

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093773.D
 Acq On : 20 Mar 2017 19:25
 Operator : SJ/MA
 Sample : I2304-11MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Quant Time: Mar 21 01:04:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	224739	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	923648	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	398045	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	627510	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	316899	20.00	ng	-0.02
86) Perylene-d12	15.39	264	354263	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1765637	137.39	ng	0.00
7) Phenol-d6	6.48	99	2175764	137.01	ng	0.00
23) Nitrobenzene-d5	7.41	82	1478661	90.82	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	368235	119.44	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1857584	78.47	ng	-0.01
78) Terphenyl-d14	12.94	244	1381299	88.87	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	263332	40.44	ng	99
3) Pyridine	3.19	79	744646	42.68	ng	97
4) n-Nitrosodimethylamine	3.14	42	375275	49.88	ng	93
6) Aniline	6.49	93	663227	29.87	ng	# 1
8) 2-Chlorophenol	6.63	128	731715	51.76	ng	89
9) Benzaldehyde	6.38	77	346444	30.86	ng	98
10) Phenol	6.49	94	1079660	60.48	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	723762	49.93	ng	96
12) 1,3-Dichlorobenzene	6.78	146	723104	45.10	ng	98
13) 1,4-Dichlorobenzene	6.86	146	796616	48.70	ng	98
14) 1,2-Dichlorobenzene	7.01	146	651333	43.41	ng	99
15) Benzyl Alcohol	6.98	79	651268	55.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1059940	46.00	ng	100
17) 2-Methylphenol	7.10	107	607890	49.00	ng	98
18) Hexachloroethane	7.36	117	275100	47.44	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	510224	49.04	ng	94
20) 3+4-Methylphenols	7.26	107	727239	49.51	ng	90
22) Acetophenone	7.25	105	954171	47.71	ng	99
24) Nitrobenzene	7.42	77	673235	43.28	ng	97
25) Isophorone	7.67	82	1451398	50.32	ng	# 93
26) 2-Nitrophenol	7.74	139	381924	54.29	ng	93
27) 2,4-Dimethylphenol	7.78	122	720302	49.79	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	854819	46.06	ng	99
29) 2,4-Dichlorophenol	7.98	162	590153	47.92	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	606934	47.46	ng	99
31) Naphthalene	8.15	128	2095659	48.88	ng	99
32) Benzoic acid	7.84	122	30435	3.38	ng	89
33) 4-Chloroaniline	8.18	127	333368	18.09	ng	100
34) Hexachlorobutadiene	8.28	225	315632	46.93	ng	99
35) Caprolactam	8.56	113	113765	29.43	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	602295	47.20	ng	85
37) 2-Methylnaphthalene	8.84	142	1255796	44.87	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	505365	47.94	ng	98
40) Hexachlorocyclopentadiene	9.00	237	305114	57.37	ng	99

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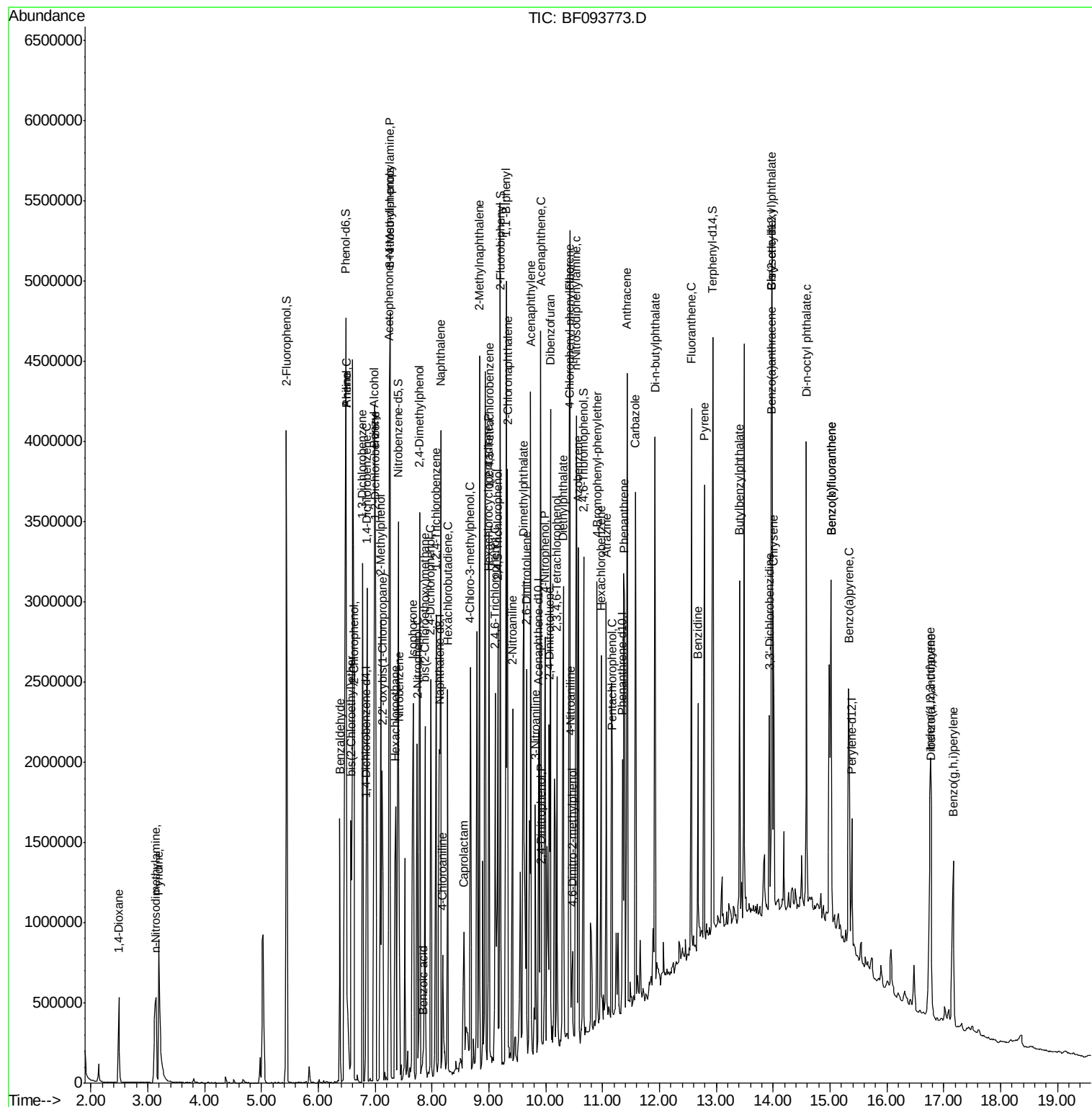
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	411348	53.75	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	403069	50.74	nq	95
45) 1,1'-Biphenyl	9.30	154	1514714	46.82	nq	99
46) 2-Chloronaphthalene	9.33	162	1243233	50.12	nq	96
47) 2-Nitroaniline	9.42	65	421958	60.91	nq	# 77
48) Acenaphthylene	9.74	152	1790105	44.35	nq	99
49) Dimethylphthalate	9.61	163	1735274	61.26	nq	# 99
50) 2,6-Dinitrotoluene	9.66	165	295618	47.53	nq	# 79
51) Acenaphthene	9.91	154	1002298	41.57	nq	99
52) 3-Nitroaniline	9.82	138	217335	29.11	nq	100
53) 2,4-Dinitrophenol	9.92	184	39904	16.35	nq	# 1
54) Dibenzofuran	10.08	168	1507203	46.45	nq	97
55) 4-Nitrophenol	9.99	139	533377	95.12	nq	# 68
56) 2,4-Dinitrotoluene	10.06	165	385271	48.80	nq	# 73
57) Fluorene	10.42	166	1107676	44.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	272596	49.95	nq	97
59) Diethylphthalate	10.31	149	1464253	53.04	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	483063	46.12	nq	98
61) 4-Nitroaniline	10.44	138	280667	42.03	nq	91
62) Azobenzene	10.57	77	1344231	49.23	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	107626	29.60	nq	# 51
65) n-Nitrosodiphenylamine	10.54	169	1169686	55.91	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	306835	50.80	nq	97
67) Hexachlorobenzene	10.97	284	306579	49.22	nq	# 89
68) Atrazine	11.06	200	331912	51.69	nq	96
69) Pentachlorophenol	11.17	266	329651	90.50	nq	99
70) Phenanthrene	11.38	178	1641587	49.12	nq	99
71) Anthracene	11.43	178	1567713	45.56	nq	100
72) Carbazole	11.58	167	1466114	43.04	nq	99
73) Di-n-butylphthalate	11.92	149	1821556	49.68	nq	99
74) Fluoranthene	12.56	202	1436488	41.82	nq	99
76) Benzidine	12.68	184	522303	37.57	nq	95
77) Pyrene	12.79	202	1461154	55.41	nq	100
79) Butylbenzylphthalate	13.41	149	662919	56.24	nq	# 73
80) Benzo(a)anthracene	13.97	228	963978	48.56	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	250732	33.52	nq	# 97
82) Chrysene	14.00	228	907797	45.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	830267	58.48	nq	# 99
84) Di-n-octyl phthalate	14.59	149	1484361	57.30	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1025543	63.15	nq	99
87) Benzo(b)fluoranthene	15.02	252	1921095	80.44	nq	98
88) Benzo(k)fluoranthene	15.02	252	1921095	108.94	nq	96
89) Benzo(a)pyrene	15.33	252	945467	48.82	nq	# 95
90) Dibenzo(a,h)anthracene	16.78	278	867688	53.96	nq	98
91) Benzo(g,h,i)perylene	17.17	276	826322	51.77	nq	99

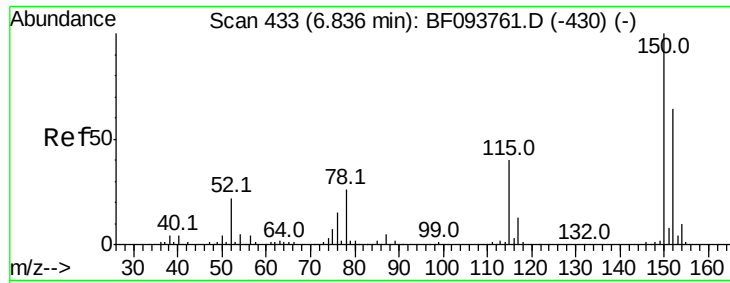
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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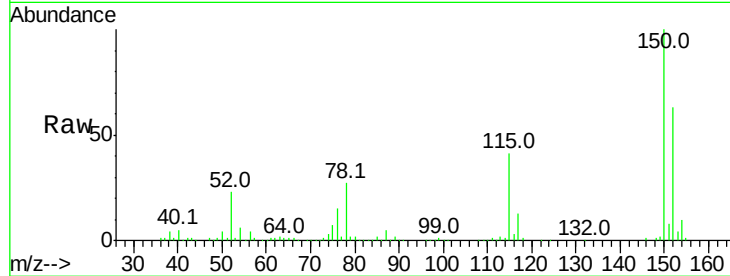


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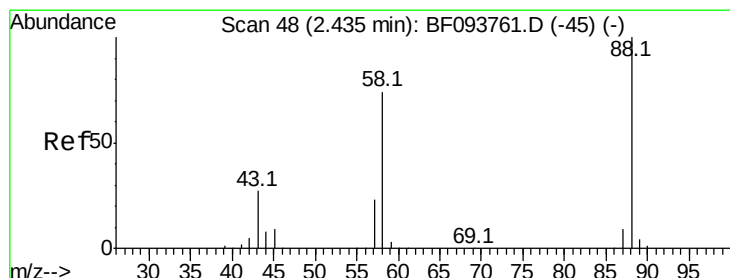
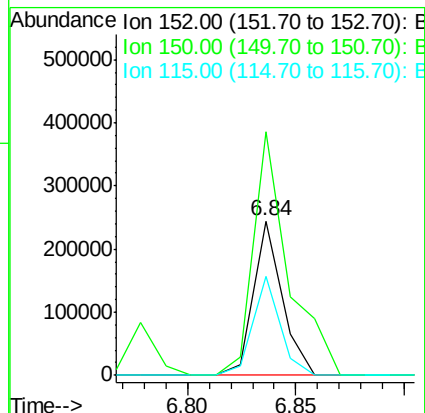
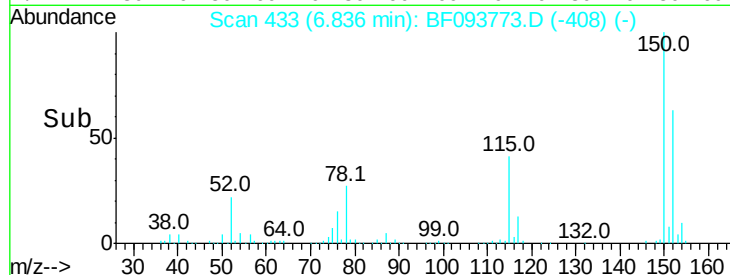
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion:152 Resp: 224739
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 64.1 52.2 78.2



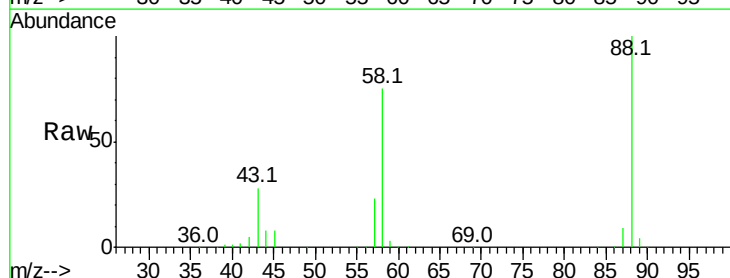
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



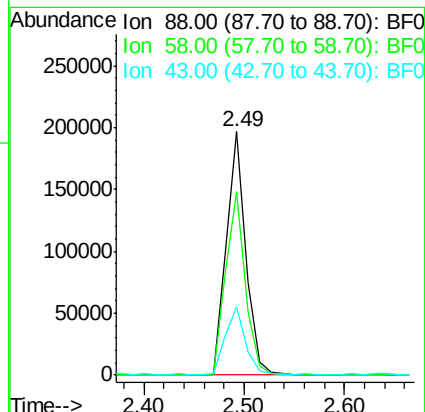
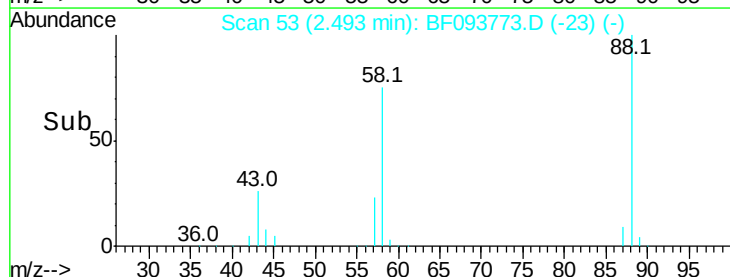
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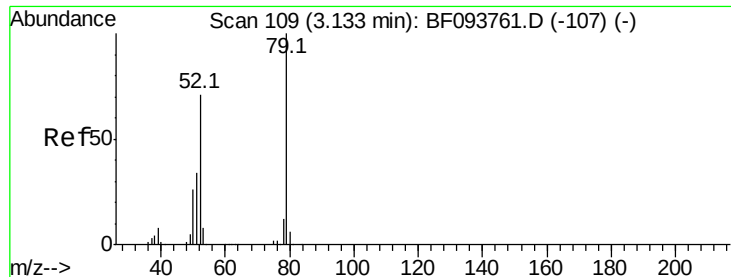
1,4-Dioxane
Concen: 40.44 ng
RT: 2.49 min Scan# 53
Delta R.T. 0.05 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion: 88 Resp: 263332
Ion Ratio Lower Upper
88 100
58 76.2 61.4 92.0
43 28.6 23.4 35.0



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

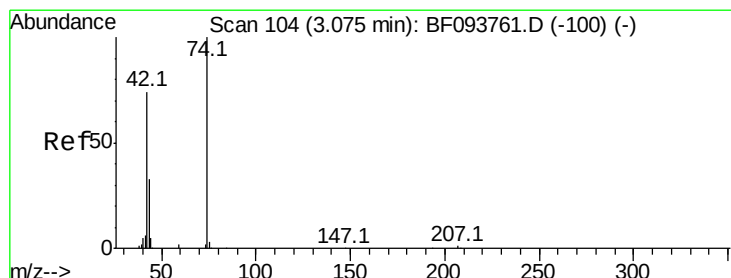
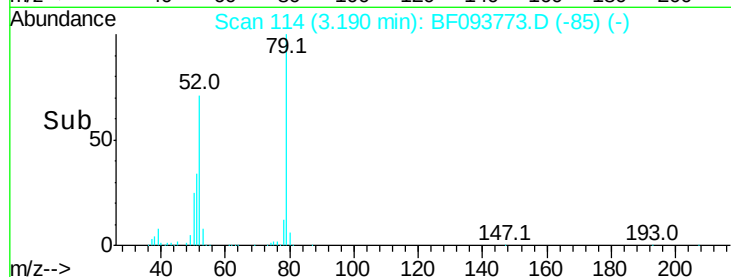
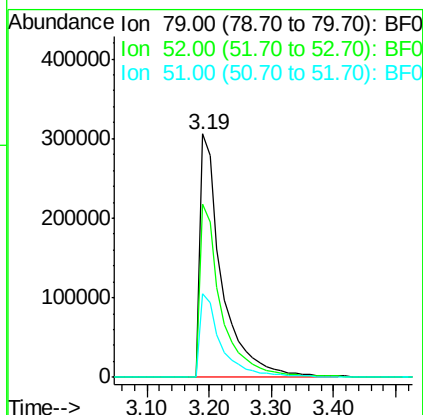
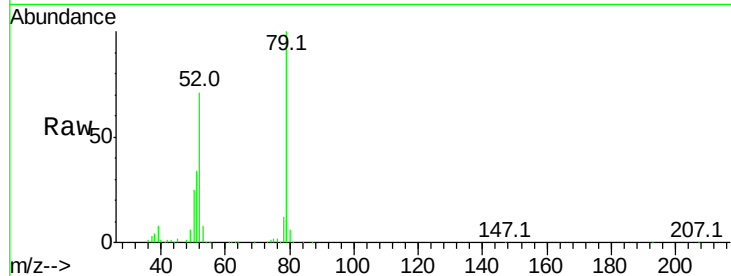




#3
 Pvridine
 Concen: 42.68 ng
 RT: 3.19 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

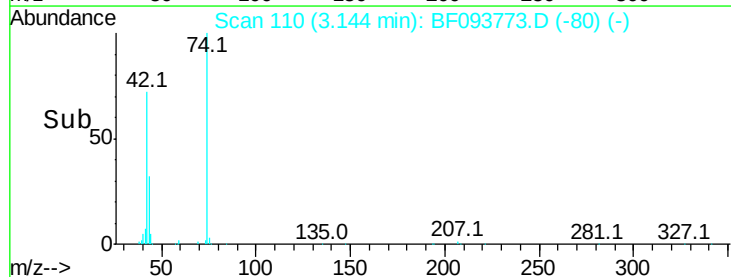
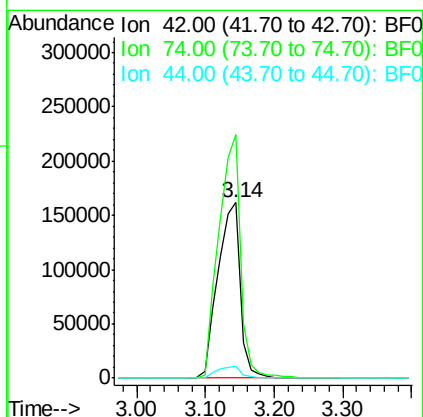
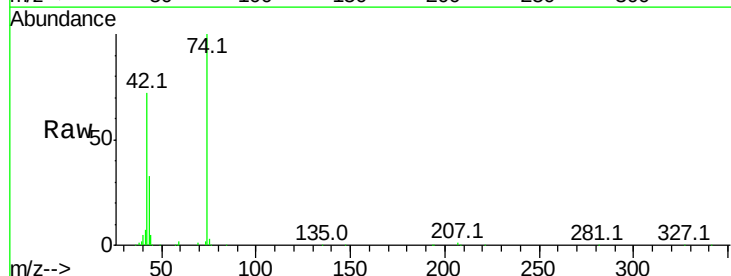
Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

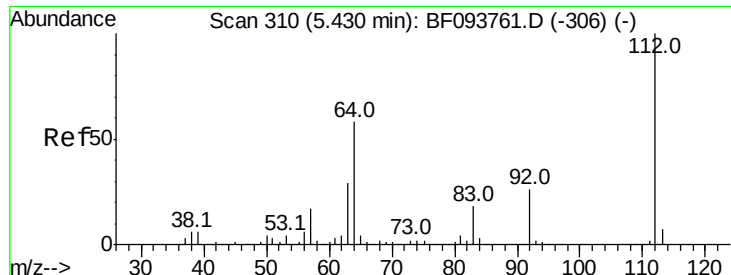
Tot Ion: 79 Resp: 744646
 Ion Ratio Lower Upper
 79 100
 52 71.3 54.8 82.2
 51 34.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 49.88 ng
 RT: 3.14 min Scan# 110
 Delta R.T. 0.05 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion: 42 Resp: 375275
 Ion Ratio Lower Upper
 42 100
 74 138.9 103.9 155.9
 44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 137.39 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

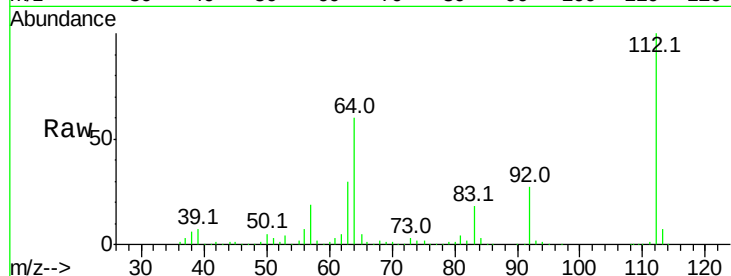
Tot Ion:112 Resp: 1765637

Ion Ratio Lower Upper

112 100

64 60.4 46.0 69.0

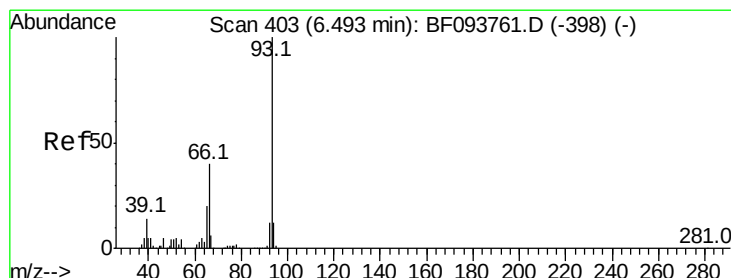
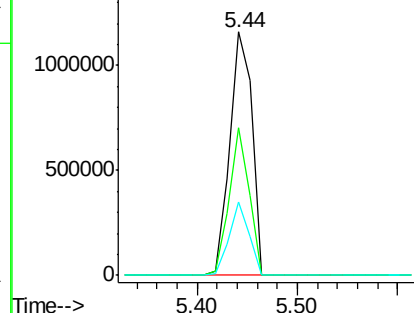
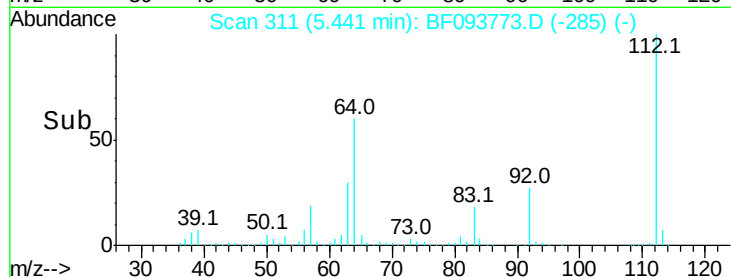
63 30.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.87 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

