

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093390.D
 Acq On : 4 Mar 2017 7:32
 Operator : SJ/MA
 Sample : I2087-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Quant Time: Mar 05 23:40:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178110	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	713985	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	316296	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	509490	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	303749	20.00	ng	-0.08
86) Perylene-d12	15.36	264	310321	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1510647	145.51	ng	-0.06
7) Phenol-d6	6.44	99	1720355	128.79	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1249997	97.49	ng	-0.07
41) 2,4,6-Tribromophenol	10.62	330	317863	138.95	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	1693968	97.03	ng	-0.07
78) Terphenyl-d14	12.89	244	1176661	91.02	ng	-0.08

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	221611	39.51	ng	# 84
3) Pyridine	3.06	79	564768	39.59	ng	# 80
4) n-Nitrosodimethylamine	3.02	42	355425	53.07	ng	# 86
6) Aniline	6.45	93	431953	23.71	ng	# 60
8) 2-Chlorophenol	6.58	128	547930	47.84	ng	# 91
9) Benzaldehyde	6.33	77	156271	16.33	ng	# 84
10) Phenol	6.45	94	771709	49.38	ng	# 92
11) bis(2-Chloroethyl)ether	6.52	93	572485	45.89	ng	# 88
12) 1,3-Dichlorobenzene	6.73	146	610035	45.47	ng	# 98
13) 1,4-Dichlorobenzene	6.80	146	607939	44.78	ng	# 99
14) 1,2-Dichlorobenzene	6.96	146	566594	43.64	ng	# 98
15) Benzyl Alcohol	6.94	79	459332	46.45	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	960201	44.31	ng	# 80
17) 2-Methylphenol	7.06	107	449100	45.71	ng	# 94
18) Hexachloroethane	7.29	117	210410	45.40	ng	# 85
19) n-Nitroso-di-n-propylamine	7.21	70	402665	47.35	ng	# 95
20) 3+4-Methylphenols	7.22	107	613780	52.25	ng	# 78
22) Acetophenone	7.21	105	791565	48.56	ng	# 97
24) Nitrobenzene	7.38	77	634109	48.17	ng	# 99
25) Isophorone	7.62	82	1192394	49.91	ng	# 95
26) 2-Nitrophenol	7.70	139	334164	53.40	ng	# 91
27) 2,4-Dimethylphenol	7.74	122	537492	48.90	ng	# 96
28) bis(2-Chloroethoxy)methane	7.82	93	728768	46.06	ng	# 98
29) 2,4-Dichlorophenol	7.95	162	475178	46.36	ng	# 97
30) 1,2,4-Trichlorobenzene	8.02	180	498517	45.13	ng	# 96
31) Naphthalene	8.10	128	1613110	44.57	ng	# 99
32) Benzoic acid	7.89	122	204291	35.07	ng	# 99
33) 4-Chloroaniline	8.16	127	216636	15.26	ng	# 99
34) Hexachlorobutadiene	8.21	225	255737	42.08	ng	# 98
35) Caprolactam	8.53	113	157339	48.80	ng	# 30
36) 4-Chloro-3-methylphenol	8.66	107	538554	50.39	ng	# 93
37) 2-Methylnaphthalene	8.78	142	989019	42.56	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	462779	52.12	ng	# 100
40) Hexachlorocyclopentadiene	8.93	237	150045	37.46	ng	# 96

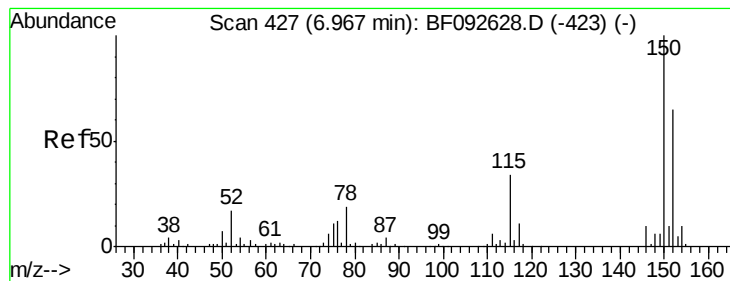
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	302330	51.82	ng	91
43) 2,4,5-Trichlorophenol	9.13	196	314615	49.22	ng	# 86
45) 1,1'-Biphenyl	9.25	154	1275621	55.70	ng	98
46) 2-Chloronaphthalene	9.28	162	960588	53.61	ng	97
47) 2-Nitroaniline	9.38	65	315171	52.32	ng	90
48) Acenaphthylene	9.69	152	1373509	44.38	ng	99
49) Dimethylphthalate	9.55	163	1281502	60.15	ng	98
50) 2,6-Dinitrotoluene	9.63	165	251197	54.60	ng	# 77
51) Acenaphthene	9.86	154	849780	45.92	ng	95
52) 3-Nitroaniline	9.79	138	151589	28.79	ng	95
53) 2,4-Dinitrophenol	9.92	184	143392	62.37	ng	# 77
54) Dibenzofuran	10.03	168	1149681	46.45	ng	96
55) 4-Nitrophenol	9.98	139	292606	77.16	ng	# 81
56) 2,4-Dinitrotoluene	10.03	165	265992	43.42	ng	# 72
57) Fluorene	10.37	166	945409	49.65	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	222602	52.20	ng	99
59) Diethylphthalate	10.25	149	1018291	50.72	ng	100
60) 4-Chlorophenyl-phenylether	10.36	204	419276	45.83	ng	91
61) 4-Nitroaniline	10.41	138	221470	41.07	ng	94
62) Azobenzene	10.52	77	1246679	60.10	ng	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	127030	41.35	ng	92
65) n-Nitrosodiphenylamine	10.49	169	845274	51.93	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	268624	50.47	ng	# 88
67) Hexachlorobenzene	10.92	284	245934	46.75	ng	# 93
68) Atrazine	11.01	200	242649	46.46	ng	99
69) Pentachlorophenol	11.13	266	205266	75.99	ng	96
70) Phenanthrene	11.33	178	1317260	45.13	ng	99
71) Anthracene	11.38	178	1310854	44.72	ng	100
72) Carbazole	11.54	167	1151323	41.09	ng	100
73) Di-n-butylphthalate	11.87	149	1615365	53.31	ng	# 96
74) Fluoranthene	12.52	202	1182077	39.26	ng	93
76) Benzidine	12.65	184	371677	28.72	ng	95
77) Pyrene	12.75	202	1162350	51.13	ng	98
79) Butylbenzylphthalate	13.36	149	511515	55.41	ng	99
80) Benzo(a)anthracene	13.94	228	868234	46.74	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	275113	41.54	ng	98
82) Chrysene	13.97	228	839982	48.29	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	690234	54.68	ng	98
84) Di-n-octyl phthalate	14.52	149	1130204	54.98	ng	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	880472	65.35	ng	# 92
87) Benzo(b)fluoranthene	14.99	252	1696760	83.07	ng	# 96
88) Benzo(k)fluoranthene	14.99	252	1697061	96.23	ng	97
89) Benzo(a)pyrene	15.30	252	838729	47.47	ng	# 96
90) Dibenzo(a,h)anthracene	16.75	278	750080	52.53	ng	99
91) Benzo(g,h,i)perylene	17.15	276	765030	53.03	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF093390.D

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FK-BPM-02-002-ABCDMSD

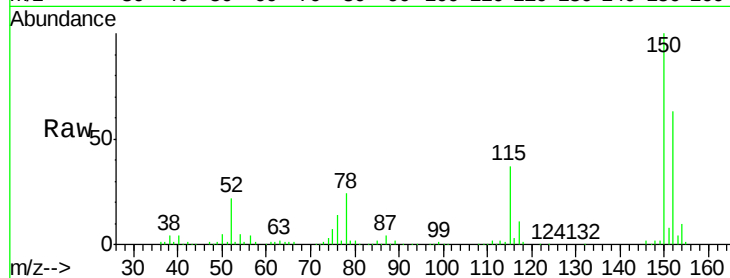
Tgt Ion:152 Resp: 178110

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

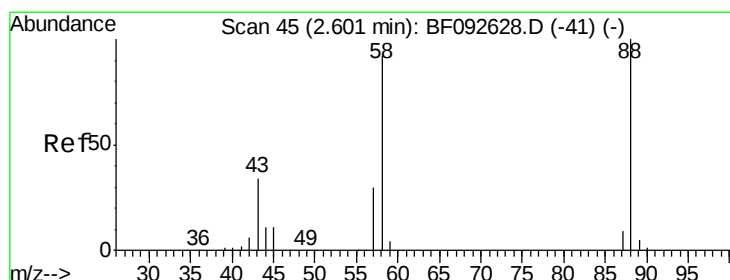
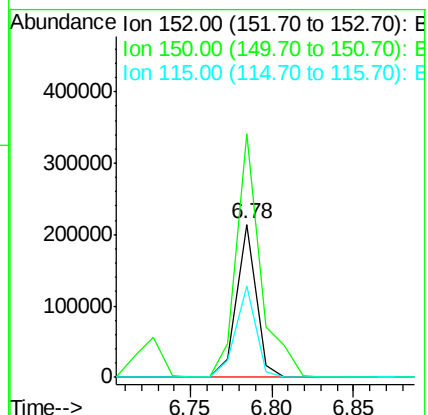
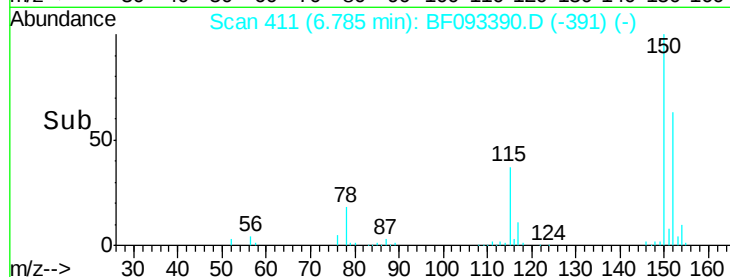
115 59.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.51 ng

RT: 2.36 min Scan# 24

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

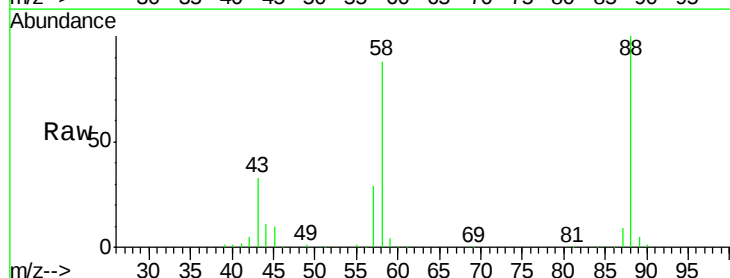
Tgt Ion: 88 Resp: 221611

Ion Ratio Lower Upper

88 100

58 88.1 57.8 86.8#

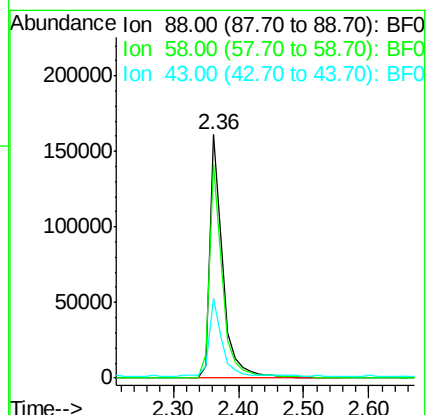
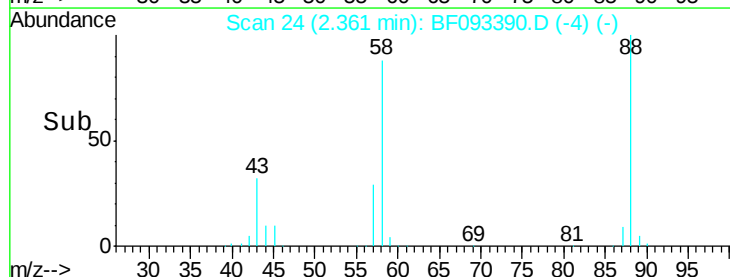
43 32.7 22.3 33.5

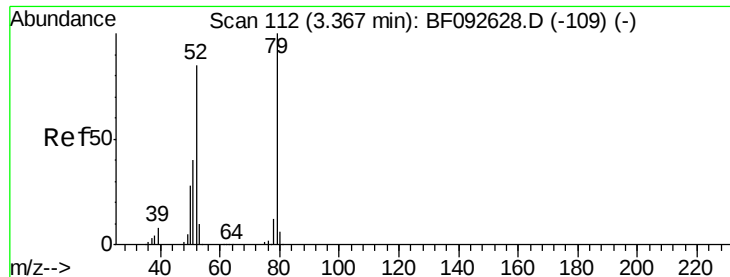


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.59 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.09 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

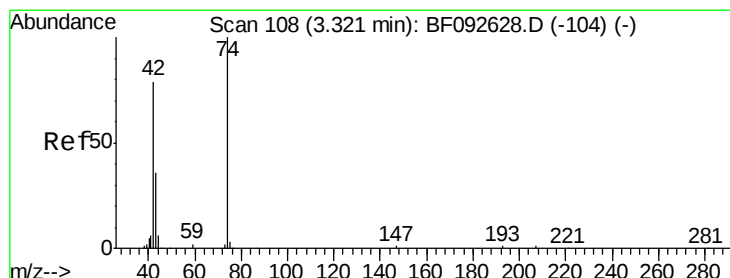
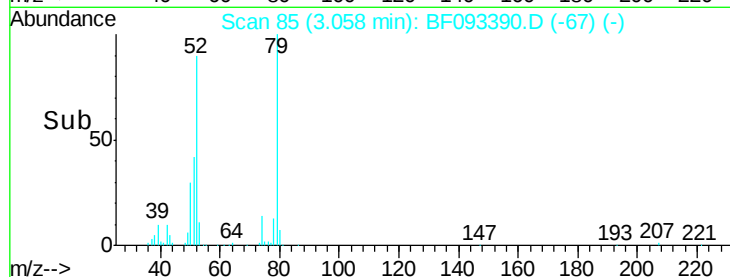
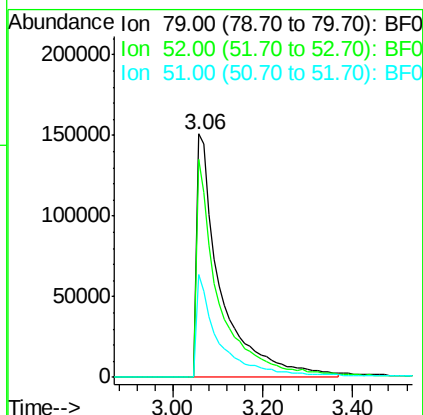
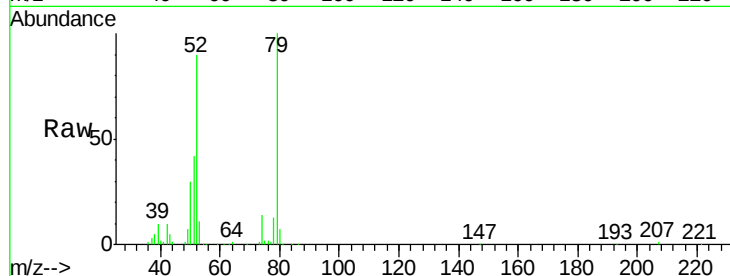
Tgt Ion: 79 Resp: 564768

Ion Ratio Lower Upper

79 100

52 89.7 57.1 85.7#

51 42.4 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 53.07 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.08 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

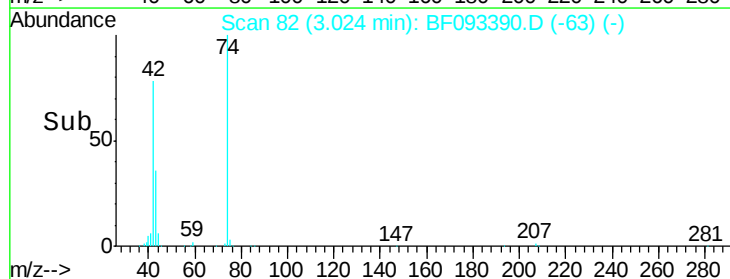
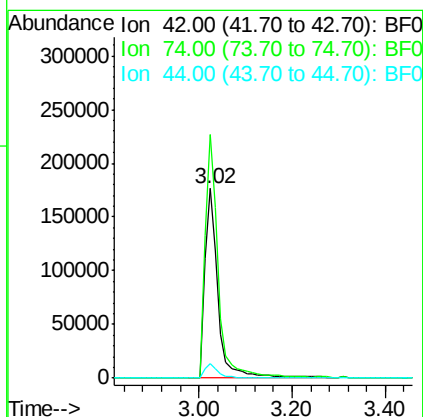
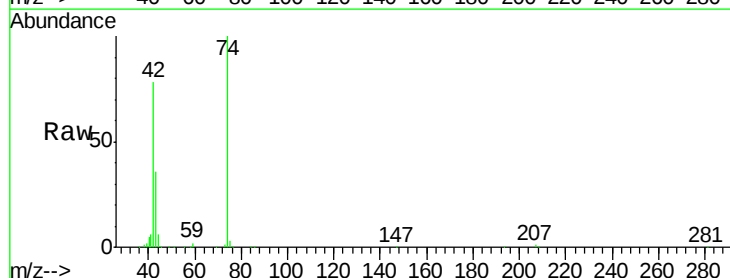
Tgt Ion: 42 Resp: 355425

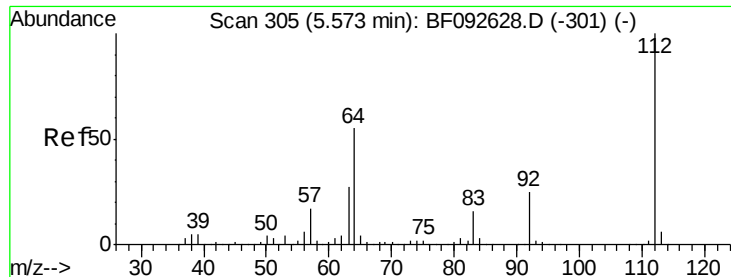
Ion Ratio Lower Upper

42 100

74 128.7 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 145.51 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

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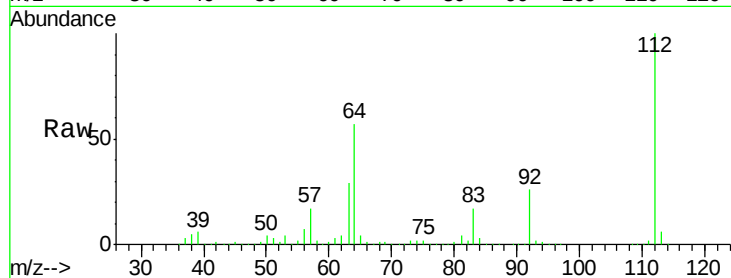
Tgt Ion: 112 Resp: 1510647

Ion Ratio Lower Upper

112 100

64 57.0 46.1 69.1

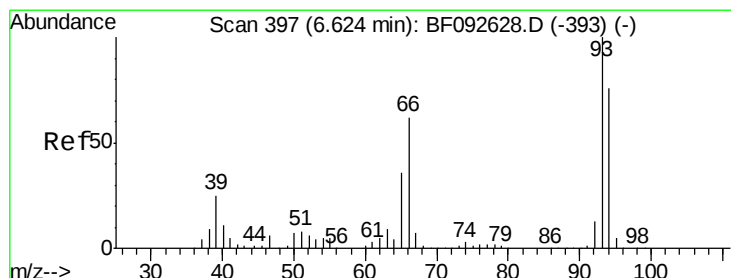
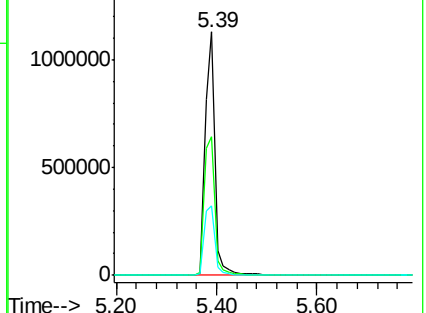
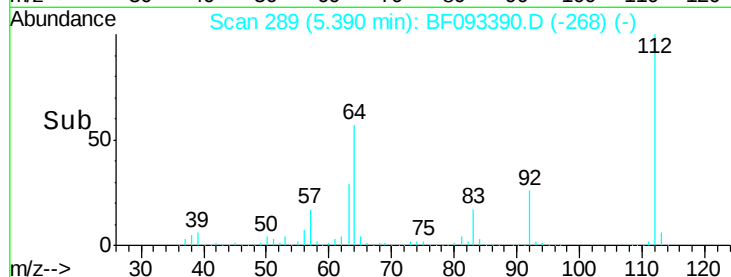
63 28.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.71 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

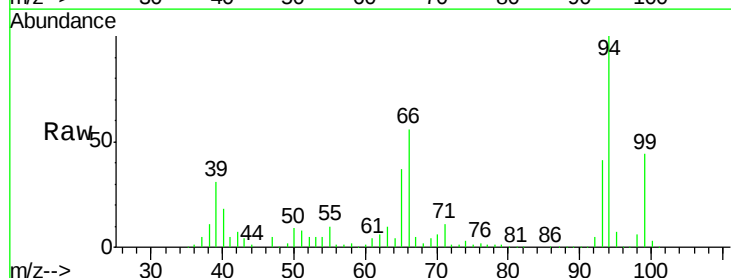
Tgt Ion: 93 Resp: 431953

Ion Ratio Lower Upper

93 100

66 136.0 76.2 114.2#

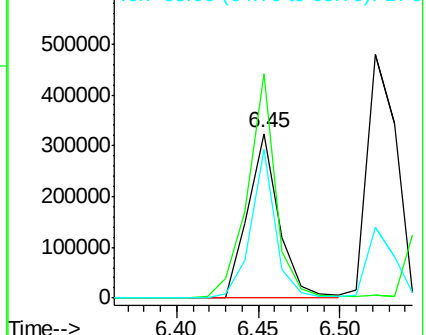
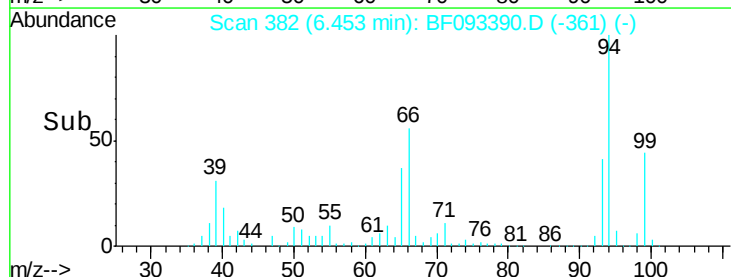
65 90.4 49.3 73.9#

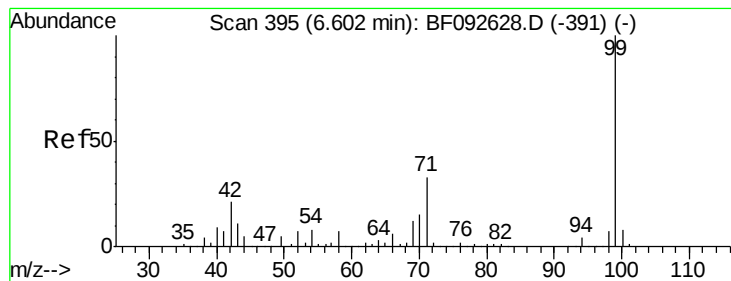


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.79 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093390.D

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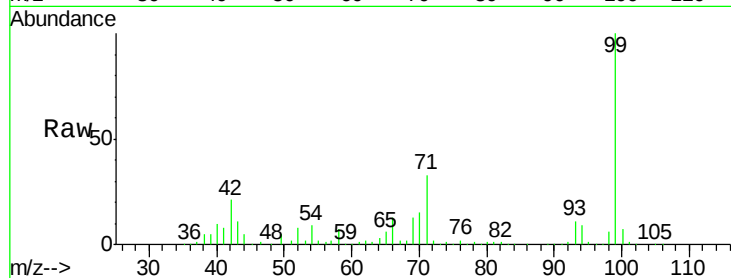
Tgt Ion: 99 Resp: 1720355

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

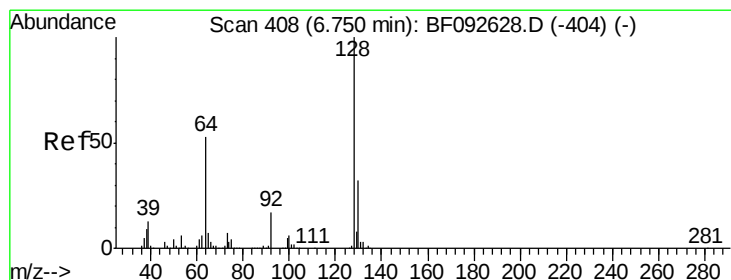
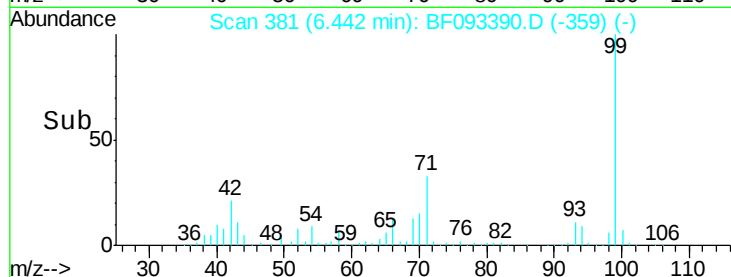
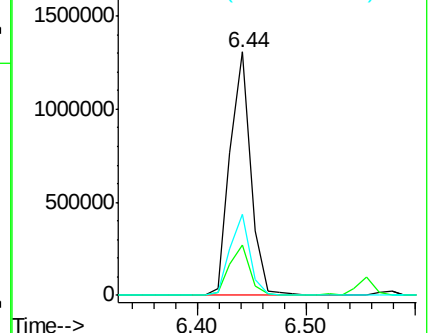
71 33.2 27.5 41.3



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: 47.84 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

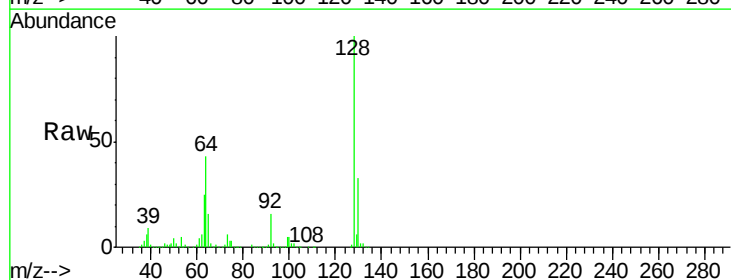
Tgt Ion: 128 Resp: 547930

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

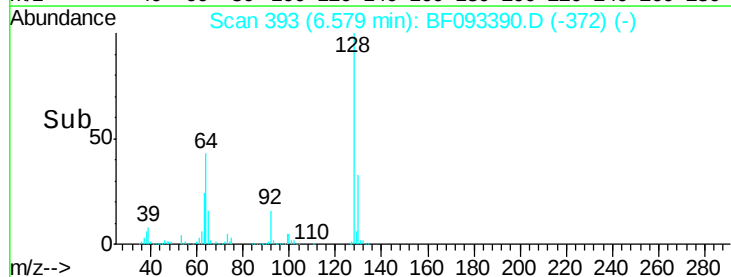
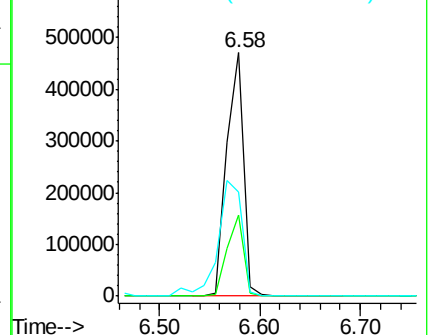
64 43.0 32.2 72.2

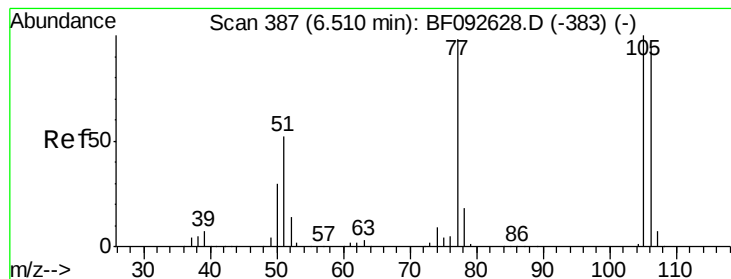


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.33 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

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FK-BPM-02-002-ABCDMSD

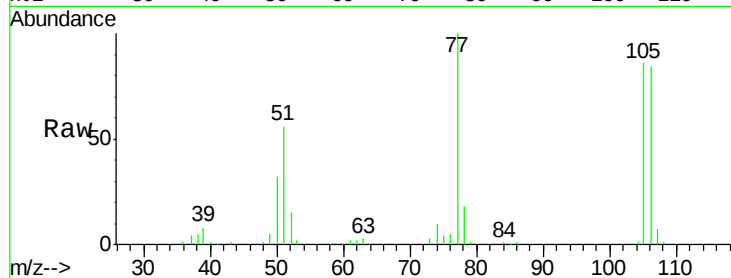
Tgt Ion: 77 Resp: 156271

Ion Ratio Lower Upper

77 100

105 86.2 83.9 123.9

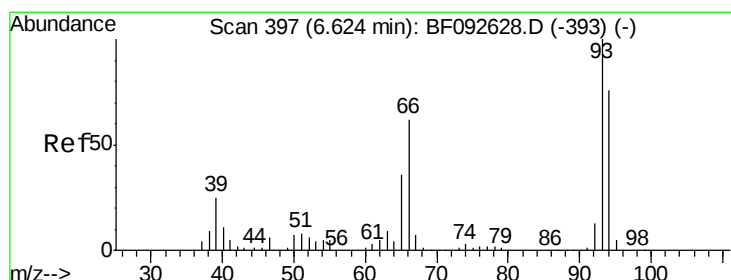
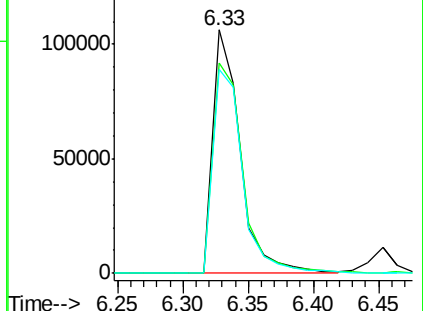
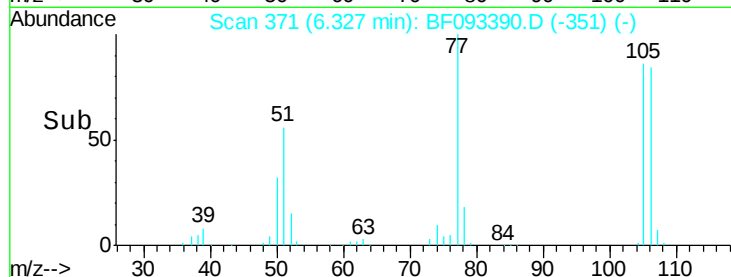
106 83.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.38 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

