

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092652.D
 Acq On : 30 Jan 2017 23:49
 Operator : SJ/MA
 Sample : I1553-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Quant Time: Jan 31 01:06:47 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	161148	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	635118	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	352284	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	569934	20.00	ng	0.00
75) Chrysene-d12	14.13	240	417186	20.00	ng	-0.01
86) Perylene-d12	15.61	264	332092	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1337247	142.37	ng	0.01
7) Phenol-d6	6.61	99	1691498	139.96	ng	0.01
23) Nitrobenzene-d5	7.53	82	1064865	93.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	372107	146.04	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1937480	99.64	ng	0.00
78) Terphenyl-d14	13.08	244	1537324	86.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	240819	47.45	ng	86
3) Pyridine	3.44	79	355836	27.57	ng	# 81
4) n-Nitrosodimethylamine	3.39	42	346249	57.14	ng	85
6) Aniline	6.62	93	430414	26.11	ng	# 67
8) 2-Chlorophenol	6.75	128	488476	47.14	ng	96
9) Benzaldehyde	6.51	77	205577	23.74	ng	94
10) Phenol	6.62	94	782255	55.32	ng	84
11) bis(2-Chloroethyl)ether	6.69	93	523361	46.37	ng	89
12) 1,3-Dichlorobenzene	6.90	146	539058	44.41	ng	# 91
13) 1,4-Dichlorobenzene	6.98	146	578102	47.06	ng	96
14) 1,2-Dichlorobenzene	6.98	146	578102	49.22	ng	96
15) Benzyl Alcohol	7.10	79	425267	47.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	850350	43.37	ng	95
17) 2-Methylphenol	7.23	107	447803	50.37	ng	98
18) Hexachloroethane	7.47	117	194805	46.45	ng	# 87
19) n-Nitroso-di-n-propylamine	7.38	70	351770	45.72	ng	96
20) 3+4-Methylphenols	7.38	107	510090	47.99	ng	# 81
22) Acetophenone	7.38	105	720570	49.69	ng	# 93
24) Nitrobenzene	7.55	77	569000	48.59	ng	95
25) Isophorone	7.79	82	1010883	47.57	ng	98
26) 2-Nitrophenol	7.87	139	301550	54.17	ng	# 85
27) 2,4-Dimethylphenol	7.92	122	483823	49.49	ng	93
28) bis(2-Chloroethoxy)methane	8.00	93	642673	45.66	ng	99
29) 2,4-Dichlorophenol	8.11	162	443340	48.62	ng	88
30) 1,2,4-Trichlorobenzene	8.19	180	456157	46.42	ng	95
31) Naphthalene	8.27	128	1419635	44.09	ng	99
32) Benzoic acid	7.98	122	44541	14.01	ng	96
33) 4-Chloroaniline	8.33	127	316723	25.08	ng	95
34) Hexachlorobutadiene	8.38	225	239518	44.30	ng	99
35) Caprolactam	8.69	113	78154	27.25	ng	# 31
36) 4-Chloro-3-methylphenol	8.82	107	508147	53.45	ng	96
37) 2-Methylnaphthalene	8.97	142	1007523	48.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	447472	45.25	ng	99
40) Hexachlorocyclopentadiene	9.12	237	393852	88.28	ng	96

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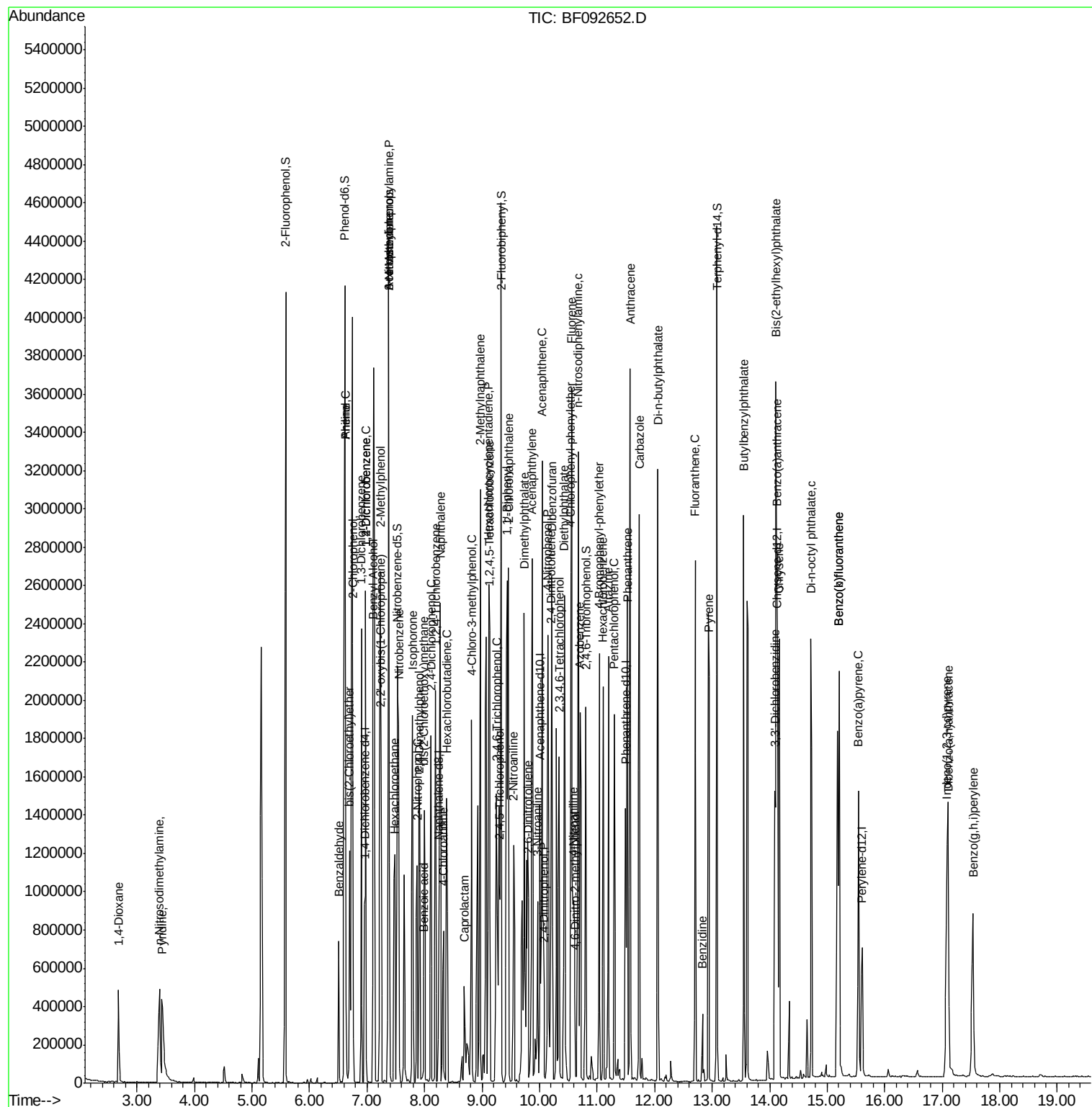
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	335931	51.70	ng	95
43) 2,4,5-Trichlorophenol	9.30	196	336707	47.29	ng	# 81
45) 1,1'-Biphenyl	9.44	154	1268480	49.73	ng	99
46) 2-Chloronaphthalene	9.46	162	1004068	50.32	ng	98
47) 2-Nitroaniline	9.55	65	301976	45.01	ng	95
48) Acenaphthylene	9.87	152	1462806	42.43	ng	99
49) Dimethylphthalate	9.73	163	1257131	52.98	ng	99
50) 2,6-Dinitrotoluene	9.80	165	270071	52.70	ng	# 75
51) Acenaphthene	10.04	154	904285	43.87	ng	95
52) 3-Nitroaniline	9.96	138	195060	33.26	ng	97
53) 2,4-Dinitrophenol	10.08	184	146057	57.45	ng	91
54) Dibenzofuran	10.21	168	1240422	45.00	ng	98
55) 4-Nitrophenol	10.14	139	411327	97.38	ng	90
56) 2,4-Dinitrotoluene	10.20	165	355824	52.16	ng	87
57) Fluorene	10.56	166	918422	43.30	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	258752	54.48	ng	98
59) Diethylphthalate	10.43	149	1050660	46.98	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	434757	42.67	ng	96
61) 4-Nitroaniline	10.59	138	279987	46.61	ng	82
62) Azobenzene	10.70	77	1140647	49.37	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	143651	41.78	ng	83
65) n-Nitrosodiphenylamine	10.67	169	843461	46.33	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	268215	45.04	ng	96
67) Hexachlorobenzene	11.10	284	266779	45.34	ng	# 88
68) Atrazine	11.20	200	253875	43.45	ng	99
69) Pentachlorophenol	11.30	266	248594	81.67	ng	98
70) Phenanthrene	11.53	178	1497126	45.85	ng	97
71) Anthracene	11.57	178	1464446	44.66	ng	99
72) Carbazole	11.73	167	1455264	46.43	ng	98
73) Di-n-butylphthalate	12.05	149	1565662	46.19	ng	# 98
74) Fluoranthene	12.70	202	1466598	43.54	ng	98
76) Benzidine	12.83	184	159521	8.97	ng	96
77) Pyrene	12.94	202	1490623	47.74	ng	98
79) Butylbenzylphthalate	13.55	149	651039	51.35	ng	95
80) Benzo(a)anthracene	14.12	228	1145257	44.88	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	297933	32.76	ng	# 97
82) Chrysene	14.17	228	1134985	47.51	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	952181	54.92	ng	# 96
84) Di-n-octyl phthalate	14.72	149	1490277	52.78	ng	100
85) Indeno(1,2,3-cd)pyrene	17.08	276	943010	50.96	ng	96
87) Benzo(b)fluoranthene	15.21	252	1900078	86.93	ng	98
88) Benzo(k)fluoranthene	15.21	252	1900413	100.70	ng	98
89) Benzo(a)pyrene	15.54	252	911366	48.20	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	780683	51.09	ng	98
91) Benzo(g,h,i)perylene	17.54	276	802160	51.96	ng	95

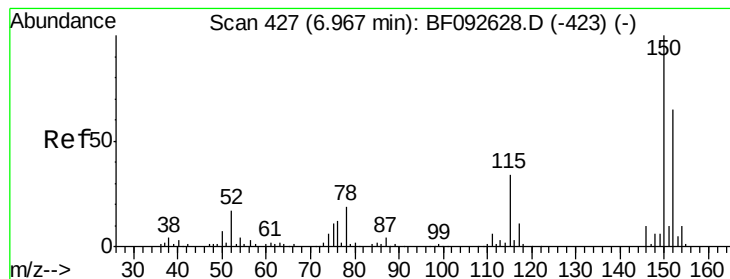
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

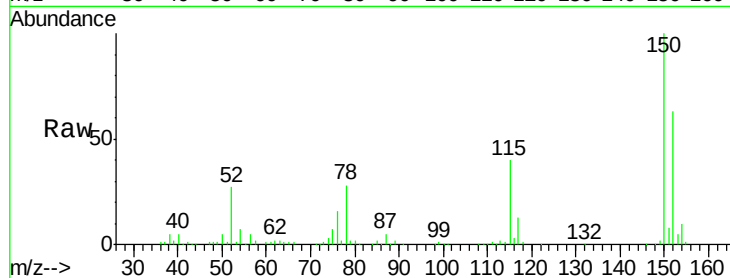
Tgt Ion:152 Resp: 161148

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

115 63.8 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

300000

250000

200000

150000

100000

50000

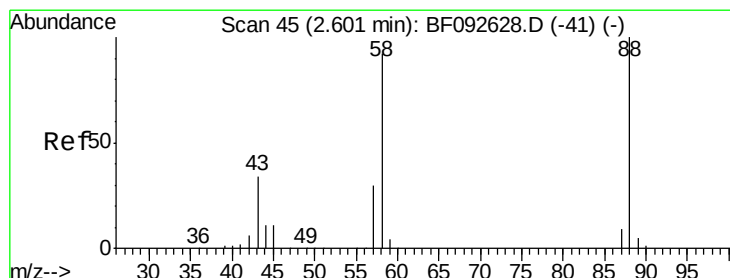
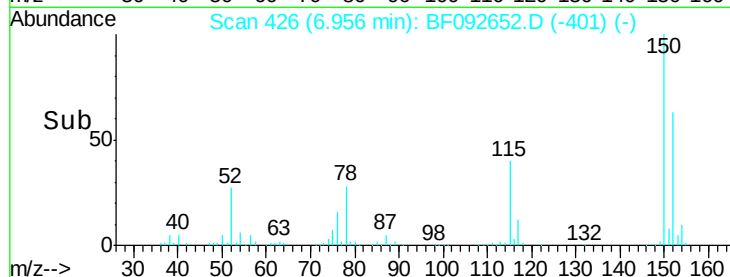
0

6.90

6.95

7.00

Time-->



#2

1,4-Dioxane

Concen: 47.45 ng

RT: 2.68 min Scan# 52

Delta R.T. 0.08 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

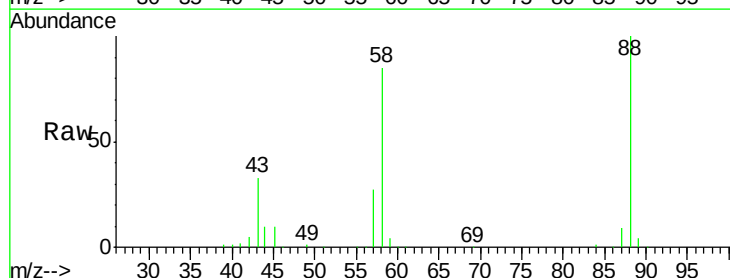
Tgt Ion: 88 Resp: 240819

Ion Ratio Lower Upper

88 100

58 85.8 57.8 86.8

43 32.4 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

200000

150000

100000

50000

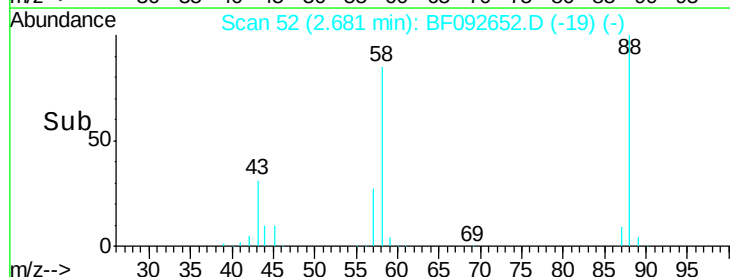
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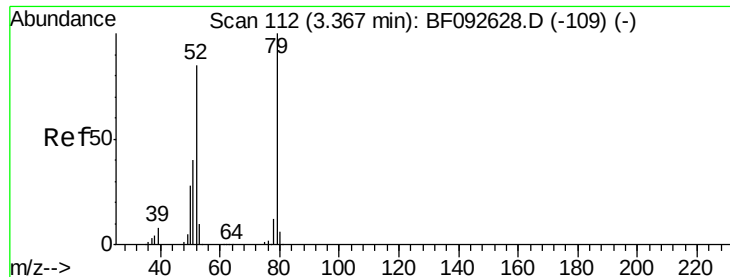
2.60

2.70

2.80

Time-->





#3

Pyridine

Concen: 27.57 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.07 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

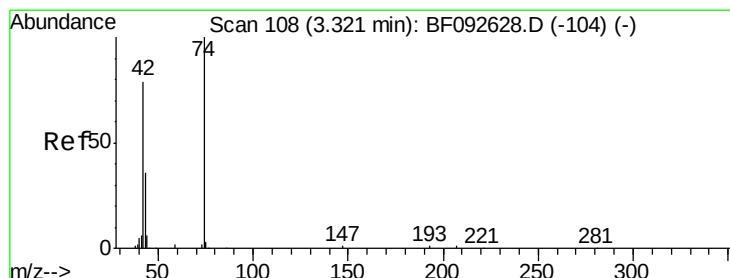
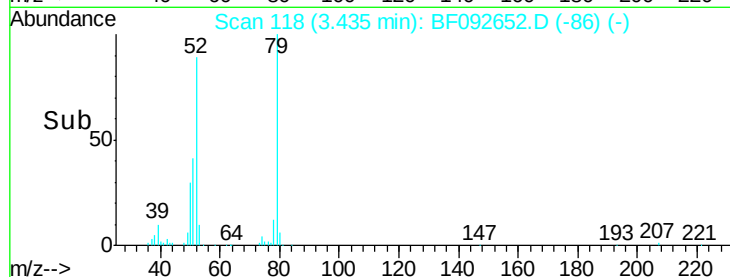
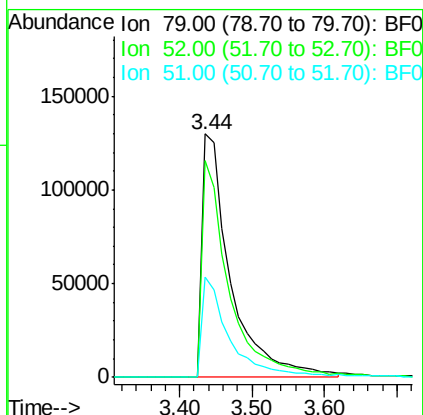
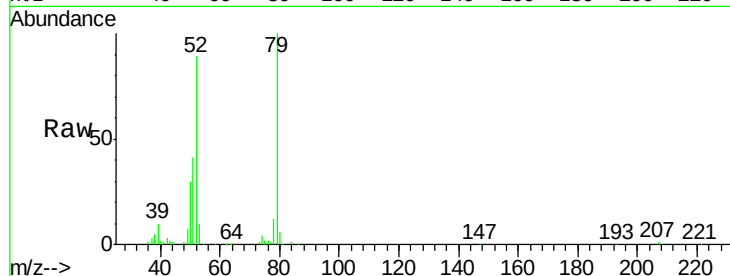
Tgt Ion: 79 Resp: 355836

Ion Ratio Lower Upper

79 100

52 89.3 57.1 85.7#

51 41.3 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 57.14 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.07 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

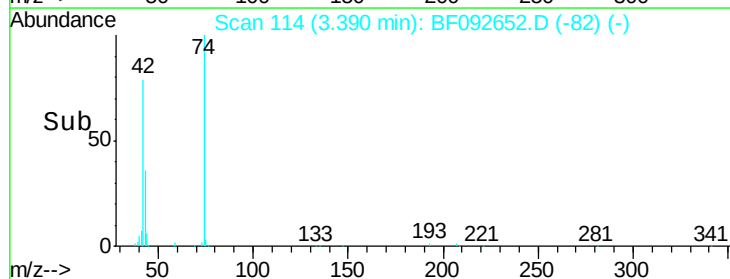
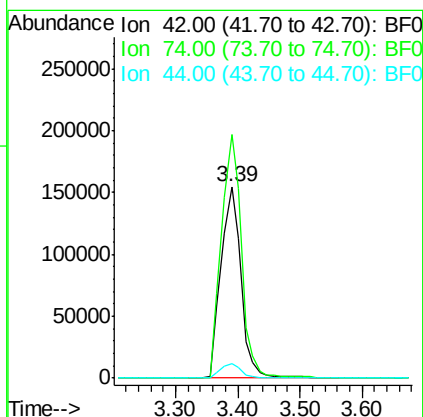
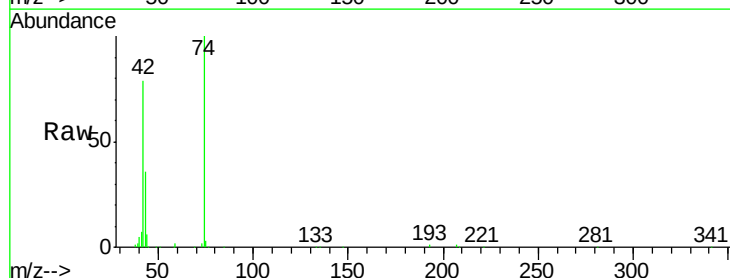
Tgt Ion: 42 Resp: 346249

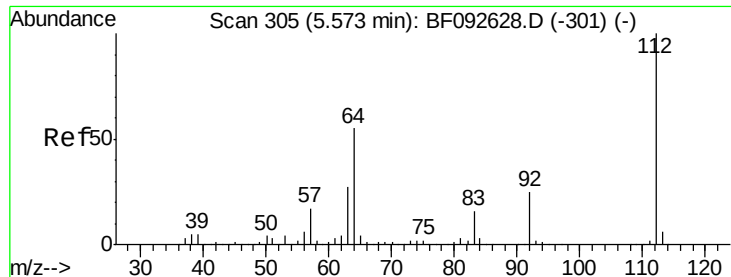
Ion Ratio Lower Upper

42 100

74 127.2 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 142.37 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

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ClientSampleId :

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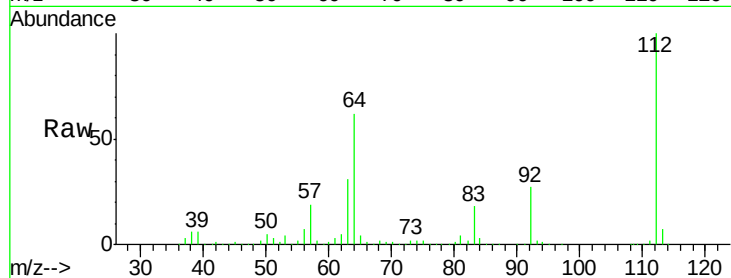
Tgt Ion: 112 Resp: 1337247

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

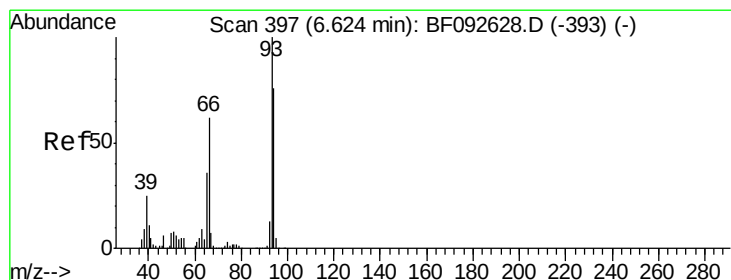
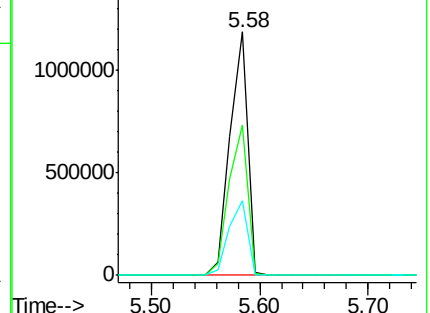
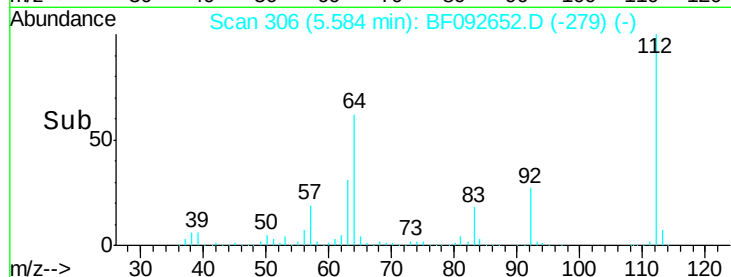
63 30.8 23.8 35.6



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: 26.11 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

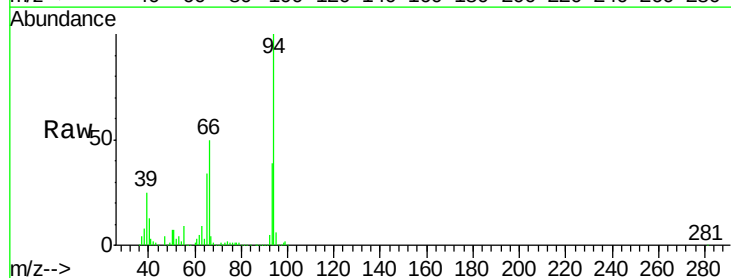
Tgt Ion: 93 Resp: 430414

Ion Ratio Lower Upper

93 100

66 128.0 76.2 114.2#

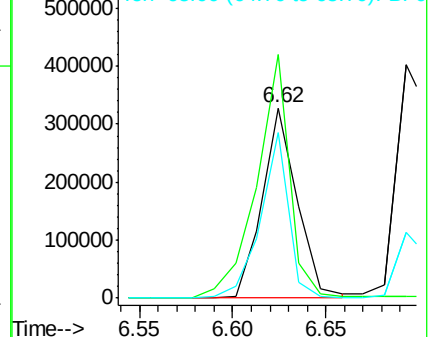
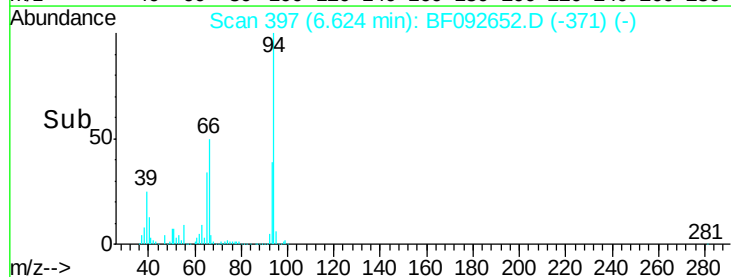
65 86.7 49.3 73.9#

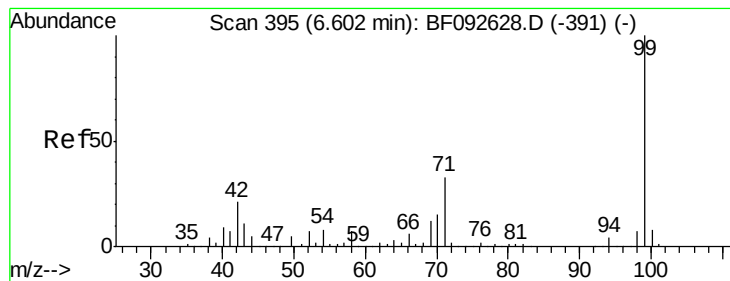


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.96 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

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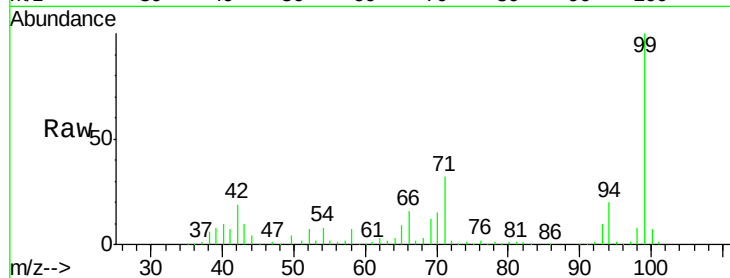
Tgt Ion: 99 Resp: 1691498

Ion Ratio Lower Upper

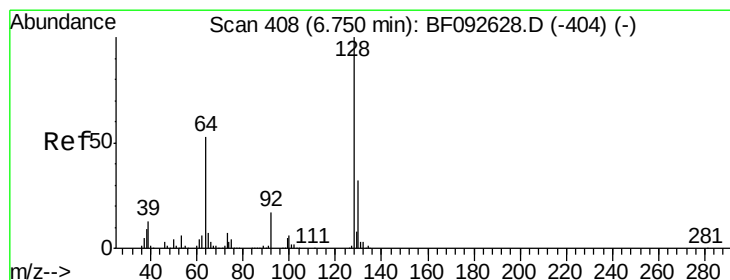
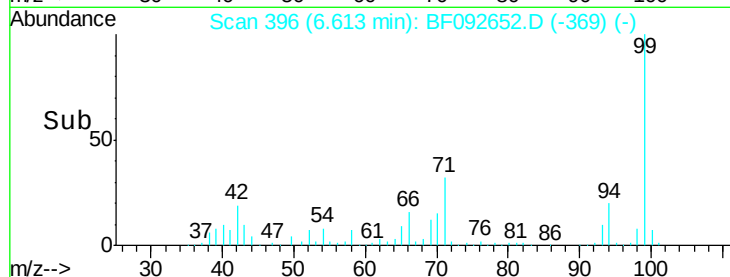
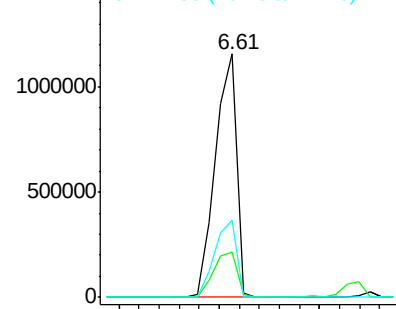
99 100

42 18.6 15.6 23.4

71 31.7 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: 47.14 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

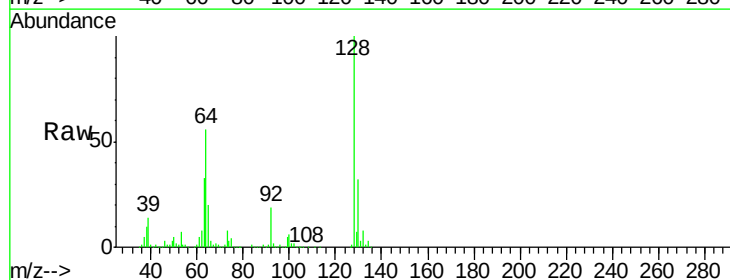
Tgt Ion: 128 Resp: 488476

Ion Ratio Lower Upper

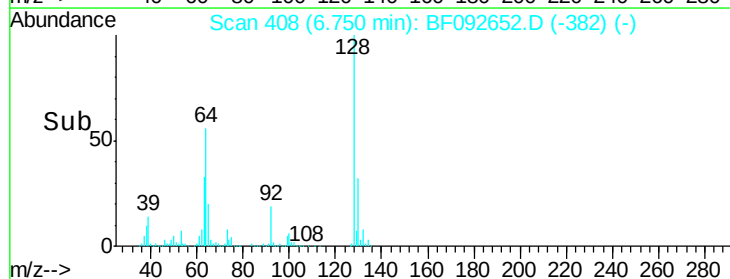
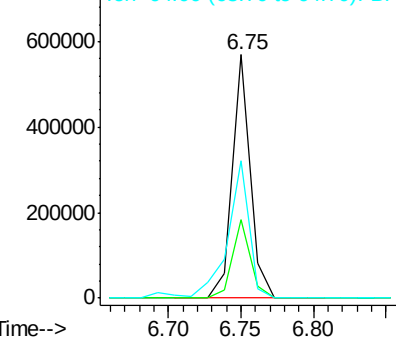
128 100