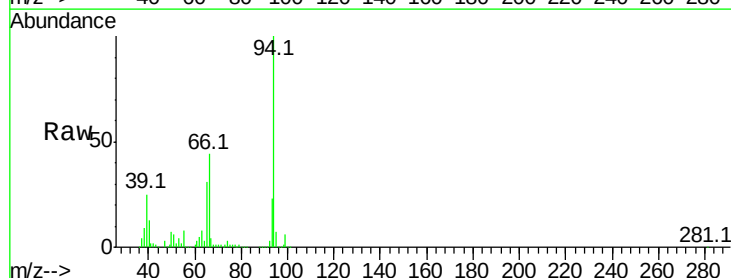
Tgt Ion: 93 Resp: 663227

Ion Ratio Lower Upper

93 100

66 189.4 32.9 49.3#

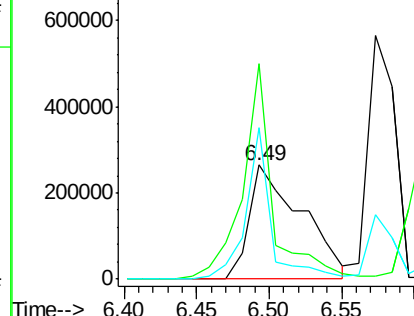
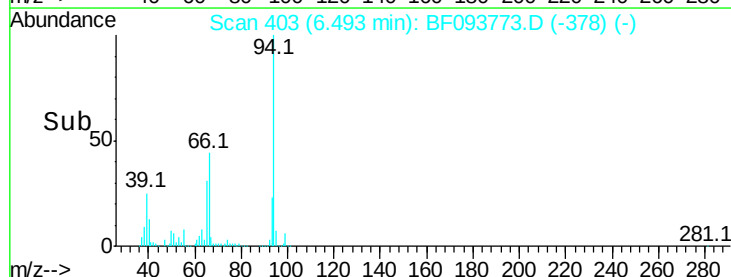
65 133.3 16.0 24.0#

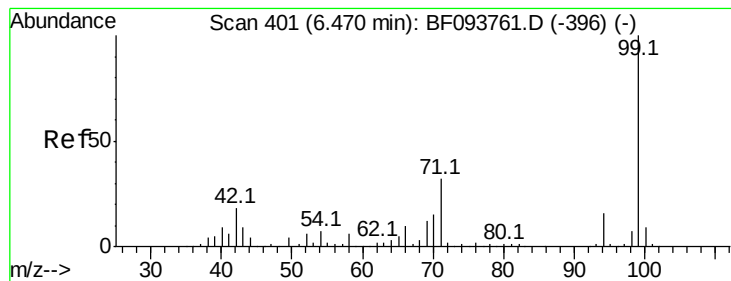


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.01 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093773.D

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SPA-B6(0-5)MS

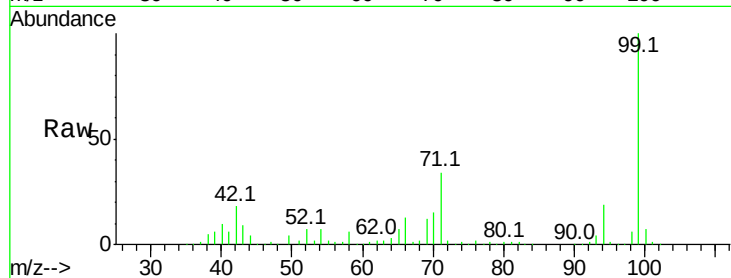
Tot Ion: 99 Resp: 2175764

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

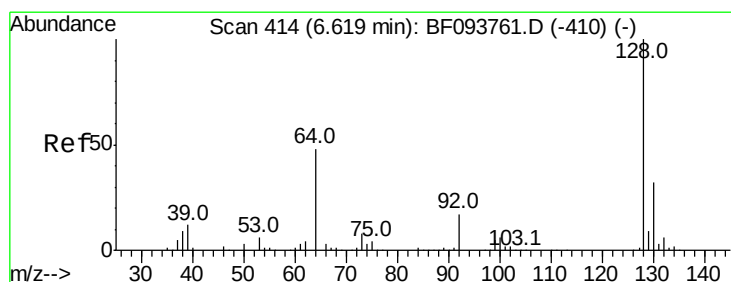
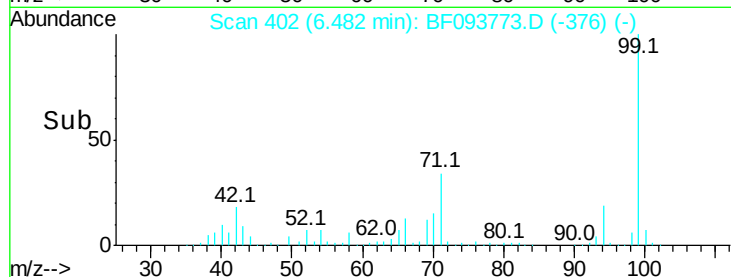
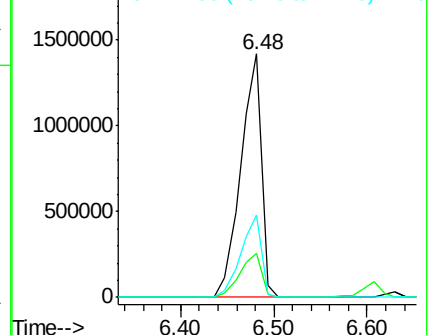
71 33.6 24.5 36.7



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: 51.76 ng

RT: 6.63 min Scan# 415

Delta R.T. 0.00 min

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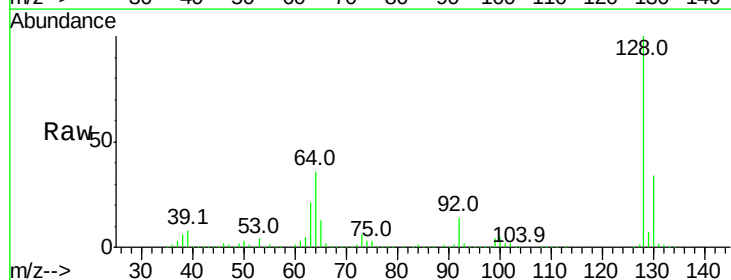
Tgt Ion:128 Resp: 731715

Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

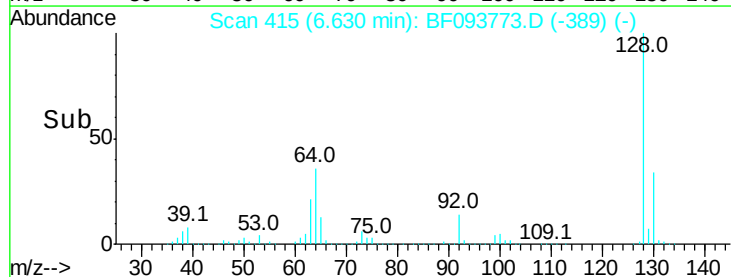
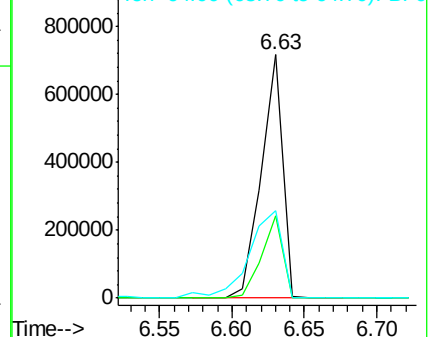
64 36.1 28.4 68.4

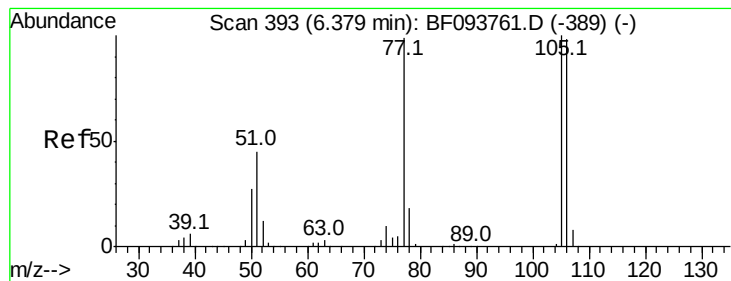


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.86 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

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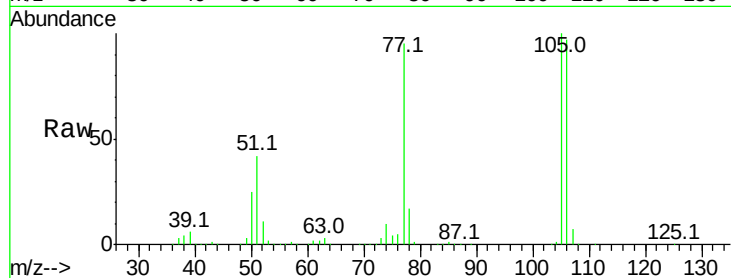
Tot Ion: 77 Resp: 346444

Ion Ratio Lower Upper

77 100

105 105.3 83.8 123.8

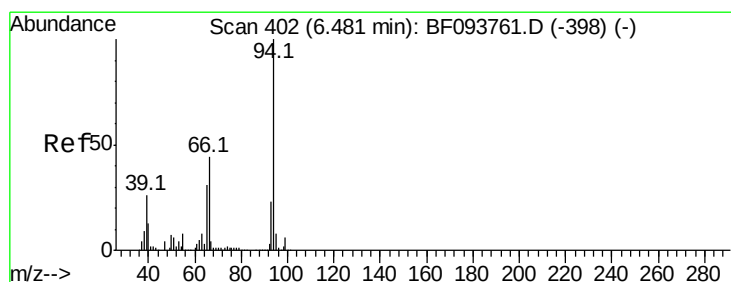
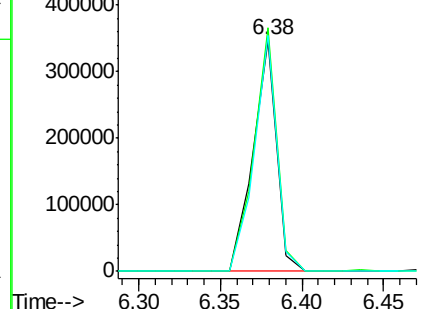
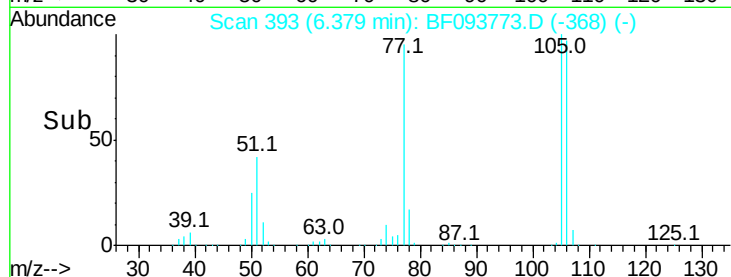
106 102.1 79.1 119.1



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: 60.48 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

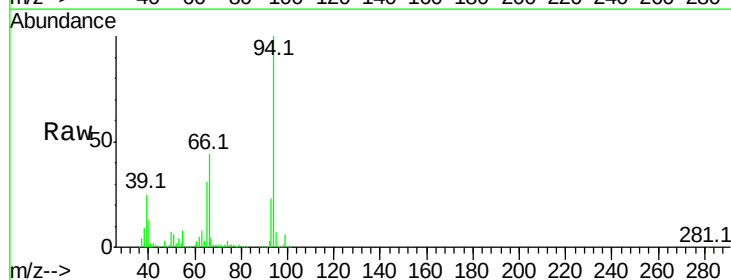
Tgt Ion: 94 Resp: 1079660

Ion Ratio Lower Upper

94 100

65 30.8 9.9 49.9

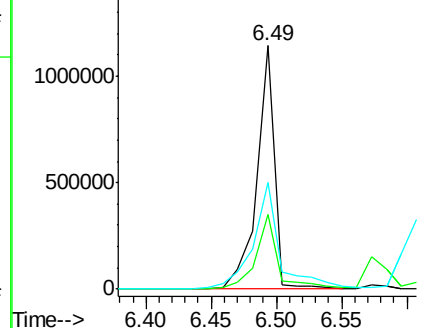
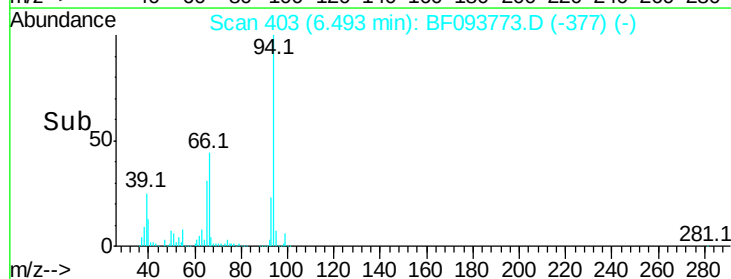
66 43.8 23.1 63.1

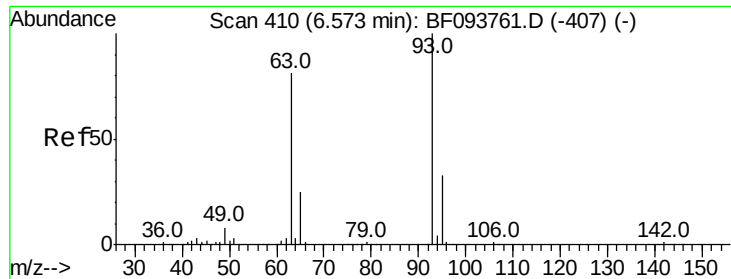


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

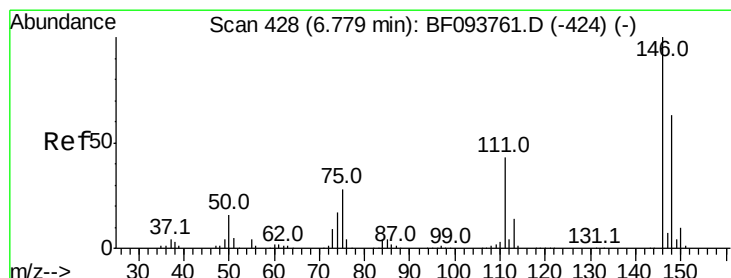
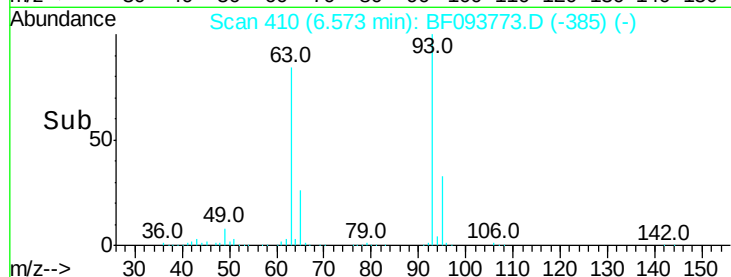
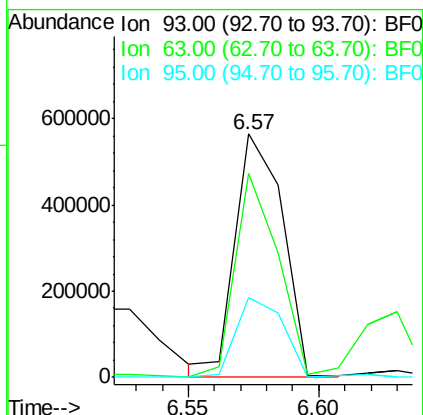
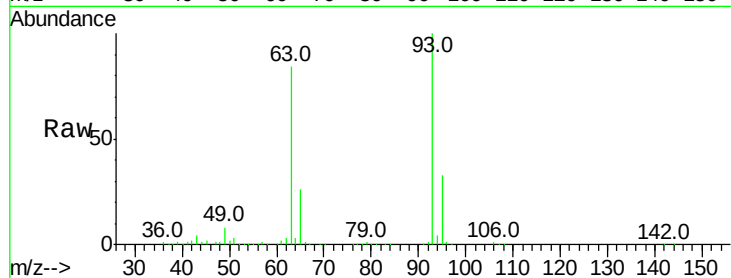




#11
bis(2-Chloroethyl)ether
Concen: 49.93 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

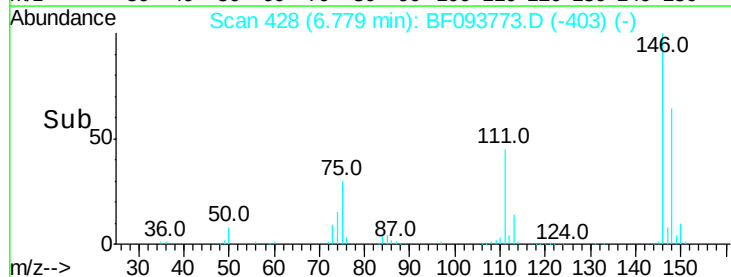
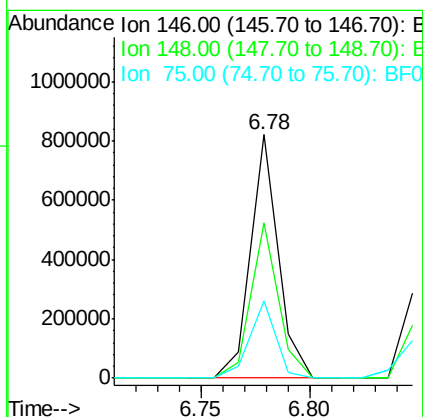
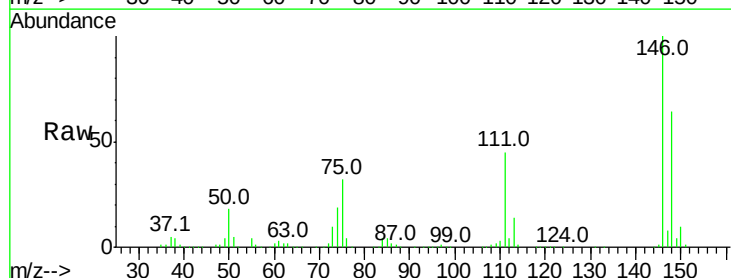
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

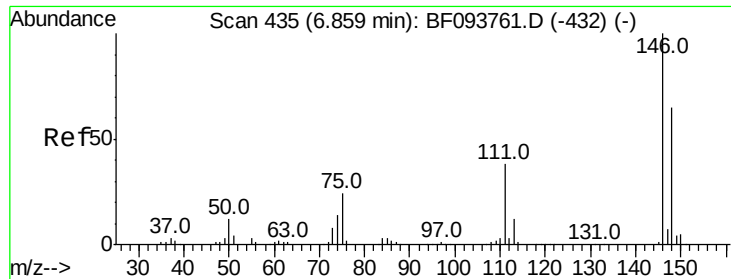
Tot Ion: 93 Resp: 723762
Ion Ratio Lower Upper
93 100
63 83.8 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.10 ng
RT: 6.78 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion: 146 Resp: 723104
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 31.6 23.1 34.7

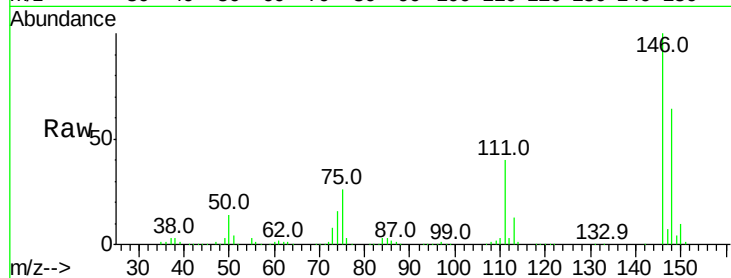




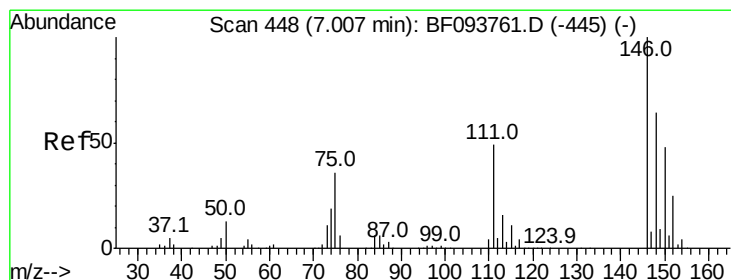
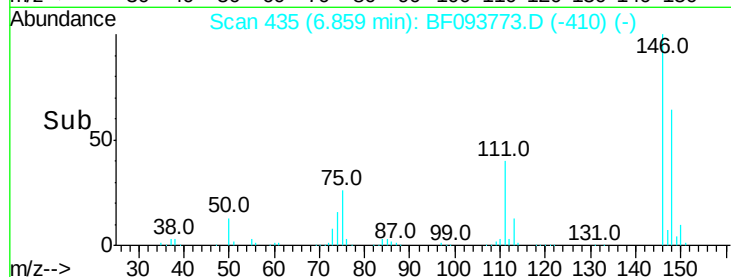
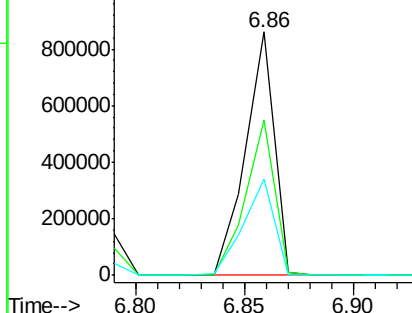
#13
 1,4-Dichlorobenzene
 Concen: 48.70 ng
 RT: 6.86 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion:146 Resp: 796616
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 39.7 30.3 45.5

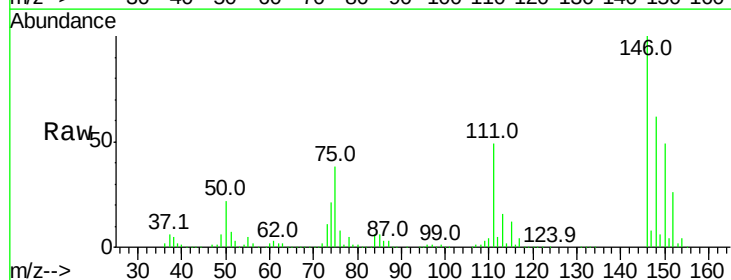


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

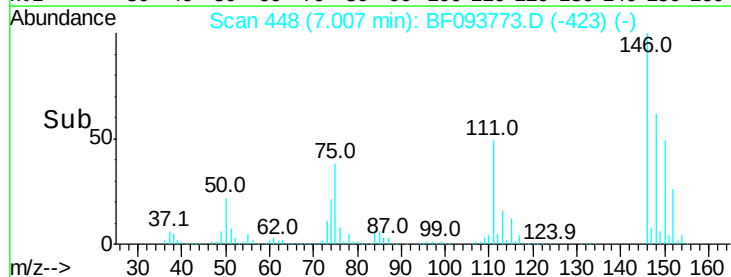
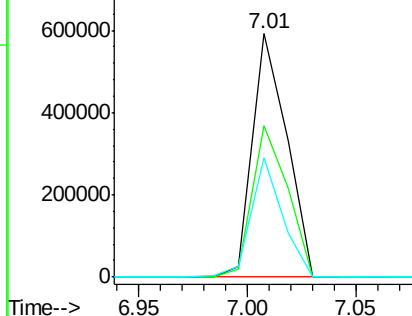