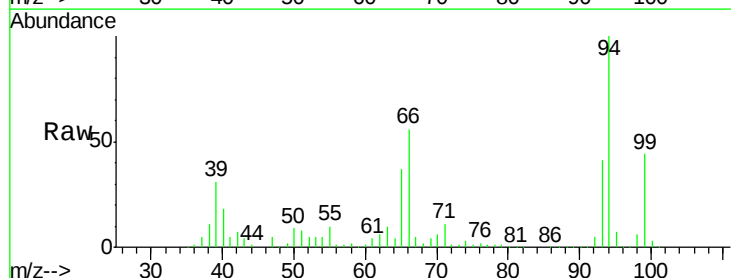
Tgt Ion: 94 Resp: 771709

Ion Ratio Lower Upper

94 100

65 37.5 21.4 61.4

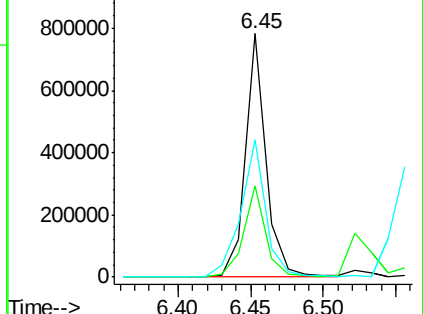
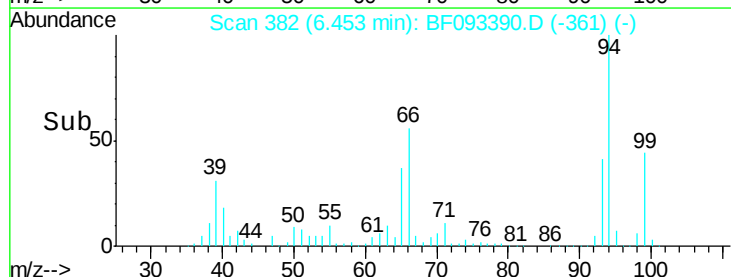
66 56.3 44.0 84.0

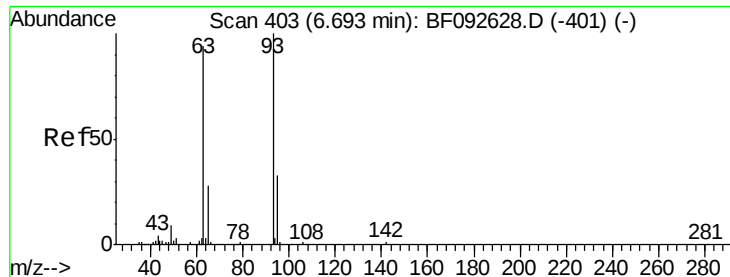


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

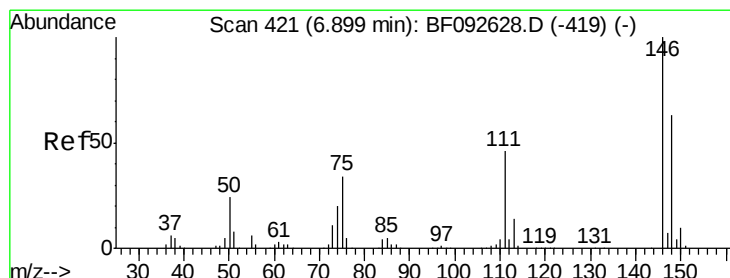
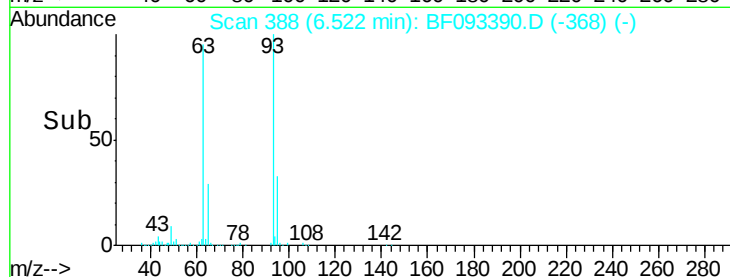
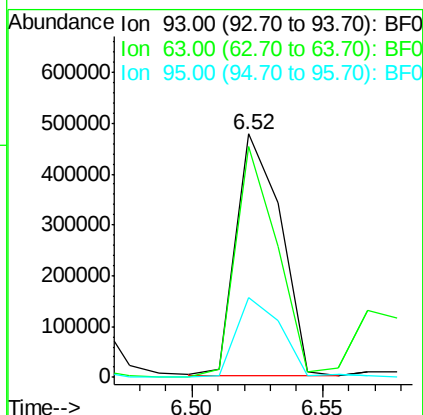
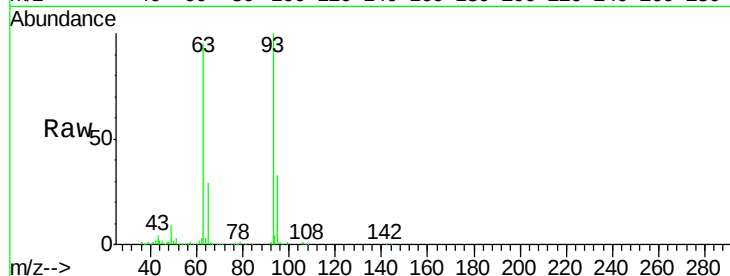




#11
bis(2-Chloroethyl)ether
Concen: 45.89 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

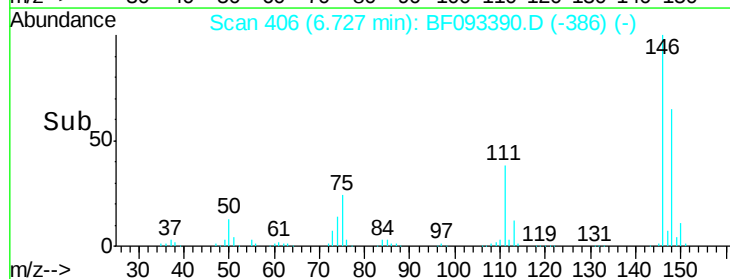
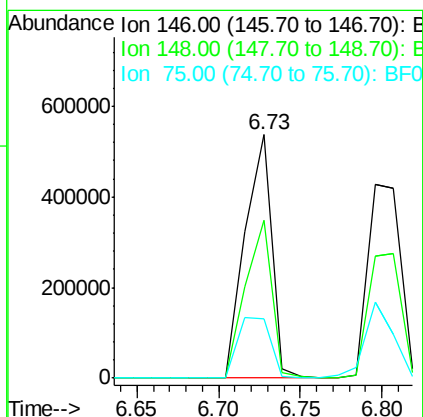
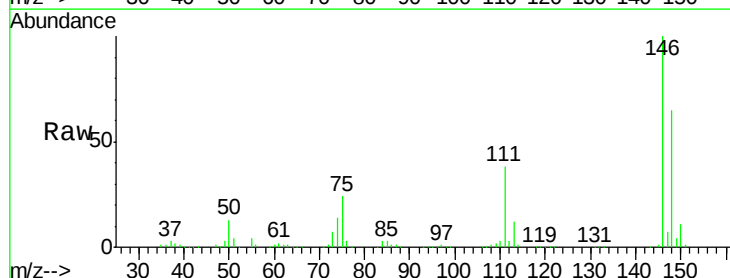
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

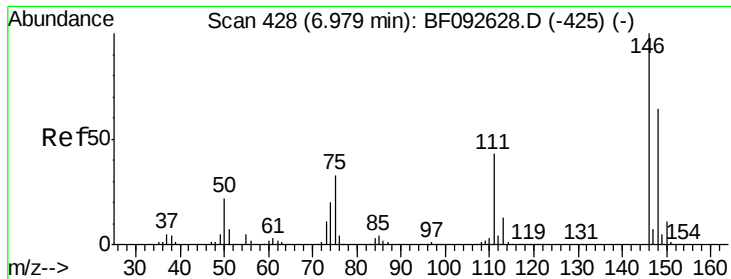
Tgt Ion: 93 Resp: 572485
Ion Ratio Lower Upper
93 100
63 94.7 60.4 100.4
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.47 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion: 146 Resp: 610035
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
75 24.2 18.5 27.7

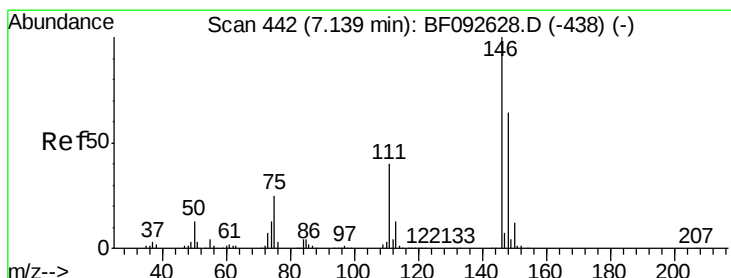
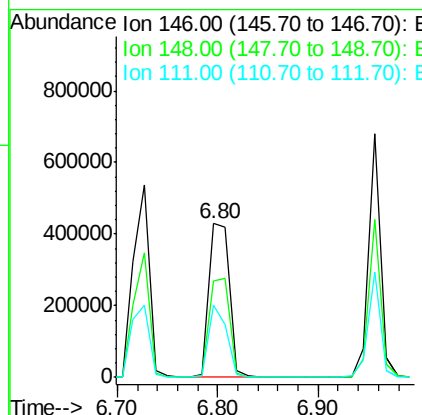
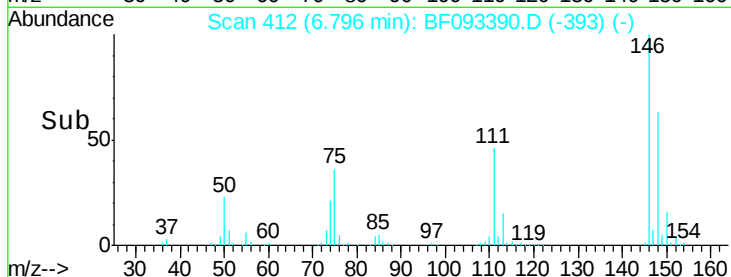
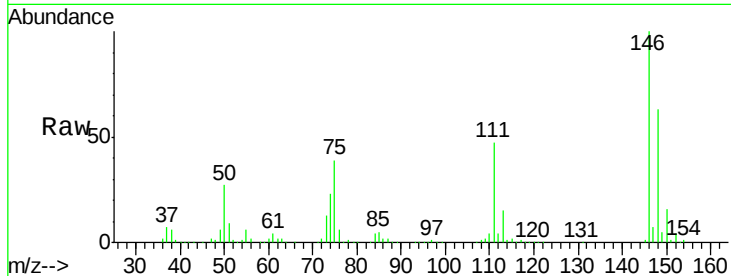




#13
 1,4-Dichlorobenzene
 Concen: 44.78 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.08 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

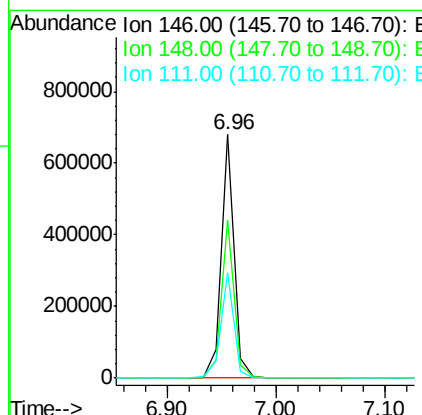
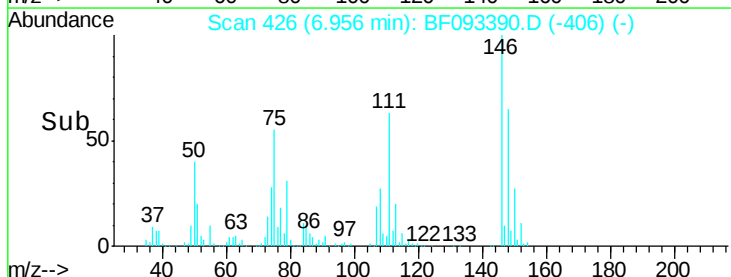
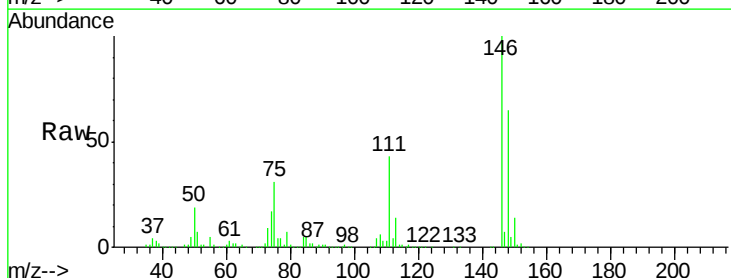
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

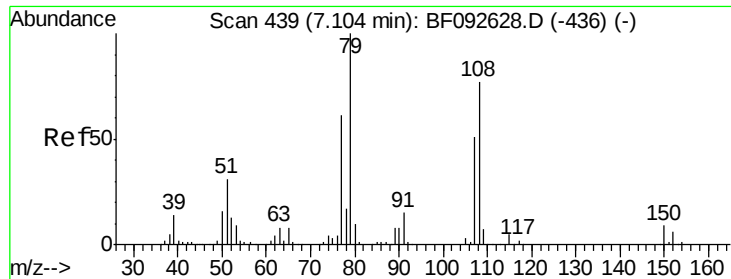
Tgt Ion:146 Resp: 607939
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 46.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.64 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion:146 Resp: 566594
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 43.0 36.2 54.2

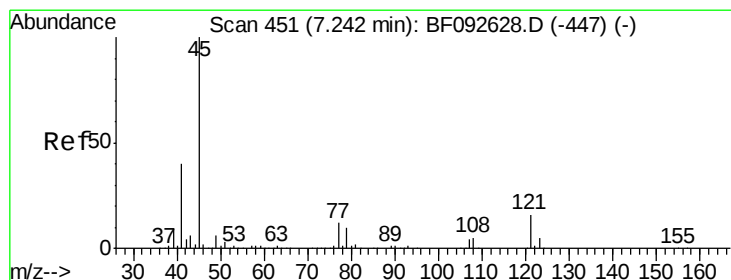
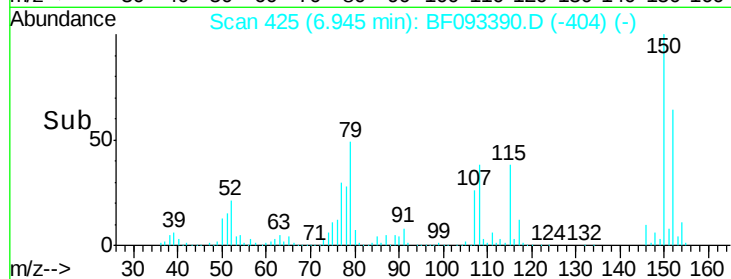
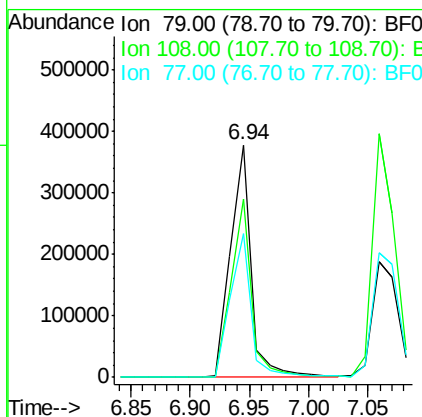
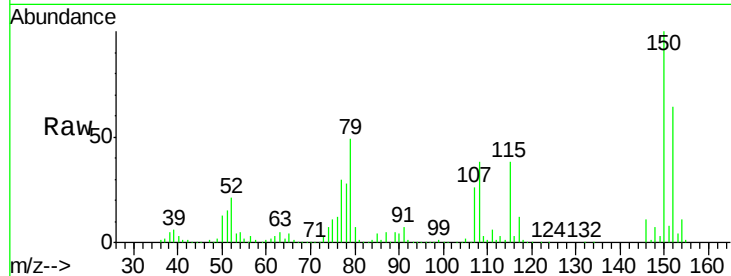




#15
Benzyl Alcohol
Concen: 46.45 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

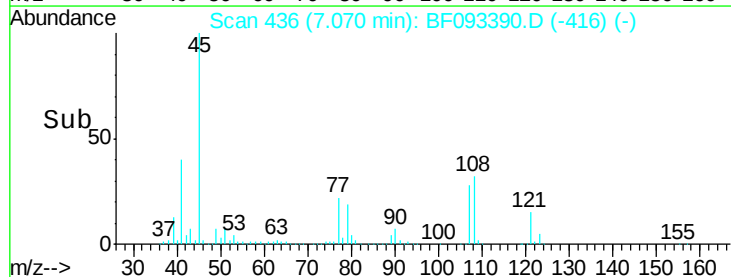
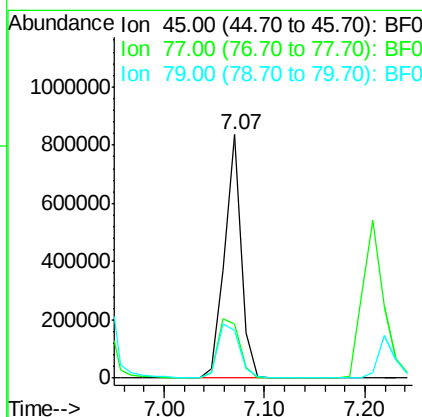
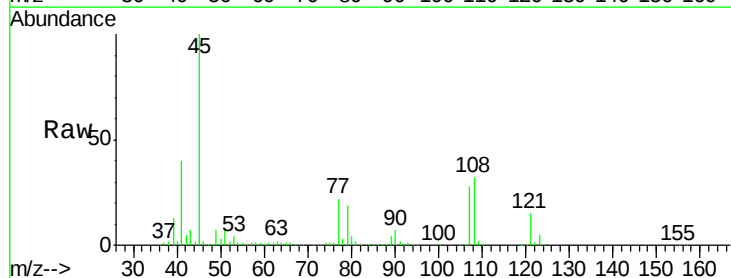
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

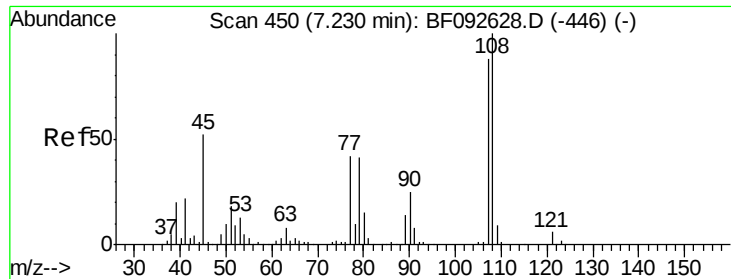
Tgt Ion: 79 Resp: 459332
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.31 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion: 45 Resp: 960201
Ion Ratio Lower Upper
45 100
77 22.0 0.0 34.6
79 19.5 0.0 31.2

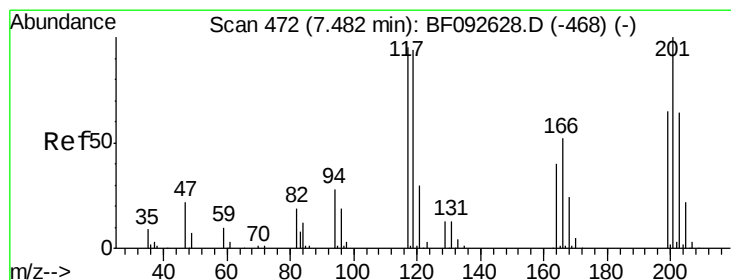
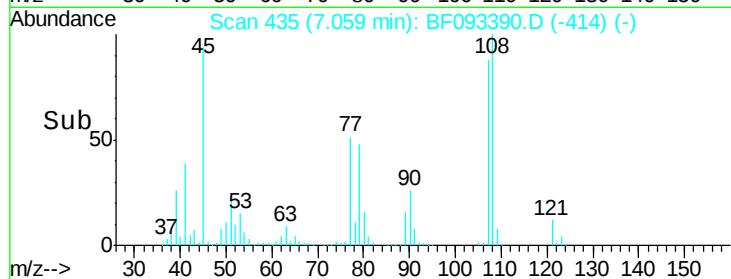
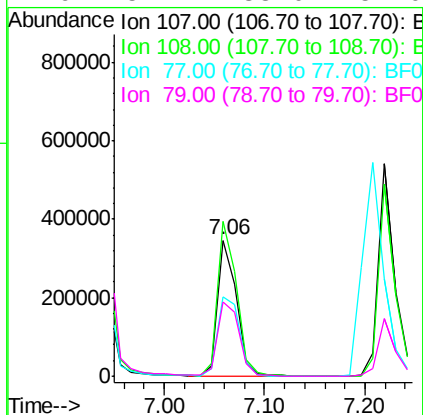
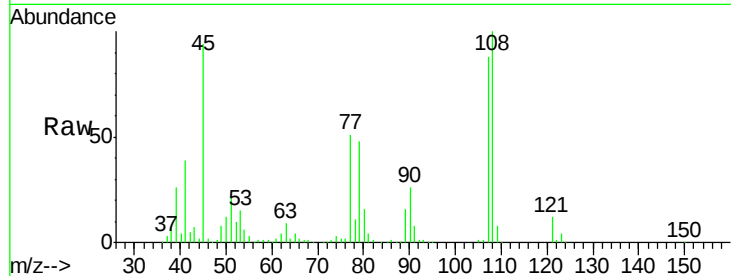




#17
2-Methylphenol
Concen: 45.71 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

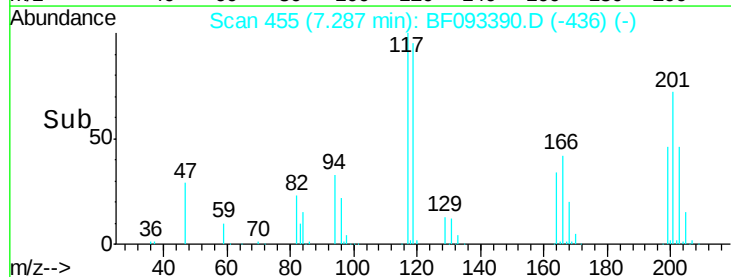
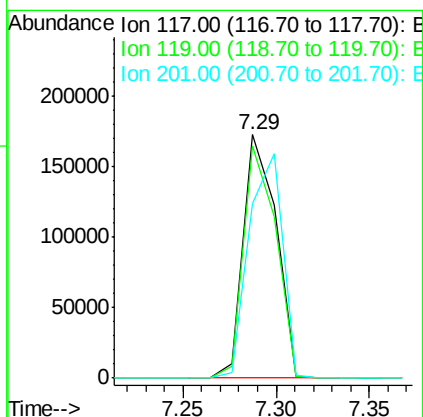
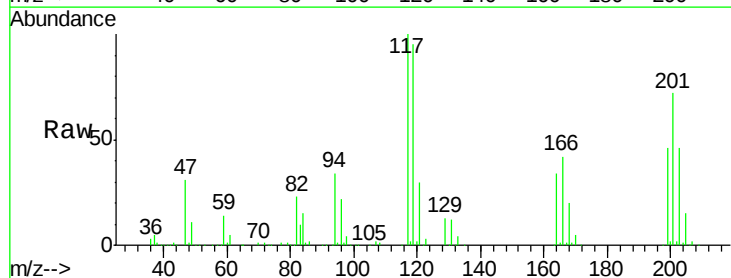
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

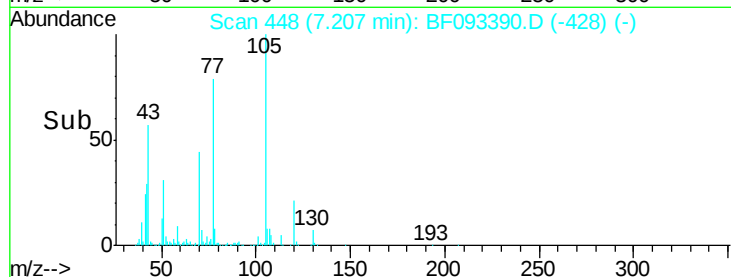
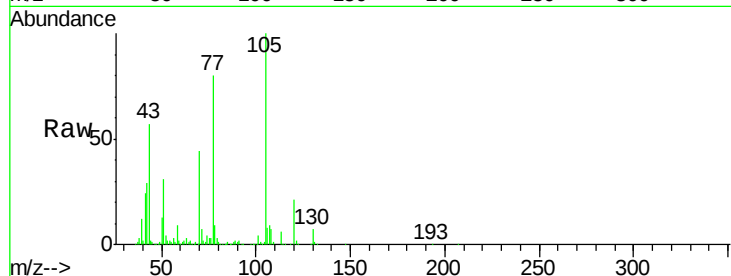
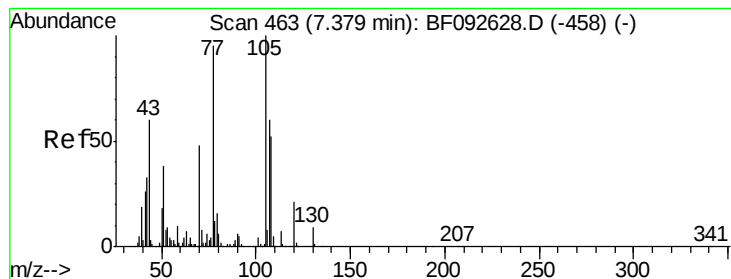
Tgt Ion:	107	Resp:	449100
Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.0	139.6
77	58.2	39.8	59.8
79	54.2	38.0	57.0



#18
Hexachloroethane
Concen: 45.40 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.08 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:	117	Resp:	210410
Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.1	117.1
201	71.9	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 47.35 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tgt Ion: 70 Resp: 402665

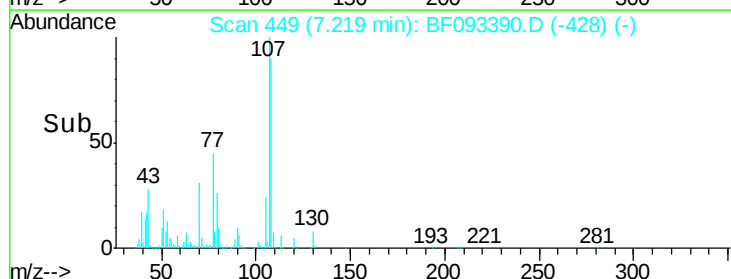
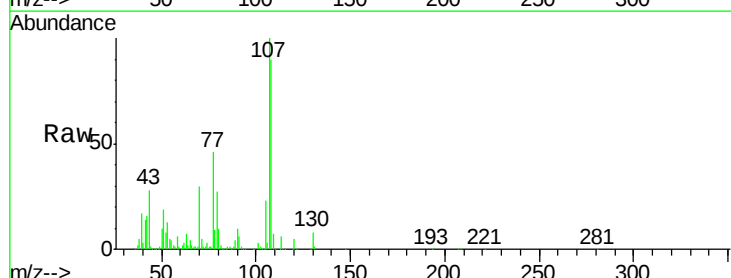
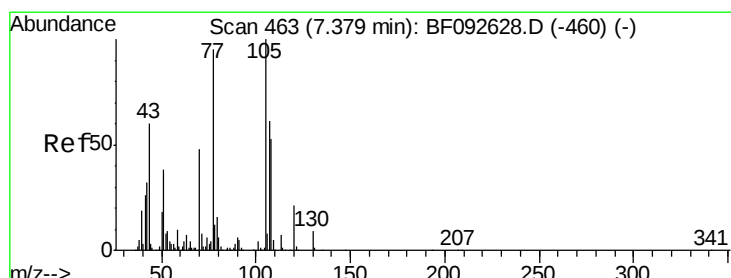
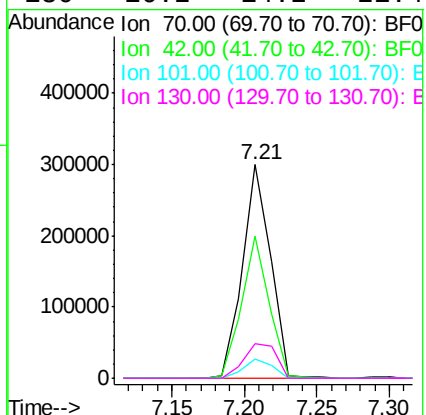
Ion Ratio Lower Upper

70 100

42 66.5 49.4 74.0

101 9.1 7.4 11.2

130 16.2 14.2 21.4



#20

3+4-Methylphenols

Concen: 52.25 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion: 107 Resp: 613780

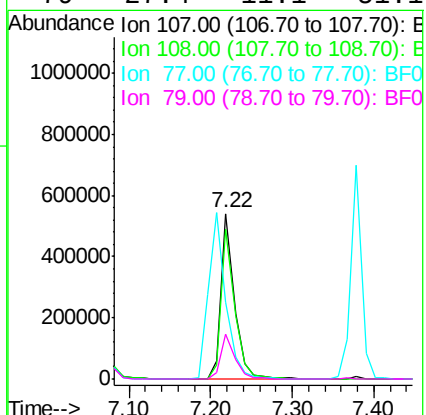
Ion Ratio Lower Upper

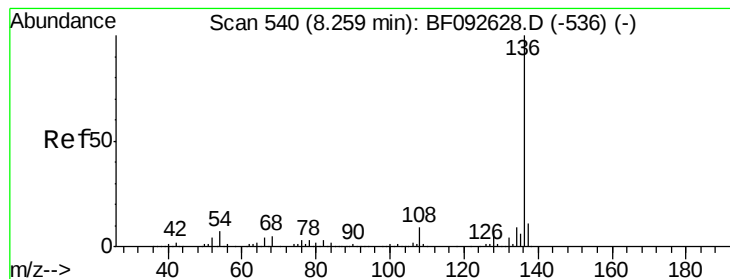
107 100

108 90.4 73.0 113.0

77 46.1 71.3 111.3#

79 27.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tgt Ion:136 Resp: 713985

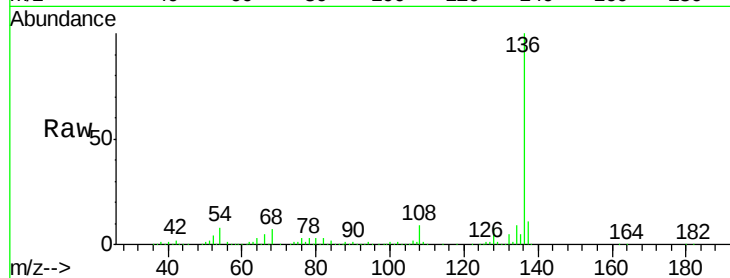
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.5 4.5 6.7#

