

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092653.D
 Acq On : 31 Jan 2017 00:17
 Operator : SJ/MA
 Sample : I1553-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Quant Time: Jan 31 01:07:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156291	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	640729	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	358615	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	598167	20.00	ng	0.00
75) Chrysene-d12	14.13	240	419502	20.00	ng	-0.01
86) Perylene-d12	15.61	264	330950	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1238643	135.97	ng	0.01
7) Phenol-d6	6.61	99	1551226	132.34	ng	0.01
23) Nitrobenzene-d5	7.53	82	905951	78.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	333448	128.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1698897	85.83	ng	0.00
78) Terphenyl-d14	13.08	244	1378336	77.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	215580	43.80	ng	# 84
3) Pyridine	3.44	79	412941	32.99	ng	88
4) n-Nitrosodimethylamine	3.39	42	316384	53.83	ng	88
6) Aniline	6.62	93	377218	23.59	ng	95
8) 2-Chlorophenol	6.75	128	452072	44.98	ng	99
9) Benzaldehyde	6.50	77	173967	20.72	ng	90
10) Phenol	6.62	94	639593	46.64	ng	84
11) bis(2-Chloroethyl)ether	6.69	93	451057	41.21	ng	90
12) 1,3-Dichlorobenzene	6.98	146	521254	44.28	ng	95
13) 1,4-Dichlorobenzene	6.98	146	521254	43.75	ng	96
14) 1,2-Dichlorobenzene	6.98	146	521254	45.75	ng	95
15) Benzyl Alcohol	7.10	79	382105	44.03	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	763122	40.13	ng	94
17) 2-Methylphenol	7.23	107	402716	46.71	ng	98
18) Hexachloroethane	7.47	117	174435	42.89	ng	# 87
19) n-Nitroso-di-n-propylamine	7.38	70	319711	42.85	ng	97
20) 3+4-Methylphenols	7.38	107	452529	43.90	ng	# 87
22) Acetophenone	7.38	105	636960	43.54	ng	# 92
24) Nitrobenzene	7.55	77	523898	44.34	ng	94
25) Isophorone	7.79	82	925175	43.15	ng	98
26) 2-Nitrophenol	7.87	139	274568	48.89	ng	# 87
27) 2,4-Dimethylphenol	7.92	122	445915	45.21	ng	91
28) bis(2-Chloroethoxy)methane	8.00	93	576260	40.58	ng	99
29) 2,4-Dichlorophenol	8.11	162	404263	43.95	ng	89
30) 1,2,4-Trichlorobenzene	8.19	180	412332	41.60	ng	94
31) Naphthalene	8.27	128	1319470	40.62	ng	99
32) Benzoic acid	8.00	122	67677	17.47	ng	96
33) 4-Chloroaniline	8.33	127	267033	20.96	ng	98
34) Hexachlorobutadiene	8.40	225	224968	41.25	ng	98
35) Caprolactam	8.69	113	93542	32.33	ng	# 36
36) 4-Chloro-3-methylphenol	8.82	107	427924	44.62	ng	98
37) 2-Methylnaphthalene	8.97	142	877362	42.07	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	427034	42.42	ng	99
40) Hexachlorocyclopentadiene	9.12	237	365416	80.46	ng	96

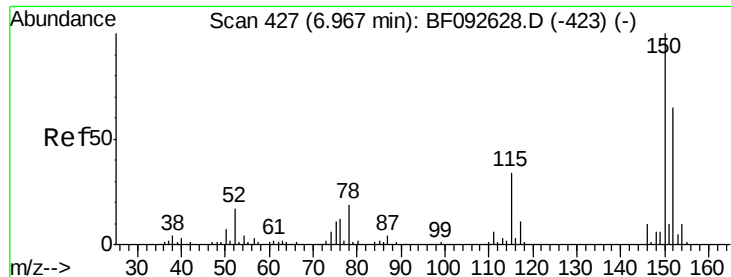
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	311403	47.08	ng	93
43) 2,4,5-Trichlorophenol	9.30	196	293320	40.47	ng	# 84
45) 1,1'-Biphenyl	9.44	154	1196842	46.09	ng	99
46) 2-Chloronaphthalene	9.46	162	878546	43.25	ng	97
47) 2-Nitroaniline	9.56	65	303574	44.45	ng	# 70
48) Acenaphthylene	9.87	152	1385099	39.47	ng	99
49) Dimethylphthalate	9.73	163	1204004	49.85	ng	98
50) 2,6-Dinitrotoluene	9.80	165	259901	49.82	ng	88
51) Acenaphthene	10.04	154	873723	41.64	ng	98
52) 3-Nitroaniline	9.97	138	174941	29.30	ng	# 68
53) 2,4-Dinitrophenol	10.08	184	169289	64.75	ng	95
54) Dibenzofuran	10.21	168	1210438	43.13	ng	98
55) 4-Nitrophenol	10.14	139	346906	80.68	ng	92
56) 2,4-Dinitrotoluene	10.20	165	314030	45.22	ng	92
57) Fluorene	10.56	166	882104	40.86	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	248857	51.47	ng	96
59) Diethylphthalate	10.43	149	962646	42.29	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	434838	41.92	ng	# 75
61) 4-Nitroaniline	10.59	138	258812	42.33	ng	85
62) Azobenzene	10.72	77	1105395	47.00	ng	87
64) 4,6-Dinitro-2-methylphenol	10.61	198	146035	40.55	ng	90
65) n-Nitrosodiphenylamine	10.67	169	781056	40.87	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	265891	42.55	ng	# 74
67) Hexachlorobenzene	11.10	284	248189	40.19	ng	# 83
68) Atrazine	11.20	200	241883	39.45	ng	99
69) Pentachlorophenol	11.31	266	256495	80.41	ng	99
70) Phenanthrene	11.53	178	1443060	42.11	ng	98
71) Anthracene	11.57	178	1303180	37.87	ng	99
72) Carbazole	11.73	167	1315927	40.00	ng	99
73) Di-n-butylphthalate	12.05	149	1430603	40.21	ng	98
74) Fluoranthene	12.70	202	1382972	39.12	ng	98
76) Benzidine	12.83	184	213306	11.93	ng	97
77) Pyrene	12.94	202	1428641	45.51	ng	99
79) Butylbenzylphthalate	13.55	149	608388	47.72	ng	96
80) Benzo(a)anthracene	14.12	228	1060576	41.34	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	265361	29.01	ng	# 95
82) Chrysene	14.17	228	1038157	43.22	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	867128	49.74	ng	# 96
84) Di-n-octyl phthalate	14.72	149	1361426	47.95	ng	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	856582	46.03	ng	95
87) Benzo(b)fluoranthene	15.17	252	847407	38.90	ng	98
88) Benzo(k)fluoranthene	15.17	252	847407	45.06	ng	97
89) Benzo(a)pyrene	15.54	252	801663	42.55	ng	# 97
90) Dibenzo(a,h)anthracene	17.11	278	709230	46.57	ng	99
91) Benzo(g,h,i)perylene	17.53	276	738974	48.03	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

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Acq: 31 Jan 2017 00:17

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FK-BPM-01-A1B-A2B-A3B-A4BMSD

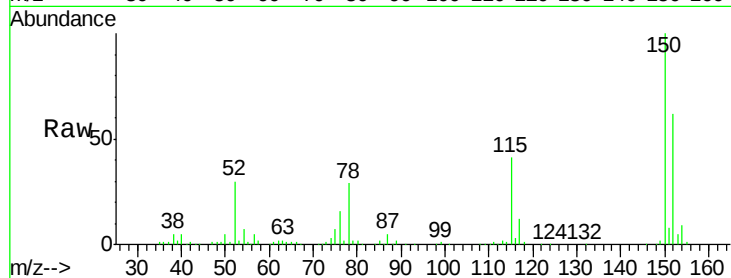
Tgt Ion:152 Resp: 156291

Ion Ratio Lower Upper

152 100

150 161.8 124.9 187.3

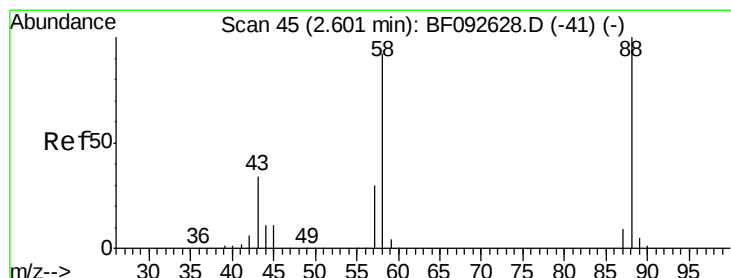
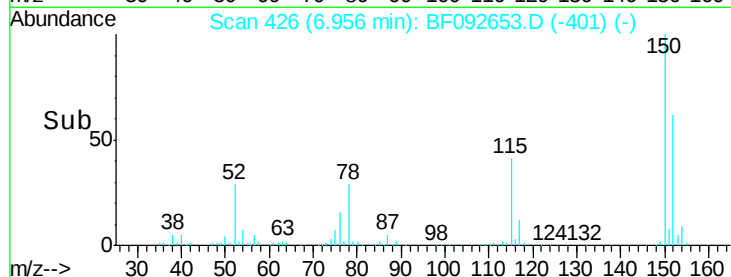
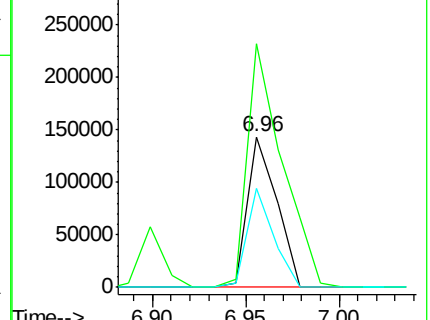
115 65.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.80 ng

RT: 2.68 min Scan# 52

Delta R.T. 0.08 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

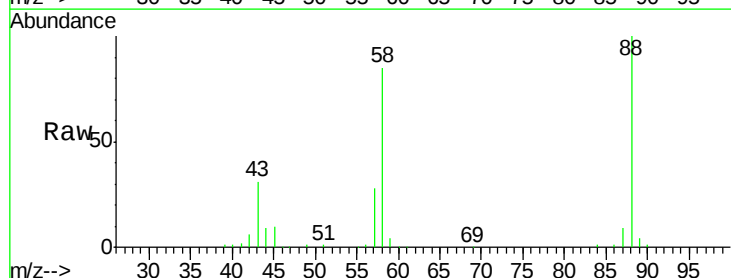
Tgt Ion: 88 Resp: 215580

Ion Ratio Lower Upper

88 100

58 87.8 57.8 86.8#

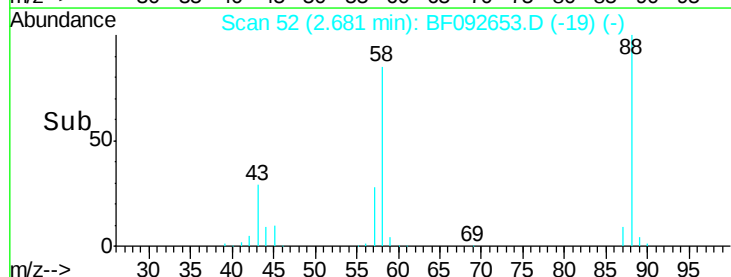
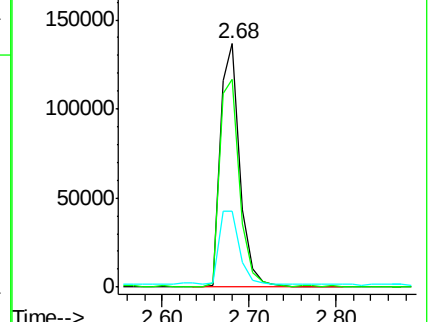
43 32.8 22.3 33.5

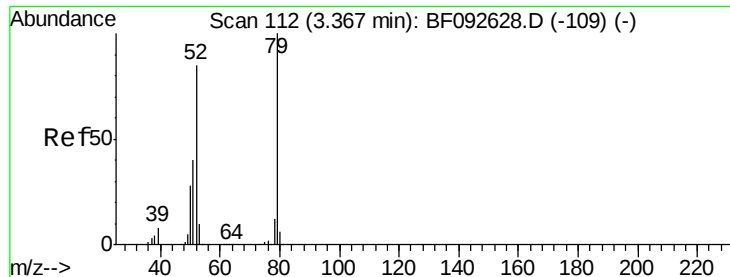


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.99 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.07 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

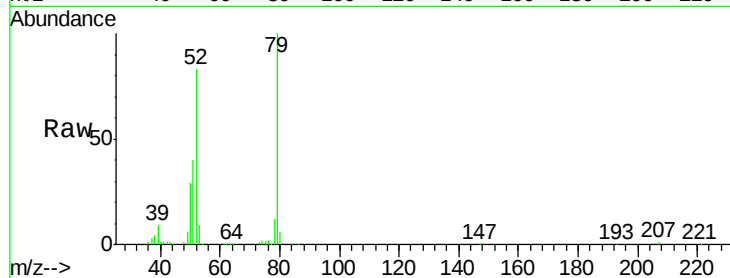
Tgt Ion: 79 Resp: 412941

Ion Ratio Lower Upper

79 100

52 82.5 57.1 85.7

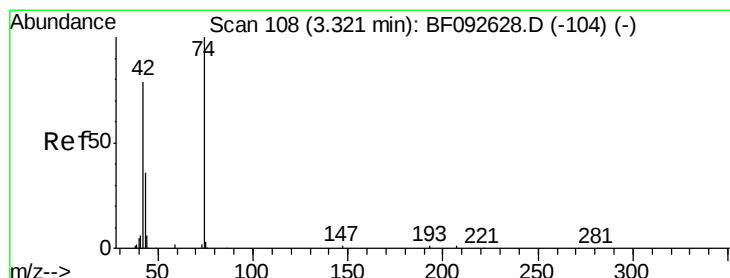
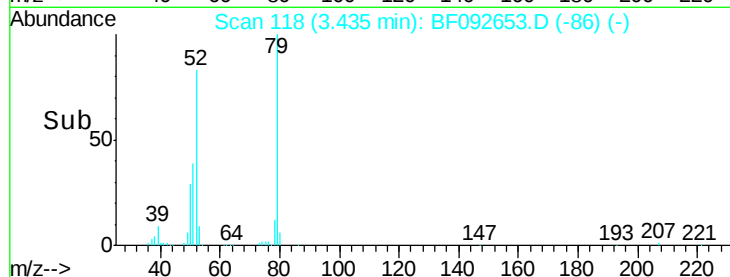
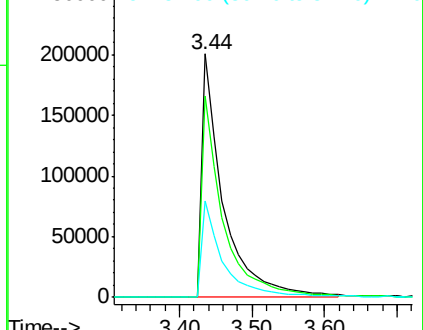
51 39.7 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 53.83 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.07 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

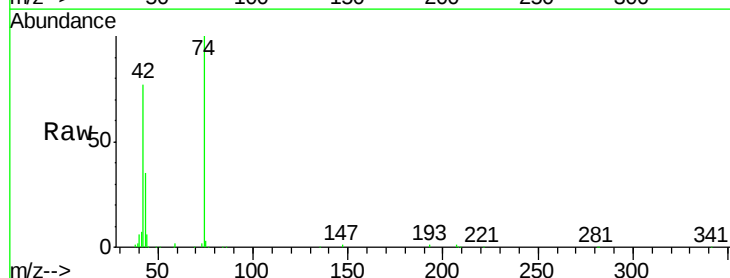
Tgt Ion: 42 Resp: 316384

Ion Ratio Lower Upper

42 100

74 130.2 117.0 175.4

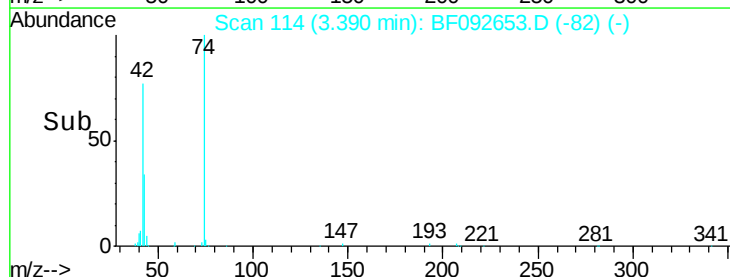
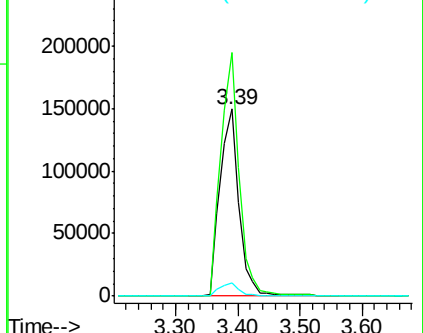
44 7.2 5.5 8.3

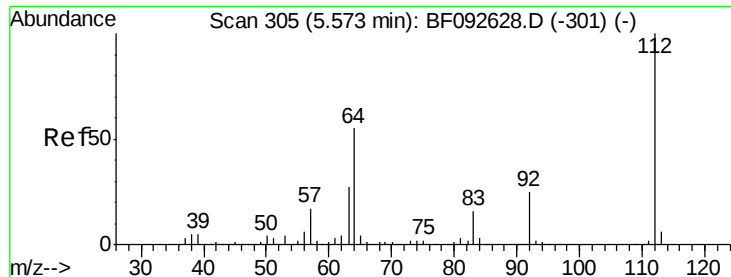


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 135.97 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

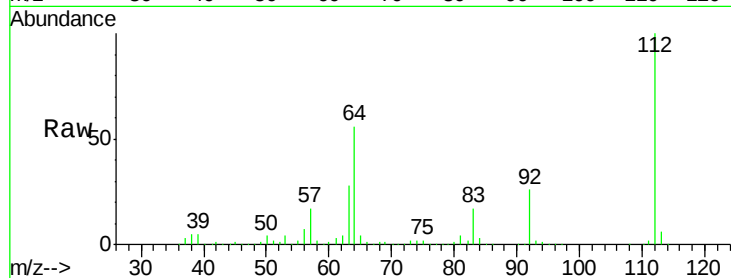
Tgt Ion: 112 Resp: 1238643

Ion Ratio Lower Upper

112 100

64 56.2 46.1 69.1

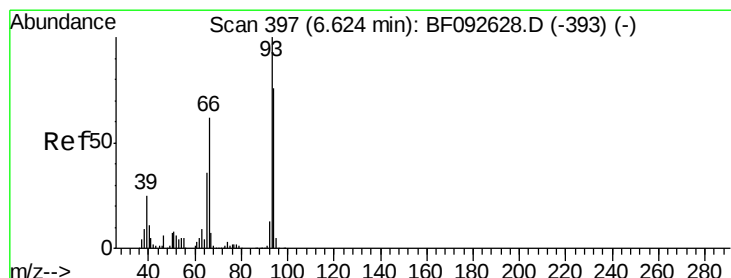
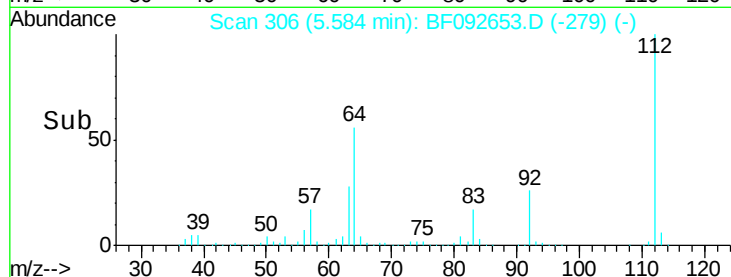
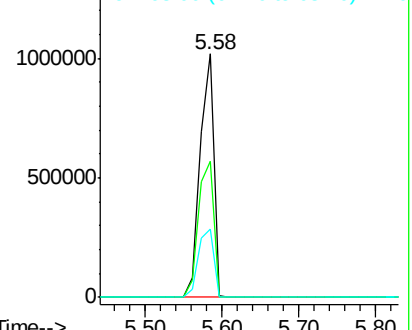
63 27.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.59 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

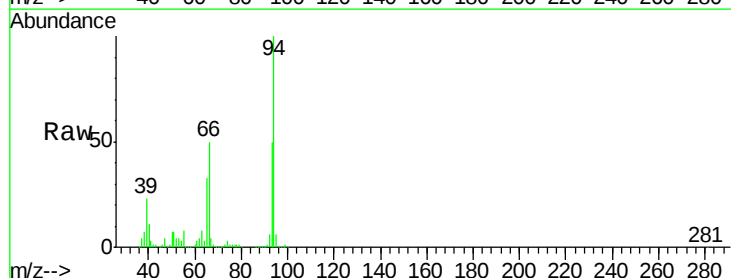
Tgt Ion: 93 Resp: 377218

Ion Ratio Lower Upper

93 100

66 100.8 76.2 114.2

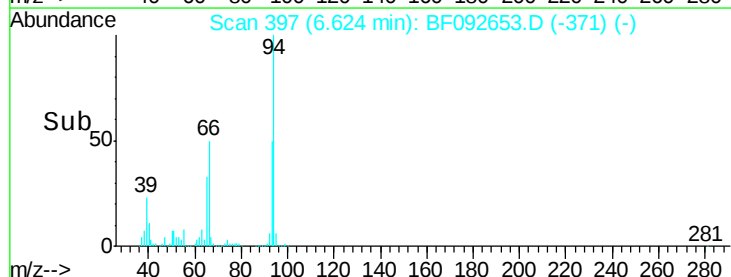
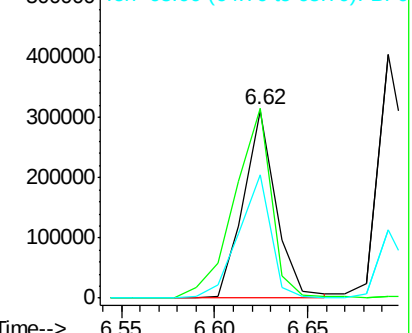
65 65.3 49.3 73.9

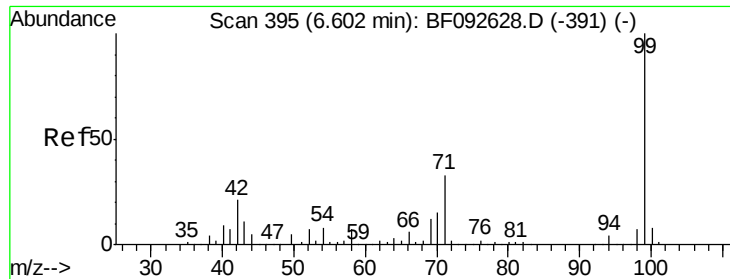


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.34 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092653.D

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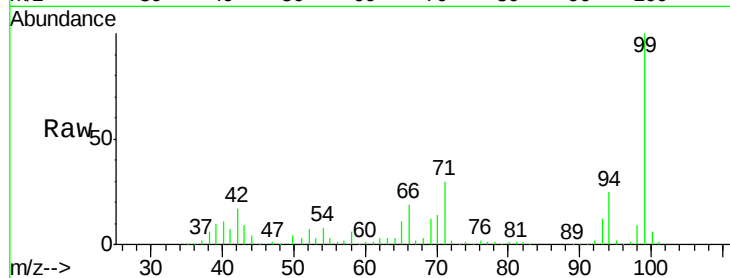
Tgt Ion: 99 Resp: 1551226

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

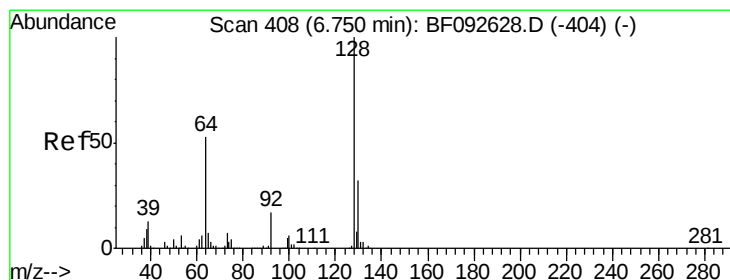
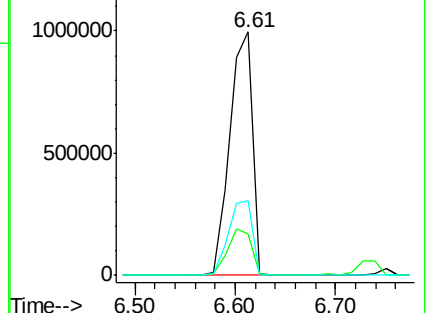
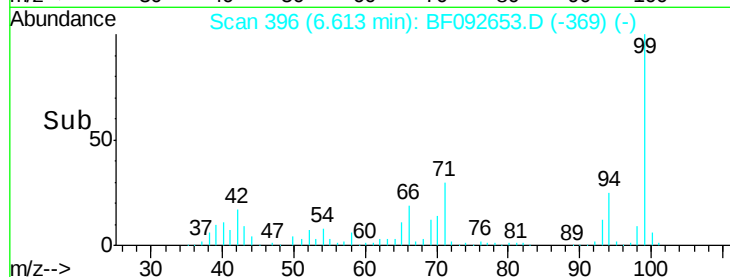
71 30.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.98 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

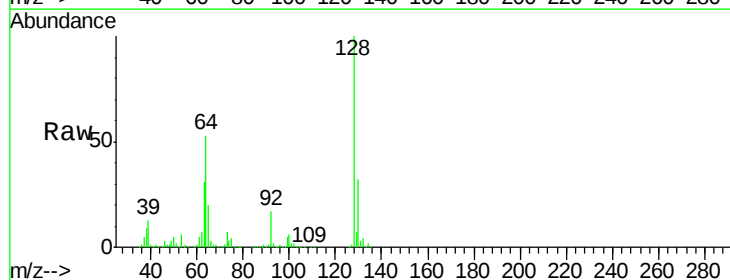
Tgt Ion: 128 Resp: 452072

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

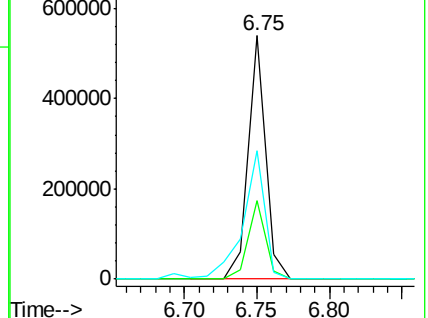
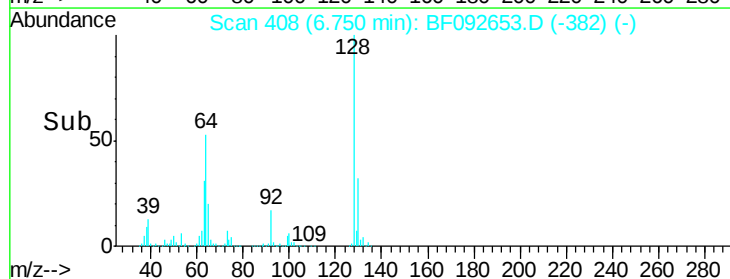
64 52.9 32.2 72.2

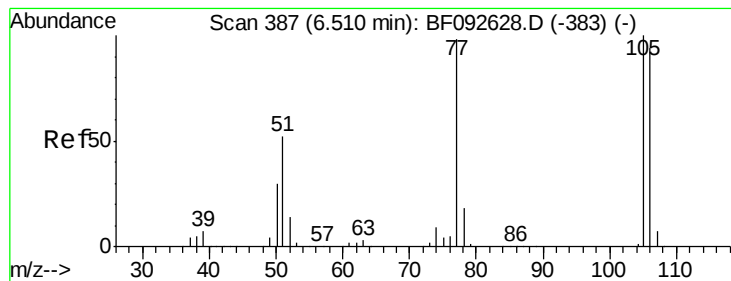


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.72 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

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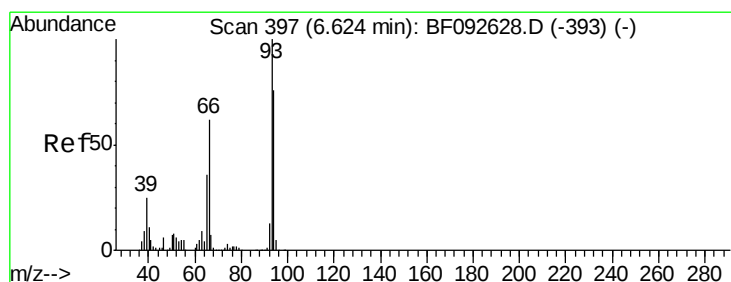
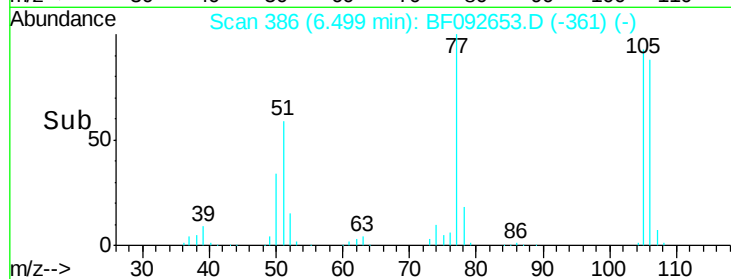
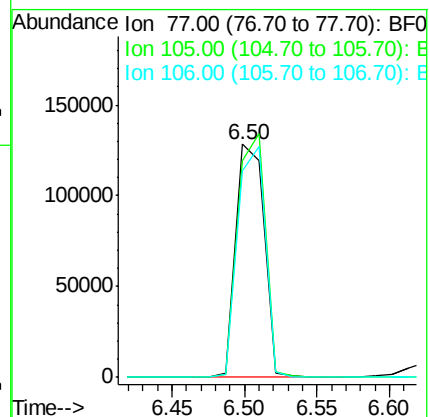
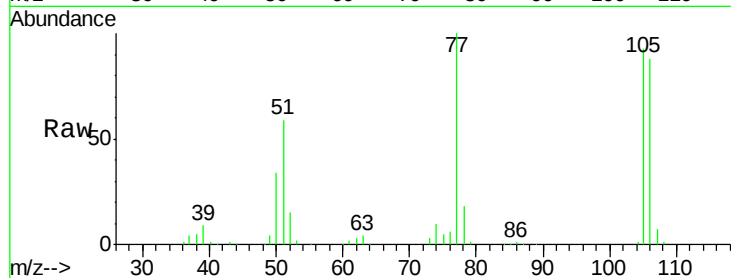
Tgt Ion: 77 Resp: 173967