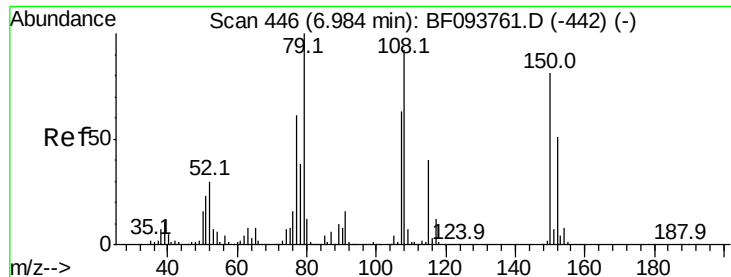
#14
 1,2-Dichlorobenzene
 Concen: 43.41 ng
 RT: 7.01 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion:146 Resp: 651333
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.4 75.6
 111 49.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.35 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

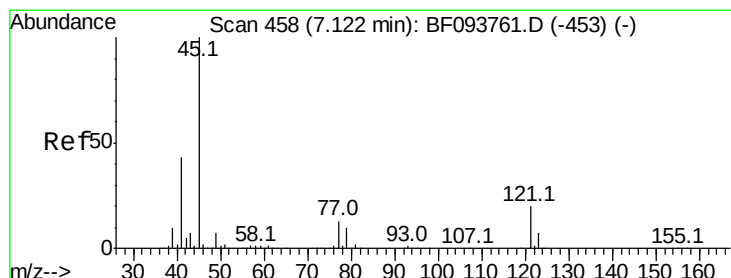
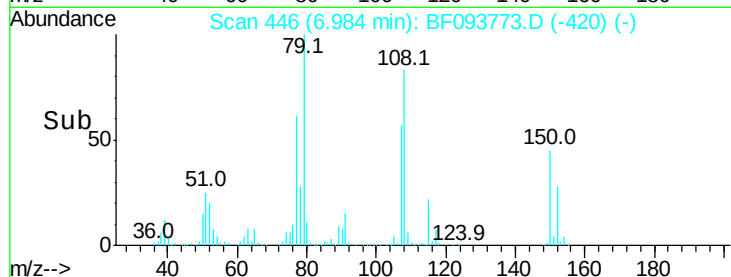
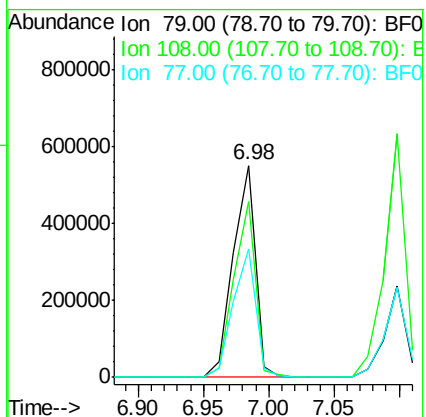
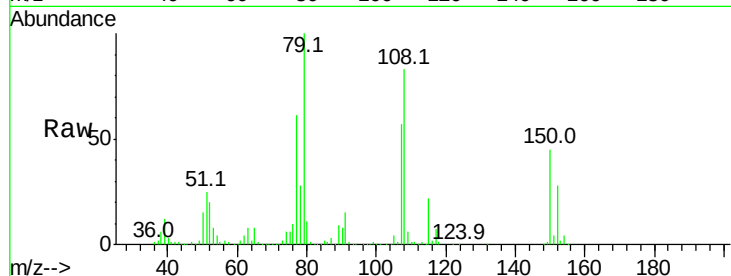
Tot Ion: 79 Resp: 651268

Ion Ratio Lower Upper

79 100

108 82.8 63.4 95.0

77 60.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.00 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

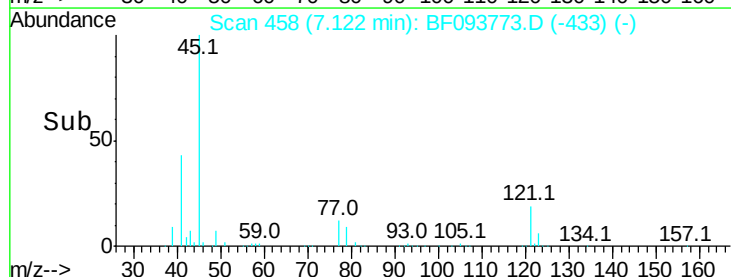
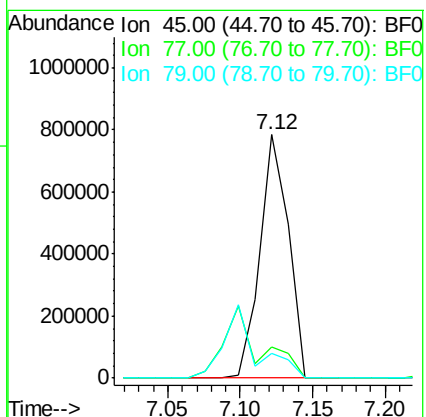
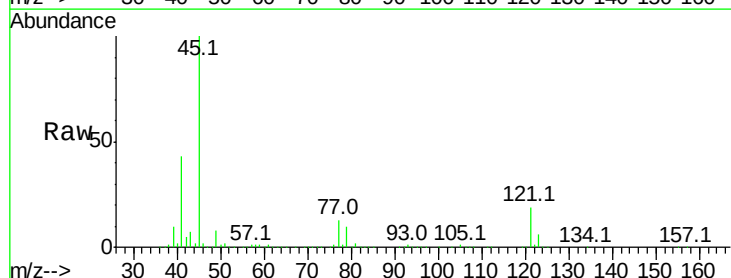
Tgt Ion: 45 Resp: 1059940

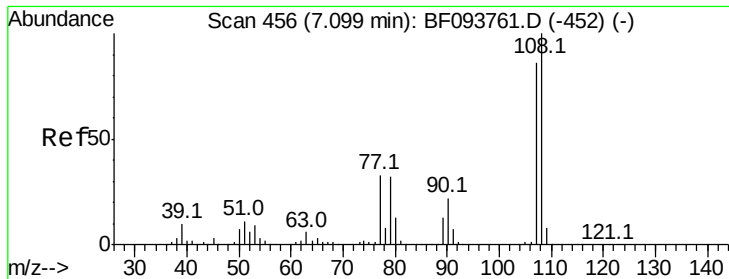
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

79 10.0 0.0 30.0





#17

2-Methylphenol

Concen: 49.00 ng

RT: 7.10 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:107 Resp: 607890

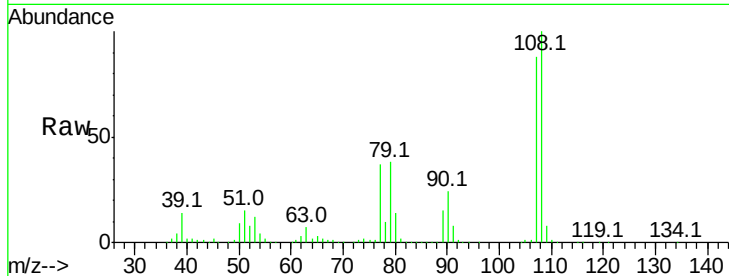
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 42.0 35.8 53.6

79 42.9 34.8 52.2

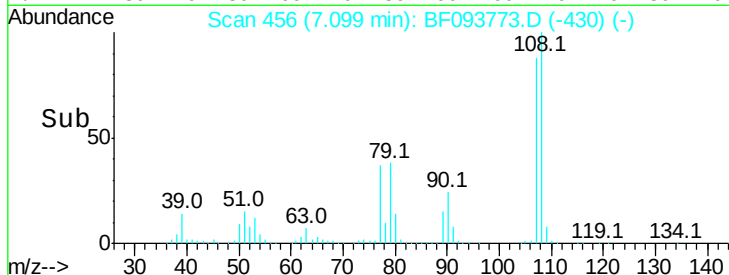


Abundance Ion 107.00 (106.70 to 107.70): E

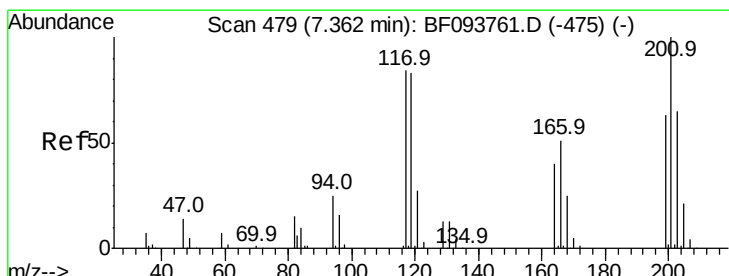
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 47.44 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

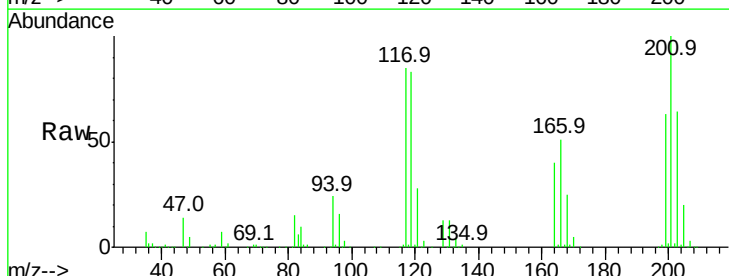
Tgt Ion:117 Resp: 275100

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

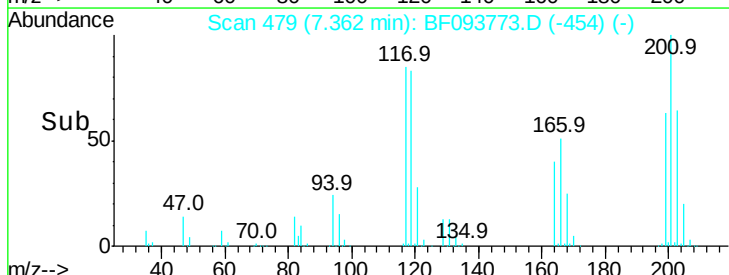
201 117.3 94.6 141.8



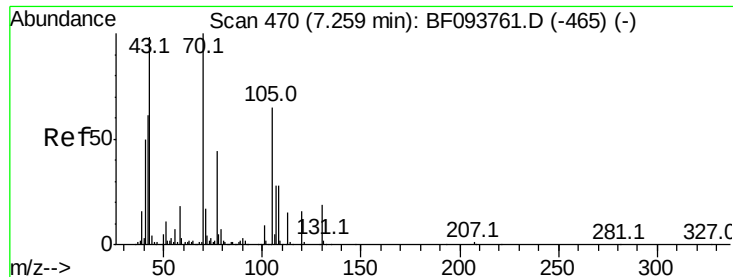
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



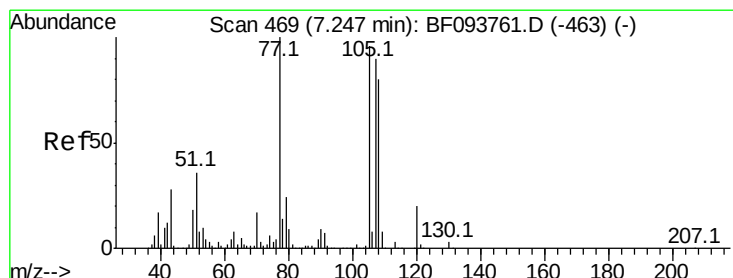
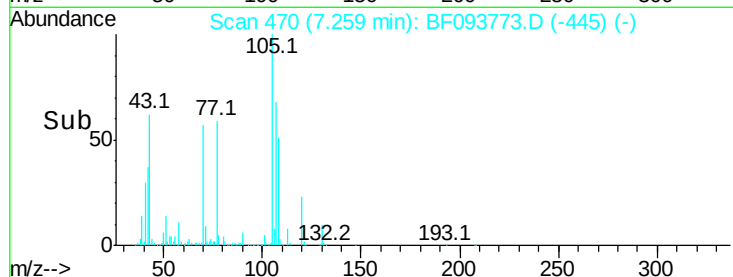
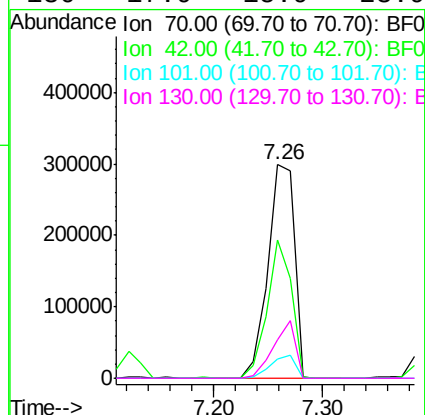
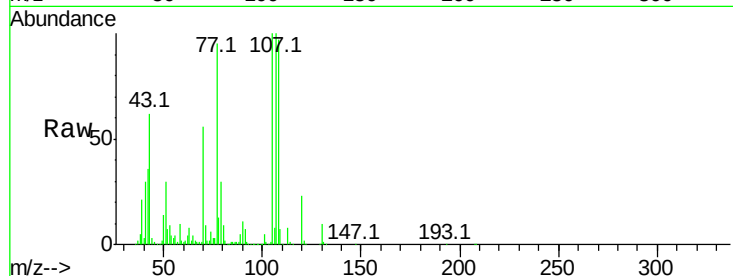
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 49.04 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

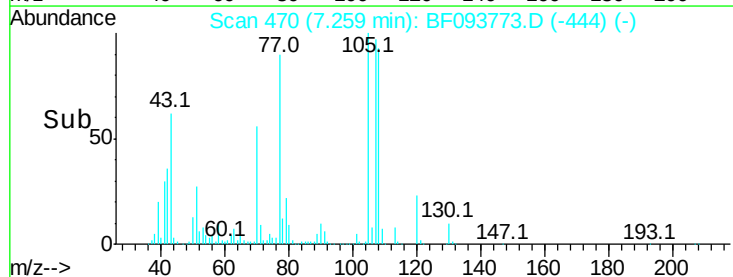
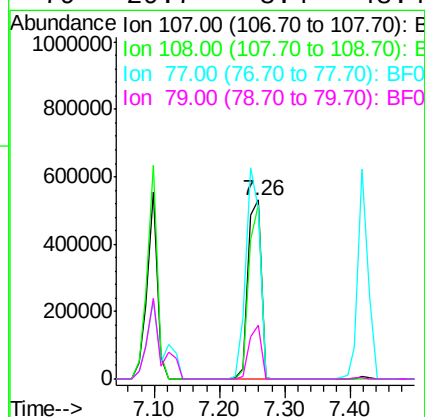
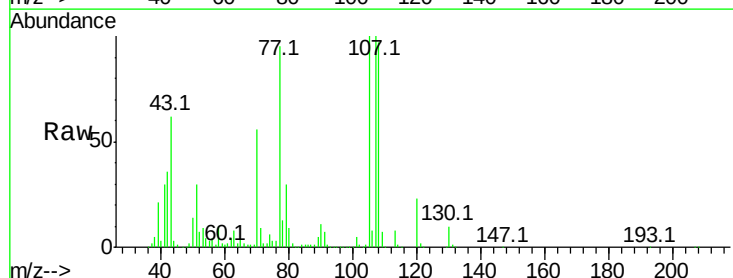
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

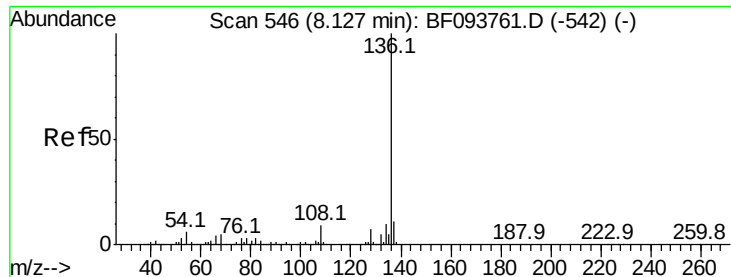
Tot Ion:	70	Resp:	510224
Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.2	70.8
101	8.9	7.2	10.8
130	17.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 49.51 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:	107	Resp:	727239
Ion	Ratio	Lower	Upper
107	100		
108	97.5	71.0	111.0
77	95.1	90.5	130.5
79	29.7	8.4	48.4

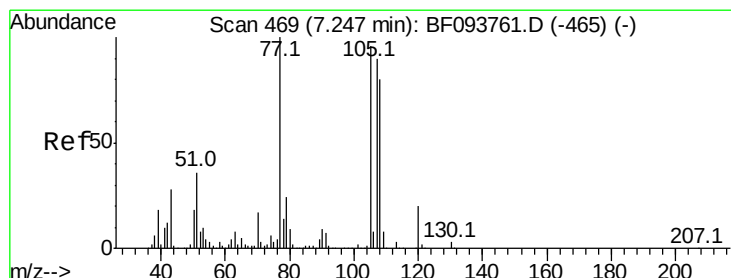
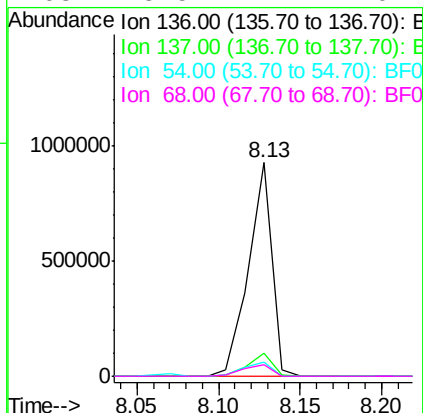
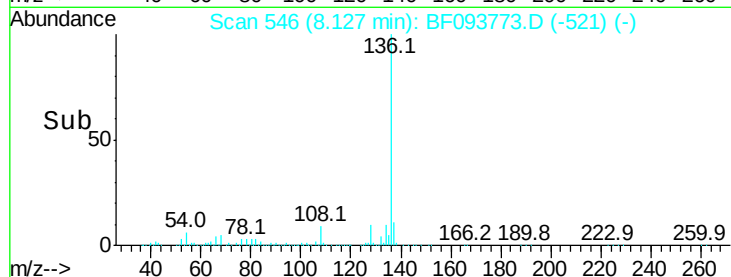
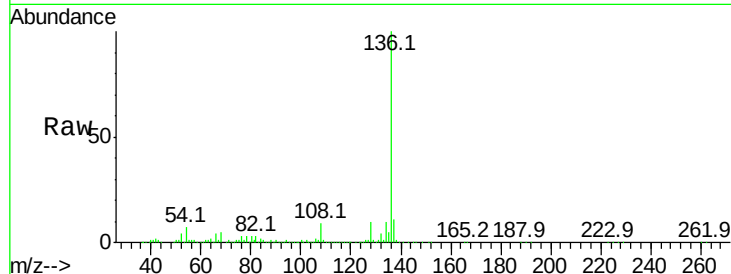




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

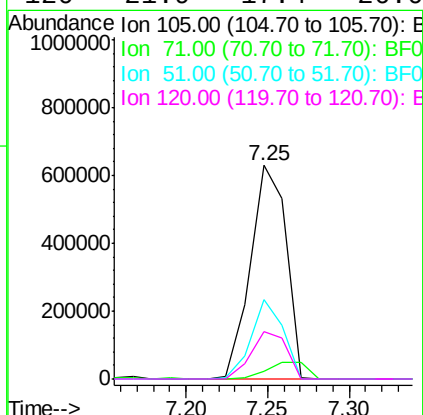
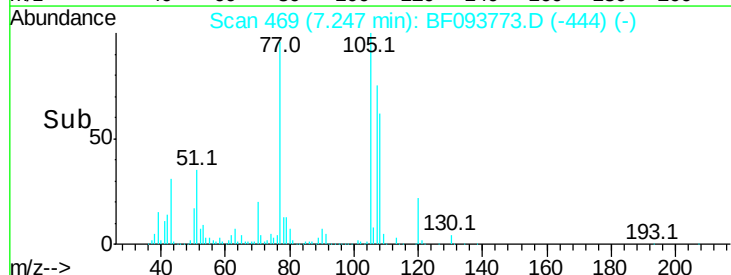
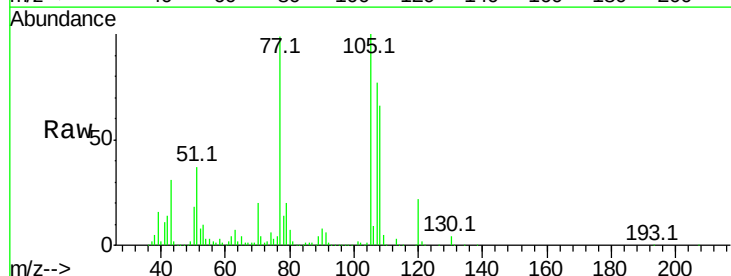
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

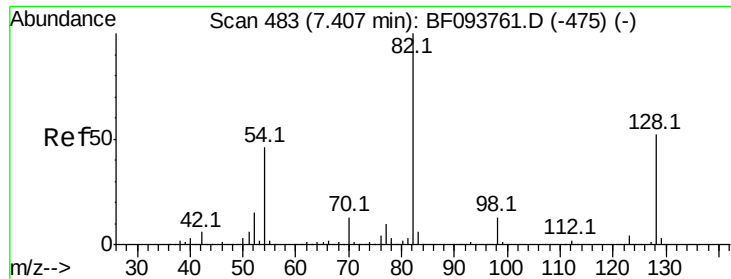
Tot Ion:136	Resp:	923648
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	6.5	4.9 7.3
68	5.5	4.1 6.1



#22
Acetophenone
Concen: 47.71 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:105	Resp:	954171
Ion Ratio	Lower	Upper
105	100	
71	3.7	2.8 4.2
51	37.2	30.7 46.1
120	21.9	17.4 26.0