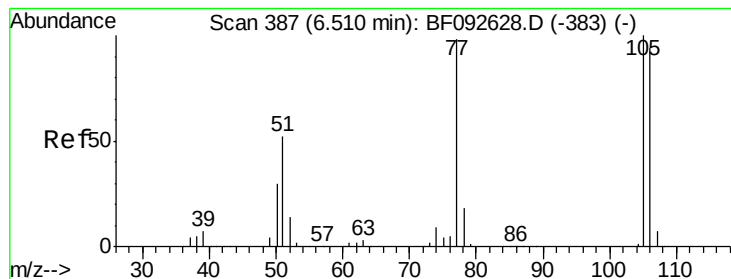
130 32.2 12.3 52.3

64 56.3 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: 23.74 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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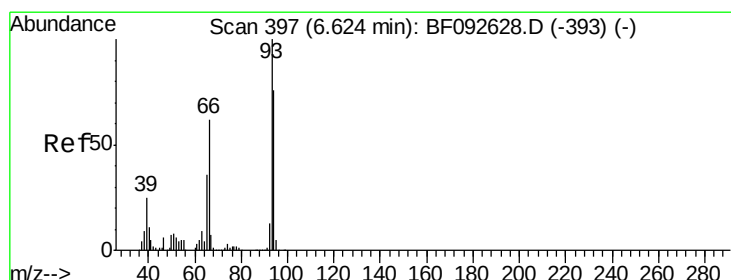
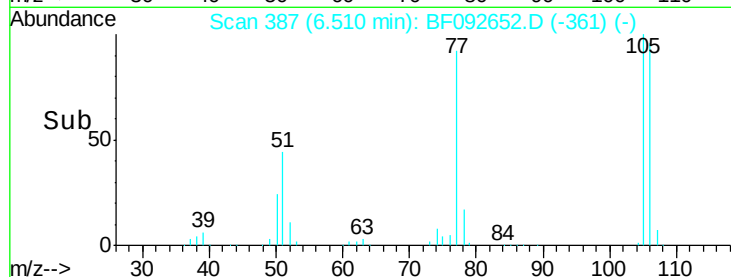
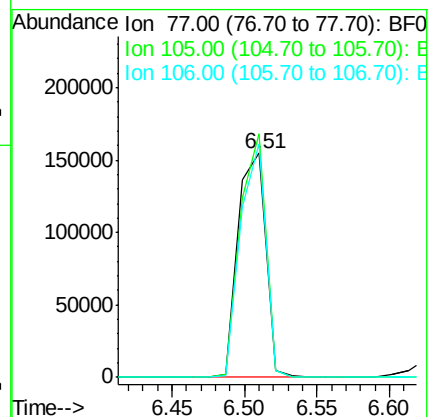
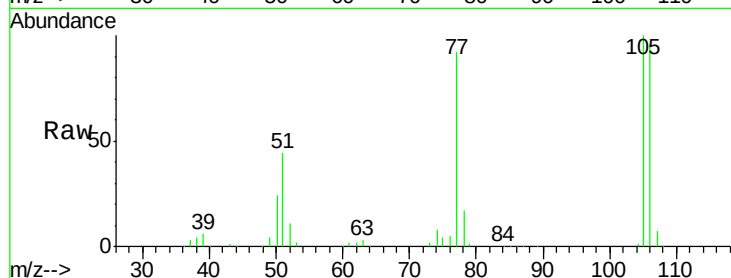
Tgt Ion: 77 Resp: 205577

Ion Ratio Lower Upper

77 100

105 108.5 83.9 123.9

106 104.1 77.6 117.6



#10

Phenol

Concen: 55.32 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

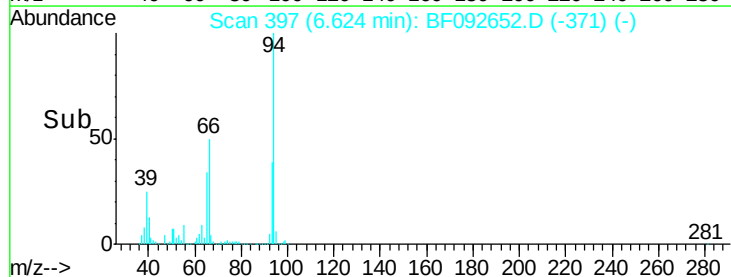
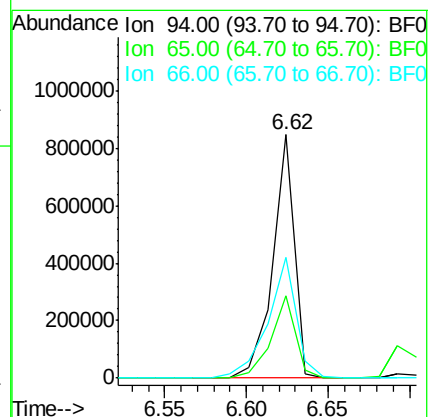
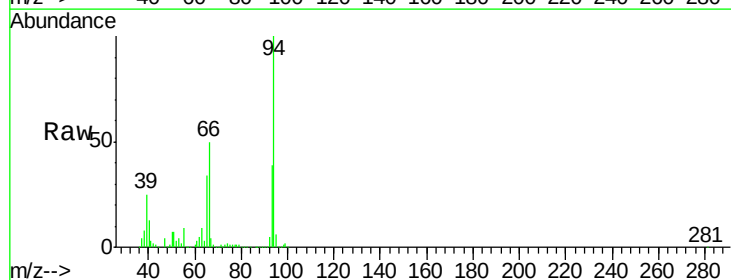
Tgt Ion: 94 Resp: 782255

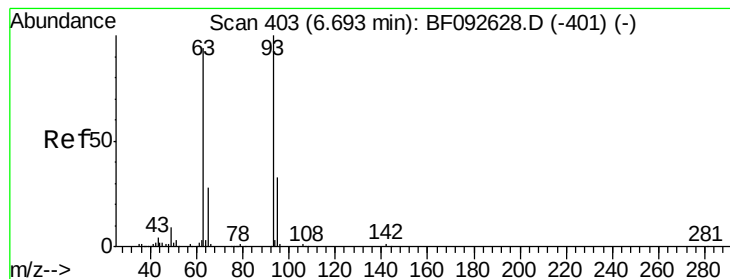
Ion Ratio Lower Upper

94 100

65 33.6 21.4 61.4

66 49.6 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 46.37 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

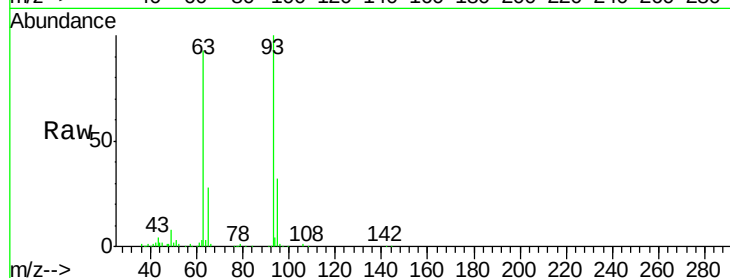
Tgt Ion: 93 Resp: 523361

Ion Ratio Lower Upper

93 100

63 93.0 60.4 100.4

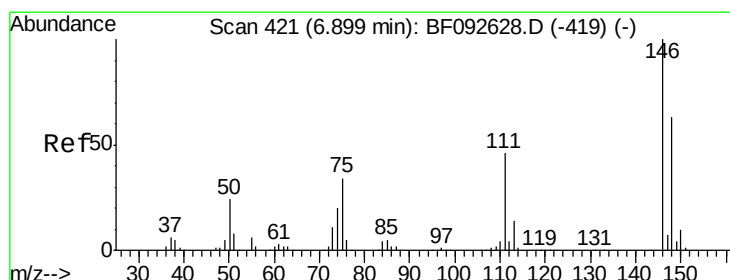
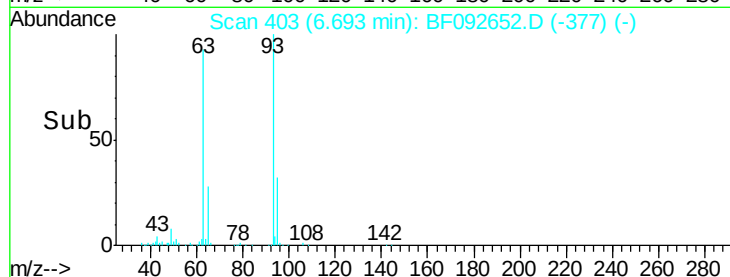
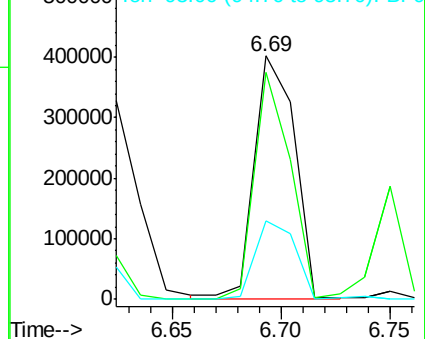
95 32.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.41 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

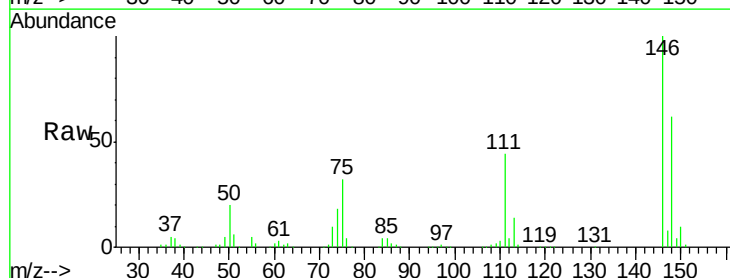
Tgt Ion: 146 Resp: 539058

Ion Ratio Lower Upper

146 100

148 62.3 53.4 80.0

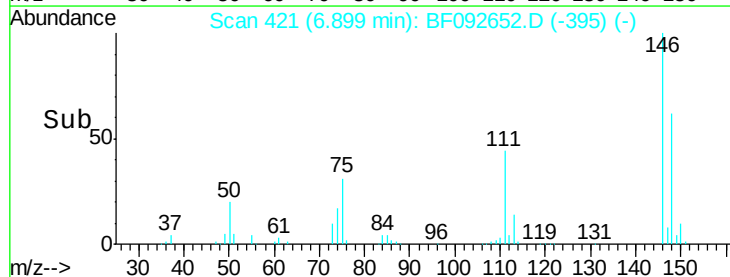
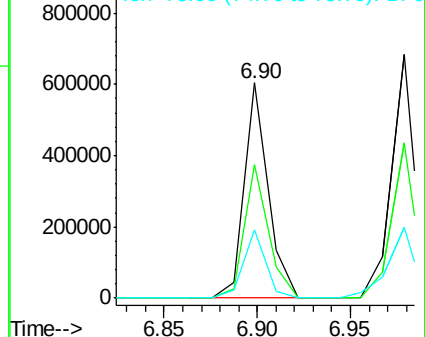
75 31.6 18.5 27.7#

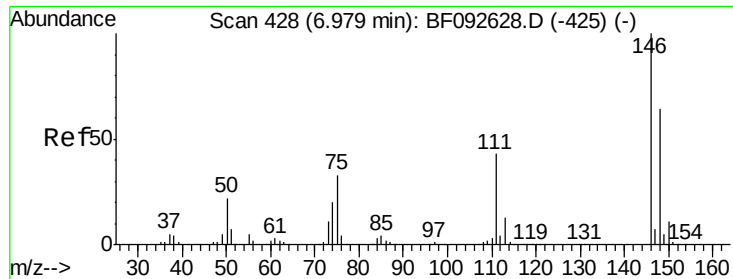


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 47.06 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

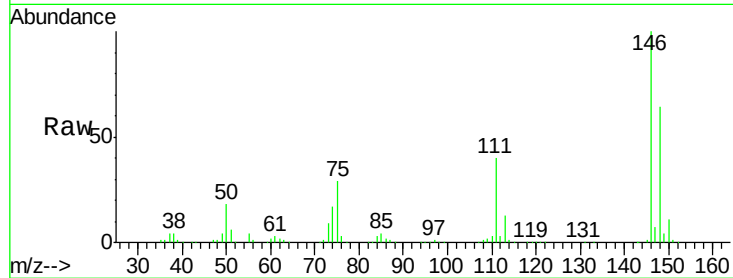
Tgt Ion:146 Resp: 578102

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

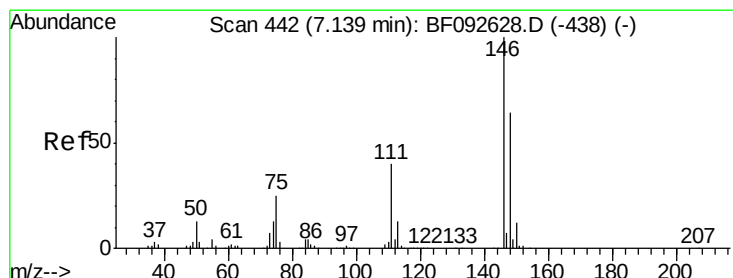
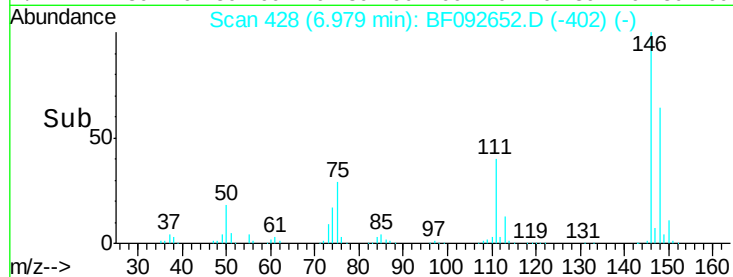
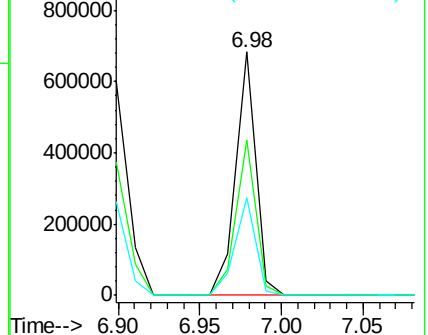
111 40.3 36.2 54.4



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: 49.22 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.16 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

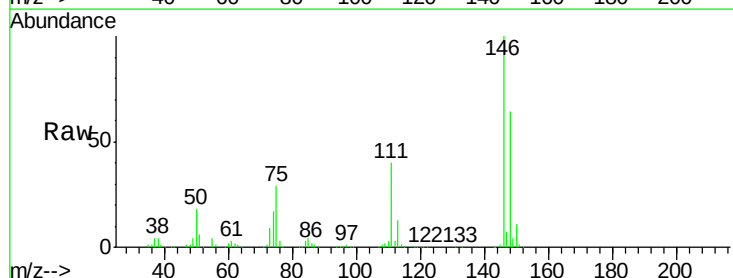
Tgt Ion:146 Resp: 578102

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

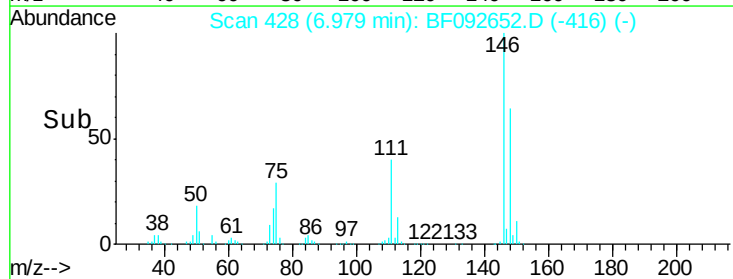
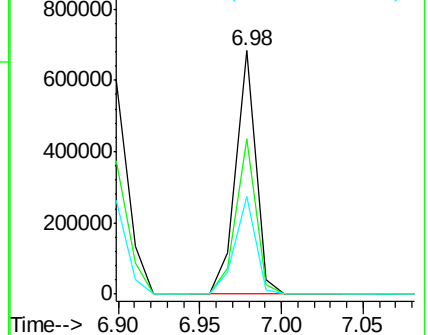
111 40.3 36.2 54.2

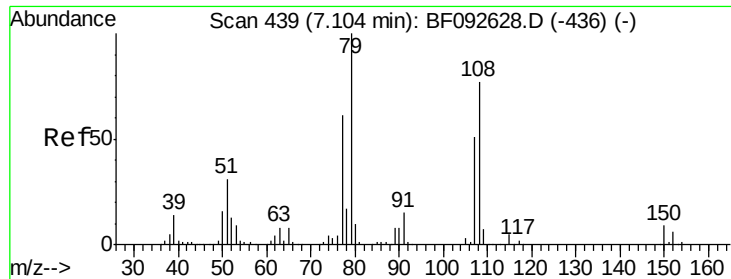


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

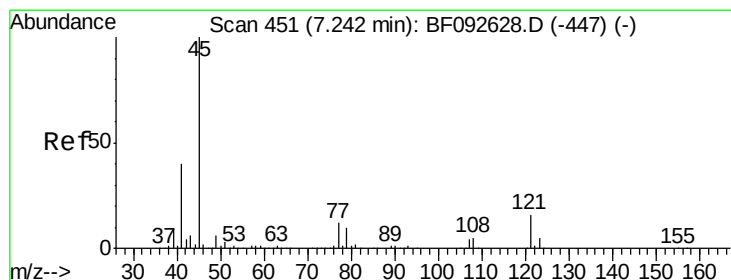
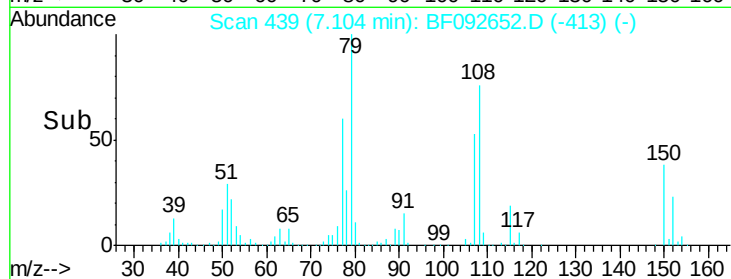
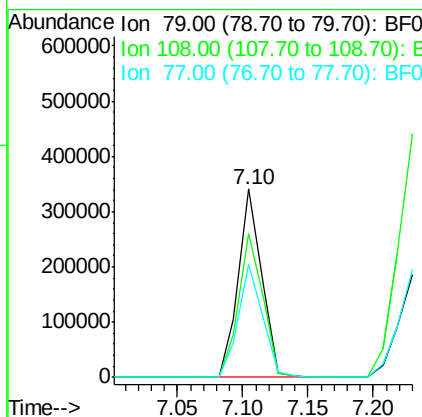
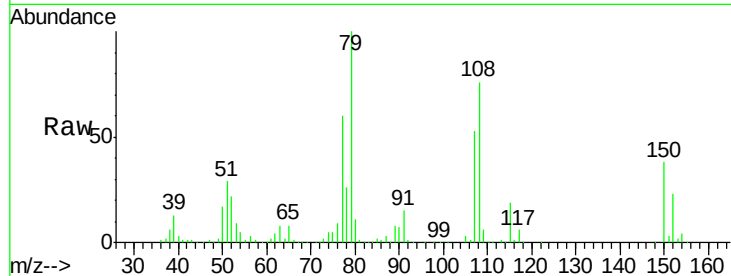




#15
Benzyl Alcohol
Concen: 47.53 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

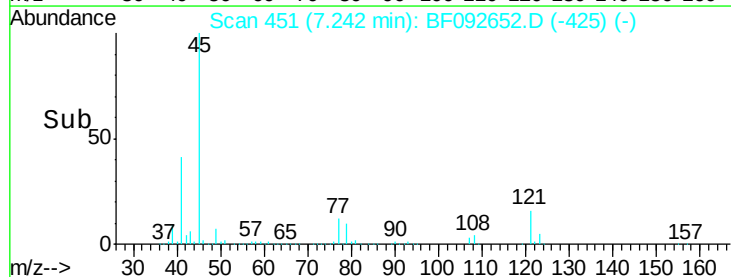
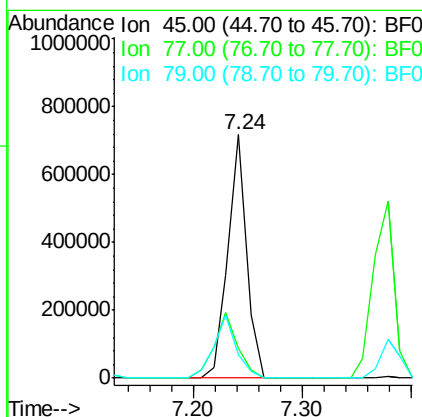
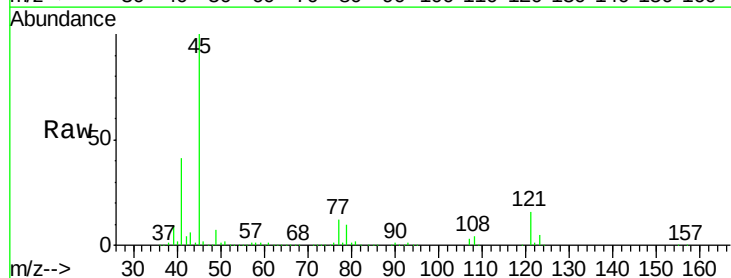
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

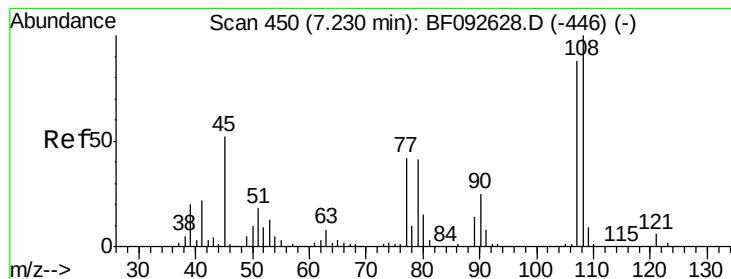
Tgt Ion: 79 Resp: 425267
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 60.3 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.37 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion: 45 Resp: 850350
Ion Ratio Lower Upper
45 100
77 12.3 0.0 34.6
79 9.6 0.0 31.2





#17

2-Methylphenol

Concen: 50.37 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:107 Resp: 447803

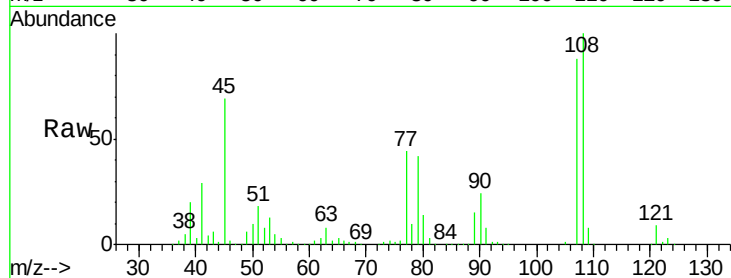
Ion Ratio Lower Upper

107 100

108 113.7 93.0 139.6

77 50.4 39.8 59.8

79 48.0 38.0 57.0

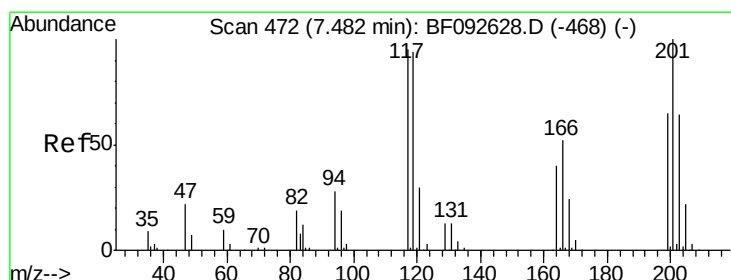
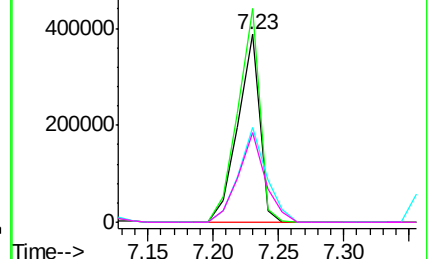
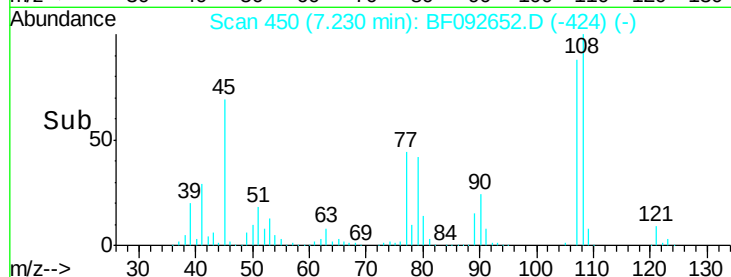


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.45 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

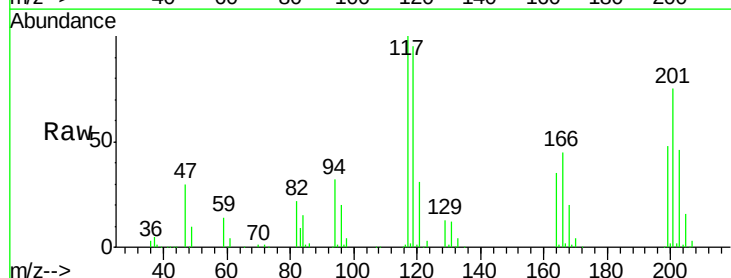
Tgt Ion:117 Resp: 194805

Ion Ratio Lower Upper

117 100

119 94.7 78.1 117.1

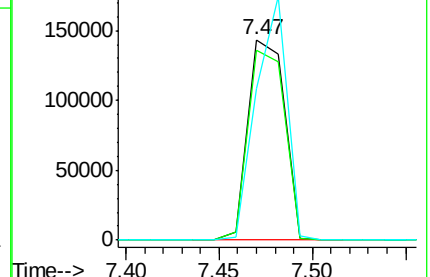
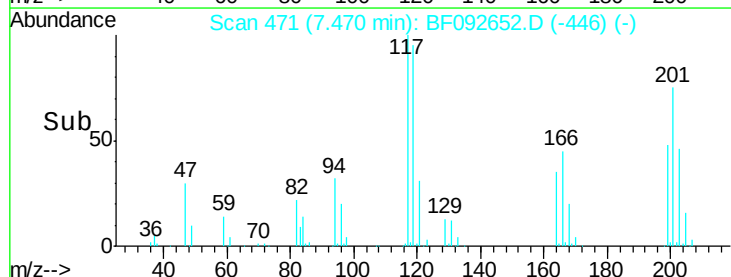
201 75.4 78.6 117.8#

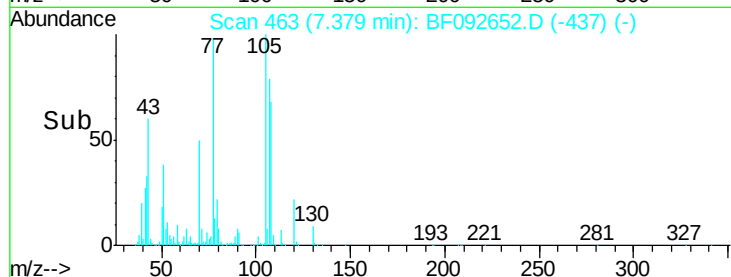
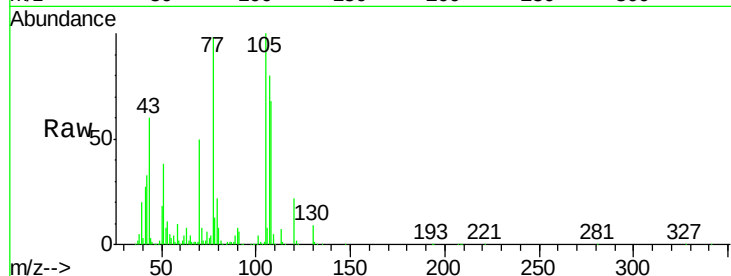
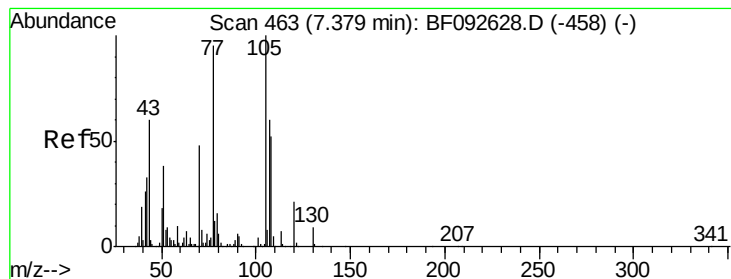


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.72 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion: 70 Resp: 351770

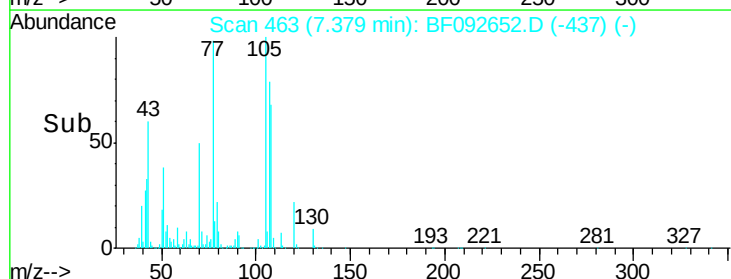
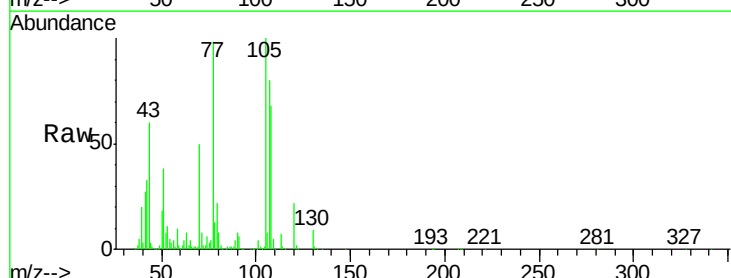
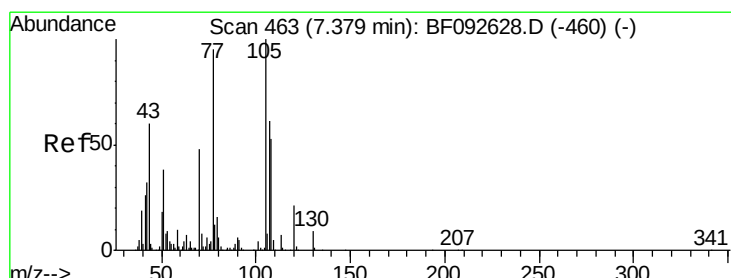
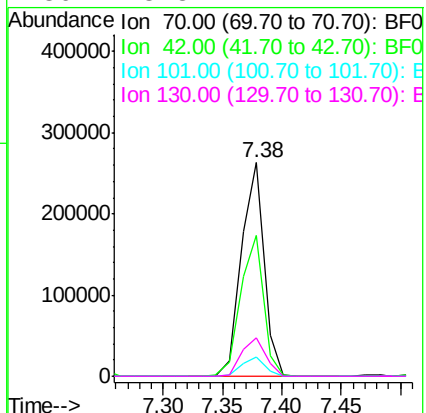
Ion Ratio Lower Upper

70 100

42 66.0 49.4 74.0

101 8.9 7.4 11.2

130 18.3 14.2 21.4



#20

3+4-Methylphenols

Concen: 47.99 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion: 107 Resp: 510090