Ion Ratio Lower Upper

77 100

105 92.8 83.9 123.9

106 88.5 77.6 117.6



#10

Phenol

Concen: 46.64 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

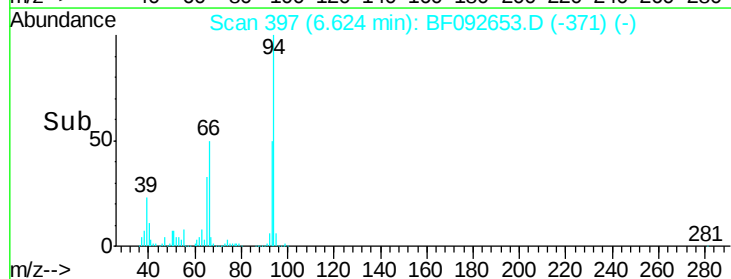
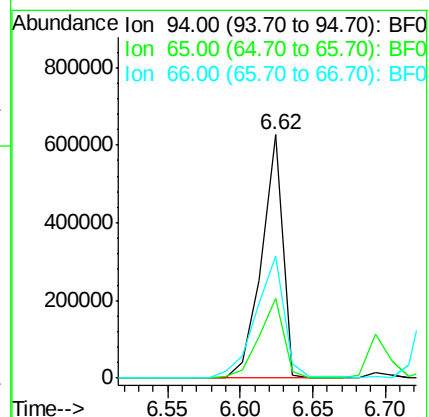
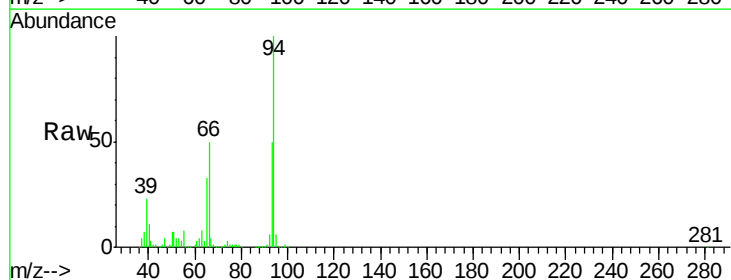
Tgt Ion: 94 Resp: 639593

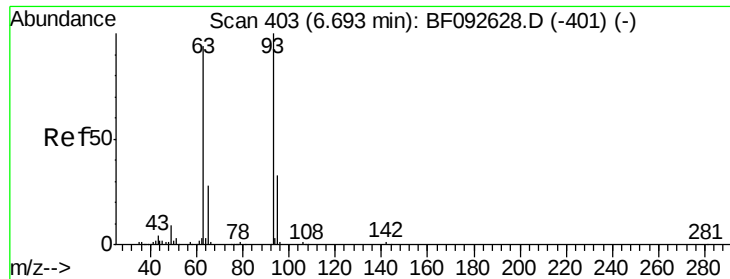
Ion Ratio Lower Upper

94 100

65 32.5 21.4 61.4

66 50.2 44.0 84.0

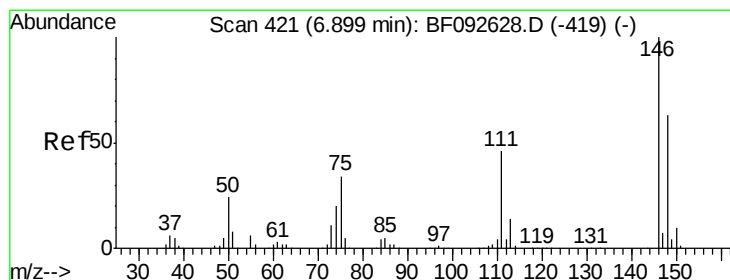
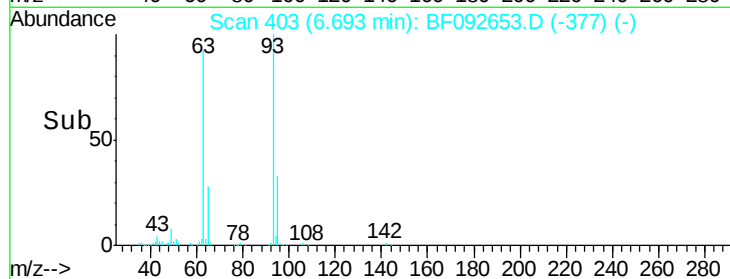
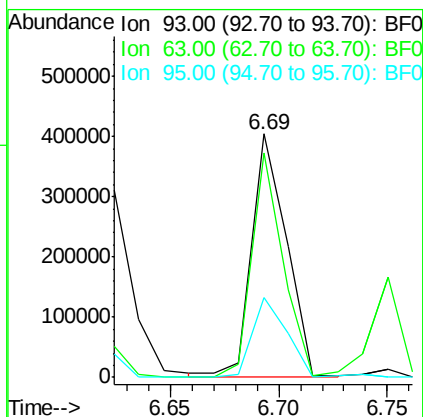
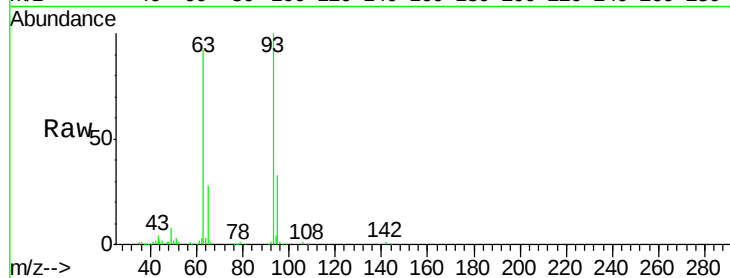




#11
bis(2-Chloroethyl)ether
Concen: 41.21 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

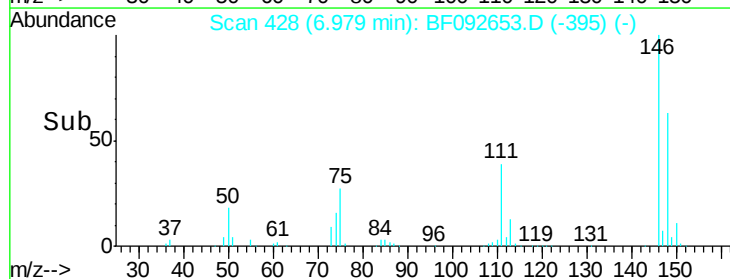
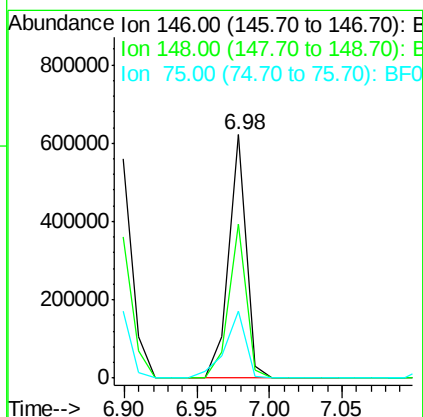
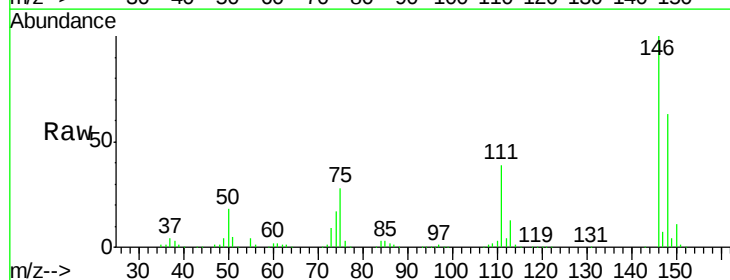
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

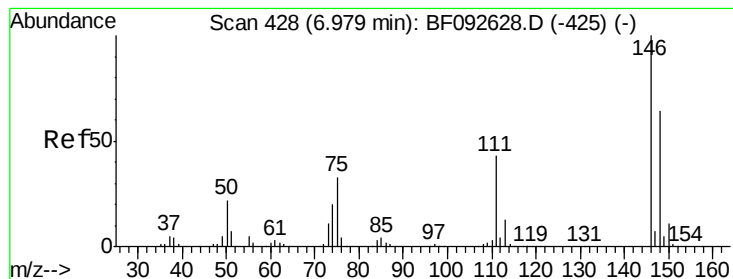
Tgt Ion: 93 Resp: 451057
Ion Ratio Lower Upper
93 100
63 92.4 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.28 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.08 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion: 146 Resp: 521254
Ion Ratio Lower Upper
146 100
148 63.5 53.4 80.0
75 27.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 43.75 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

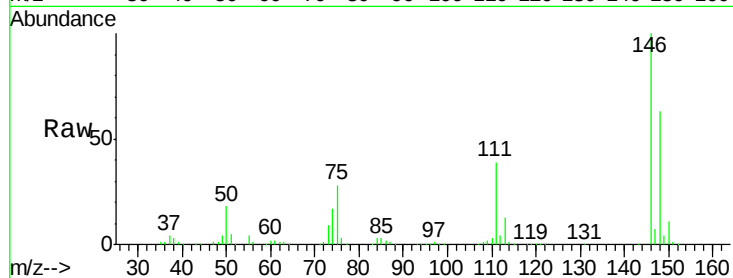
Tgt Ion:146 Resp: 521254

Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

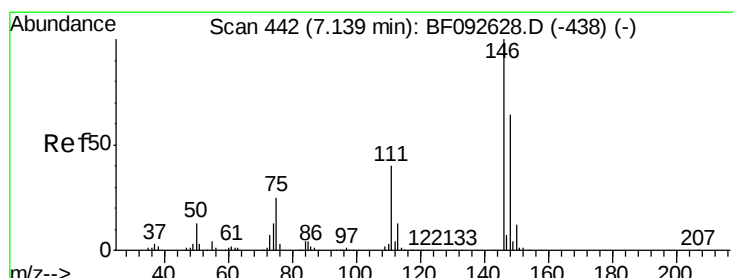
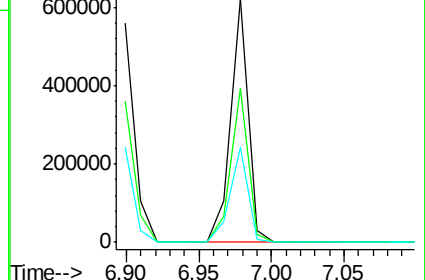
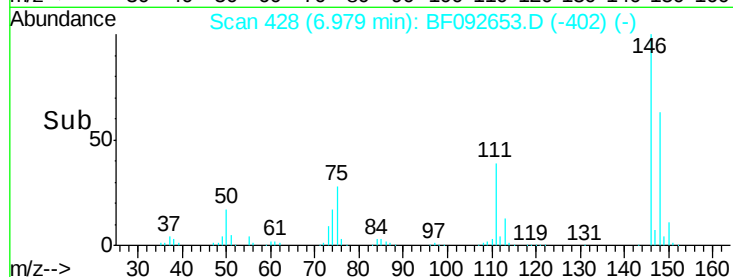
111 39.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.75 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.16 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

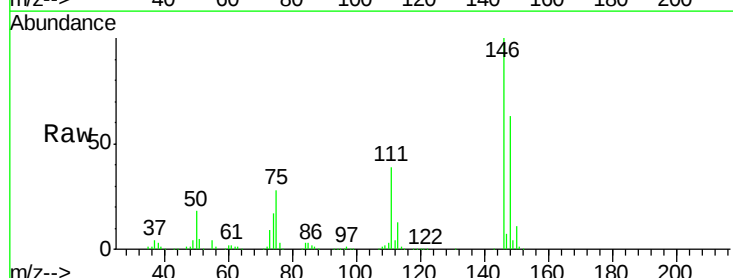
Tgt Ion:146 Resp: 521254

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

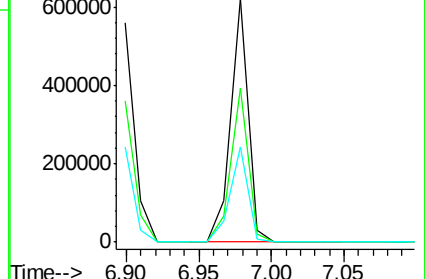
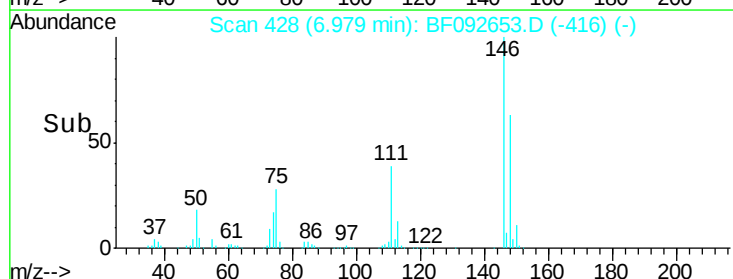
111 39.3 36.2 54.2

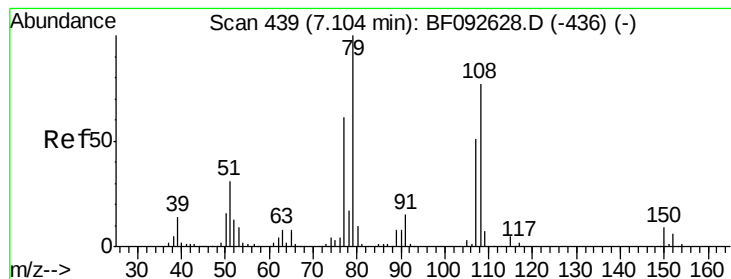


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.03 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

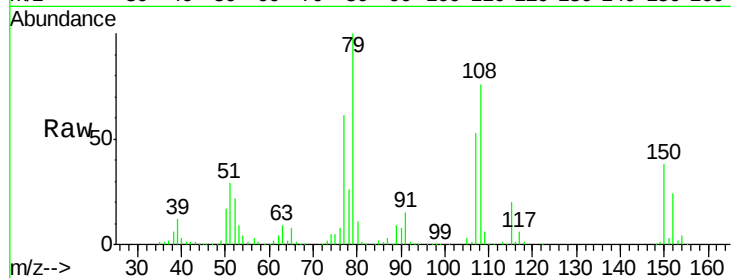
Tgt Ion: 79 Resp: 382105

Ion Ratio Lower Upper

79 100

108 75.7 61.4 92.0

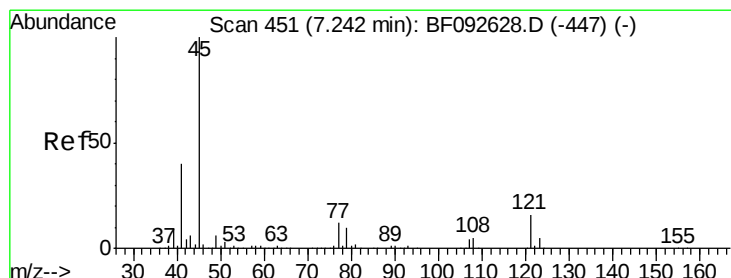
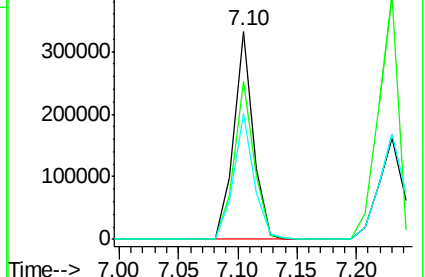
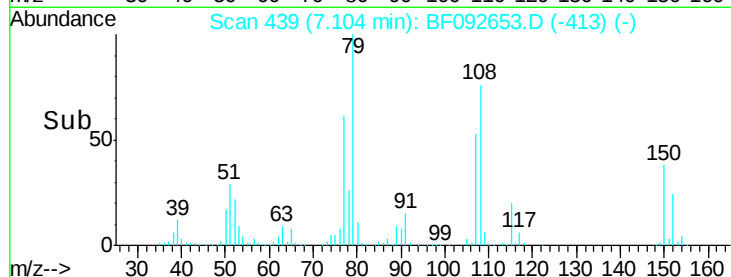
77 60.8 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.13 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

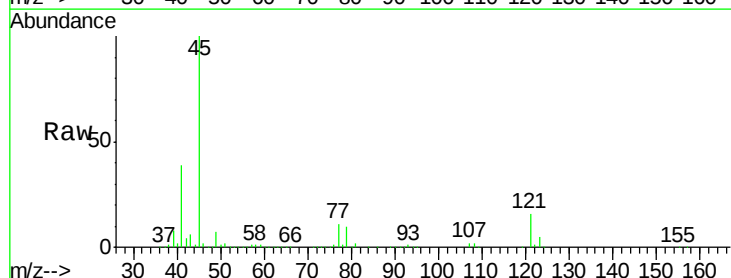
Tgt Ion: 45 Resp: 763122

Ion Ratio Lower Upper

45 100

77 11.4 0.0 34.6

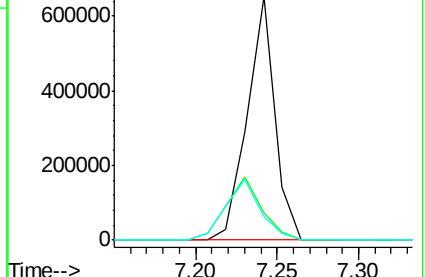
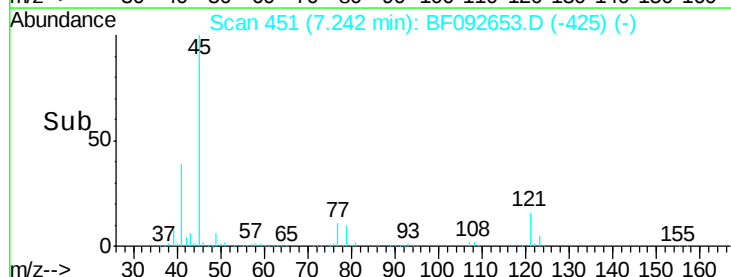
79 9.6 0.0 31.2

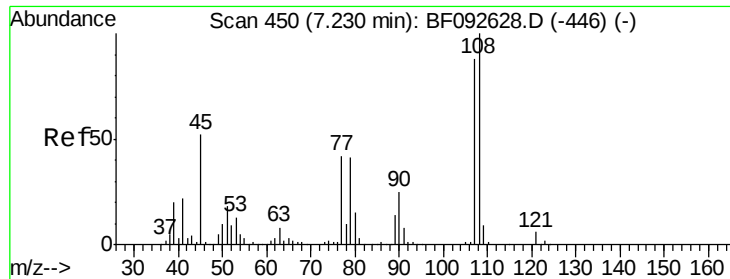


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

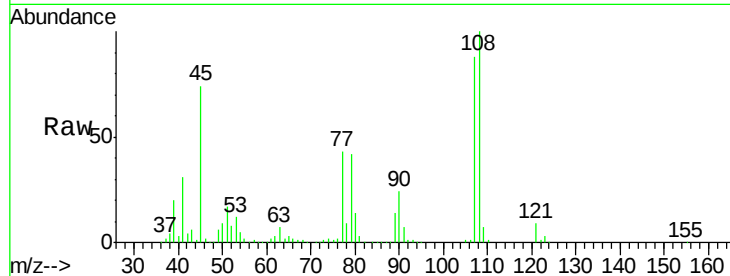




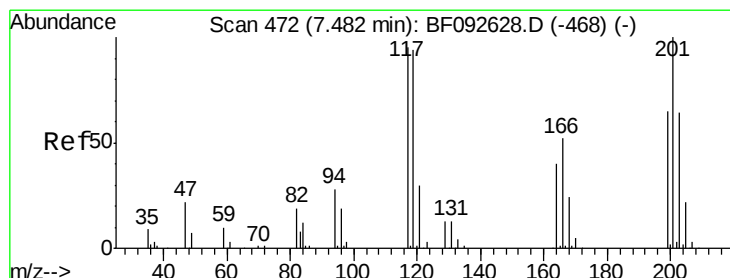
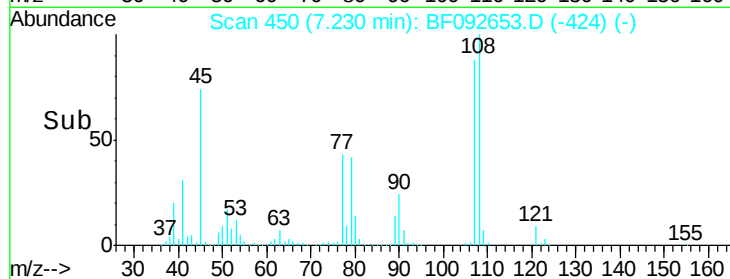
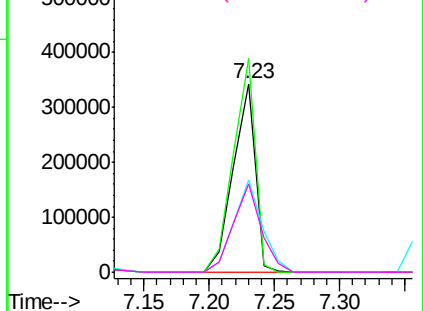
#17
2-Methylphenol
Concen: 46.71 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:107 Resp: 402716
Ion Ratio Lower Upper
107 100
108 113.4 93.0 139.6
77 49.2 39.8 59.8
79 47.2 38.0 57.0

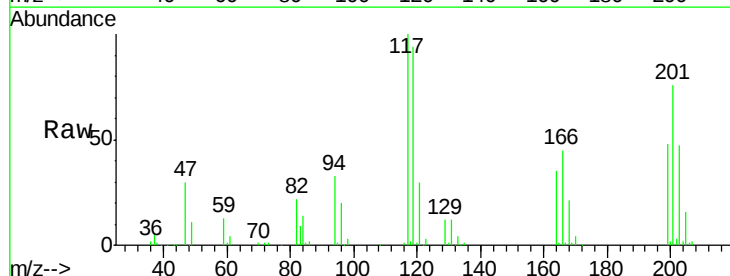


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0
300000
200000
100000
0

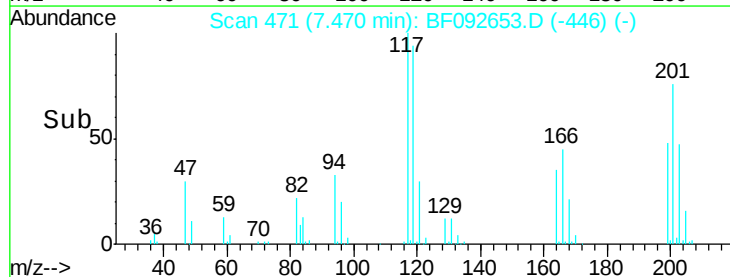
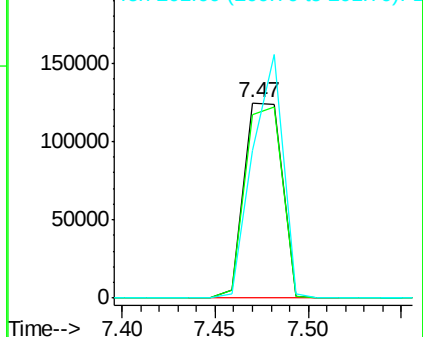


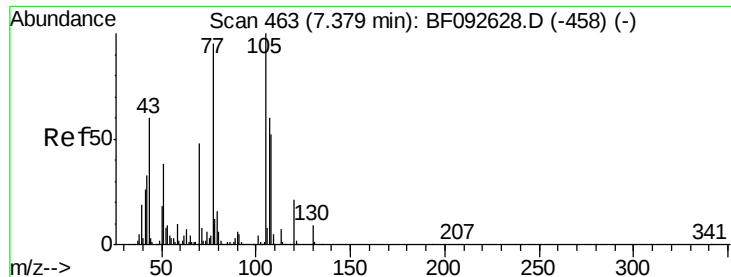
#18
Hexachloroethane
Concen: 42.89 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:117 Resp: 174435
Ion Ratio Lower Upper
117 100
119 93.8 78.1 117.1
201 75.5 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
150000
Ion 201.00 (200.70 to 201.70): E
100000
50000
0

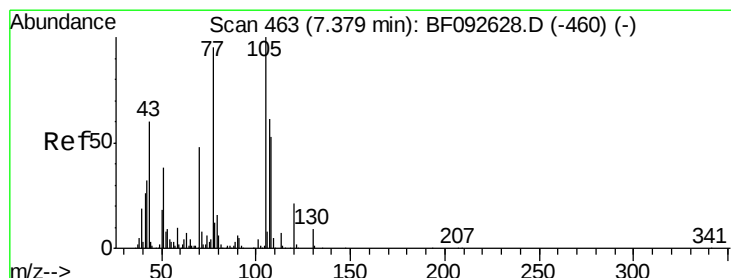
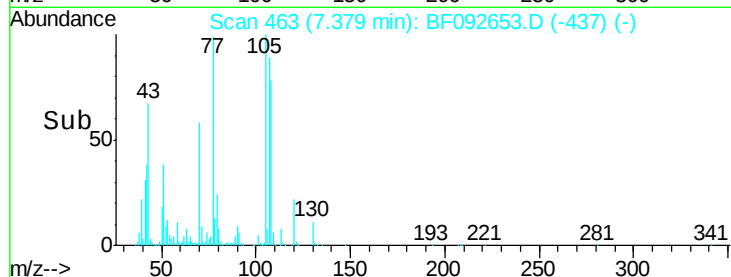
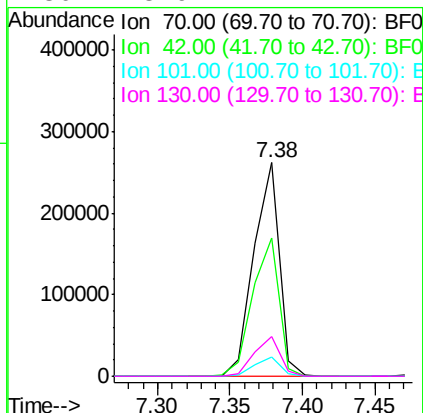
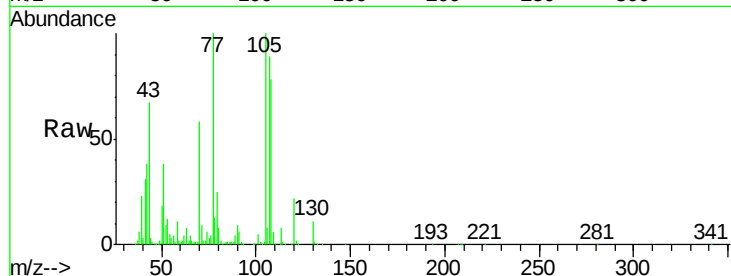




#19
n-Nitroso-di-n-propylamine
Concen: 42.85 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

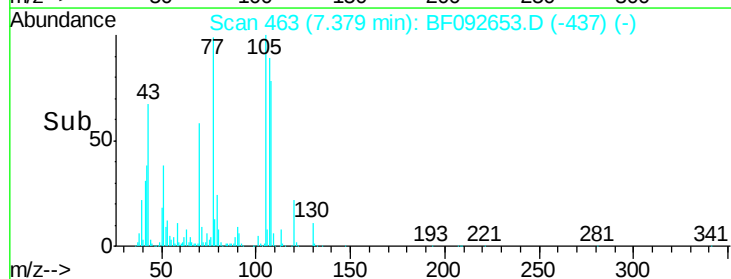
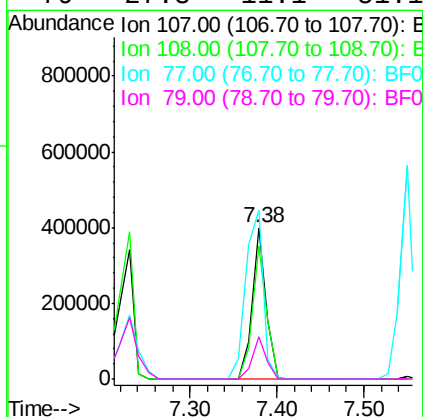
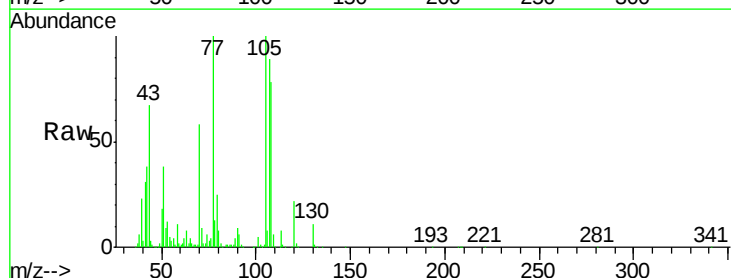
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

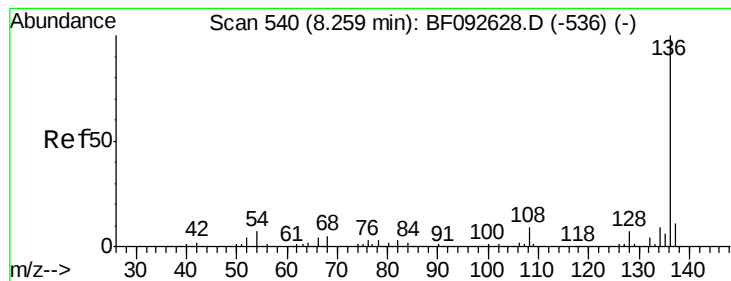
Tgt Ion:	70	Resp:	319711
Ion	Ratio	Lower	Upper
70	100		
42	64.9	49.4	74.0
101	9.2	7.4	11.2
130	18.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.90 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:	107	Resp:	452529
Ion	Ratio	Lower	Upper
107	100		
108	87.7	73.0	113.0
77	112.1	71.3	111.3#
79	27.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:136 Resp: 640729

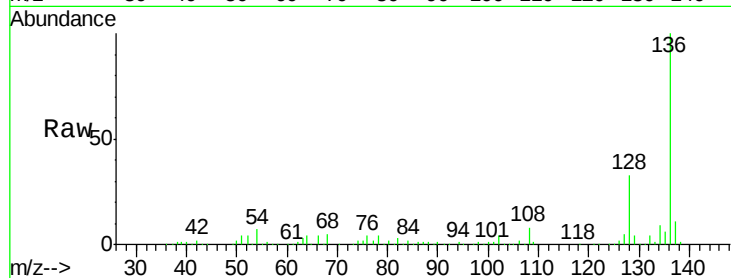
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.1 4.5 6.7#