68 6.5 3.6 5.4#

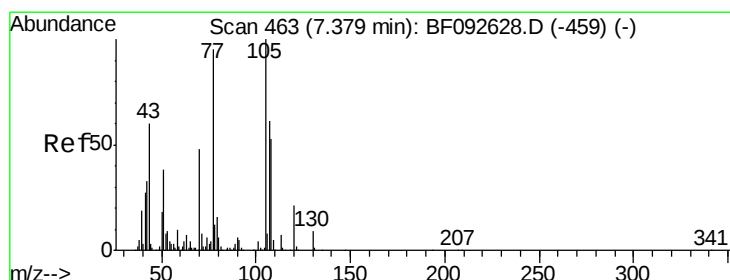
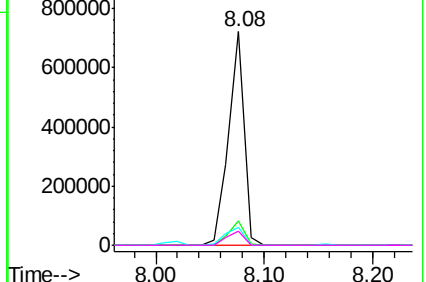
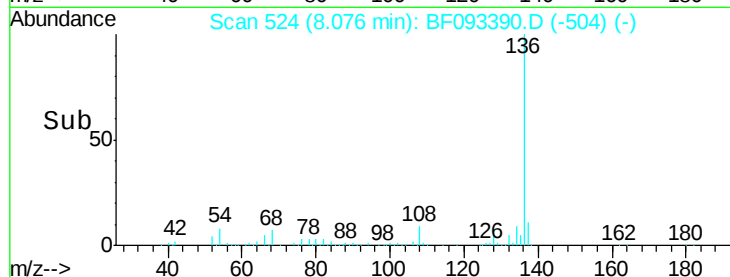


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.56 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion:105 Resp: 791565

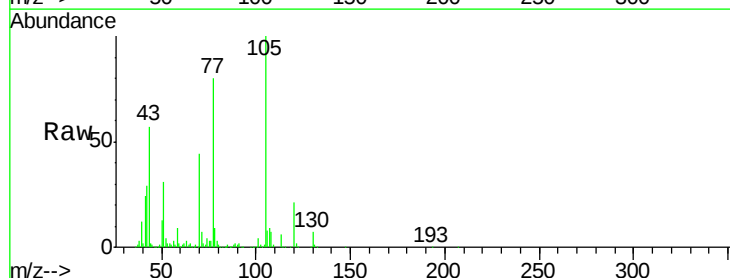
Ion Ratio Lower Upper

105 100

71 7.4 3.2 4.8#

51 31.1 26.2 39.4

120 21.4 16.6 24.8

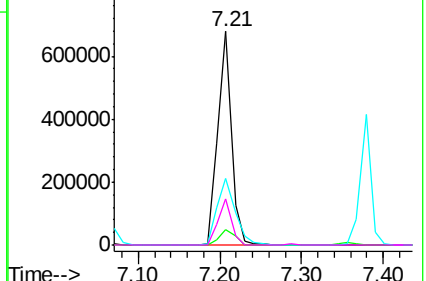
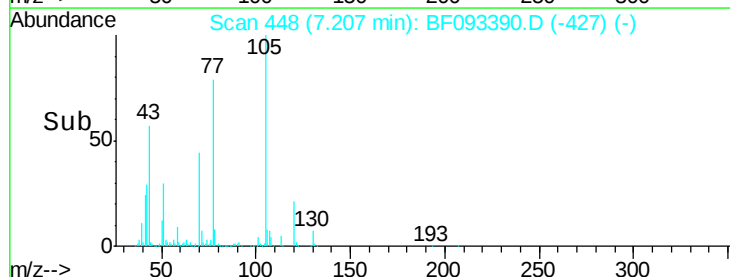


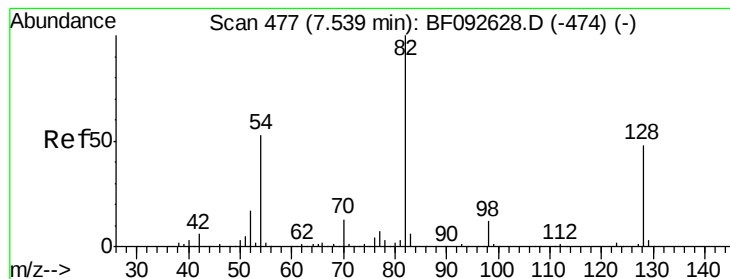
Abundance Ion 105.00 (104.70 to 105.70): E

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: 97.49 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

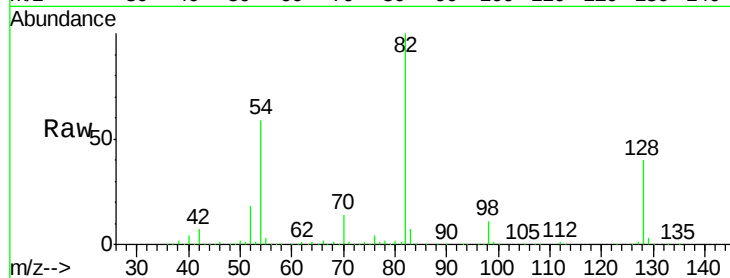
Tgt Ion: 82 Resp: 1249997

Ion Ratio Lower Upper

82 100

128 40.1 34.6 52.0

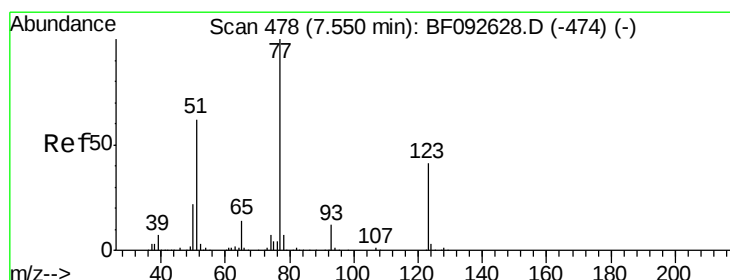
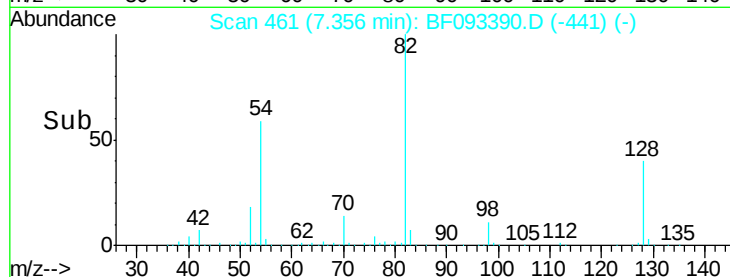
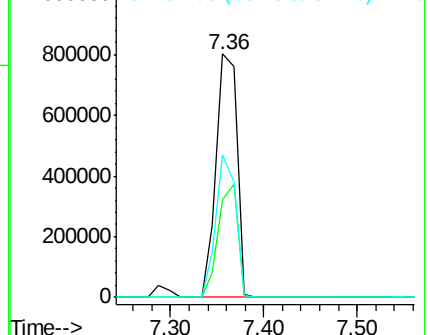
54 58.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.17 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

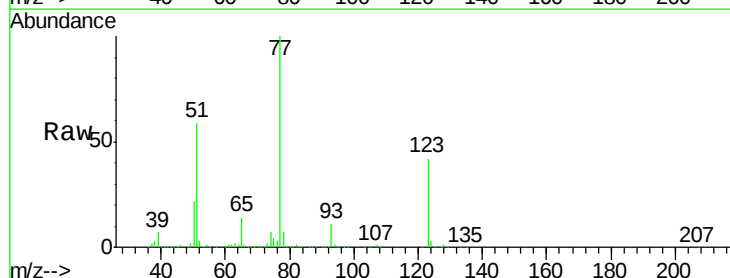
Tgt Ion: 77 Resp: 634109

Ion Ratio Lower Upper

77 100

123 42.0 33.0 49.4

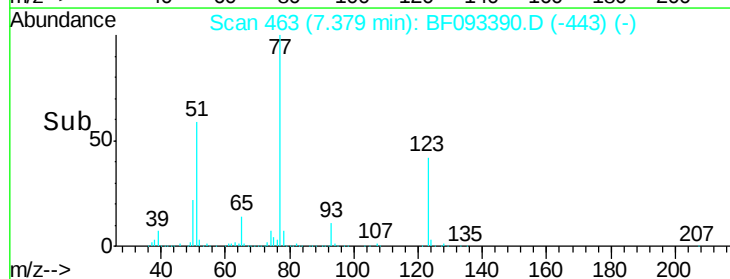
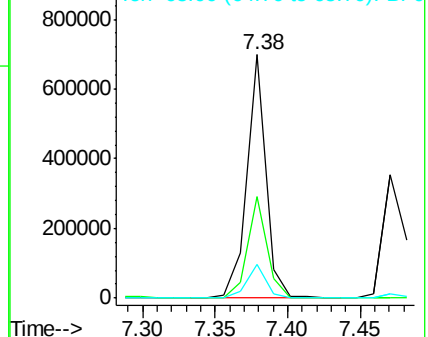
65 13.9 11.2 16.8

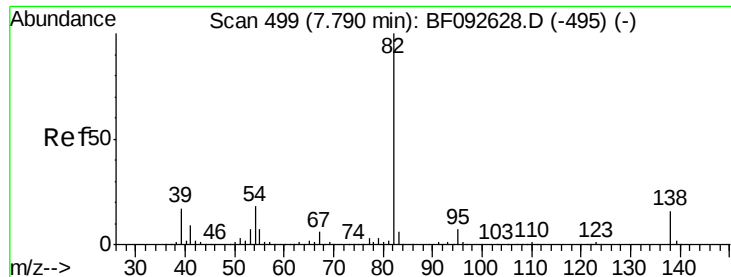


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.91 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

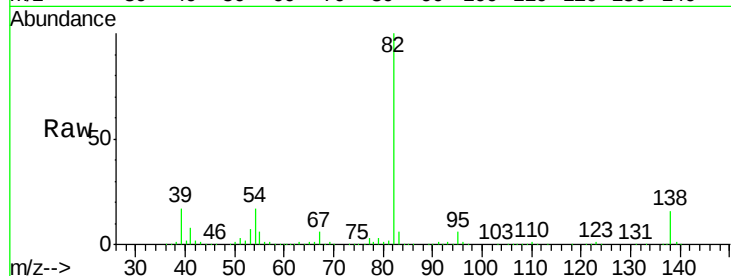
Tgt Ion: 82 Resp: 1192394

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

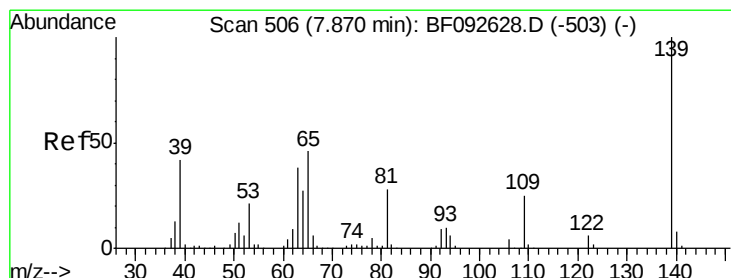
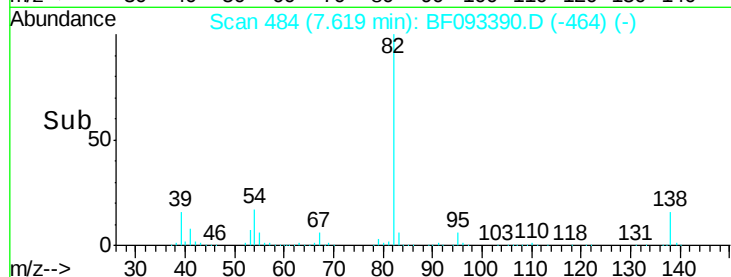
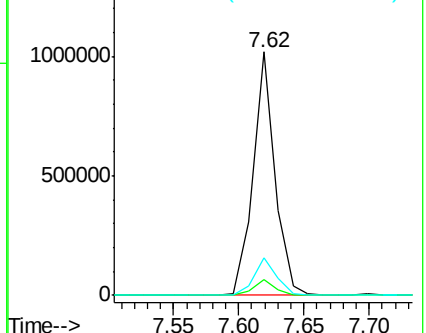
138 15.6 14.6 22.0



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



#26

2-Nitrophenol

Concen: 53.40 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

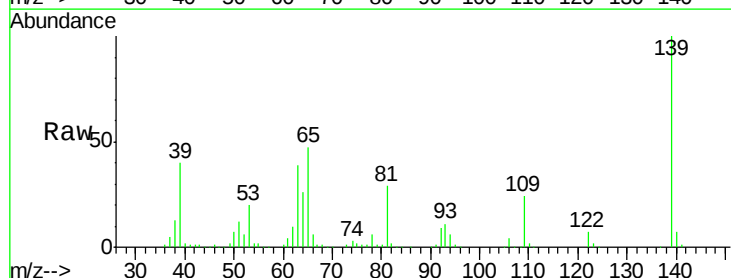
Tgt Ion: 139 Resp: 334164

Ion Ratio Lower Upper

139 100

109 24.4 23.3 34.9

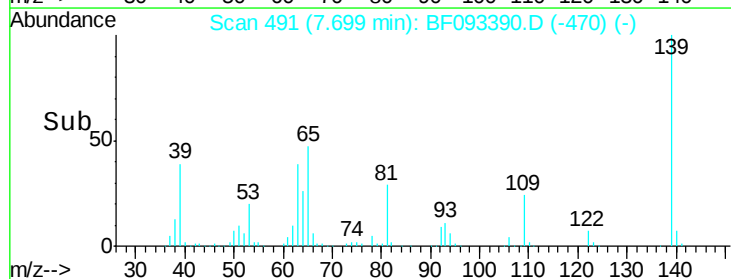
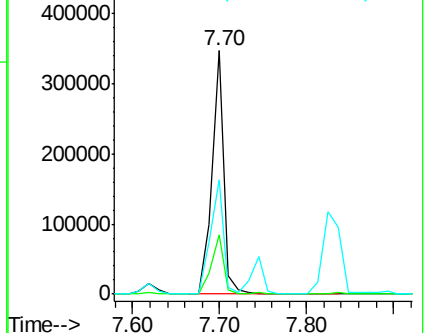
65 47.1 42.7 64.1

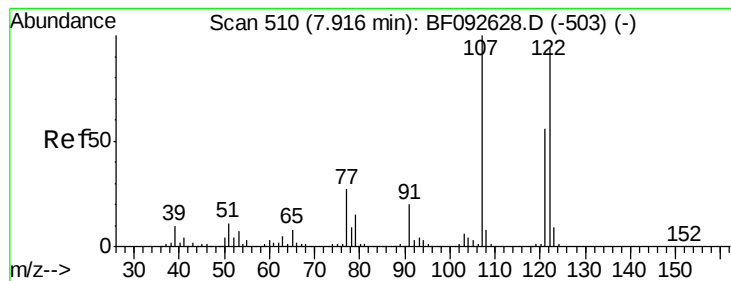


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

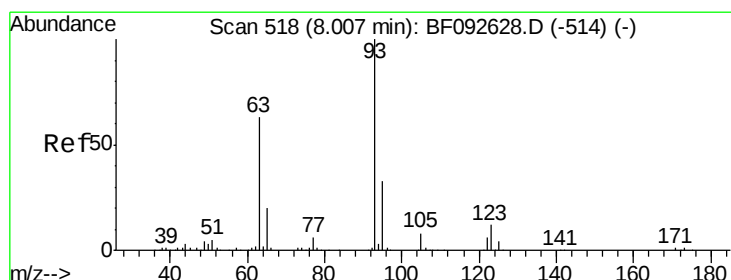
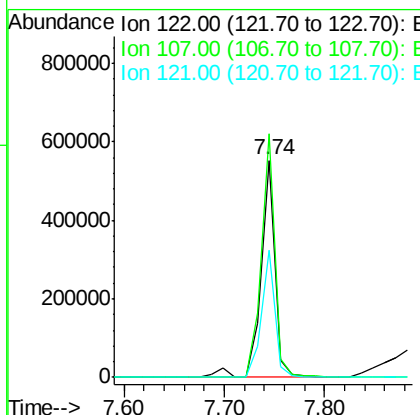
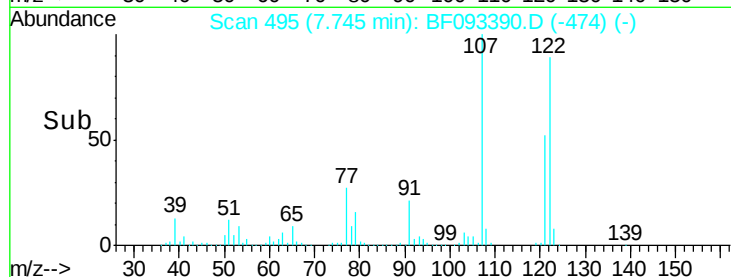
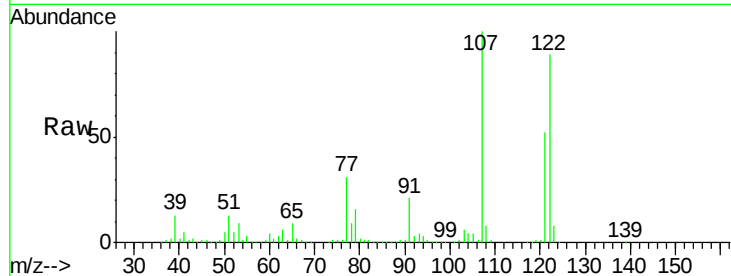




#27
 2,4-Dimethylphenol
 Concen: 48.90 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.06 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

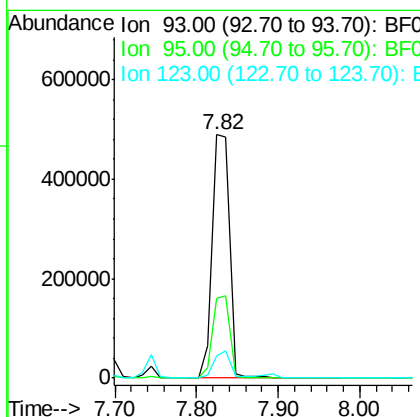
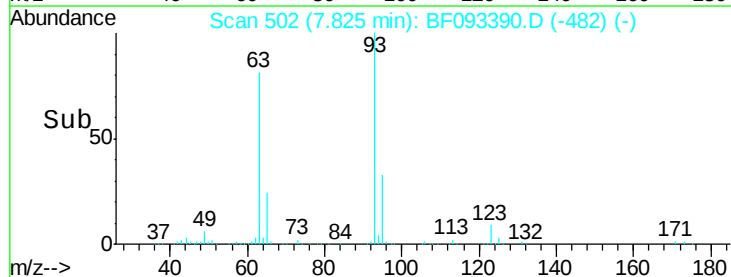
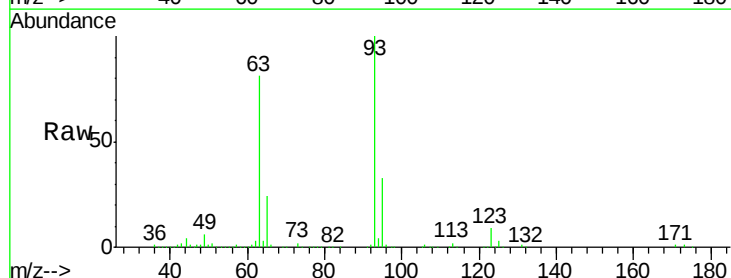
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

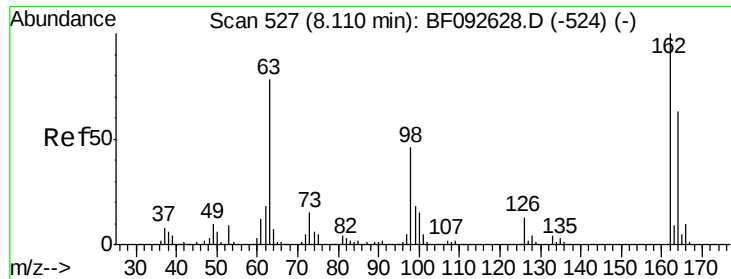
Tgt Ion:122 Resp: 537492
 Ion Ratio Lower Upper
 122 100
 107 112.2 94.1 141.1
 121 58.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.06 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion: 93 Resp: 728768
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 9.0 8.6 13.0

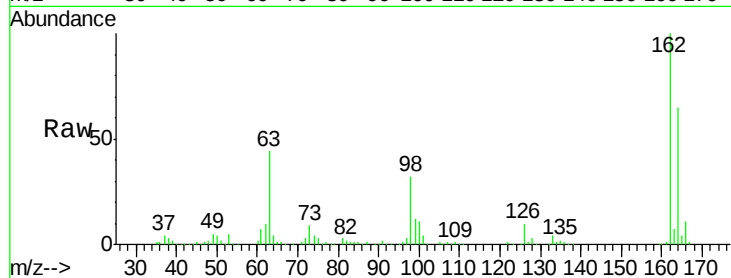




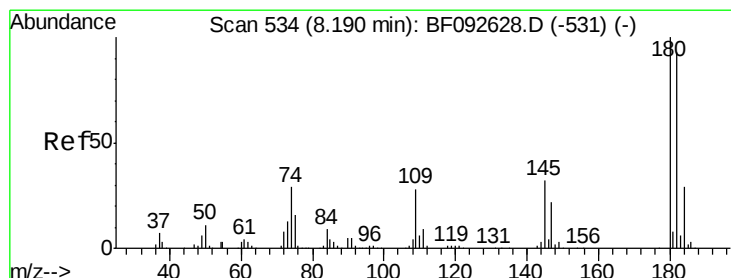
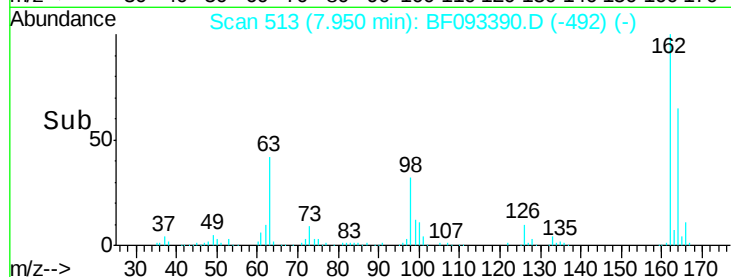
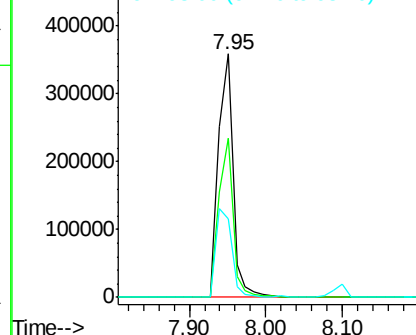
#29
 2,4-Dichlorophenol
 Concen: 46.36 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.8	86.8
98	32.0	9.1	49.1

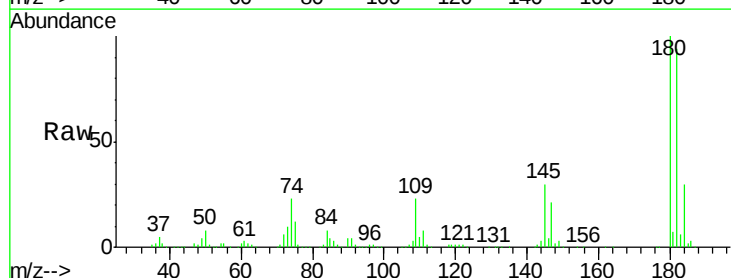


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

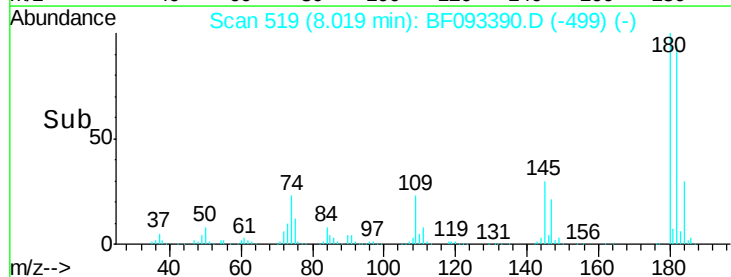
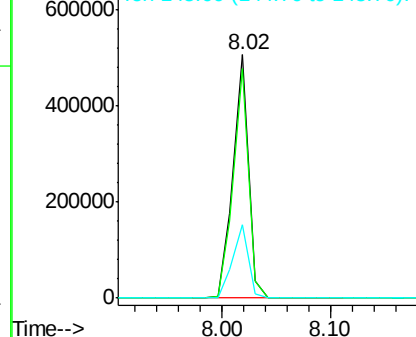


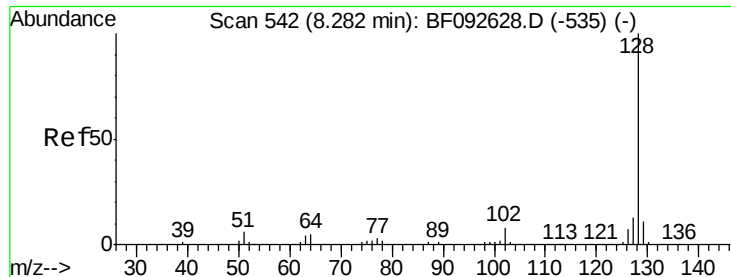
#30
 1,2,4-Trichlorobenzene
 Concen: 45.13 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.2	117.4
145	30.2	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

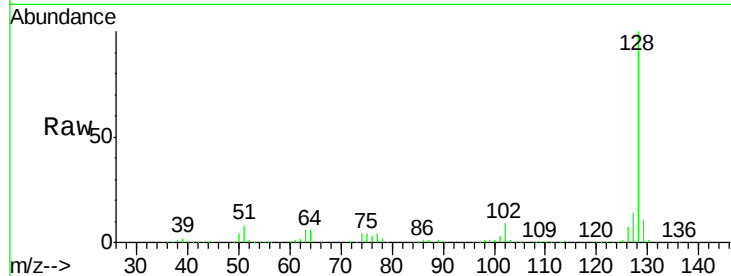




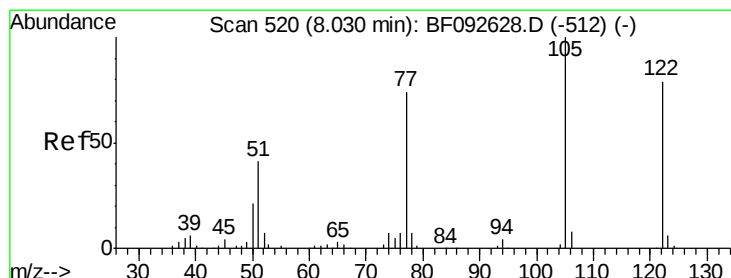
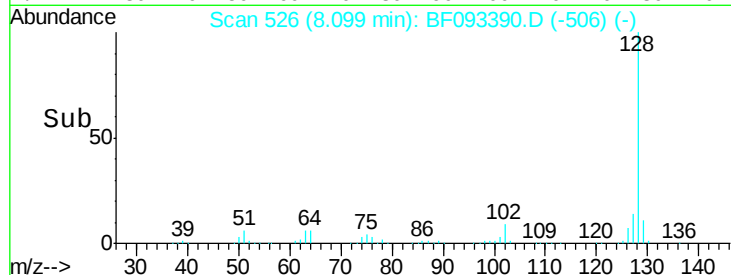
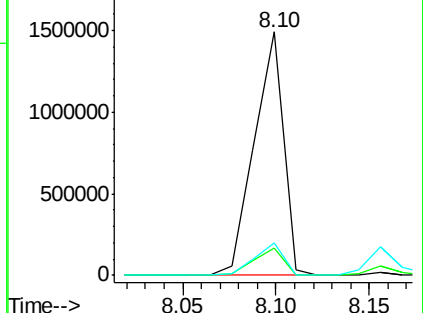
#31
Naphthalene
Concen: 44.57 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

Tgt Ion:128 Resp: 1613110
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.5 10.8 16.2

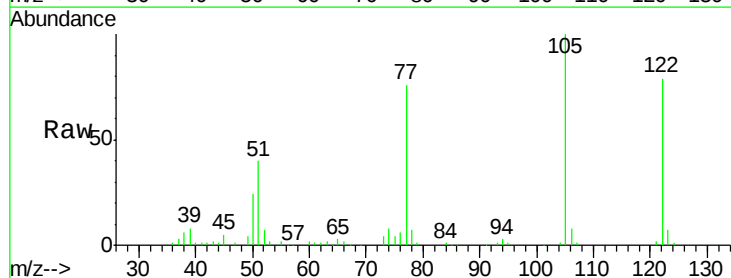


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

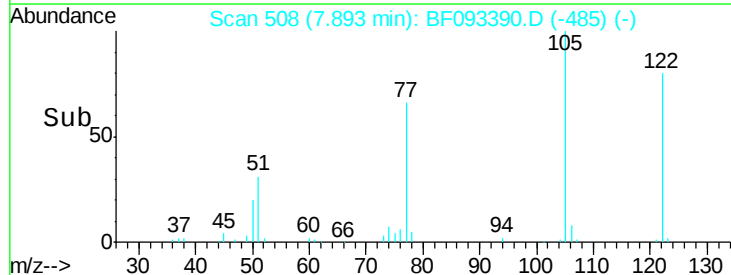
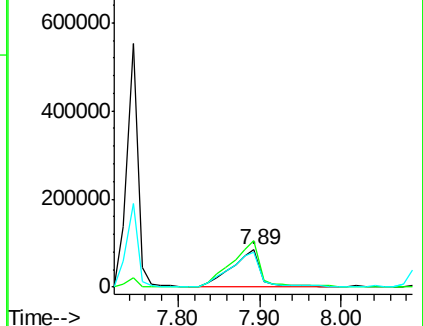


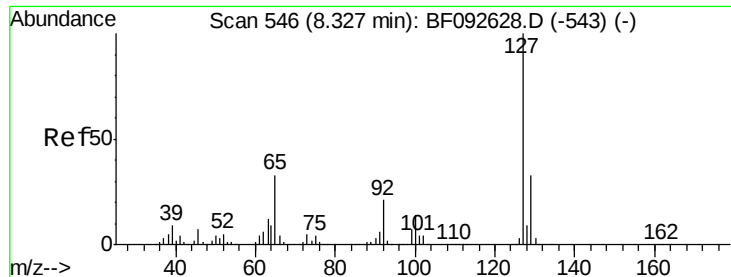
#32
Benzoic acid
Concen: 35.07 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:122 Resp: 204291
Ion Ratio Lower Upper
122 100
105 126.8 107.2 147.2
77 96.3 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