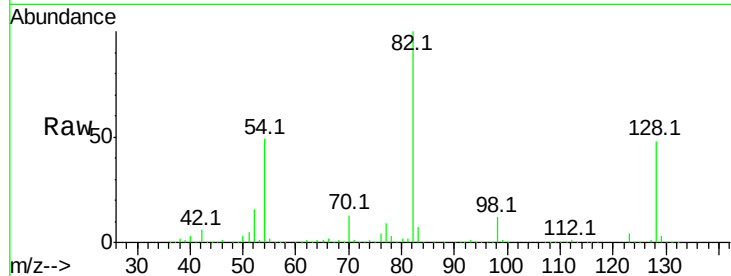




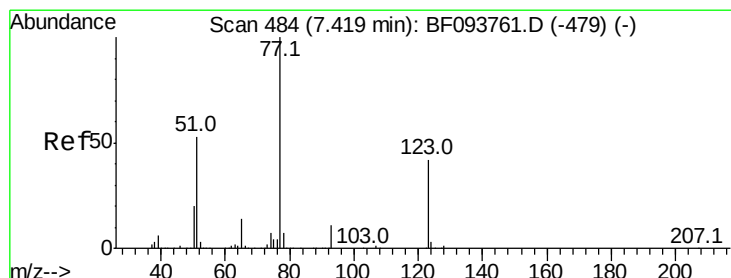
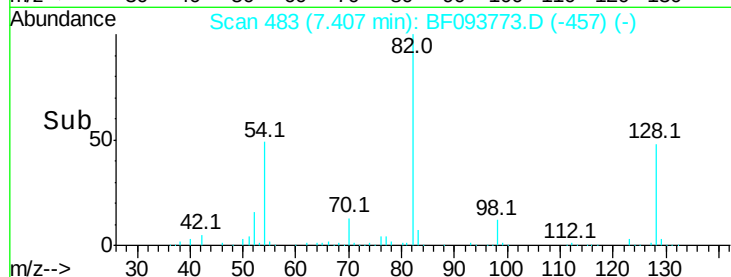
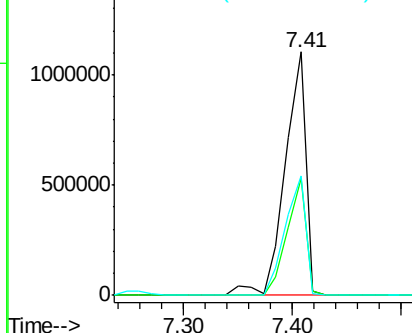
#23
 Nitrobenzene-d5
 Concen: 90.82 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampled :
 SPA-B6(0-5)MS

Tot Ion: 82 Resp: 1478661
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 48.9 42.2 63.2

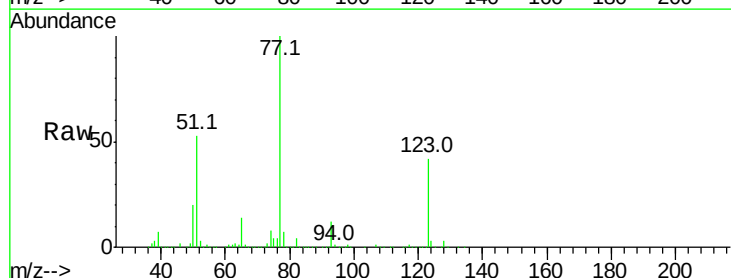


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

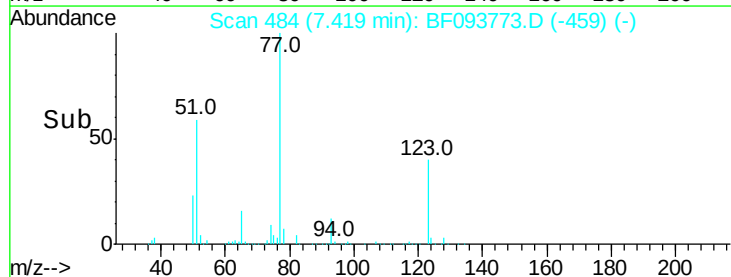
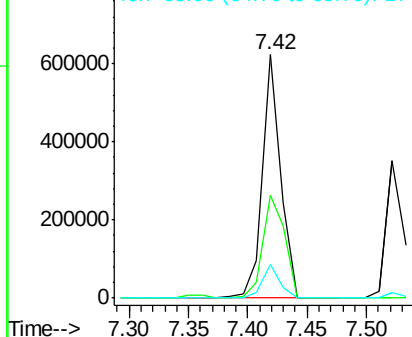


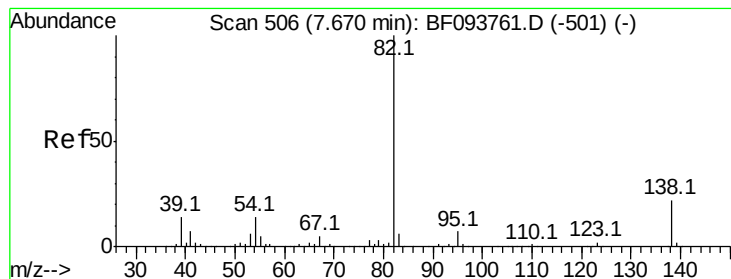
#24
 Nitrobenzene
 Concen: 43.28 ng
 RT: 7.42 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion: 77 Resp: 673235
 Ion Ratio Lower Upper
 77 100
 123 42.3 35.8 53.8
 65 13.8 10.6 15.8



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





#25

Isophorone

Concen: 50.32 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

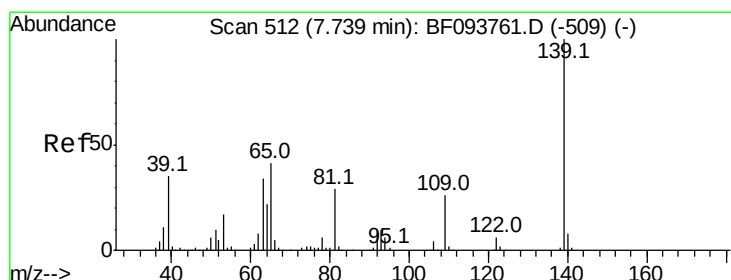
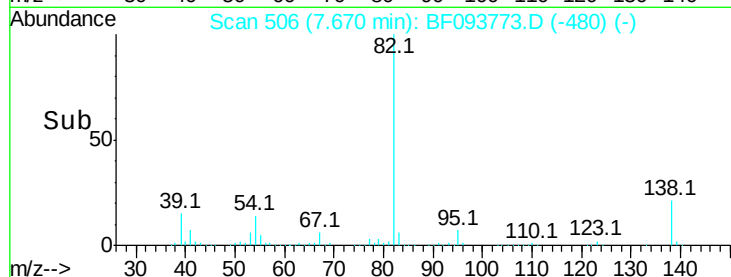
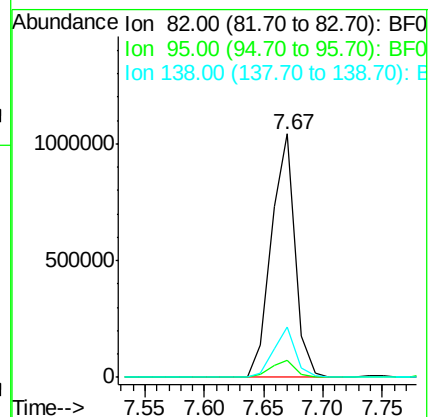
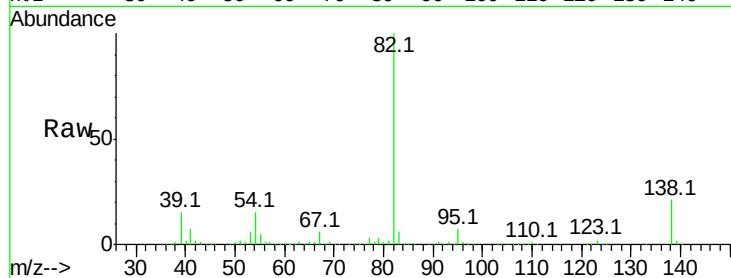
Tot Ion: 82 Resp: 1451398

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 20.5 13.1 19.7#



#26

2-Nitrophenol

Concen: 54.29 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

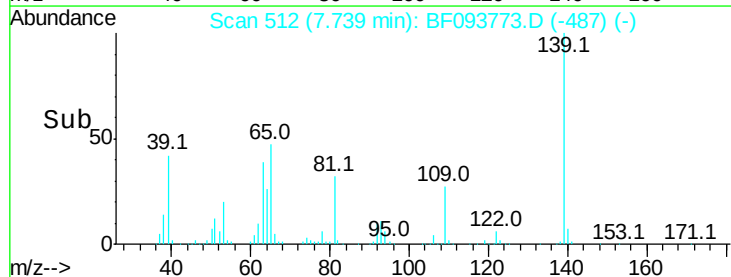
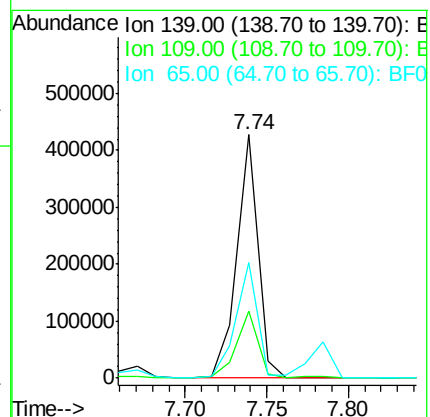
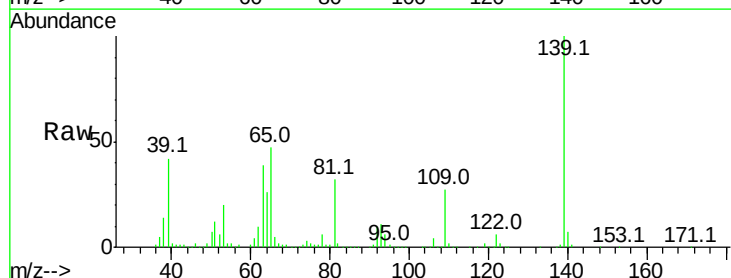
Tgt Ion:139 Resp: 381924

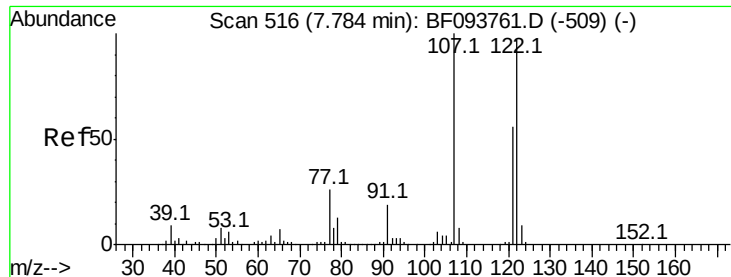
Ion Ratio Lower Upper

139 100

109 27.5 21.0 31.6

65 47.4 33.0 49.6

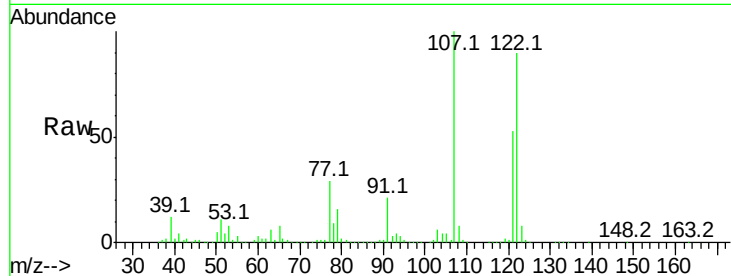




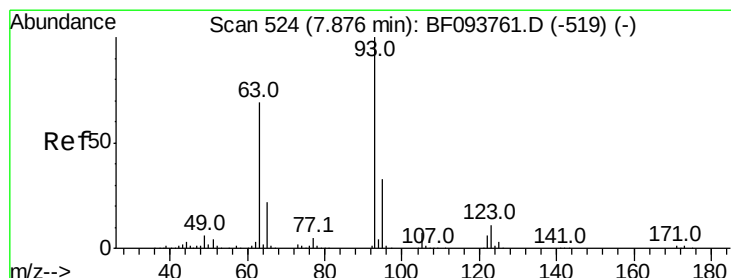
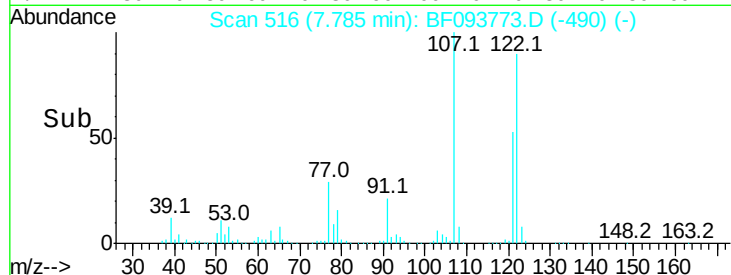
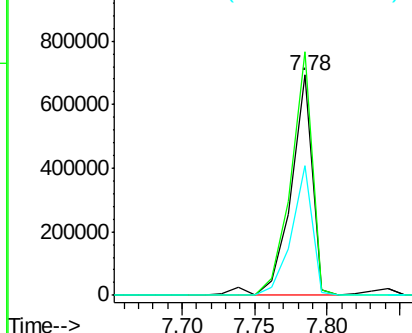
#27
2,4-Dimethylphenol
Concen: 49.79 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion:122 Resp: 720302
Ion Ratio Lower Upper
122 100
107 110.5 89.2 133.8
121 59.1 45.2 67.8

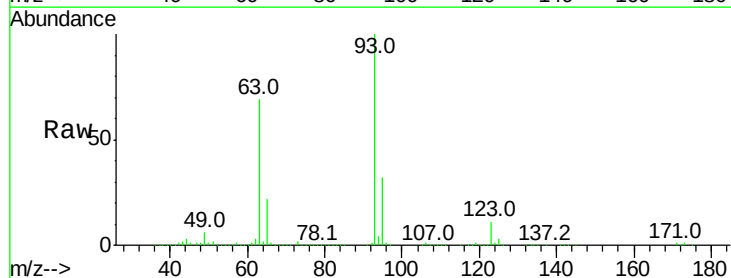


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

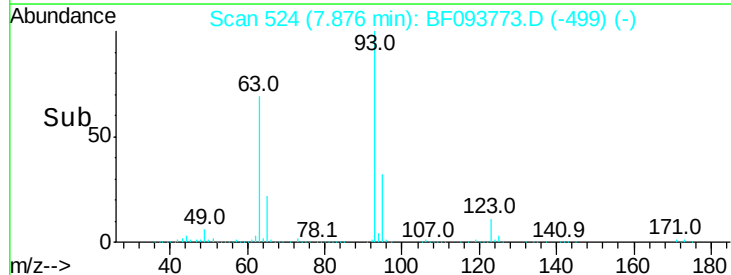
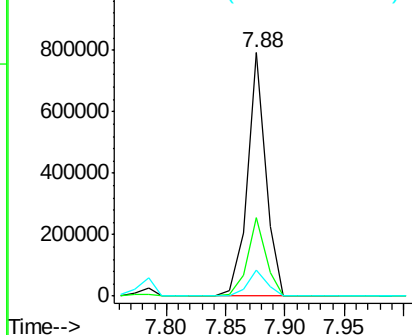


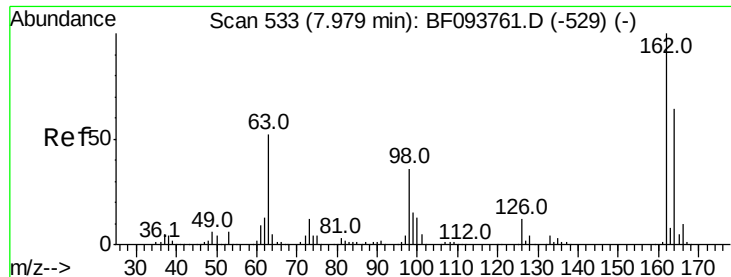
#28
bis(2-Chloroethoxy)methane
Concen: 46.06 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion: 93 Resp: 854819
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.5 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

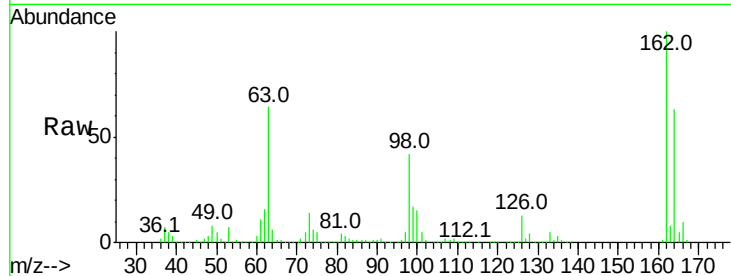




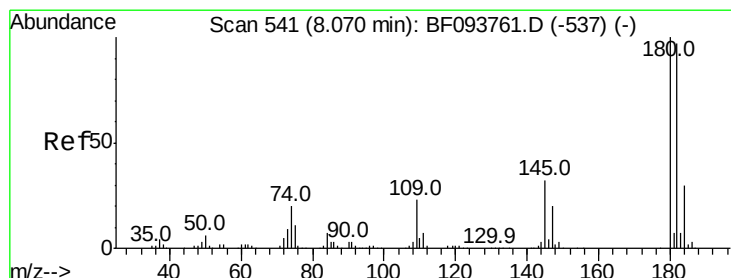
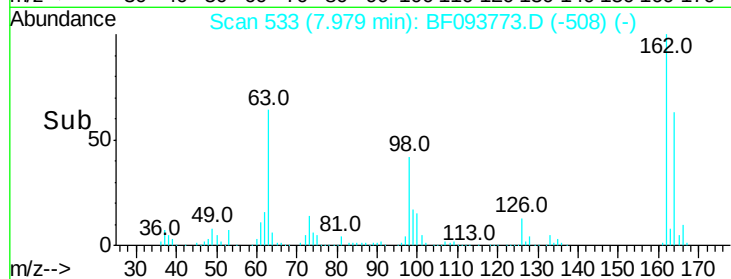
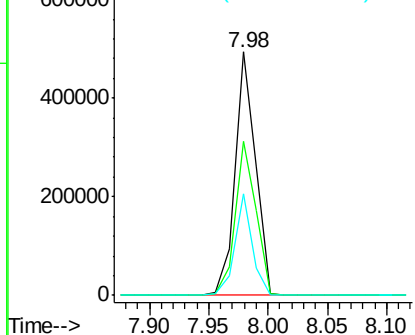
#29
 2,4-Dichlorophenol
 Concen: 47.92 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	41.8	14.8	54.8

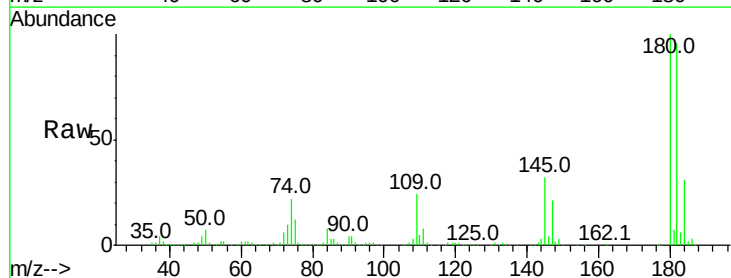


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

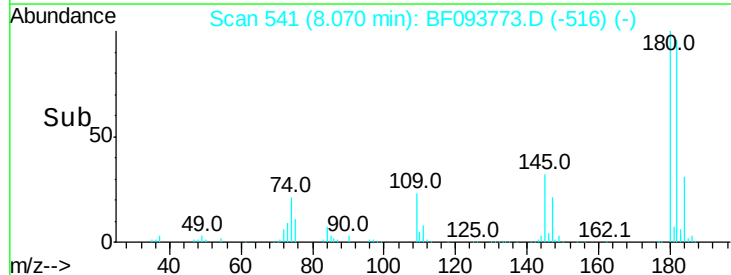
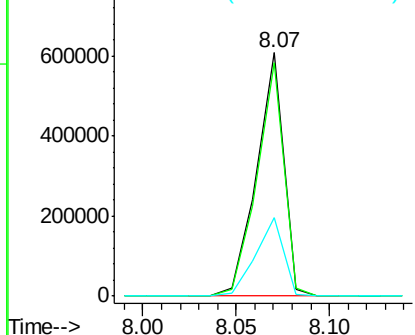


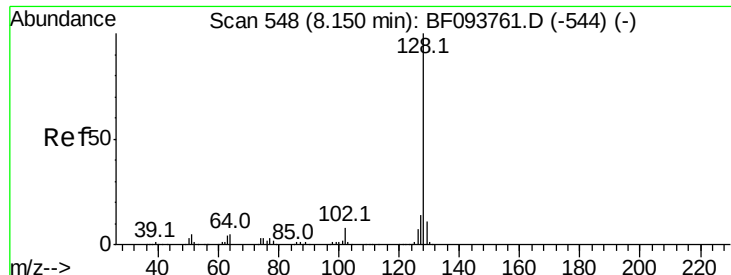
#30
 1,2,4-Trichlorobenzene
 Concen: 47.46 ng
 RT: 8.07 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	32.5	25.3	37.9



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

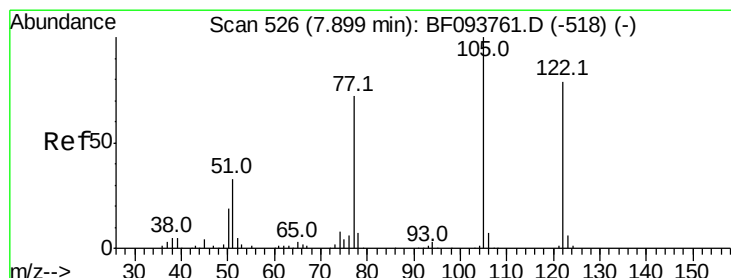
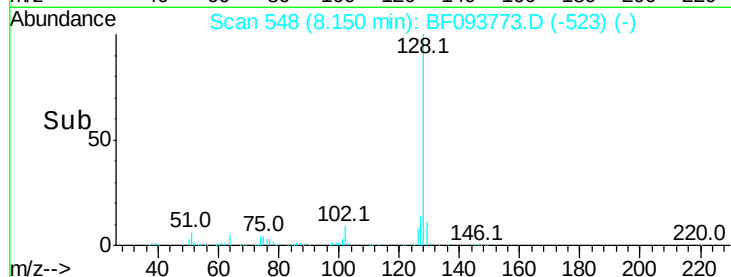
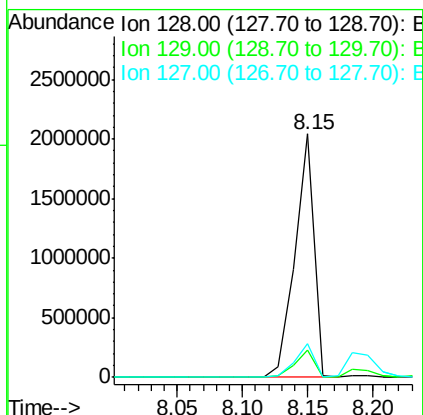
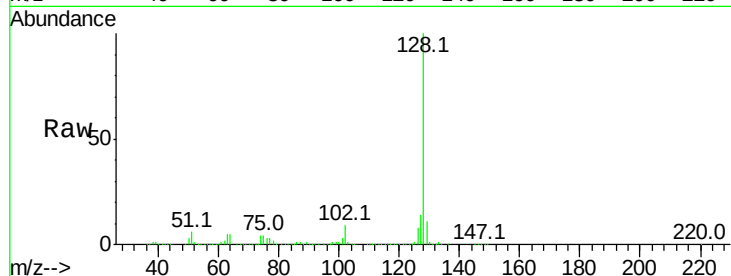




#31
Naphthalene
Concen: 48.88 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