68 4.8 3.6 5.4

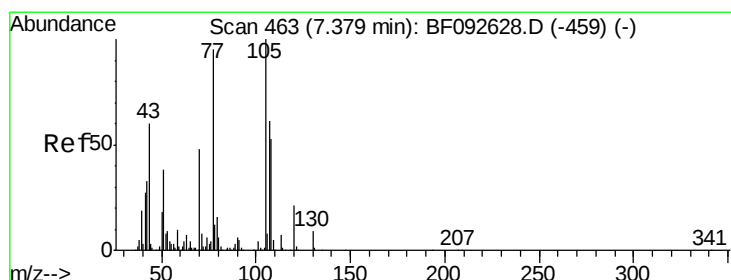
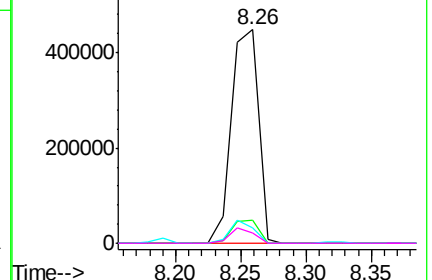
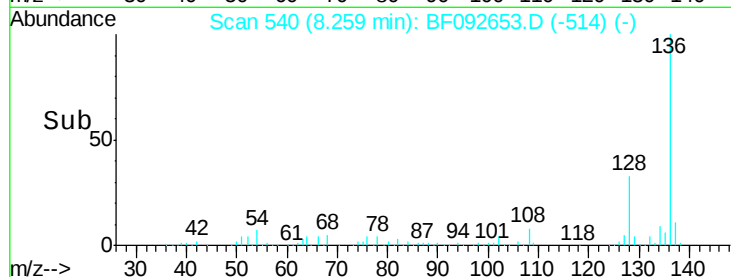


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.54 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:105 Resp: 636960

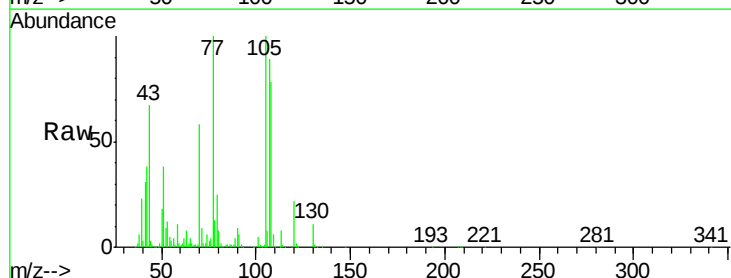
Ion Ratio Lower Upper

105 100

71 9.4 3.2 4.8#

51 37.8 26.2 39.4

120 22.5 16.6 24.8

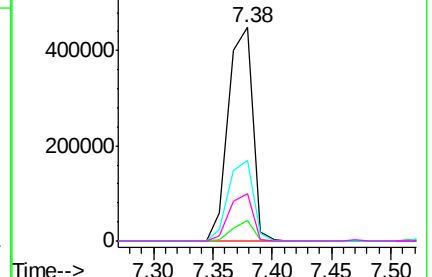
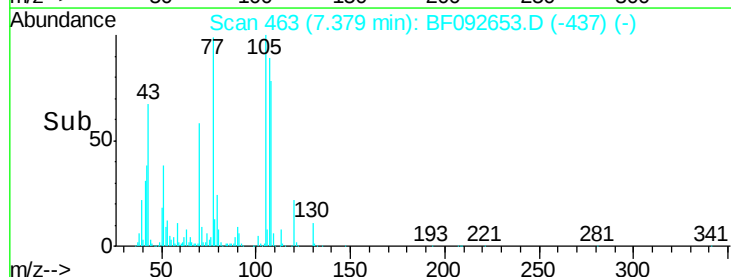


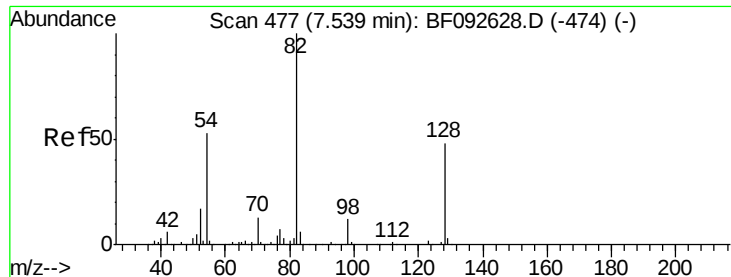
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

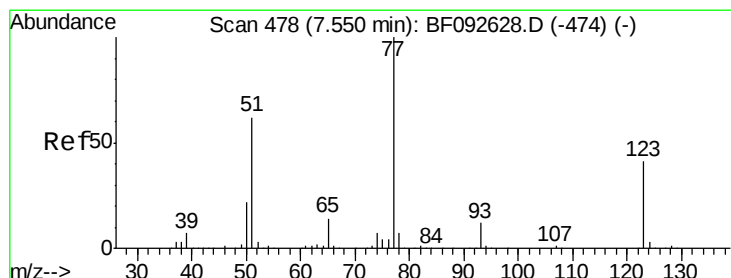
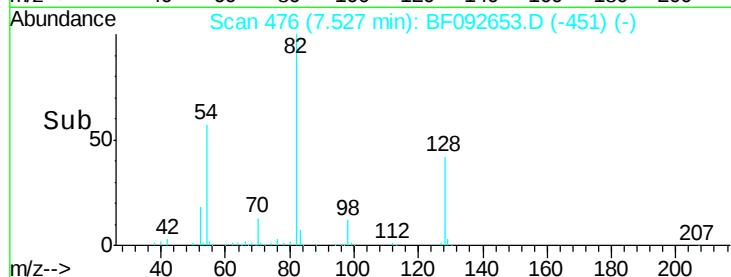
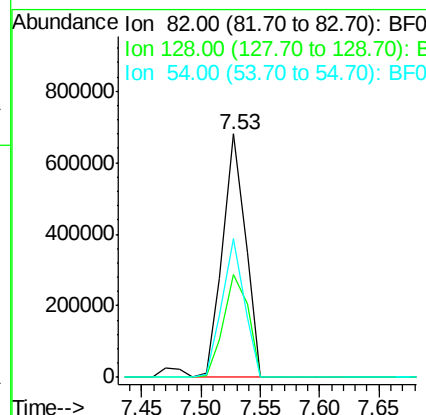
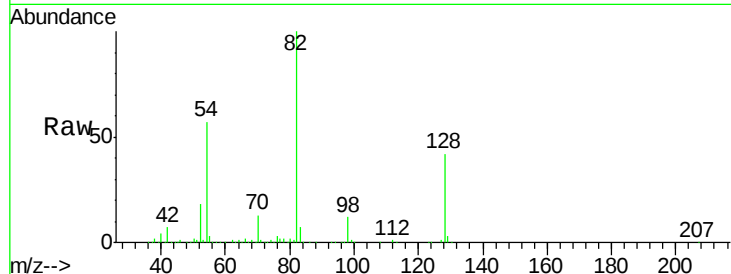




#23
 Nitrobenzene-d5
 Concen: 78.74 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

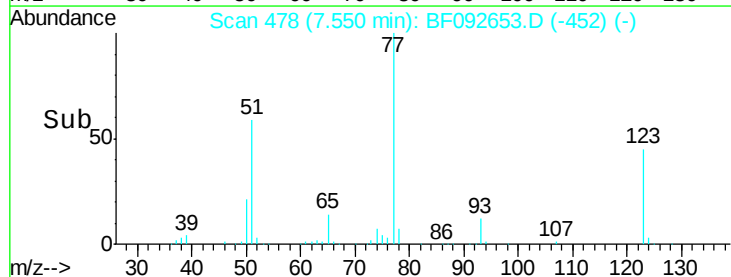
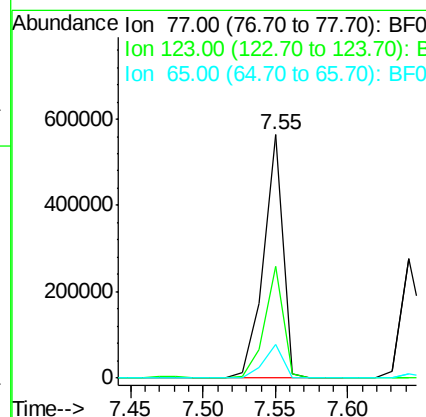
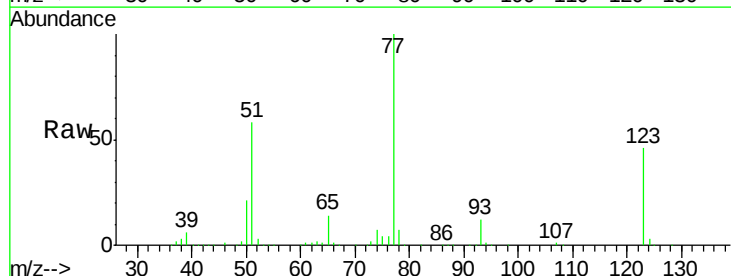
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

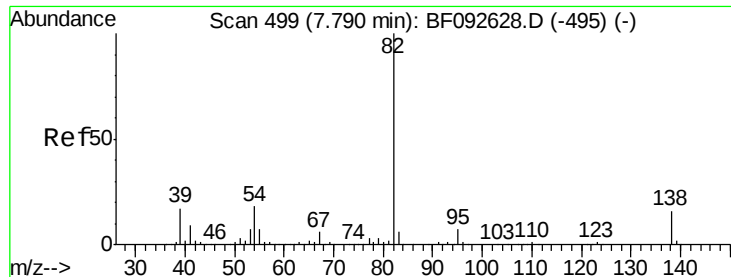
Tgt Ion: 82 Resp: 905951
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 52.0
 54 57.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 44.34 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion: 77 Resp: 523898
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.0 49.4
 65 13.9 11.2 16.8

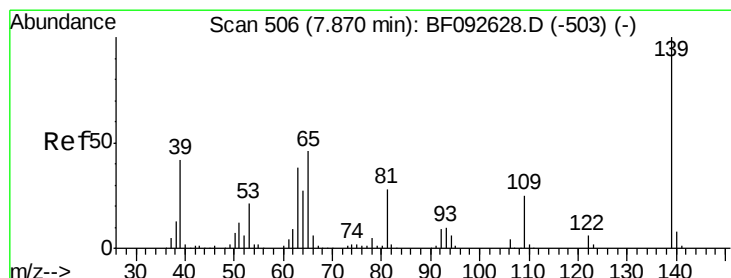
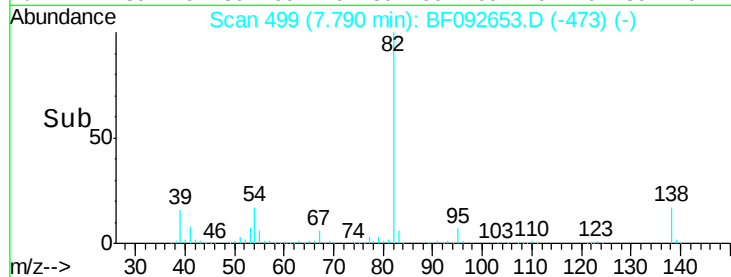
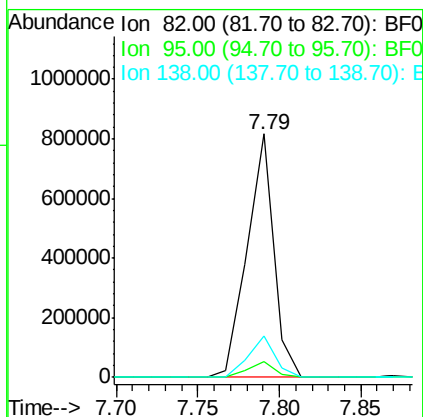
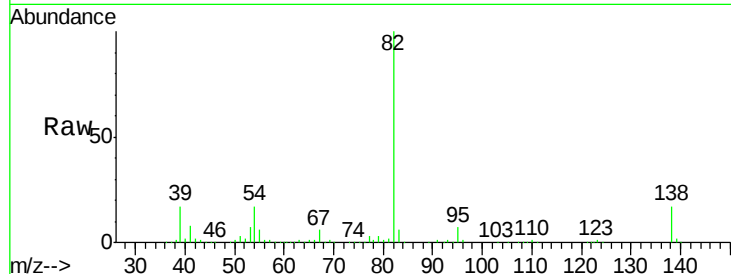




#25
Isophorone
Concen: 43.15 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

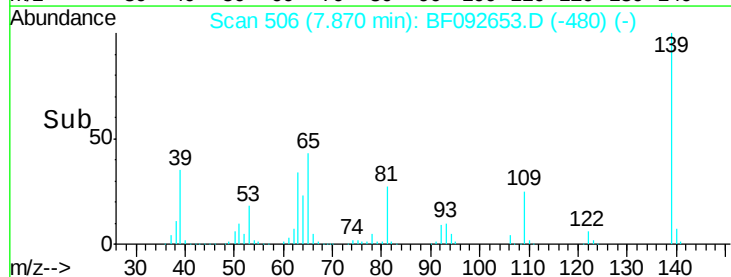
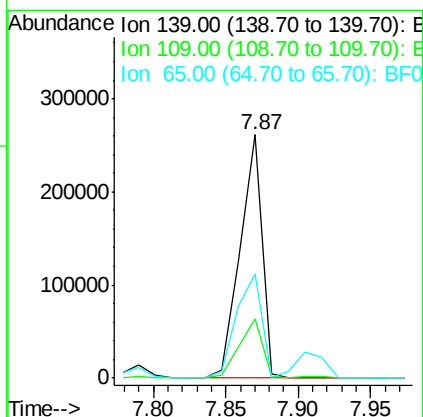
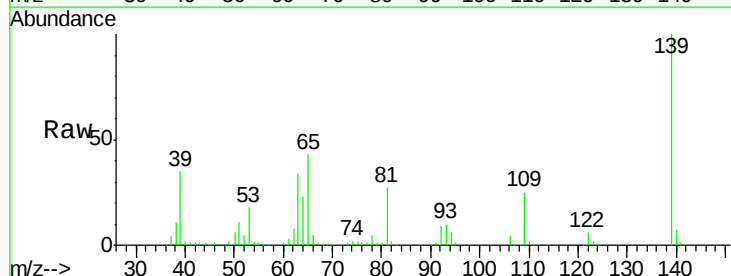
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

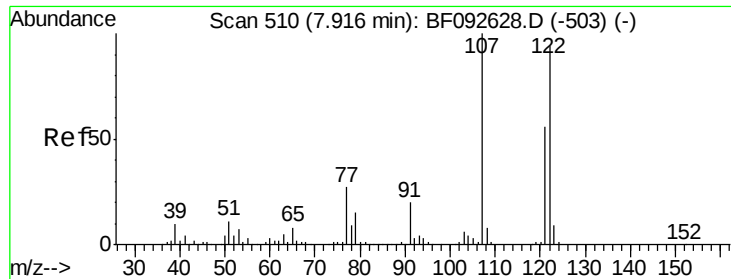
Tgt Ion: 82 Resp: 925175
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.1 14.6 22.0



#26
2-Nitrophenol
Concen: 48.89 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion: 139 Resp: 274568
Ion Ratio Lower Upper
139 100
109 24.6 23.3 34.9
65 42.6 42.7 64.1#

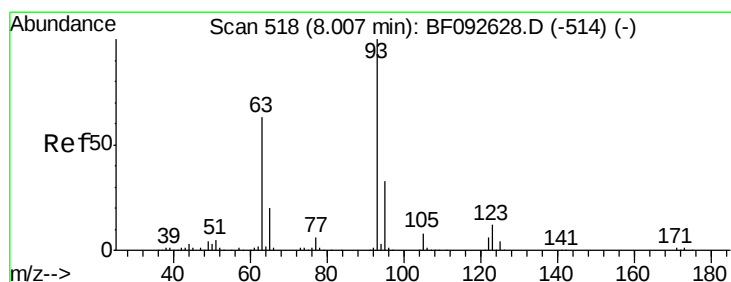
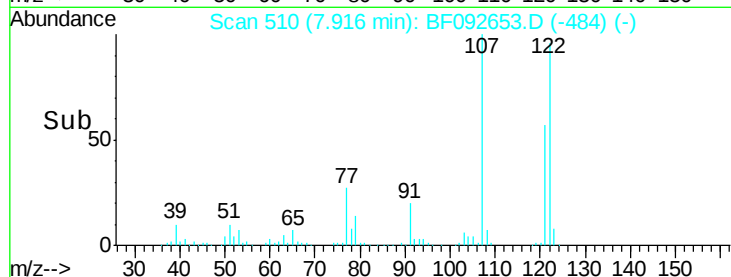
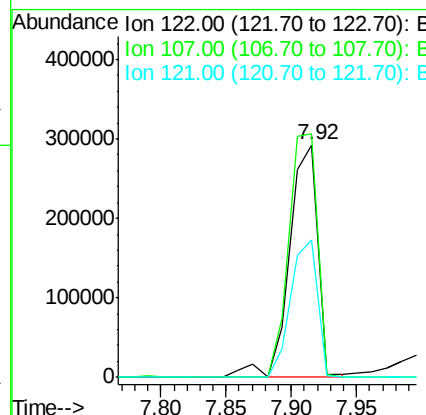
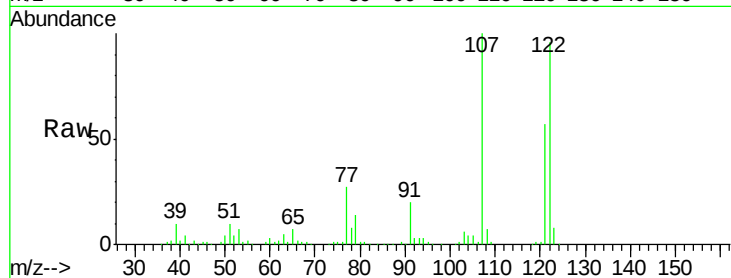




#27
 2,4-Dimethylphenol
 Concen: 45.21 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

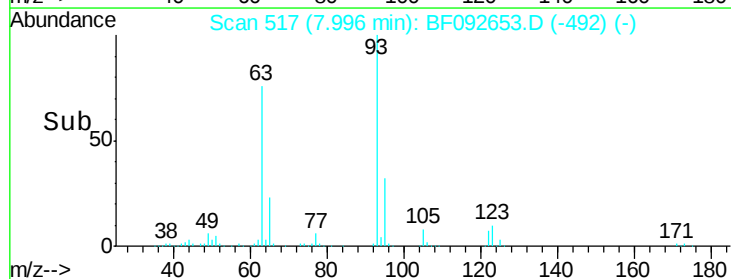
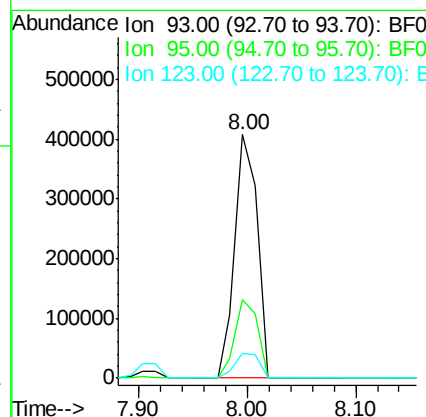
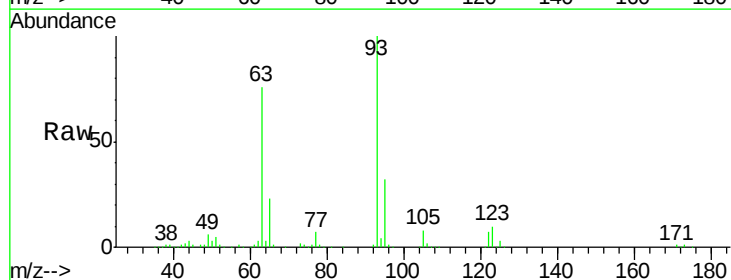
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

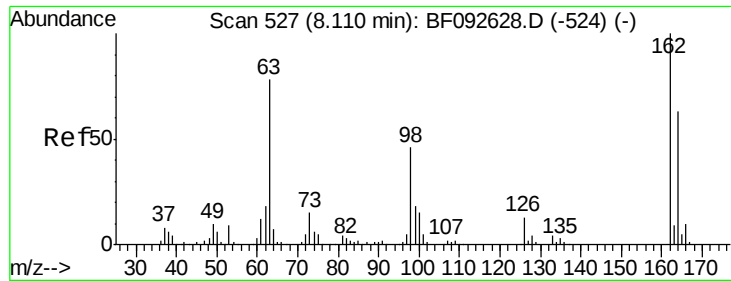
Tgt Ion:122 Resp: 445915
 Ion Ratio Lower Upper
 122 100
 107 104.7 94.1 141.1
 121 59.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.58 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion: 93 Resp: 576260
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.3 8.6 13.0

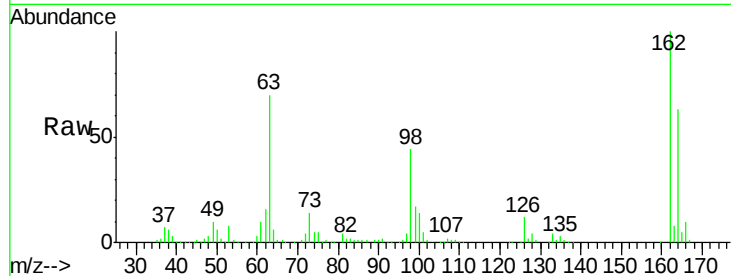




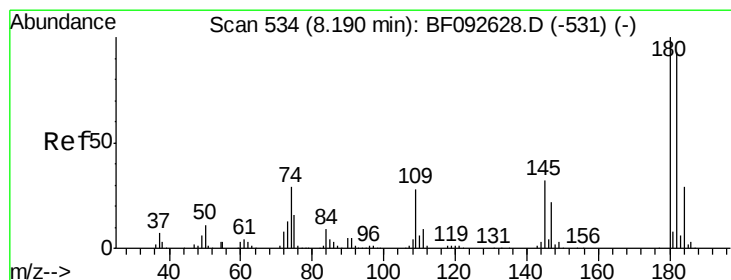
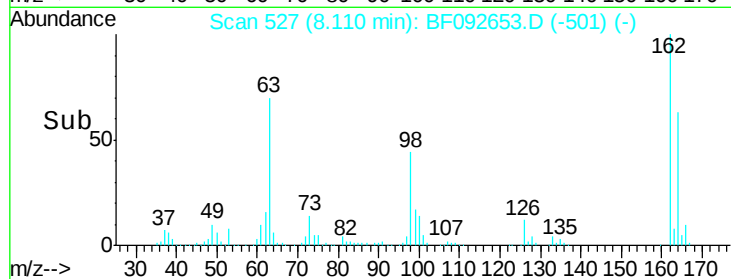
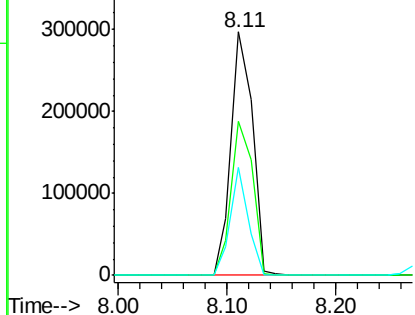
#29
 2,4-Dichlorophenol
 Concen: 43.95 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.8	86.8
98	44.1	9.1	49.1

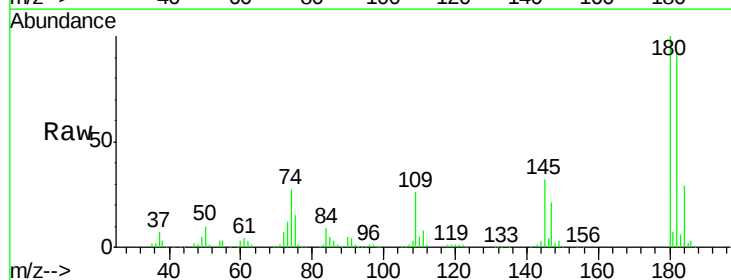


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

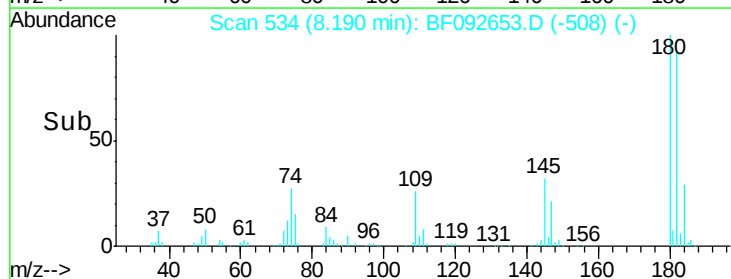
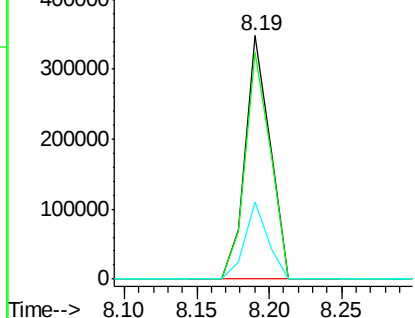


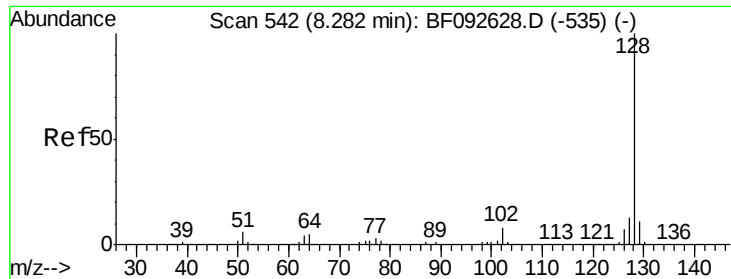
#30
 1,2,4-Trichlorobenzene
 Concen: 41.60 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	78.2	117.4
145	31.6	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

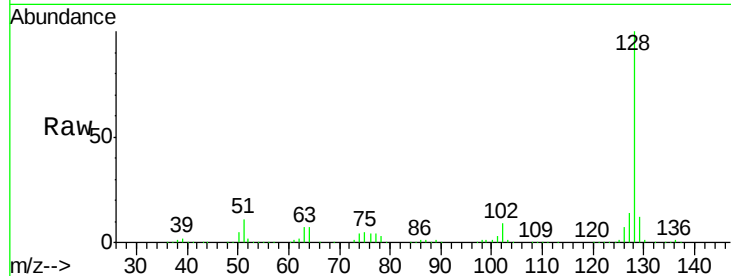




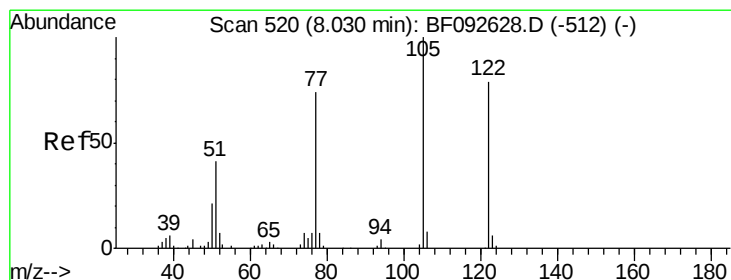
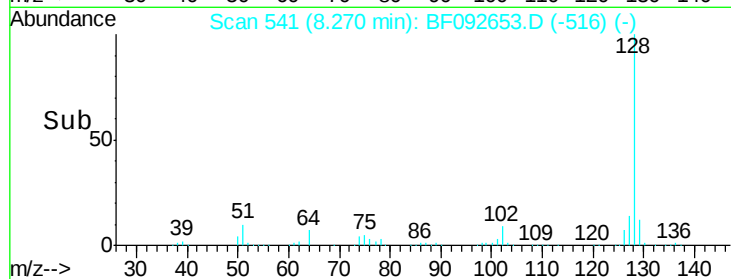
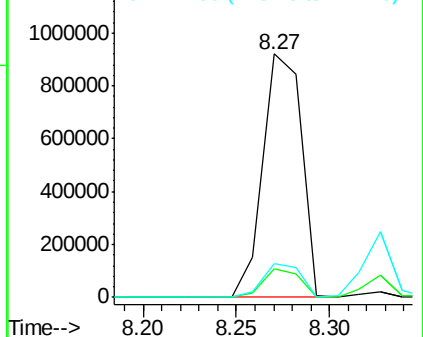
#31
Naphthalene
Concen: 40.62 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:128 Resp: 1319470
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.6 10.8 16.2

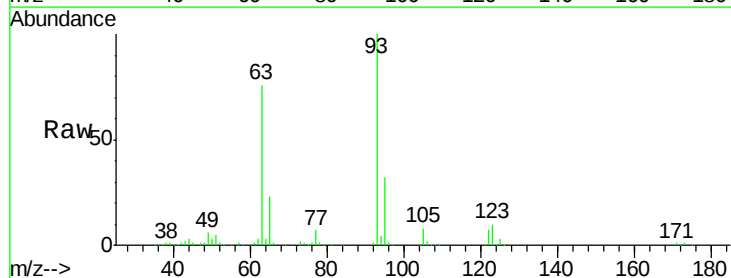


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

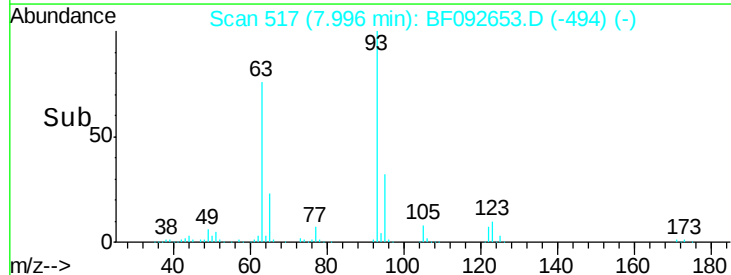
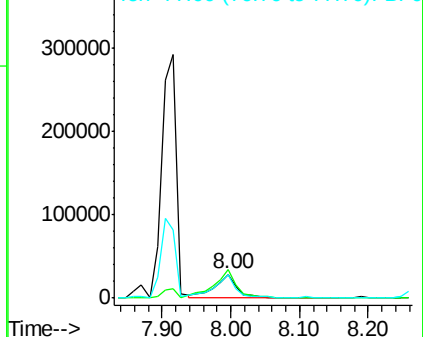


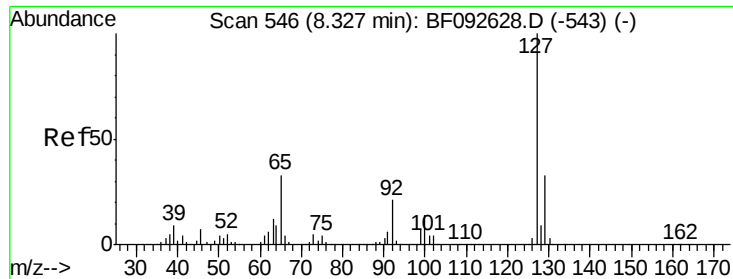
#32
Benzoic acid
Concen: 17.47 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:122 Resp: 67677
Ion Ratio Lower Upper
122 100
105 120.3 107.2 147.2
77 96.6 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