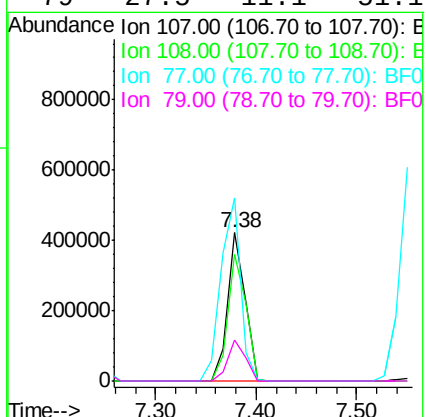
Ion Ratio Lower Upper

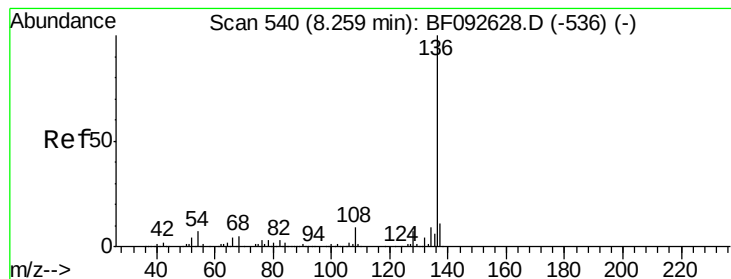
107 100

108 85.5 73.0 113.0

77 123.4 71.3 111.3#

79 27.5 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:136 Resp: 635118

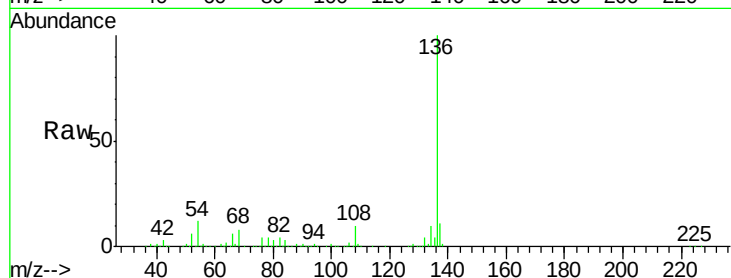
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.6 4.5 6.7#

68 7.7 3.6 5.4#

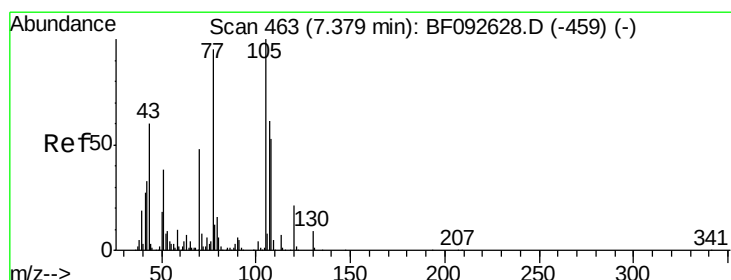
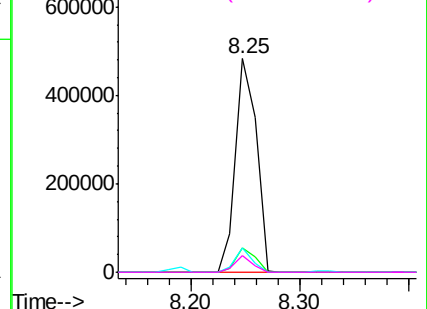
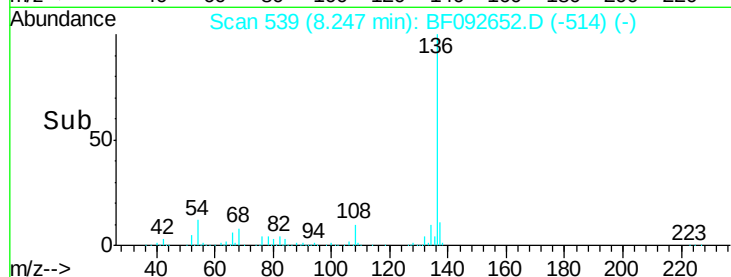


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.69 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:105 Resp: 720570

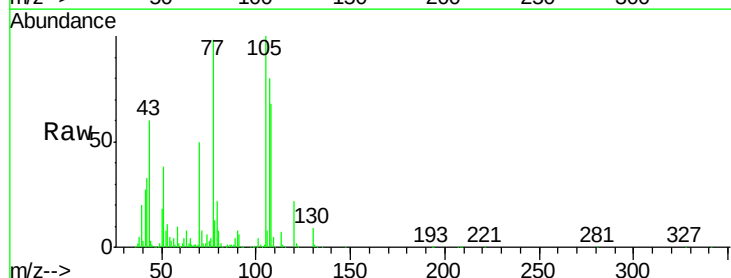
Ion Ratio Lower Upper

105 100

71 8.4 3.2 4.8#

51 37.7 26.2 39.4

120 22.3 16.6 24.8

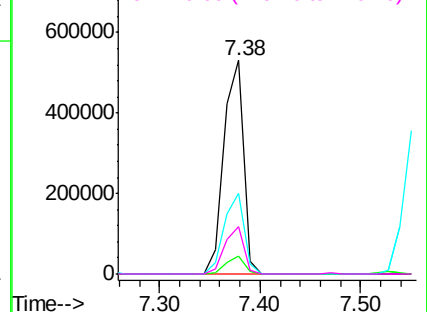
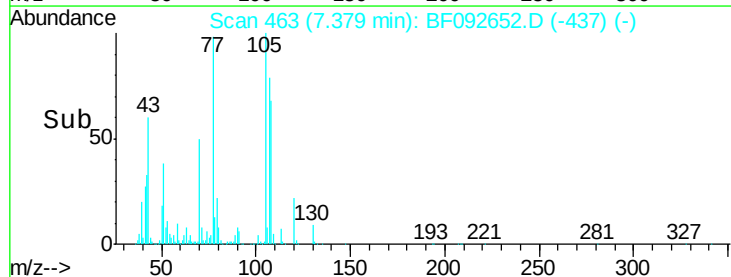


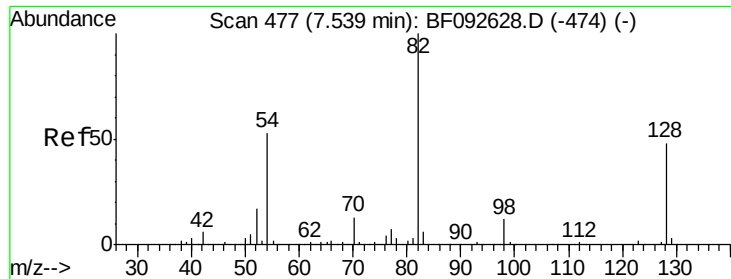
Abundance Ion 105.00 (104.70 to 105.70): E

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

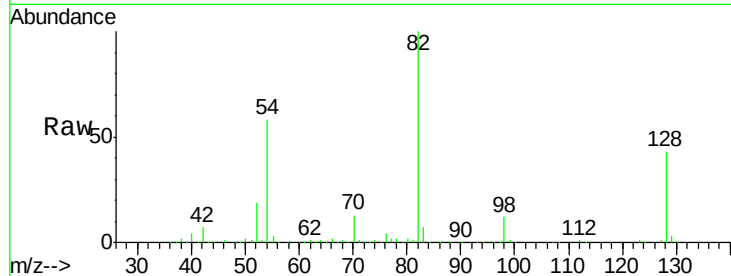




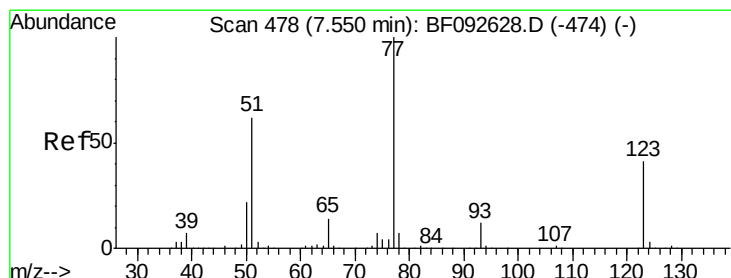
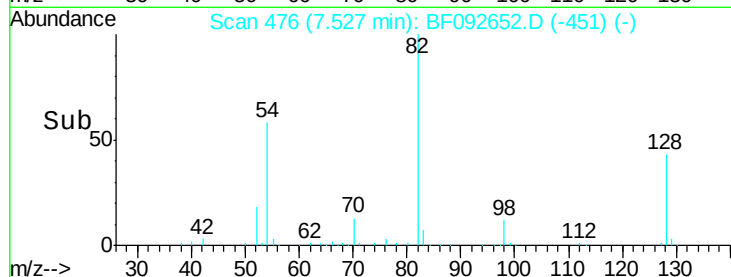
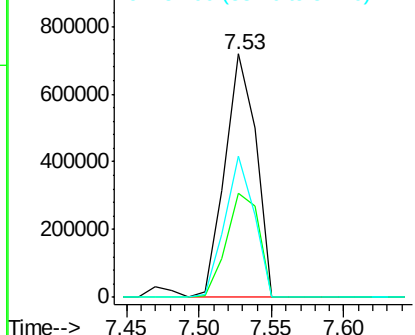
#23
 Nitrobenzene-d5
 Concen: 93.37 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion: 82 Resp: 1064865
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 58.1 39.5 59.3

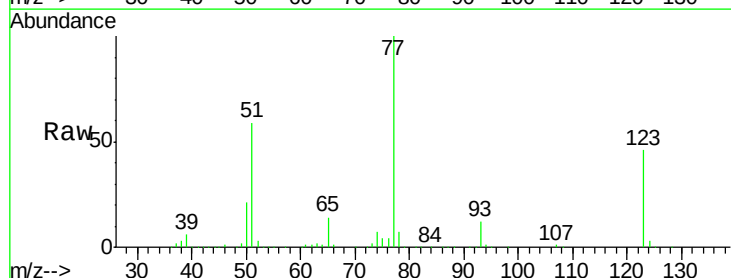


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

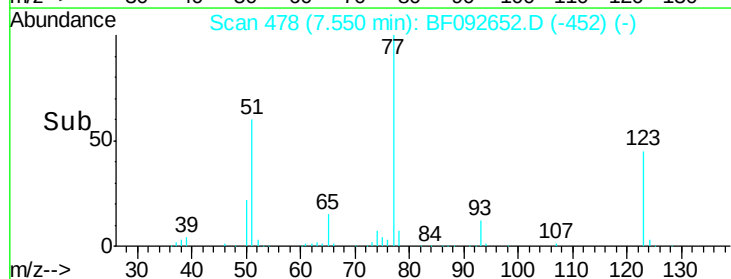
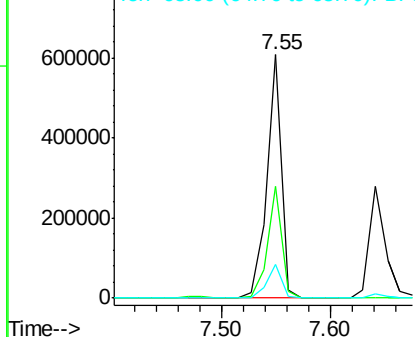


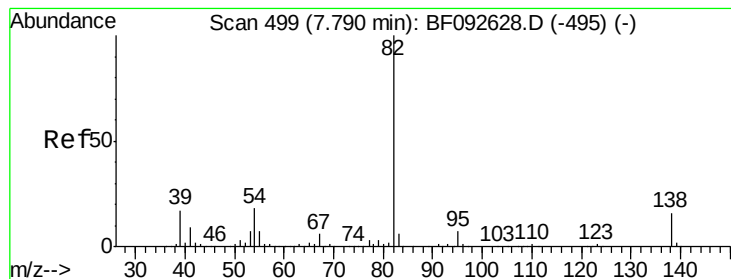
#24
 Nitrobenzene
 Concen: 48.59 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion: 77 Resp: 569000
 Ion Ratio Lower Upper
 77 100
 123 45.7 33.0 49.4
 65 14.0 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.57 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

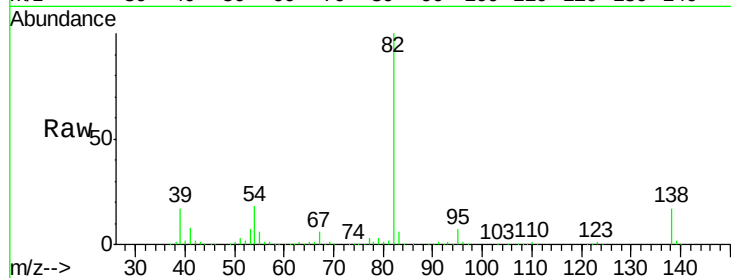
Tgt Ion: 82 Resp: 1010883

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.2 14.6 22.0

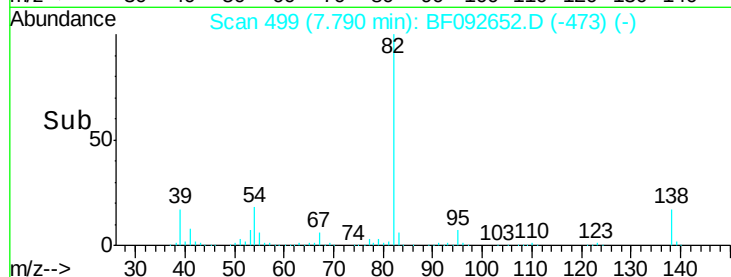


Abundance Ion 82.00 (81.70 to 82.70): BF0

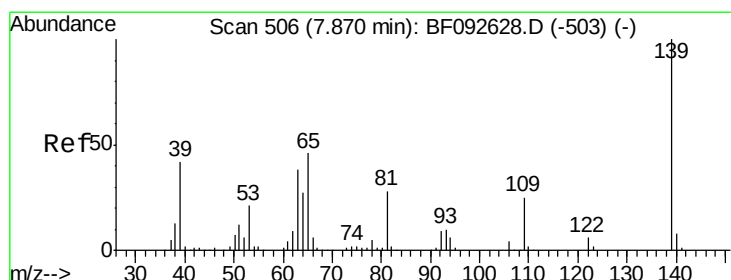
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#26

2-Nitrophenol

Concen: 54.17 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

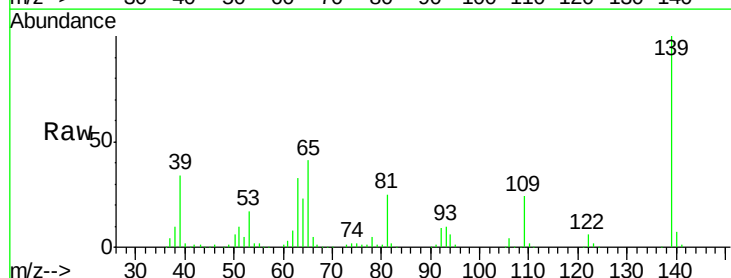
Tgt Ion: 139 Resp: 301550

Ion Ratio Lower Upper

139 100

109 23.8 23.3 34.9

65 41.2 42.7 64.1#

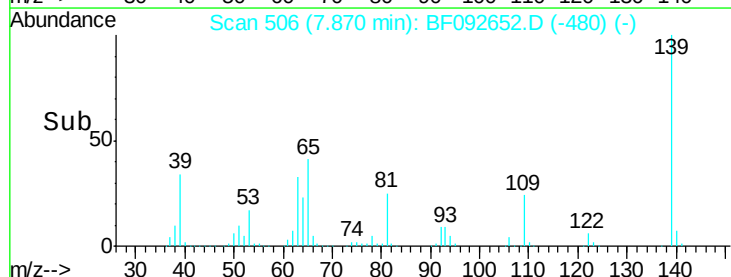


Abundance Ion 139.00 (138.70 to 139.70): E

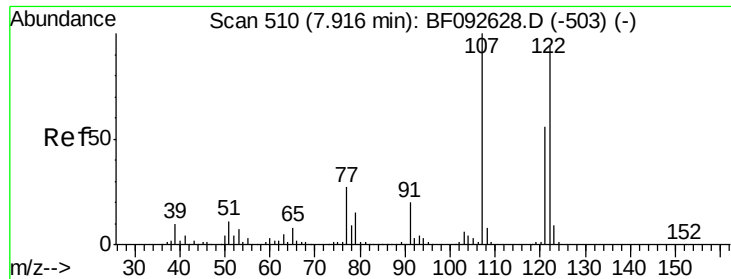
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



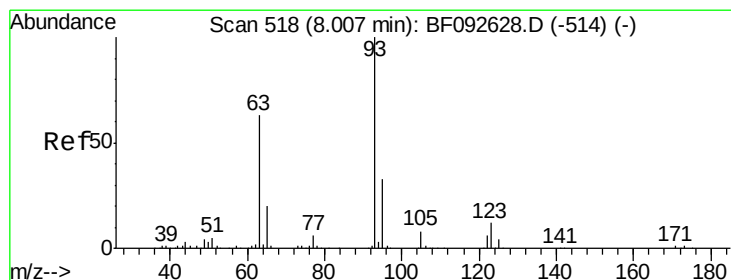
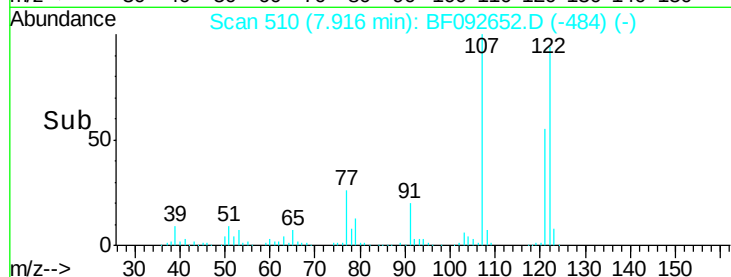
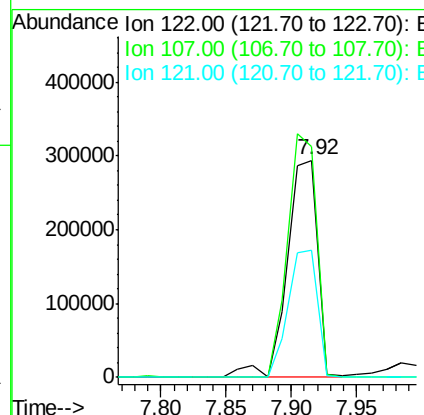
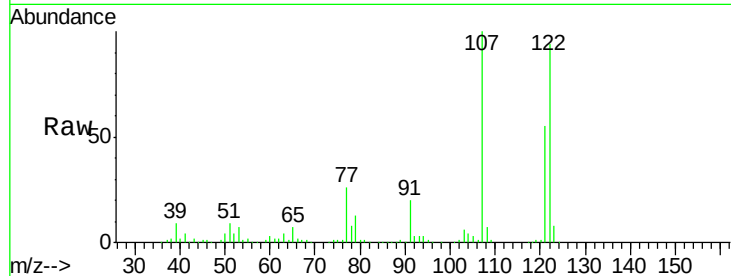
Time-->



#27
2,4-Dimethylphenol
Concen: 49.49 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

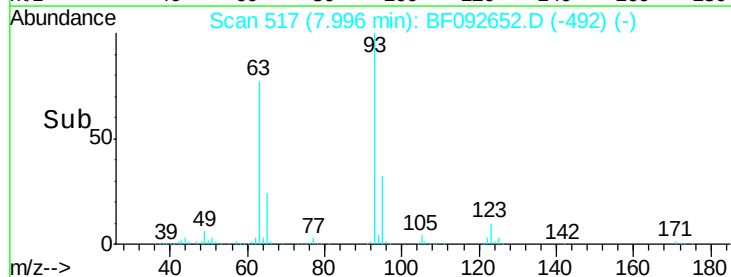
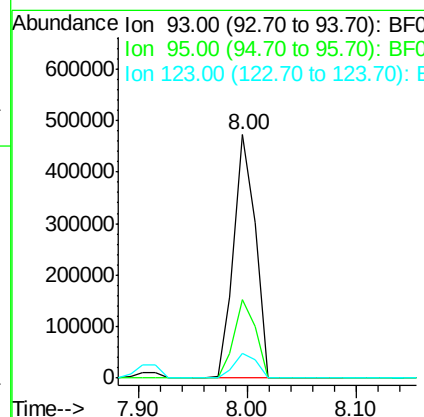
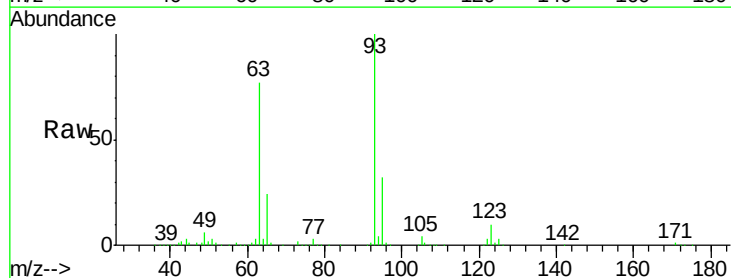
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

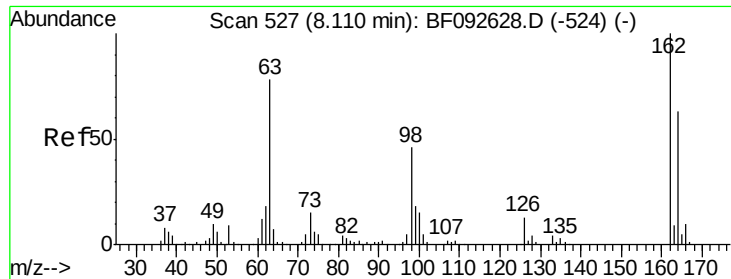
Tgt Ion:122 Resp: 483823
Ion Ratio Lower Upper
122 100
107 106.6 94.1 141.1
121 58.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.66 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion: 93 Resp: 642673
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.2 8.6 13.0

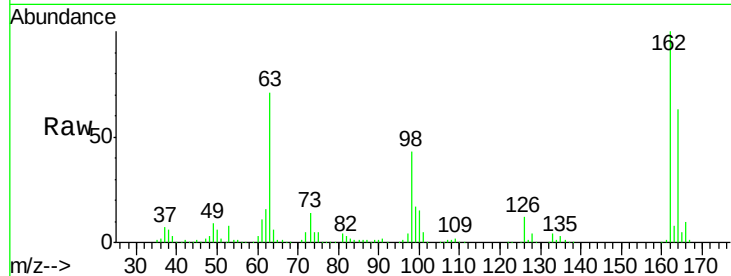




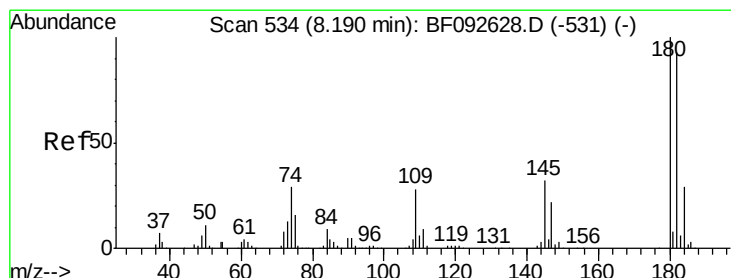
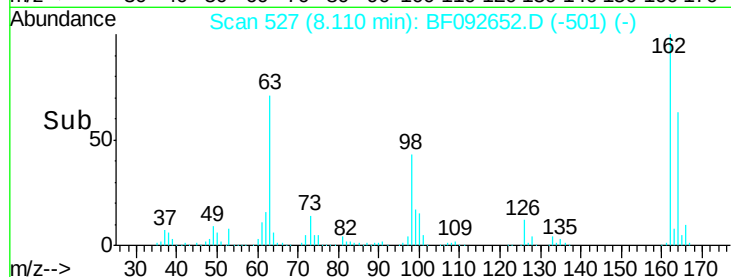
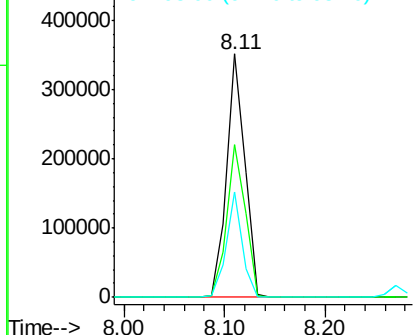
#29
 2,4-Dichlorophenol
 Concen: 48.62 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:162 Resp: 443340
 Ion Ratio Lower Upper
 162 100
 164 62.8 46.8 86.8
 98 43.3 9.1 49.1

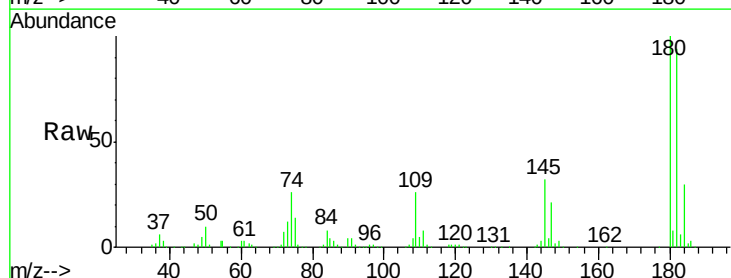


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

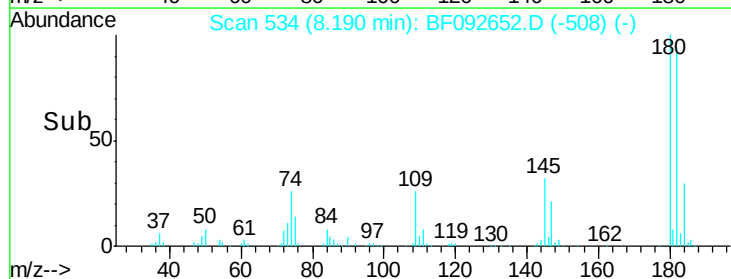
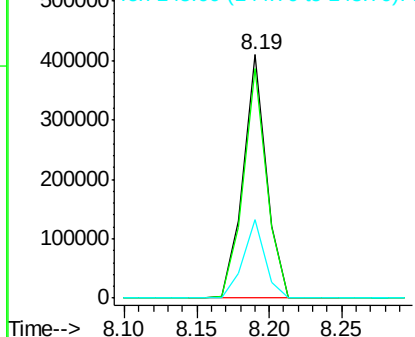


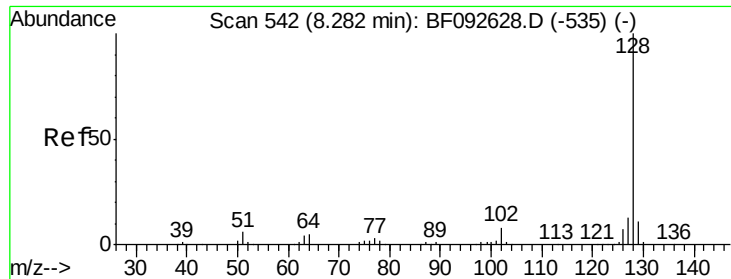
#30
 1,2,4-Trichlorobenzene
 Concen: 46.42 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:180 Resp: 456157
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.2 117.4
 145 32.0 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: 44.09 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

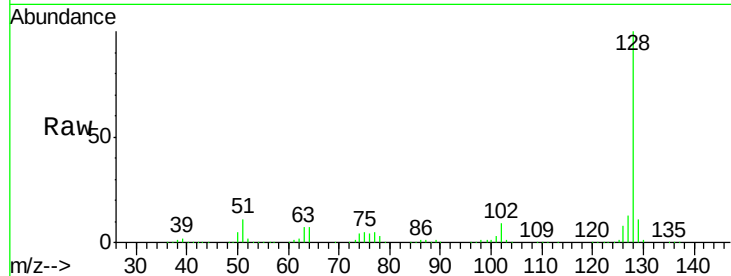
Tgt Ion:128 Resp: 1419635

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

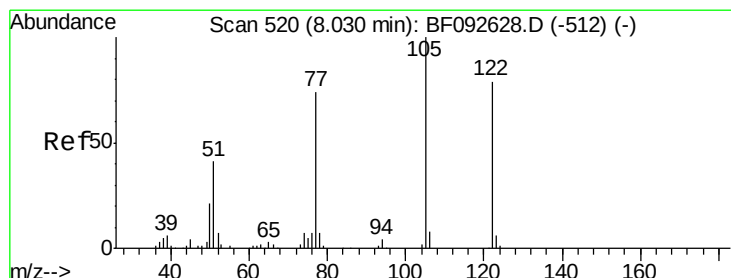
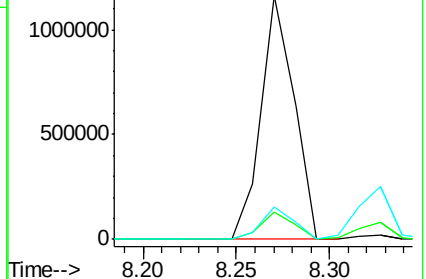
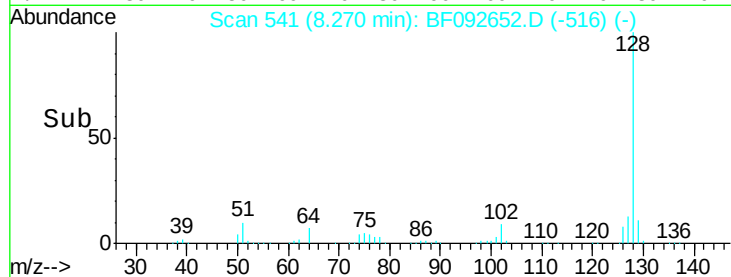
127 13.5 10.8 16.2



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: 14.01 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

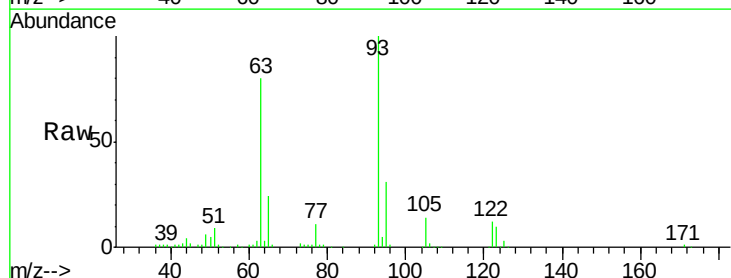
Tgt Ion:122 Resp: 44541

Ion Ratio Lower Upper

122 100

105 120.7 107.2 147.2

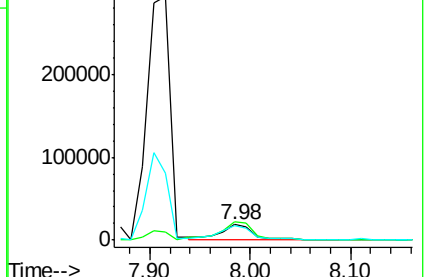
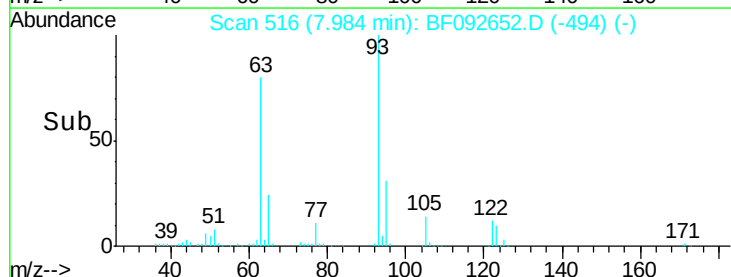
77 95.8 74.5 114.5