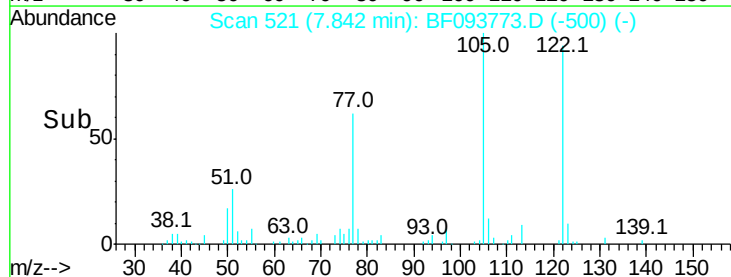
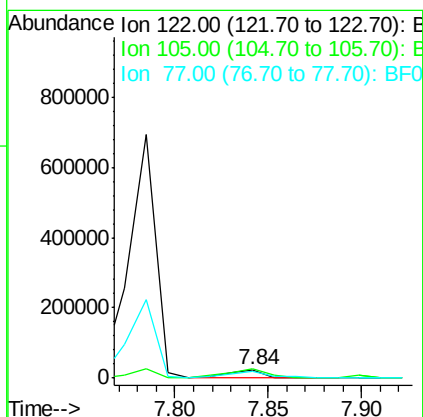
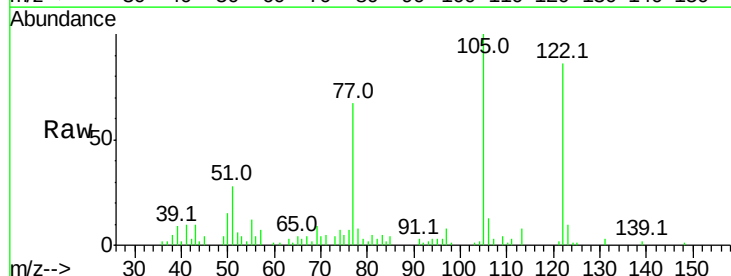
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

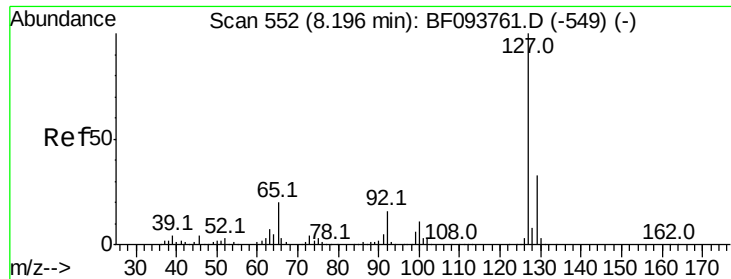
Tot Ion:128 Resp: 2095659
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 3.38 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:122 Resp: 30435
Ion Ratio Lower Upper
122 100
105 115.6 103.3 143.3
77 77.5 73.7 113.7

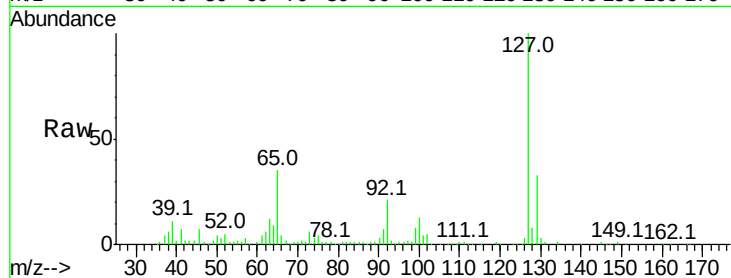




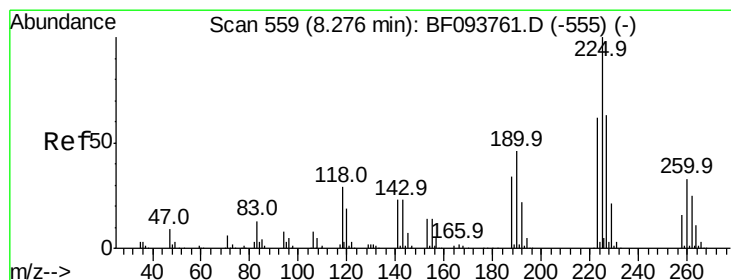
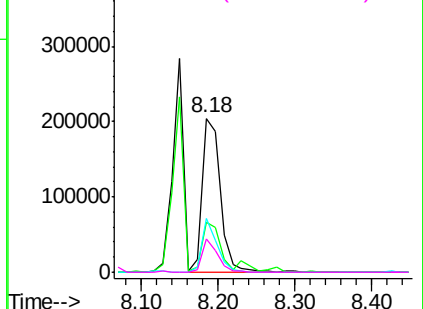
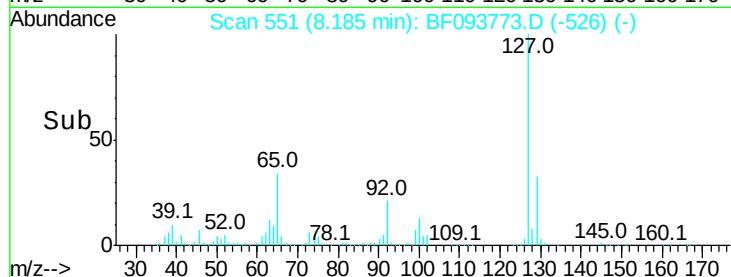
#33
4-Chloroaniline
Concen: 18.09 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Tot Ion:	127	Resp:	333368
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	34.7	27.8	41.8
92	21.3	16.8	25.2

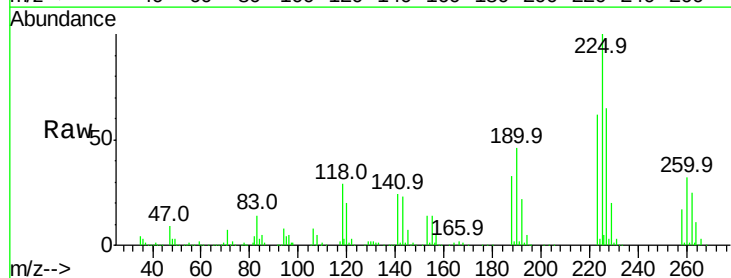


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

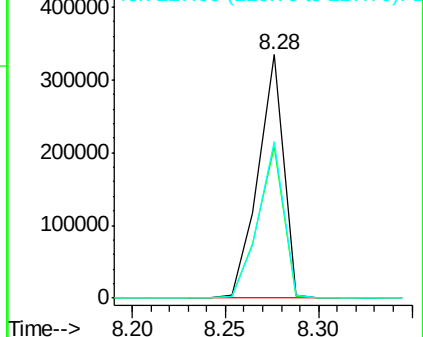
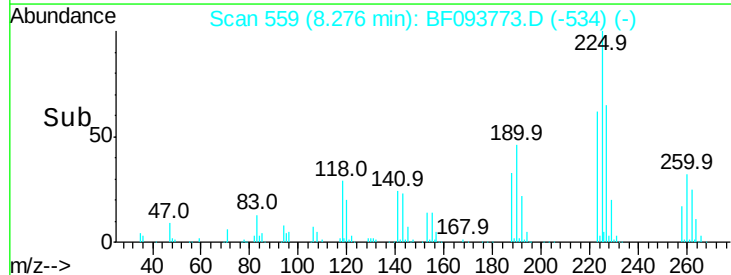


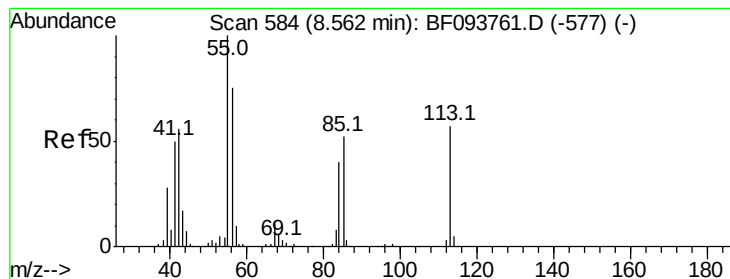
#34
Hexachlorobutadiene
Concen: 46.93 ng
RT: 8.28 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:	225	Resp:	315632
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	64.5	51.1	76.7



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: 29.43 ng

RT: 8.56 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

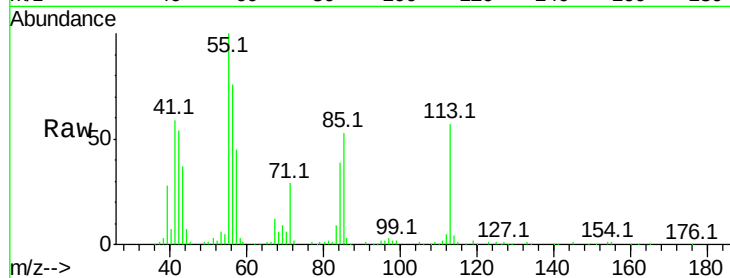
Tot Ion:113 Resp: 113765

Ion Ratio Lower Upper

113 100

55 175.8 150.2 190.2

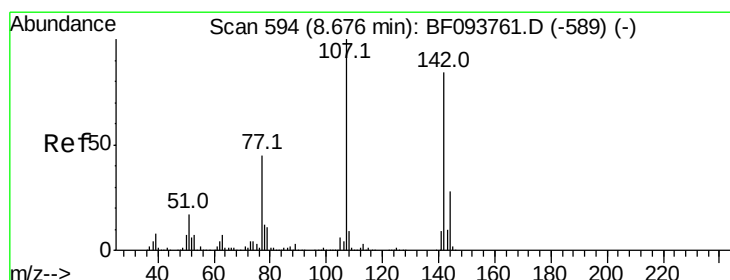
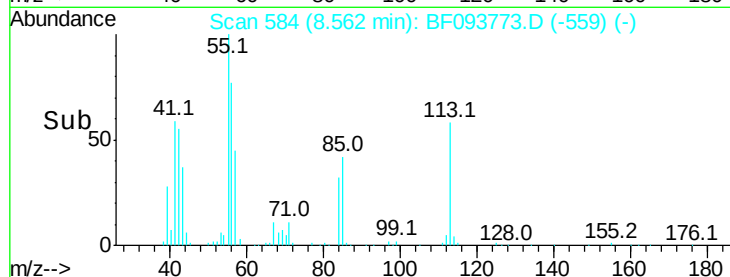
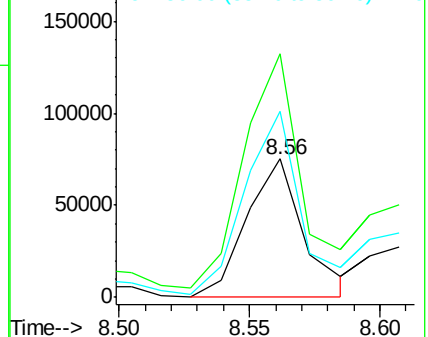
56 133.9 107.8 147.8



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: 47.20 ng

RT: 8.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

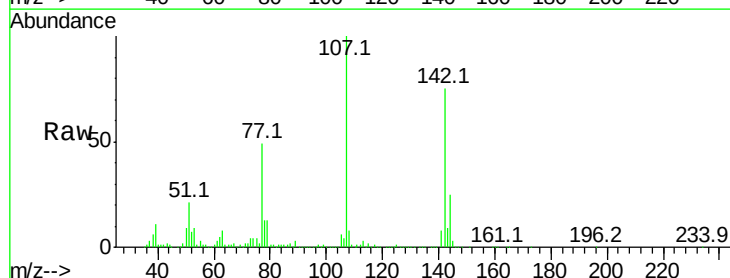
Tgt Ion:107 Resp: 602295

Ion Ratio Lower Upper

107 100

144 24.6 24.2 36.4

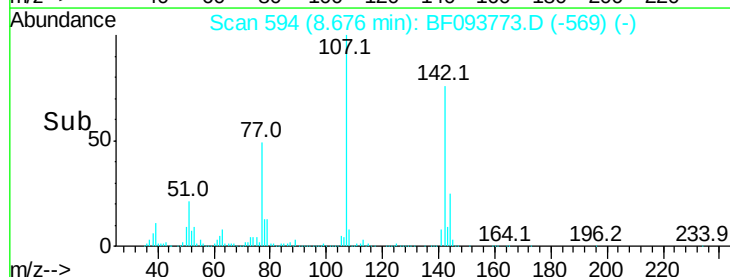
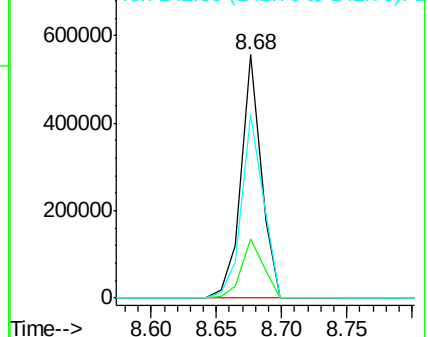
142 75.5 73.4 110.0

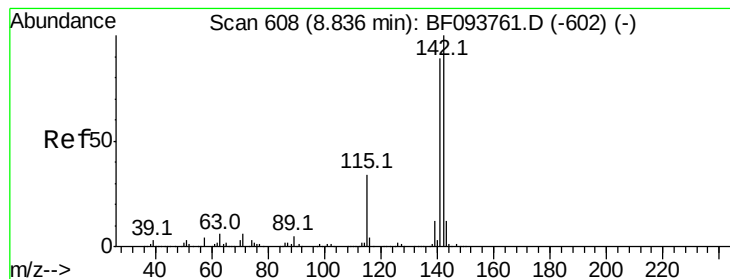


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.87 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

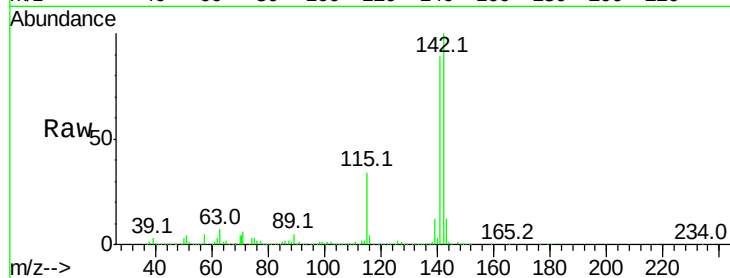
Tot Ion:142 Resp: 1255796

Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

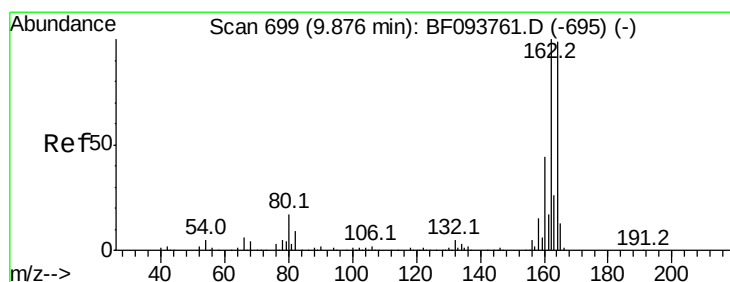
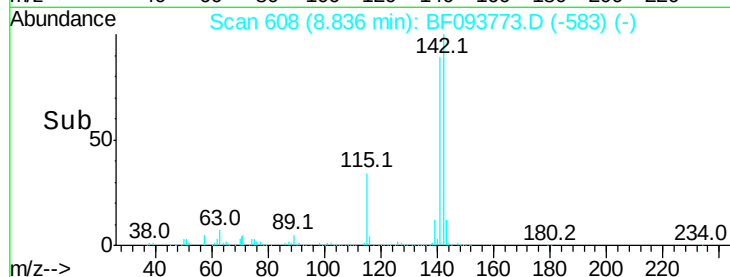
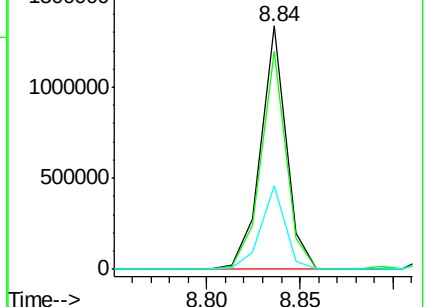
115 34.5 27.1 40.7



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: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

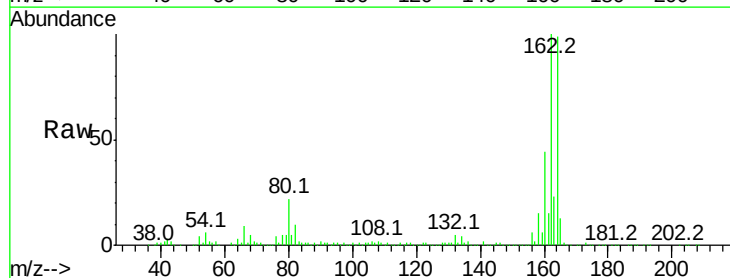
Tgt Ion:164 Resp: 398045

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

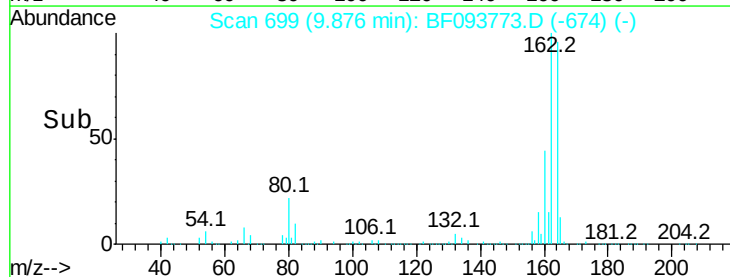
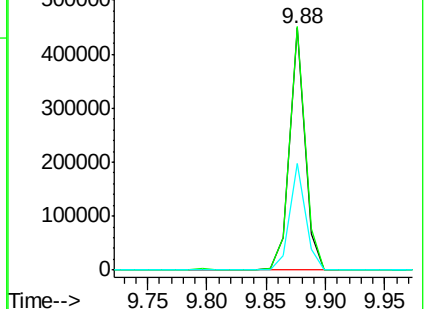
160 44.3 36.2 54.2

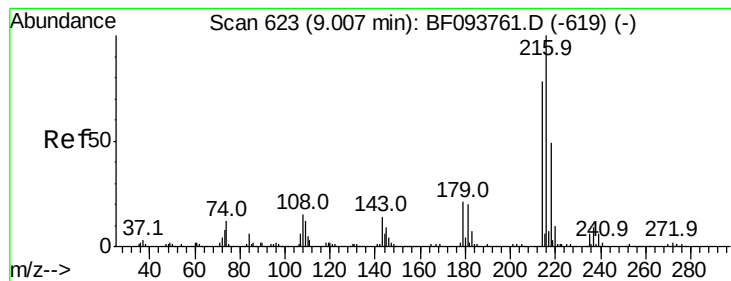


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.94 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:216 Resp: 505365

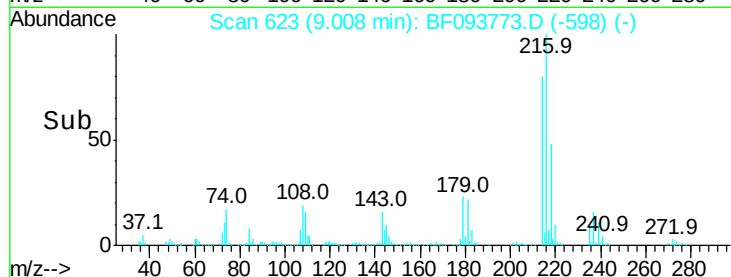
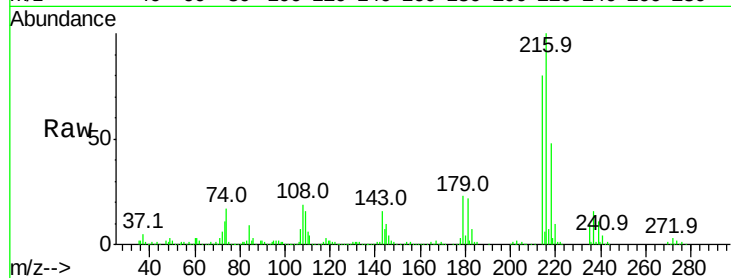
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 23.7 17.9 26.9

108 23.3 16.5 24.7

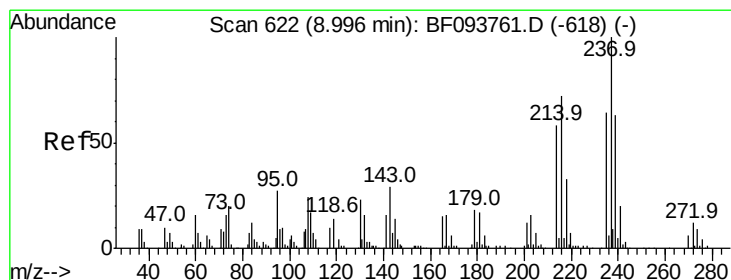
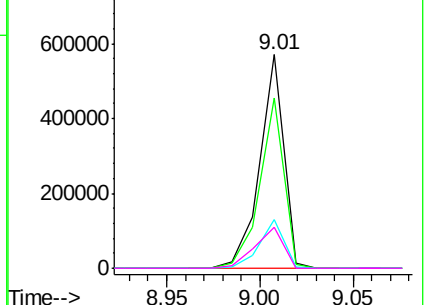


Abundance Ion 216.00 (215.70 to 216.70): E

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: 57.37 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

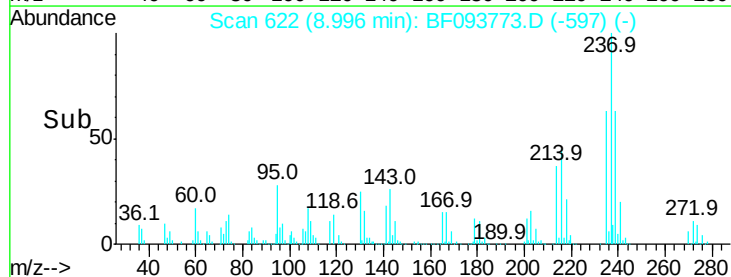
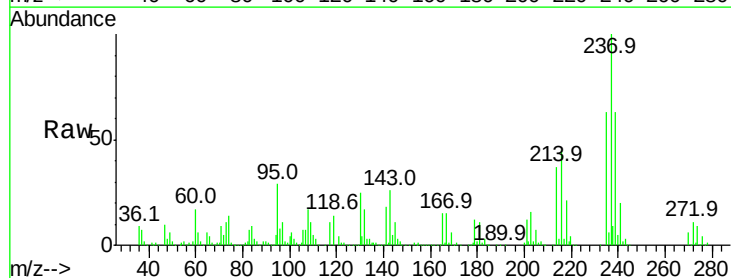
Tgt Ion:237 Resp: 305114