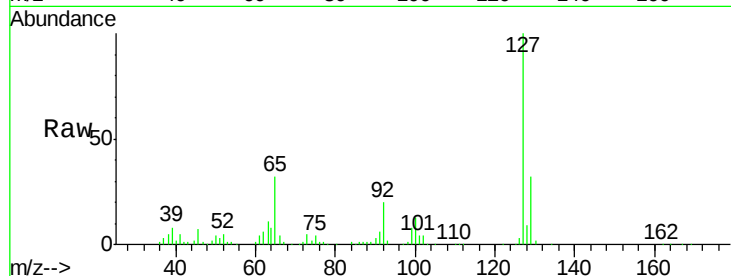




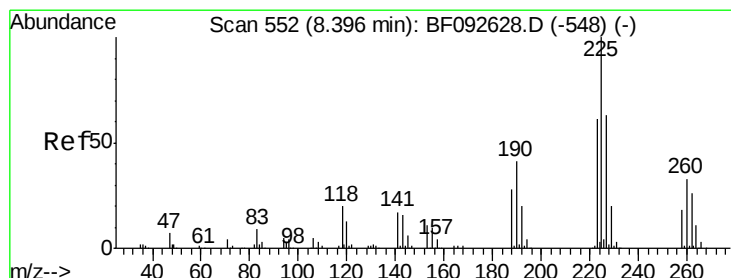
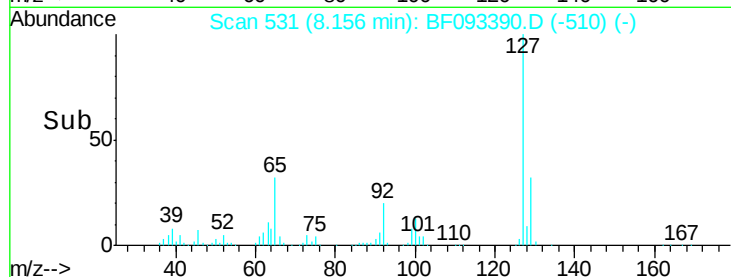
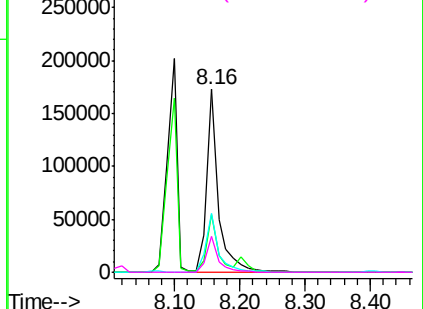
#33
4-Chloroaniline
Concen: 15.26 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

Tgt Ion:	127	Resp:	216636
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	32.4	25.8	38.8
92	19.8	16.1	24.1

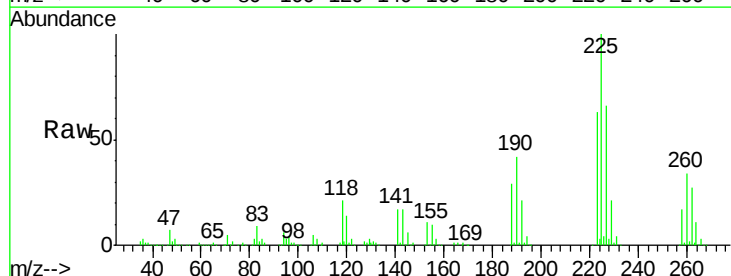


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

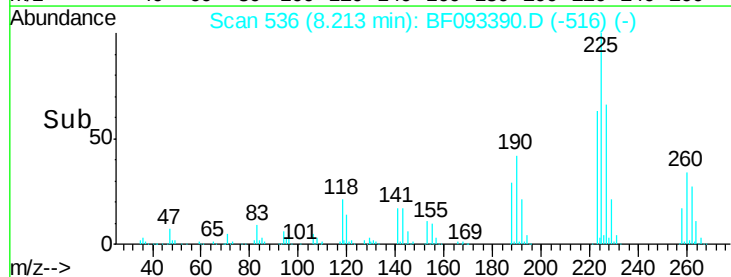
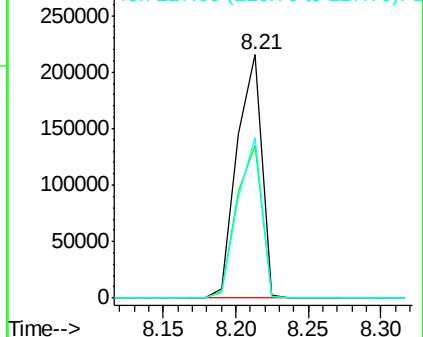


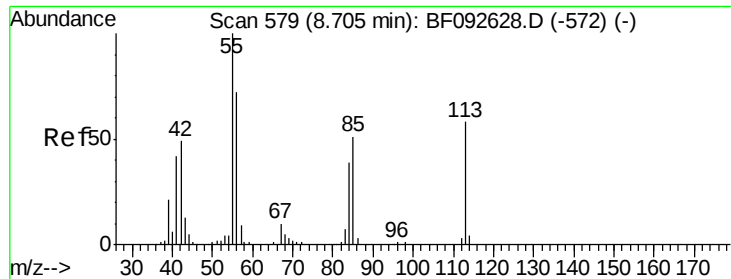
#34
Hexachlorobutadiene
Concen: 42.08 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:	225	Resp:	255737
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	65.9	50.6	76.0



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

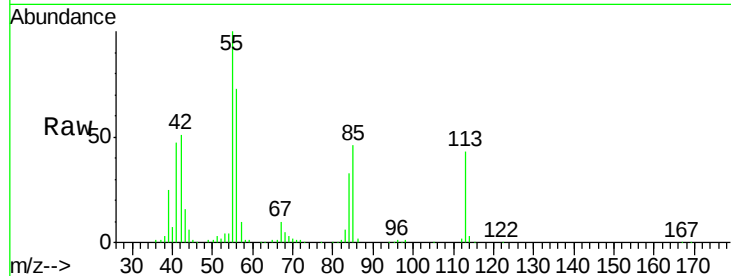




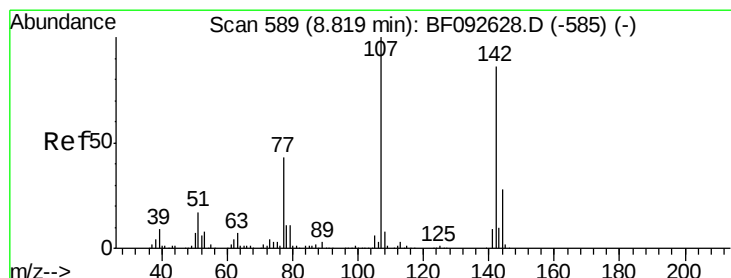
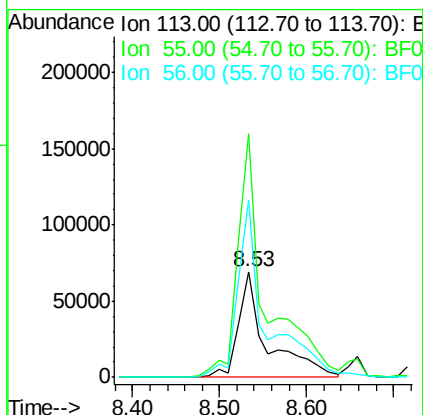
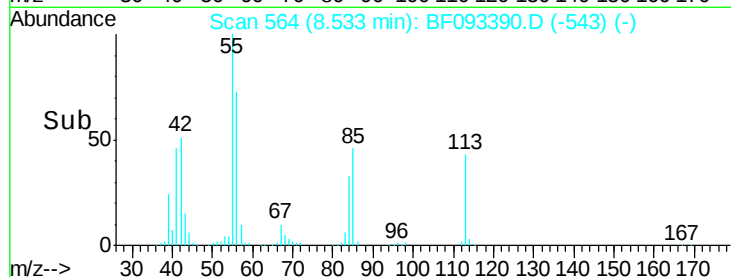
#35
 Caprolactam
 Concen: 48.80 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Tgt Ion:113 Resp: 157339
 Ion Ratio Lower Upper
 113 100
 55 230.9 119.2 159.2#
 56 168.0 83.8 123.8#

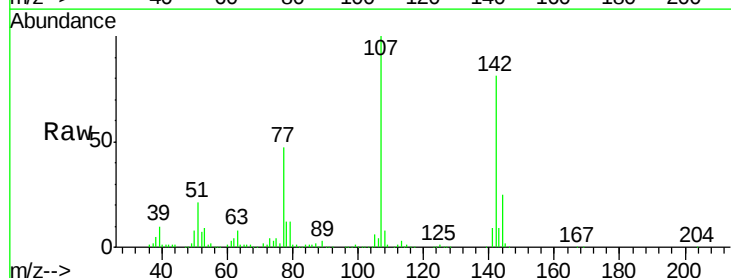


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

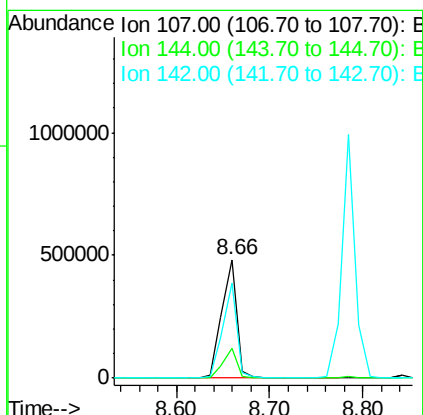
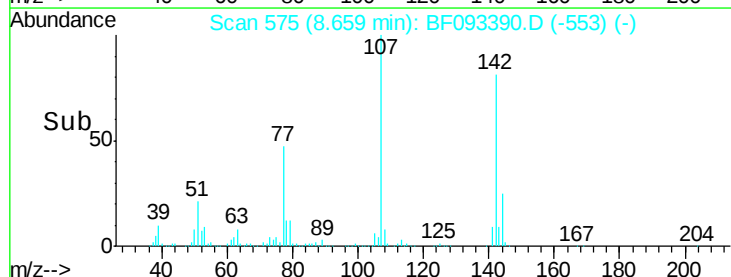


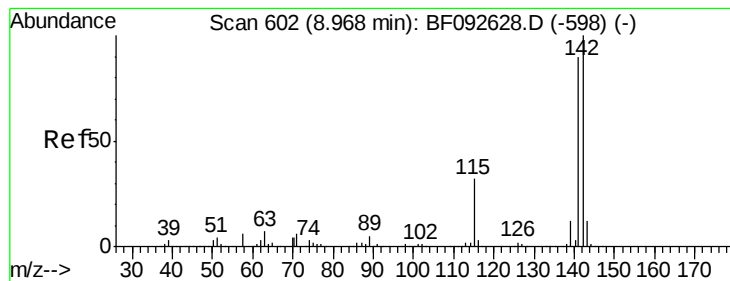
#36
 4-Chloro-3-methylphenol
 Concen: 50.39 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion:107 Resp: 538554
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 80.6 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 42.56 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

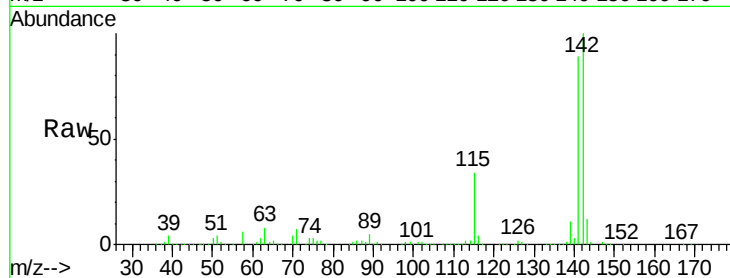
Tgt Ion:142 Resp: 989019

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

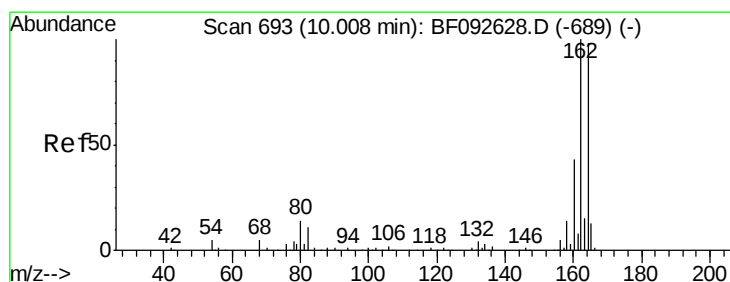
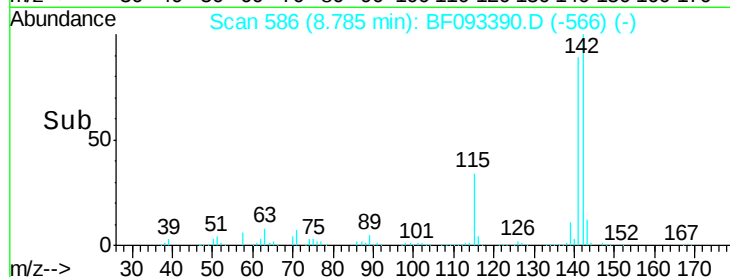
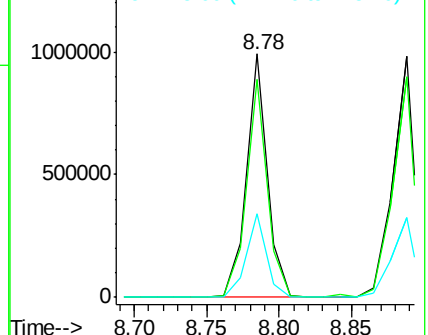
115 34.2 28.3 42.5



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: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

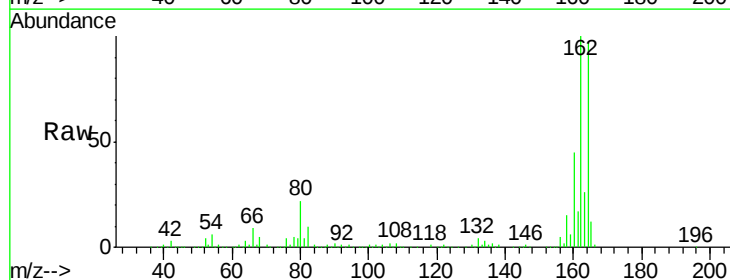
Tgt Ion:164 Resp: 316296

Ion Ratio Lower Upper

164 100

162 103.4 80.2 120.2

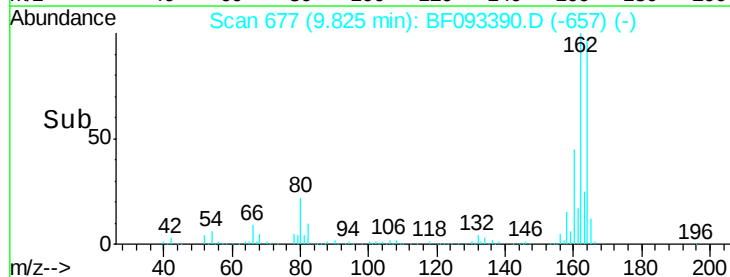
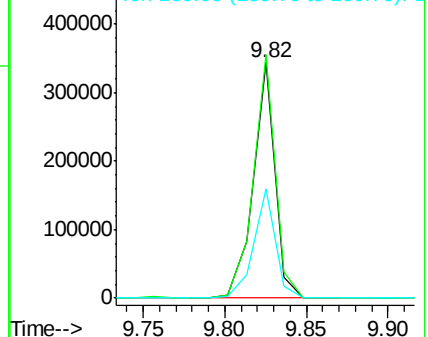
160 46.5 36.9 55.3

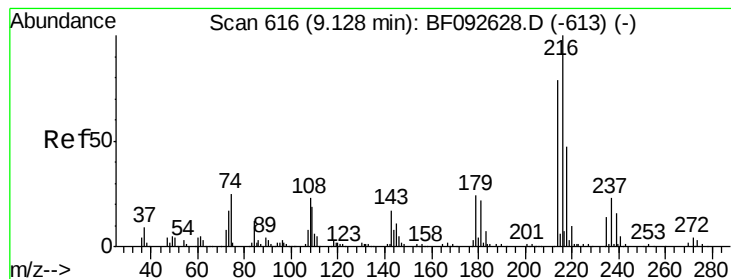


Abundance Ion 164.00 (163.70 to 164.70): E

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: 52.12 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

Tgt Ion:216 Resp: 462779

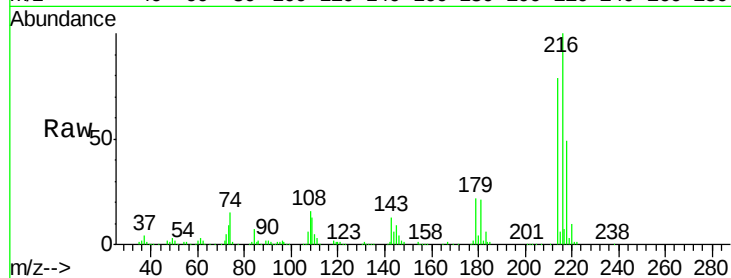
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.1 17.4 26.2

108 20.1 15.6 23.4

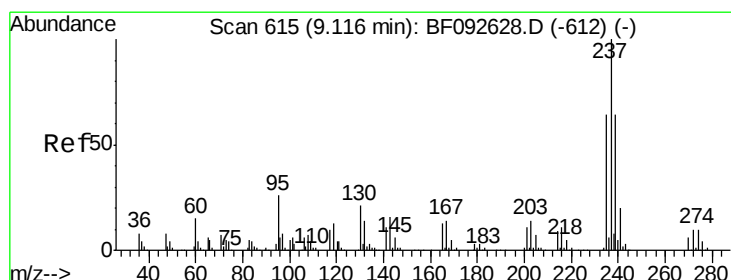
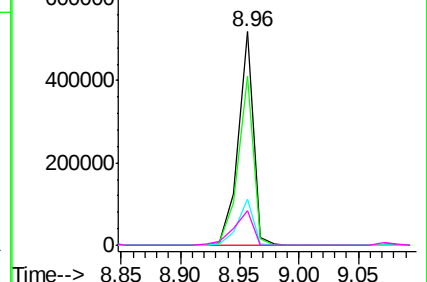
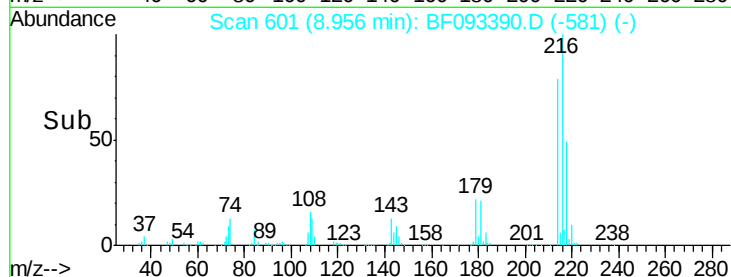


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.46 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

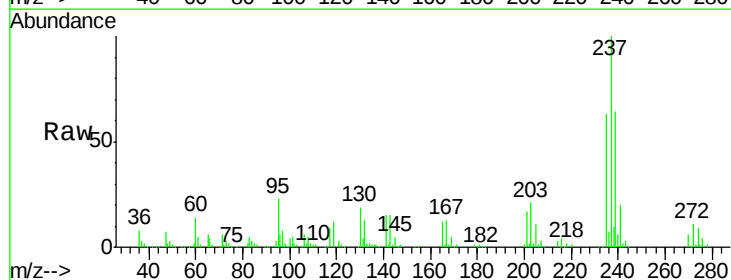
Tgt Ion:237 Resp: 150045

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

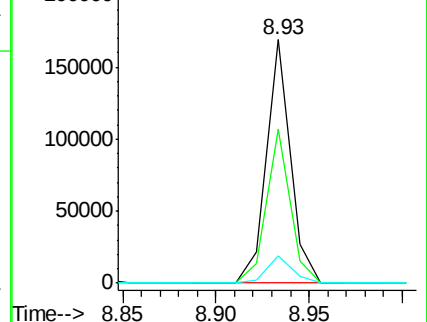
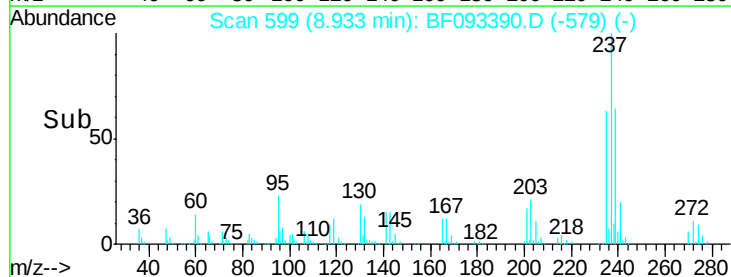
272 11.4 0.0 35.4

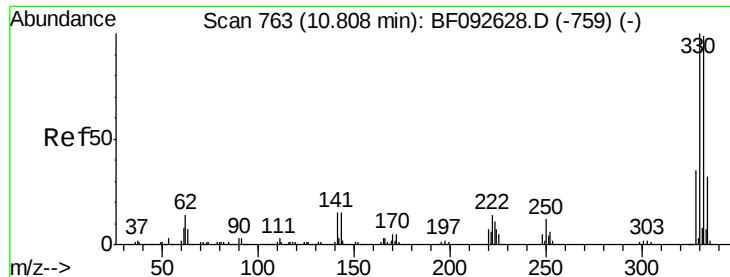


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

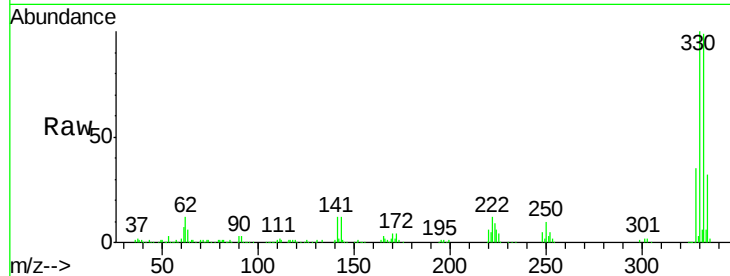




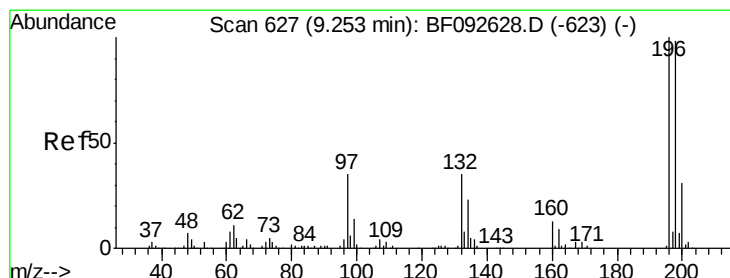
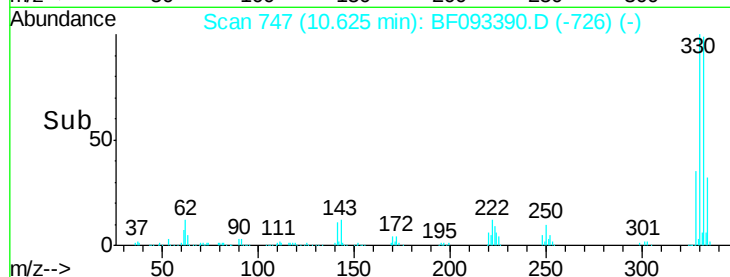
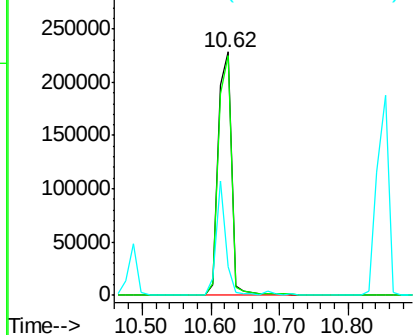
#41
 2,4,6-Tribromophenol
 Concen: 138.95 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Tgt Ion:330 Resp: 317863
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 34.0 34.1 51.1#

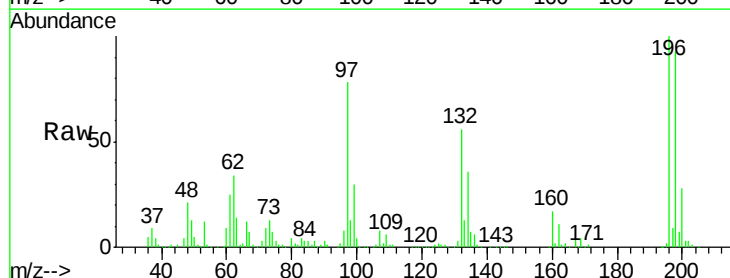


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

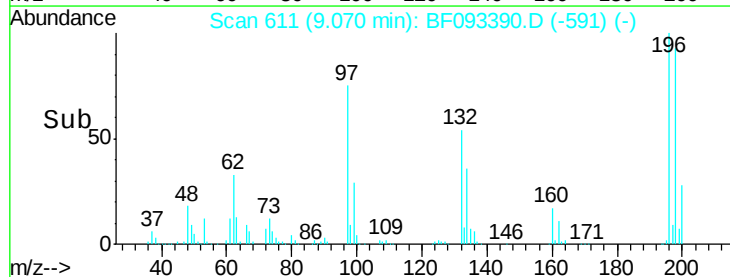
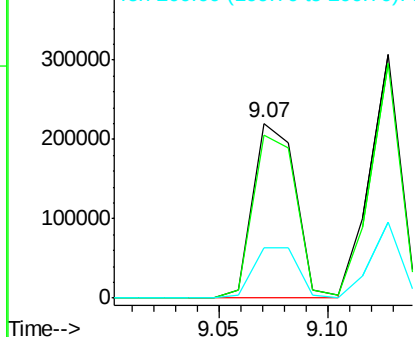


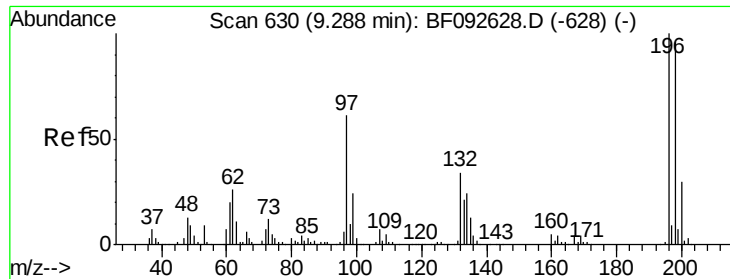
#42
 2,4,6-Trichlorophenol
 Concen: 51.82 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion:196 Resp: 302330
 Ion Ratio Lower Upper
 196 100
 198 93.5 82.1 123.1
 200 28.5 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

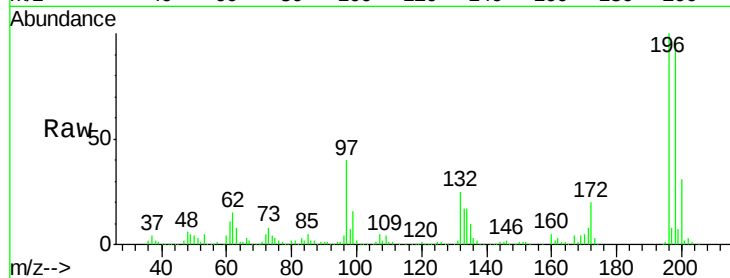




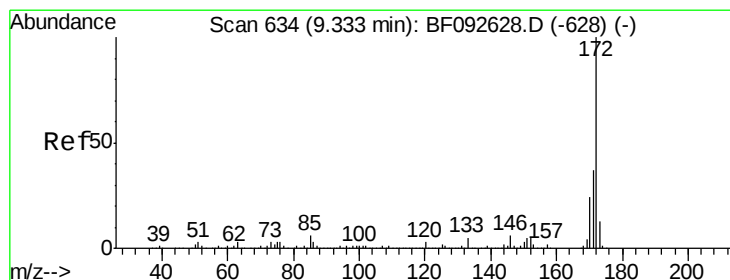
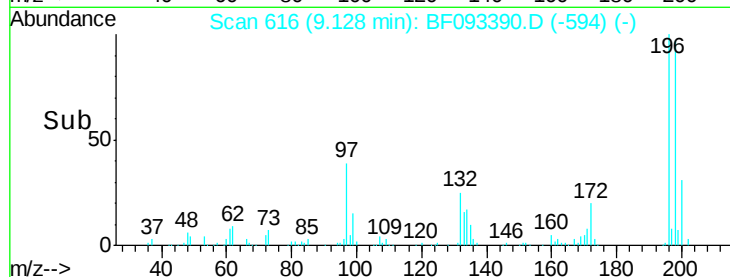
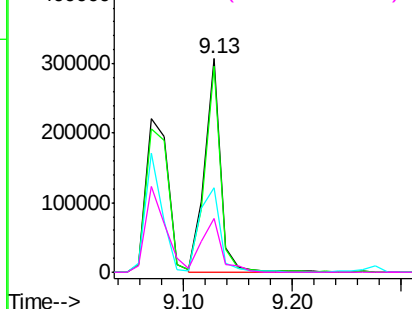
#43
2,4,5-Trichlorophenol
Concen: 49.22 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

Tgt Ion:196 Resp: 314615
Ion Ratio Lower Upper
196 100
198 96.6 79.4 119.2
97 39.5 51.5 77.3#
132 25.2 27.4 41.2#

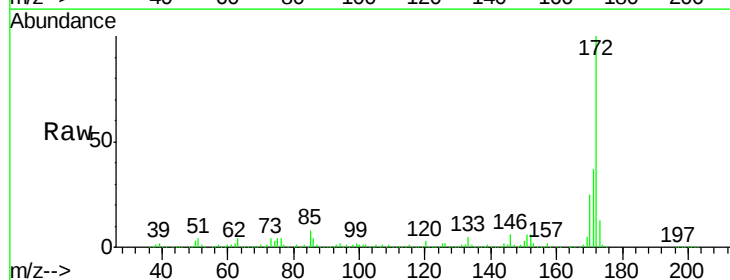


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

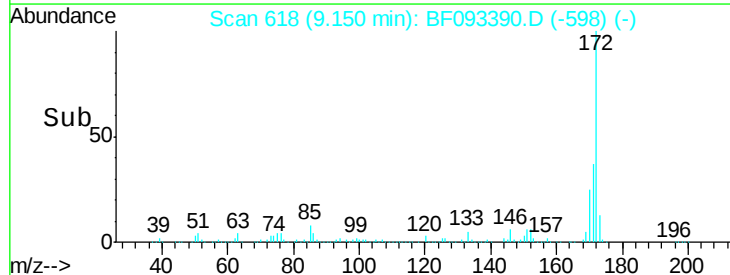
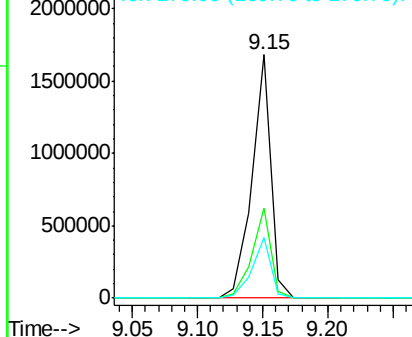