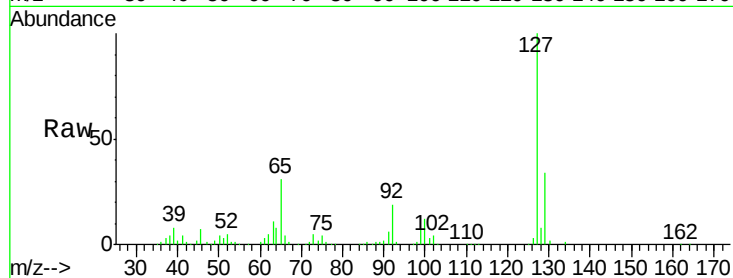




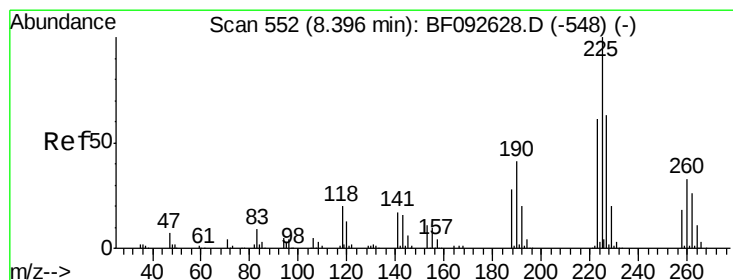
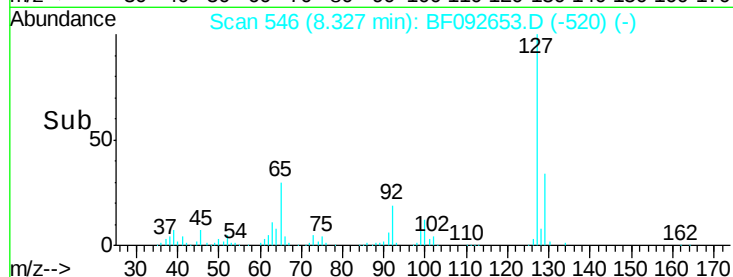
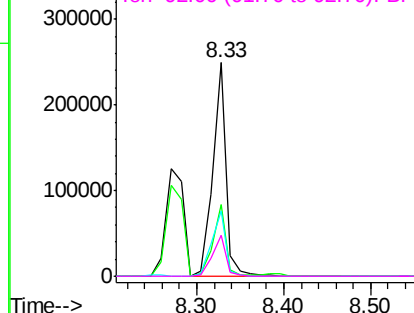
#33
4-Chloroaniline
Concen: 20.96 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:	127	Resp:	267033
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	30.5	25.8	38.8
92	19.3	16.1	24.1

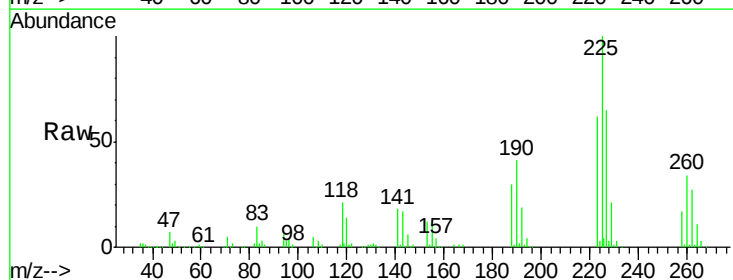


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

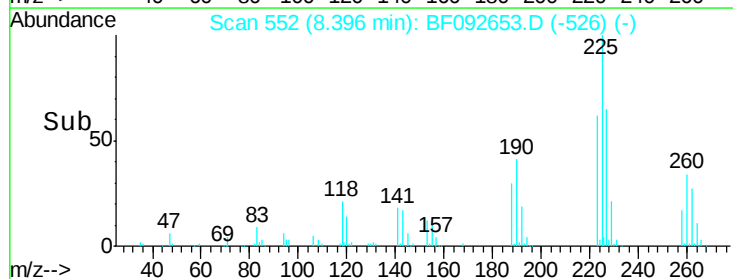
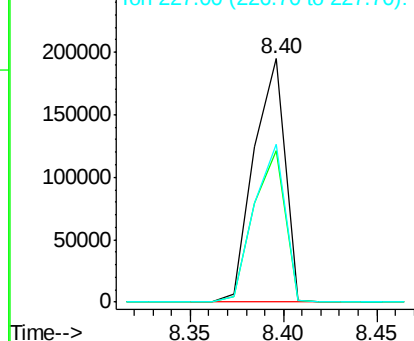


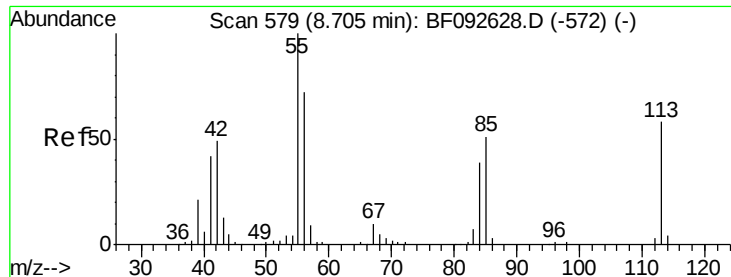
#34
Hexachlorobutadiene
Concen: 41.25 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:	225	Resp:	224968
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	64.8	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

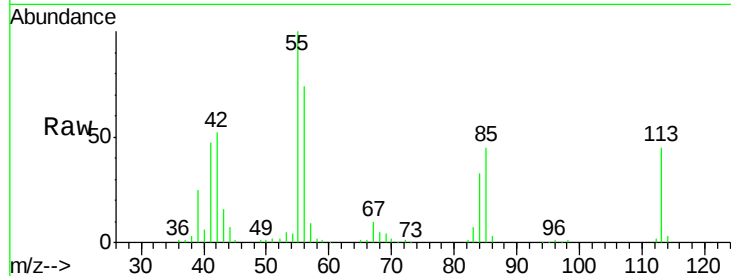




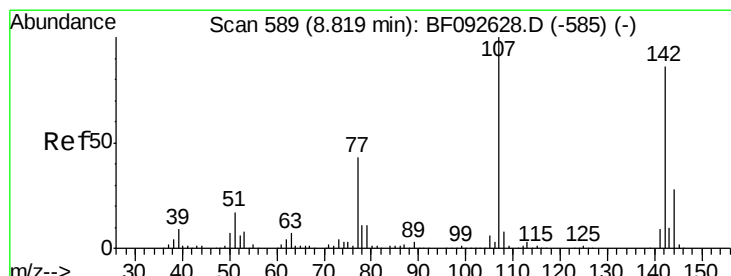
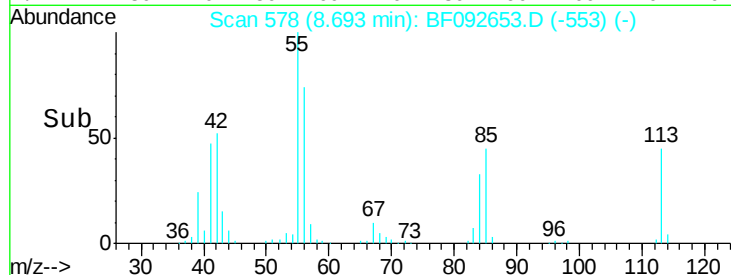
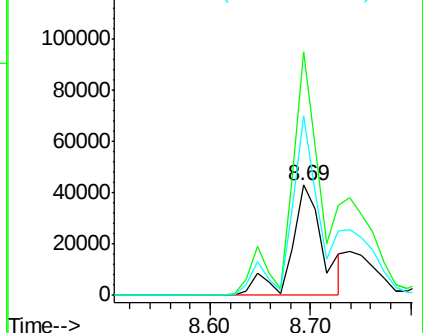
#35
 Caprolactam
 Concen: 32.33 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:113 Resp: 93542
 Ion Ratio Lower Upper
 113 100
 55 221.5 119.2 159.2#
 56 163.8 83.8 123.8#

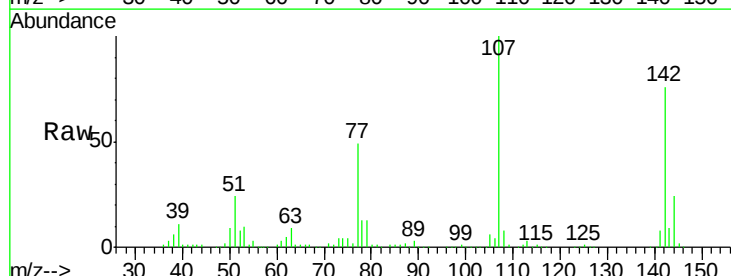


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

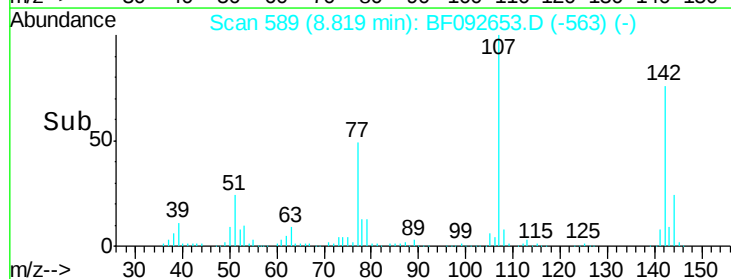
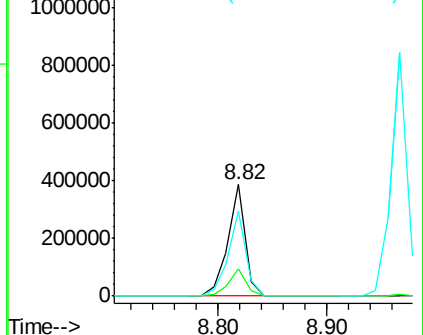


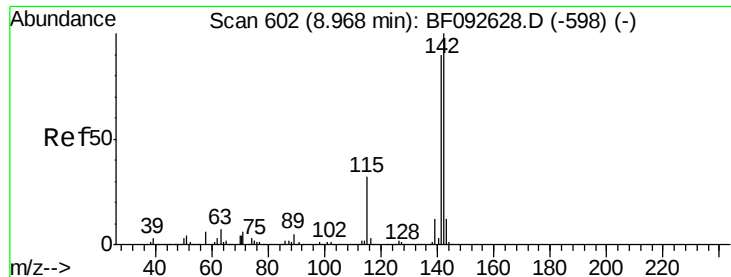
#36
 4-Chloro-3-methylphenol
 Concen: 44.62 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion:107 Resp: 427924
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 75.9 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

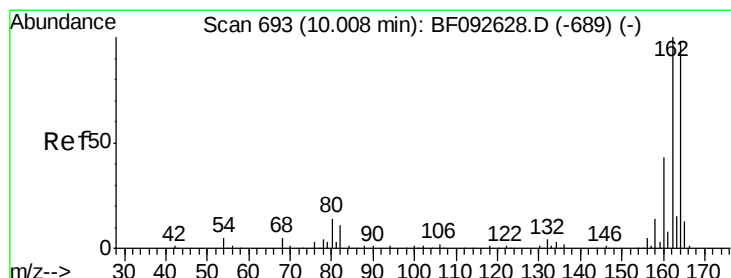
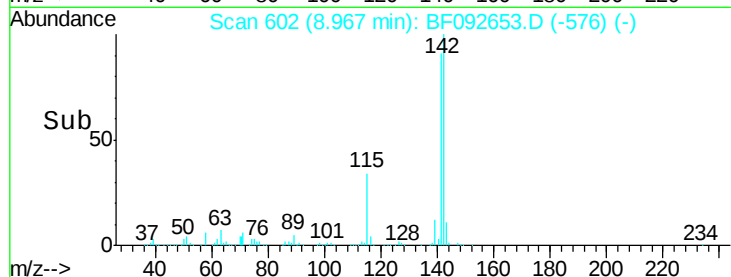
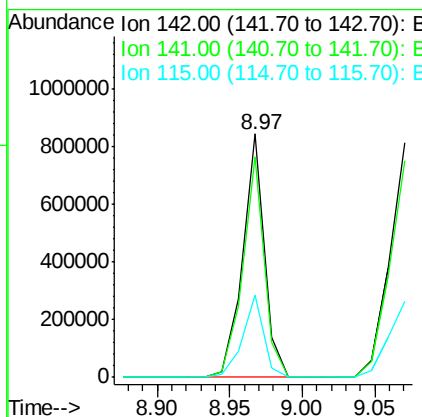
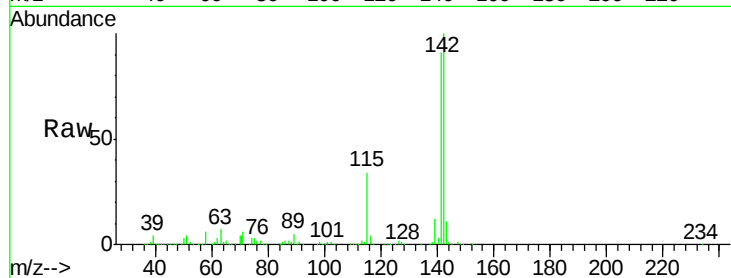




#37
2-Methylnaphthalene
Concen: 42.07 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

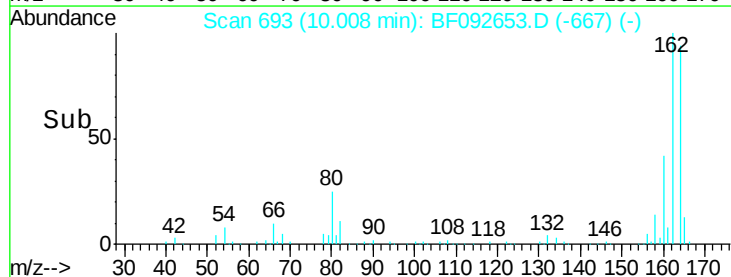
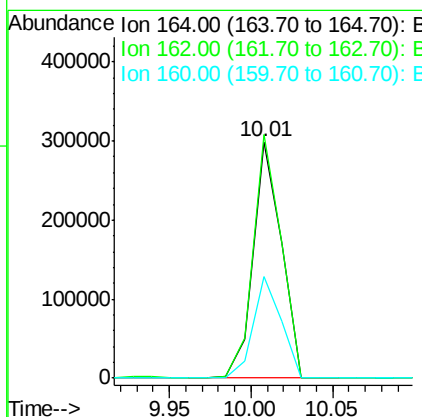
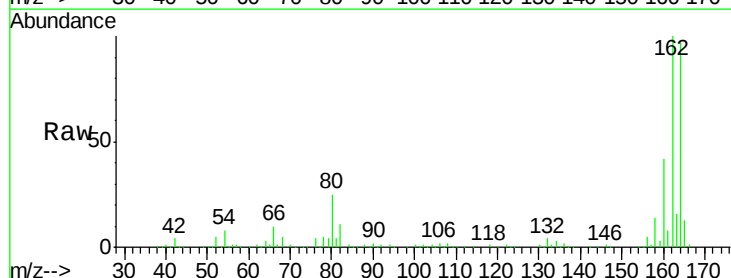
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

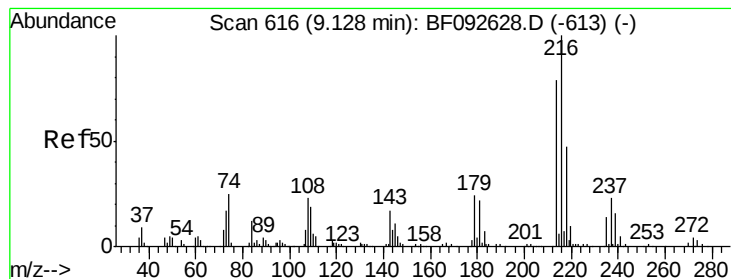
Tgt Ion:142 Resp: 877362
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.6
115 34.0 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:164 Resp: 358615
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 43.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.42 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:216 Resp: 427034

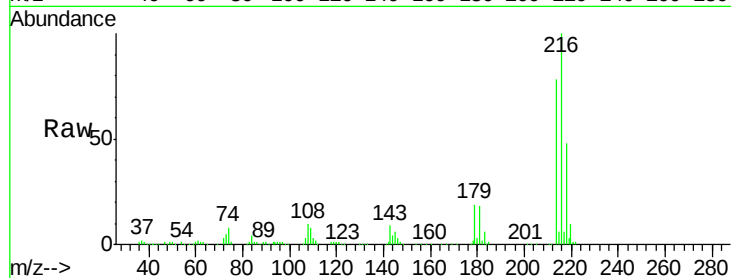
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 20.9 17.4 26.2

108 18.1 15.6 23.4

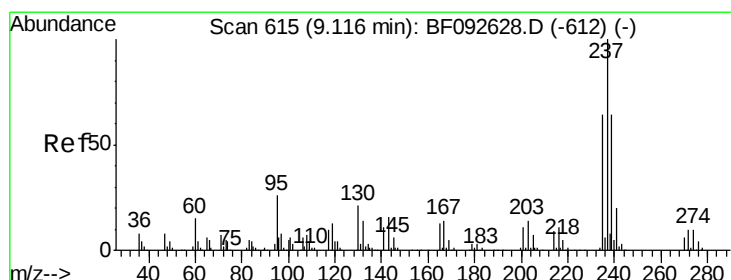
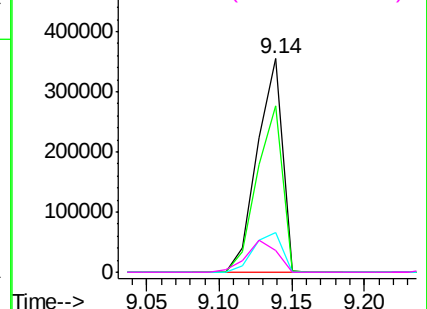
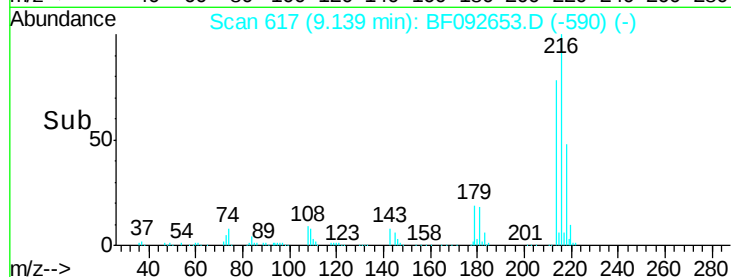


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.46 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

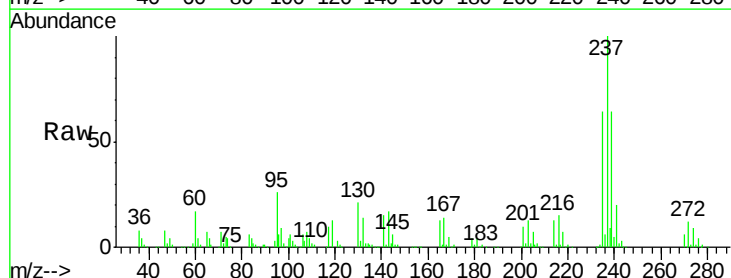
Tgt Ion:237 Resp: 365416

Ion Ratio Lower Upper

237 100

235 63.6 41.2 81.2

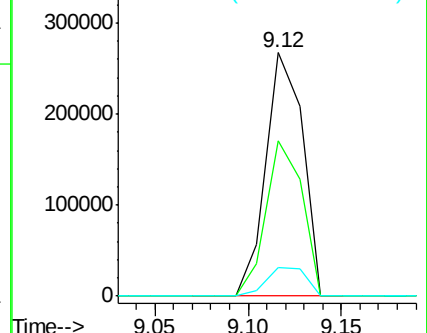
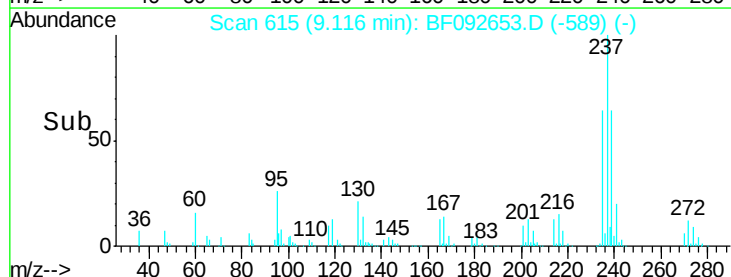
272 11.8 0.0 35.4

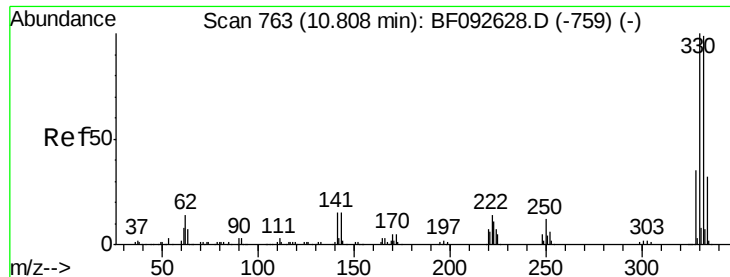


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

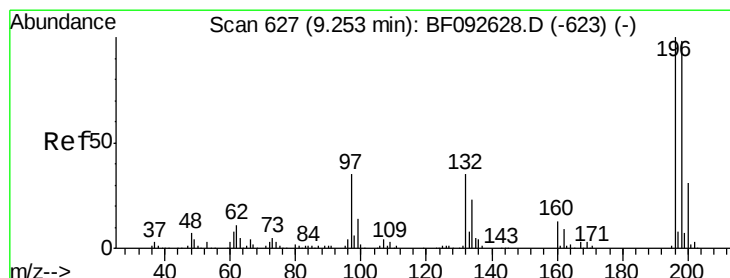
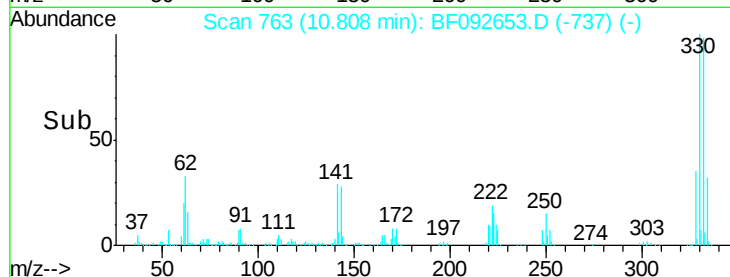
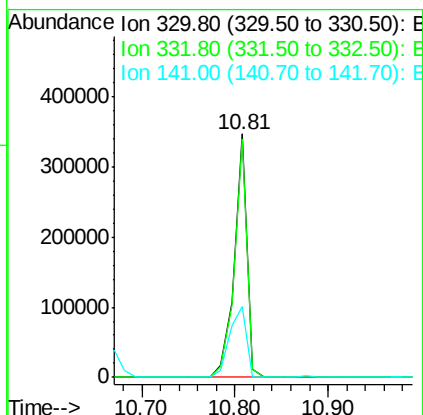
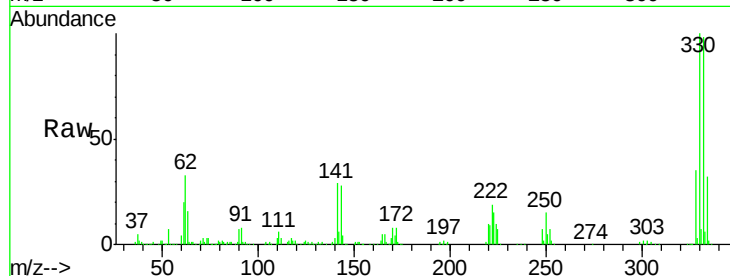




#41
 2,4,6-Tribromophenol
 Concen: 128.56 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

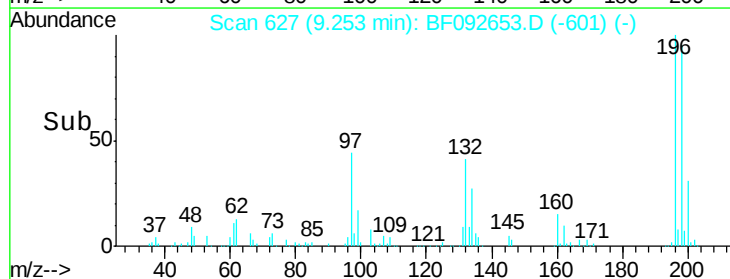
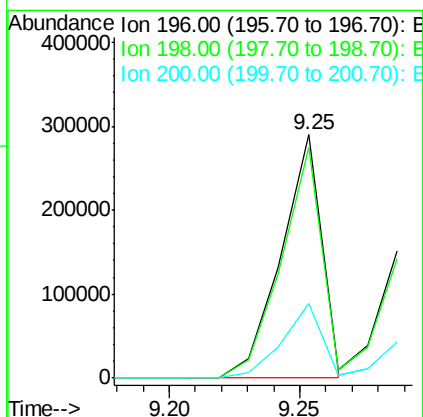
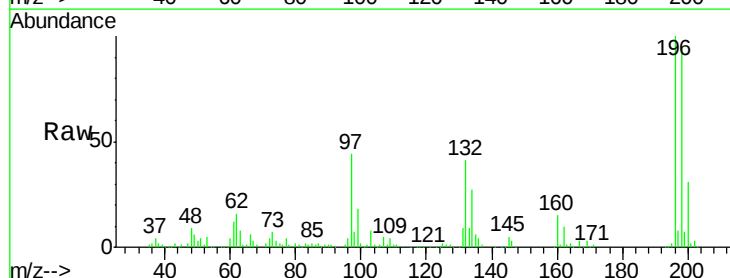
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

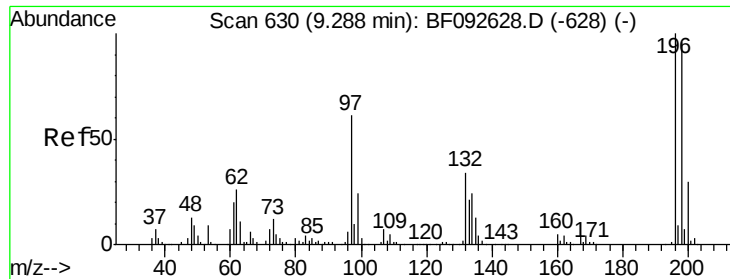
Tgt Ion:330 Resp: 333448
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 38.7 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 47.08 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion:196 Resp: 311403
 Ion Ratio Lower Upper
 196 100
 198 94.5 82.1 123.1
 200 30.6 27.0 40.4

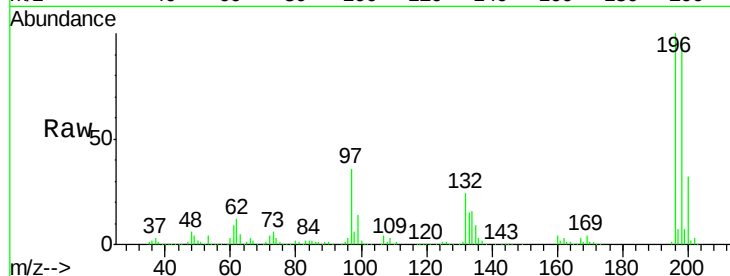




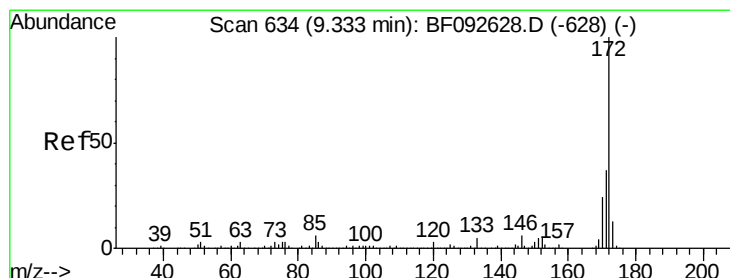
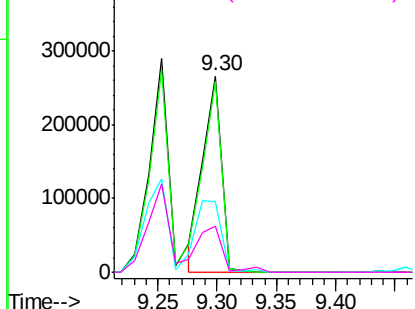
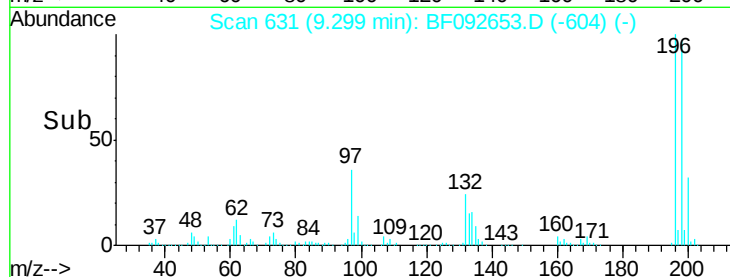
#43
 2,4,5-Trichlorophenol
 Concen: 40.47 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:196 Resp: 293320
 Ion Ratio Lower Upper
 196 100
 198 97.1 79.4 119.2
 97 36.0 51.5 77.3#
 132 23.7 27.4 41.2#

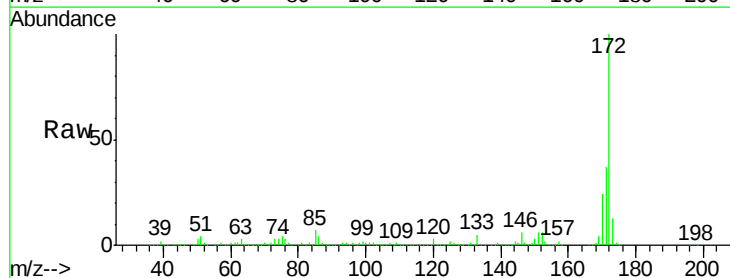


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

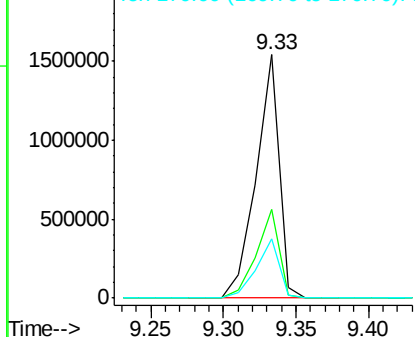
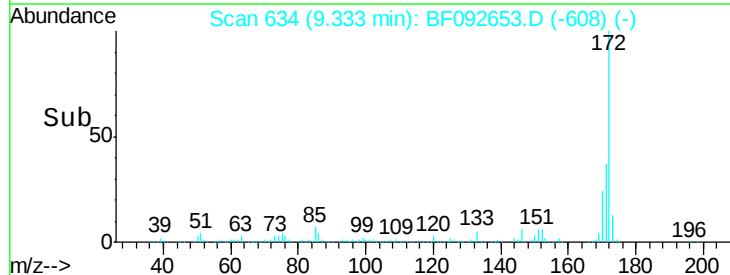