Ion Ratio Lower Upper

237 100

235 63.2 42.6 82.6

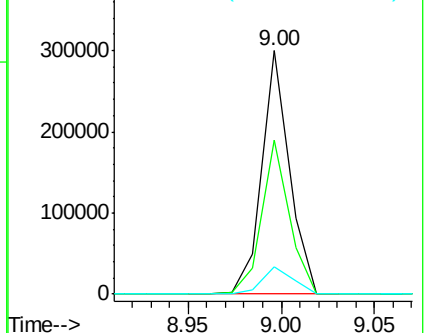
272 11.4 0.0 31.9

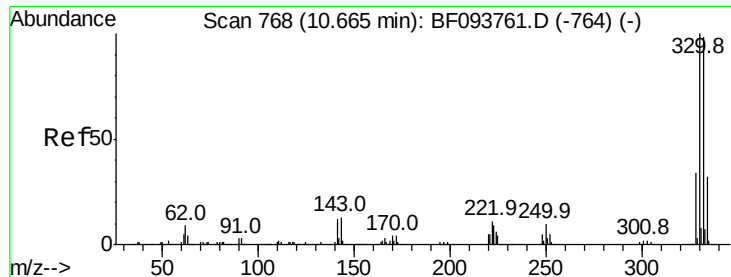


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

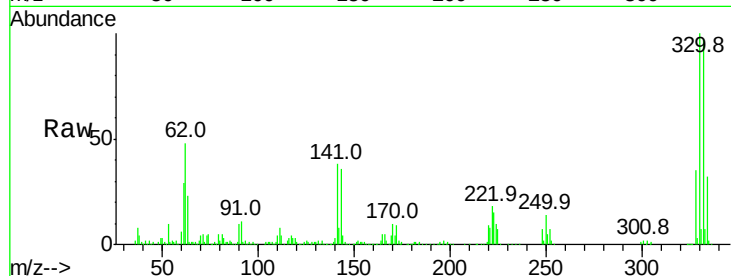




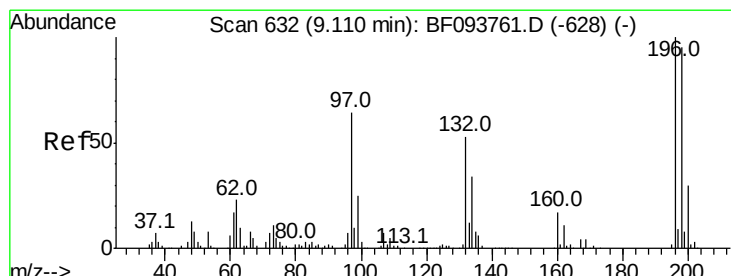
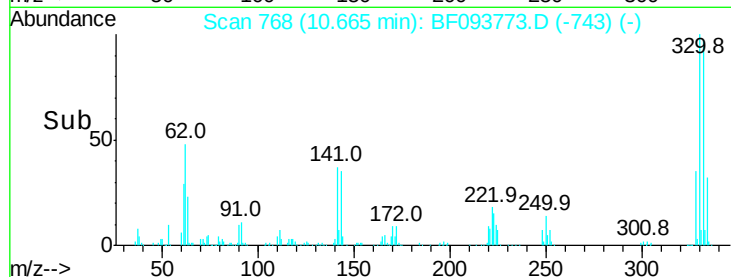
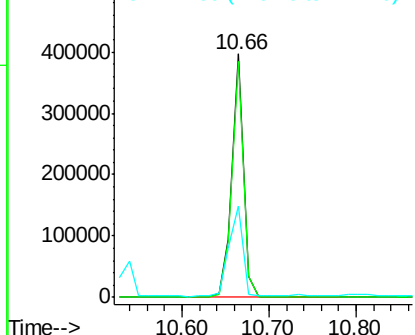
#41
 2,4,6-Tribromophenol
 Concen: 119.44 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	44.8	31.4	47.2

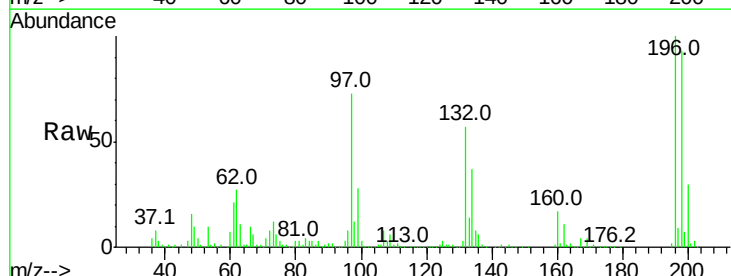


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

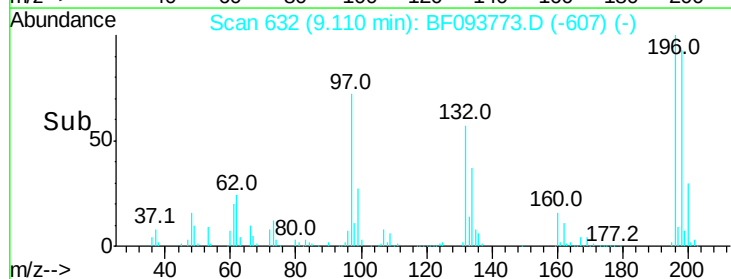
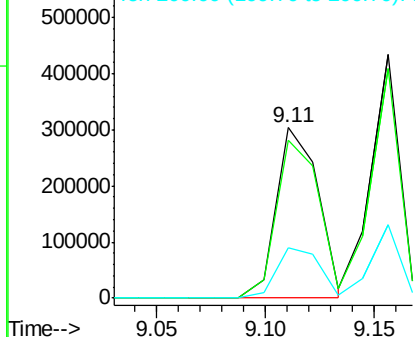


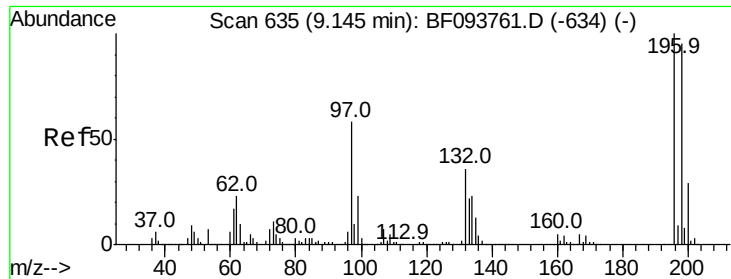
#42
 2,4,6-Trichlorophenol
 Concen: 53.75 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.2	111.4
200	29.6	24.0	36.0



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

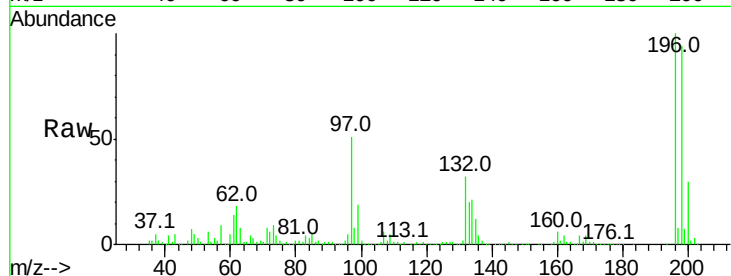




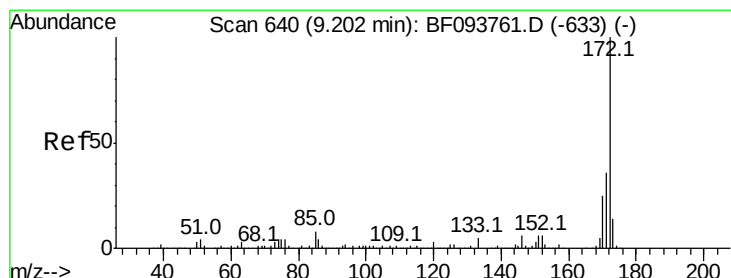
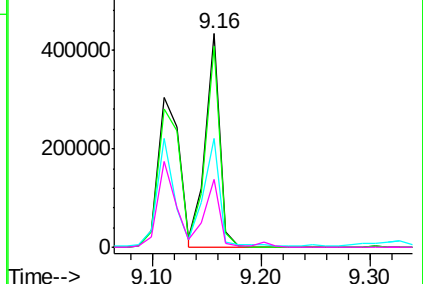
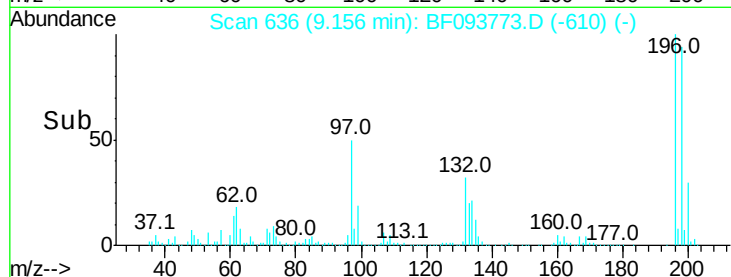
#43
 2,4,5-Trichlorophenol
 Concen: 50.74 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion:196 Resp: 403069
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 97 50.8 47.7 71.5
 132 31.7 28.0 42.0

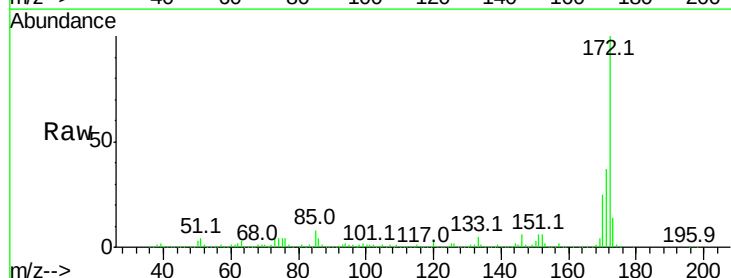


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

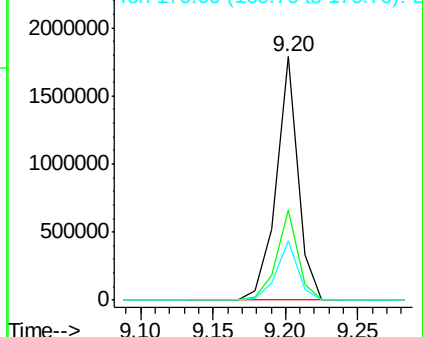
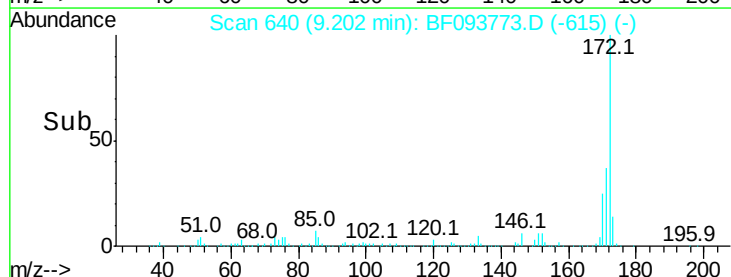


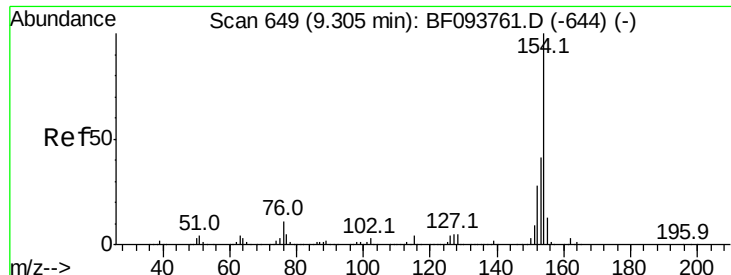
#44
 2-Fluorobiphenyl
 Concen: 78.47 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion:172 Resp: 1857584
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.6 19.8 29.8



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

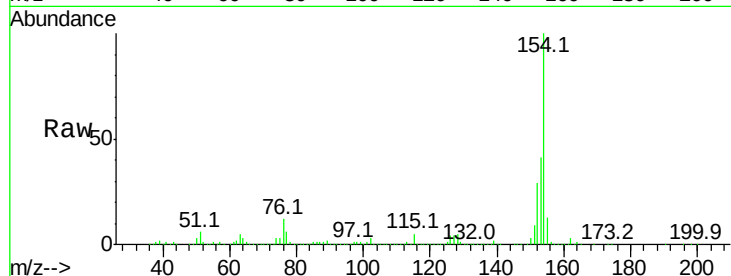




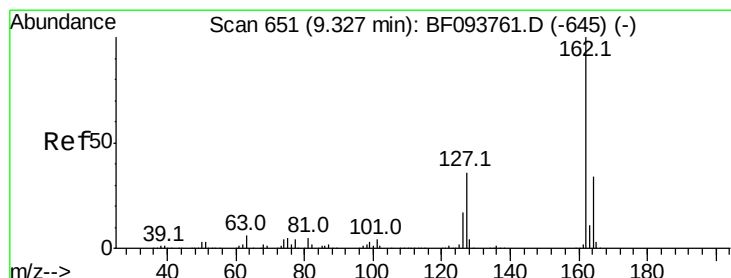
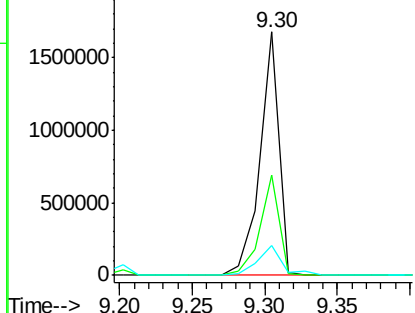
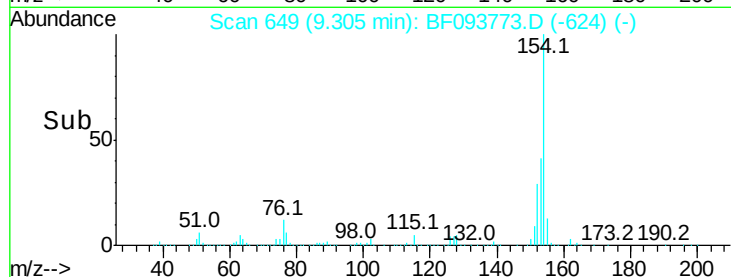
#45
 1,1'-Biphenyl
 Concen: 46.82 ng
 RT: 9.30 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion:154 Resp: 1514714
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 12.5 0.0 29.9

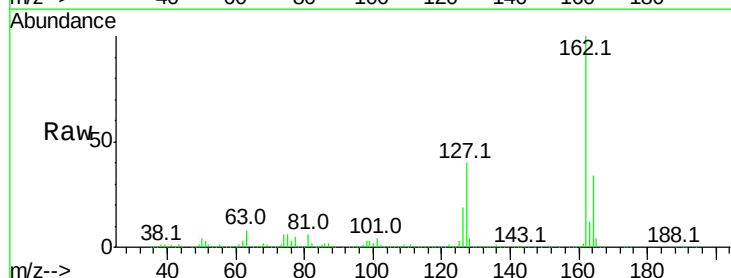


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

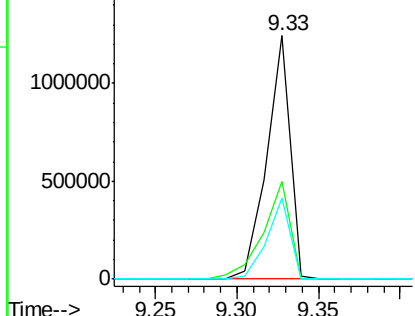
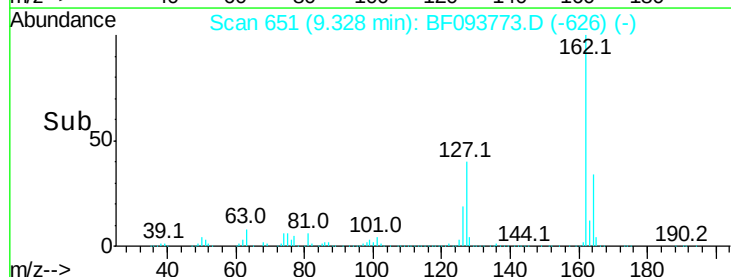


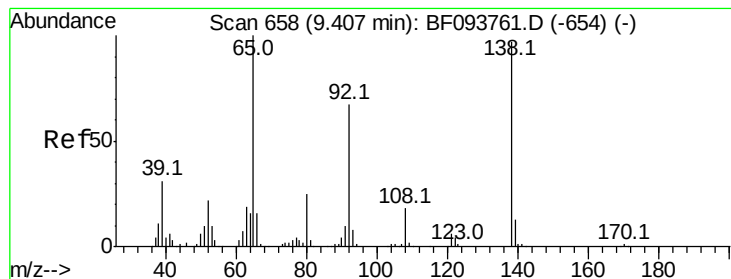
#46
 2-Chloronaphthalene
 Concen: 50.12 ng
 RT: 9.33 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion:162 Resp: 1243233
 Ion Ratio Lower Upper
 162 100
 127 40.0 28.3 42.5
 164 33.5 27.0 40.4



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: 60.91 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

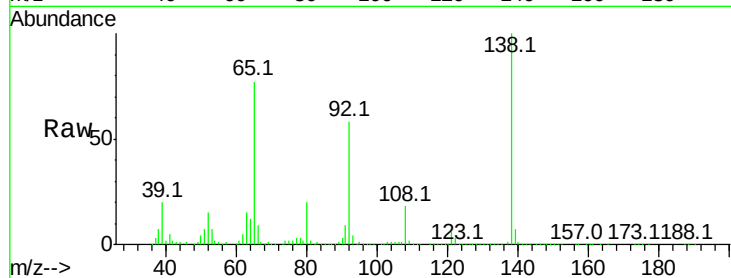
Tot Ion: 65 Resp: 421958

Ion Ratio Lower Upper

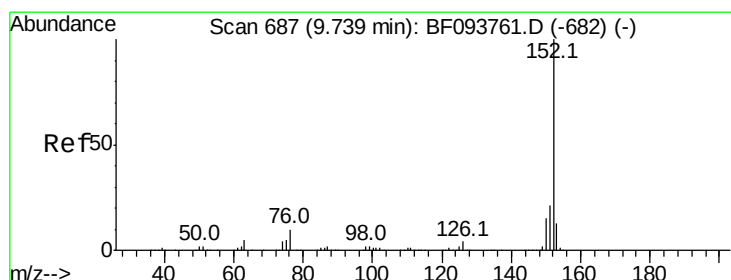
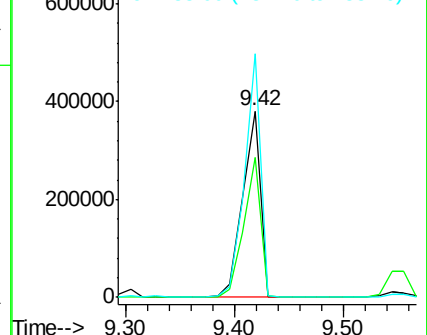
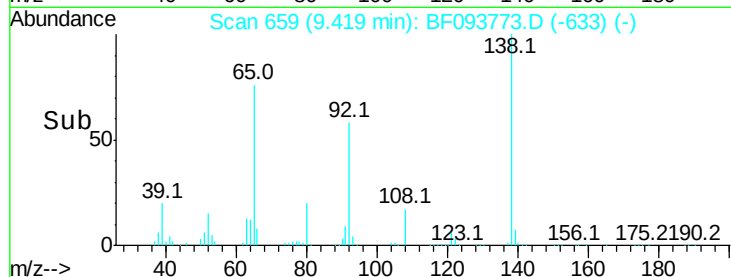
65 100

92 75.4 53.9 80.9

138 130.5 78.8 118.2#



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: 44.35 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

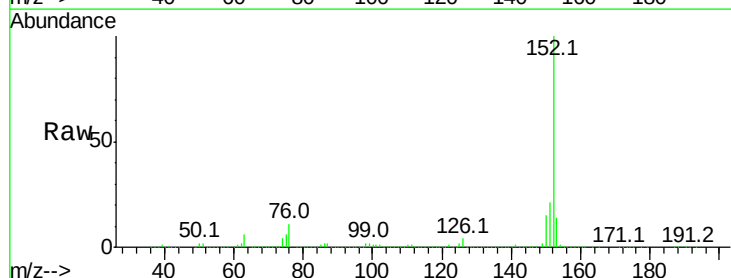
Tgt Ion: 152 Resp: 1790105

Ion Ratio Lower Upper

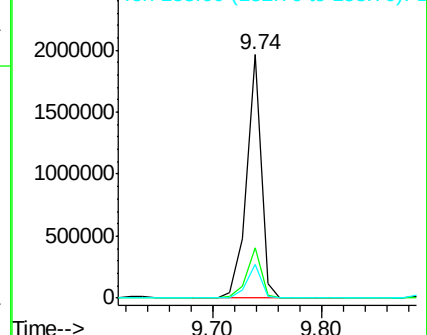
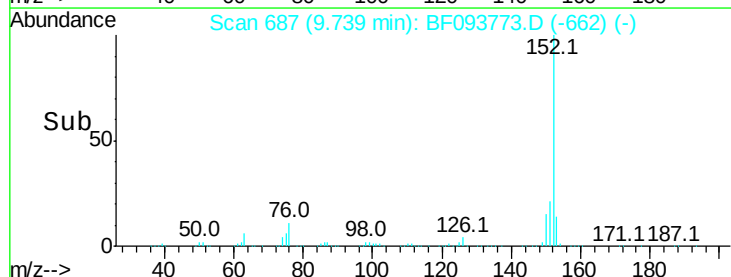
152 100

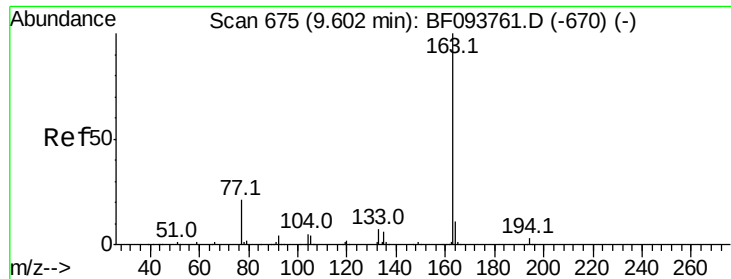
151 20.9 16.8 25.2

153 14.0 10.8 16.2



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: 61.26 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

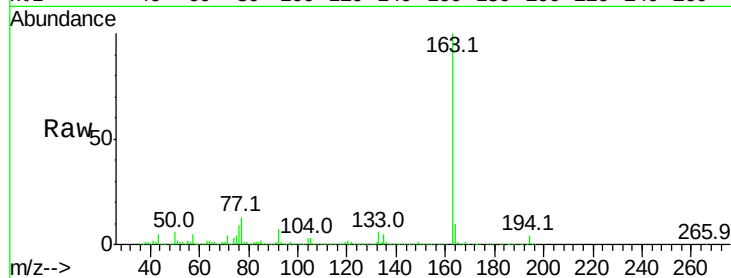
Tot Ion:163 Resp: 1735274

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

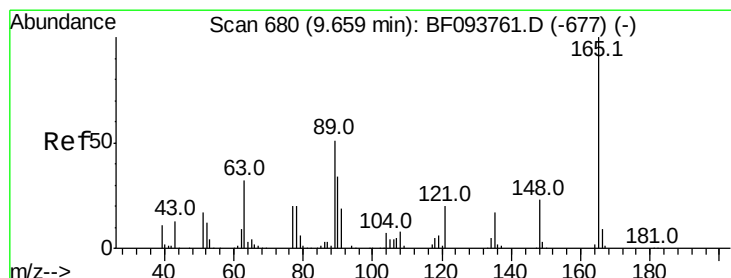
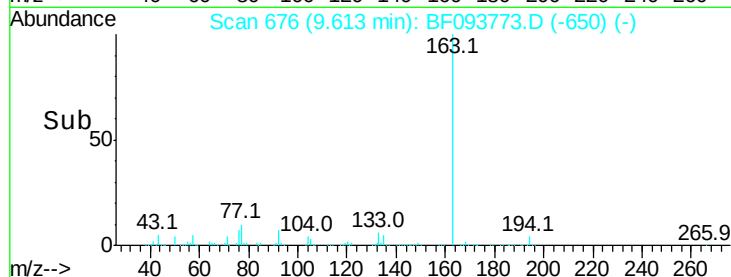
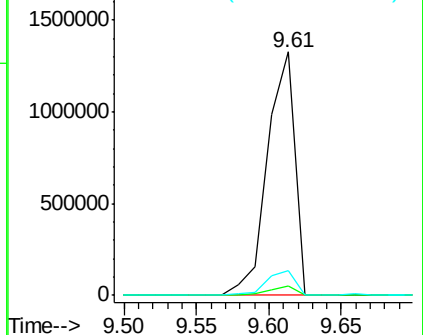
164 10.0 8.4 12.6