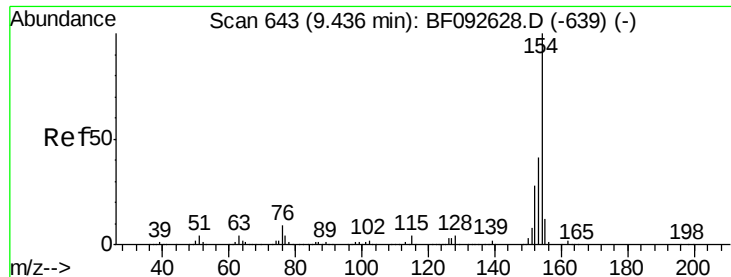
#44
2-Fluorobiphenyl
Concen: 97.03 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:172 Resp: 1693968
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.7 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

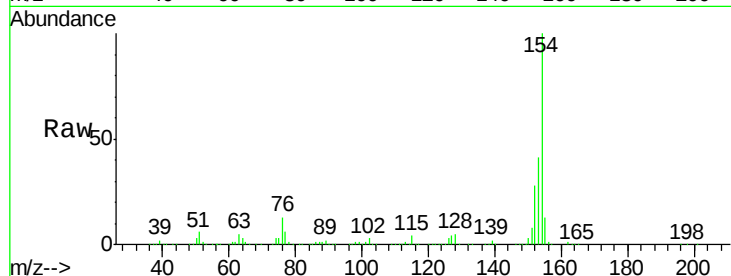




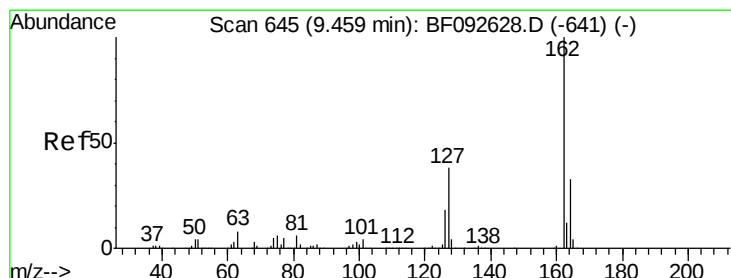
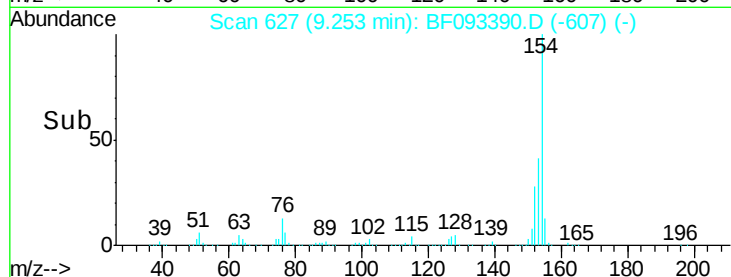
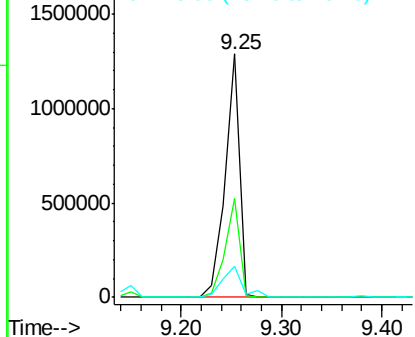
#45
 1,1'-Biphenyl
 Concen: 55.70 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Tgt Ion:154 Resp: 1275621
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 12.5 0.0 30.5

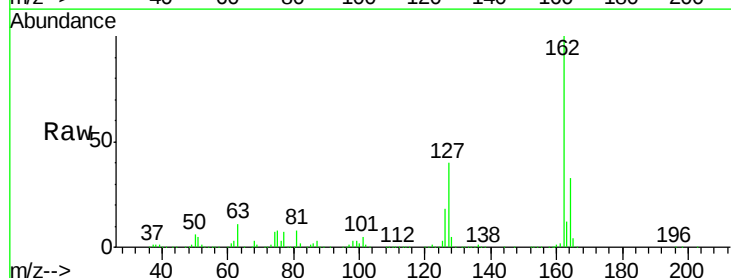


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

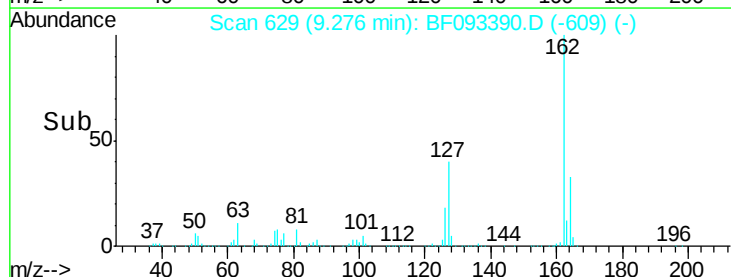
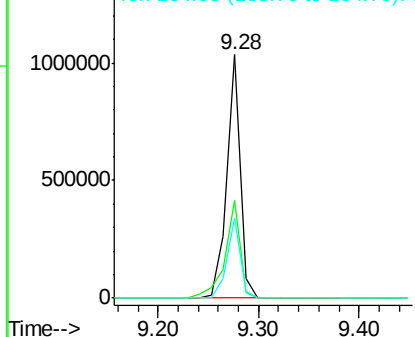


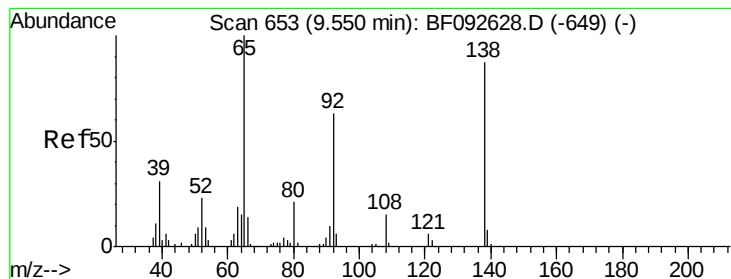
#46
 2-Chloronaphthalene
 Concen: 53.61 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion:162 Resp: 960588
 Ion Ratio Lower Upper
 162 100
 127 40.1 30.7 46.1
 164 32.5 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: 52.32 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

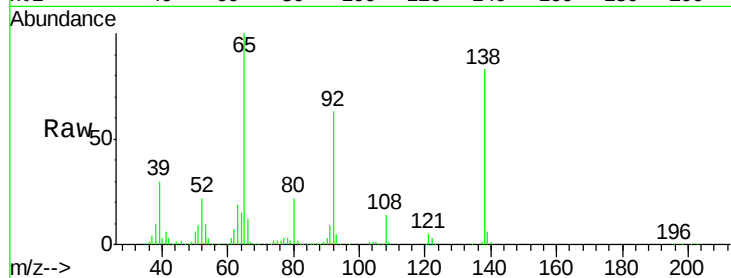
Tgt Ion: 65 Resp: 315171

Ion Ratio Lower Upper

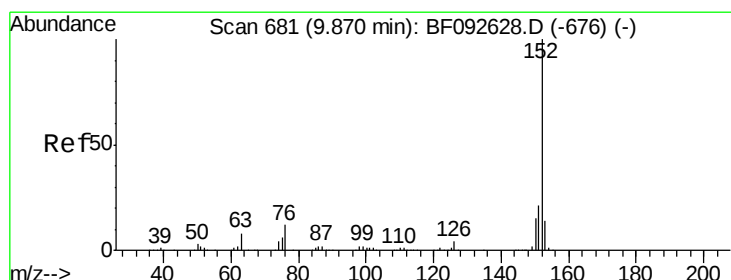
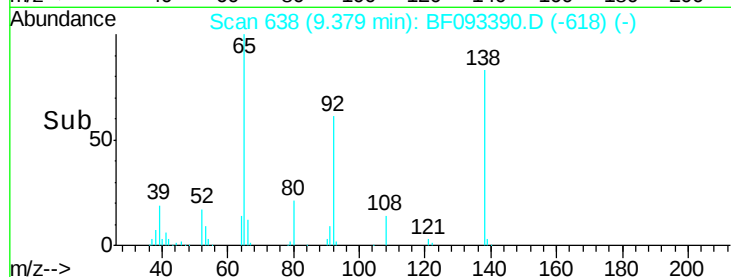
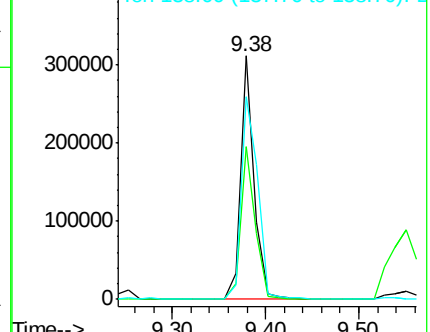
65 100

92 62.7 53.9 80.9

138 83.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 44.38 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

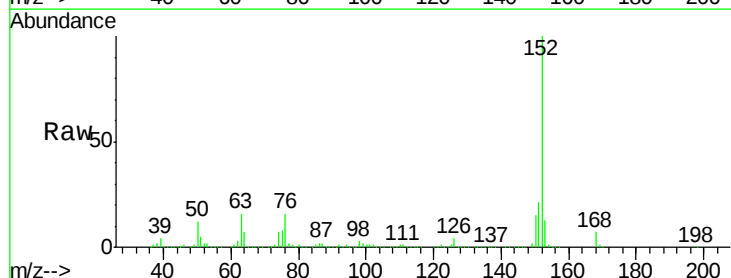
Tgt Ion: 152 Resp: 1373509

Ion Ratio Lower Upper

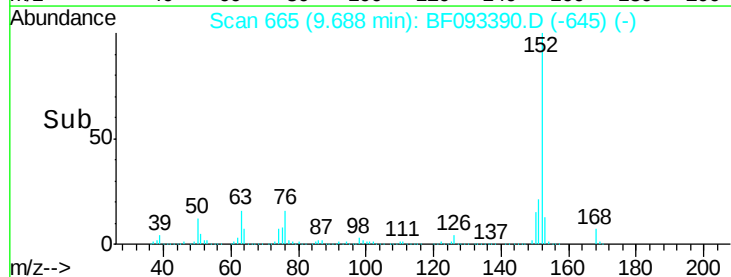
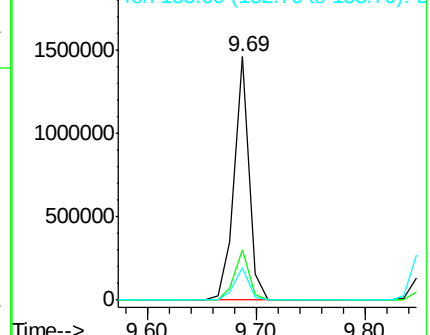
152 100

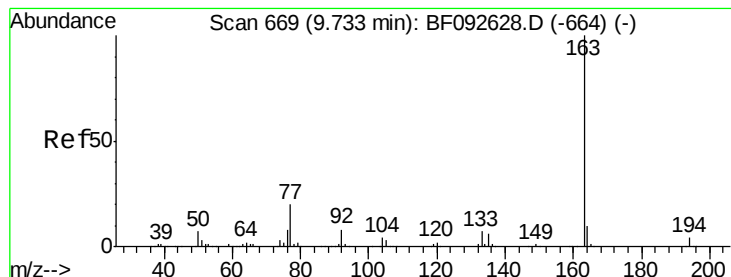
151 20.9 16.9 25.3

153 13.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 60.15 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

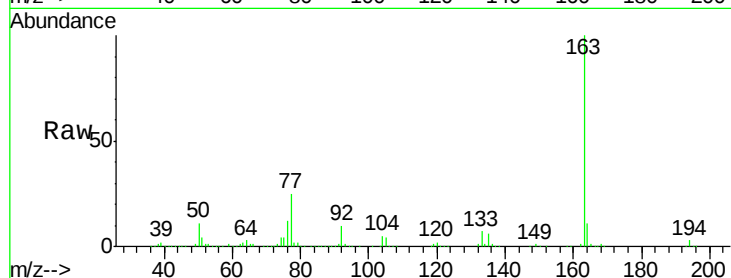
Tgt Ion:163 Resp: 1281502

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

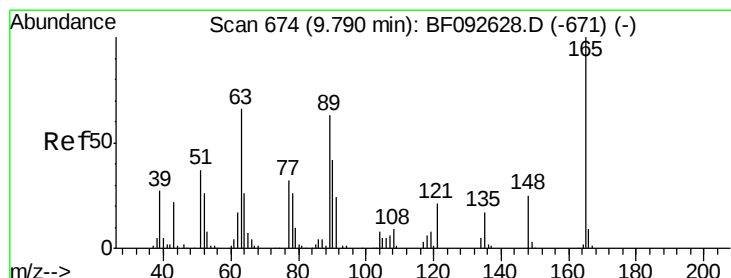
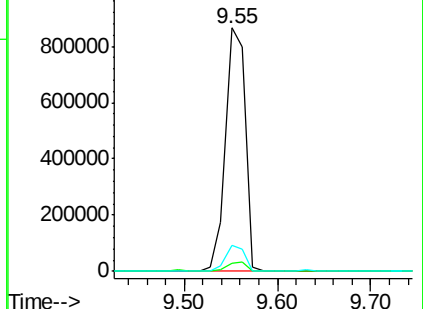
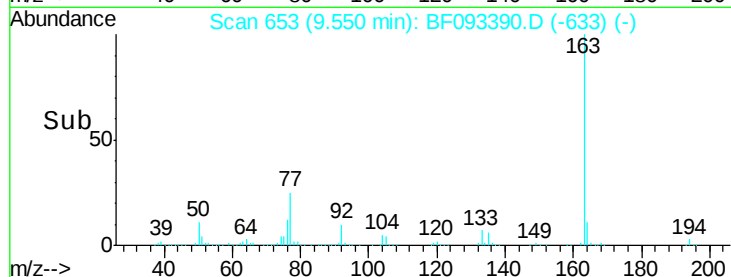
164 10.8 8.0 12.0



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: 54.60 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.06 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

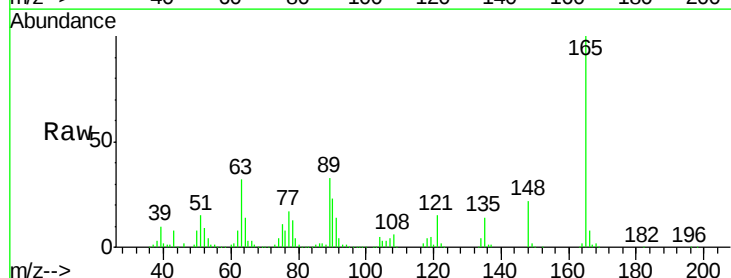
Tgt Ion:165 Resp: 251197

Ion Ratio Lower Upper

165 100

63 32.2 36.2 54.4#

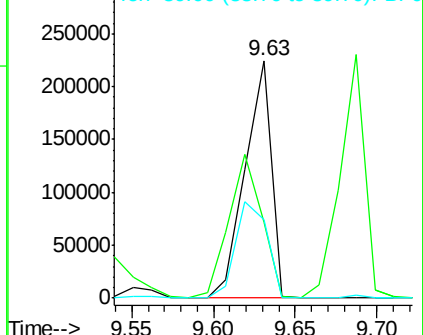
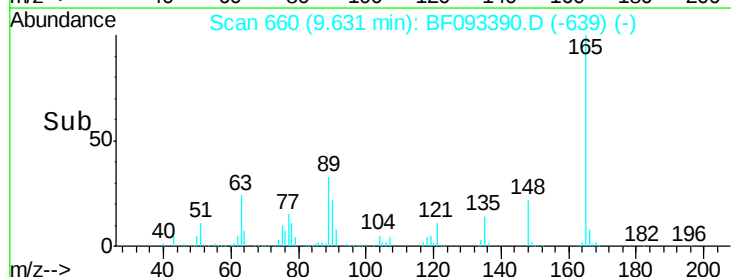
89 33.1 40.2 60.4#

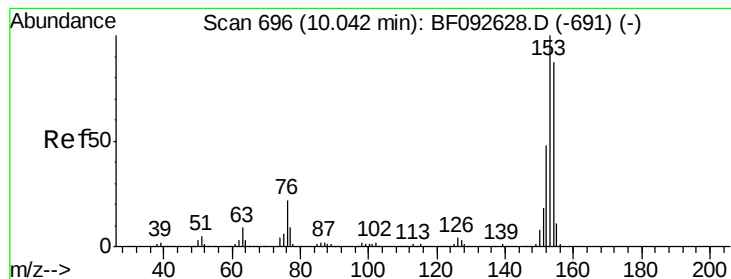


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.92 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

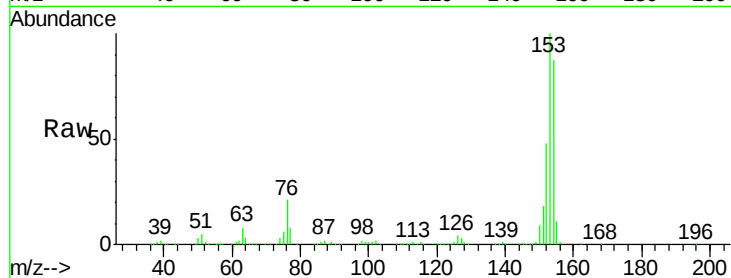
Tgt Ion:154 Resp: 849780

Ion Ratio Lower Upper

154 100

153 115.3 88.6 133.0

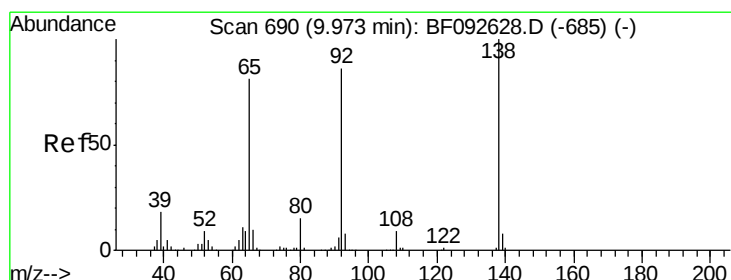
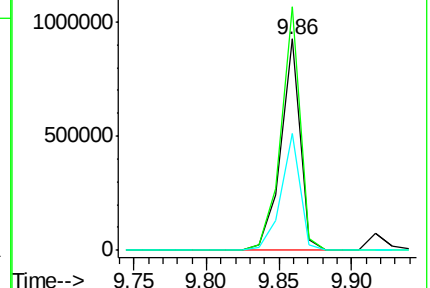
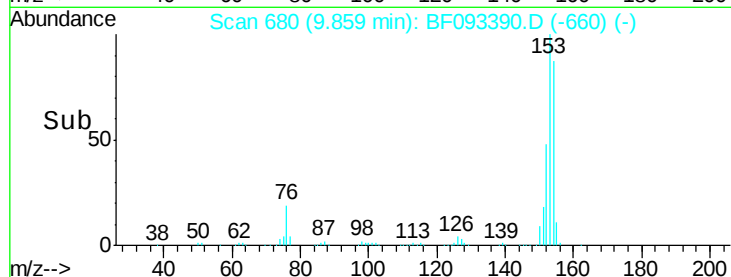
152 55.5 41.6 62.4



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: 28.79 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

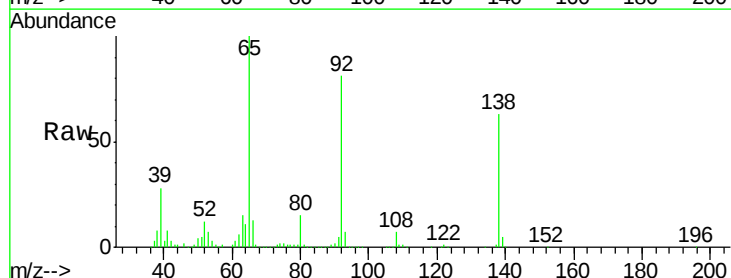
Tgt Ion:138 Resp: 151589

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

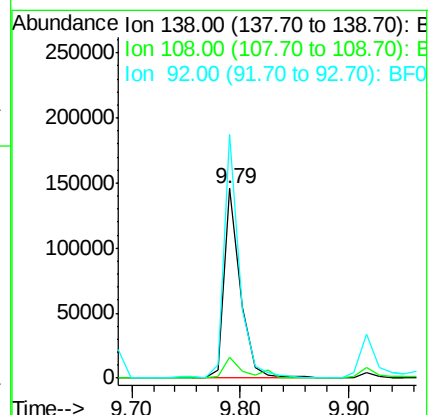
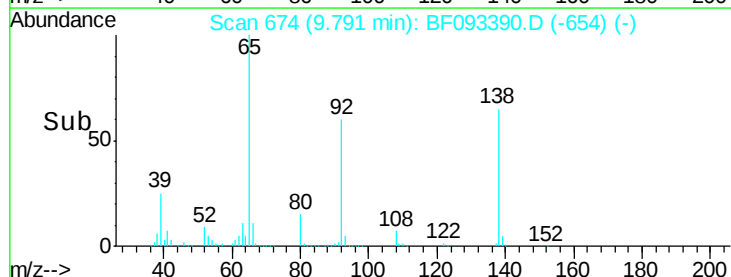
92 128.4 97.8 146.8

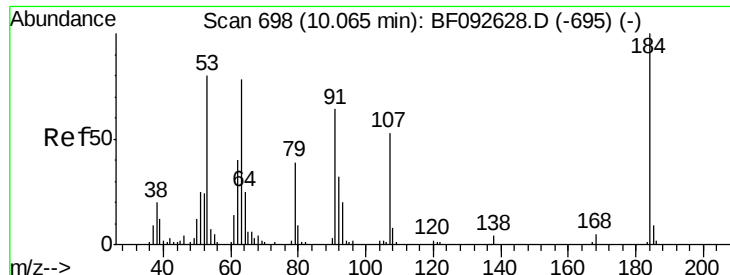


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

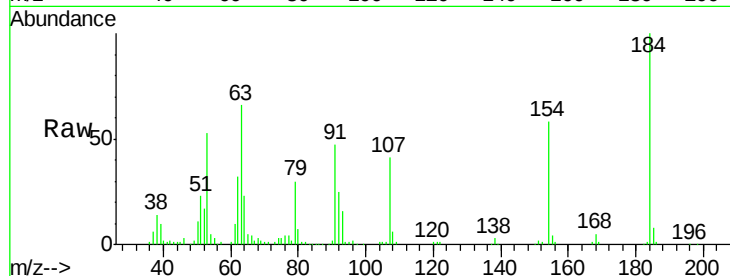




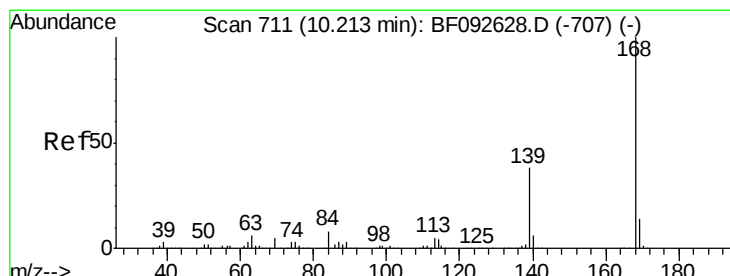
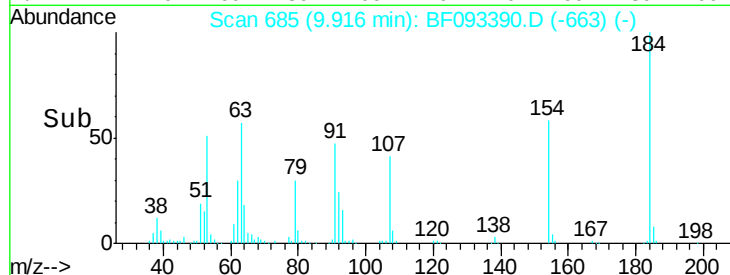
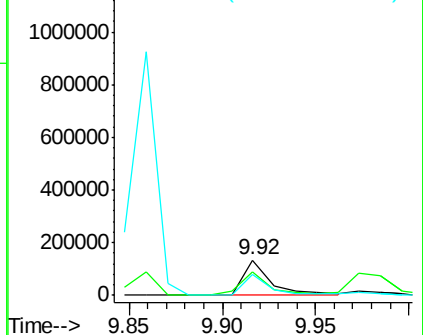
#53
2,4-Dinitrophenol
Concen: 62.37 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

Tgt Ion:184 Resp: 143392
Ion Ratio Lower Upper
184 100
63 65.9 28.4 42.6#
154 58.1 44.3 66.5

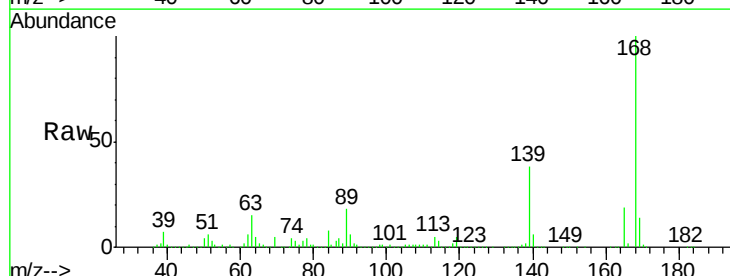


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

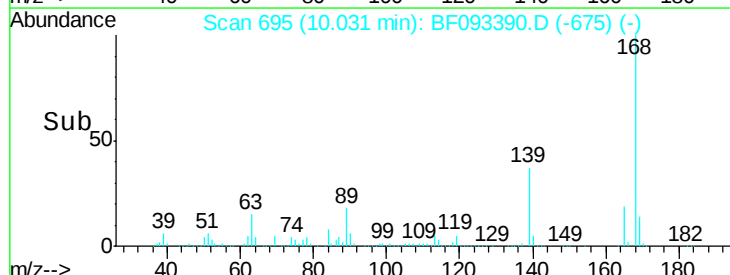
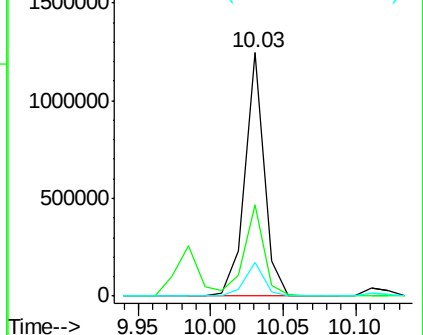


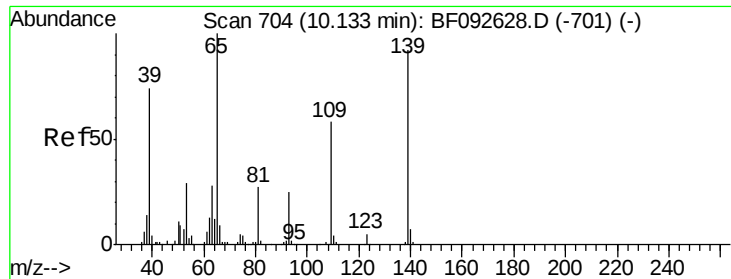
#54
Dibenzofuran
Concen: 46.45 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:168 Resp: 1149681
Ion Ratio Lower Upper
168 100
139 37.7 32.6 49.0
169 13.7 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

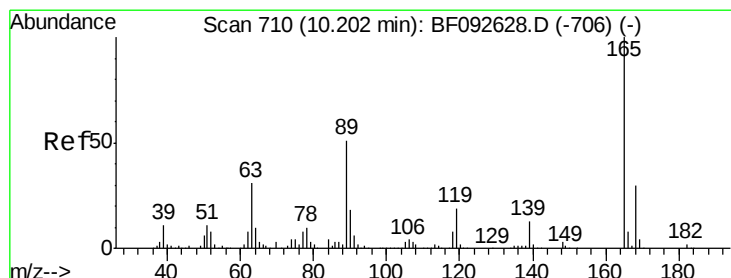
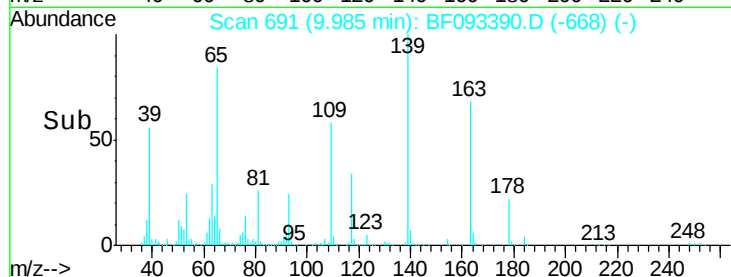
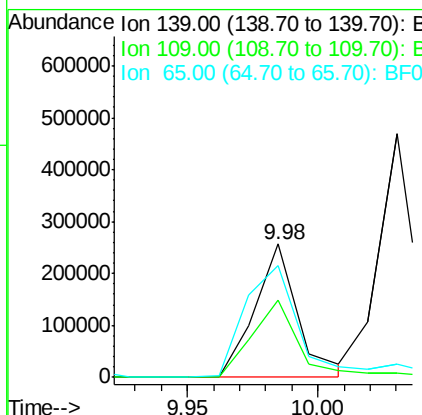
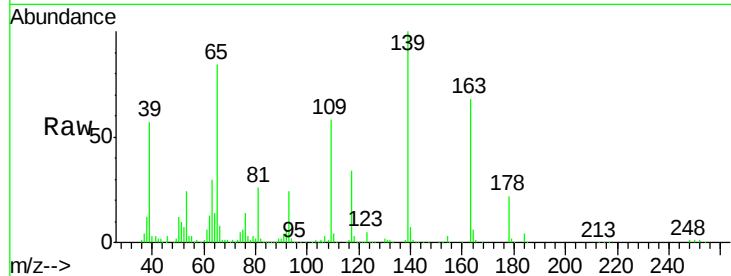




#55
4-Nitrophenol
Concen: 77.16 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