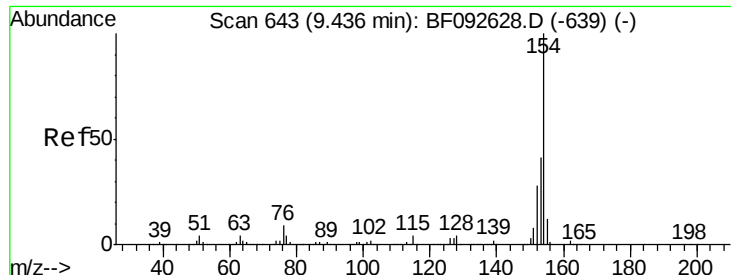
#44
 2-Fluorobiphenyl
 Concen: 85.83 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion:172 Resp: 1698897
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.3 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

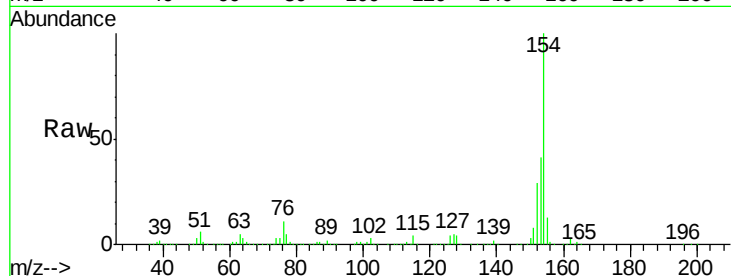




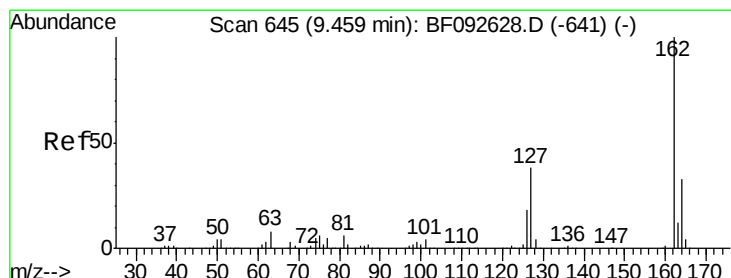
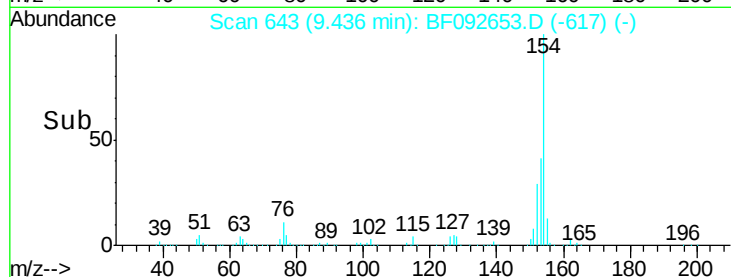
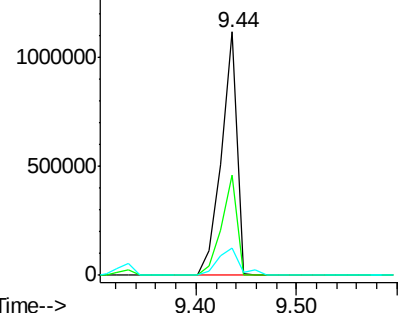
#45
1,1'-Biphenyl
Concen: 46.09 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:154 Resp: 1196842
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 11.3 0.0 30.5

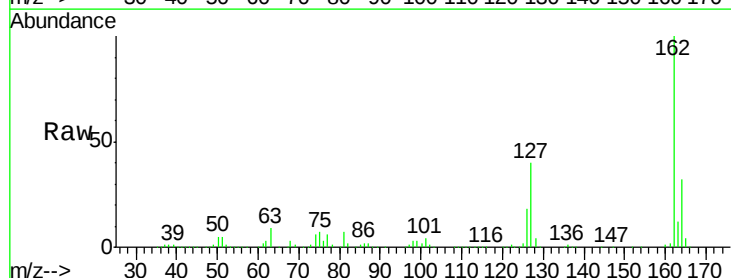


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

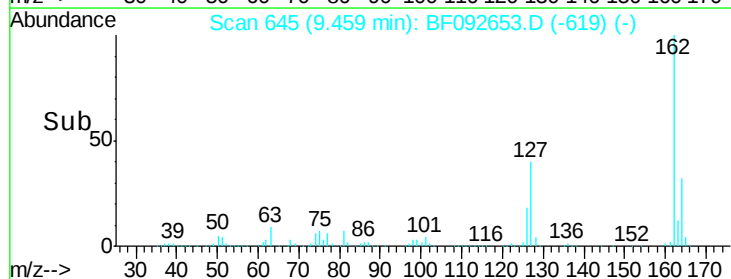
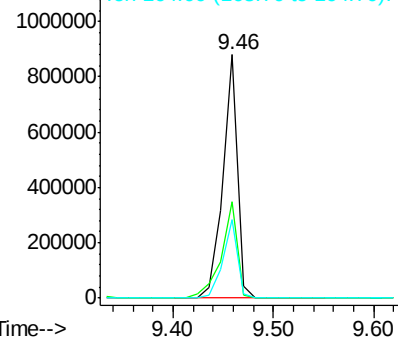


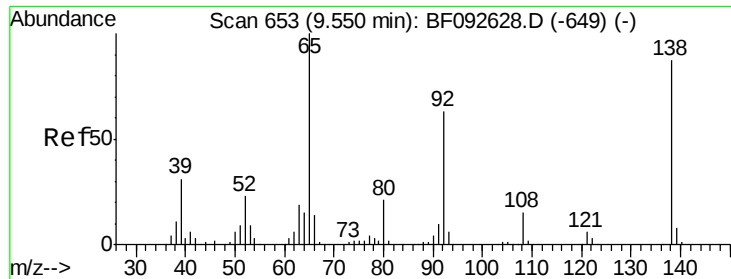
#46
2-Chloronaphthalene
Concen: 43.25 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:162 Resp: 878546
Ion Ratio Lower Upper
162 100
127 39.5 30.7 46.1
164 32.4 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

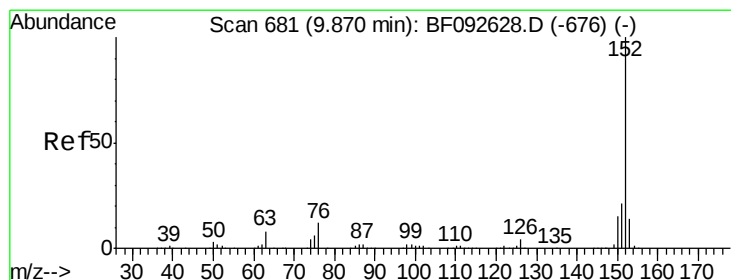
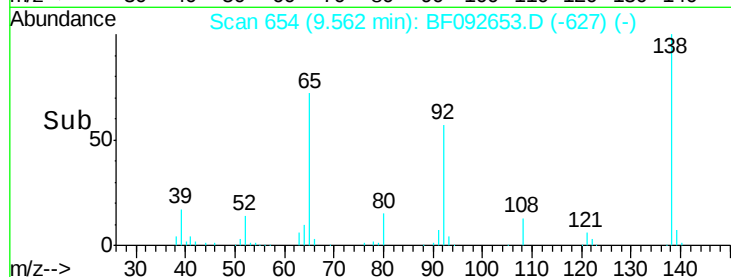
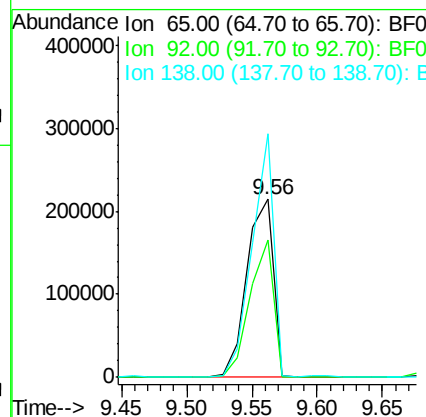
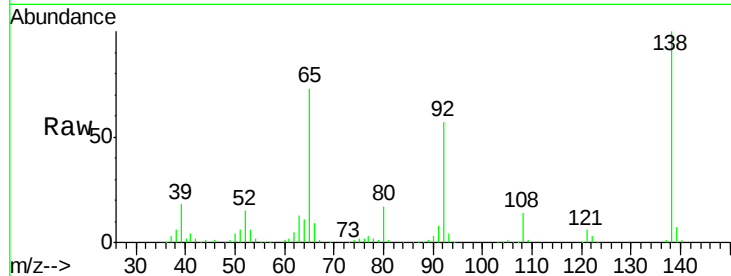




#47
2-Nitroaniline
Concen: 44.45 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

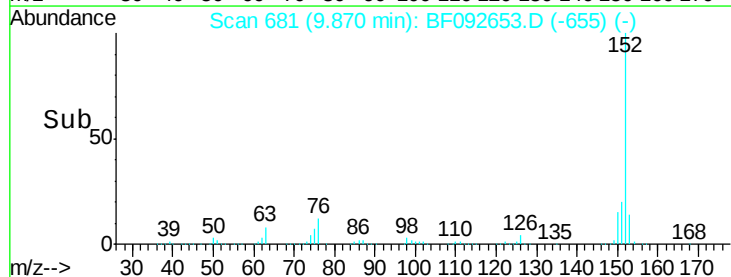
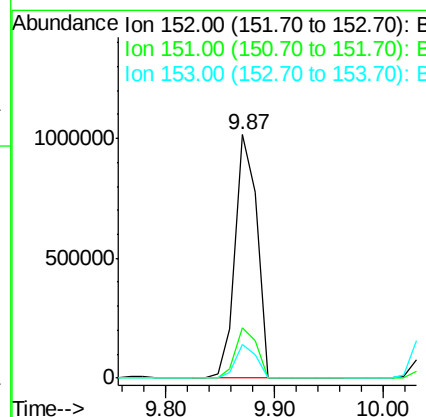
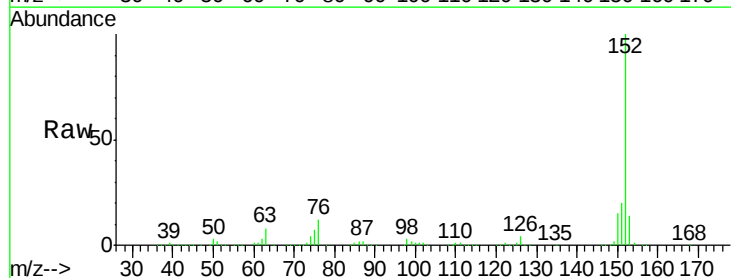
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

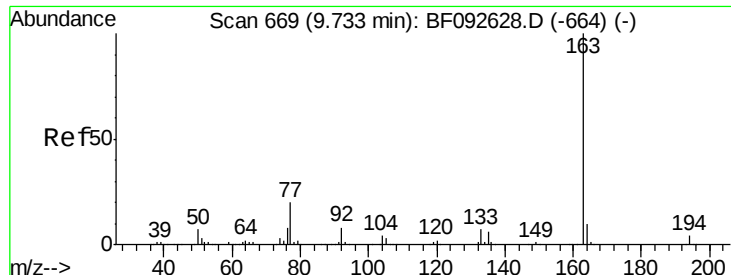
Tgt Ion: 65 Resp: 303574
Ion Ratio Lower Upper
65 100
92 77.6 53.9 80.9
138 136.9 76.8 115.2#



#48
Acenaphthylene
Concen: 39.47 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion: 152 Resp: 1385099
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.7 11.4 17.2

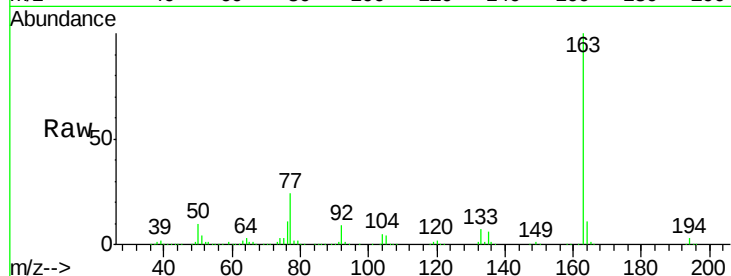




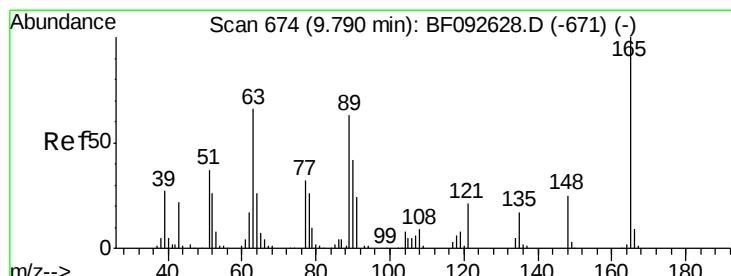
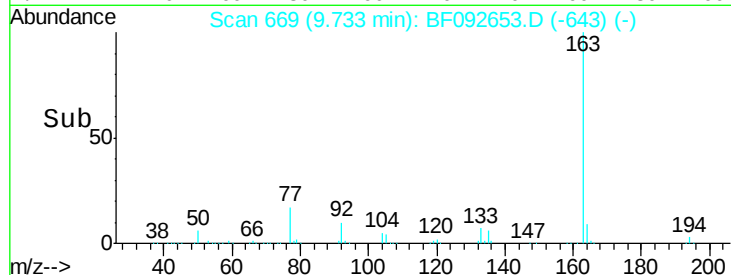
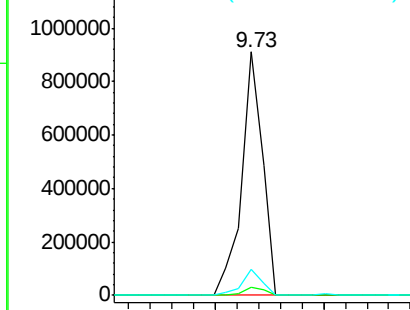
#49
Dimethylphthalate
Concen: 49.85 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:163 Resp: 1204004
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

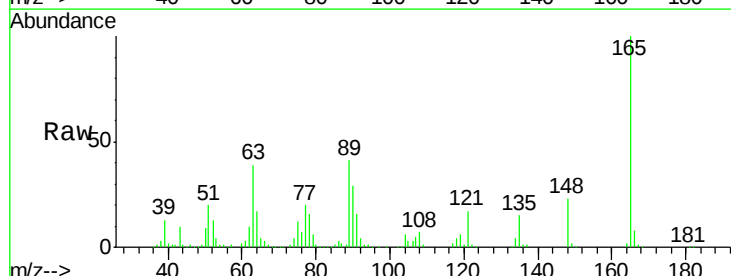


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

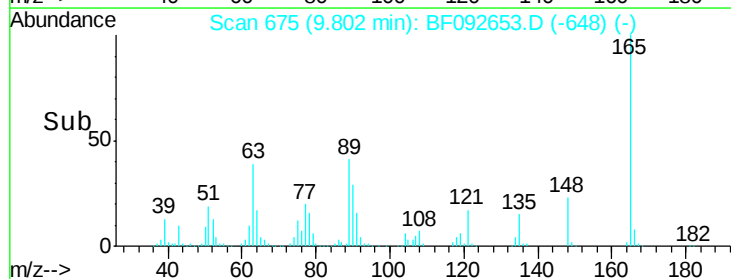
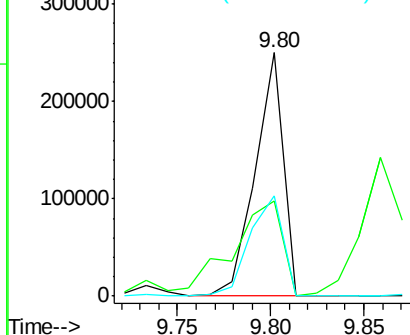


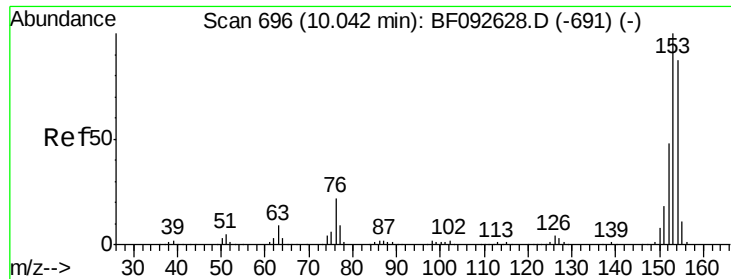
#50
2,6-Dinitrotoluene
Concen: 49.82 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:165 Resp: 259901
Ion Ratio Lower Upper
165 100
63 39.0 36.2 54.4
89 41.0 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.64 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

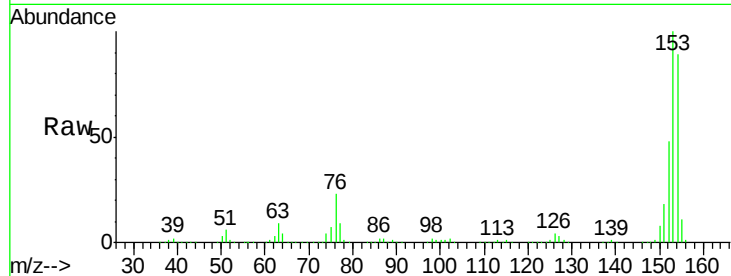
Tgt Ion:154 Resp: 873723

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

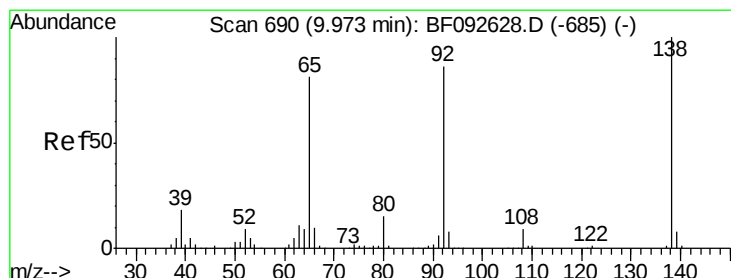
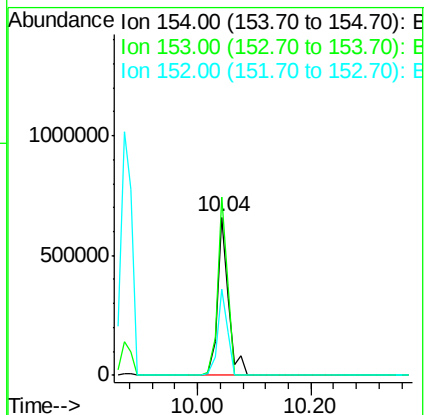
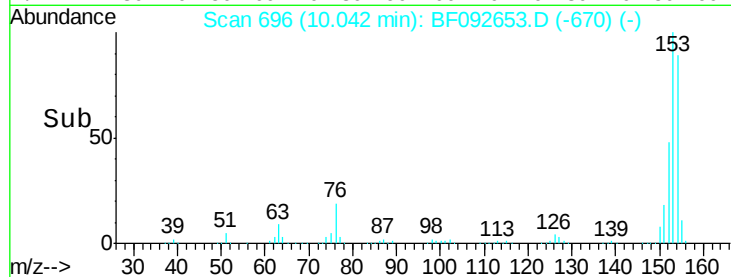
152 54.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.30 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

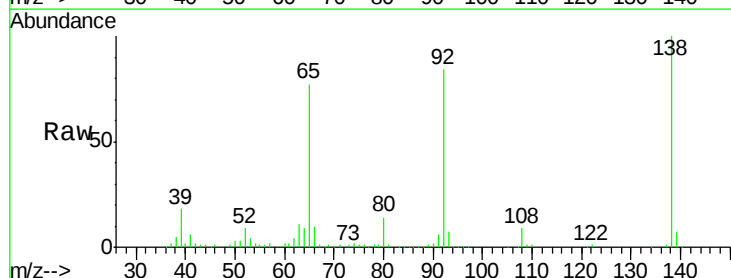
Tgt Ion:138 Resp: 174941

Ion Ratio Lower Upper

138 100

108 8.7 8.5 12.7

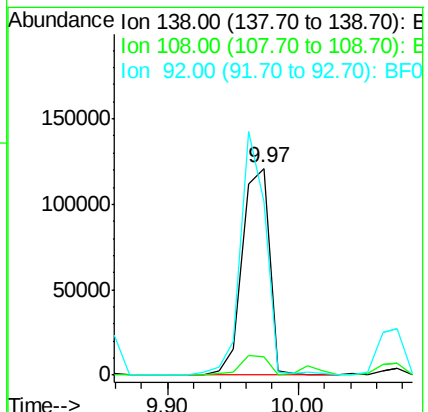
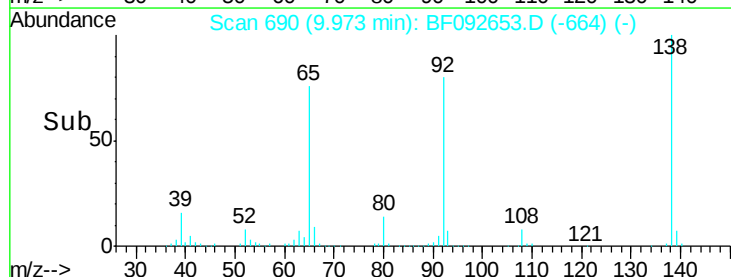
92 83.5 97.8 146.8#

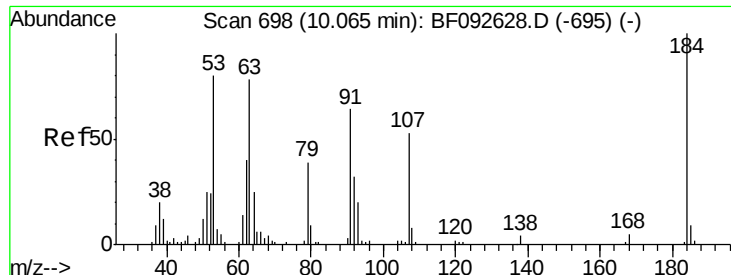


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

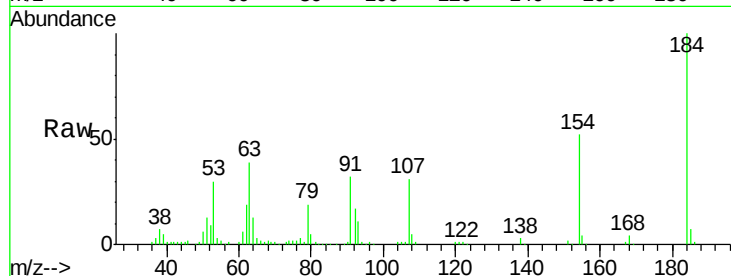




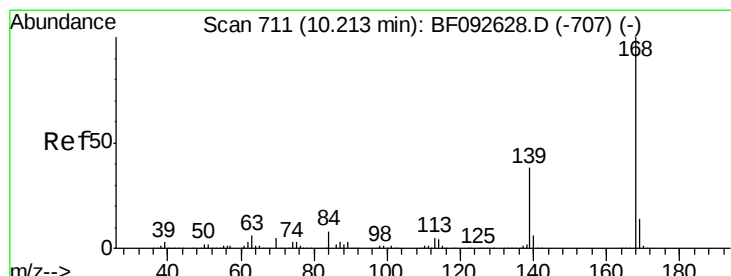
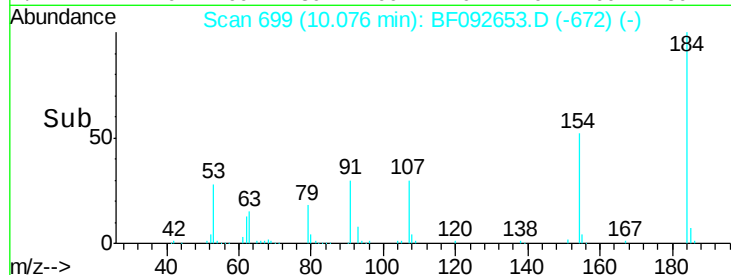
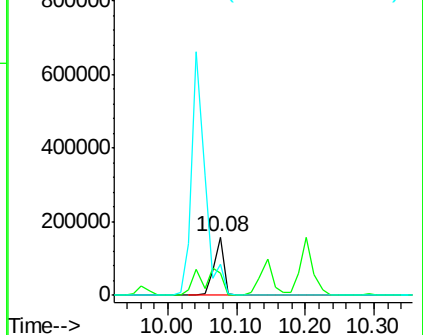
#53
2,4-Dinitrophenol
Concen: 64.75 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:184 Resp: 169289
Ion Ratio Lower Upper
184 100
63 38.7 28.4 42.6
154 52.2 44.3 66.5

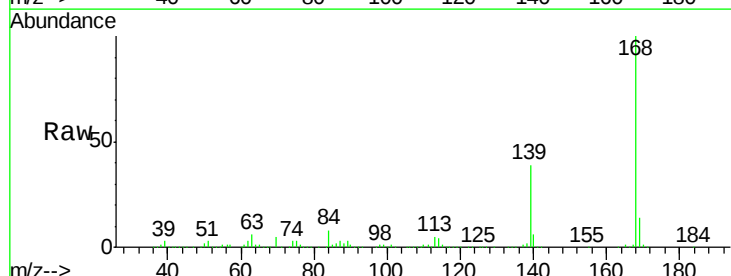


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

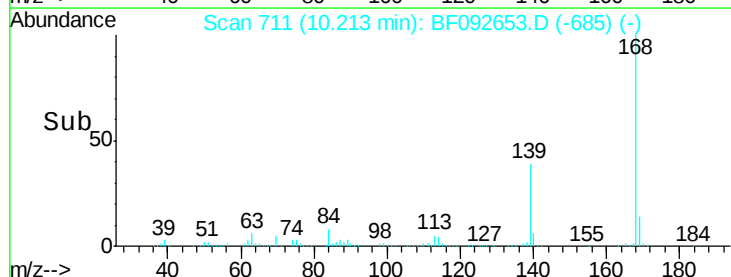
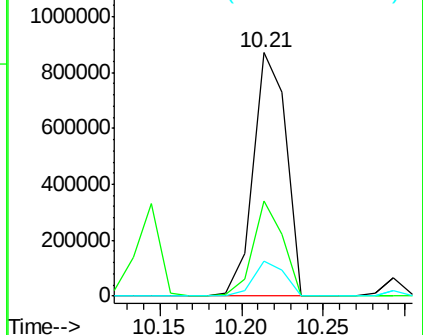


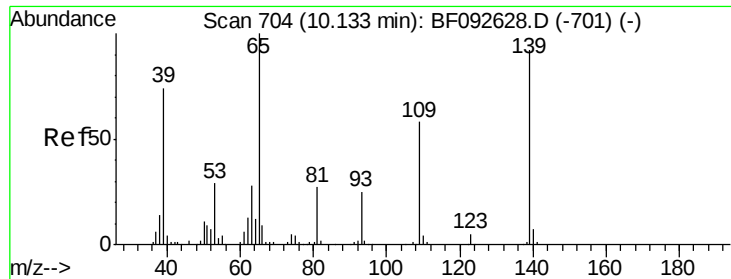
#54
Dibenzofuran
Concen: 43.13 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:168 Resp: 1210438
Ion Ratio Lower Upper
168 100
139 39.0 32.6 49.0
169 14.2 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

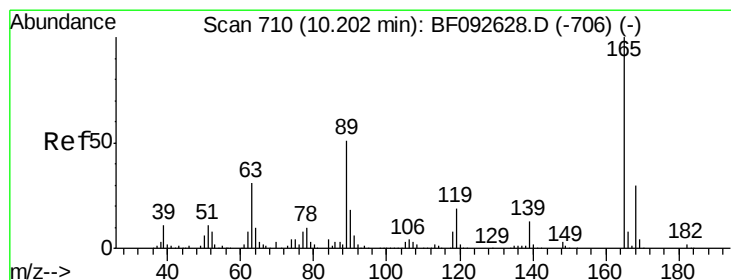
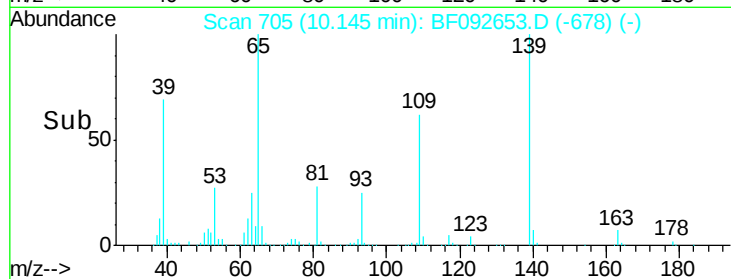
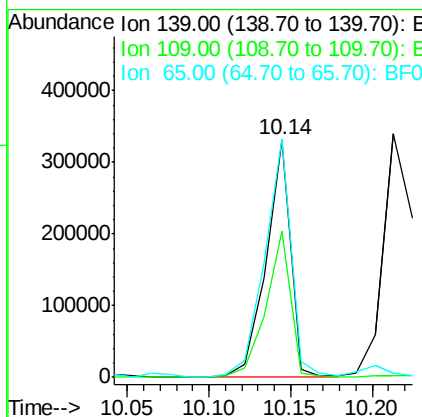
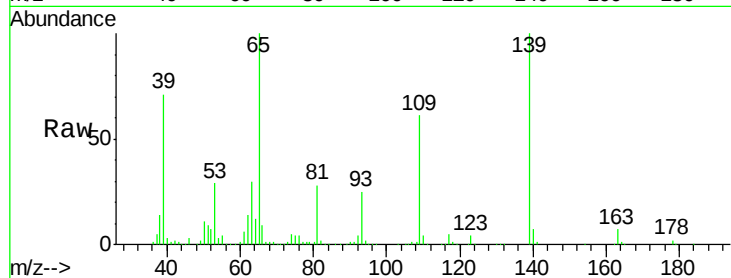




#55
4-Nitrophenol
Concen: 80.68 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