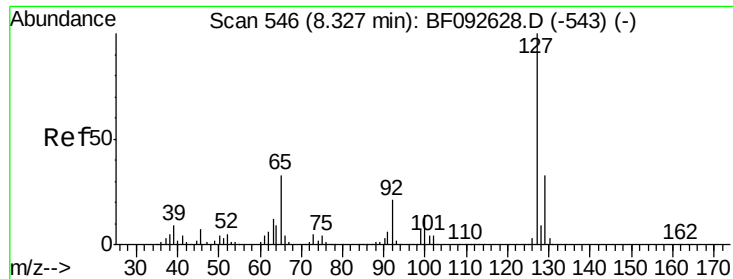


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

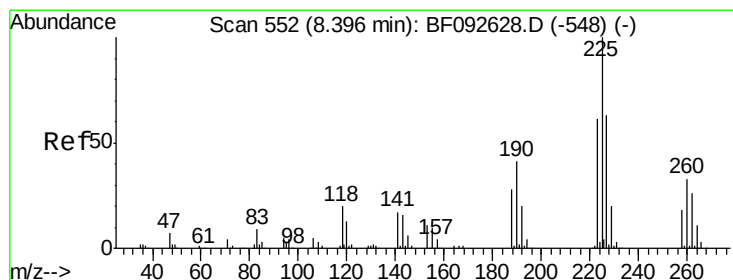
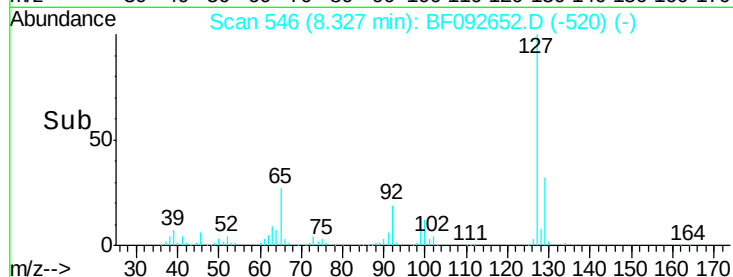
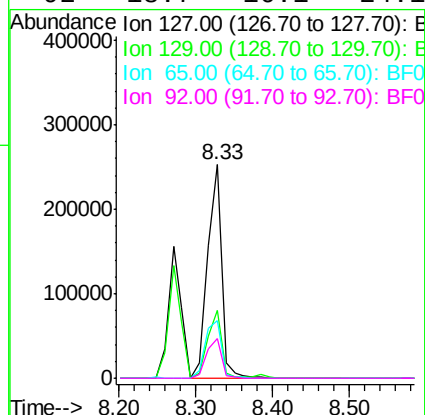
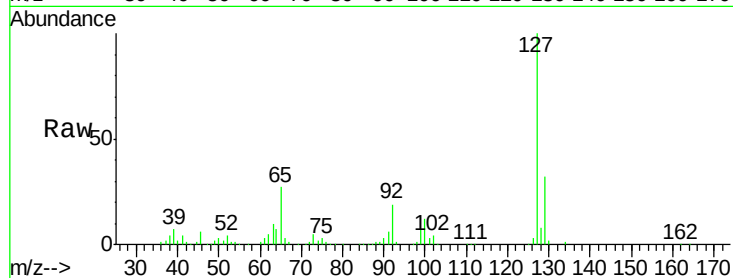




#33
4-Chloroaniline
Concen: 25.08 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

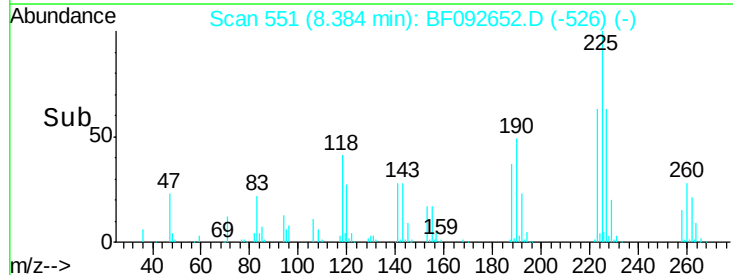
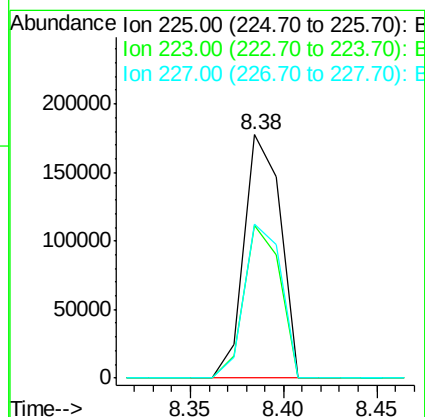
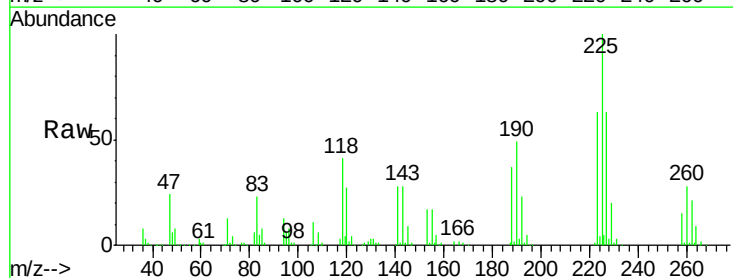
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

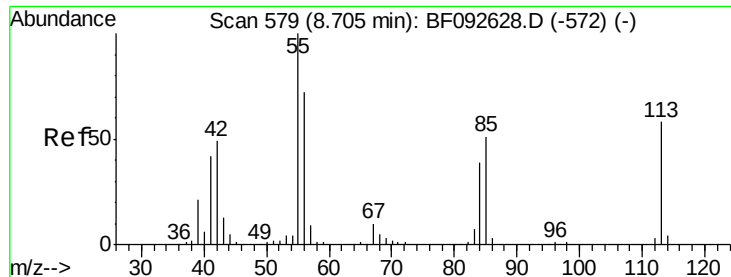
Tgt Ion:	127	Resp:	316723
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	27.2	25.8	38.8
92	18.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.30 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:	225	Resp:	239518
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	63.2	50.6	76.0





#35

Caprolactam

Concen: 27.25 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

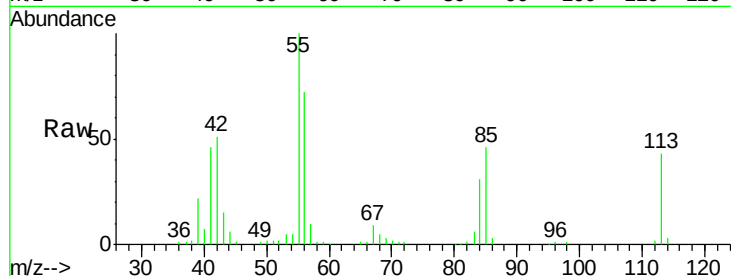
Tgt Ion:113 Resp: 78154

Ion Ratio Lower Upper

113 100

55 230.2 119.2 159.2#

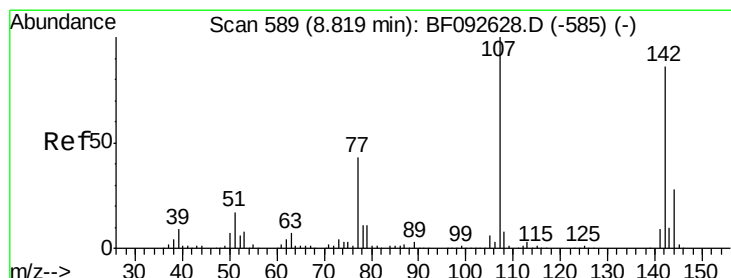
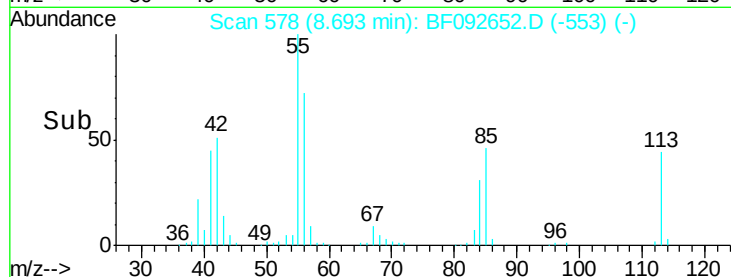
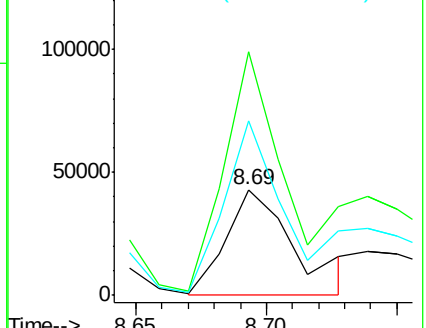
56 165.0 83.8 123.8#



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: 53.45 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

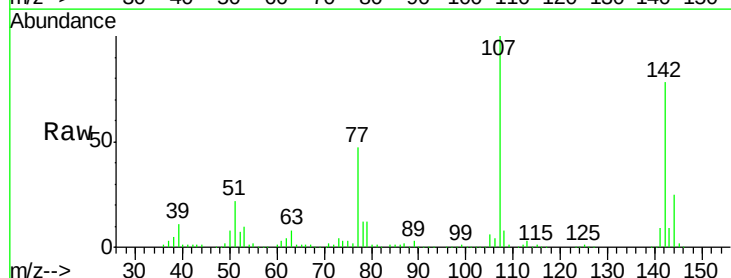
Tgt Ion:107 Resp: 508147

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

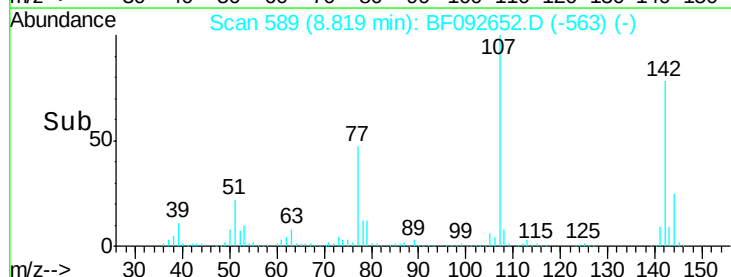
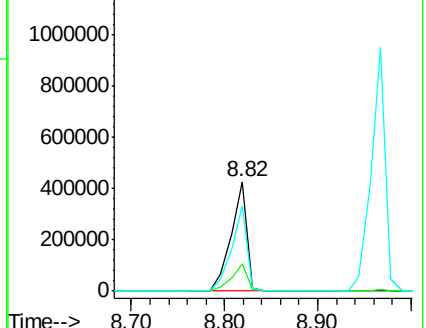
142 77.8 59.0 88.6

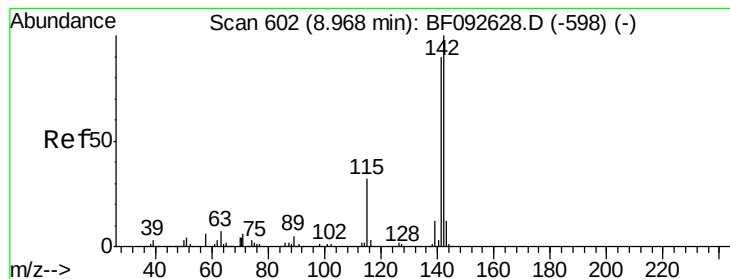


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.74 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

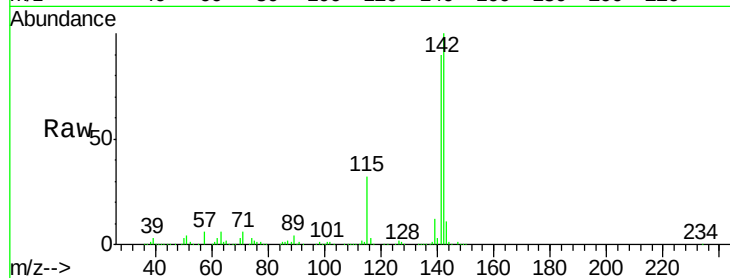
Tgt Ion:142 Resp: 1007523

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

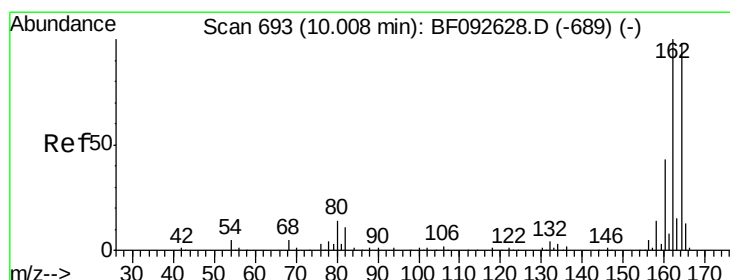
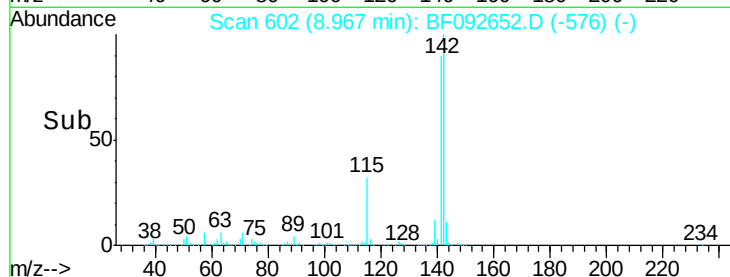
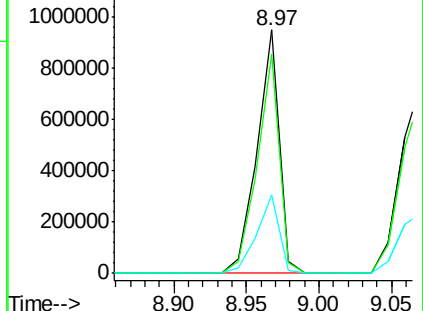
115 32.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

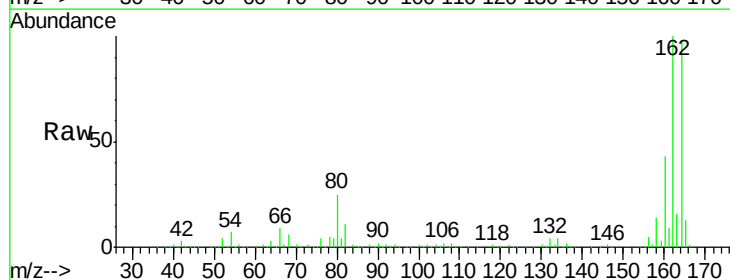
Tgt Ion:164 Resp: 352284

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

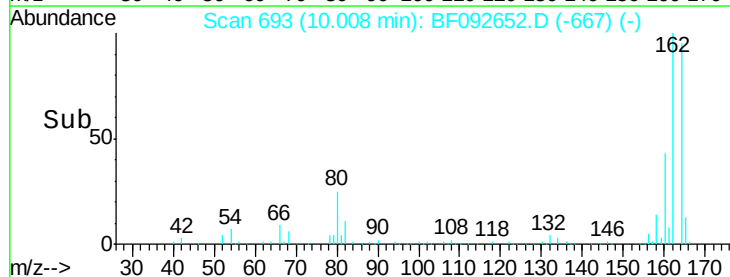
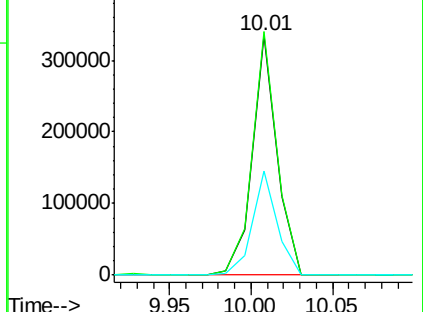
160 43.6 36.9 55.3

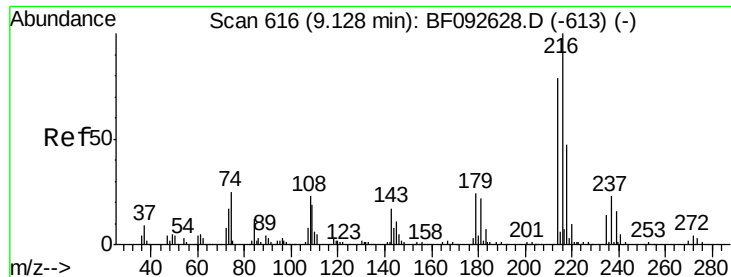


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

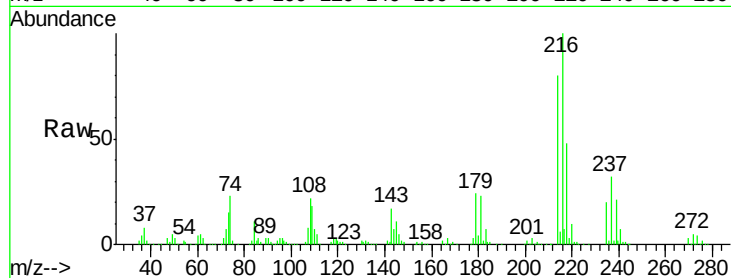




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:	216	Resp:	447472
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	21.3	17.4	26.2
108	19.7	15.6	23.4



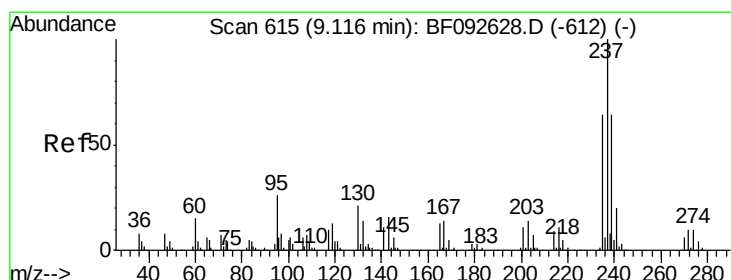
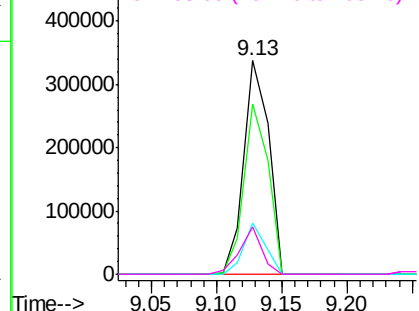
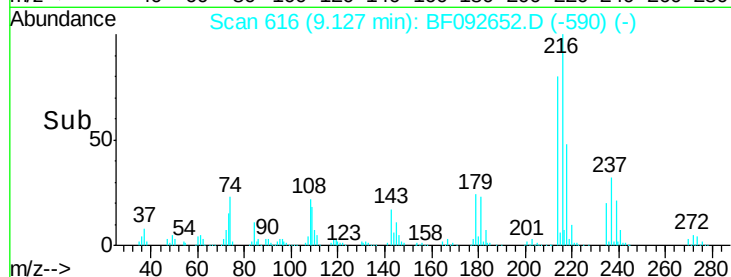
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

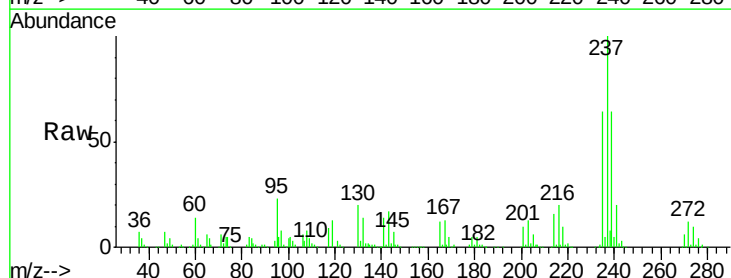
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 88.28 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:	237	Resp:	393852
Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.2	81.2
272	11.8	0.0	35.4

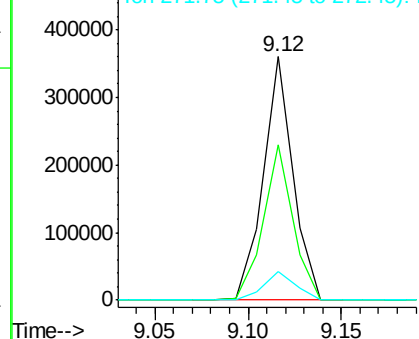
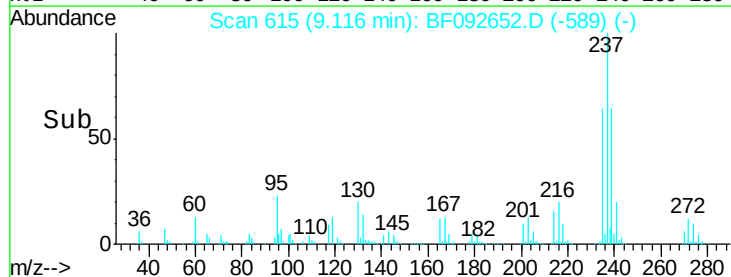


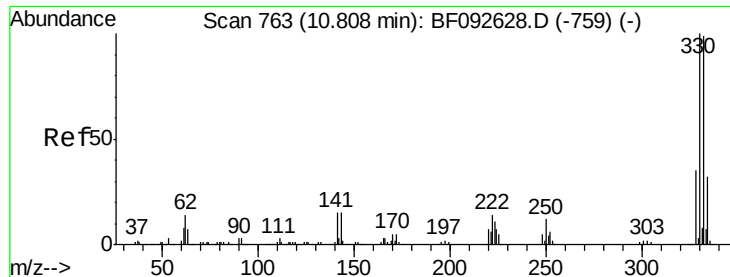
Abundance

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

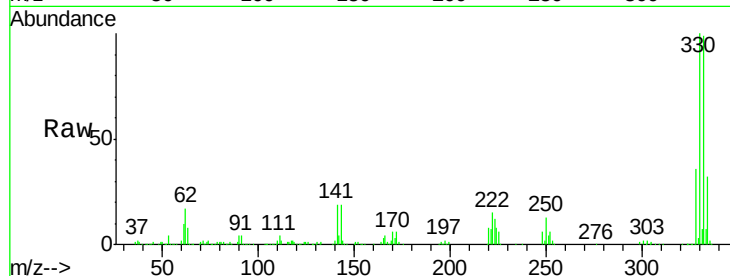




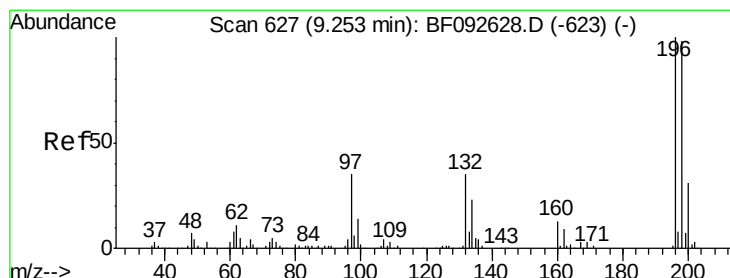
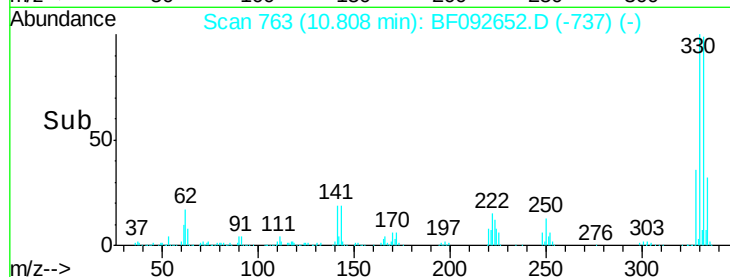
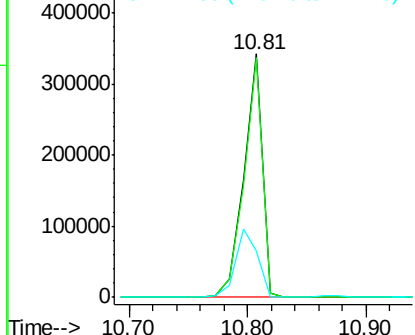
#41
 2,4,6-Tribromophenol
 Concen: 146.04 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:330 Resp: 372107
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 33.8 34.1 51.1#

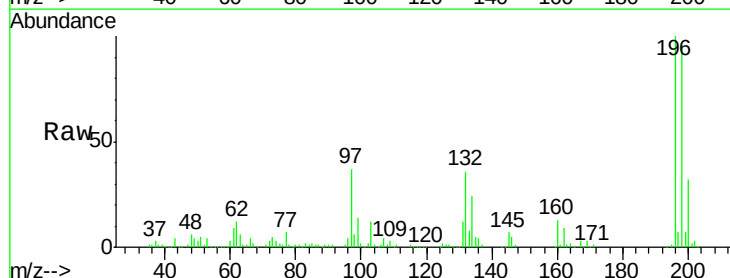


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

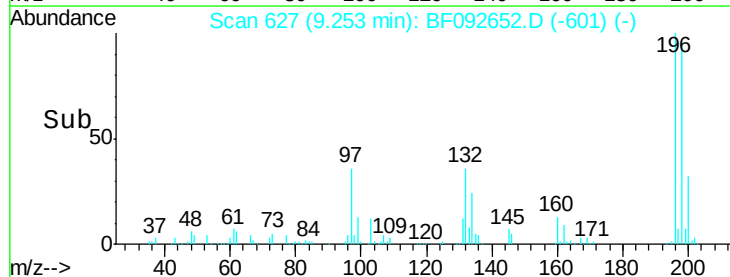
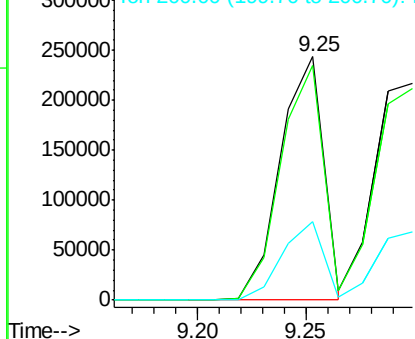


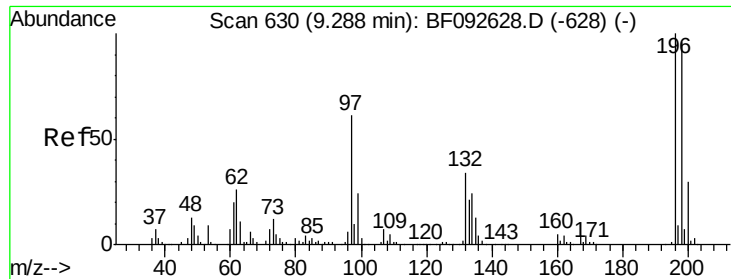
#42
 2,4,6-Trichlorophenol
 Concen: 51.70 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:196 Resp: 335931
 Ion Ratio Lower Upper
 196 100
 198 96.4 82.1 123.1
 200 32.5 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

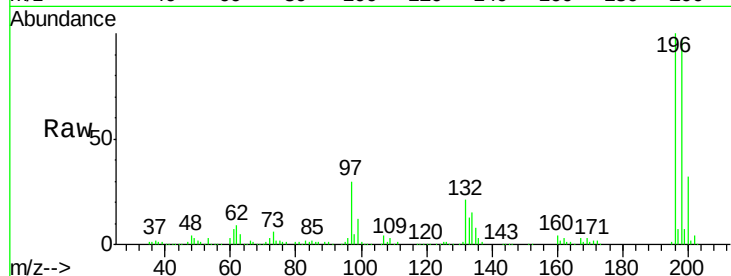




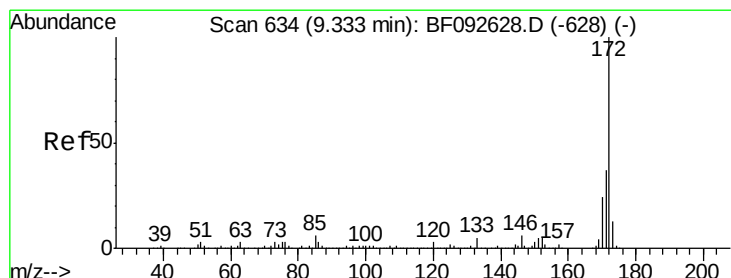
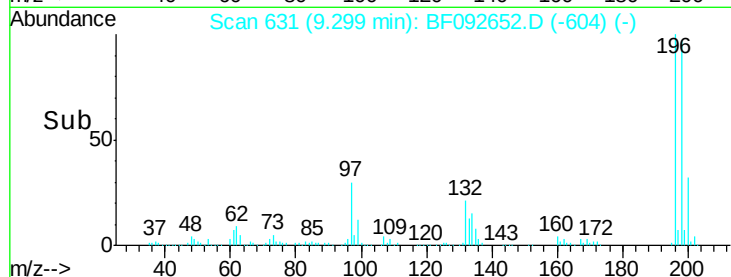
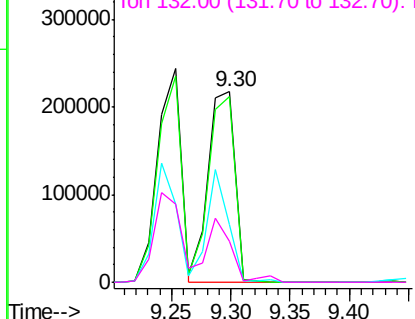
#43
 2,4,5-Trichlorophenol
 Concen: 47.29 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:196 Resp: 336707
 Ion Ratio Lower Upper
 196 100
 198 97.4 79.4 119.2
 97 30.1 51.5 77.3#
 132 21.3 27.4 41.2#

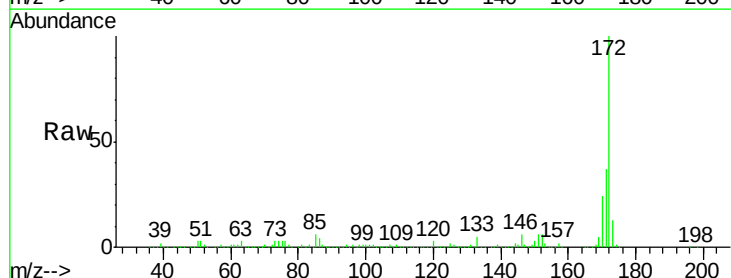


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

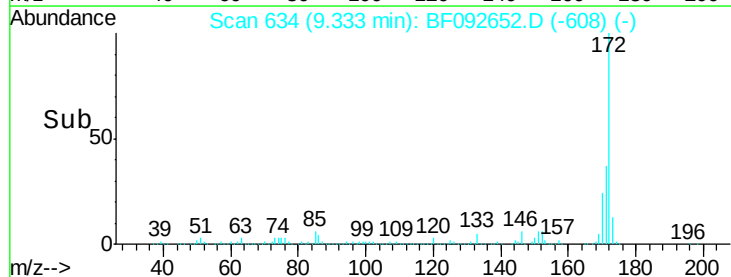
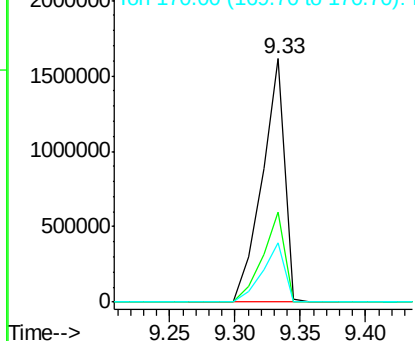