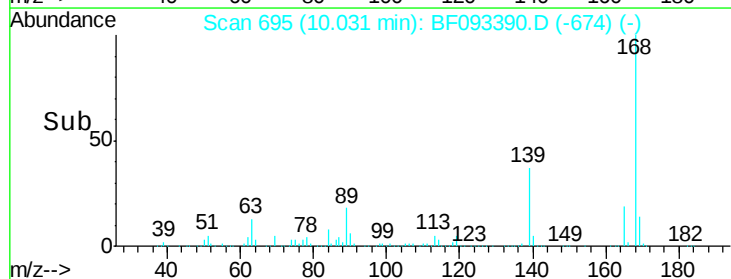
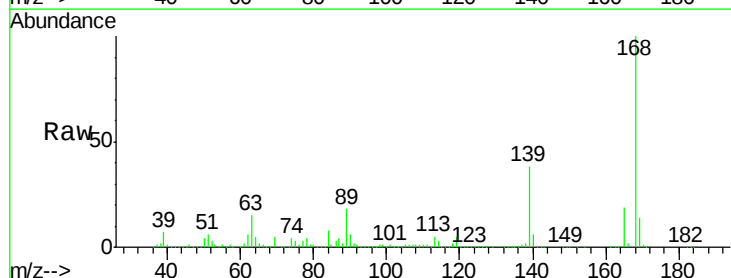
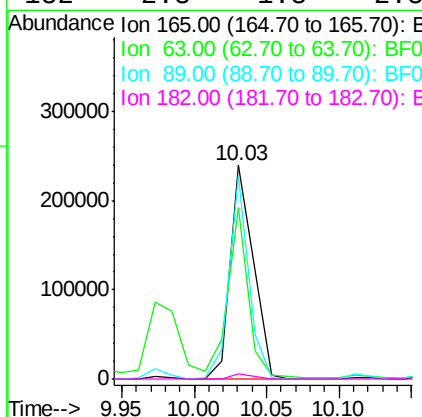
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

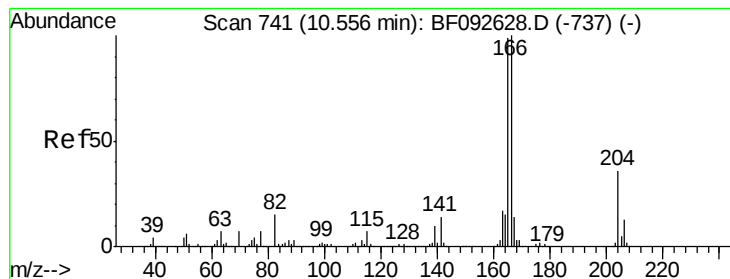
Tgt Ion:139 Resp: 292606
Ion Ratio Lower Upper
139 100
109 57.9 52.2 92.2
65 84.2 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 43.42 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:165 Resp: 265992
Ion Ratio Lower Upper
165 100
63 80.2 40.2 60.4#
89 95.3 62.5 93.7#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 49.65 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

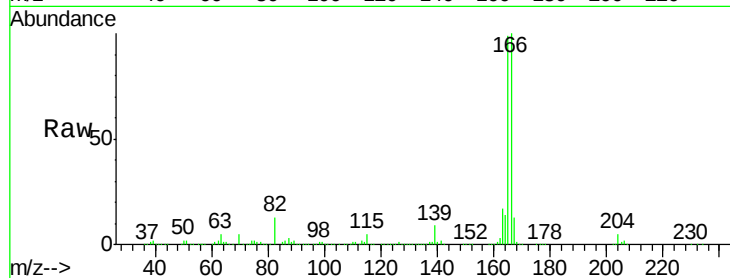
Tgt Ion:166 Resp: 945409

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

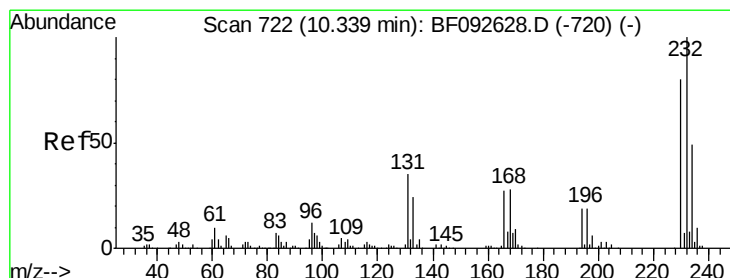
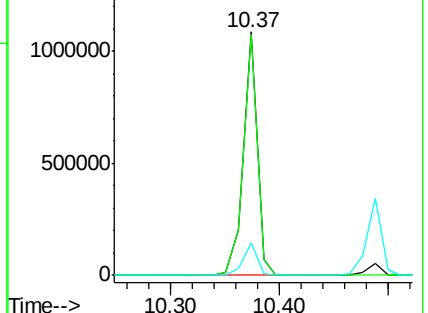
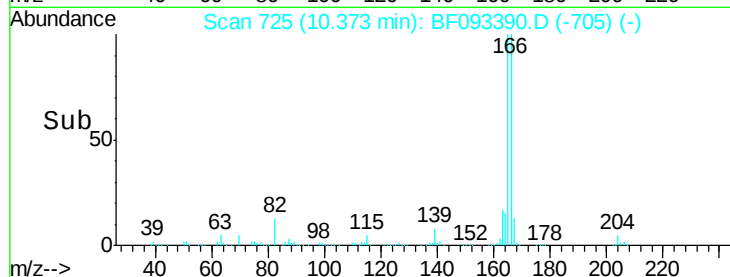
167 13.2 10.8 16.2



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: 52.20 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Tgt Ion:232 Resp: 222602

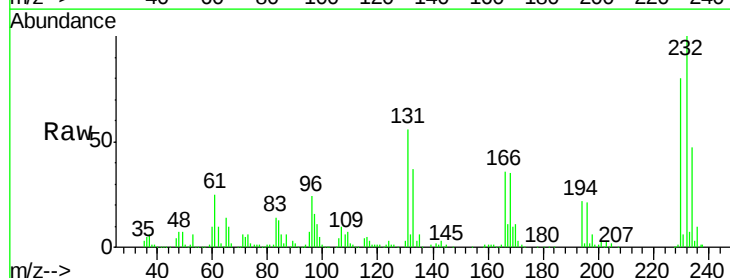
Ion Ratio Lower Upper

232 100

131 51.7 40.1 60.1

130 2.7 1.8 2.8

166 33.1 26.6 39.8

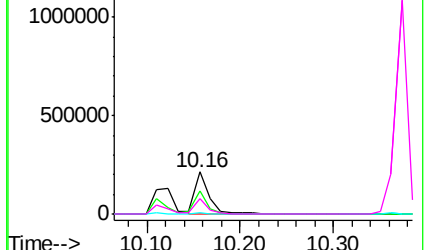
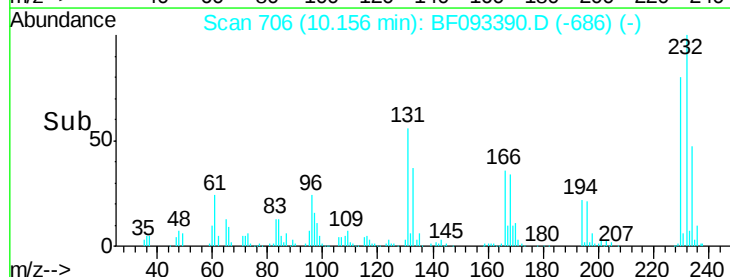


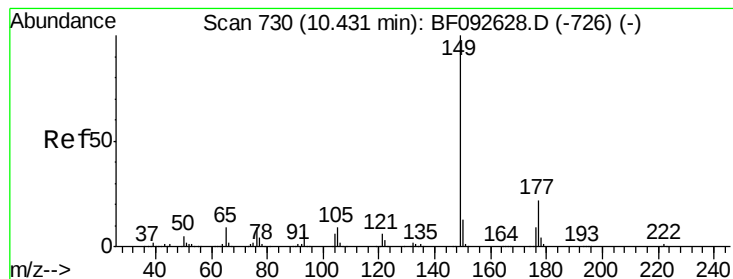
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.72 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

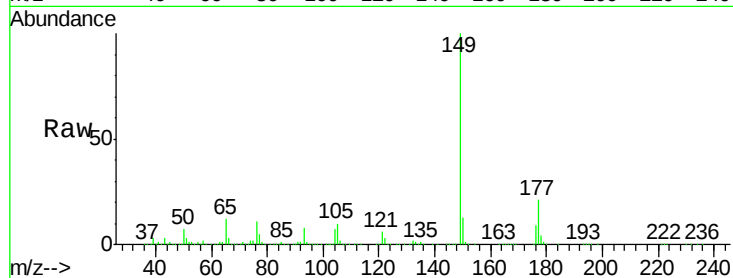
Tgt Ion:149 Resp: 1018291

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

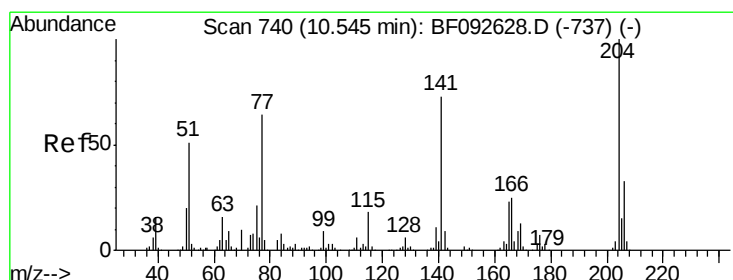
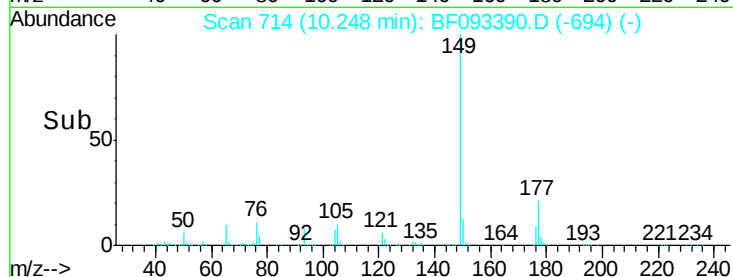
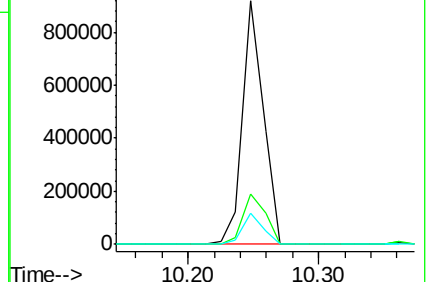
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.83 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

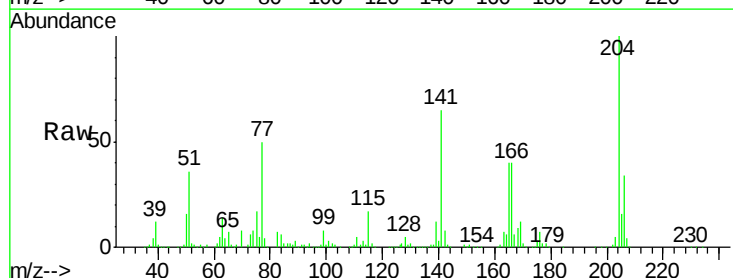
Tgt Ion:204 Resp: 419276

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

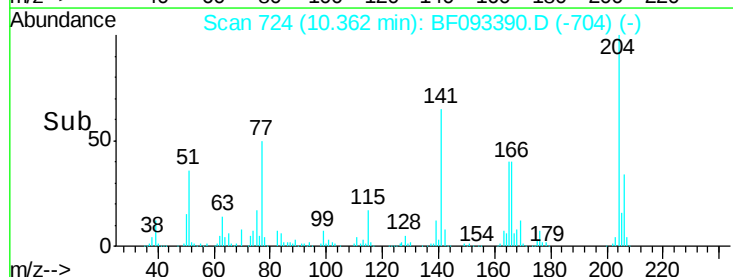
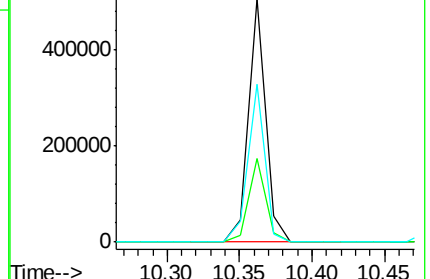
141 64.7 59.4 89.0

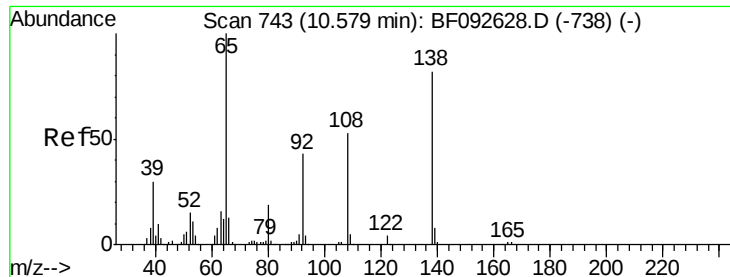


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

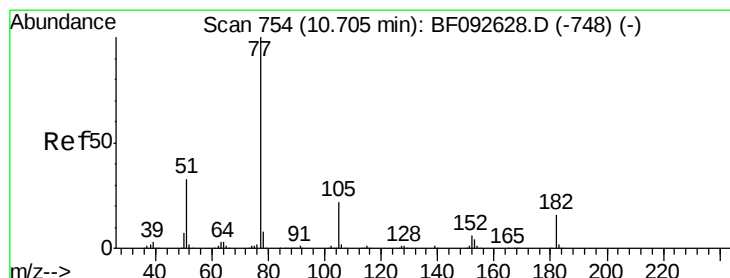
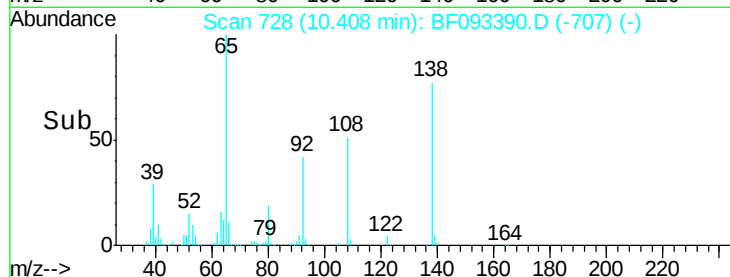
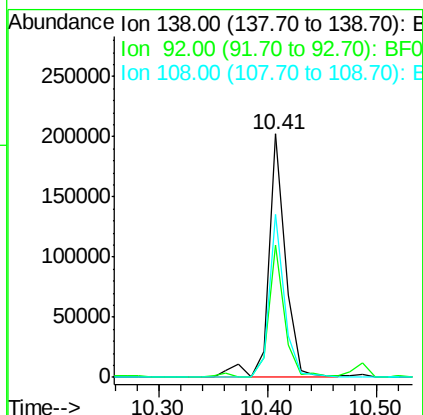
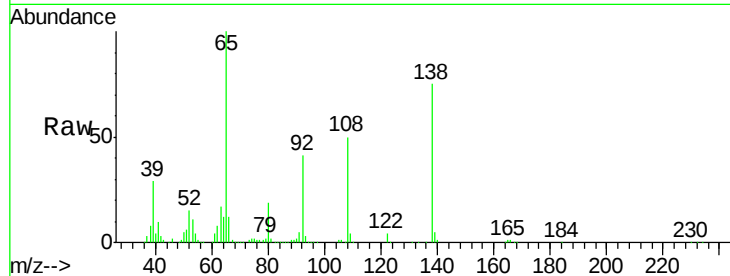




#61
4-Nitroaniline
Concen: 41.07 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.06 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

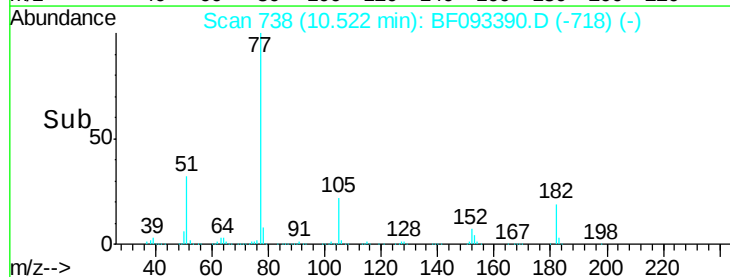
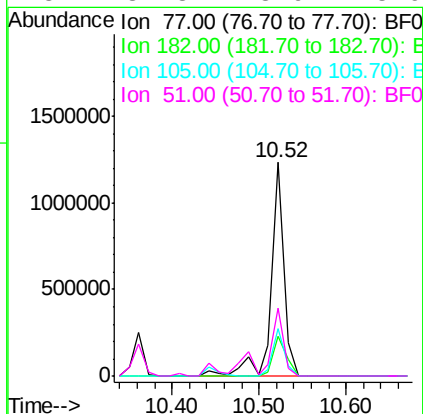
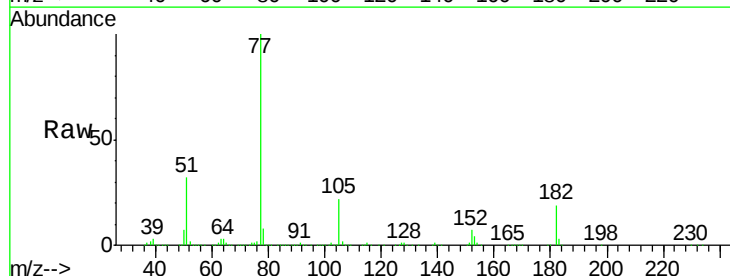
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

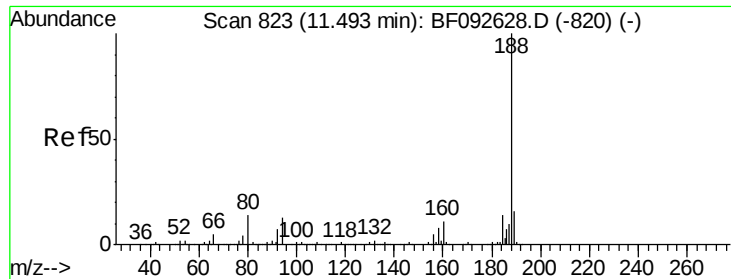
Tgt Ion:138 Resp: 221470
Ion Ratio Lower Upper
138 100
92 54.1 31.7 71.7
108 66.8 52.6 92.6



#62
Azobenzene
Concen: 60.10 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion: 77 Resp: 1246679
Ion Ratio Lower Upper
77 100
182 18.7 0.0 39.3
105 22.3 2.3 42.3
51 31.8 8.9 48.9

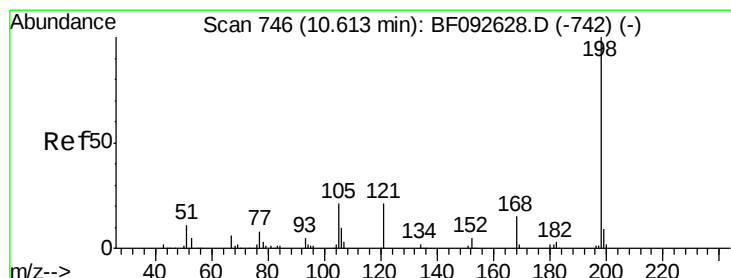
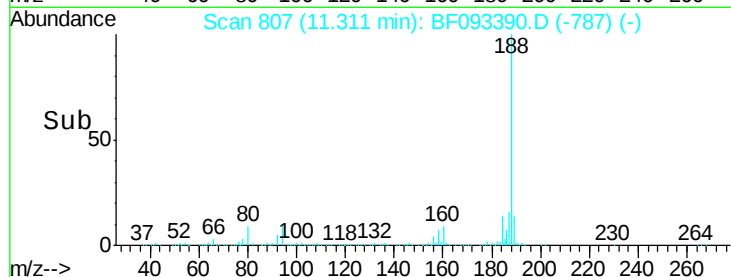
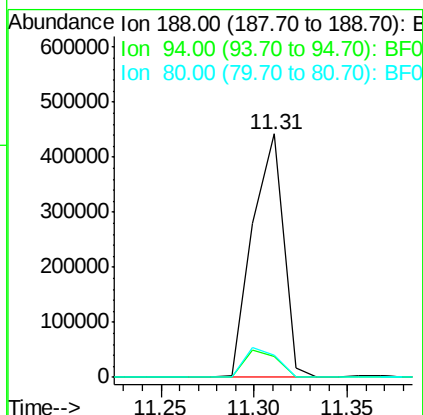
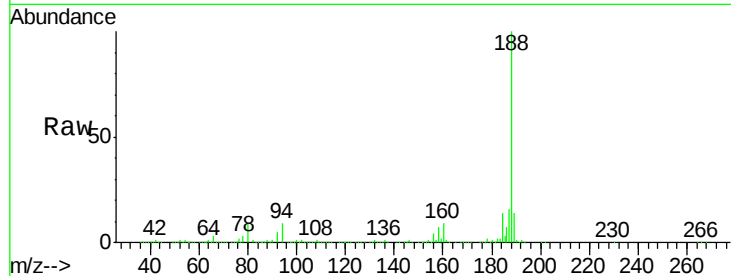




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

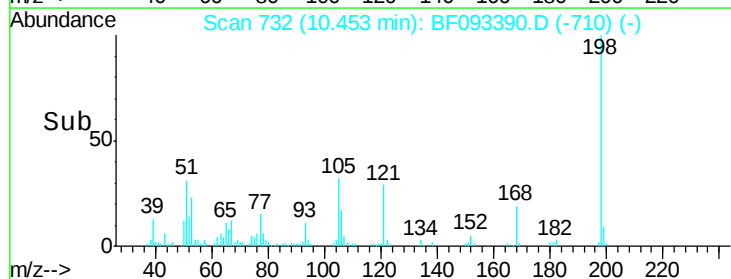
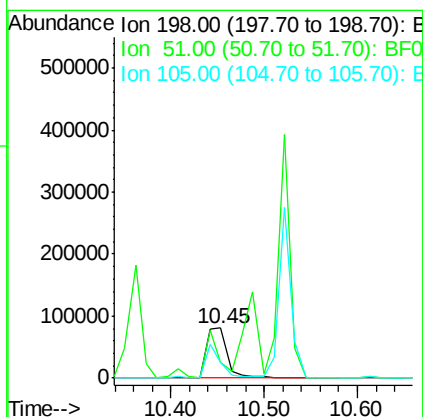
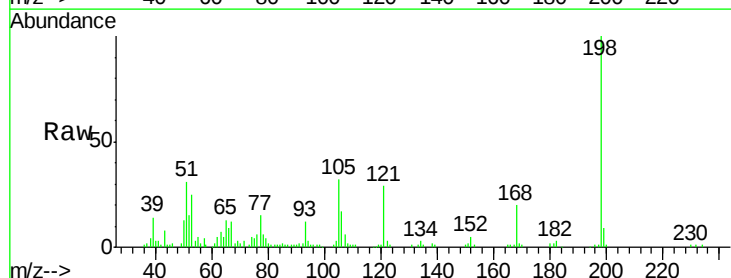
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

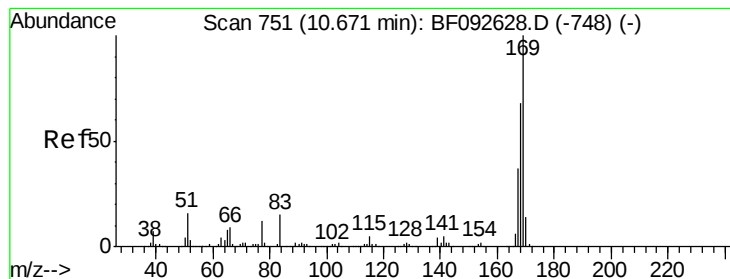
Tgt Ion:188 Resp: 509490
Ion Ratio Lower Upper
188 100
94 8.8 10.0 15.0#
80 9.3 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.35 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:198 Resp: 127030
Ion Ratio Lower Upper
198 100
51 31.4 6.7 46.7
105 32.0 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 51.93 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

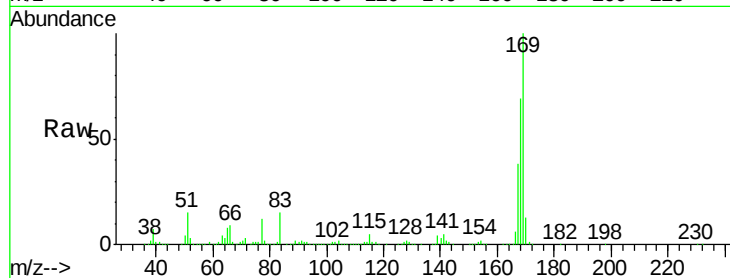
Tgt Ion:169 Resp: 845274

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

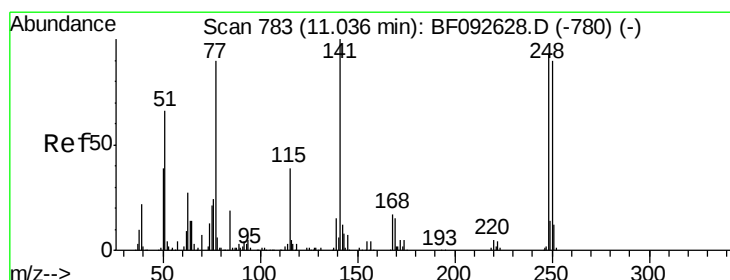
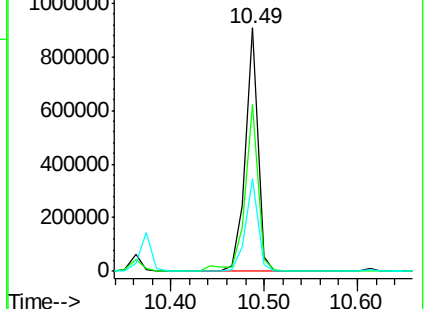
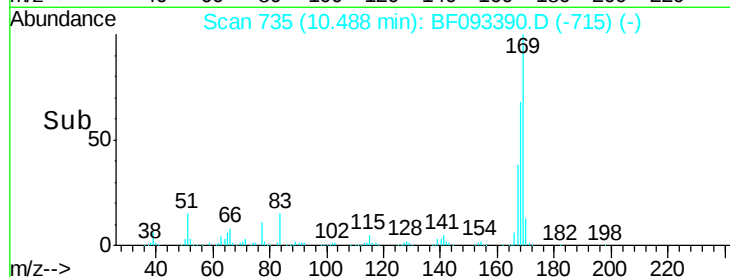
167 38.1 30.2 45.4



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: 50.47 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

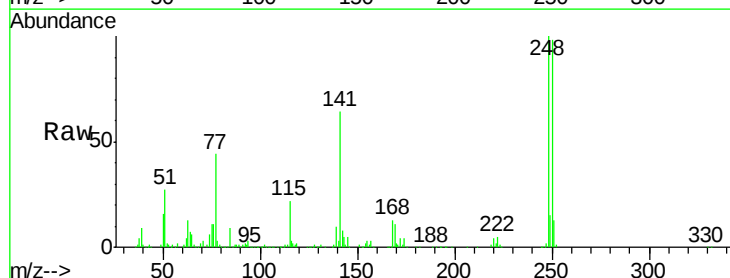
Tgt Ion:248 Resp: 268624

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

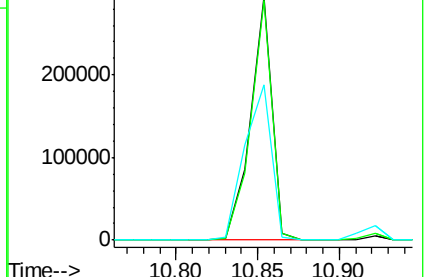
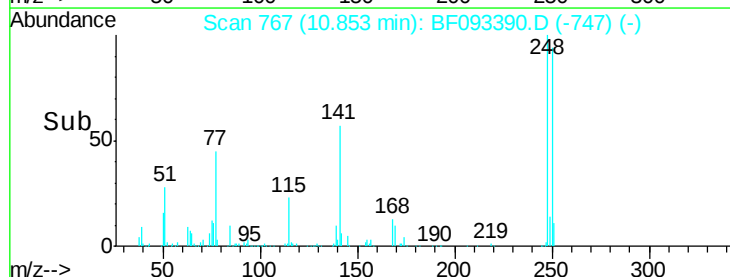
141 63.5 68.2 102.4#

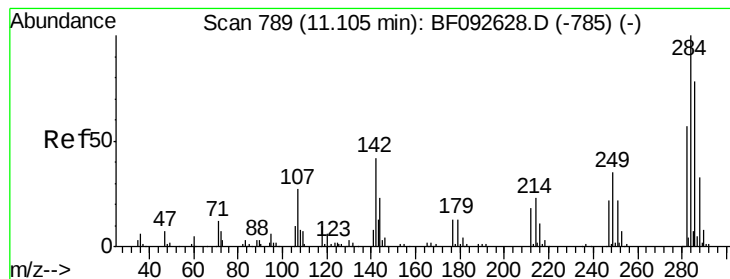


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.75 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

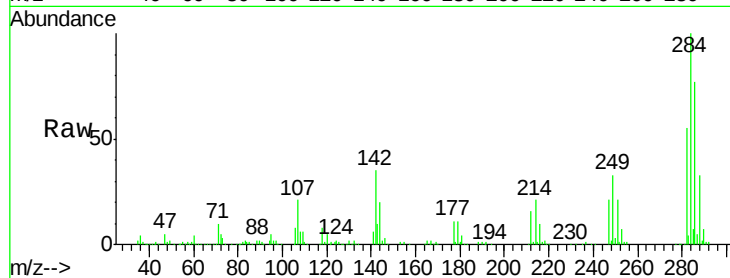
Tgt Ion:284 Resp: 245934

Ion Ratio Lower Upper

284 100

142 34.6 22.6 33.8#

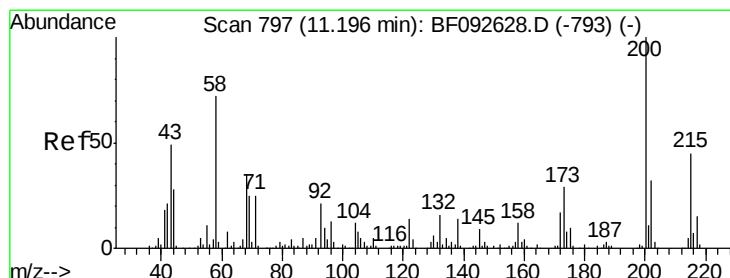
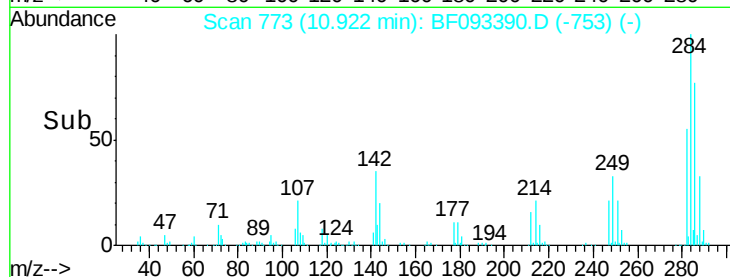
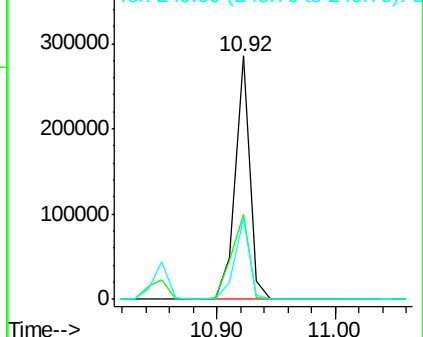
249 33.4 25.4 38.0