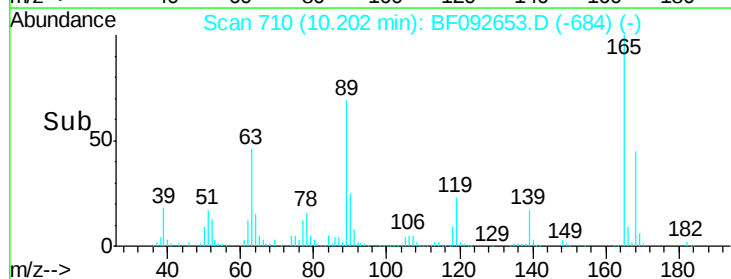
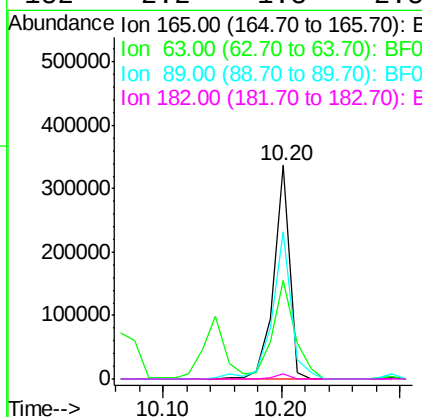
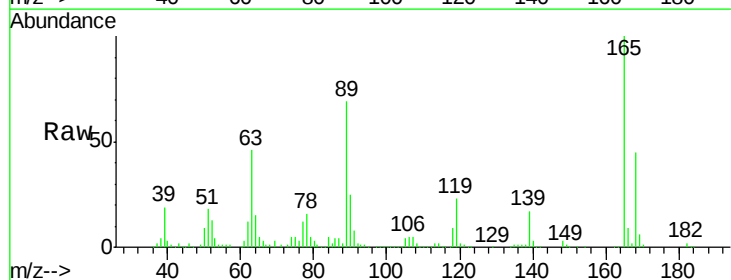
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

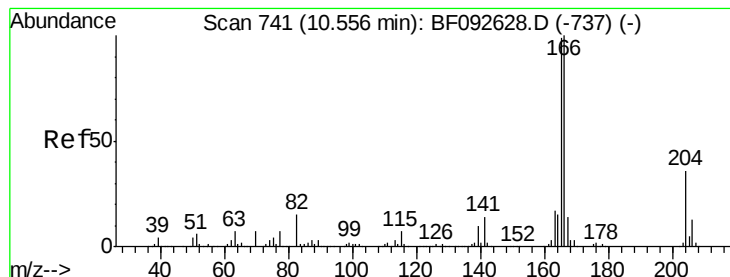
Tgt Ion:139 Resp: 346906
Ion Ratio Lower Upper
139 100
109 61.7 52.2 92.2
65 100.5 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 45.22 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:165 Resp: 314030
Ion Ratio Lower Upper
165 100
63 46.5 40.2 60.4
89 69.1 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 40.86 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

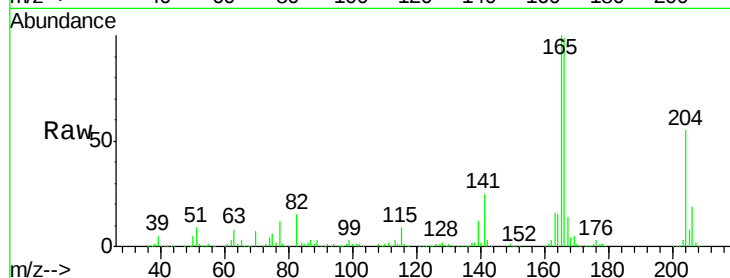
Tgt Ion:166 Resp: 882104

Ion Ratio Lower Upper

166 100

165 100.7 77.8 116.8

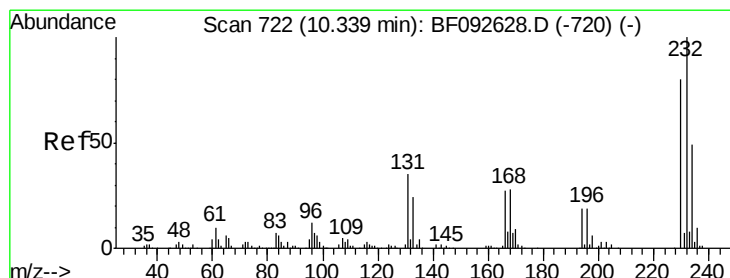
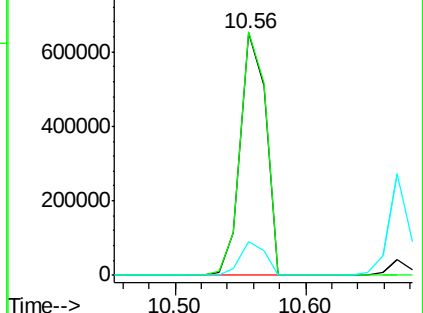
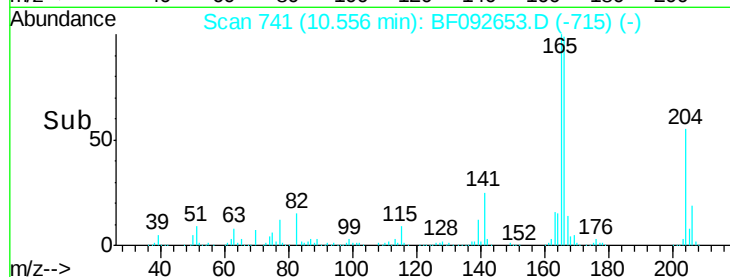
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.47 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion:232 Resp: 248857

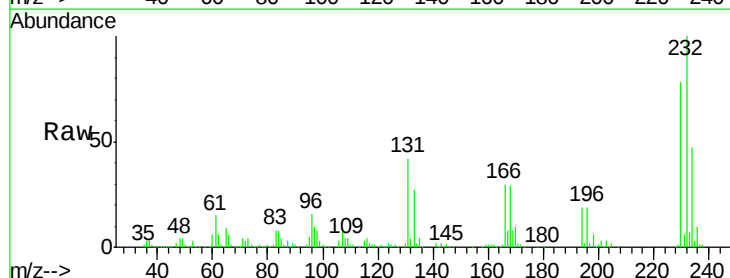
Ion Ratio Lower Upper

232 100

131 47.2 40.1 60.1

130 2.2 1.8 2.8

166 31.3 26.6 39.8

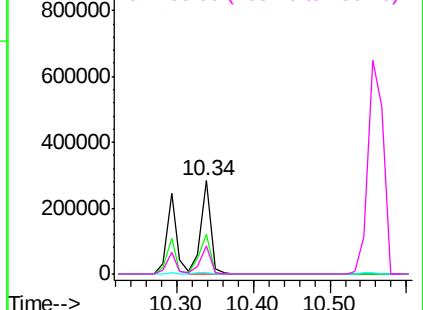
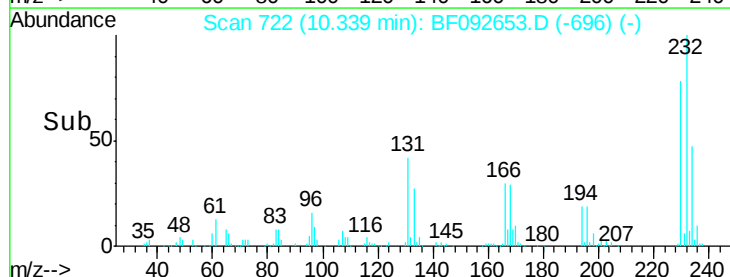


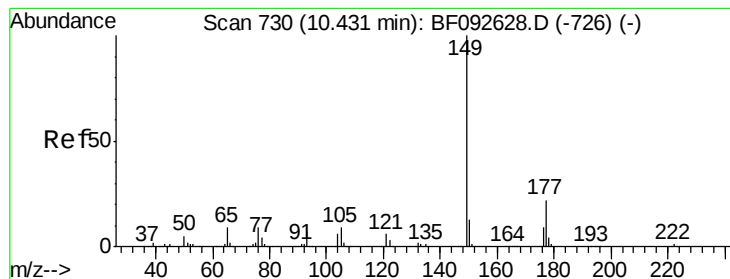
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.29 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

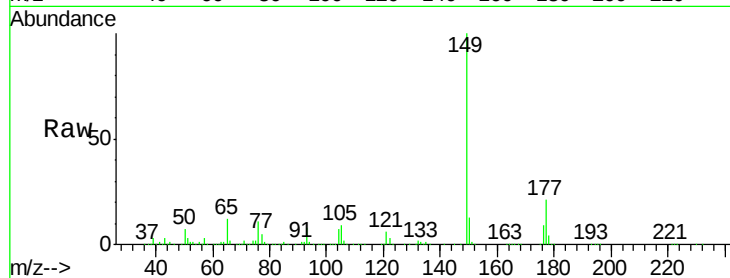
Tgt Ion:149 Resp: 962646

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

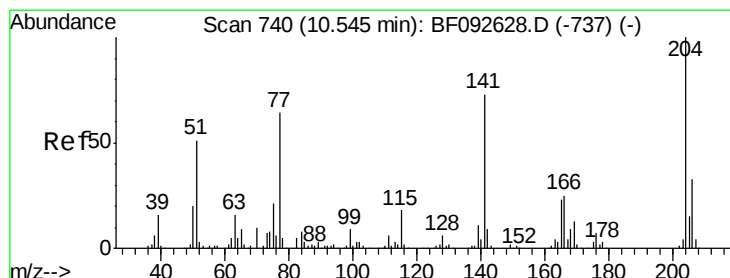
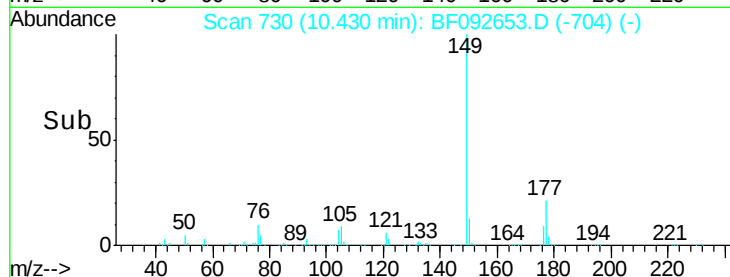
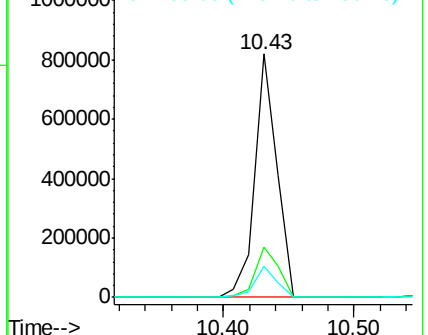
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.92 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

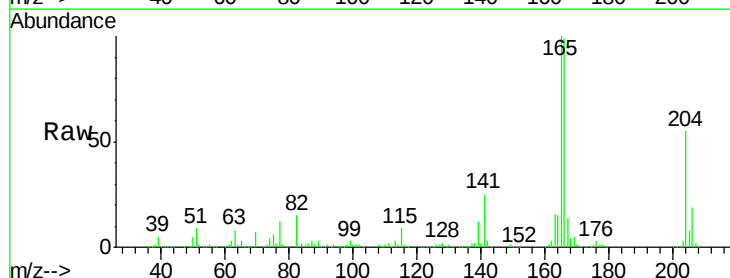
Tgt Ion:204 Resp: 434838

Ion Ratio Lower Upper

204 100

206 35.1 25.8 38.6

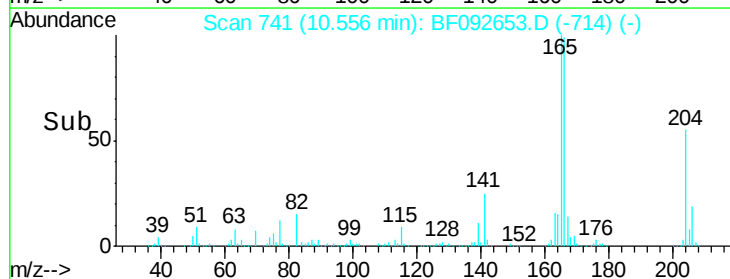
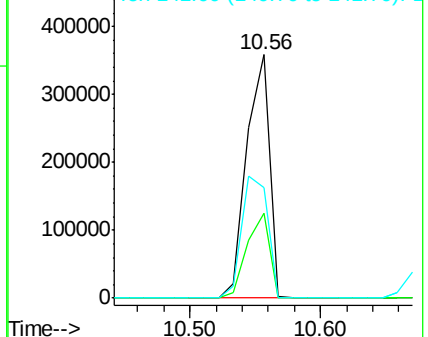
141 45.2 59.4 89.0#

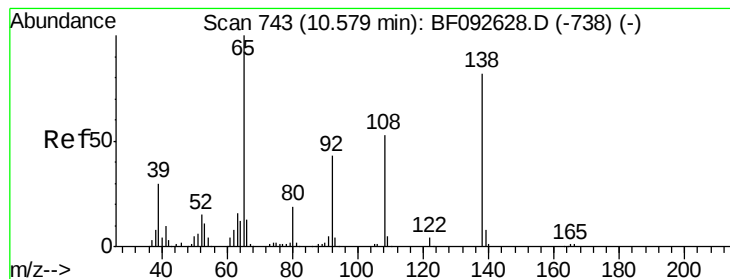


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.33 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

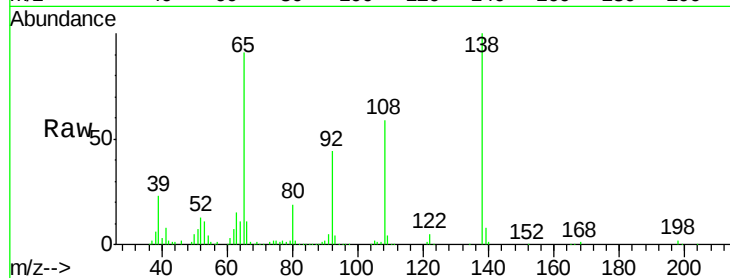
Tgt Ion:138 Resp: 258812

Ion Ratio Lower Upper

138 100

92 43.8 31.7 71.7

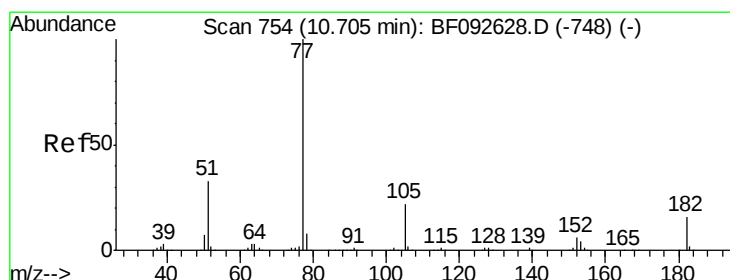
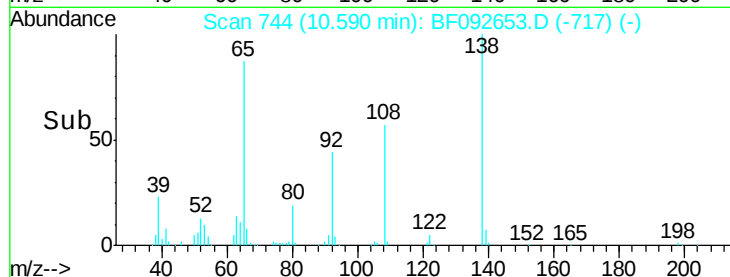
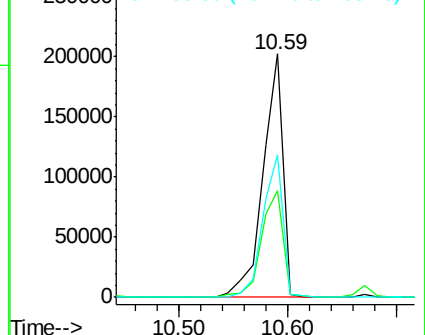
108 58.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.00 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Tgt Ion: 77 Resp: 1105395

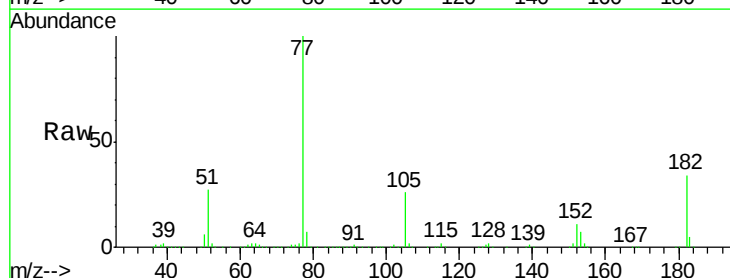
Ion Ratio Lower Upper

77 100

182 34.1 0.0 39.3

105 26.4 2.3 42.3

51 27.2 8.9 48.9

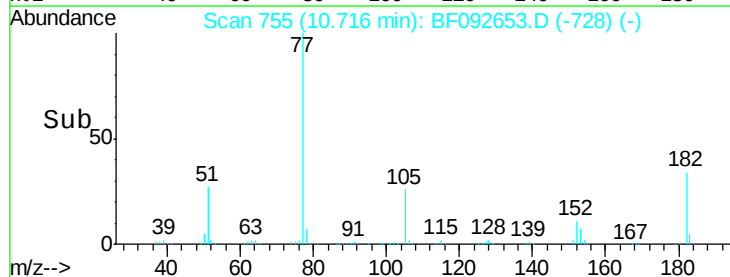
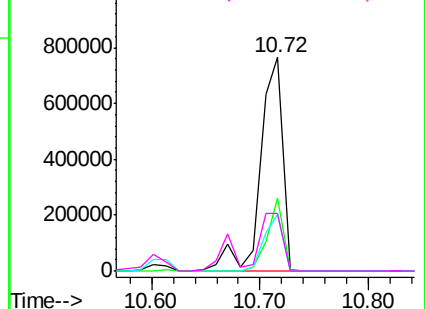


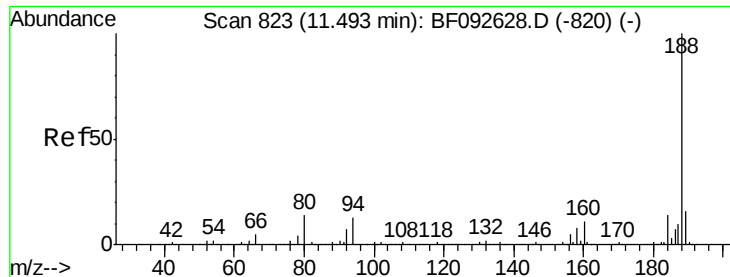
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

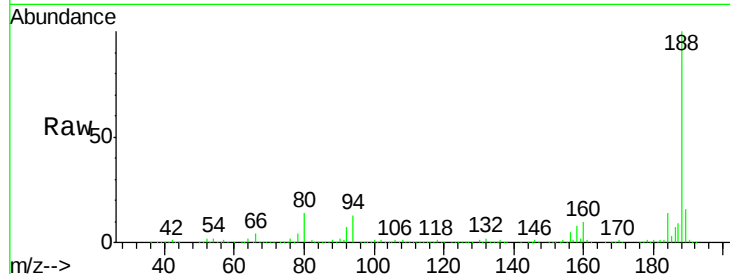




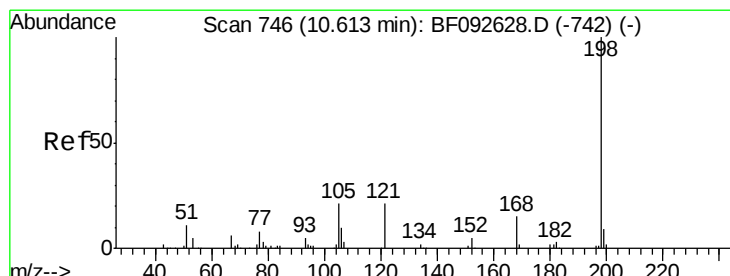
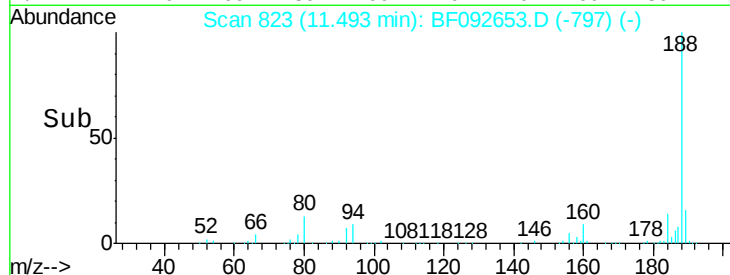
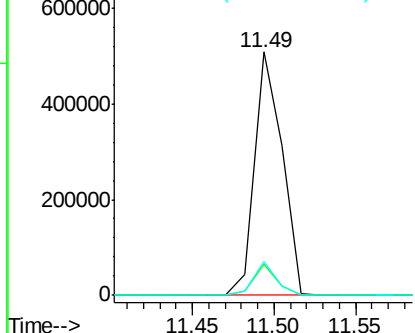
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:188 Resp: 598167
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 13.8 11.2 16.8

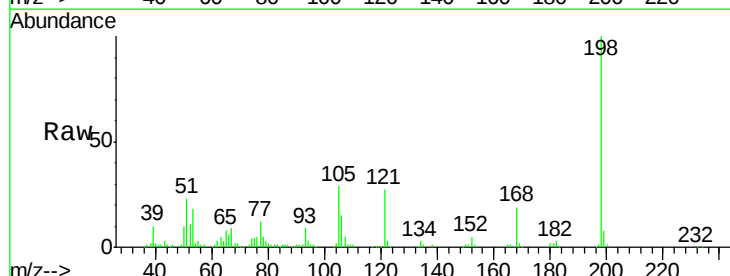


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

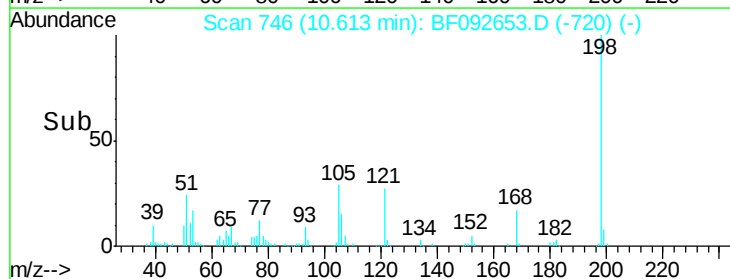
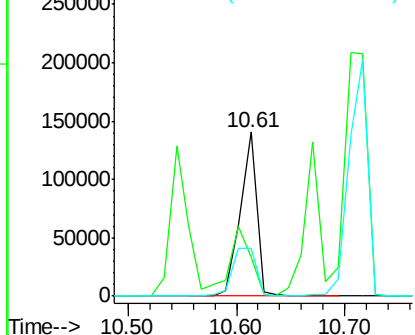


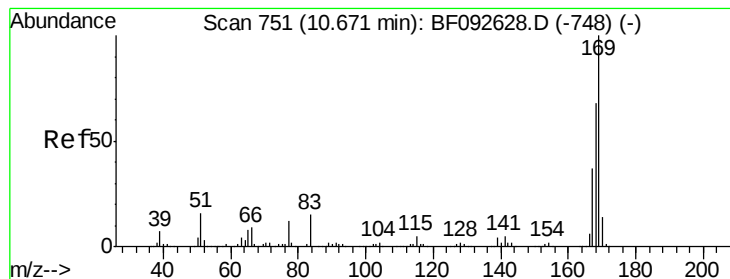
#64
4,6-Dinitro-2-methylphenol
Concen: 40.55 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:198 Resp: 146035
Ion Ratio Lower Upper
198 100
51 23.5 6.7 46.7
105 28.9 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.87 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

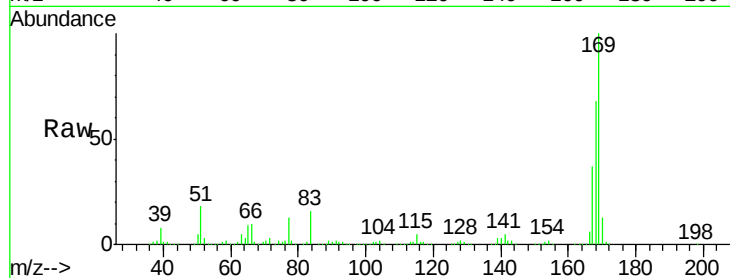
Tgt Ion:169 Resp: 781056

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

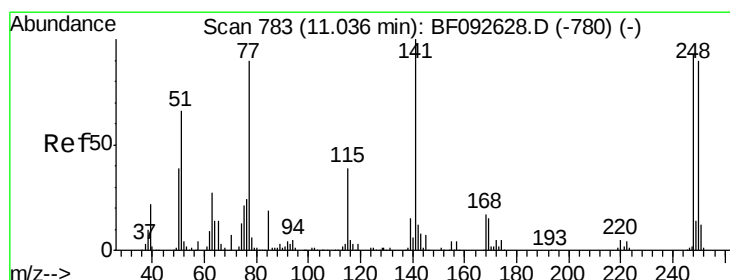
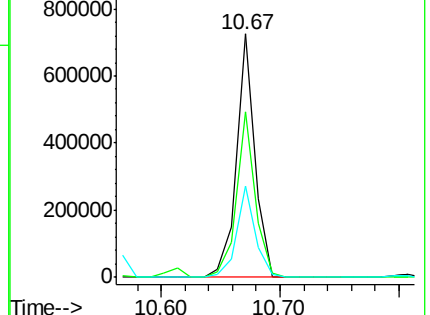
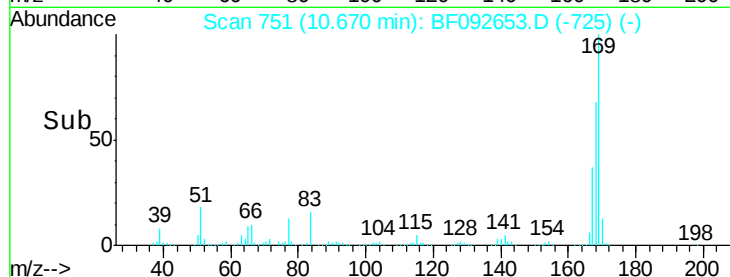
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.55 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

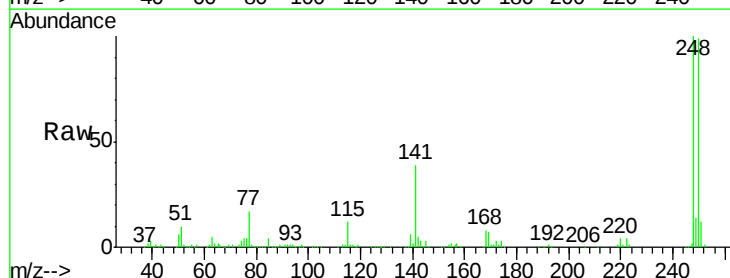
Tgt Ion:248 Resp: 265891

Ion Ratio Lower Upper

248 100

250 99.4 76.9 115.3

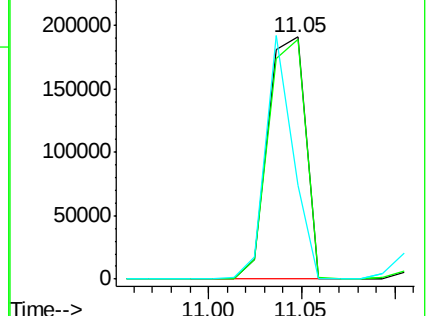
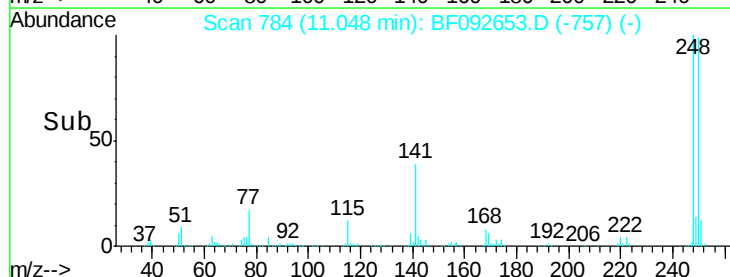
141 38.6 68.2 102.4#

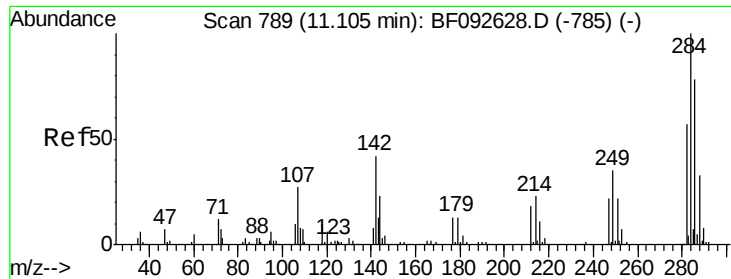


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

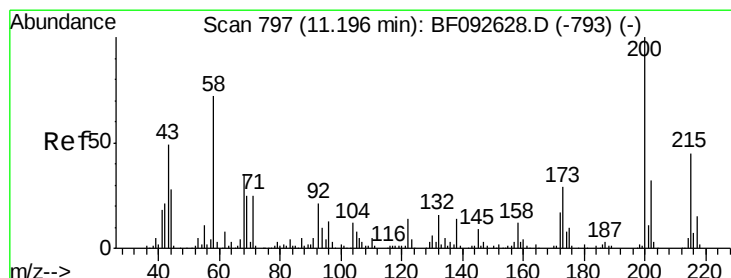
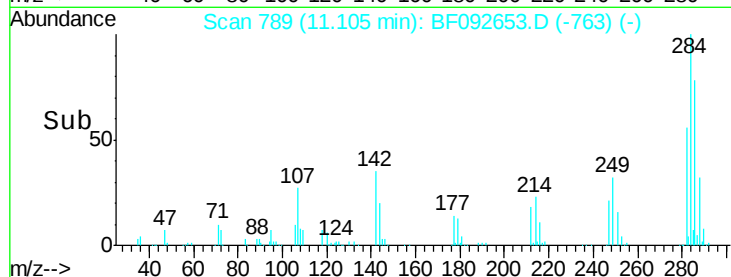
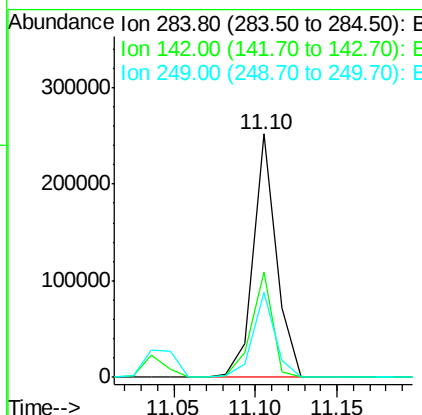
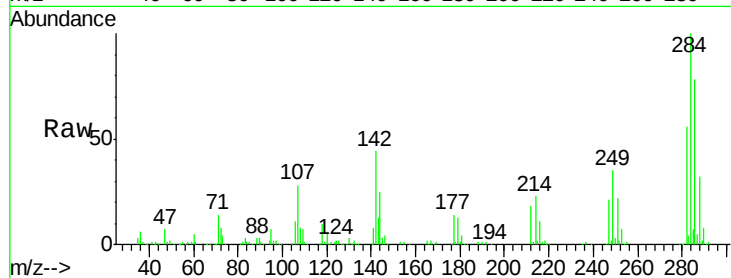