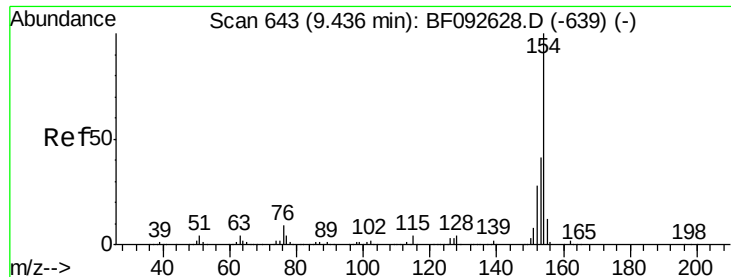
#44
 2-Fluorobiphenyl
 Concen: 99.64 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:172 Resp: 1937480
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.4 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

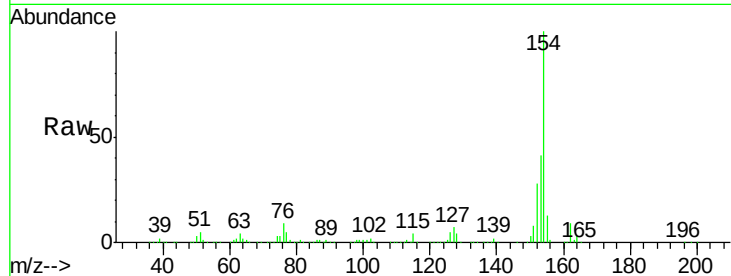




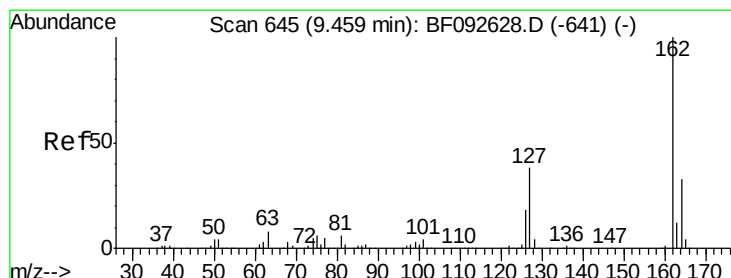
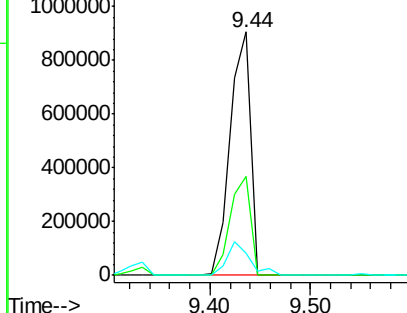
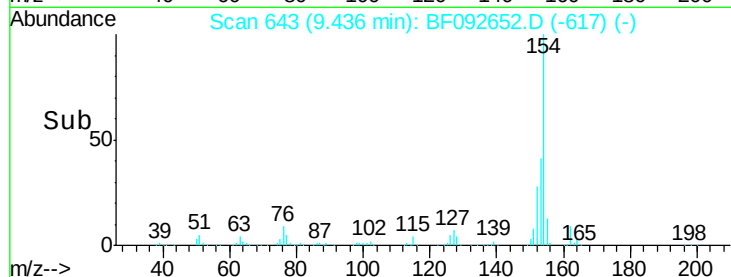
#45
 1,1'-Biphenyl
 Concen: 49.73 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:154 Resp: 1268480
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 9.2 0.0 30.5

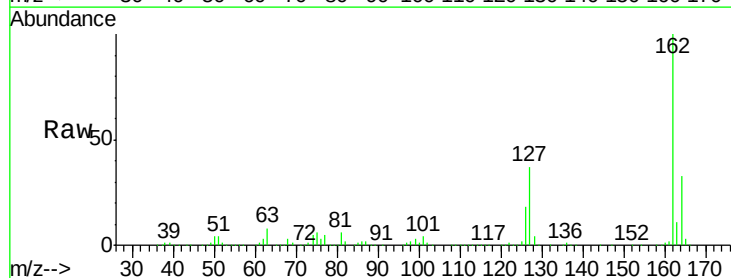


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

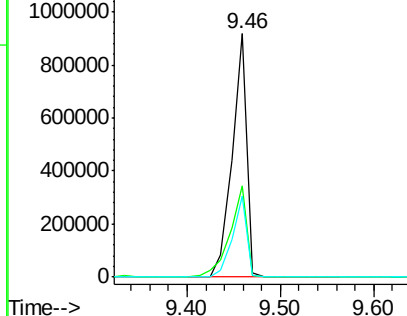
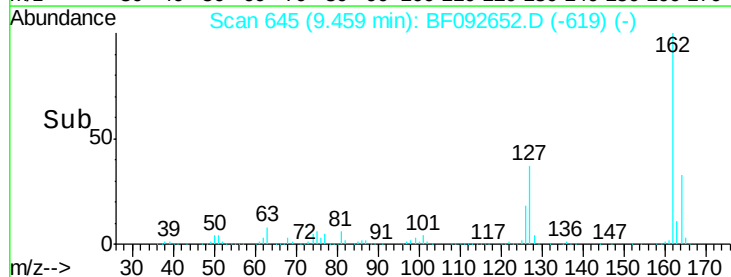


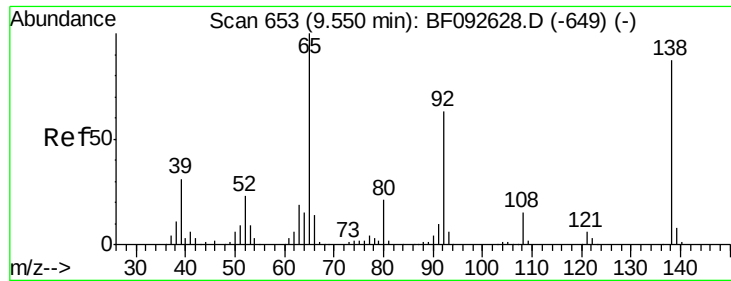
#46
 2-Chloronaphthalene
 Concen: 50.32 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:162 Resp: 1004068
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.7 46.1
 164 33.0 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

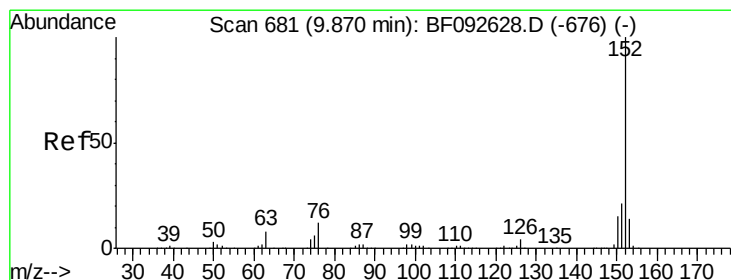
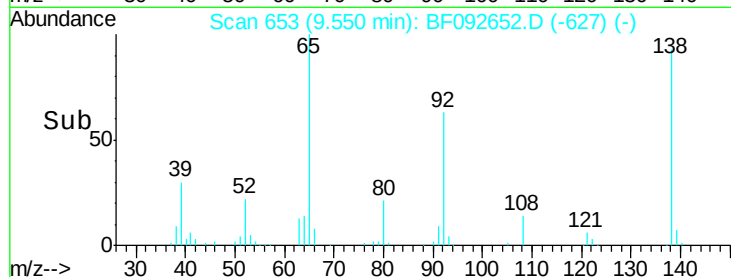
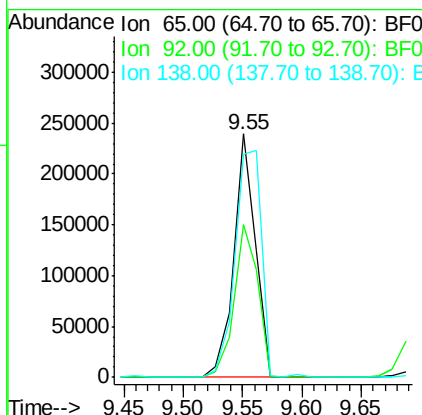
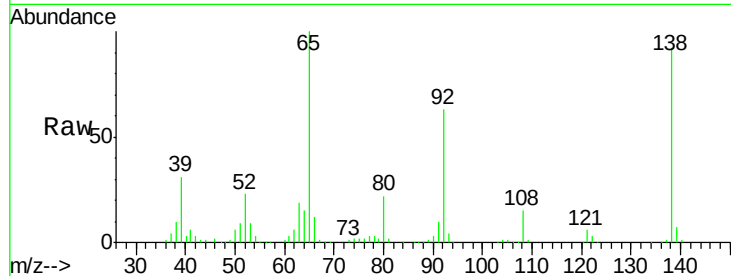




#47
2-Nitroaniline
Concen: 45.01 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

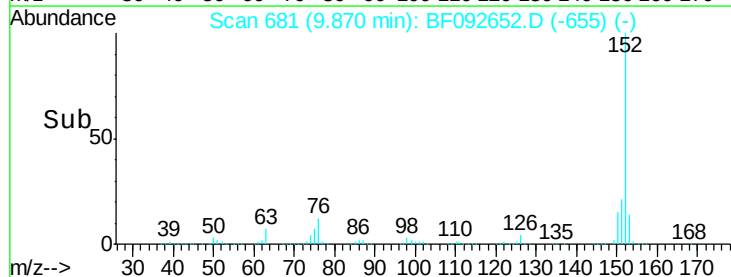
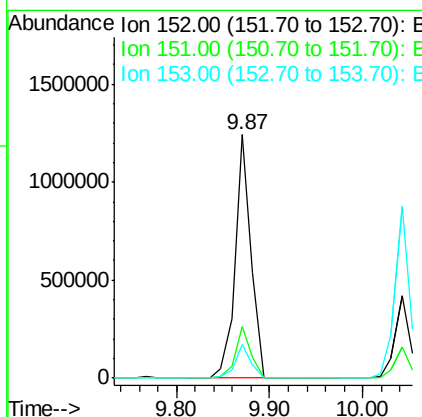
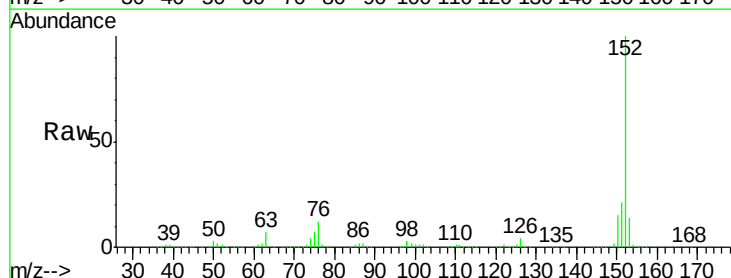
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

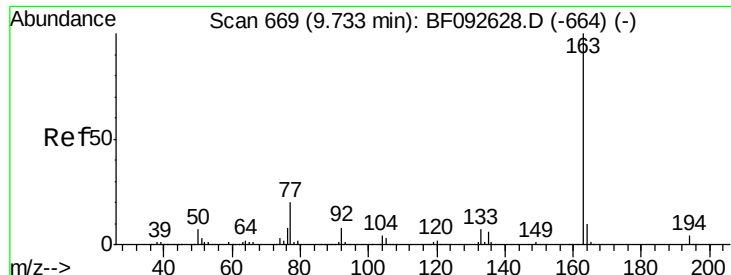
Tgt Ion: 65 Resp: 301976
Ion Ratio Lower Upper
65 100
92 62.8 53.9 80.9
138 91.7 76.8 115.2



#48
Acenaphthylene
Concen: 42.43 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion: 152 Resp: 1462806
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.9 11.4 17.2

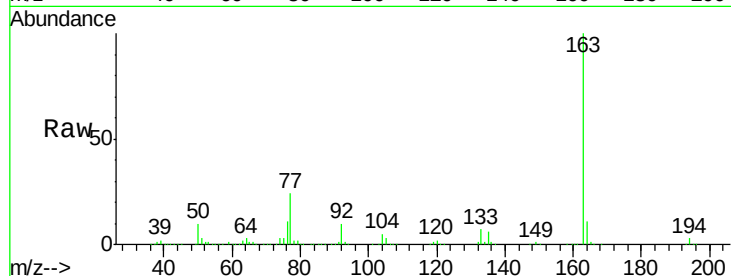




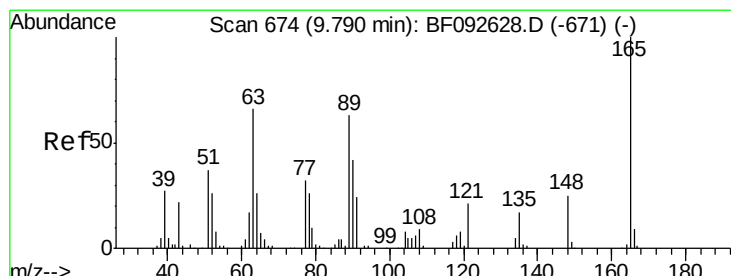
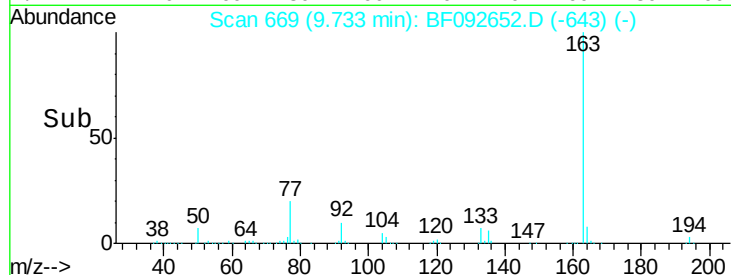
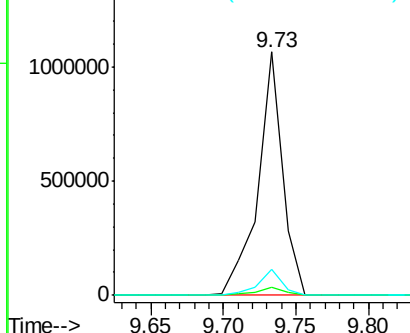
#49
Dimethylphthalate
Concen: 52.98 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:163 Resp: 1257131
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.5 8.0 12.0

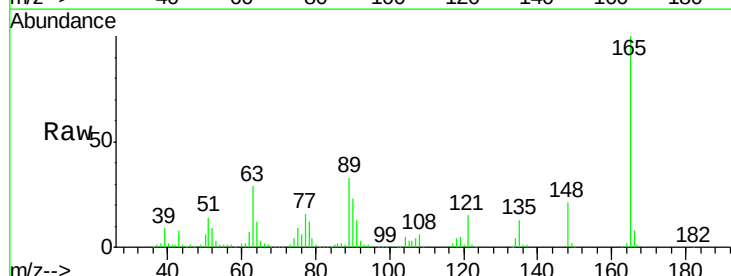


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

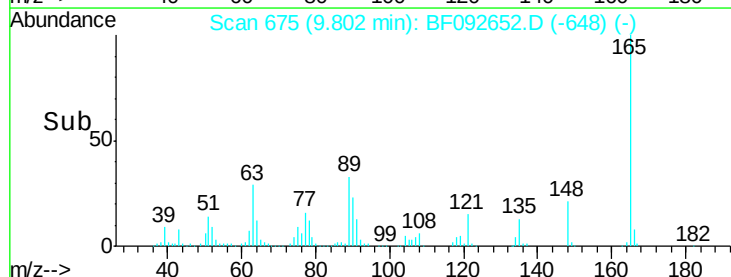
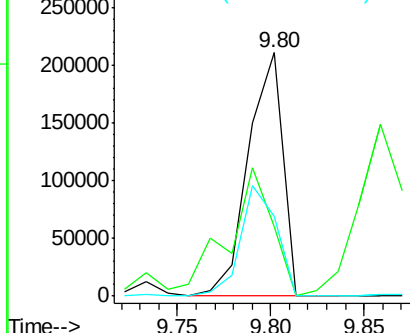


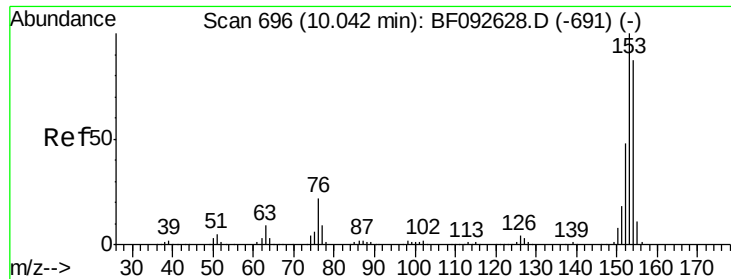
#50
2,6-Dinitrotoluene
Concen: 52.70 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:165 Resp: 270071
Ion Ratio Lower Upper
165 100
63 28.8 36.2 54.4#
89 32.8 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: 43.87 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

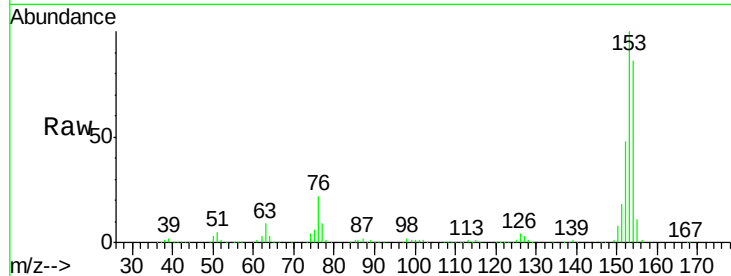
Tgt Ion:154 Resp: 904285

Ion Ratio Lower Upper

154 100

153 116.2 88.6 133.0

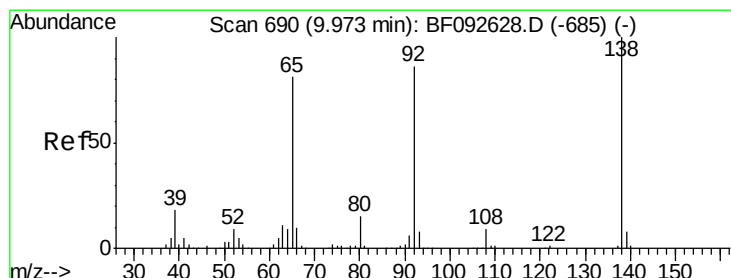
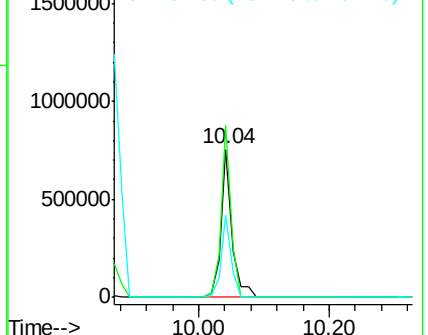
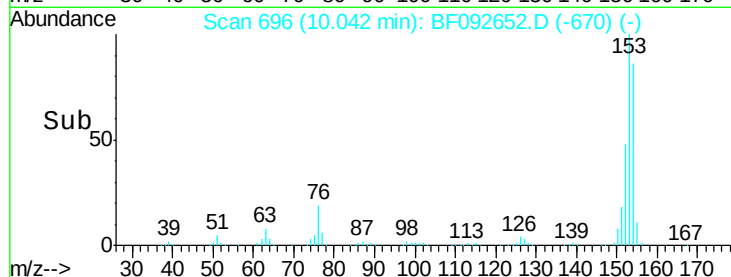
152 55.7 41.6 62.4



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: 33.26 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

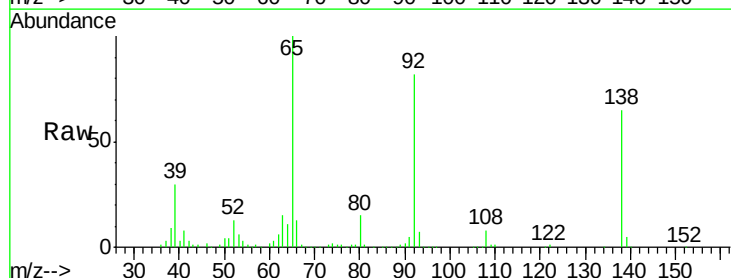
Tgt Ion:138 Resp: 195060

Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

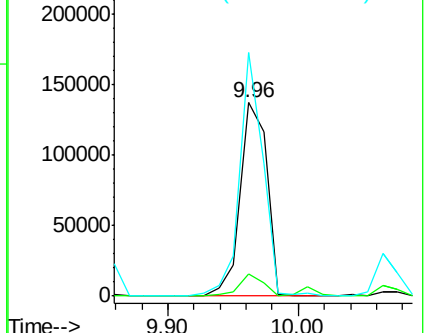
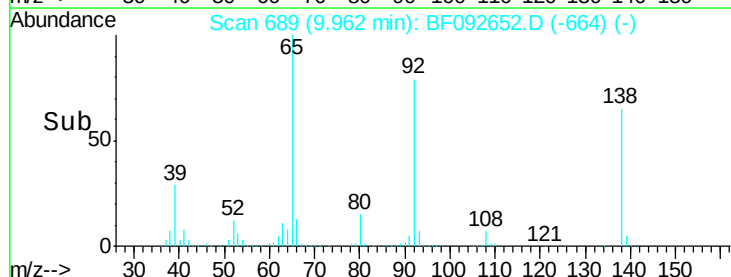
92 125.9 97.8 146.8

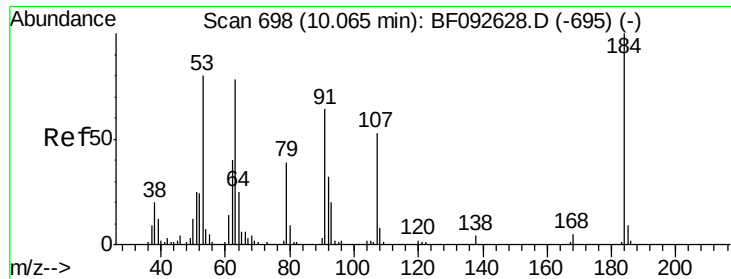


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

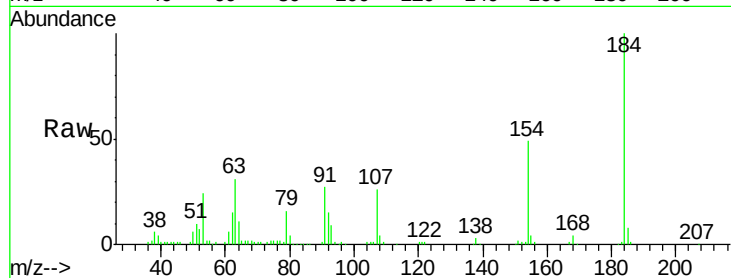




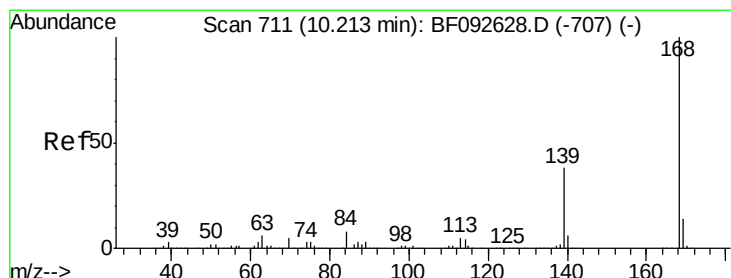
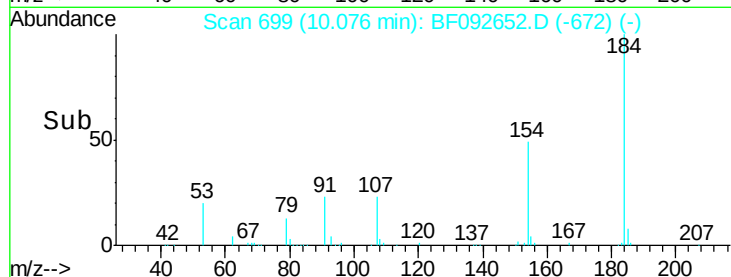
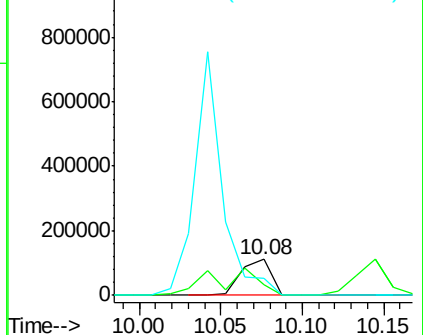
#53
2,4-Dinitrophenol
Concen: 57.45 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:184 Resp: 146057
Ion Ratio Lower Upper
184 100
63 30.7 28.4 42.6
154 49.0 44.3 66.5

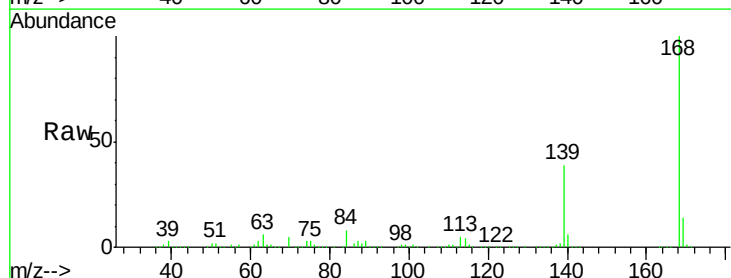


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

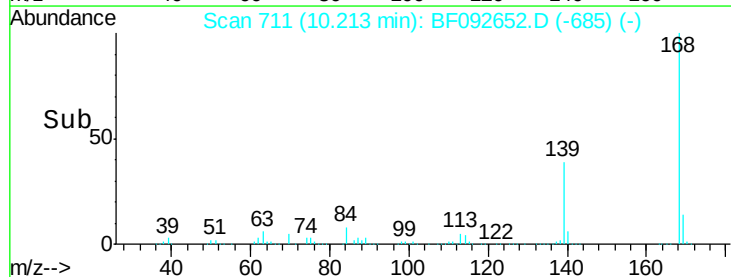
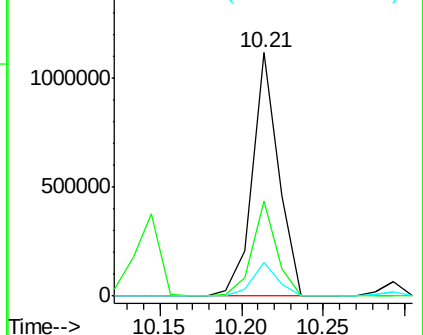


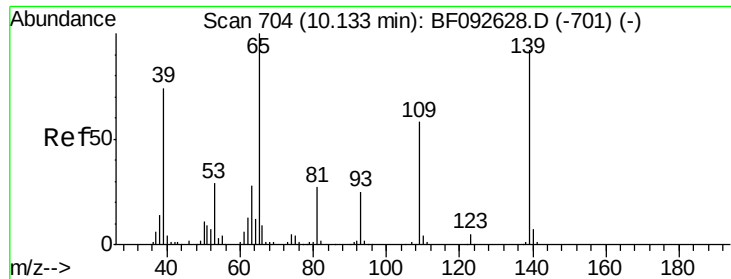
#54
Dibenzofuran
Concen: 45.00 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:168 Resp: 1240422
Ion Ratio Lower Upper
168 100
139 39.0 32.6 49.0
169 14.1 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

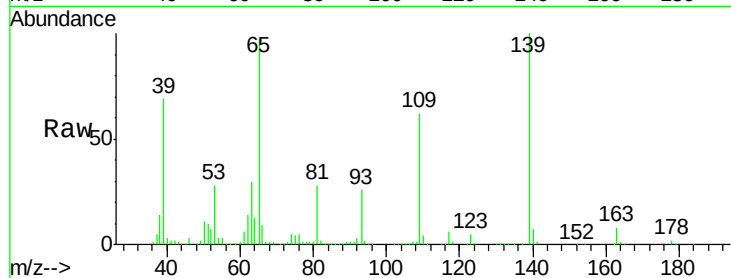




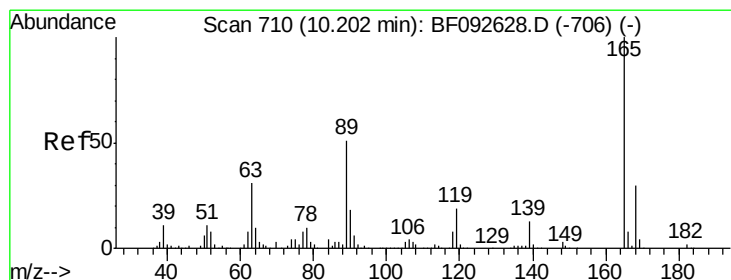
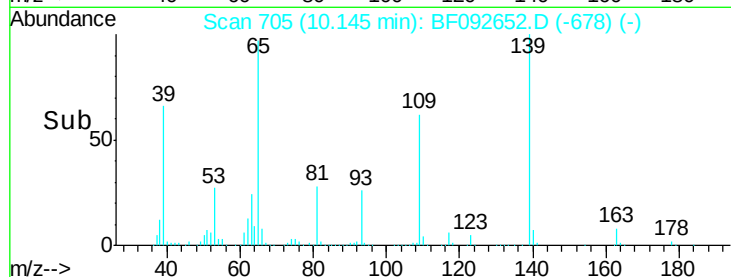
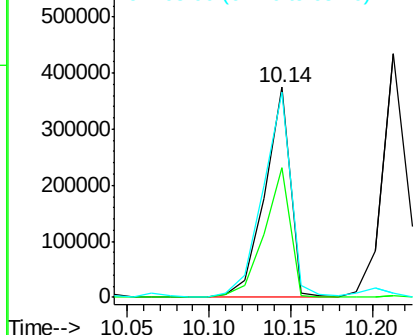
#55
4-Nitrophenol
Concen: 97.38 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:139 Resp: 411327
Ion Ratio Lower Upper
139 100
109 61.6 52.2 92.2
65 97.8 85.8 125.8