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: 46.46 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

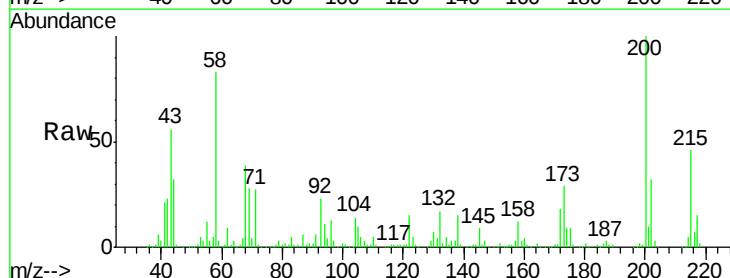
Tgt Ion:200 Resp: 242649

Ion Ratio Lower Upper

200 100

173 29.0 9.6 49.6

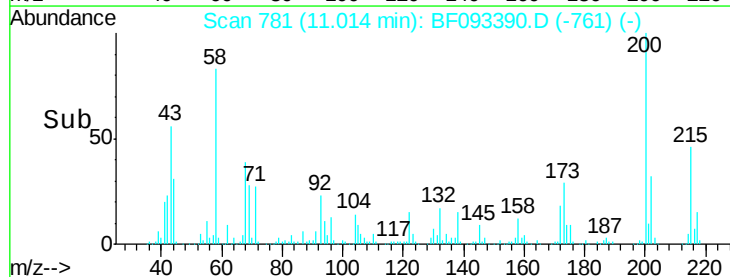
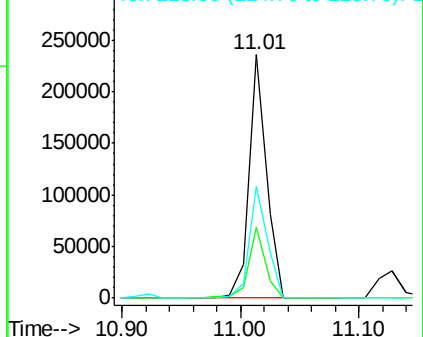
215 45.9 25.7 65.7

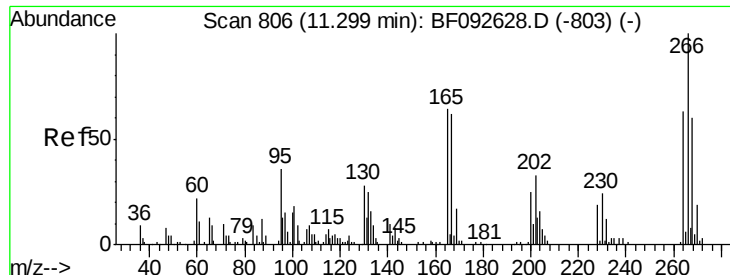


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

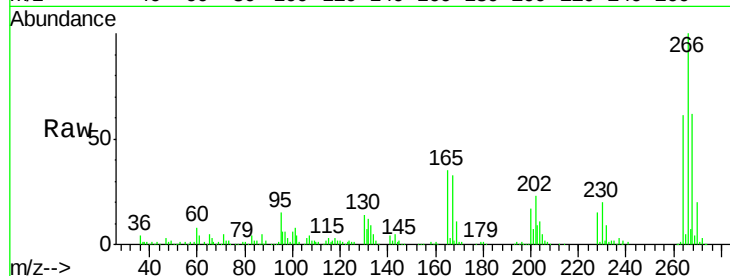




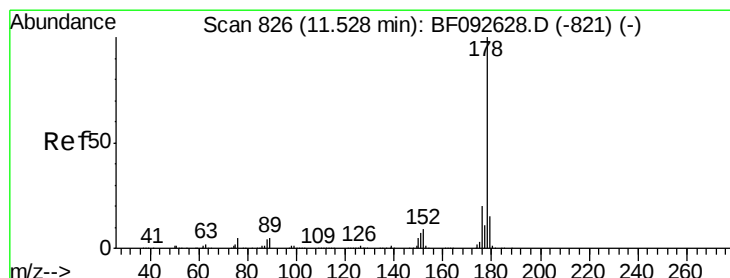
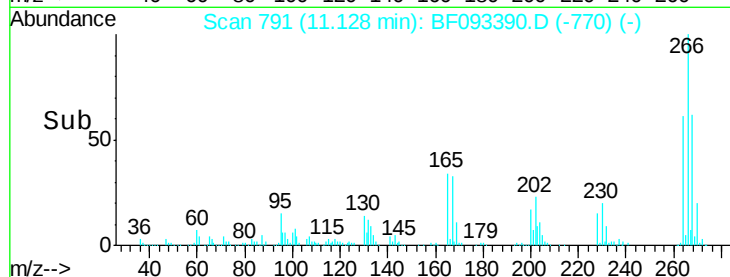
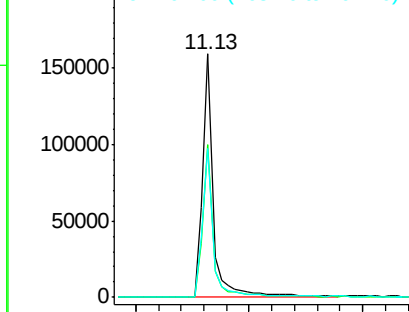
#69
Pentachlorophenol
 Concen: 75.99 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Tgt Ion:266 Resp: 205266
 Ion Ratio Lower Upper
 266 100
 268 62.5 53.3 79.9
 264 61.2 50.3 75.5

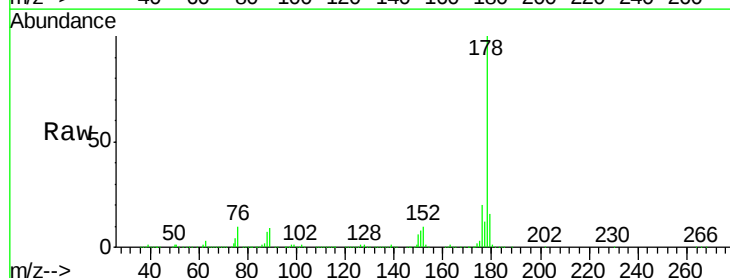


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

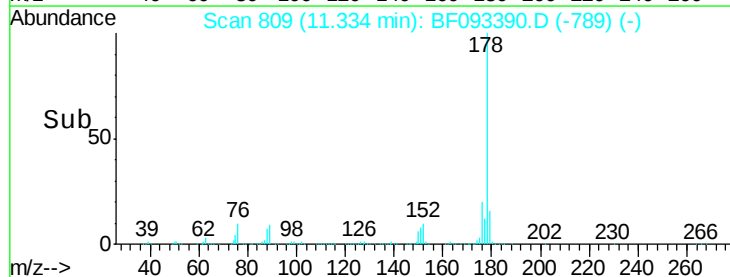
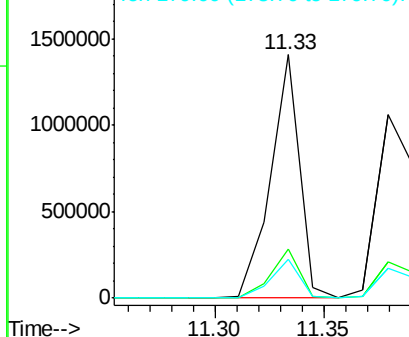


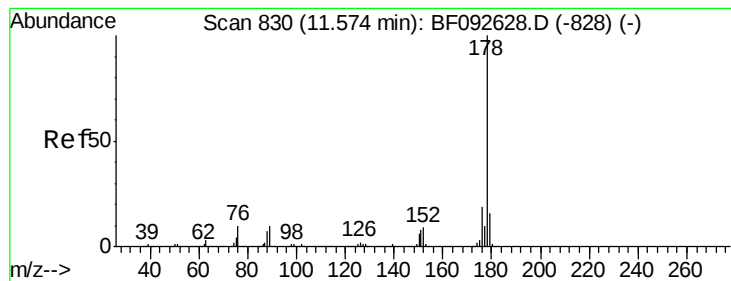
#70
Phenanthrene
 Concen: 45.13 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion:178 Resp: 1317260
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.7 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: 44.72 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

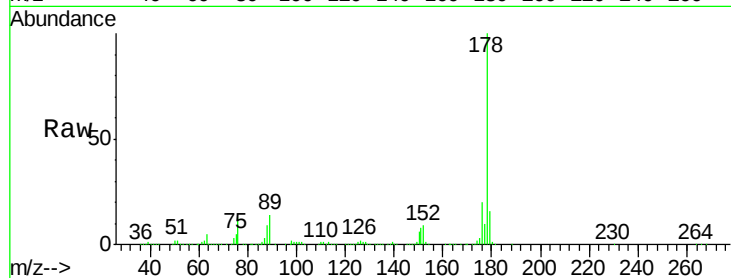
Tgt Ion:178 Resp: 1310854

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

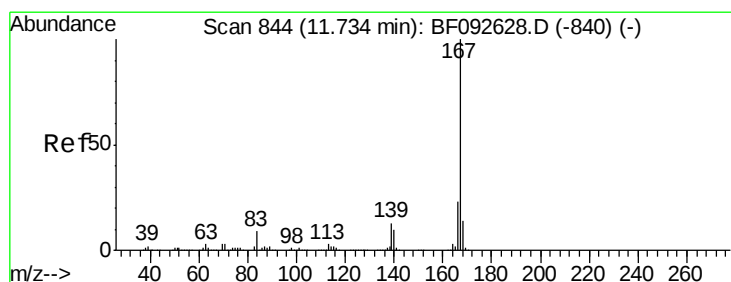
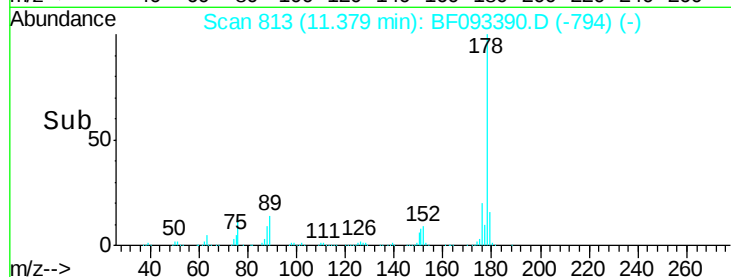
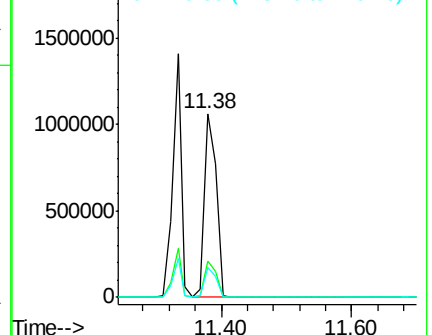
179 16.3 13.2 19.8



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: 41.09 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

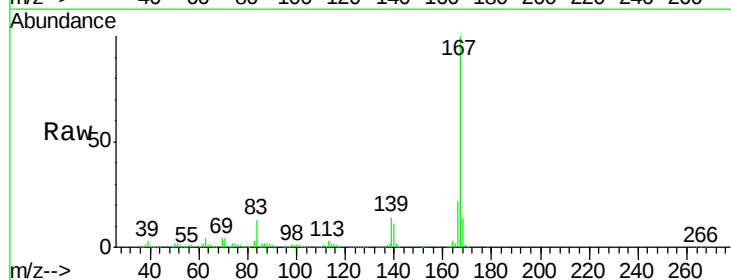
Tgt Ion:167 Resp: 1151323

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

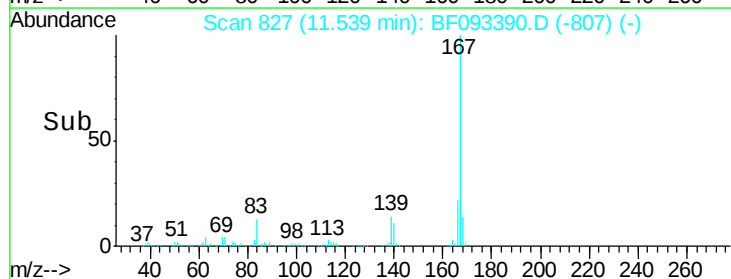
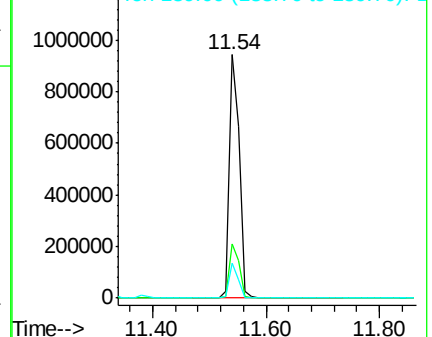
139 14.3 11.4 17.2

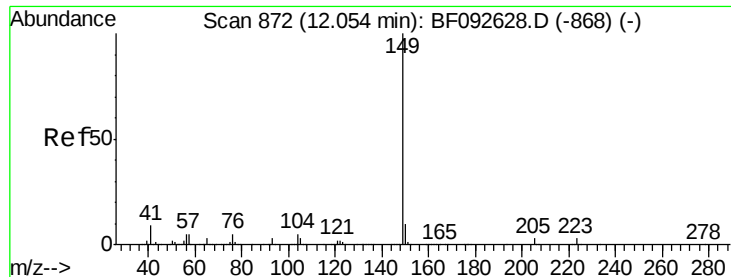


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.31 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

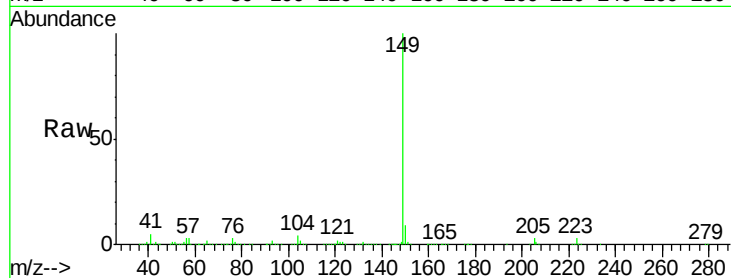
Tgt Ion:149 Resp: 1615365

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

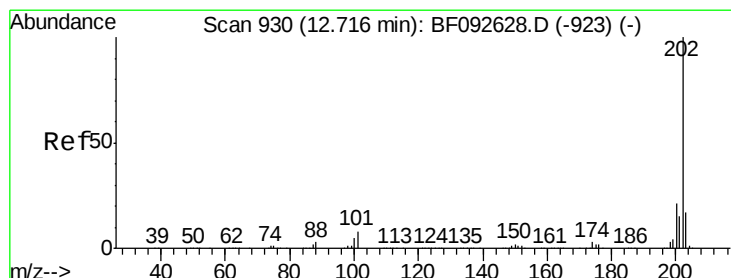
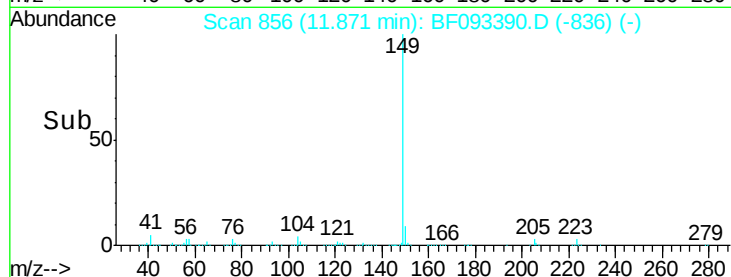
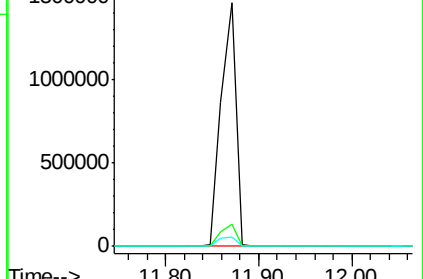
104 3.8 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.26 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

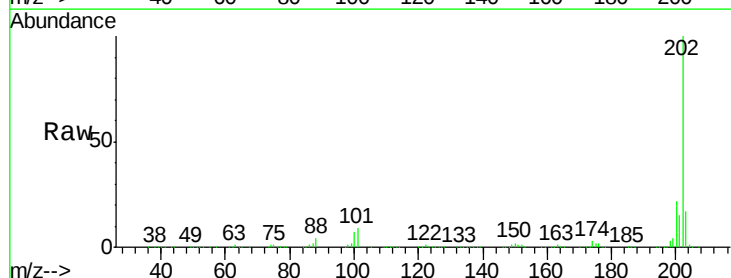
Tgt Ion:202 Resp: 1182077

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

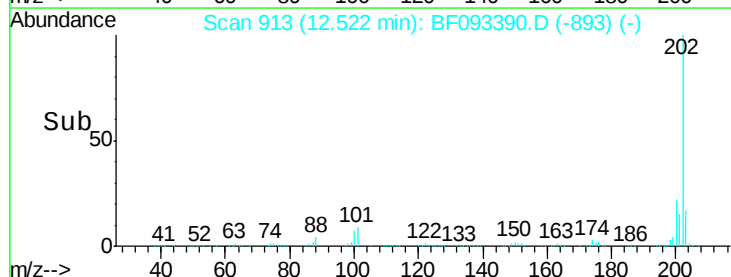
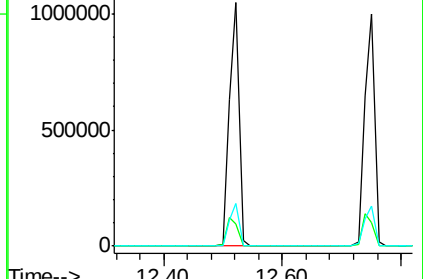
203 17.5 0.0 38.7

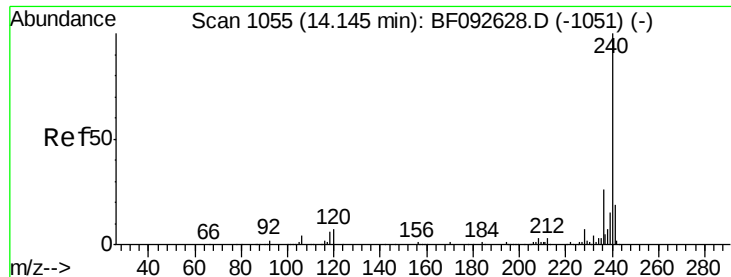


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

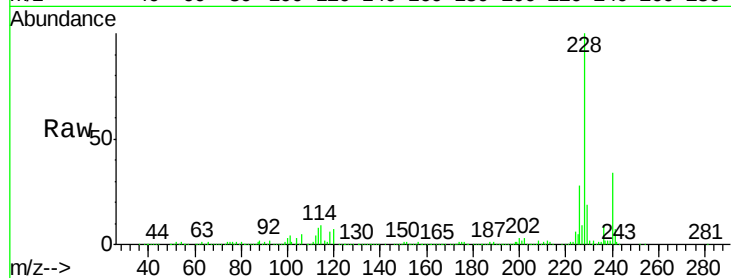
Tgt Ion:240 Resp: 303749

Ion Ratio Lower Upper

240 100

120 21.1 12.9 19.3#

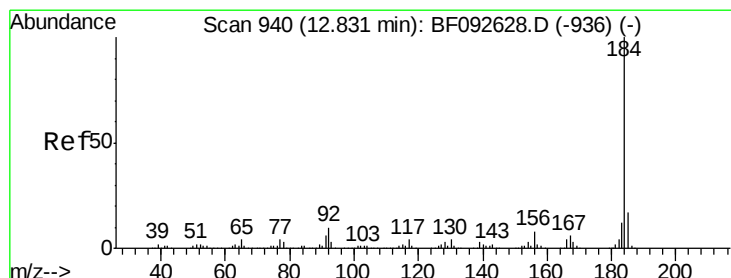
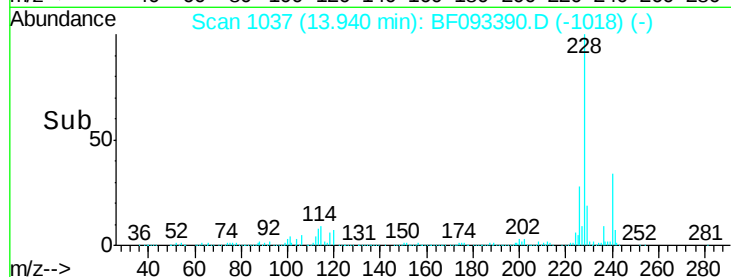
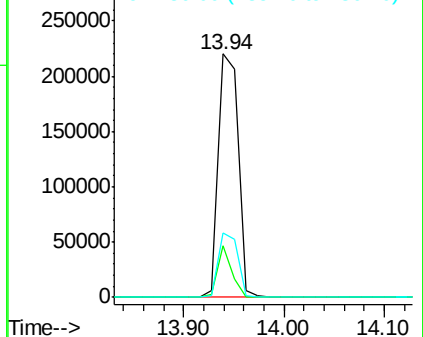
236 26.3 20.9 31.3



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: 28.72 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

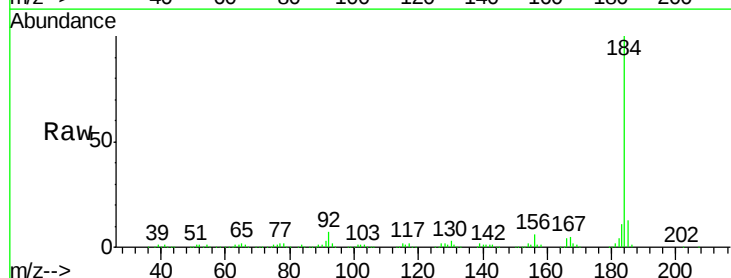
Tgt Ion:184 Resp: 371677

Ion Ratio Lower Upper

184 100

185 13.4 13.4 20.0

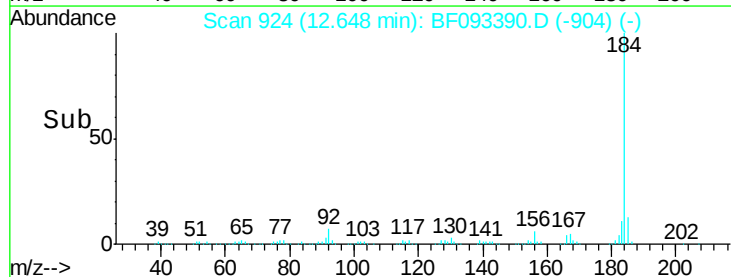
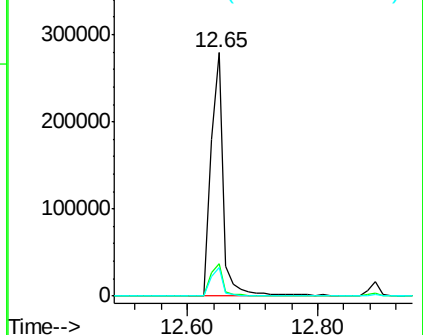
183 11.5 9.2 13.8

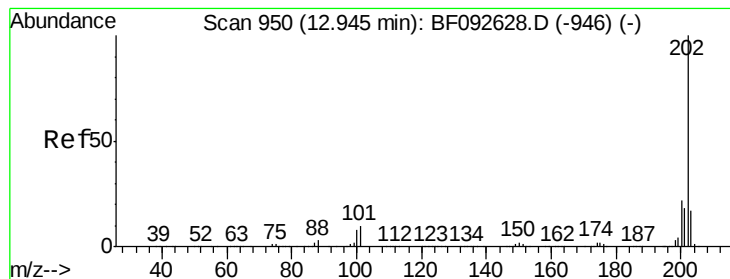


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.13 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.07 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-002-ABCDMSD

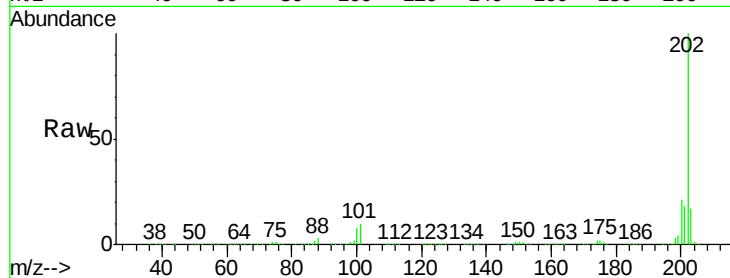
Tgt Ion:202 Resp: 1162350

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

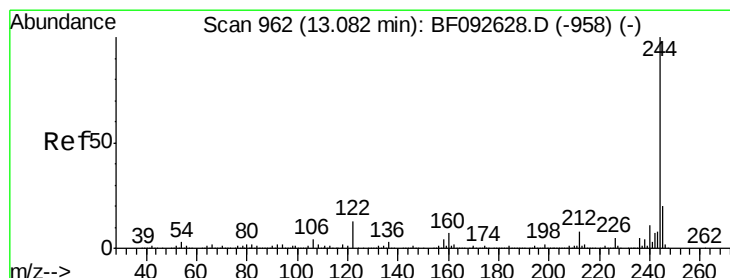
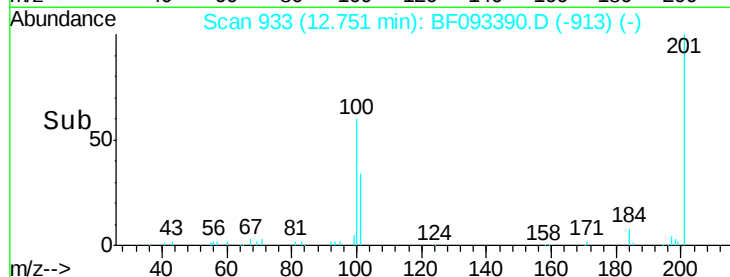
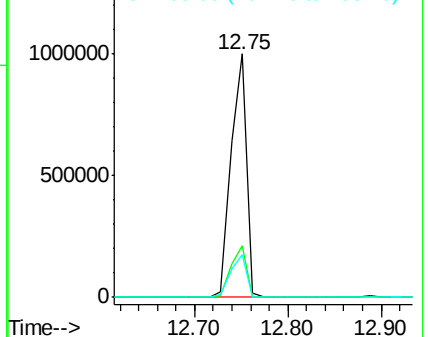
203 17.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.02 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF093390.D

Acq: 4 Mar 2017 7:32

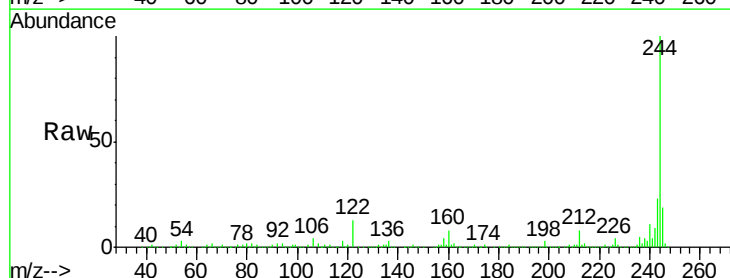
Tgt Ion:244 Resp: 1176661

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

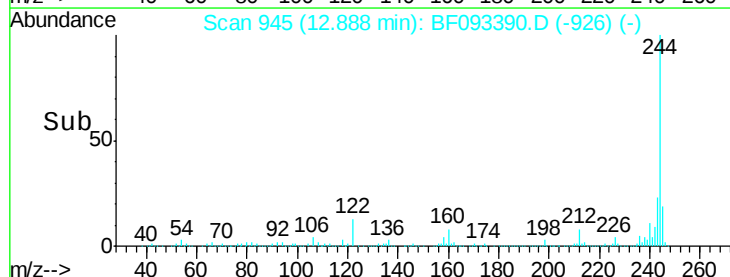
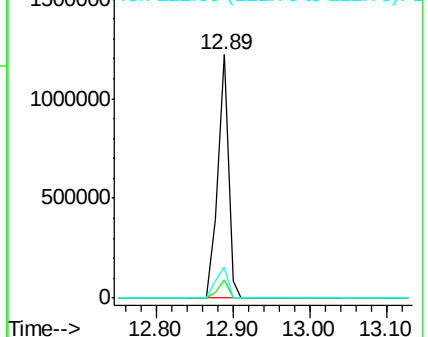
122 12.9 11.4 17.2

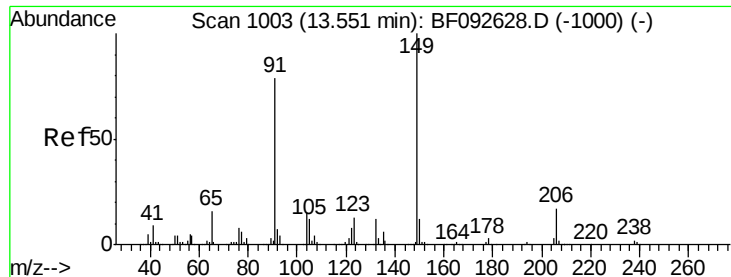


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

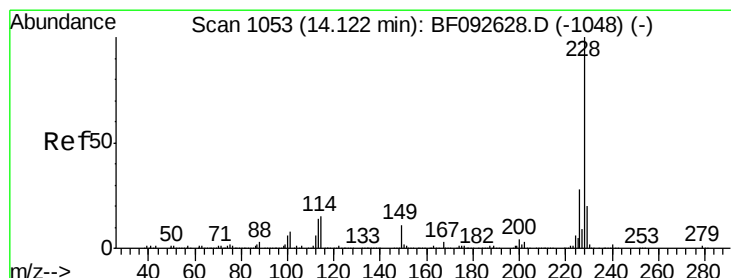
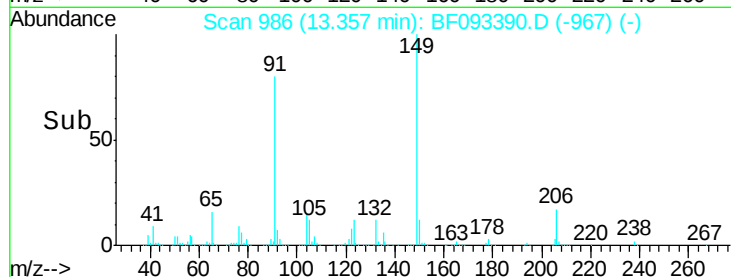
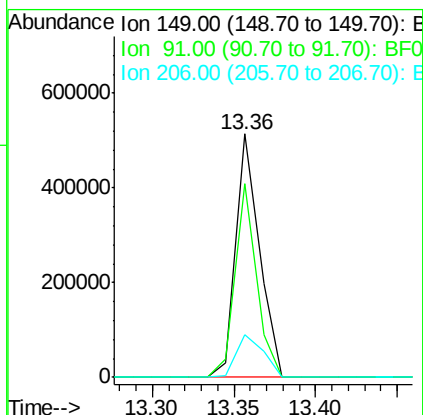
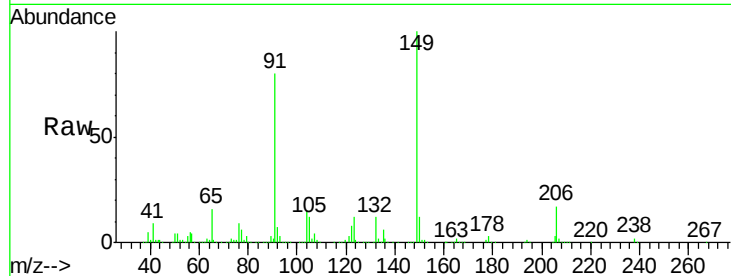