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: 47.53 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

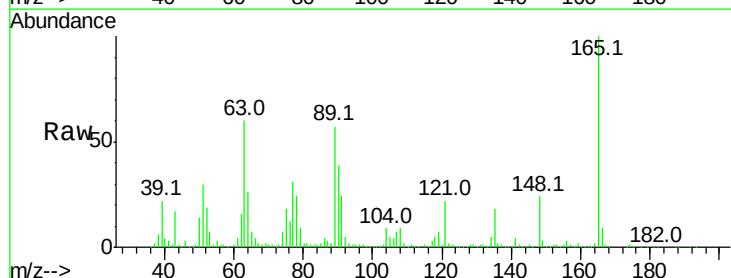
Tgt Ion:165 Resp: 295618

Ion Ratio Lower Upper

165 100

63 59.5 34.3 51.5#

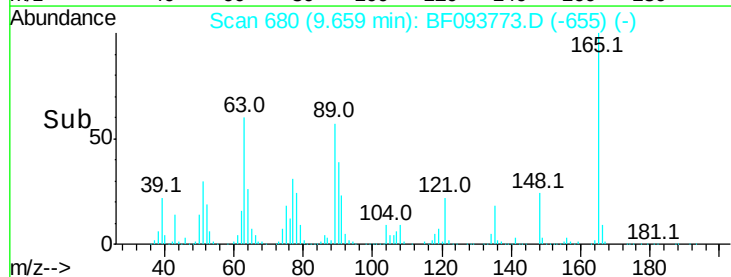
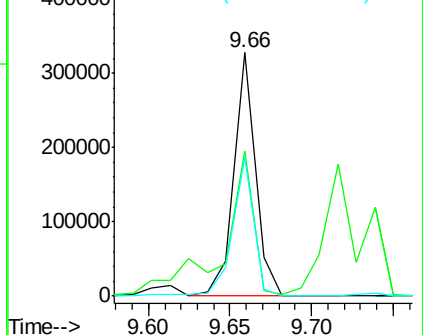
89 57.0 37.1 55.7#

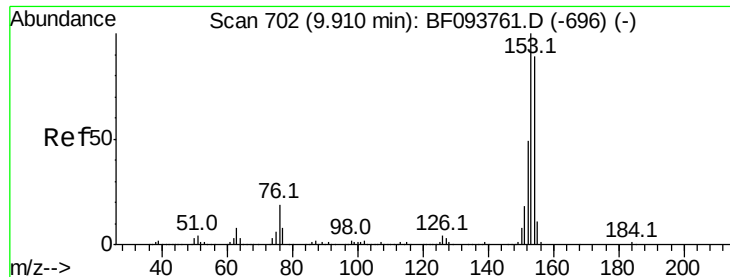


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.57 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

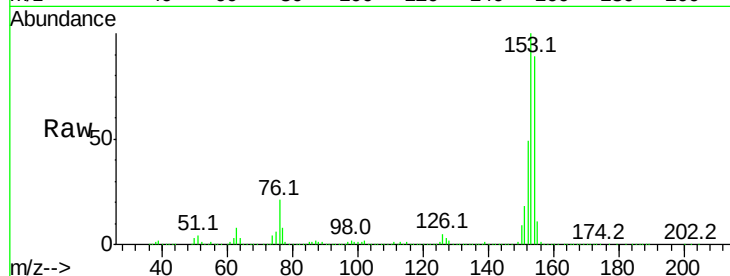
Tot Ion:154 Resp: 1002298

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

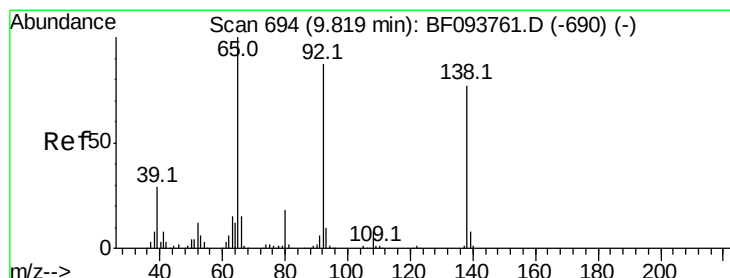
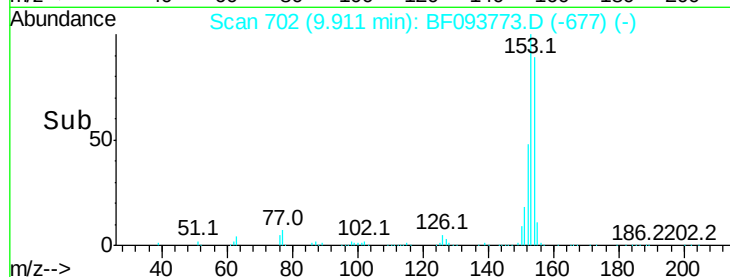
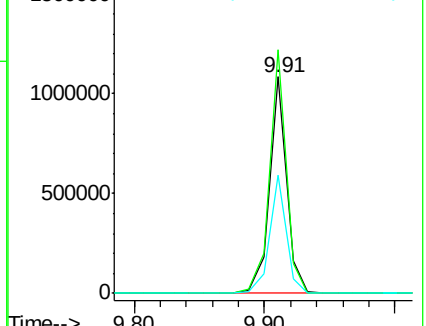
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.11 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

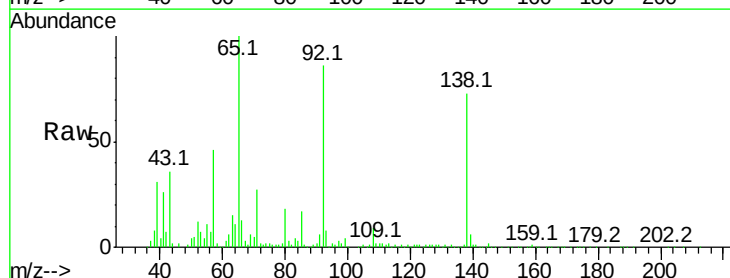
Tgt Ion:138 Resp: 217335

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

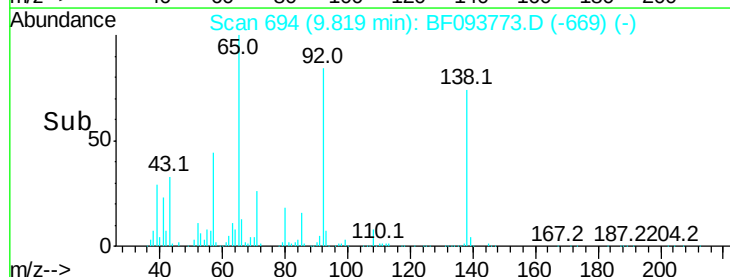
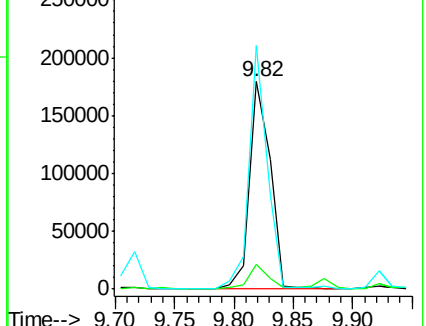
92 117.5 93.8 140.6

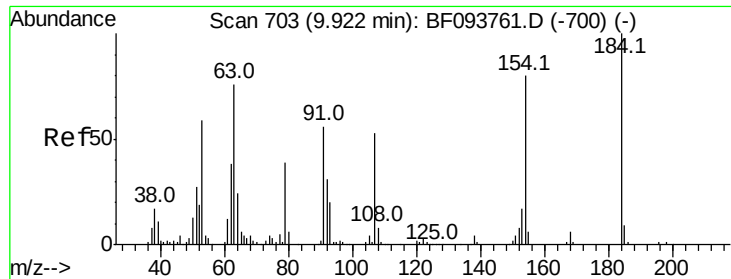


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

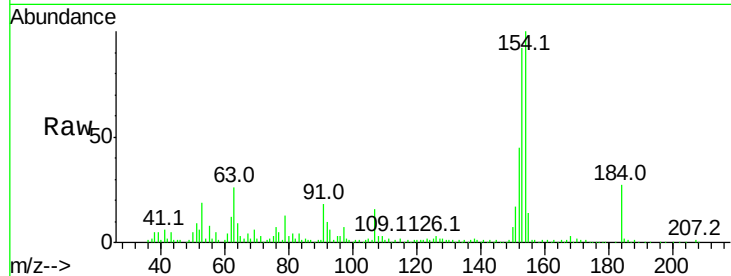




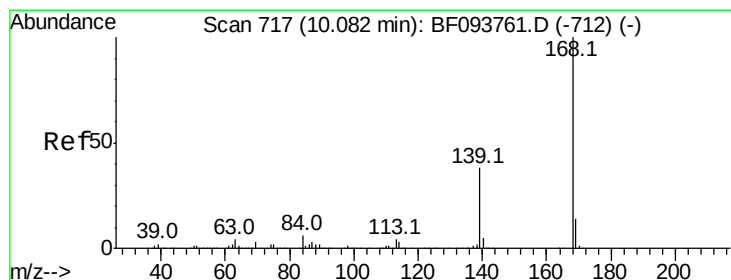
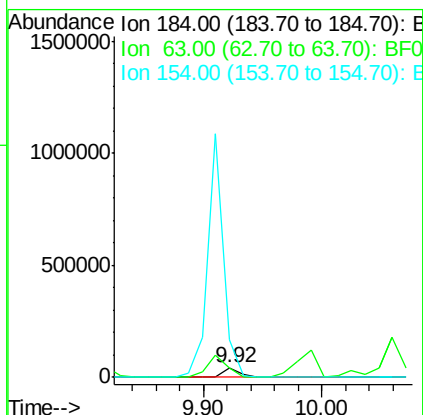
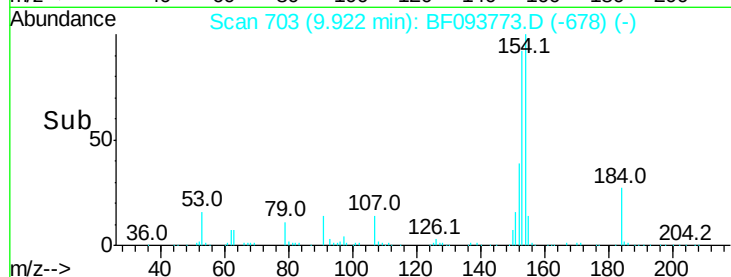
#53
 2,4-Dinitrophenol
 Concen: 16.35 ng
 RT: 9.92 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion:184 Resp: 39904
 Ion Ratio Lower Upper
 184 100
 63 96.9 62.7 94.1#
 154 374.0 81.1 121.7#

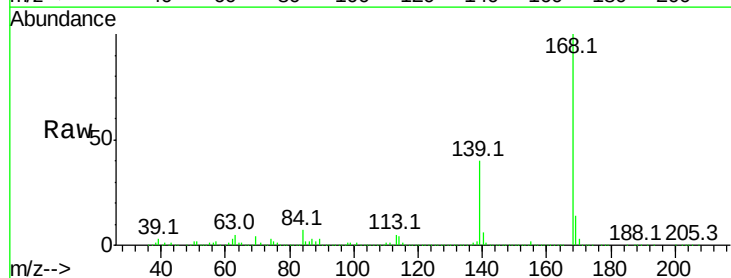


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

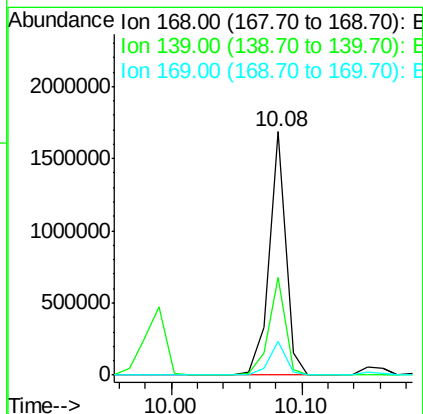
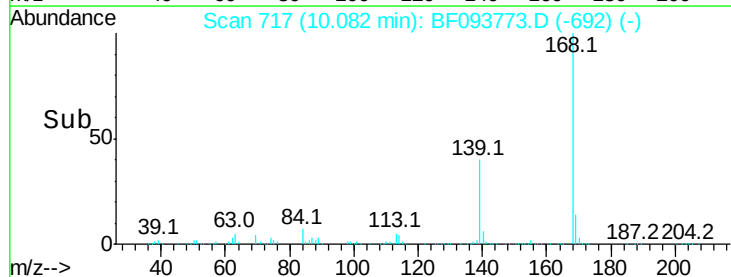


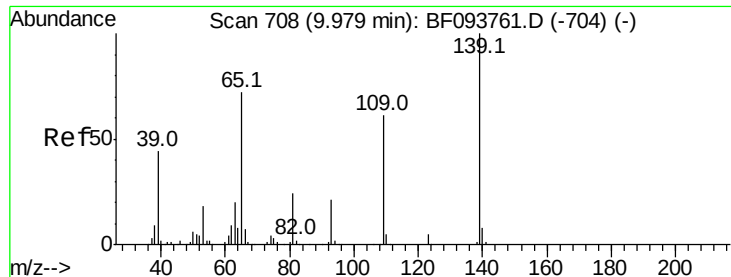
#54
 Dibenzofuran
 Concen: 46.45 ng
 RT: 10.08 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion:168 Resp: 1507203
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.6 45.8
 169 14.1 10.8 16.2



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

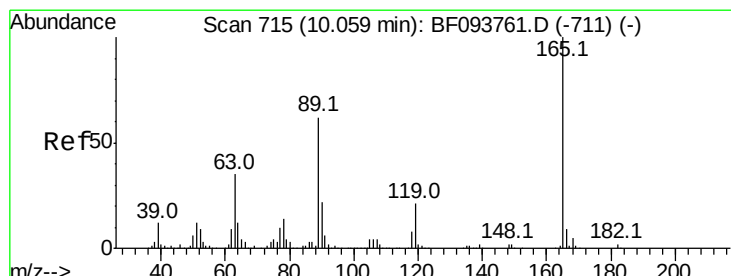
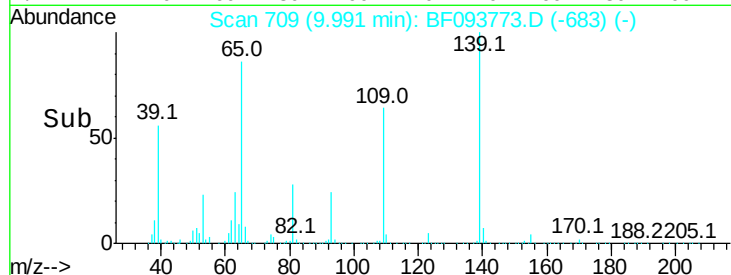
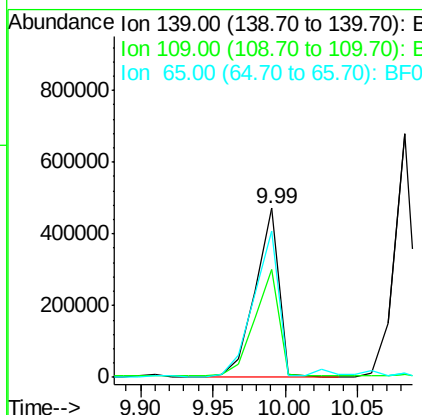
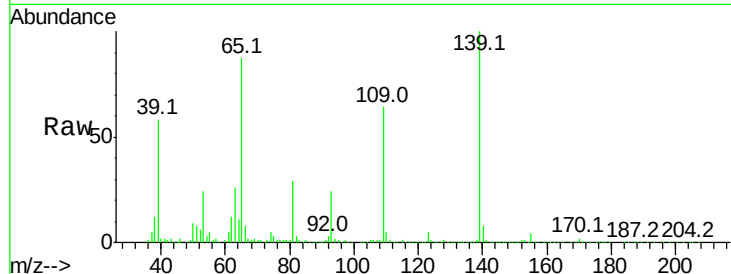




#55
4-Nitrophenol
Concen: 95.12 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

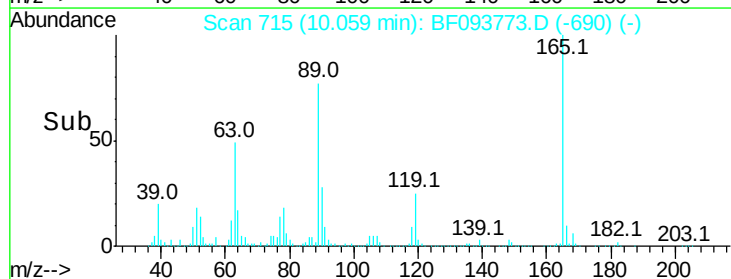
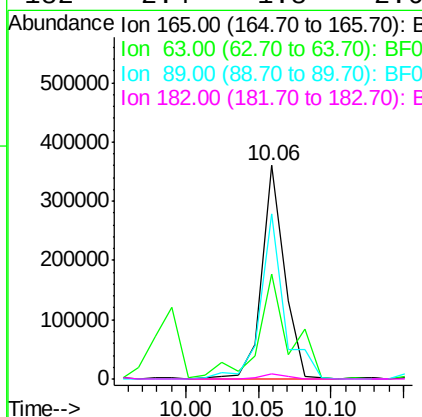
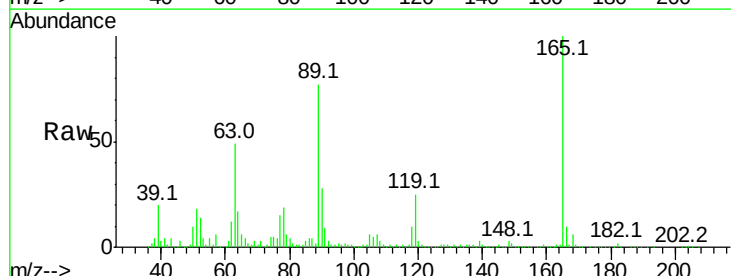
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

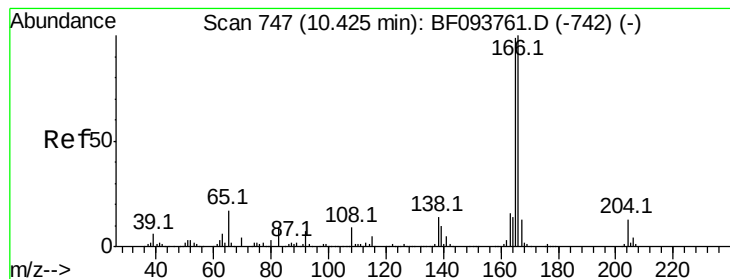
Tot Ion:139 Resp: 533377
Ion Ratio Lower Upper
139 100
109 64.1 34.1 74.1
65 86.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.80 ng
RT: 10.06 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:165 Resp: 385271
Ion Ratio Lower Upper
165 100
63 49.1 25.4 38.0#
89 77.2 46.4 69.6#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 44.58 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

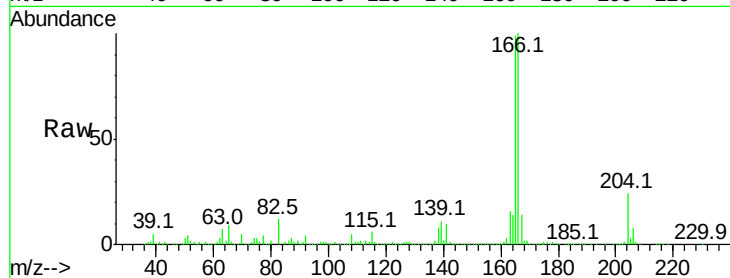
Tot Ion:166 Resp: 1107676

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

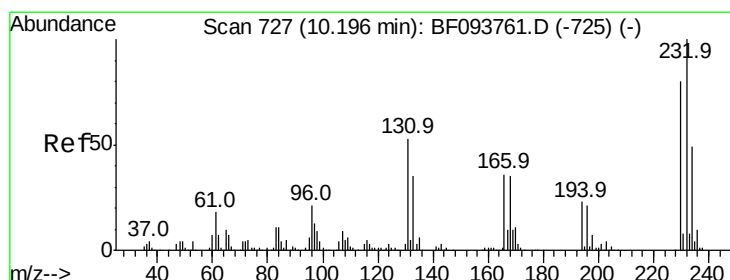
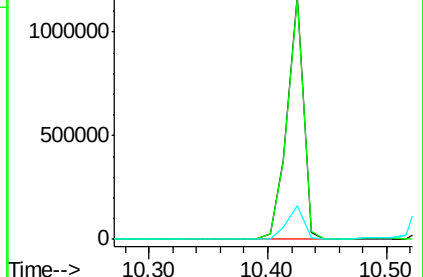
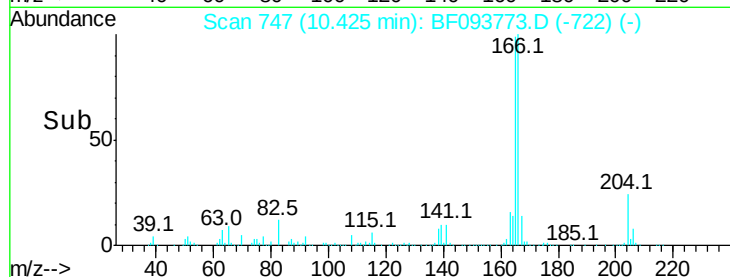
167 13.7 10.6 16.0



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: 49.95 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion:232 Resp: 272596

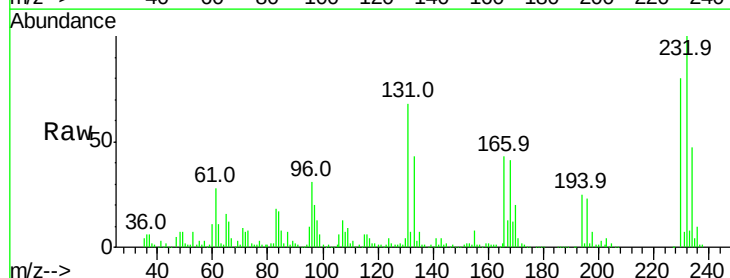
Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 3.0 2.3 3.5

166 35.2 29.0 43.4

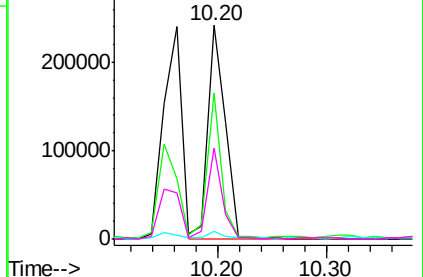
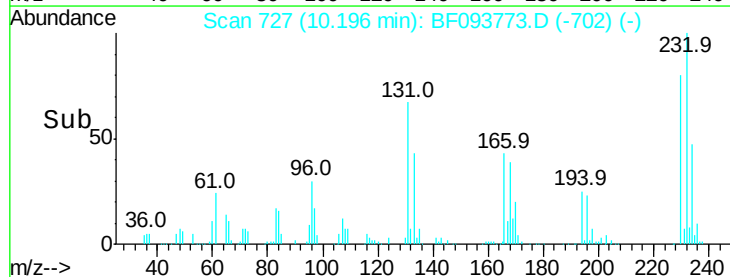