#67
Hexachlorobenzene
Concen: 40.19 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

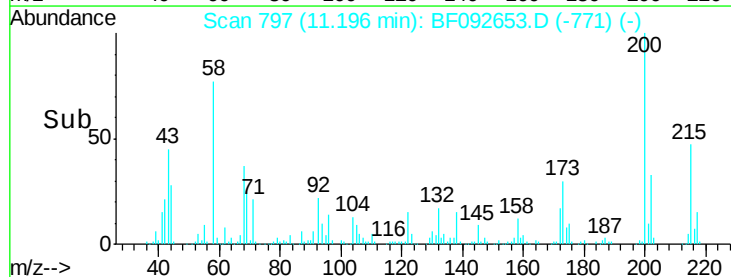
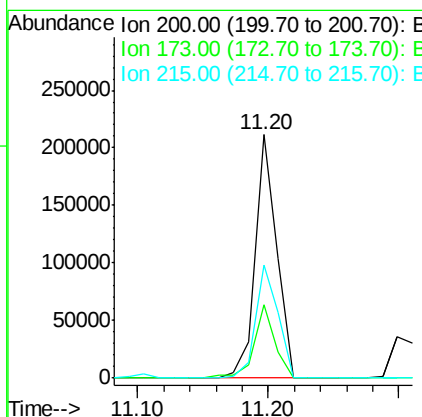
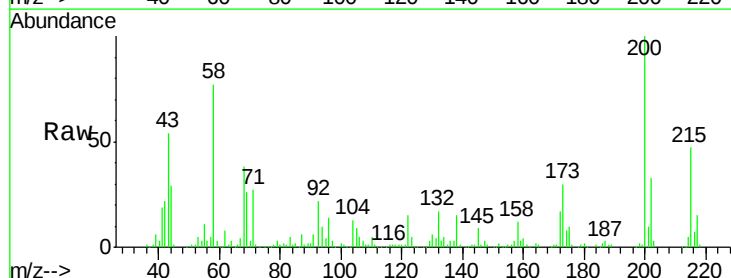
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

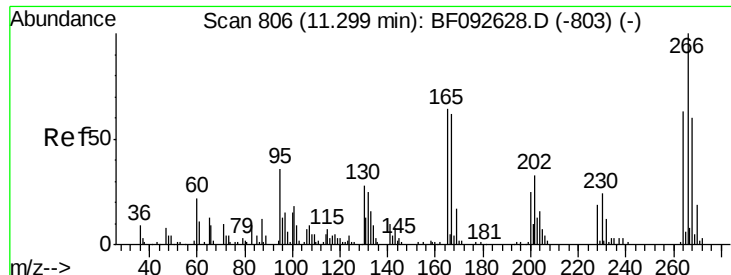
Tgt Ion:284 Resp: 248189
Ion Ratio Lower Upper
284 100
142 43.5 22.6 33.8#
249 34.9 25.4 38.0



#68
Atrazine
Concen: 39.45 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:200 Resp: 241883
Ion Ratio Lower Upper
200 100
173 29.9 9.6 49.6
215 46.5 25.7 65.7

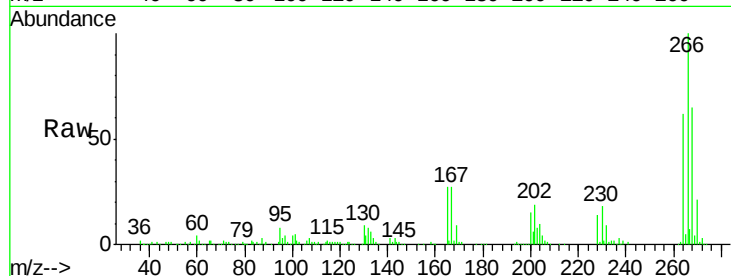




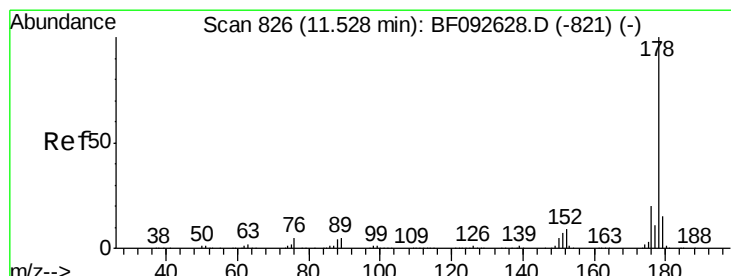
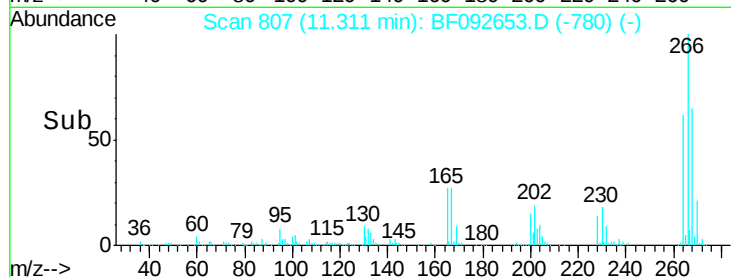
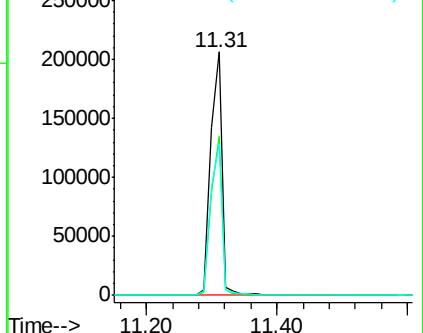
#69
 Pentachlorophenol
 Concen: 80.41 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion: 266 Resp: 256495
 Ion Ratio Lower Upper
 266 100
 268 65.2 53.3 79.9
 264 62.1 50.3 75.5

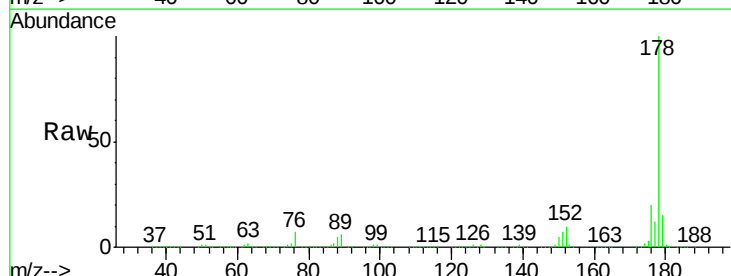


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

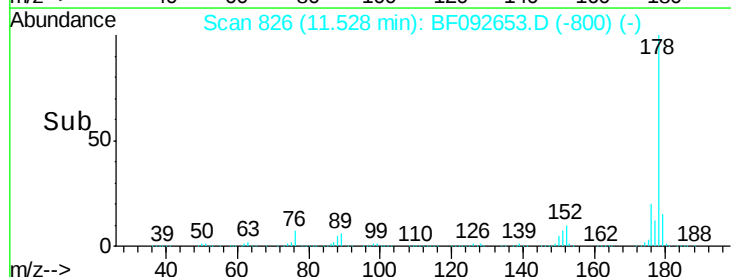
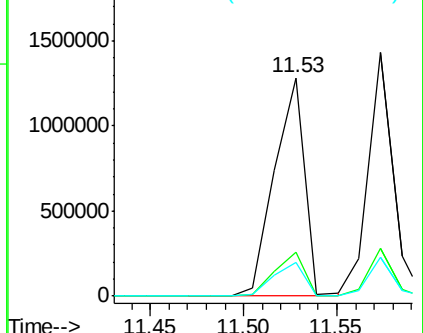


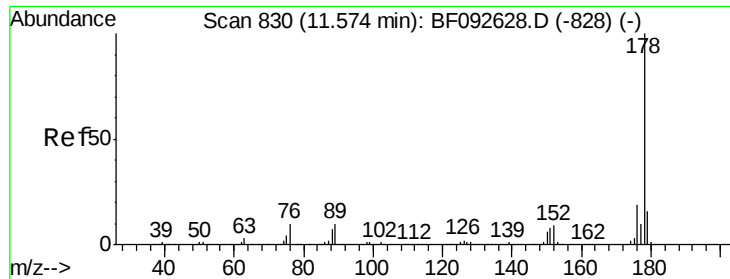
#70
 Phenanthrene
 Concen: 42.11 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion: 178 Resp: 1443060
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

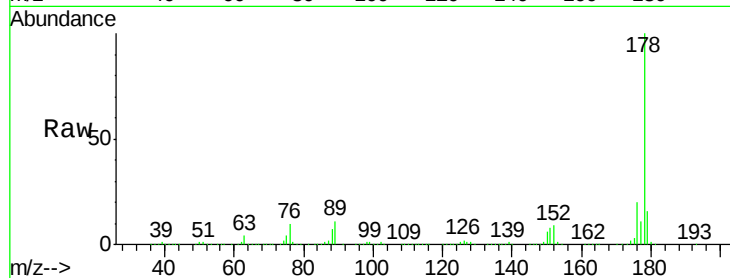




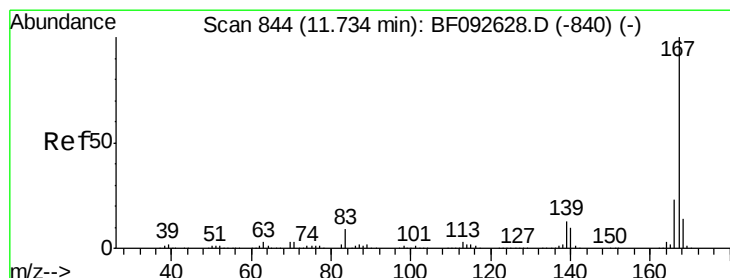
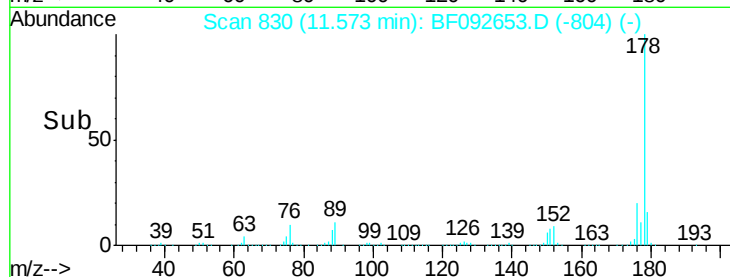
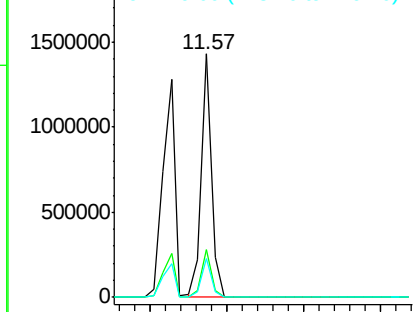
#71
 Anthracene
 Concen: 37.87 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:178 Resp: 1303180
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8

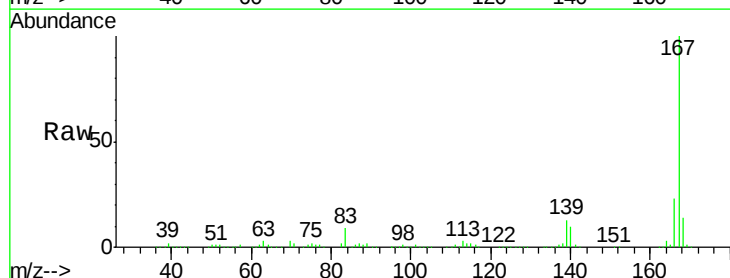


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

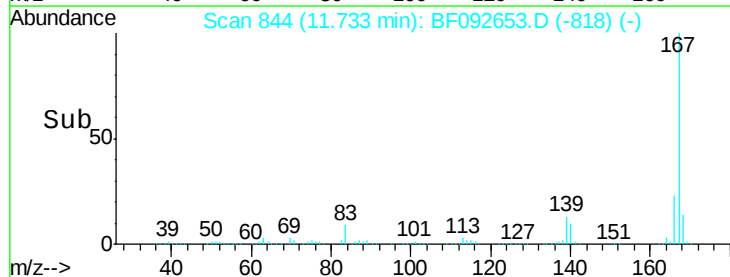
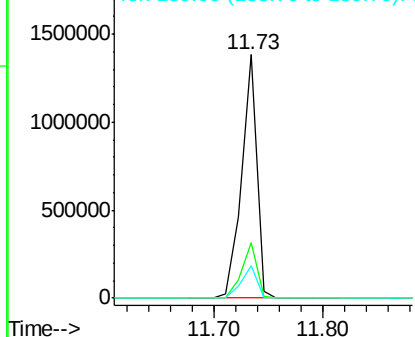


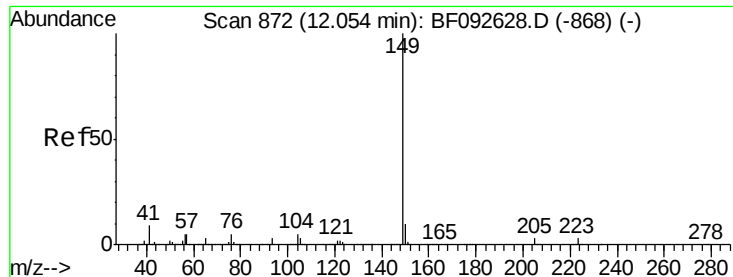
#72
 Carbazole
 Concen: 40.00 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion:167 Resp: 1315927
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.1 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

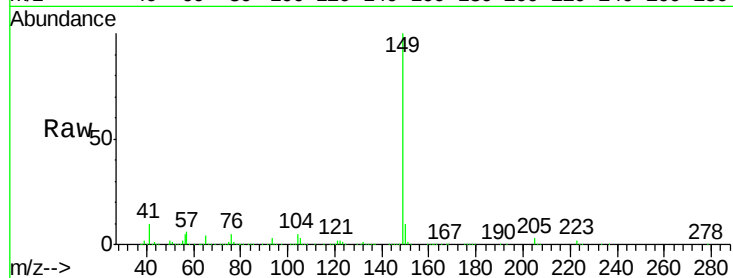
Tgt Ion:149 Resp: 1430603

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

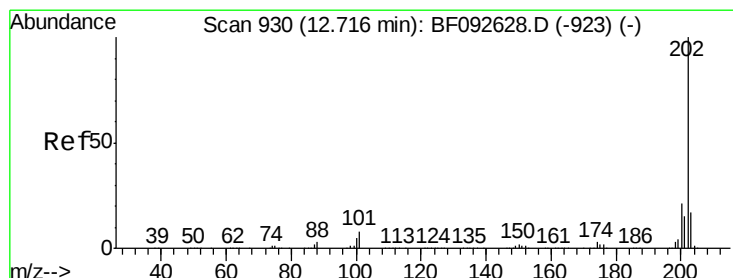
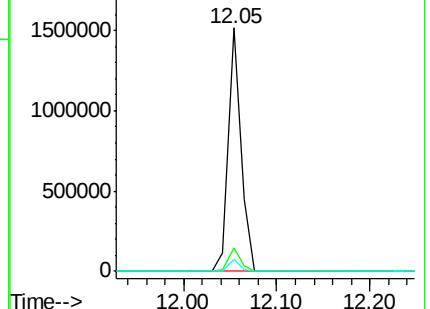
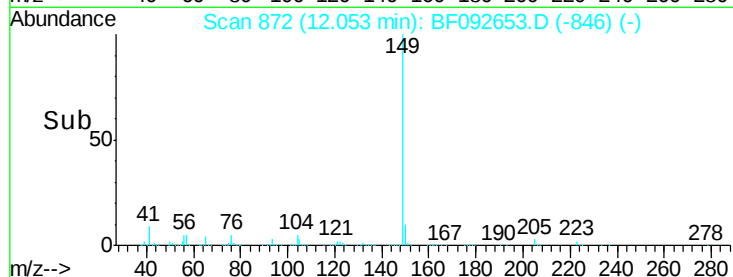
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.12 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

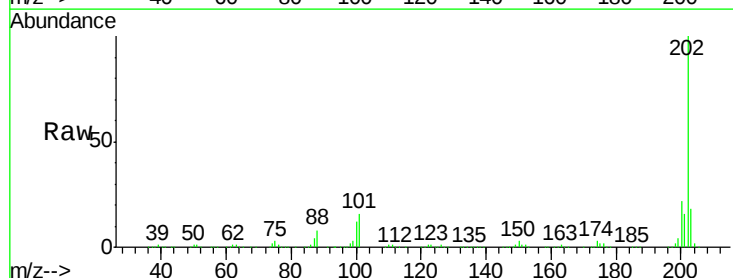
Tgt Ion:202 Resp: 1382972

Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.6

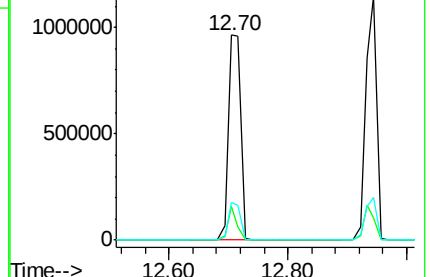
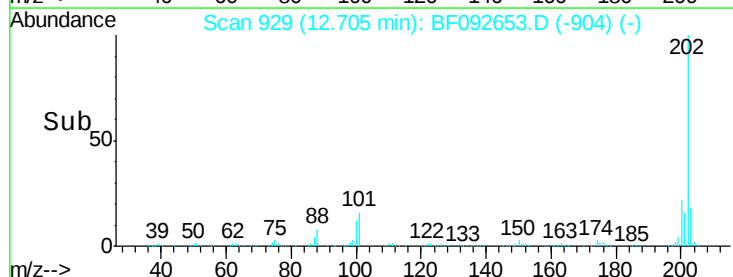
203 18.2 0.0 38.7

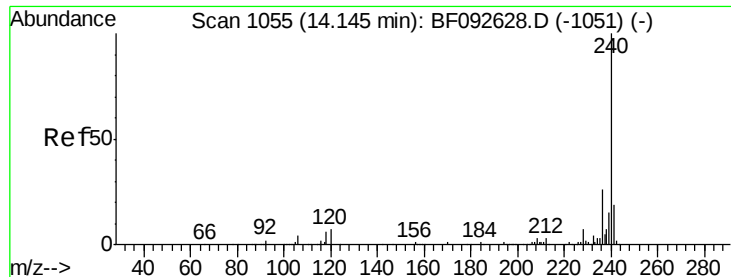


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

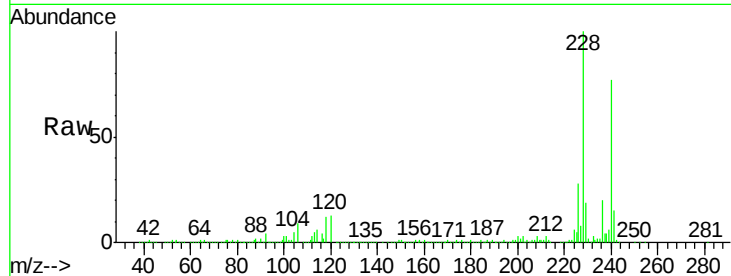
Tgt Ion:240 Resp: 419502

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

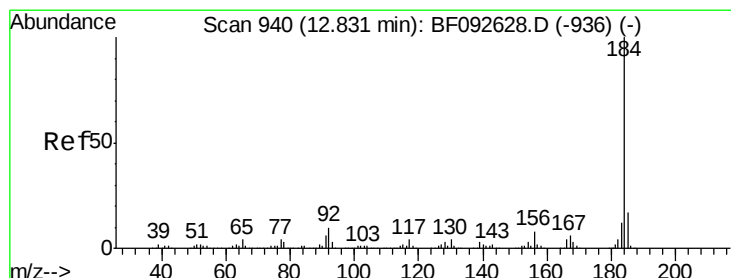
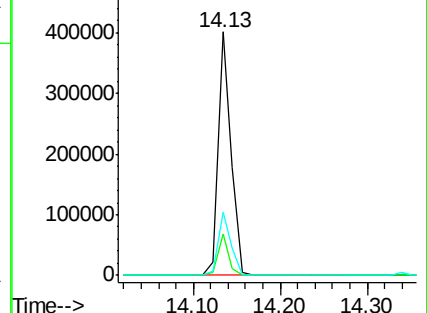
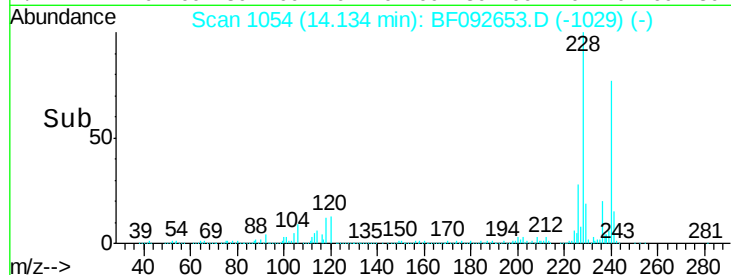
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.93 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

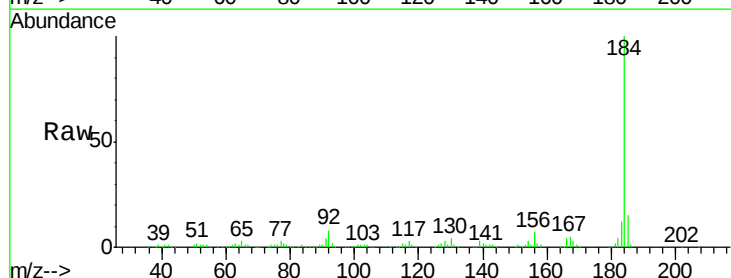
Tgt Ion:184 Resp: 213306

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

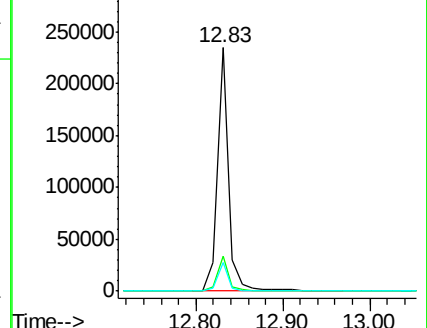
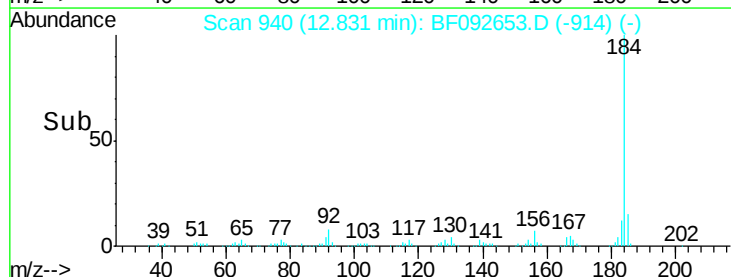
183 11.8 9.2 13.8

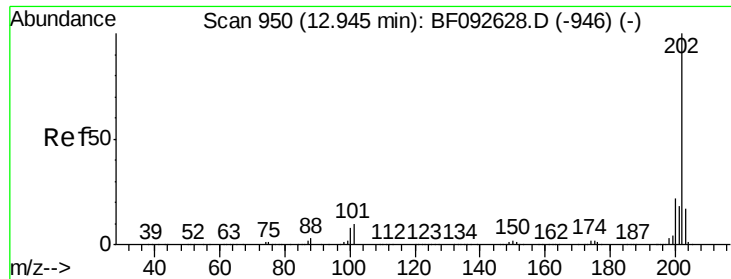


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

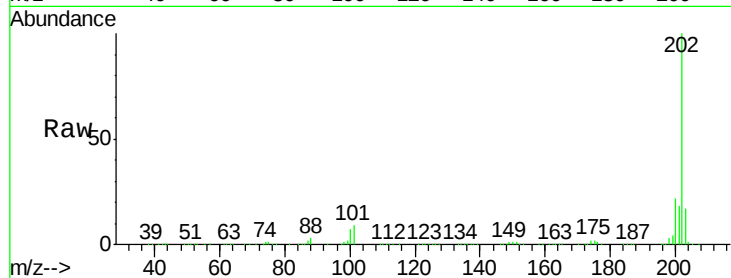




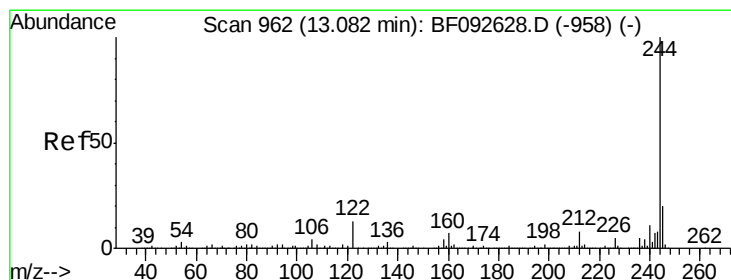
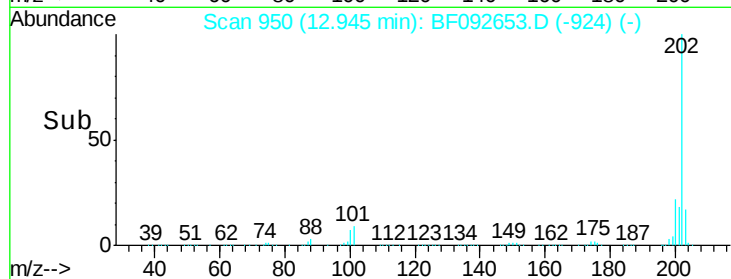
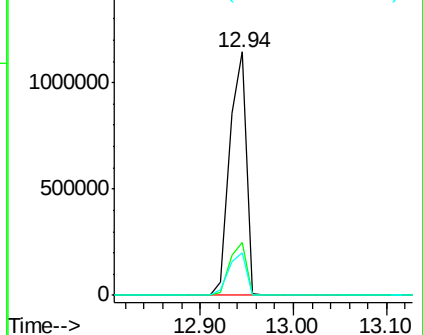
#77
 Pyrene
 Concen: 45.51 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion: 202 Resp: 1428641
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 17.3 14.7 22.1

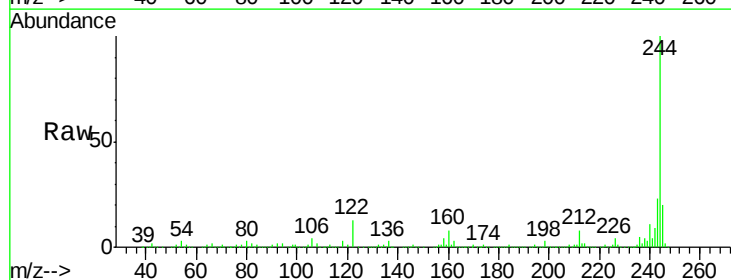


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

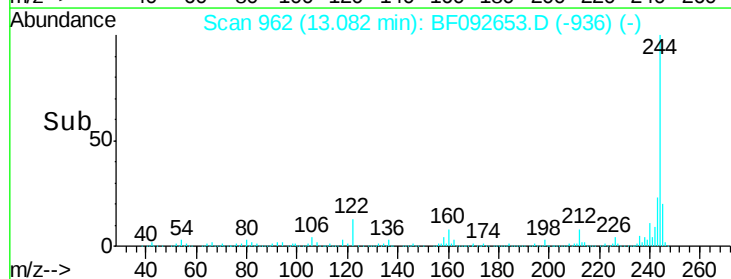
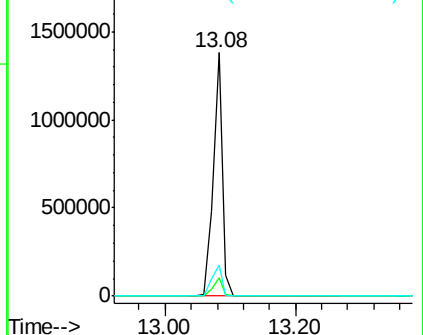


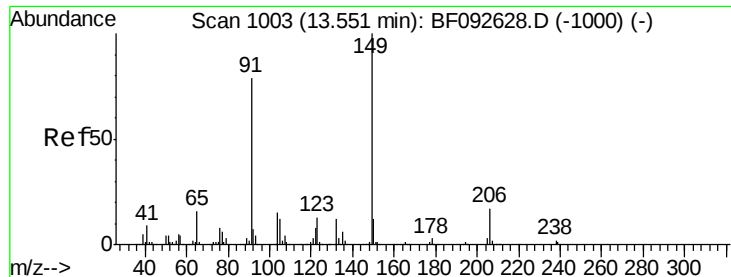
#78
 Terphenyl-d14
 Concen: 77.20 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion: 244 Resp: 1378336
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.7 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.72 ng

RT: 13.55 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

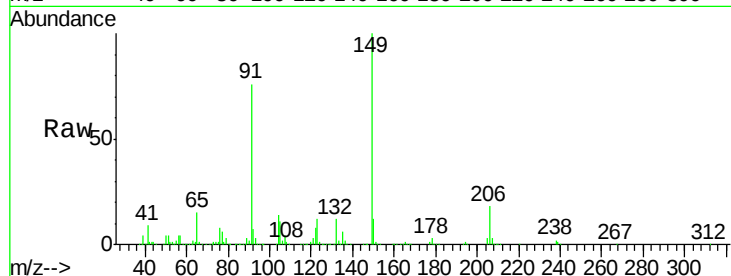
Tgt Ion:149 Resp: 608388

Ion Ratio Lower Upper

149 100

91 75.7 63.9 95.9

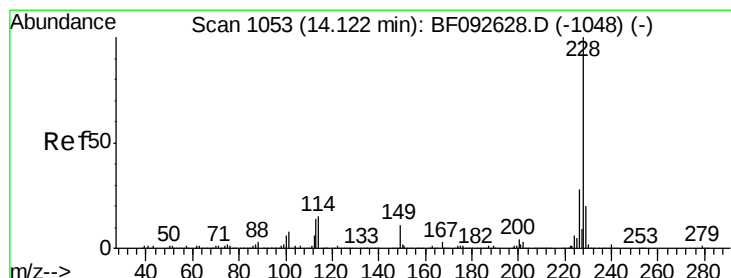
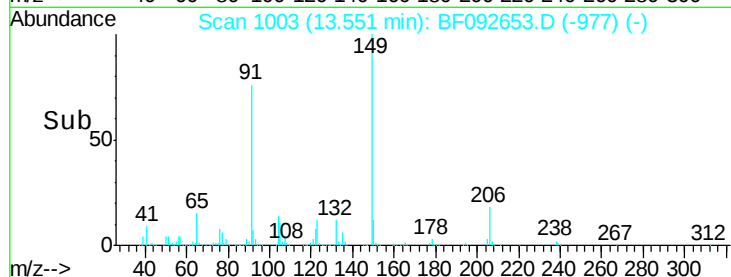
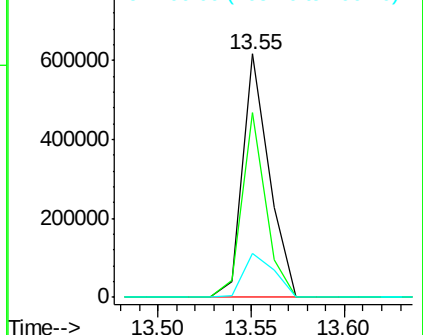
206 17.8 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.34 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