#79
Butylbenzylphthalate
Concen: 55.41 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.08 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

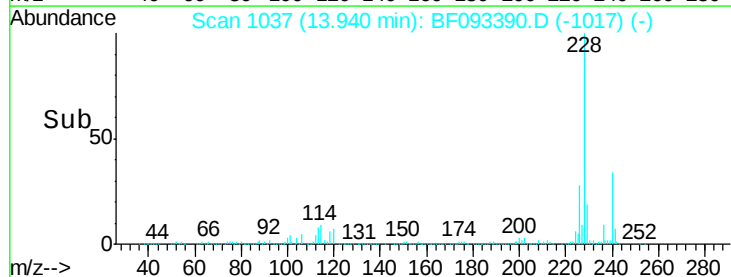
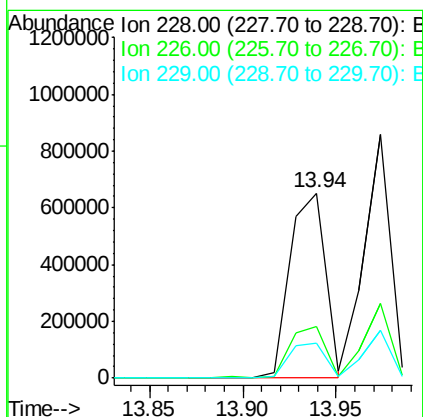
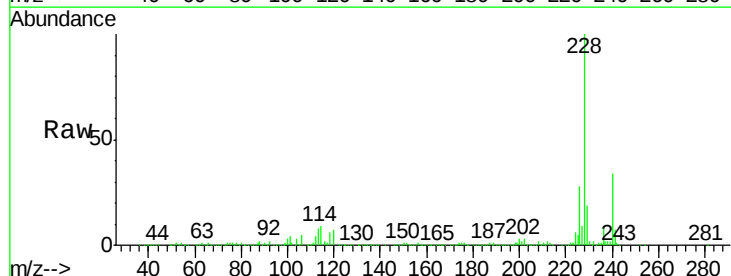
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

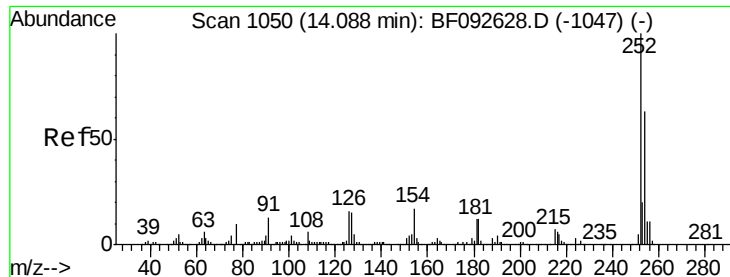
Tgt Ion:149 Resp: 511515
Ion Ratio Lower Upper
149 100
91 79.6 63.9 95.9
206 17.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 46.74 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.07 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:228 Resp: 868234
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.3 16.2 24.4

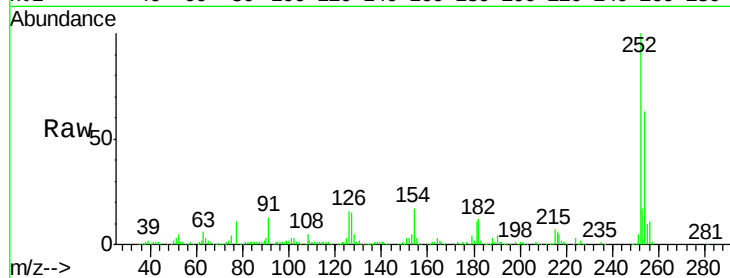




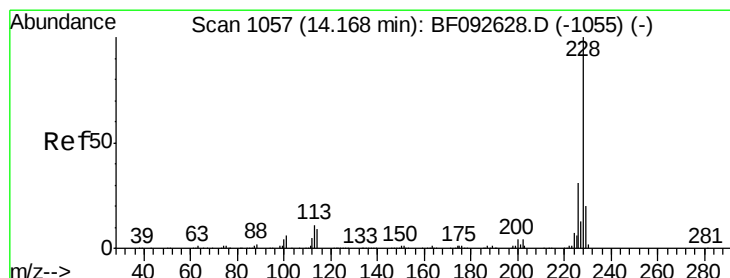
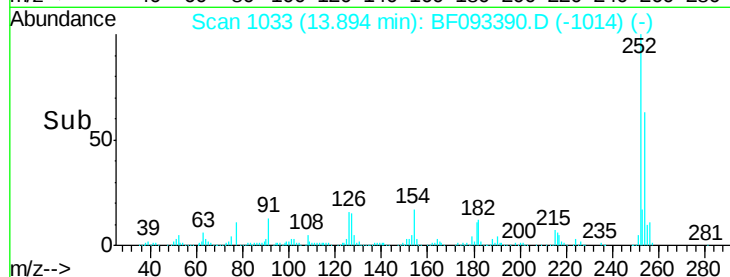
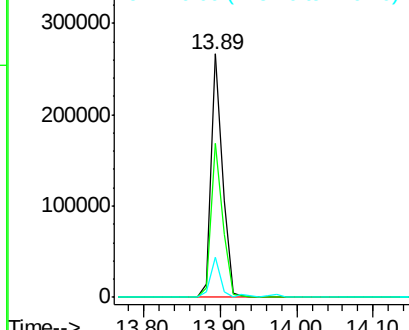
#81
 3,3'-Dichlorobenzidine
 Concen: 41.54 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.3	78.5
126	16.4	13.6	20.4

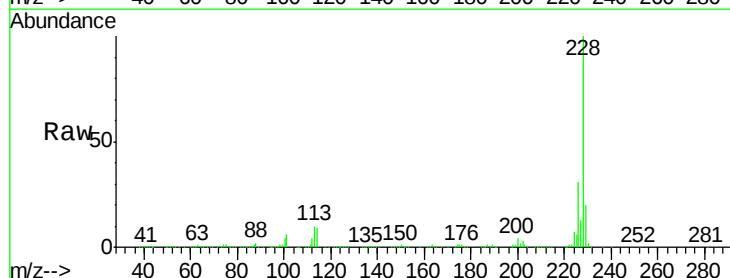


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

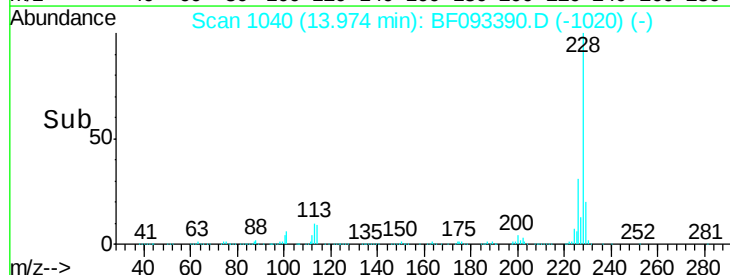
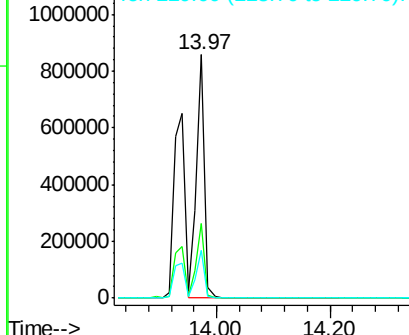


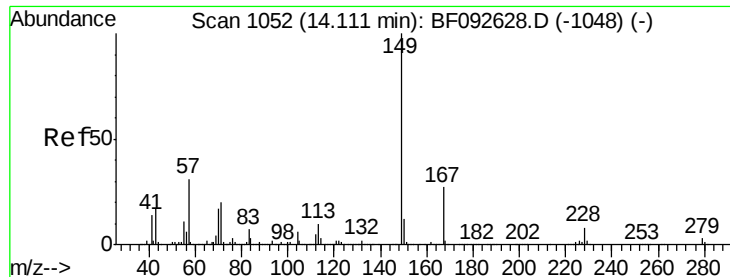
#82
 Chrysene
 Concen: 48.29 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.7	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

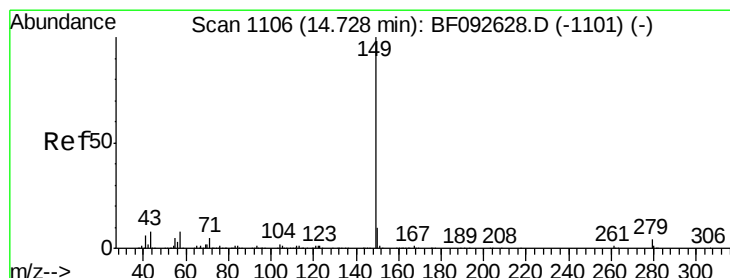
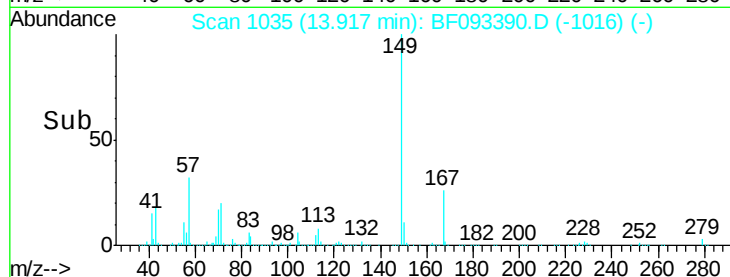
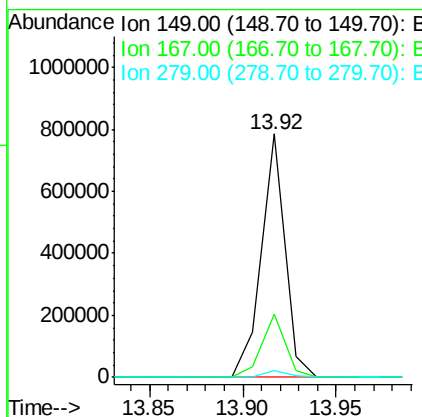
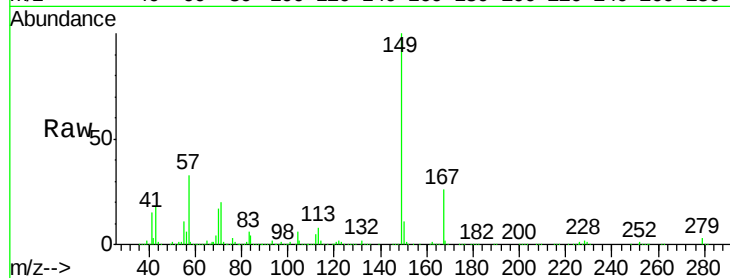




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.68 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.08 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

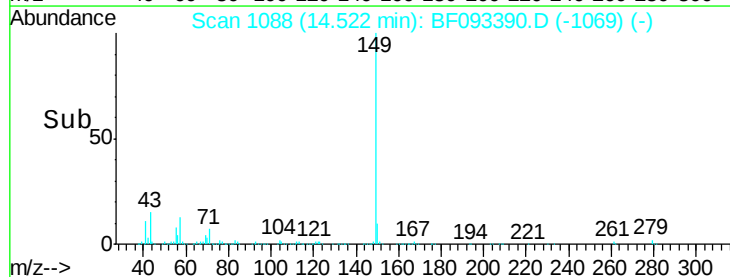
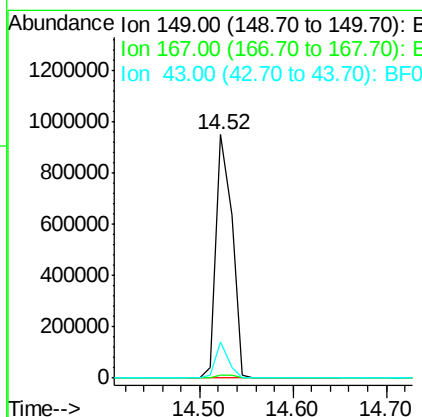
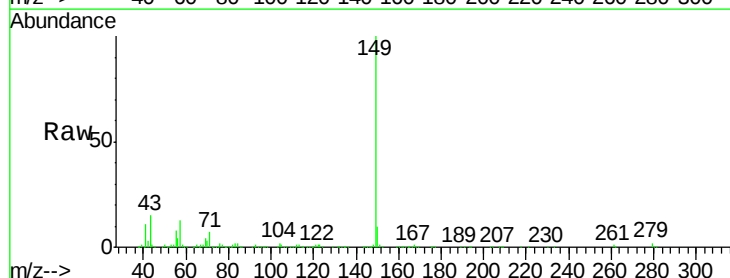
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

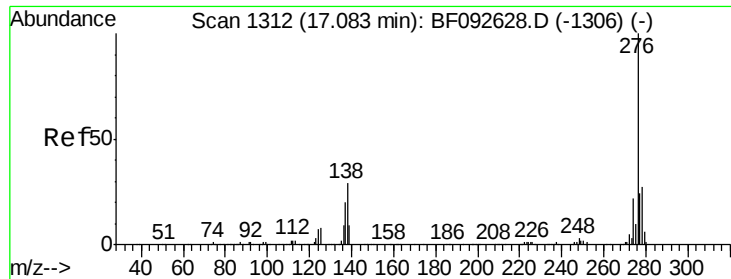
Tgt Ion:149 Resp: 690234
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 2.7 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 54.98 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.08 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion:149 Resp: 1130204
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.0 8.9 13.3

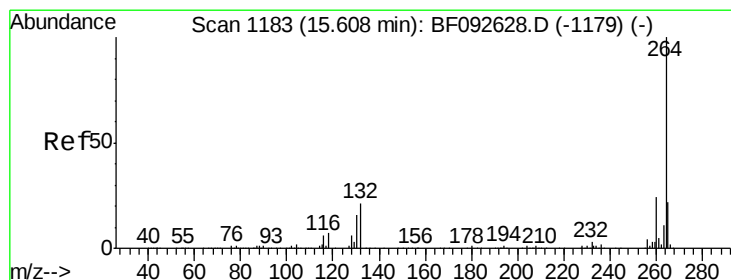
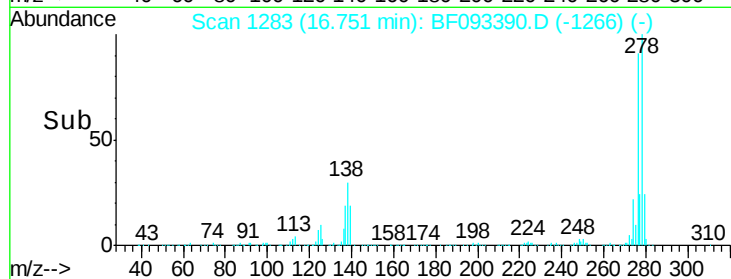
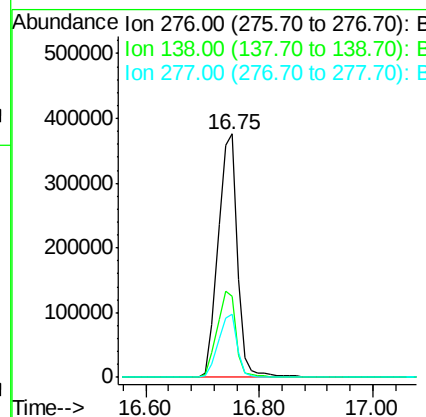
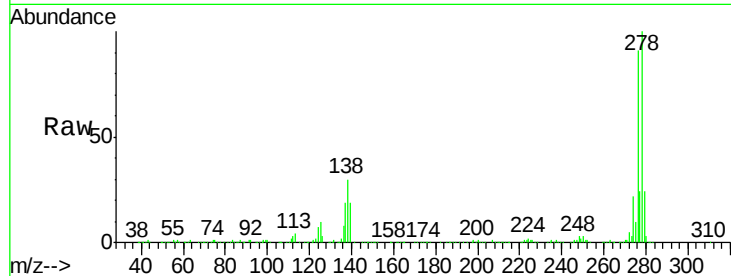




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.35 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.10 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

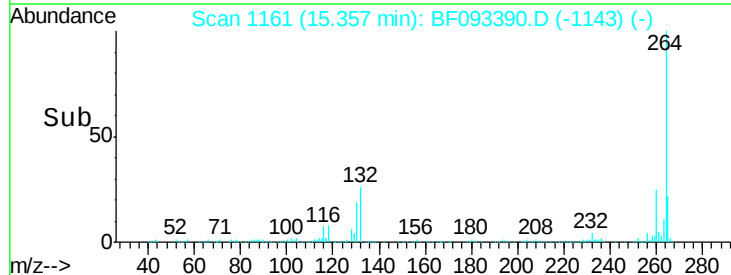
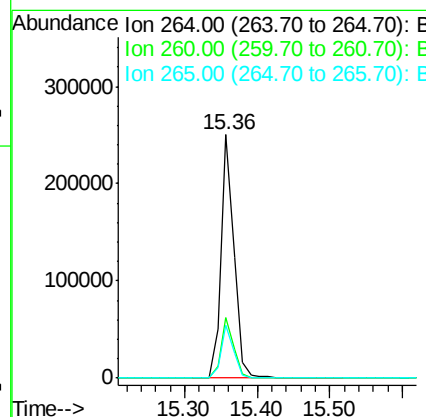
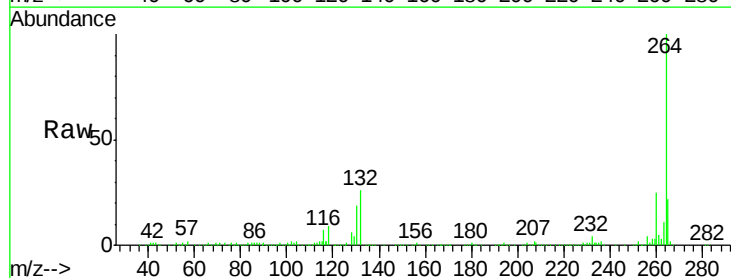
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

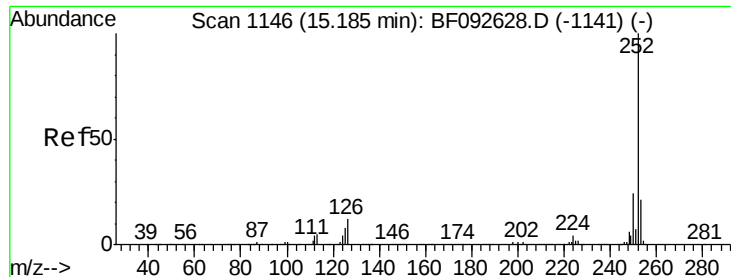
Tgt Ion: 276 Resp: 880472
 Ion Ratio Lower Upper
 276 100
 138 34.9 21.8 32.6#
 277 25.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Tgt Ion: 264 Resp: 310321
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 22.0 17.4 26.0

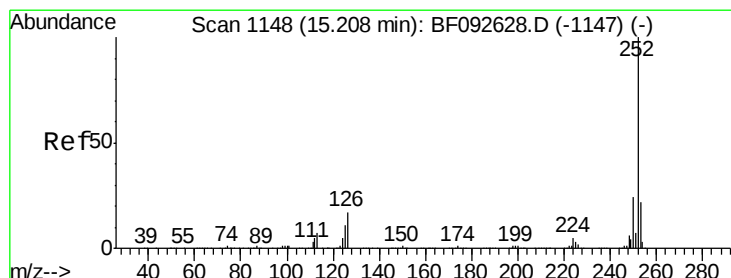
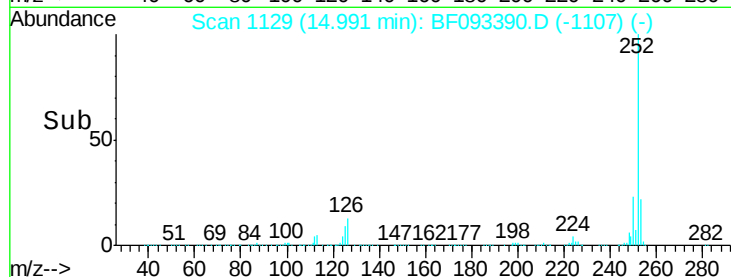
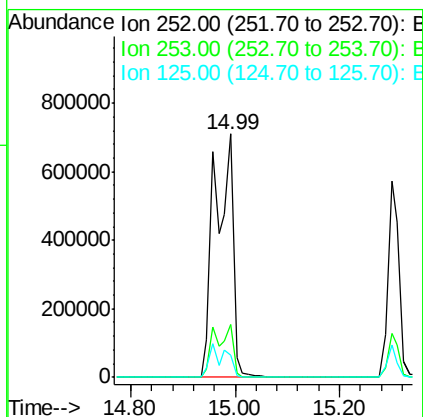
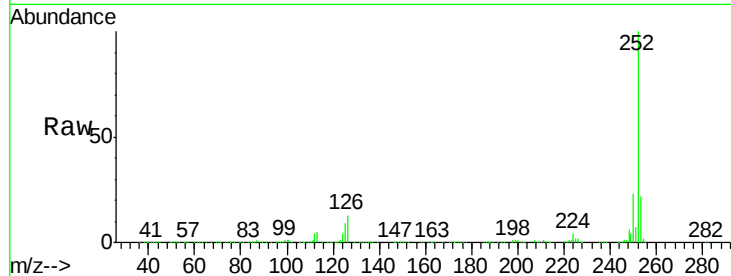




#87
Benzo(b)fluoranthene
Concen: 83.07 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

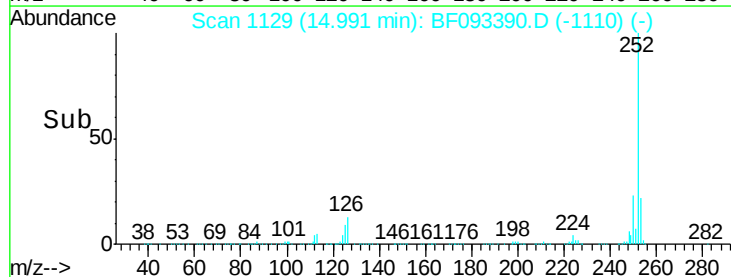
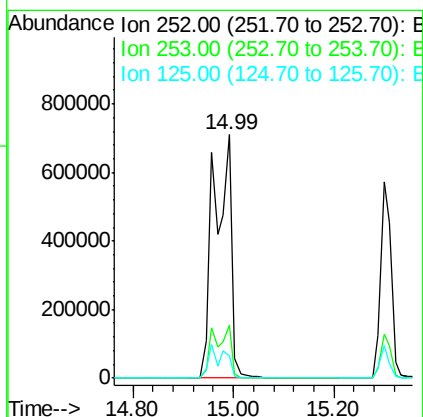
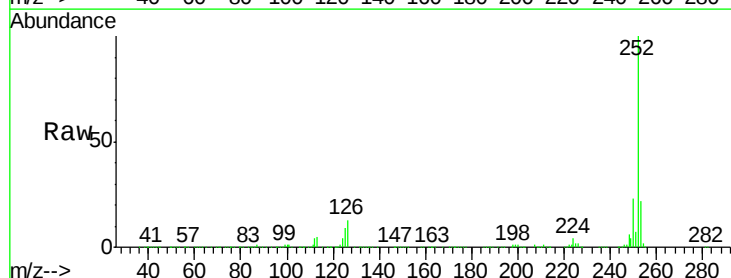
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

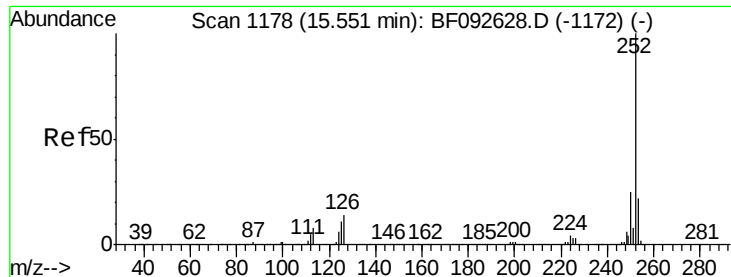
Tgt Ion:252 Resp: 1696760
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.0 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 96.23 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion:252 Resp: 1697061
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.0 8.9 13.3

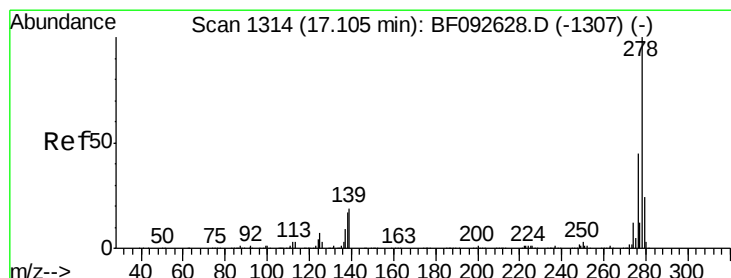
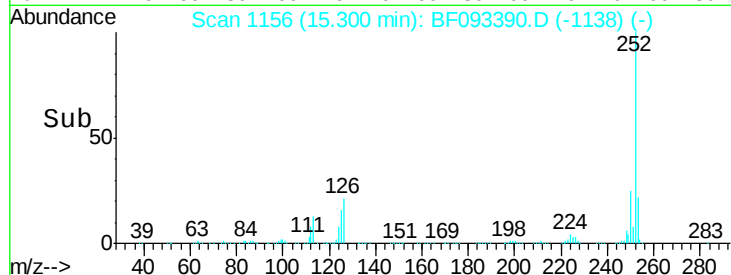
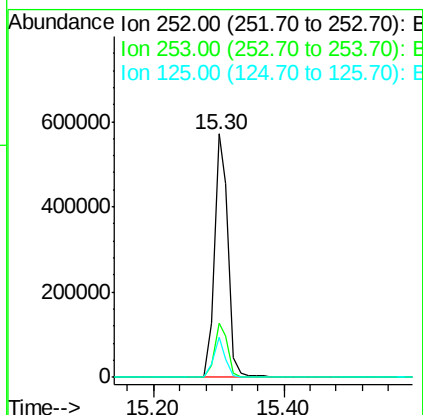
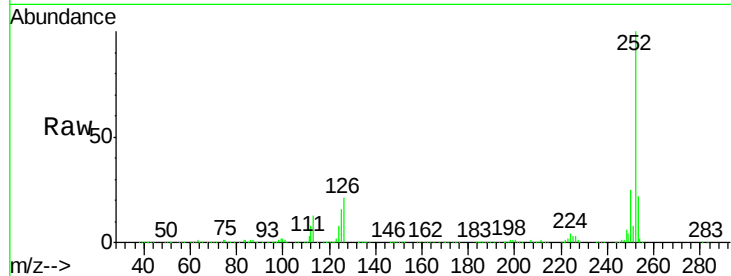




#89
Benzo(a)pyrene
Concen: 47.47 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.09 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

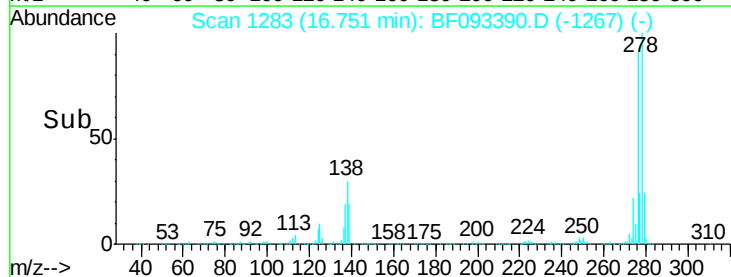
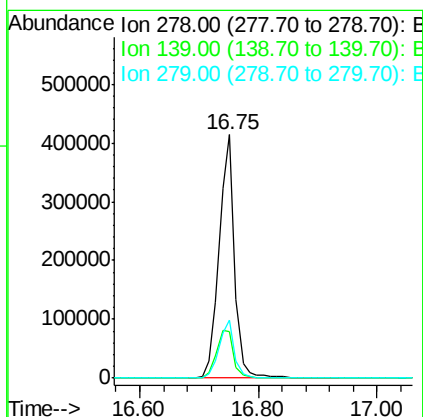
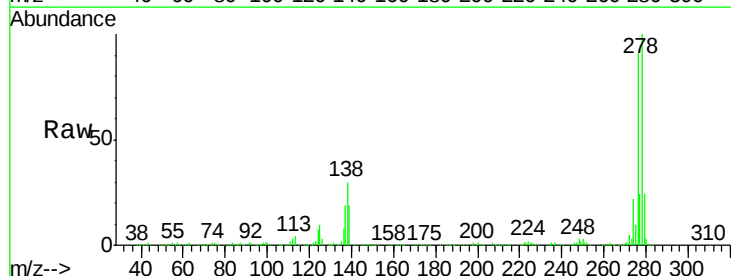
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

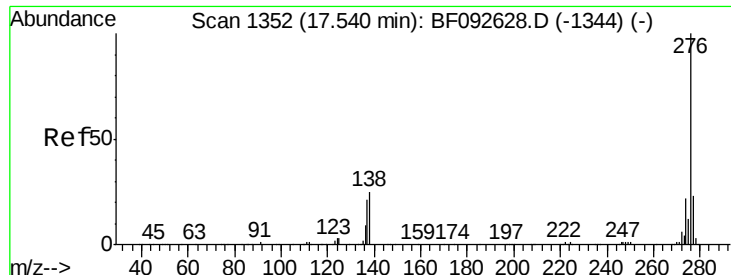
Tgt Ion: 252 Resp: 838729
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 16.3 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 52.53 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF093390.D
Acq: 4 Mar 2017 7:32

Tgt Ion: 278 Resp: 750080
Ion Ratio Lower Upper
278 100
139 19.2 14.8 22.2
279 24.0 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 53.03 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.14 min
 Lab File: BF093390.D
 Acq: 4 Mar 2017 7:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-002-ABCDMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	30.9	16.0	24.0