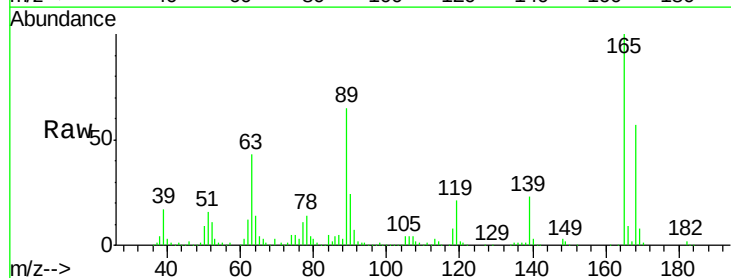


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

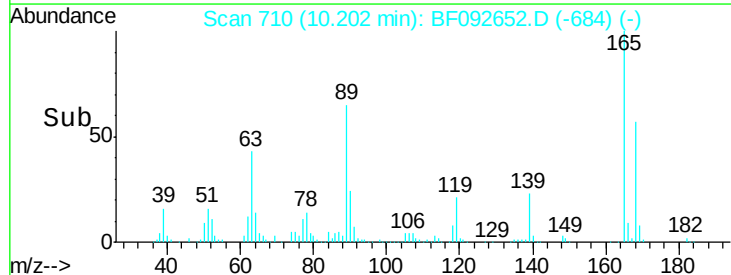
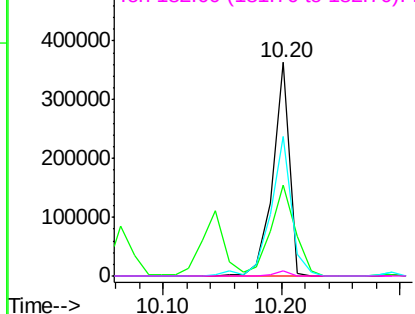


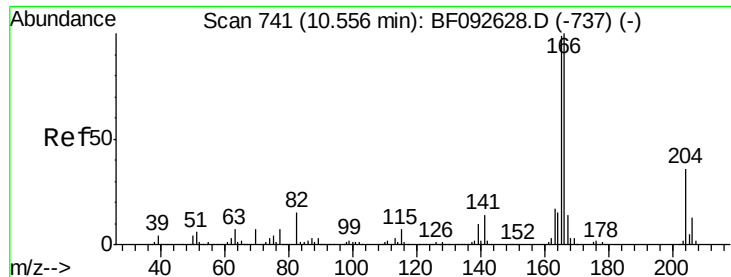
#56
2,4-Dinitrotoluene
Concen: 52.16 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:165 Resp: 355824
Ion Ratio Lower Upper
165 100
63 42.6 40.2 60.4
89 65.2 62.5 93.7
182 2.4 1.8 2.8



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.30 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

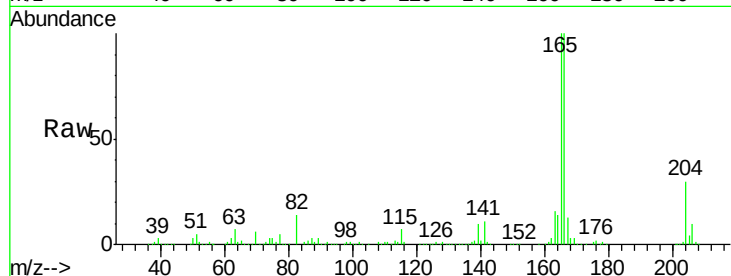
Tgt Ion:166 Resp: 918422

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

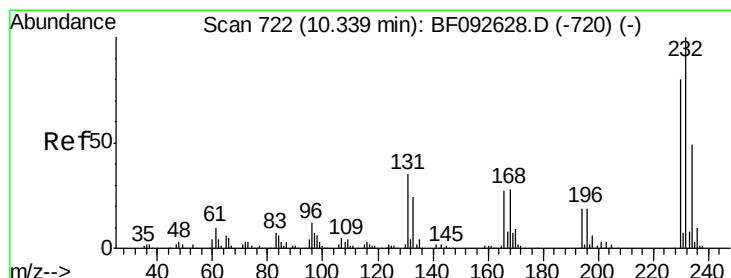
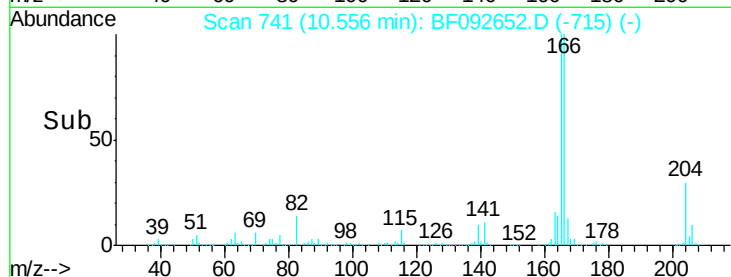
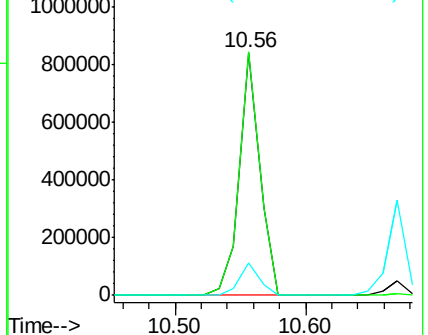
167 13.5 10.8 16.2



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: 54.48 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion:232 Resp: 258752

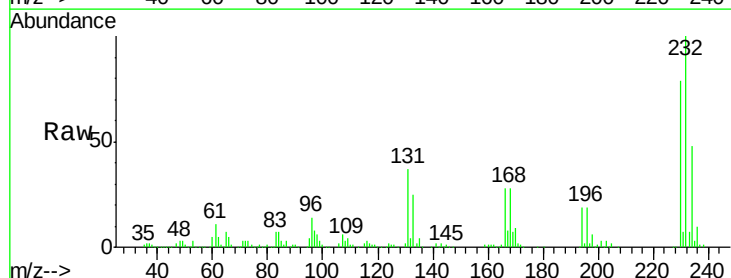
Ion Ratio Lower Upper

232 100

131 47.5 40.1 60.1

130 2.1 1.8 2.8

166 33.4 26.6 39.8

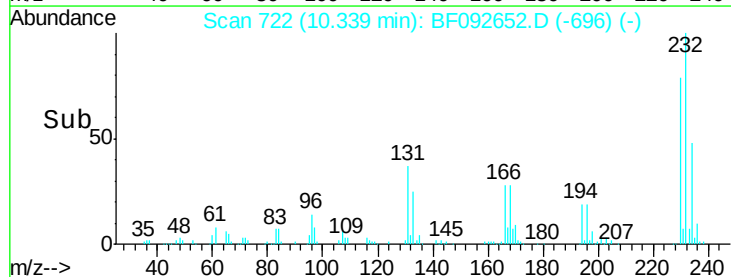
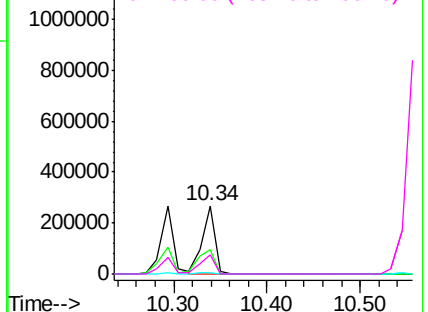


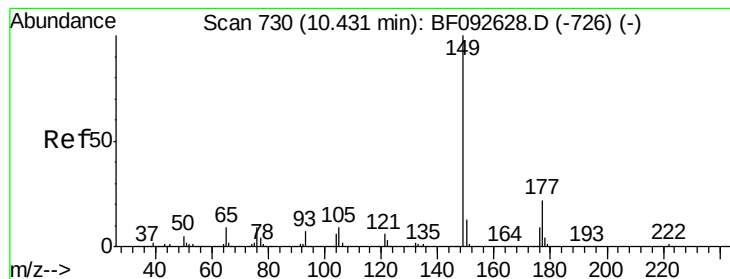
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.98 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

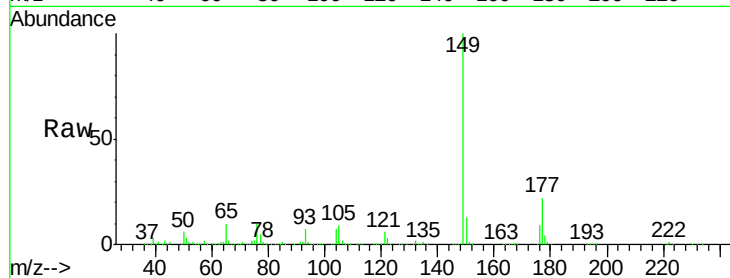
Tgt Ion:149 Resp: 1050660

Ion Ratio Lower Upper

149 100

177 22.1 16.6 25.0

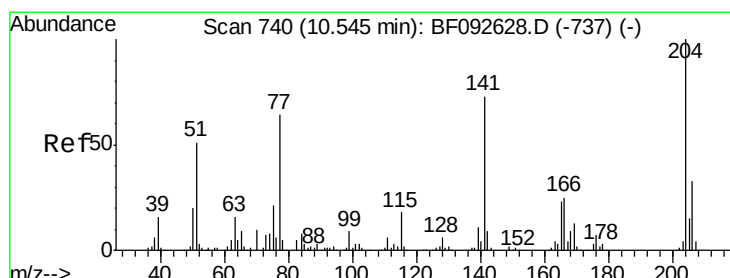
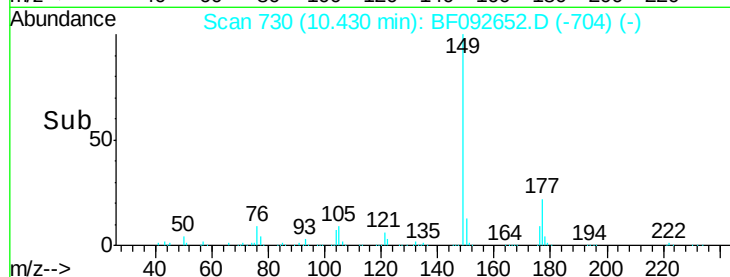
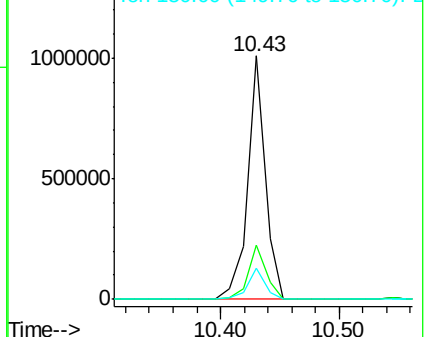
150 12.8 10.4 15.6



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: 42.67 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

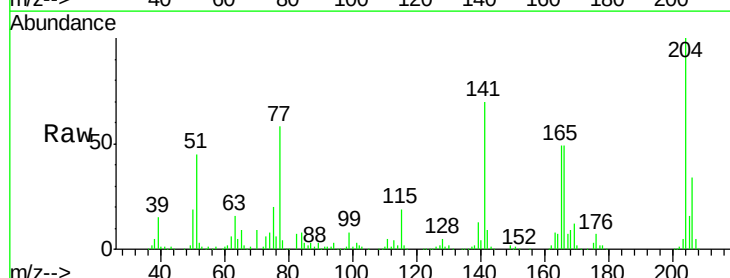
Tgt Ion:204 Resp: 434757

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

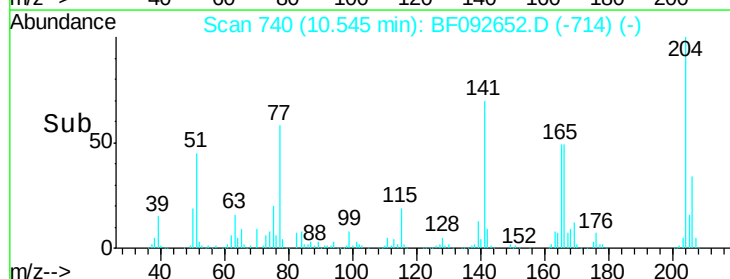
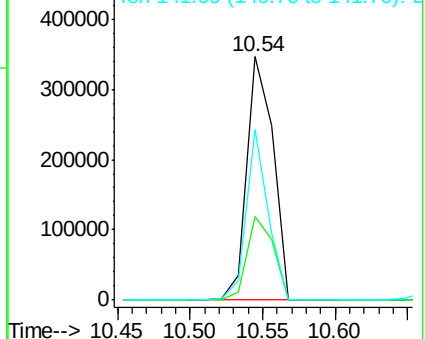
141 70.3 59.4 89.0

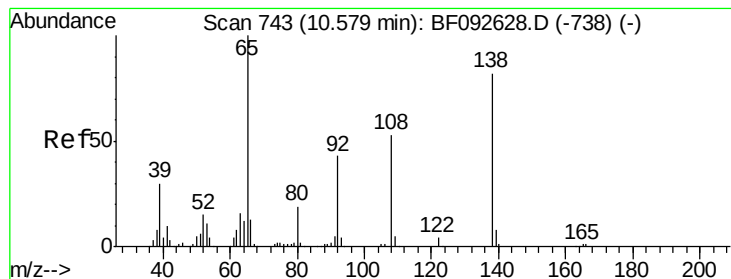


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.61 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

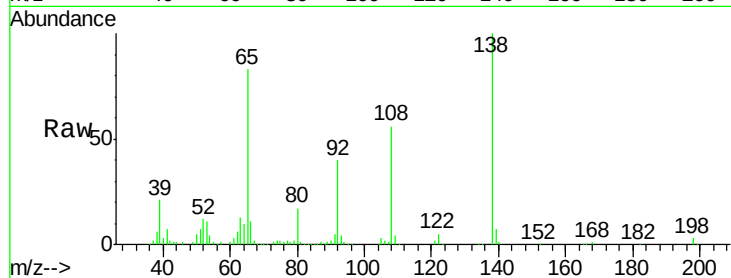
Tgt Ion:138 Resp: 279987

Ion Ratio Lower Upper

138 100

92 40.4 31.7 71.7

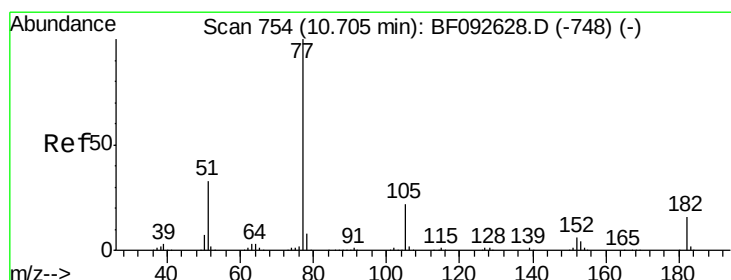
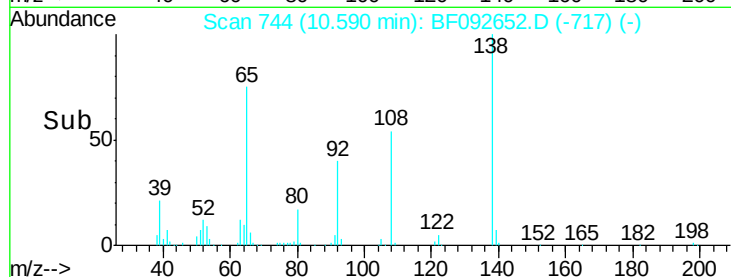
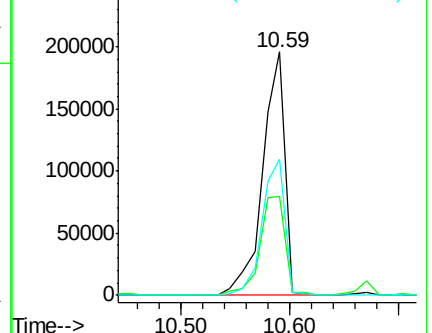
108 55.7 52.6 92.6



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: 49.37 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Tgt Ion: 77 Resp: 1140647

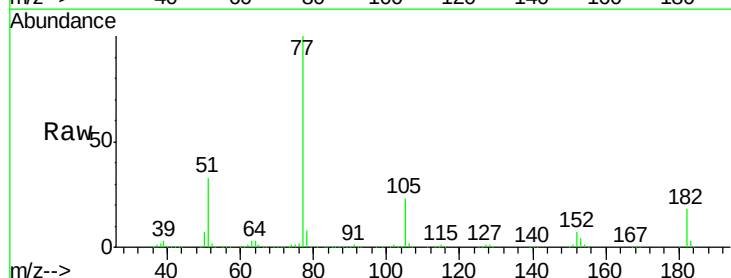
Ion Ratio Lower Upper

77 100

182 18.3 0.0 39.3

105 22.5 2.3 42.3

51 32.9 8.9 48.9

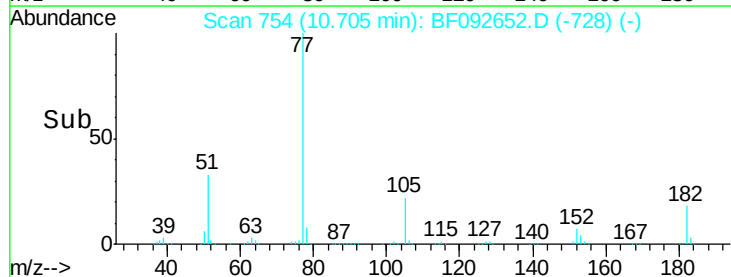
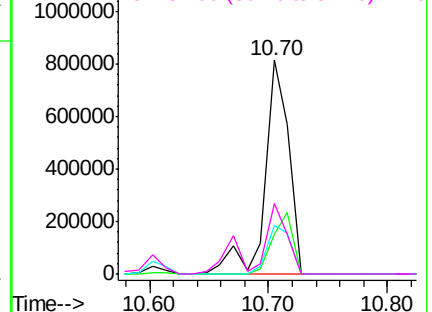


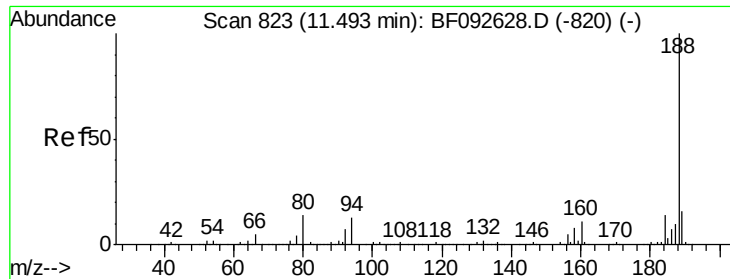
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

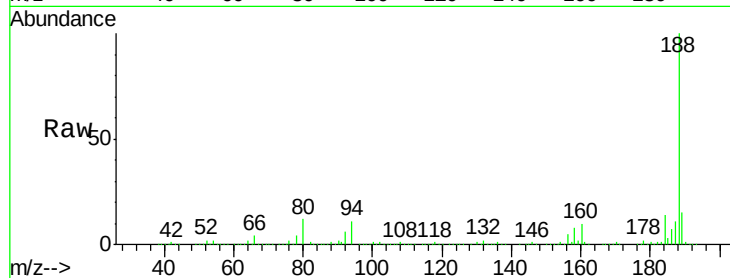




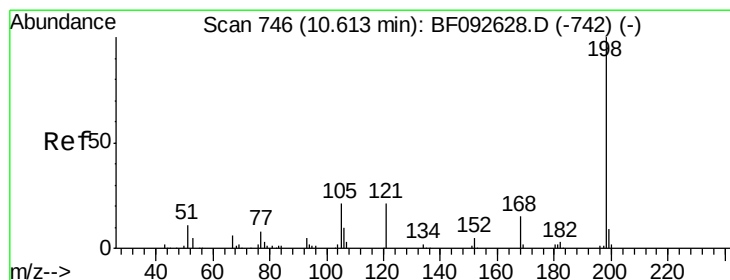
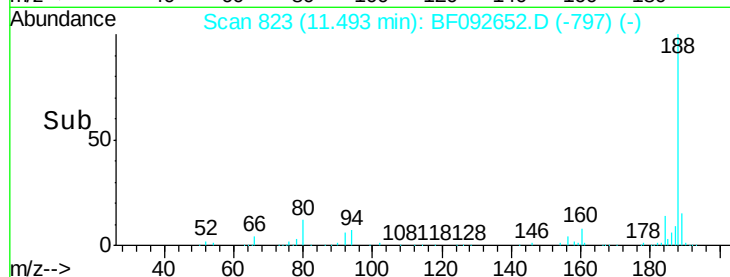
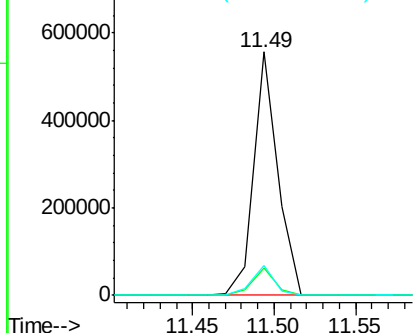
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:188 Resp: 569934
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 12.3 11.2 16.8

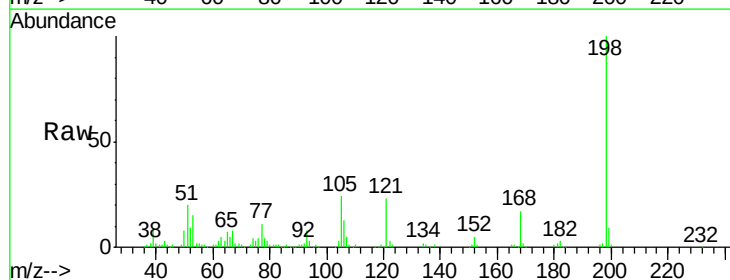


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

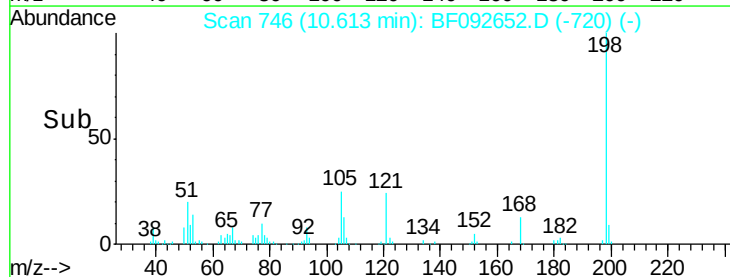
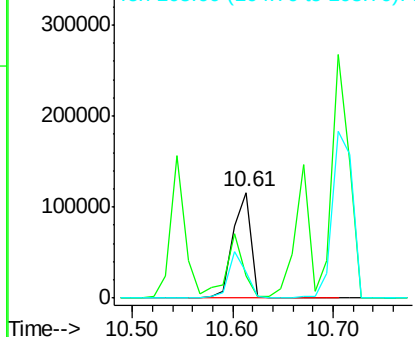


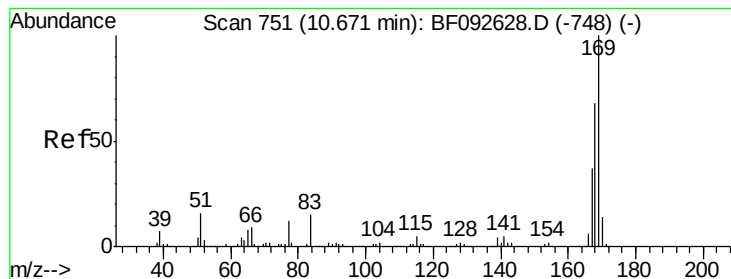
#64
4,6-Dinitro-2-methylphenol
Concen: 41.78 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:198 Resp: 143651
Ion Ratio Lower Upper
198 100
51 20.5 6.7 46.7
105 24.4 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: 46.33 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

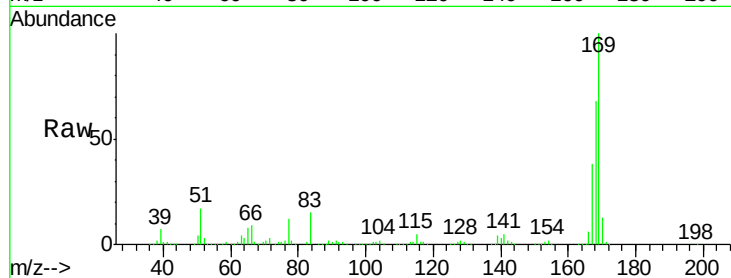
Tgt Ion:169 Resp: 843461

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

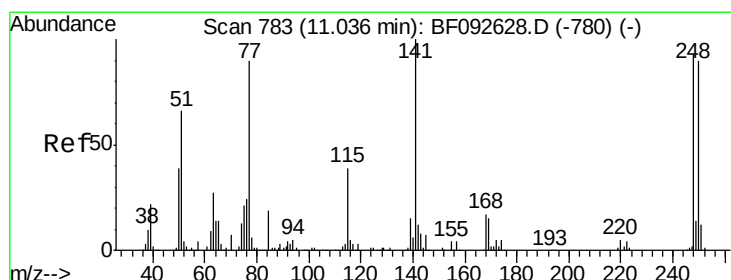
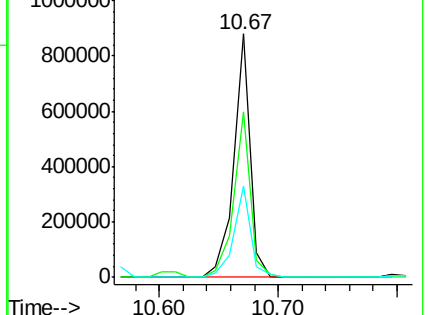
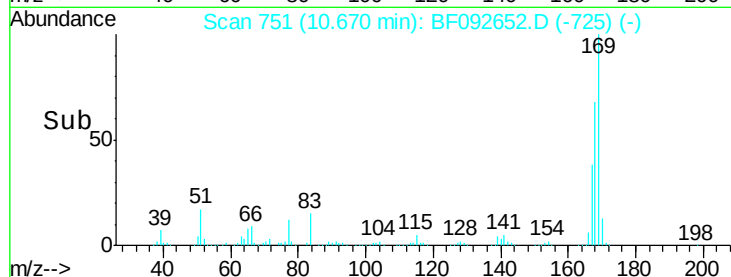
167 37.6 30.2 45.4



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: 45.04 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

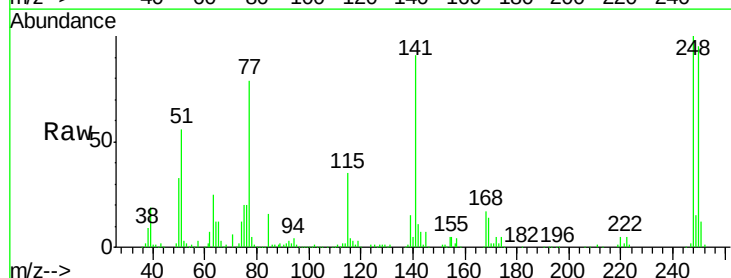
Tgt Ion:248 Resp: 268215

Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

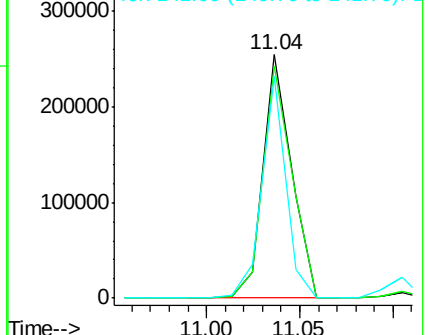
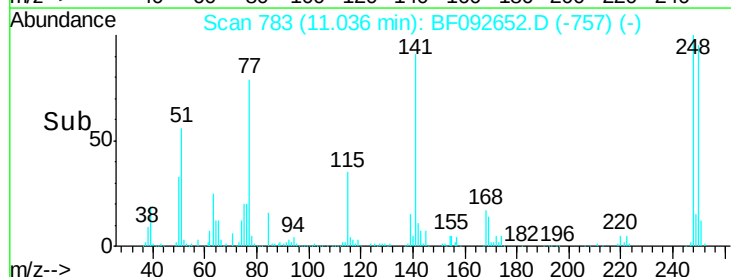
141 91.4 68.2 102.4

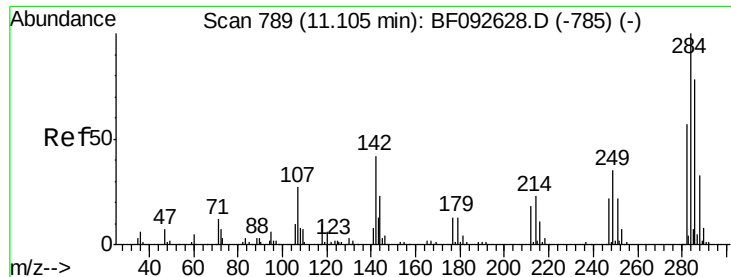


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

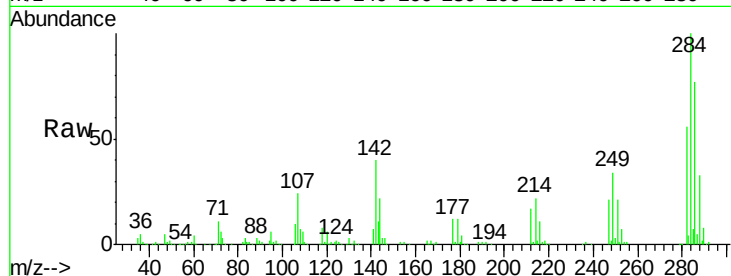




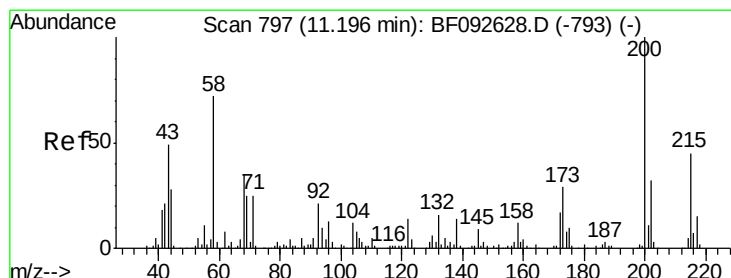
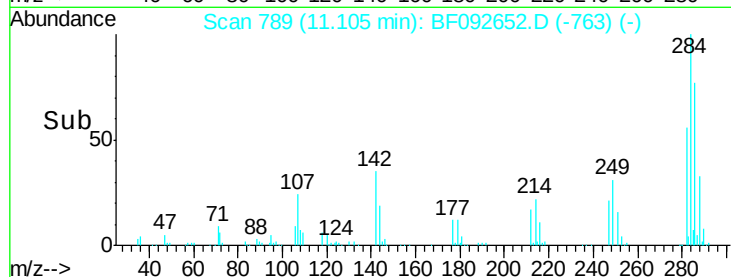
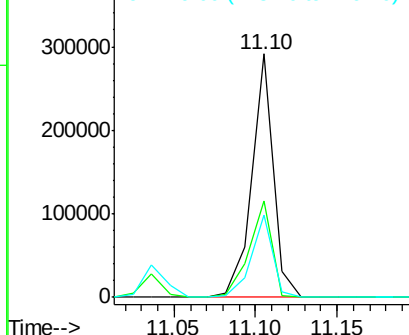
#67
Hexachlorobenzene
Concen: 45.34 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:284 Resp: 266779
Ion Ratio Lower Upper
284 100
142 39.6 22.6 33.8#
249 34.0 25.4 38.0