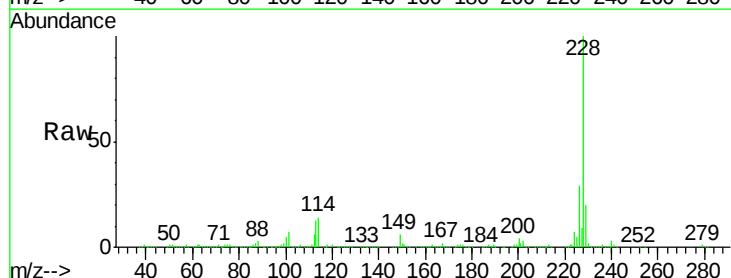
Tgt Ion:228 Resp: 1060576

Ion Ratio Lower Upper

228 100

226 28.6 22.4 33.6

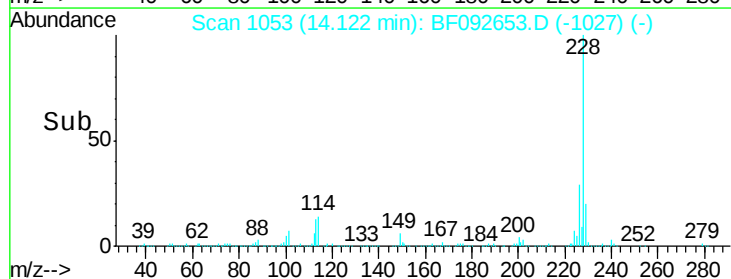
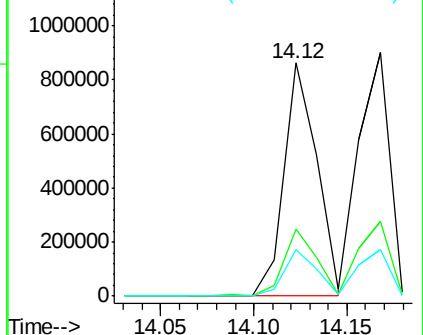
229 20.0 16.2 24.4

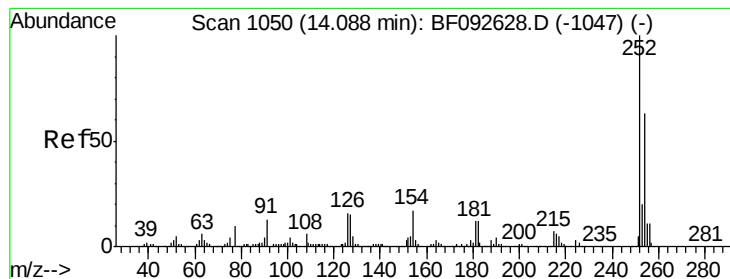


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

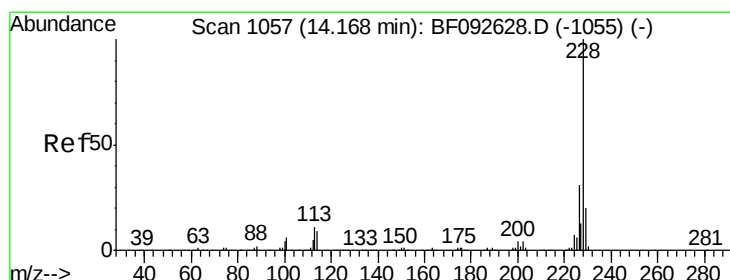
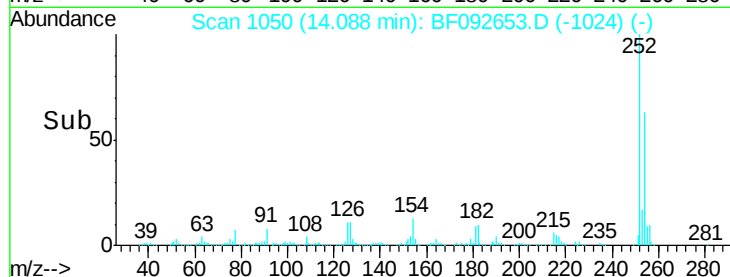
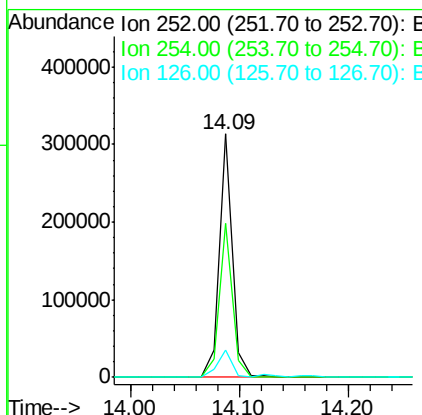
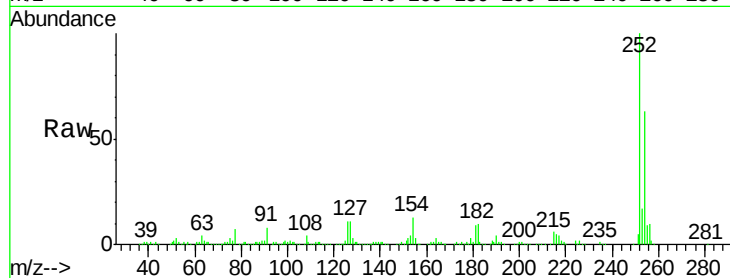




#81
 3,3'-Dichlorobenzidine
 Concen: 29.01 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

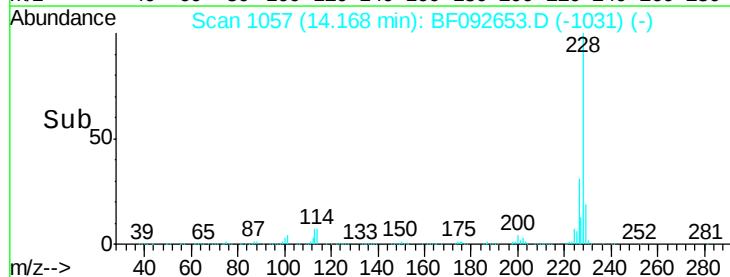
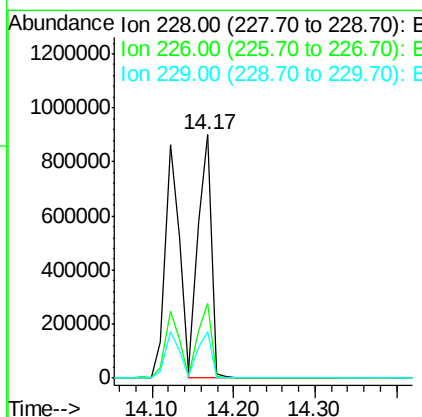
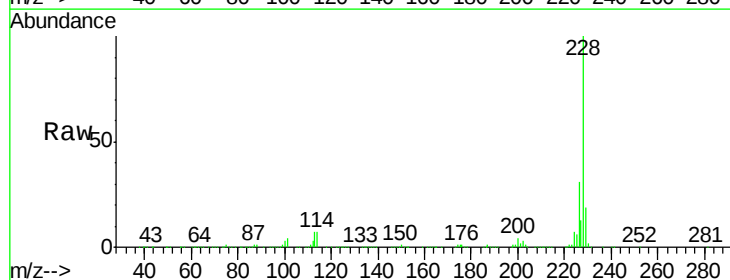
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMSD

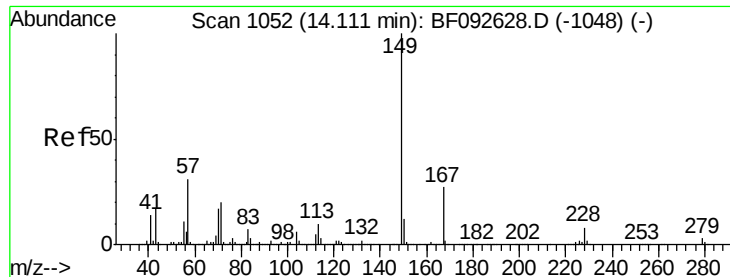
Tgt Ion: 252 Resp: 265361
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.3 78.5
 126 11.1 13.6 20.4#



#82
 Chrysene
 Concen: 43.22 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092653.D
 Acq: 31 Jan 2017 00:17

Tgt Ion: 228 Resp: 1038157
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 19.4 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.74 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

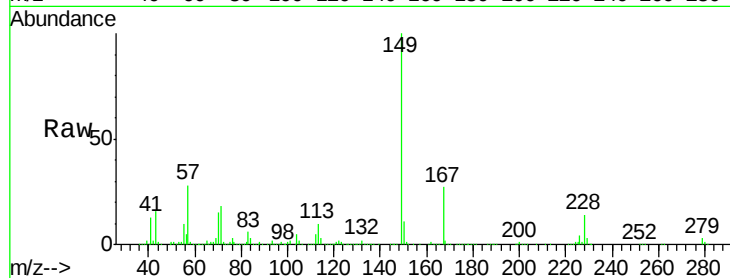
Tgt Ion:149 Resp: 867128

Ion Ratio Lower Upper

149 100

167 27.1 20.2 30.4

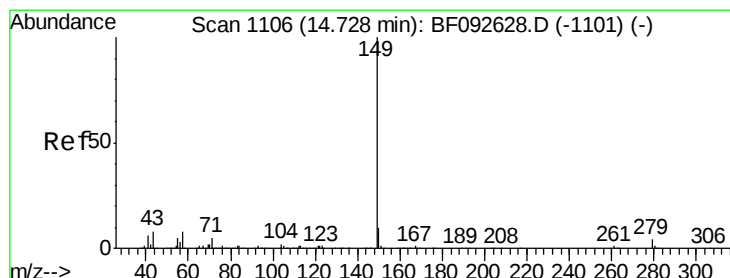
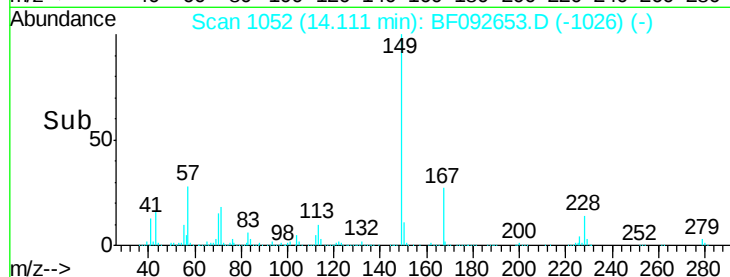
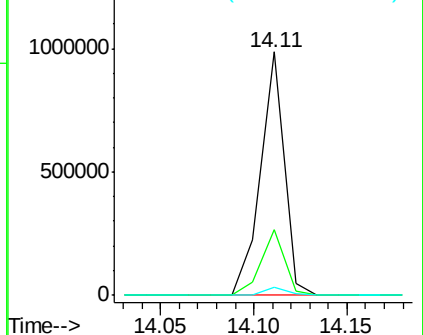
279 3.2 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.95 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

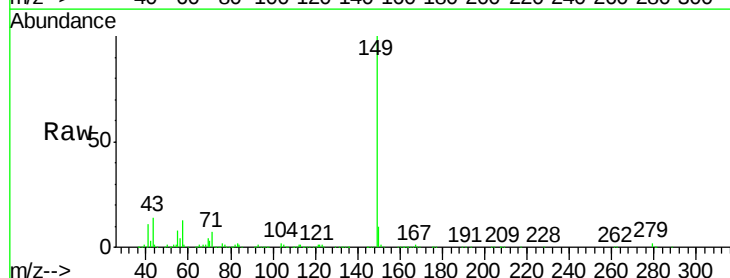
Tgt Ion:149 Resp: 1361426

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

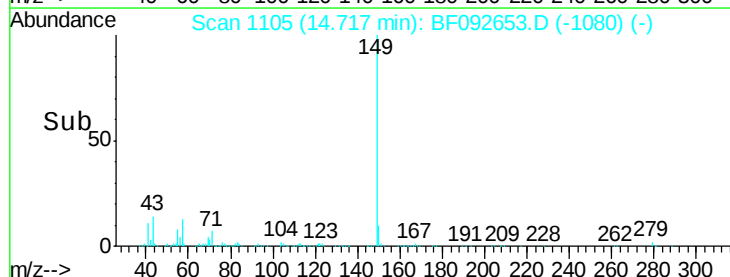
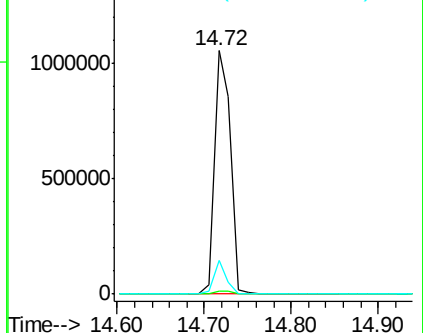
43 10.8 8.9 13.3

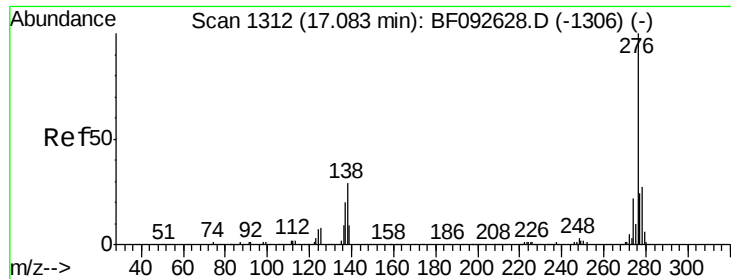


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

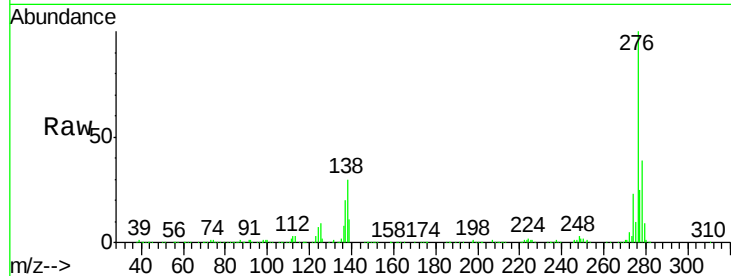




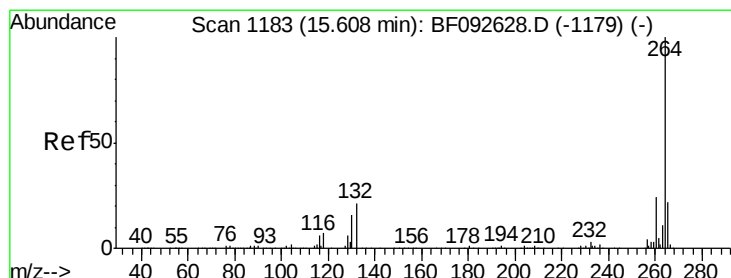
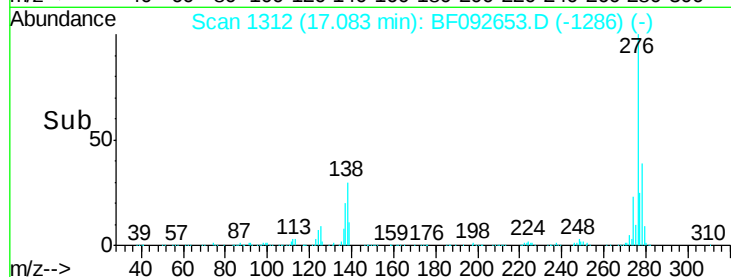
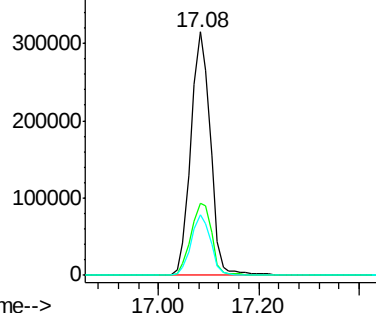
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.03 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

Tgt Ion:276 Resp: 856582
Ion Ratio Lower Upper
276 100
138 31.8 21.8 32.6
277 25.1 20.2 30.4

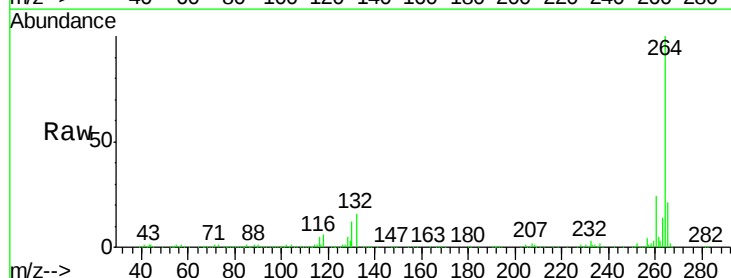


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

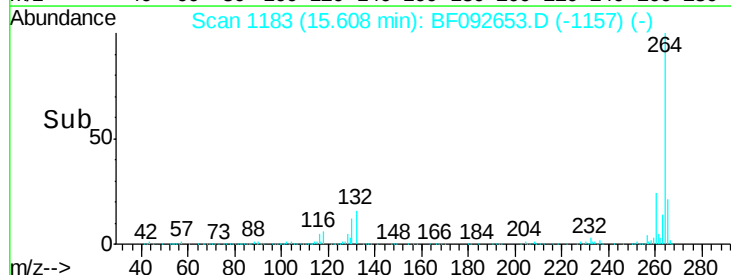
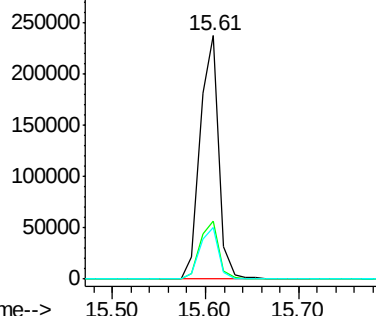


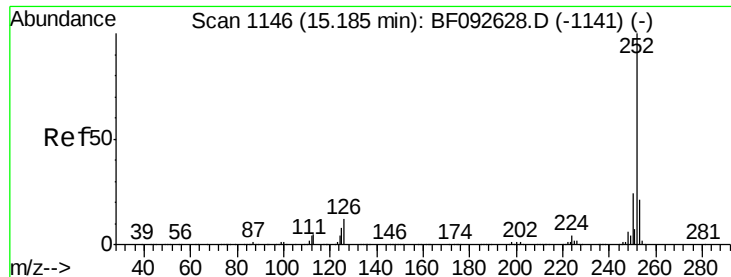
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion:264 Resp: 330950
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.90 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD

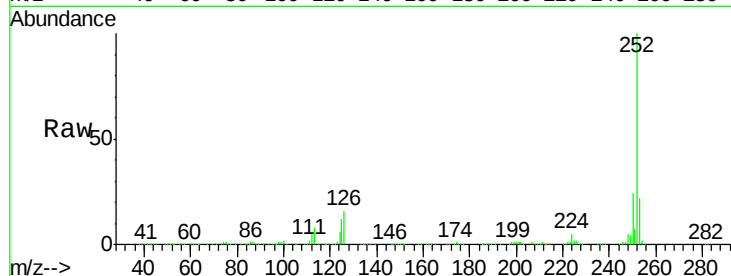
Tgt Ion:252 Resp: 847407

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

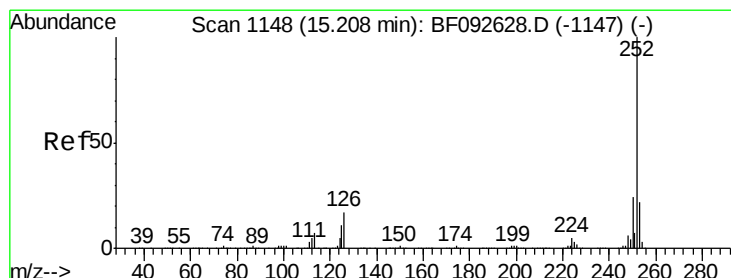
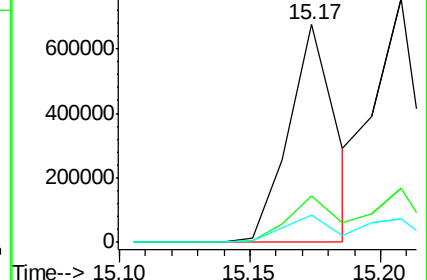
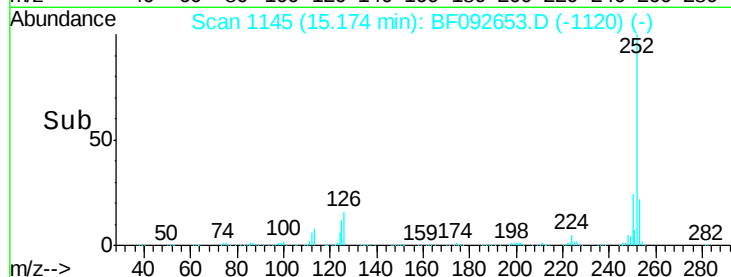
125 12.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.06 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF092653.D

Acq: 31 Jan 2017 00:17

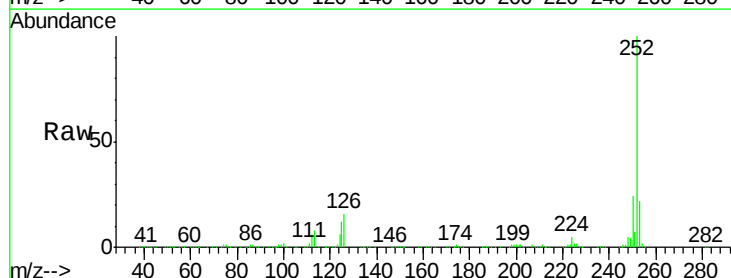
Tgt Ion:252 Resp: 847407

Ion Ratio Lower Upper

252 100

253 21.6 18.5 27.7

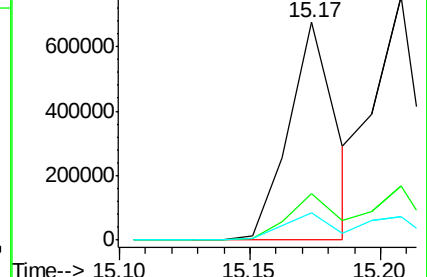
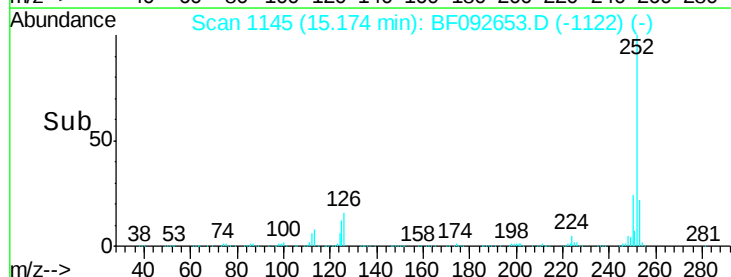
125 12.4 8.9 13.3

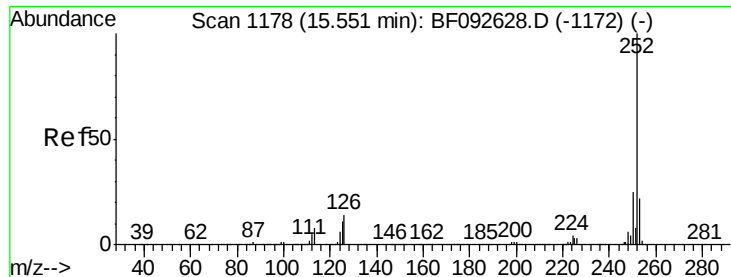


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

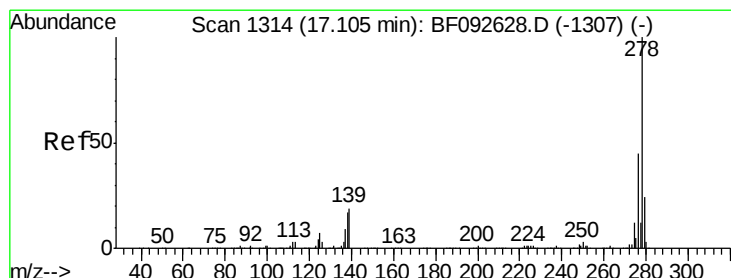
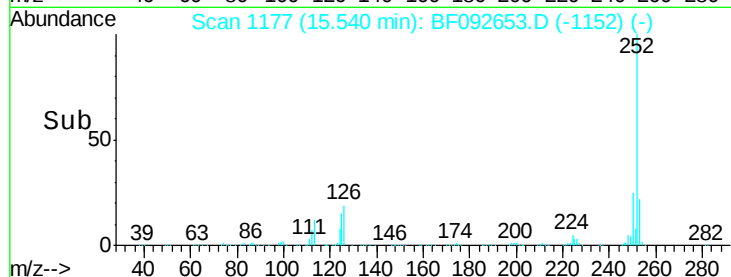
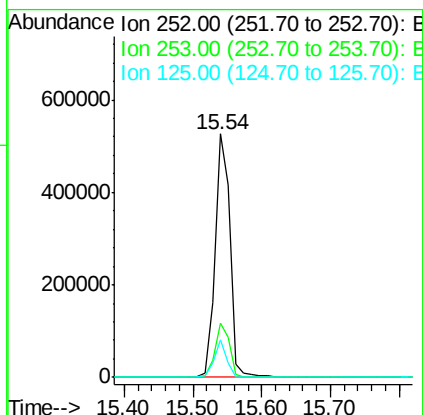
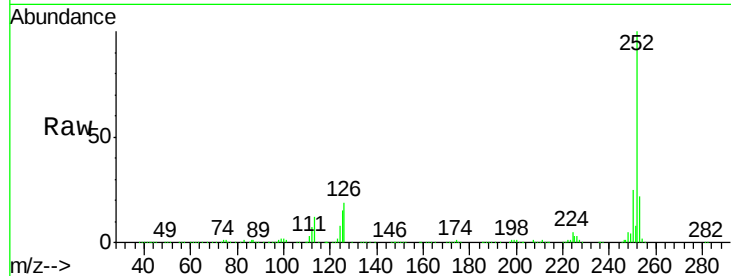




#89
Benzo(a)pyrene
Concen: 42.55 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

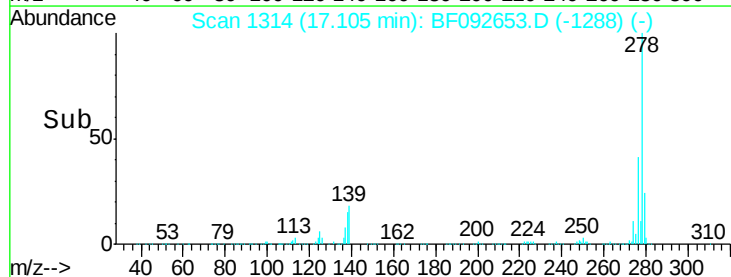
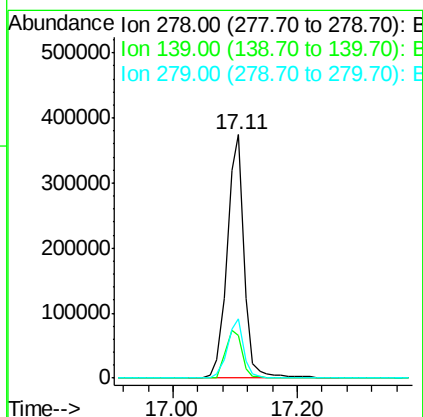
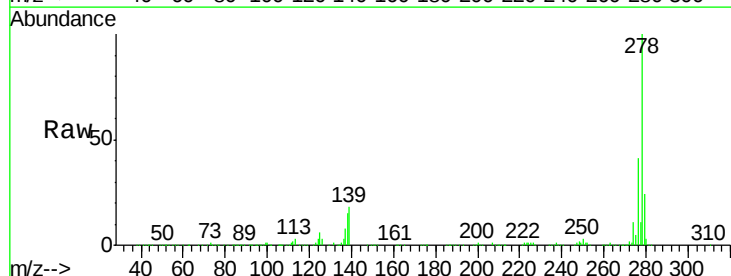
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMSD

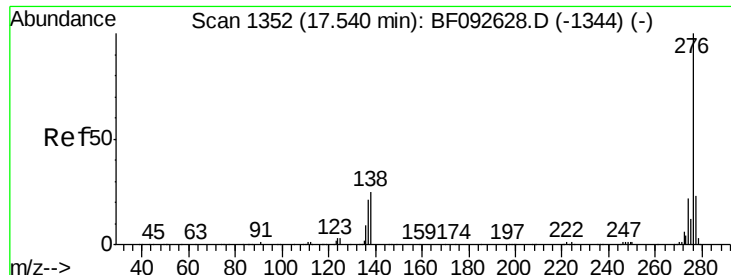
Tgt Ion: 252 Resp: 801663
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 15.3 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.57 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092653.D
Acq: 31 Jan 2017 00:17

Tgt Ion: 278 Resp: 709230
Ion Ratio Lower Upper
278 100
139 17.5 14.8 22.2
279 24.3 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 48.03 ng

RT: 17.53 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF092653.D

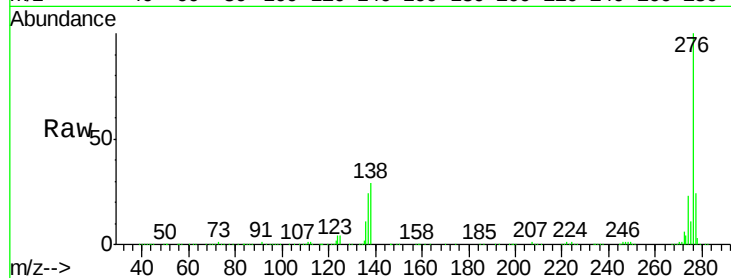
Acq: 31 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMSD



Tgt Ion:	276	Resp:	738974
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	28.8	16.0	24.0