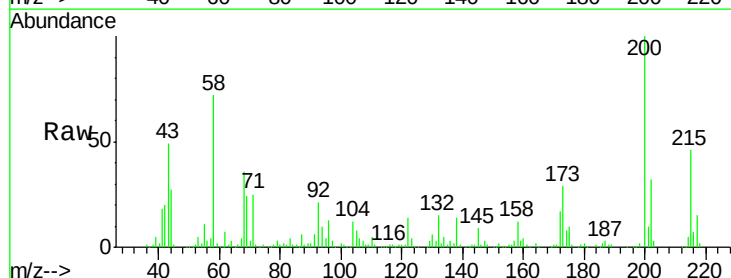


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

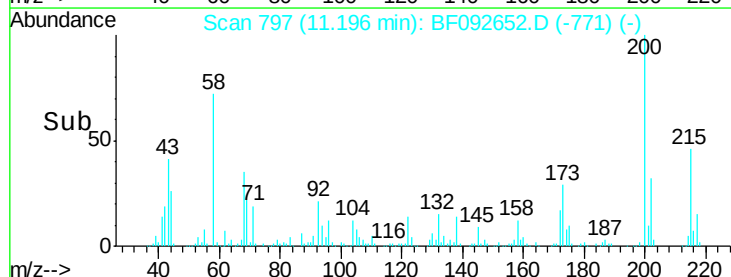
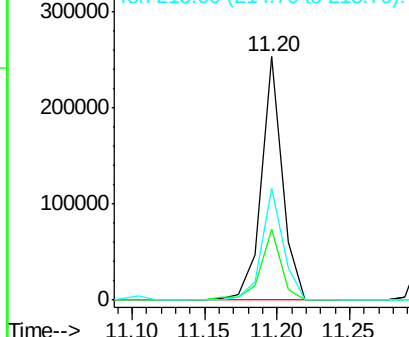


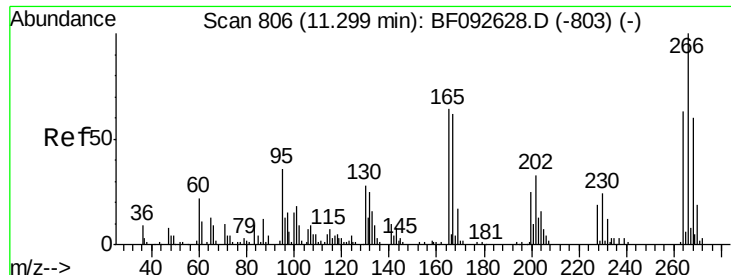
#68
Atrazine
Concen: 43.45 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:200 Resp: 253875
Ion Ratio Lower Upper
200 100
173 29.2 9.6 49.6
215 46.0 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

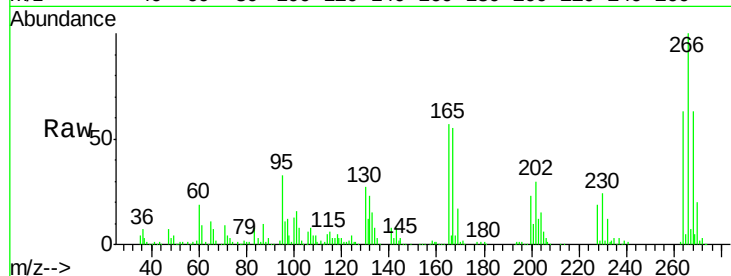




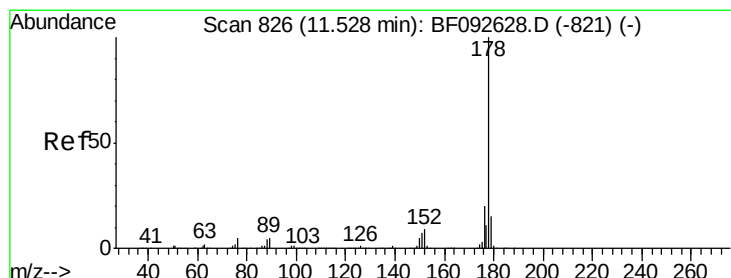
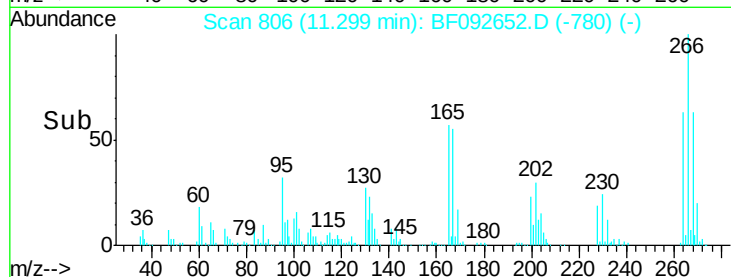
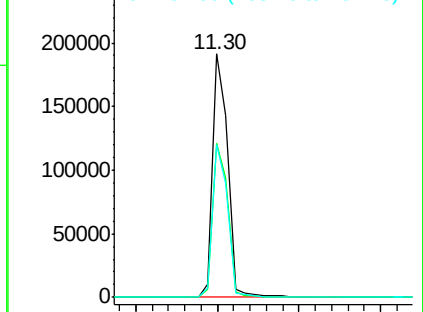
#69
 Pentachlorophenol
 Concen: 81.67 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:266 Resp: 248594
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.3 79.9
 264 62.7 50.3 75.5

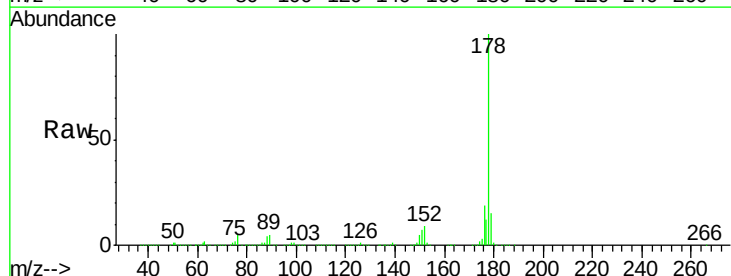


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

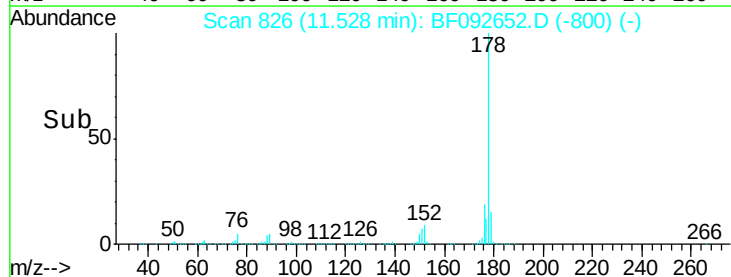
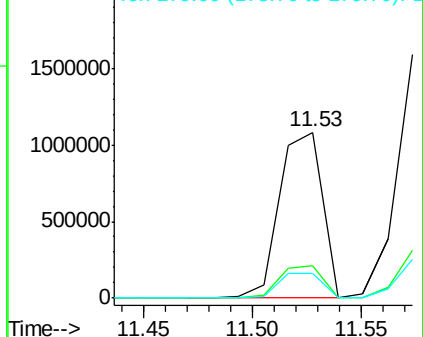


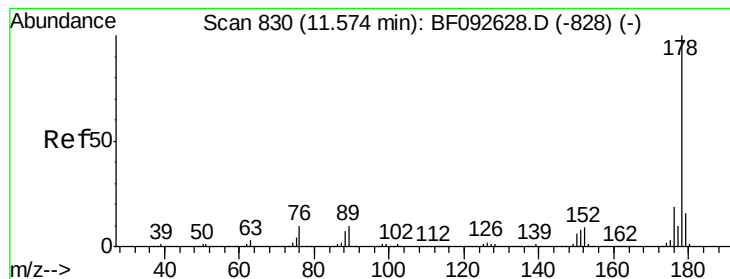
#70
 Phenanthrene
 Concen: 45.85 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:178 Resp: 1497126
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.6 25.0
 179 15.0 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: 44.66 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

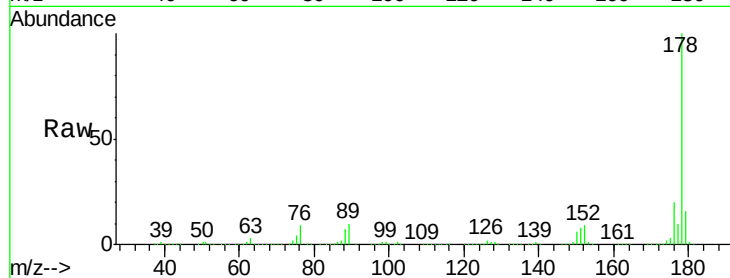
Tgt Ion:178 Resp: 1464446

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

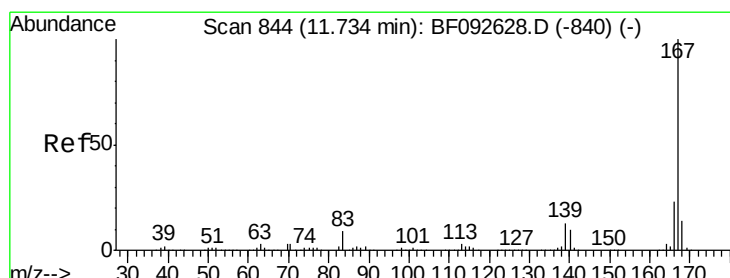
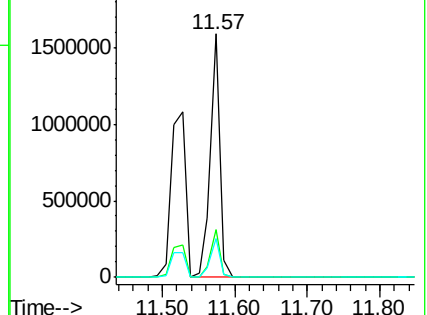
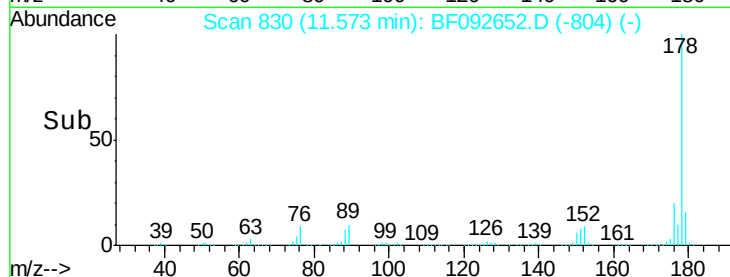
179 15.9 13.2 19.8



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: 46.43 ng

RT: 11.73 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

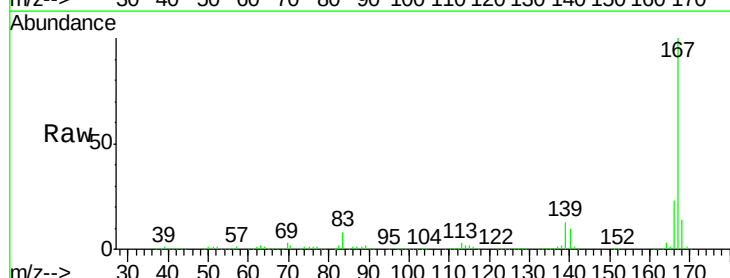
Tgt Ion:167 Resp: 1455264

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

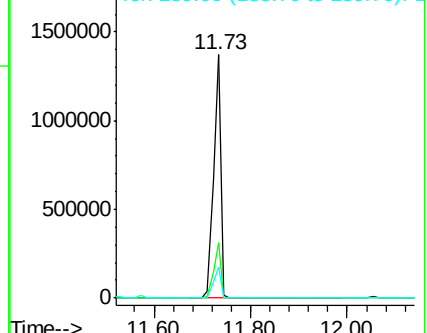
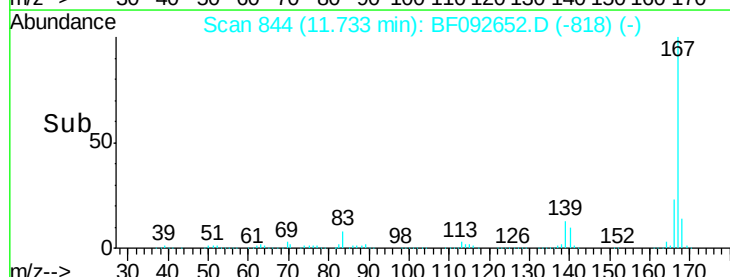
139 12.7 11.4 17.2

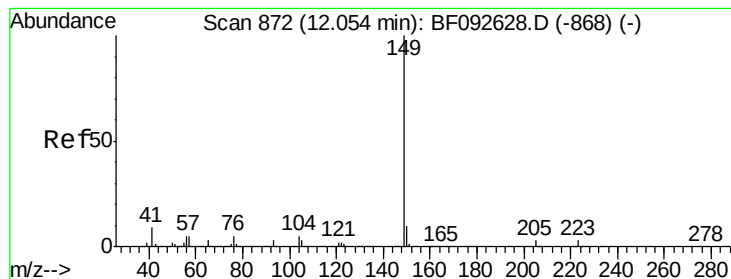


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.19 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

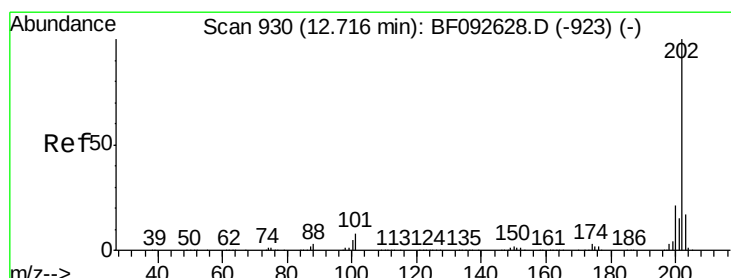
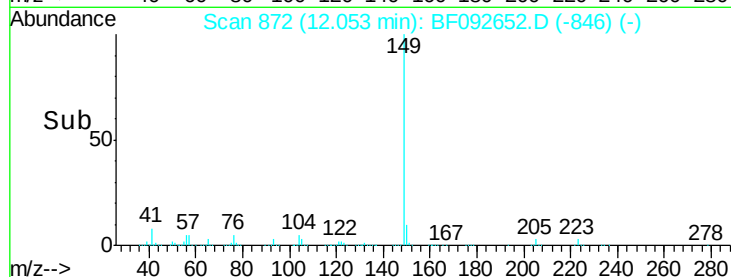
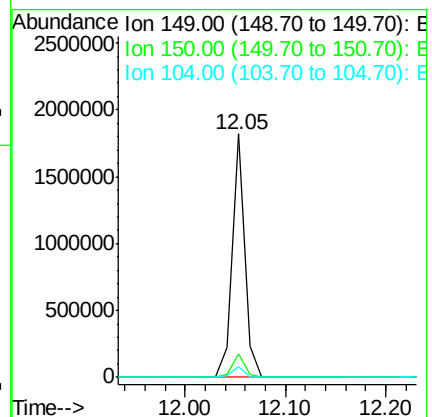
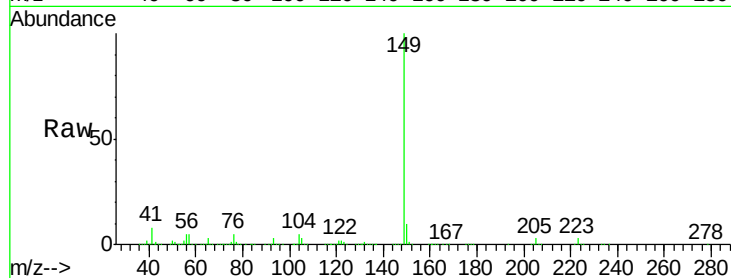
Tgt Ion:149 Resp: 1565662

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 4.5 4.6 7.0#



#74

Fluoranthene

Concen: 43.54 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

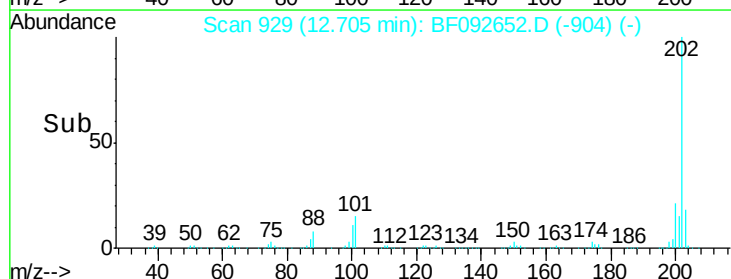
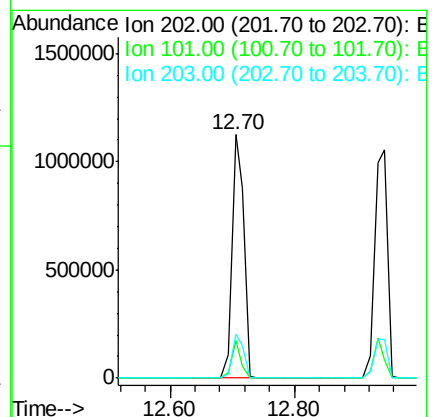
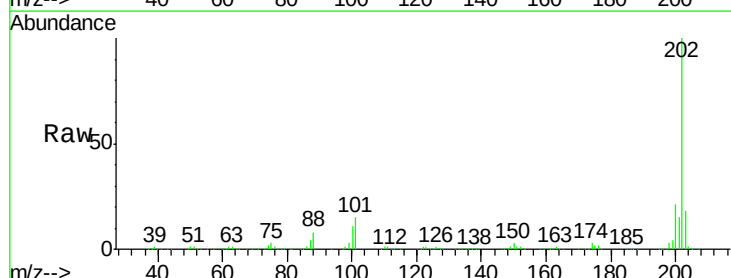
Tgt Ion:202 Resp: 1466598

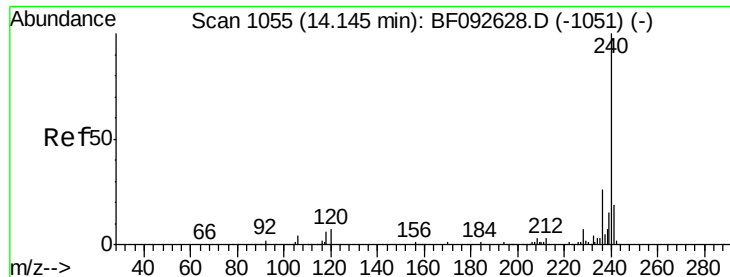
Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.6

203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

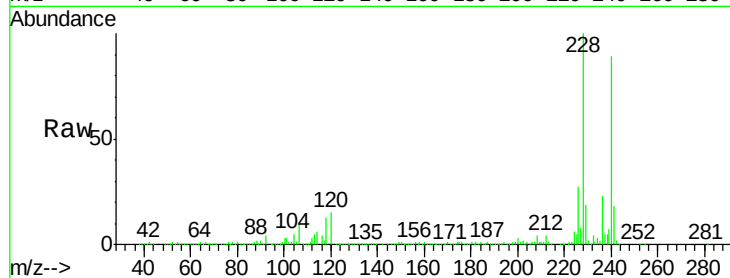
Tgt Ion:240 Resp: 417186

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

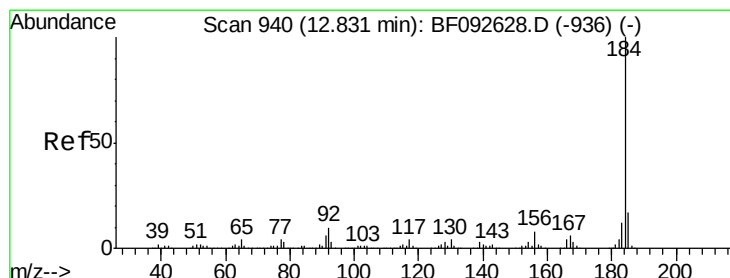
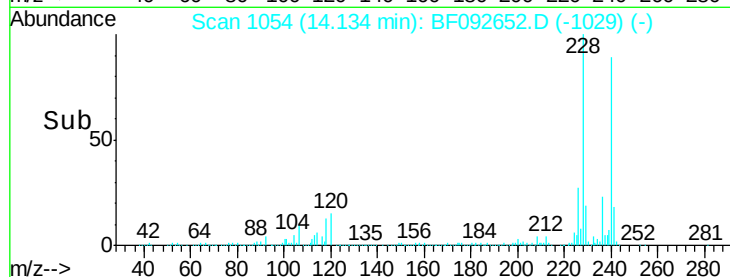
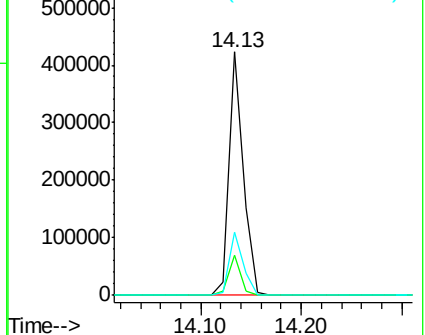
236 26.0 20.9 31.3



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: 8.97 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

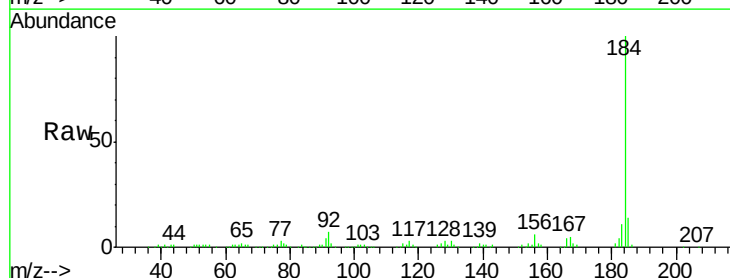
Tgt Ion:184 Resp: 159521

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

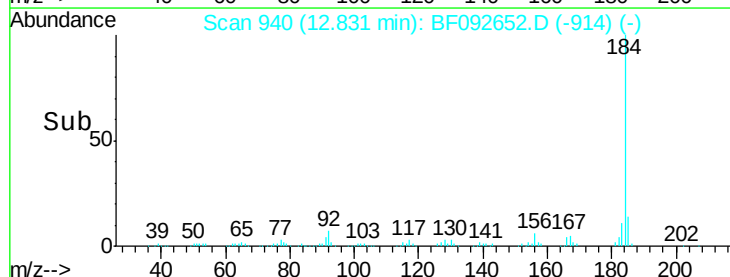
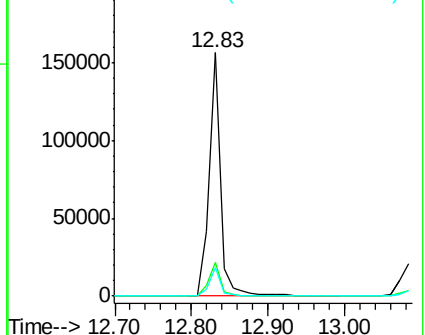
183 11.5 9.2 13.8

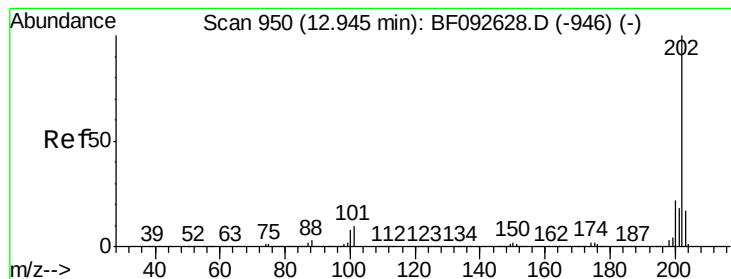


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.74 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

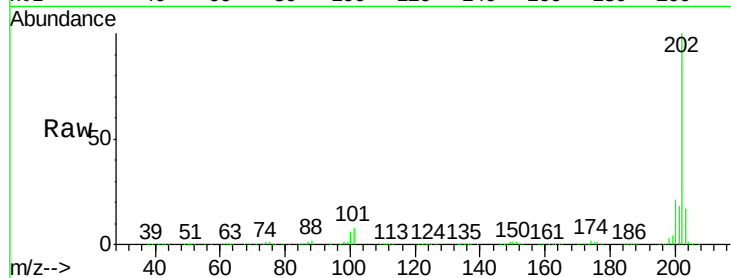
Tgt Ion:202 Resp: 1490623

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

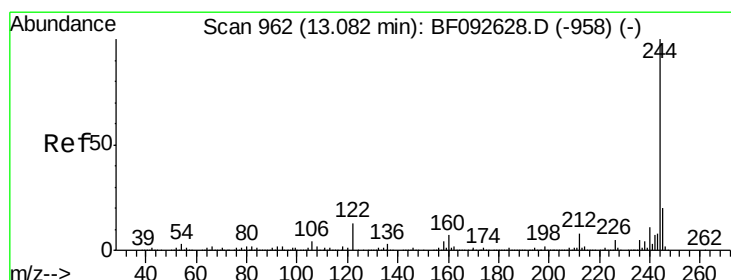
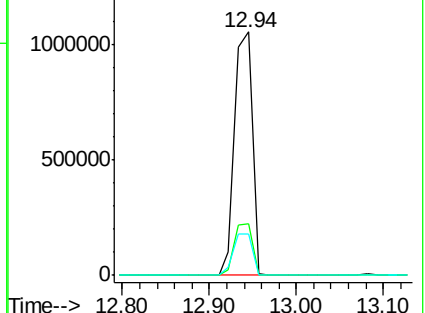
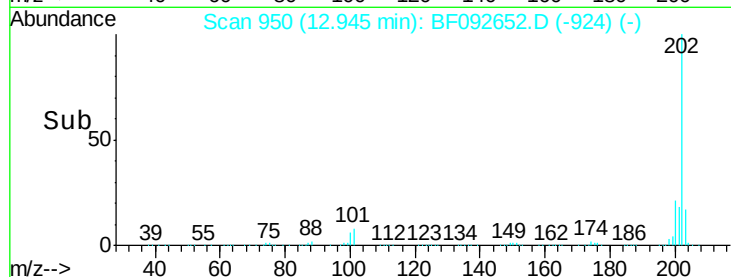
203 17.0 14.7 22.1



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: 86.58 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

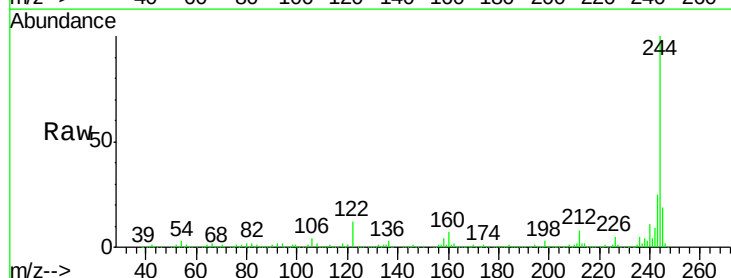
Tgt Ion:244 Resp: 1537324

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

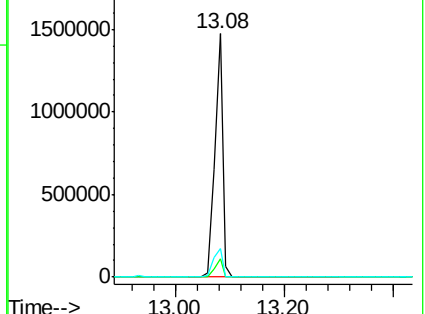
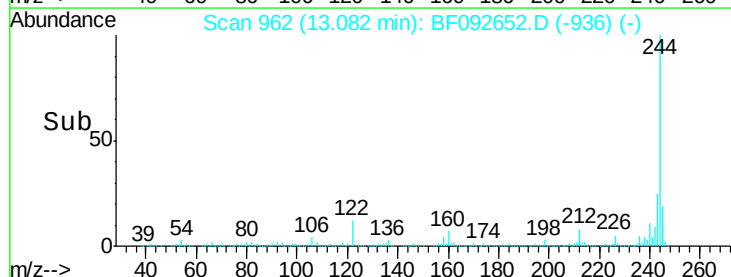
122 11.6 11.4 17.2

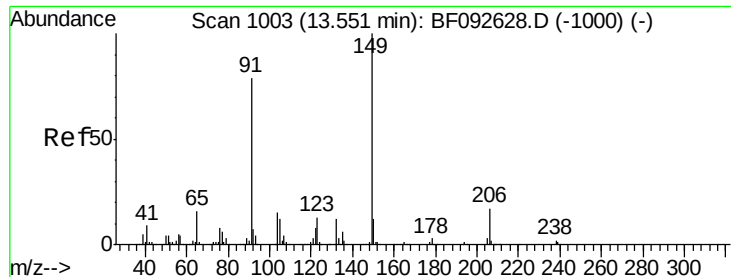


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

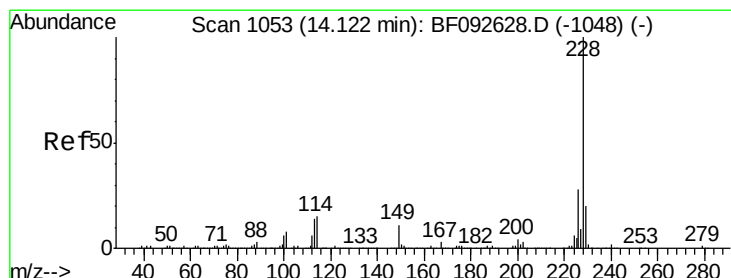
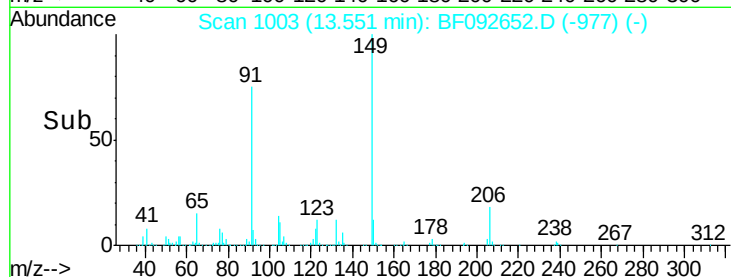
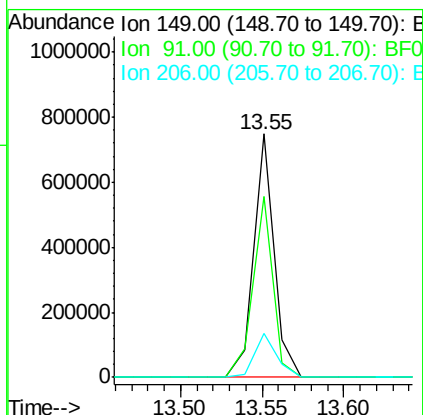
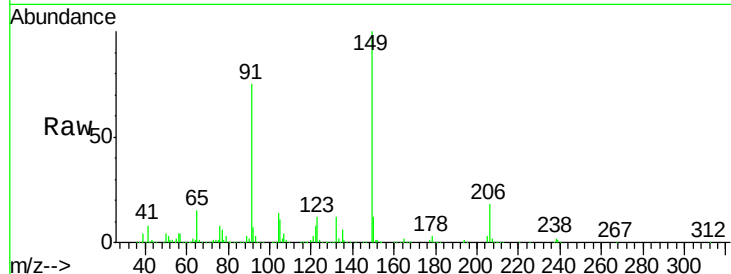




#79
Butylbenzylphthalate
Concen: 51.35 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

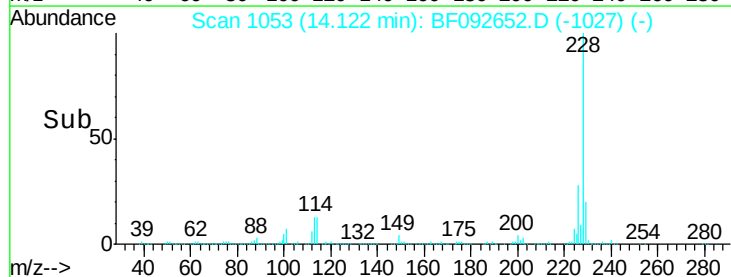
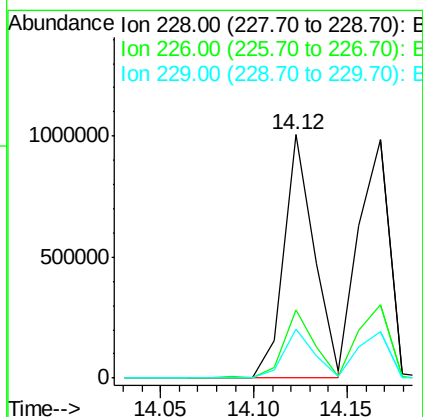
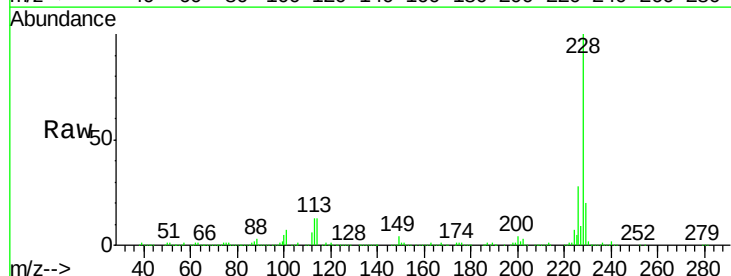
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

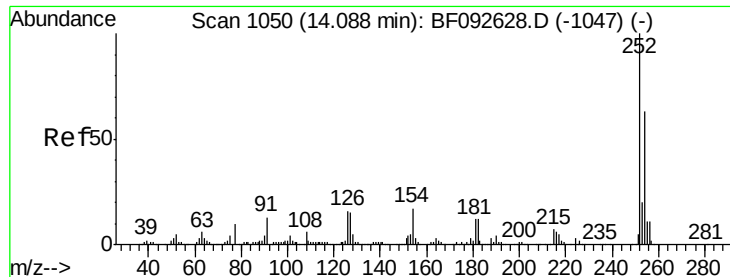
Tgt Ion:149 Resp: 651039
Ion Ratio Lower Upper
149 100
91 74.6 63.9 95.9
206 18.0 14.6 21.8



#80
Benzo(a)anthracene
Concen: 44.88 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion:228 Resp: 1145257
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.9 16.2 24.4

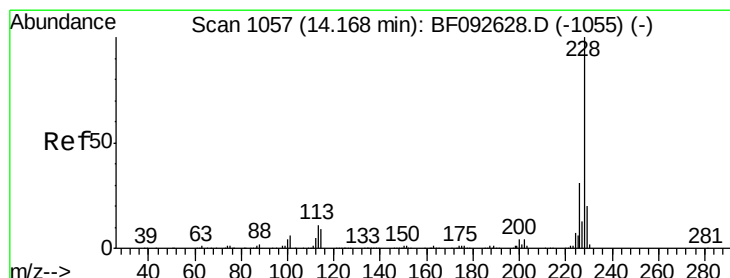
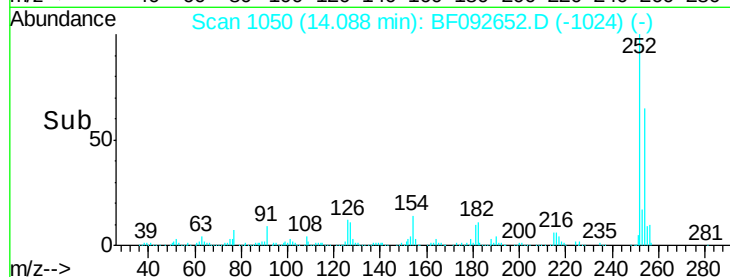
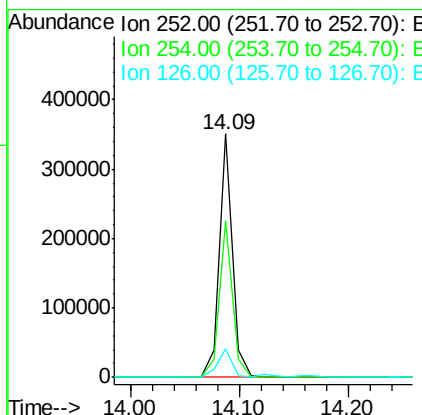
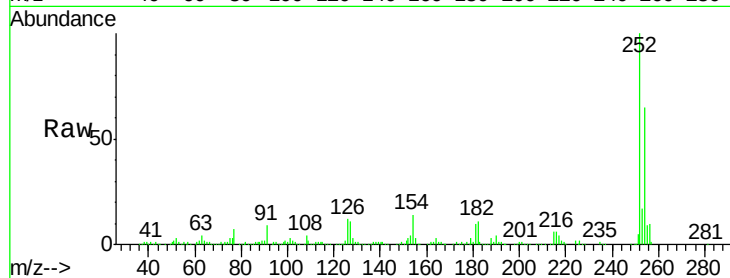




#81
 3,3'-Dichlorobenzidine
 Concen: 32.76 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

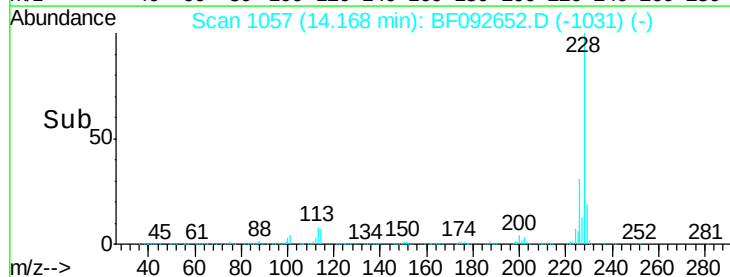
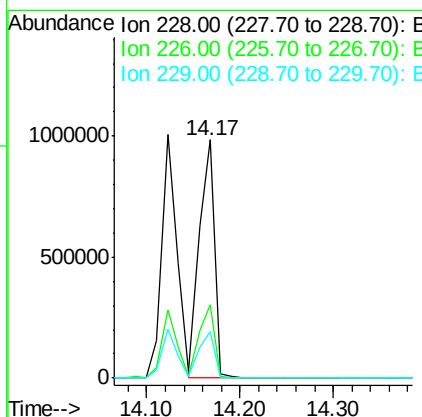
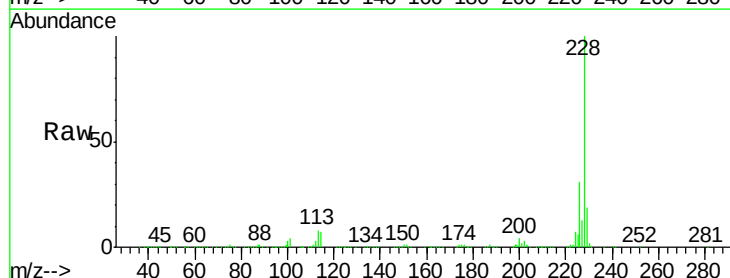
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

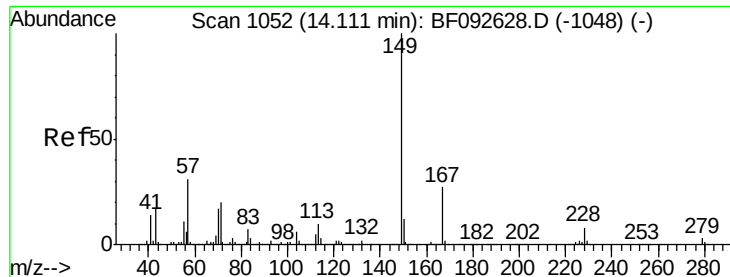
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	11.9	13.6	20.4



#82
 Chrysene
 Concen: 47.51 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	19.4	16.2	24.2

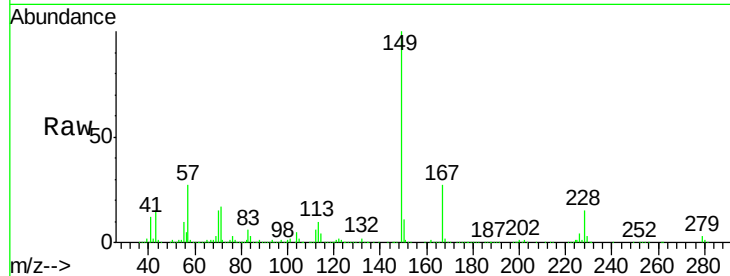




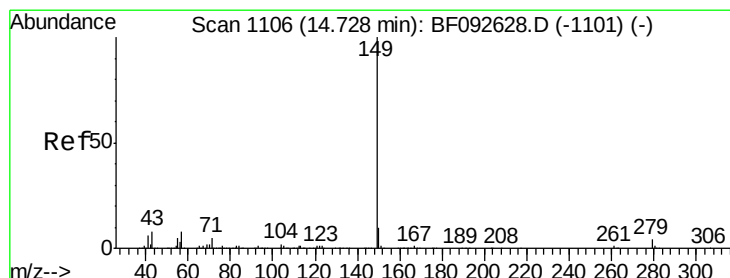
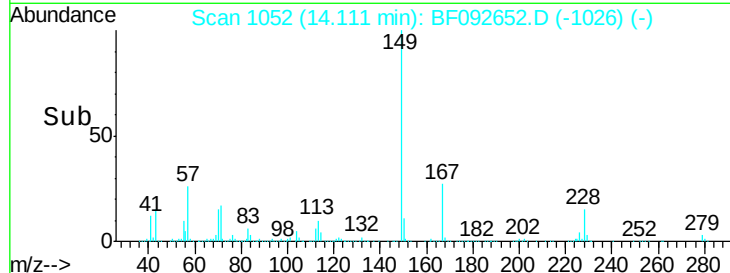
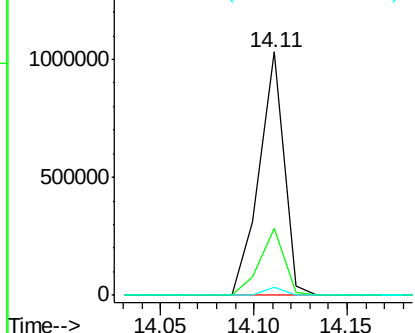
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.92 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion:149 Resp: 952181
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.2 30.4
 279 3.2 1.8 2.8#

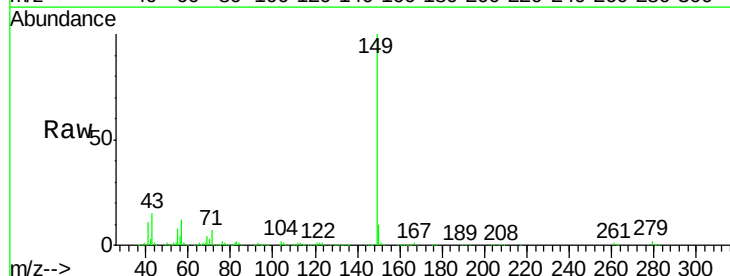


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

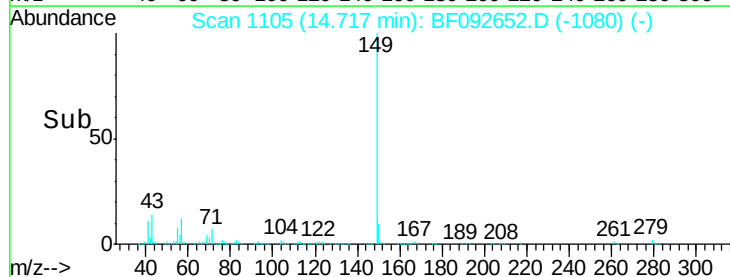
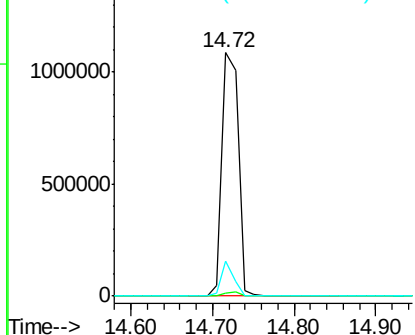


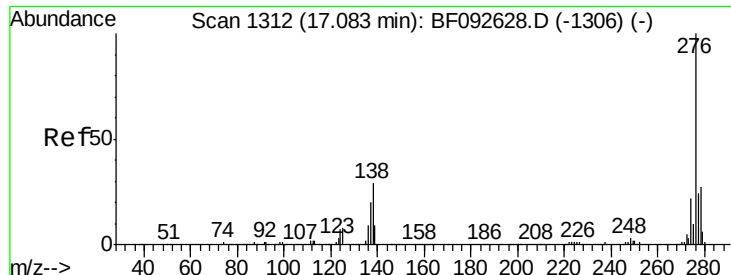
#84
 Di-n-octyl phthalate
 Concen: 52.78 ng
 RT: 14.72 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion:149 Resp: 1490277
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 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

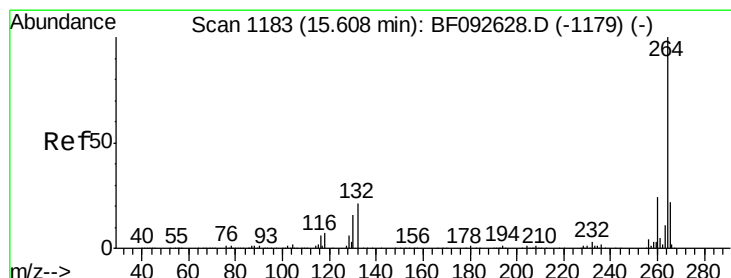
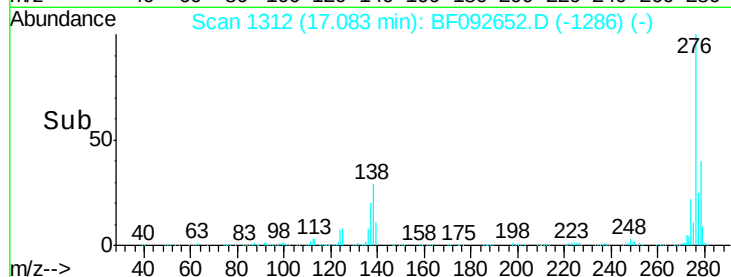
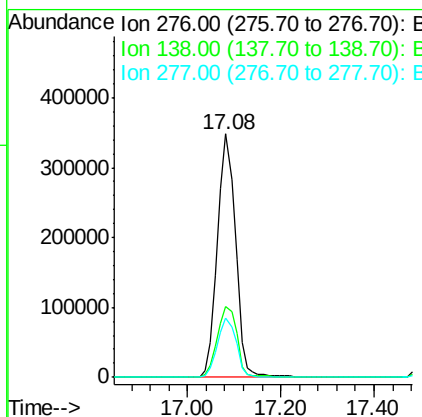
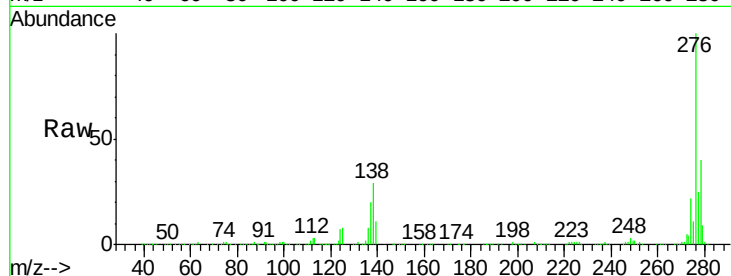




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.96 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

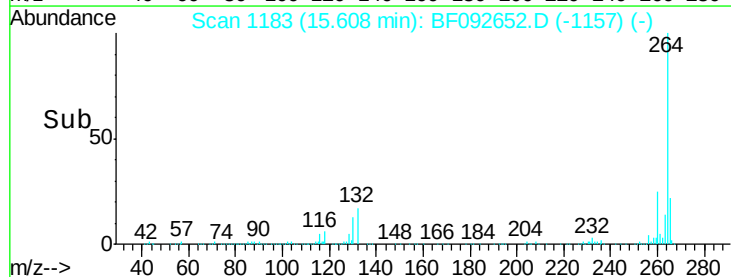
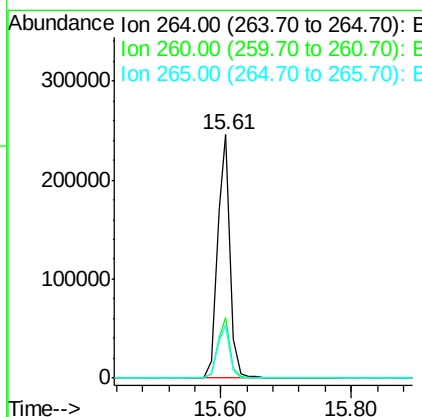
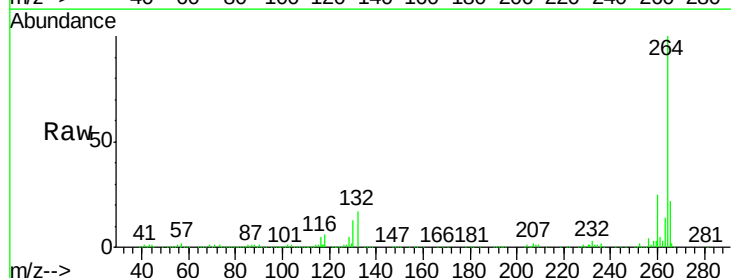
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4BMS

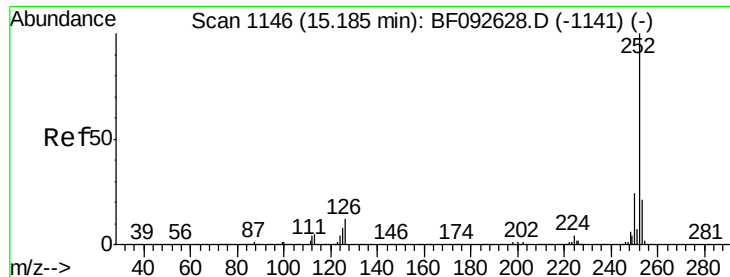
Tgt Ion: 276 Resp: 943010
 Ion Ratio Lower Upper
 276 100
 138 31.6 21.8 32.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF092652.D
 Acq: 30 Jan 2017 23:49

Tgt Ion: 264 Resp: 332092
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 86.93 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.02 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS

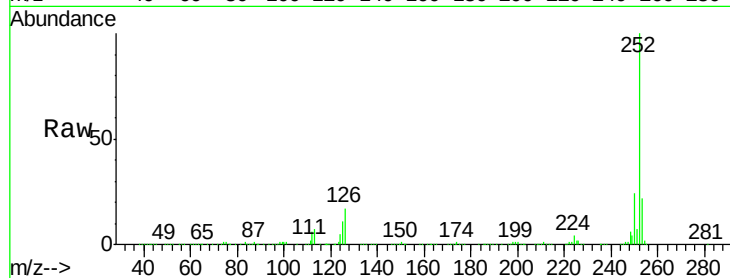
Tgt Ion:252 Resp: 1900078

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

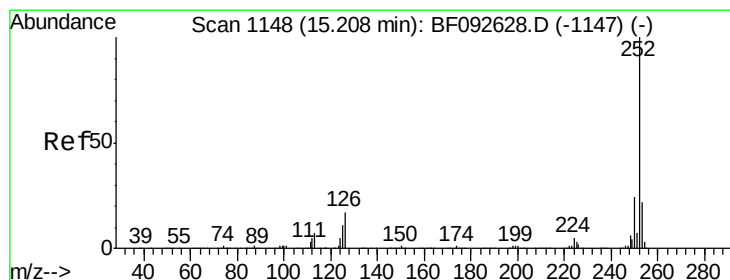
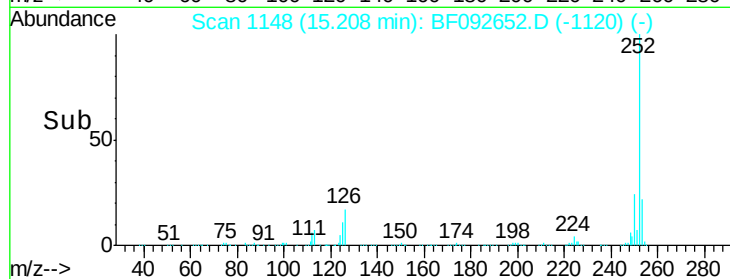
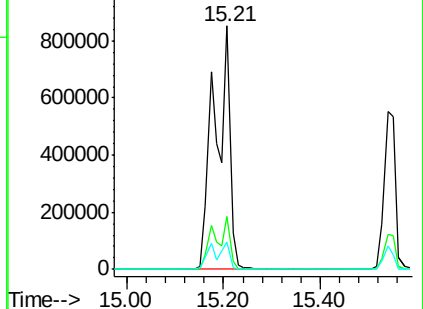
125 11.0 9.8 14.6



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: 100.70 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF092652.D

Acq: 30 Jan 2017 23:49

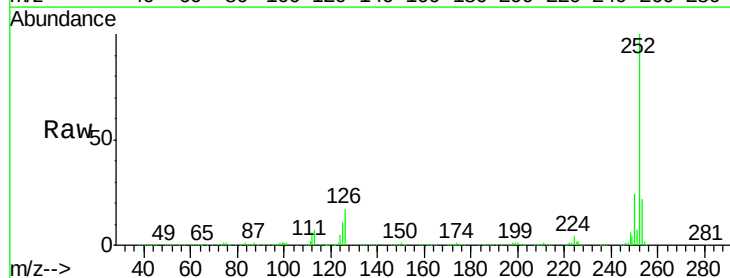
Tgt Ion:252 Resp: 1900413

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

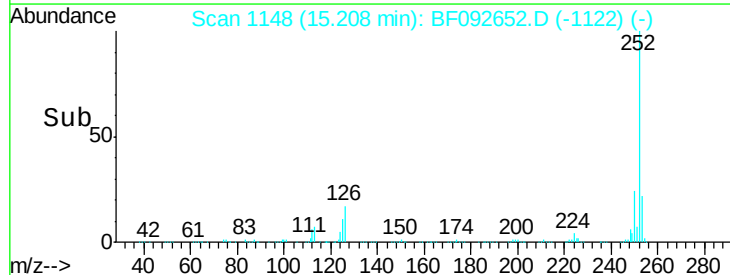
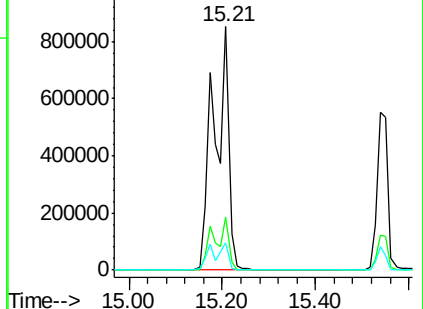
125 11.0 8.9 13.3

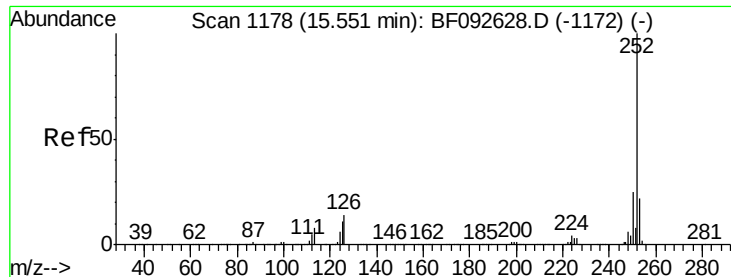


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

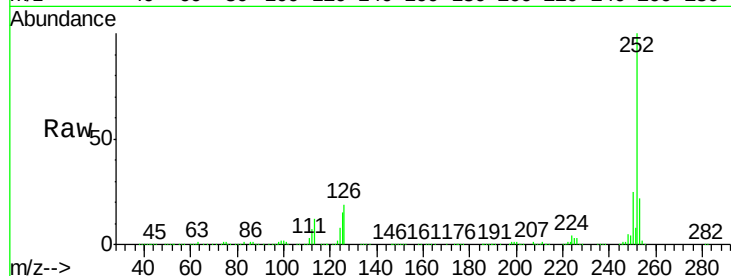




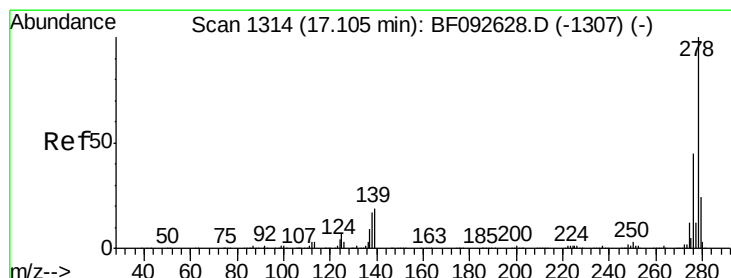
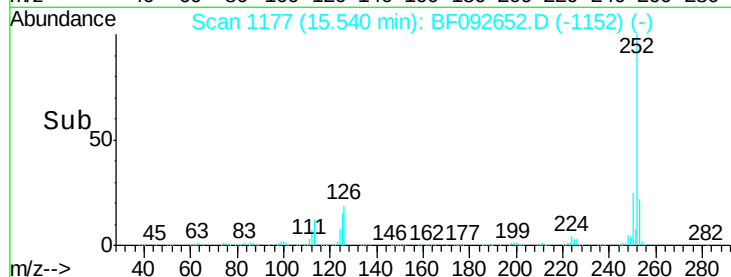
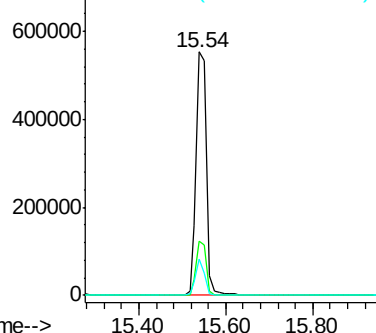
#89
Benzo(a)pyrene
Concen: 48.20 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4BMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	14.9	10.0	15.0



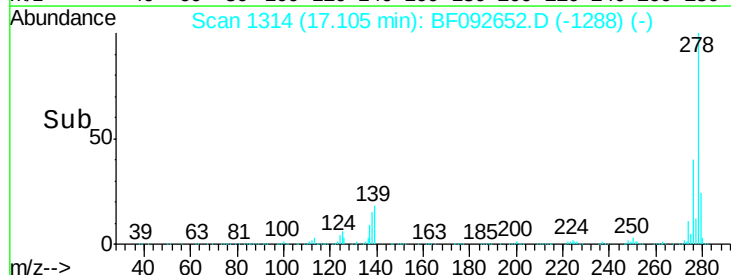
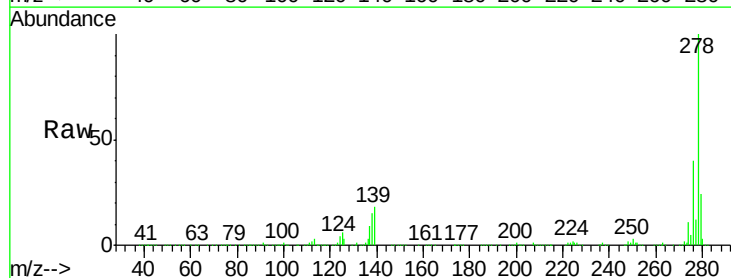
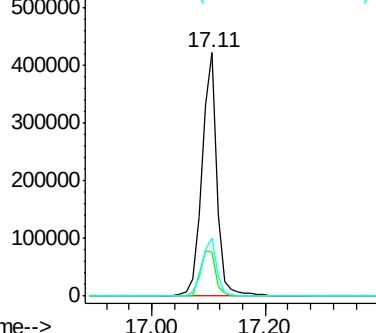
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

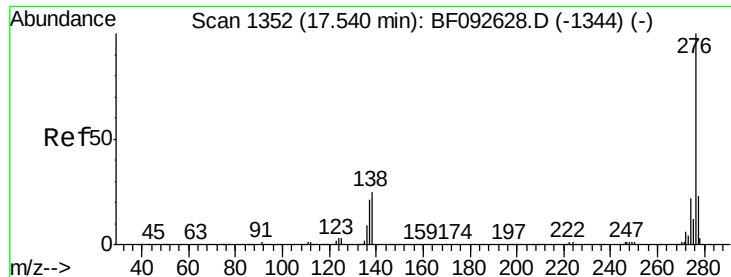


#90
Dibenzo(a,h)anthracene
Concen: 51.09 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092652.D
Acq: 30 Jan 2017 23:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.8	22.2
279	23.9	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.96 ng

RT: 17.54 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF092652.D

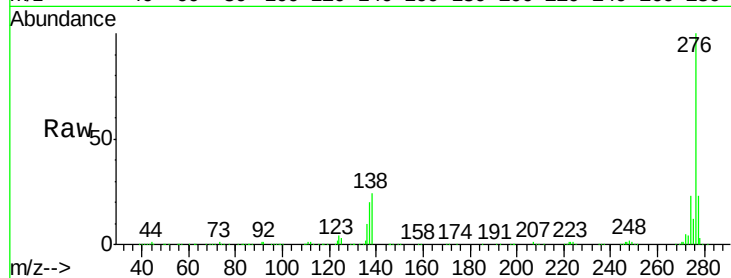
Acq: 30 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4BMS



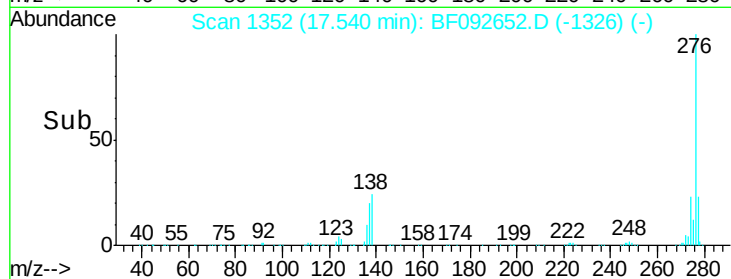
Tgt Ion: 276 Resp: 802160

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 23.8 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

400000

300000

200000

100000

0

17.40 17.54 17.60 17.80

Time-->