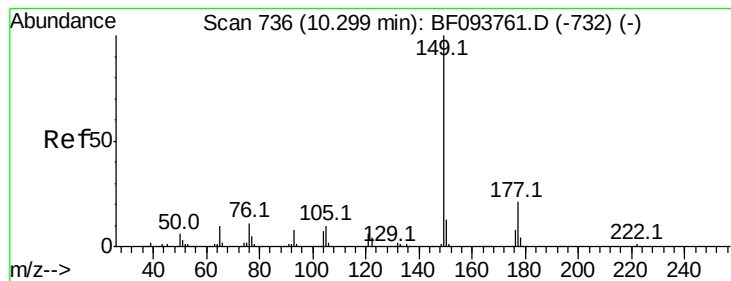
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.04 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

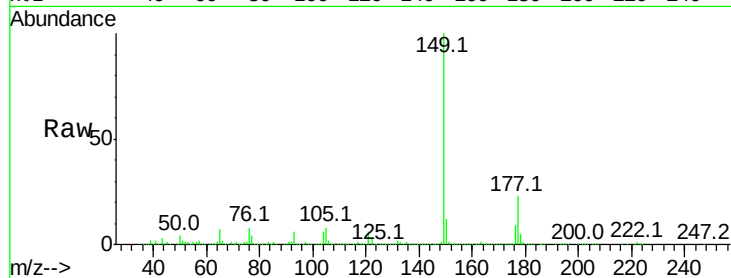
Tot Ion:149 Resp: 1464253

Ion Ratio Lower Upper

149 100

177 23.0 16.7 25.1

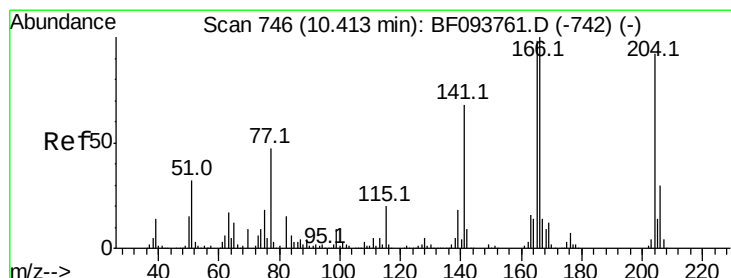
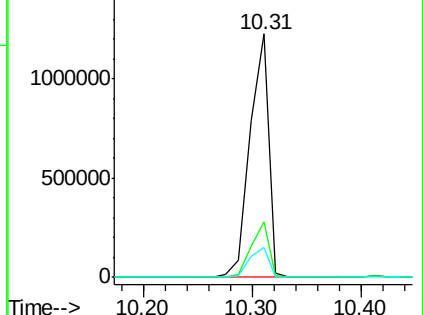
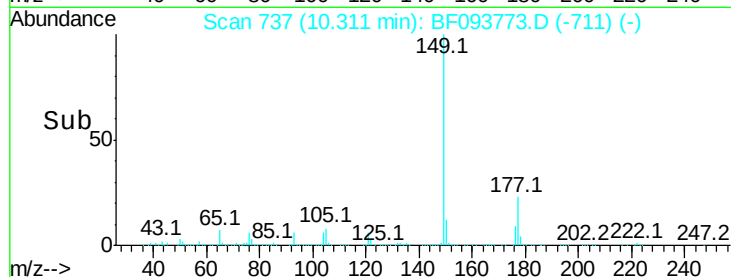
150 12.5 10.2 15.2



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: 46.12 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

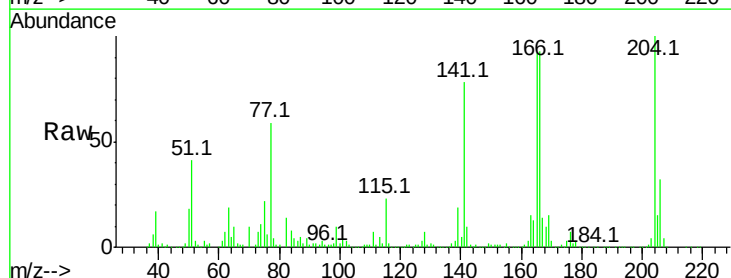
Tgt Ion:204 Resp: 483063

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

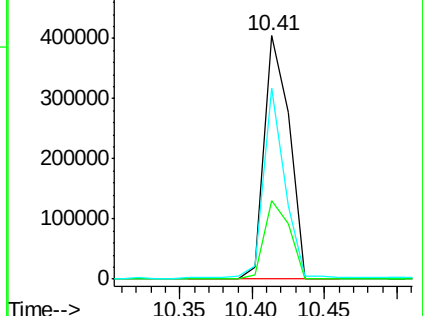
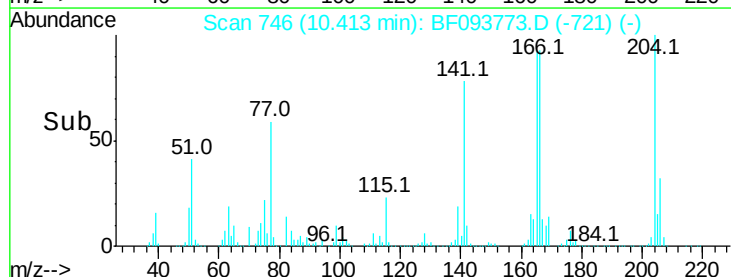
141 78.5 60.8 91.2

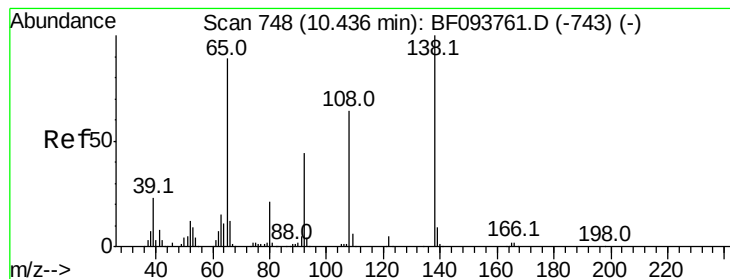


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.03 ng

RT: 10.44 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

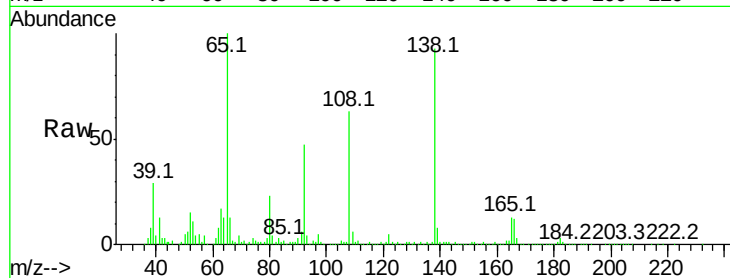
Tot Ion:138 Resp: 280667

Ion Ratio Lower Upper

138 100

92 50.1 21.8 61.8

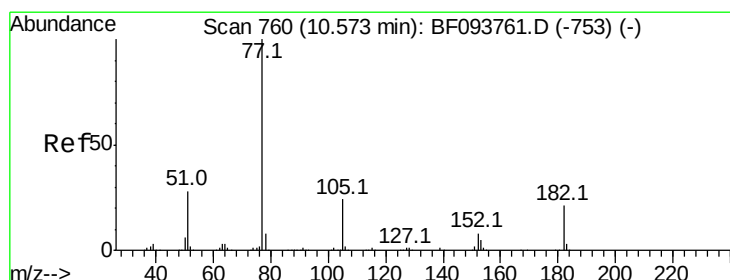
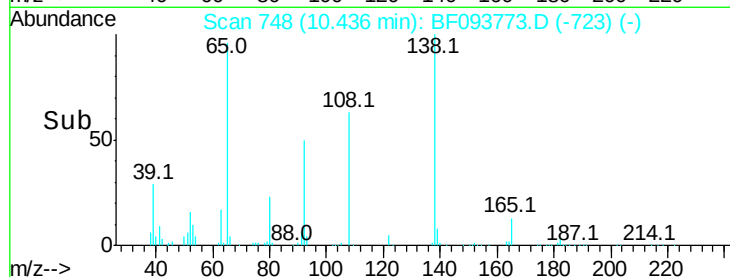
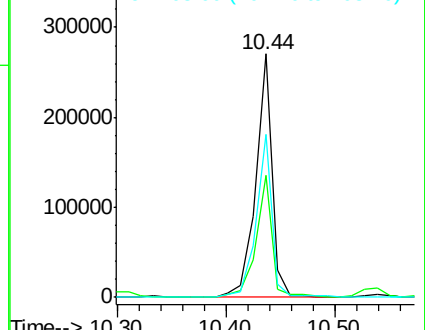
108 67.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.23 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion: 77 Resp: 1344231

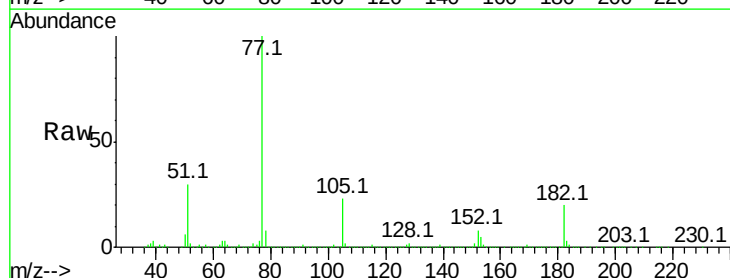
Ion Ratio Lower Upper

77 100

182 20.4 0.1 40.1

105 23.1 3.6 43.6

51 29.8 9.4 49.4

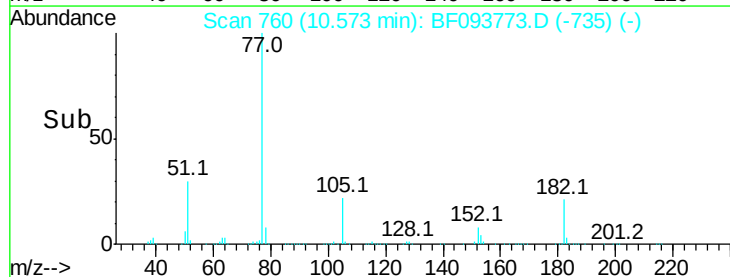
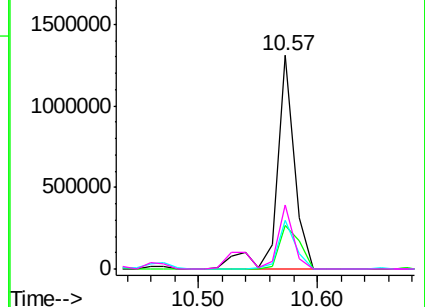


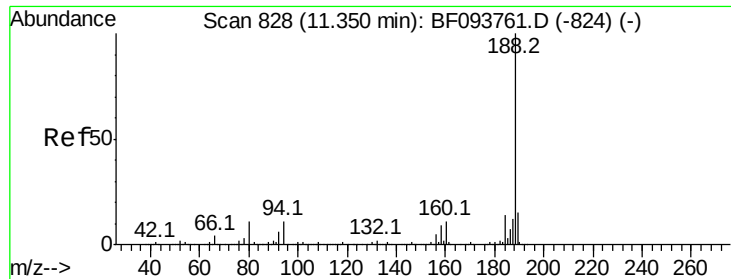
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

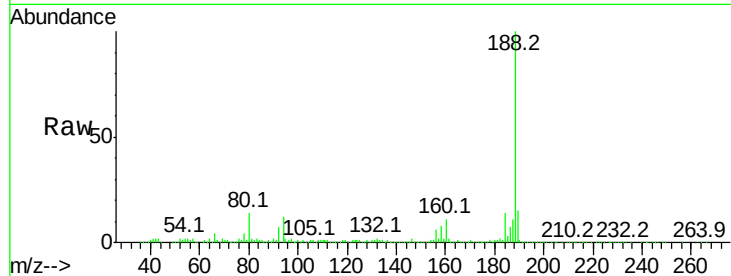
Tot Ion:188 Resp: 627510

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

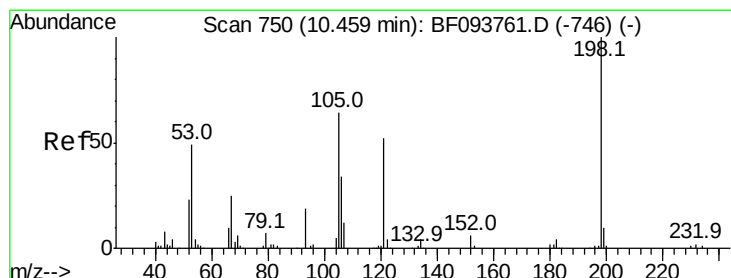
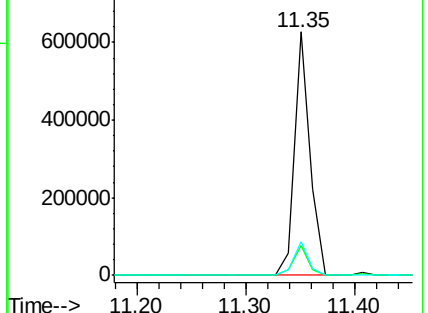
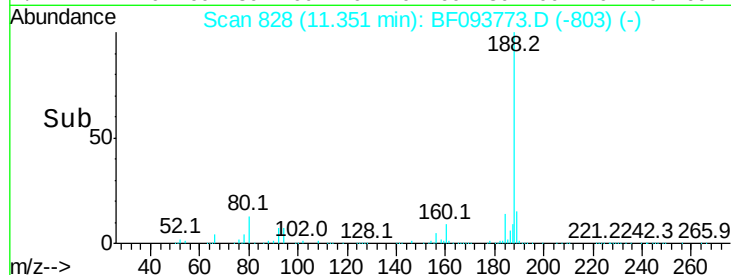
80 14.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.60 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

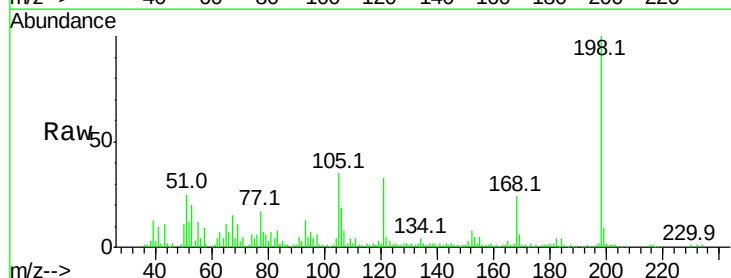
Tgt Ion:198 Resp: 107626

Ion Ratio Lower Upper

198 100

51 24.8 53.2 93.2#

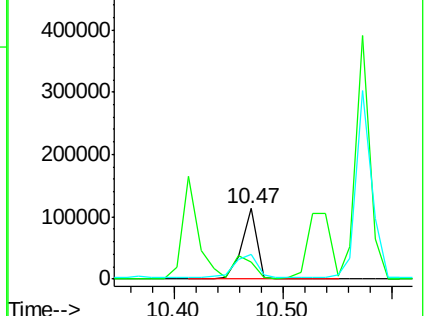
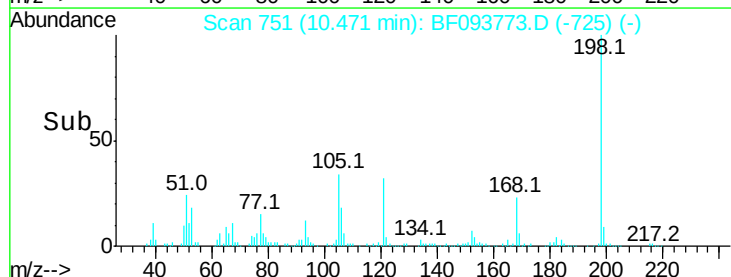
105 35.2 45.8 85.8#

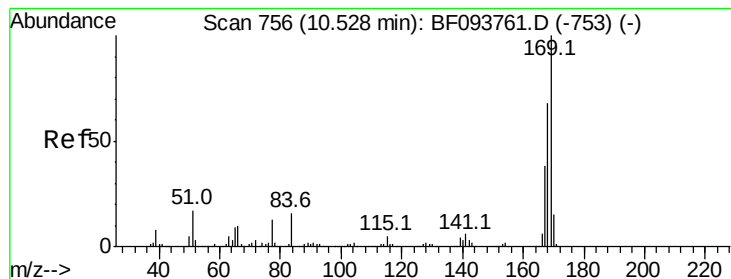


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 55.91 ng

RT: 10.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

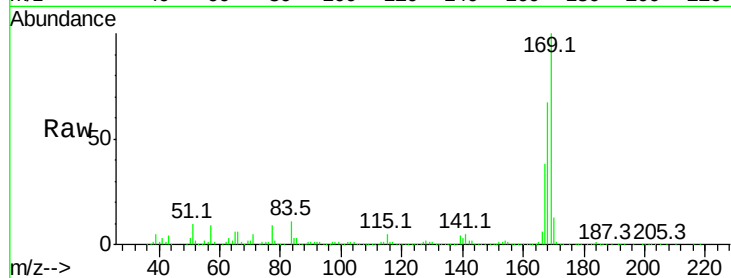
Tot Ion:169 Resp: 1169686

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

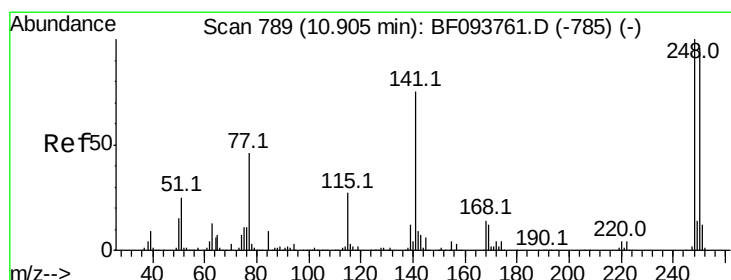
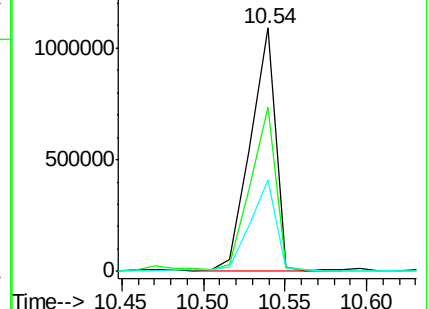
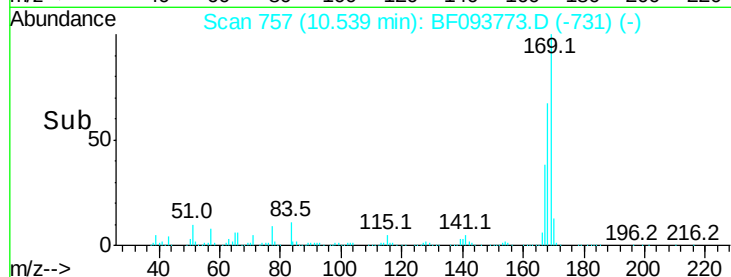
167 37.6 29.5 44.3



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: 50.80 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

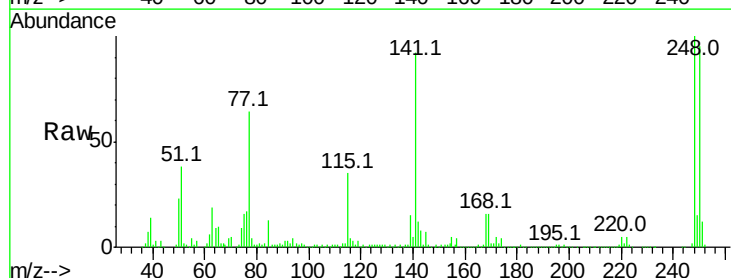
Tgt Ion:248 Resp: 306835

Ion Ratio Lower Upper

248 100

250 95.3 76.8 115.2

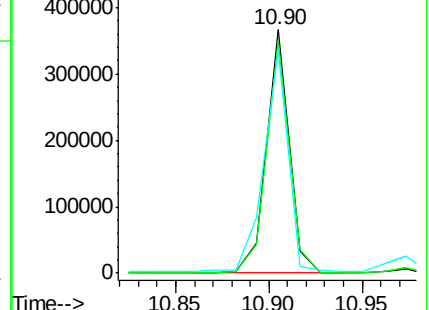
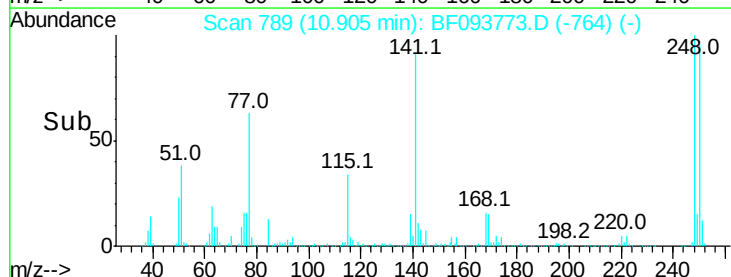
141 91.6 68.6 103.0

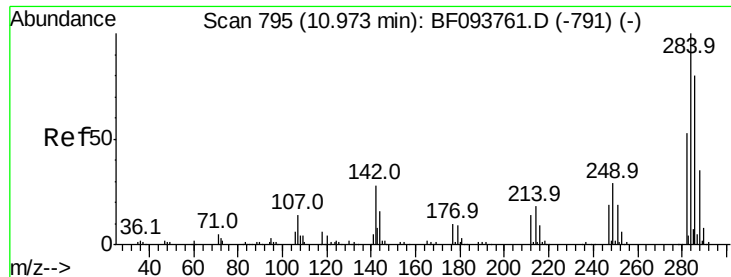


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

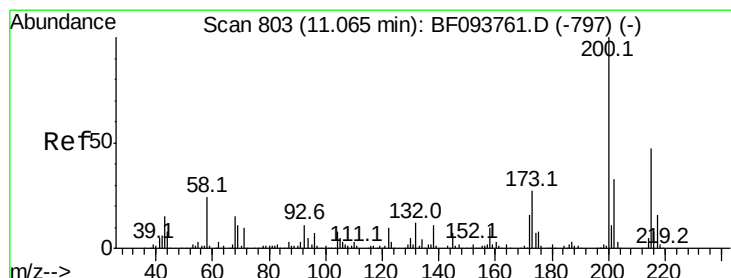
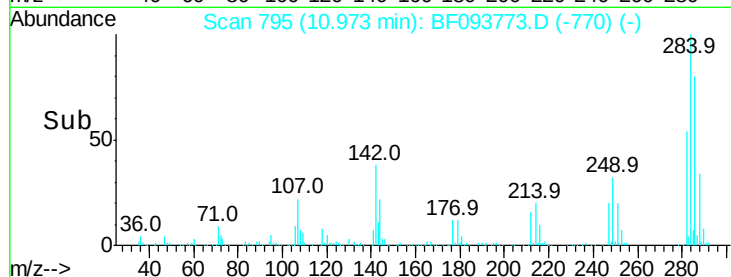
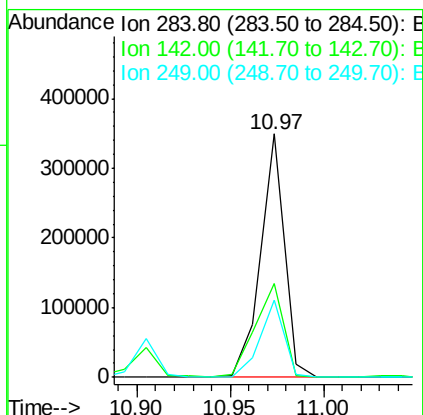
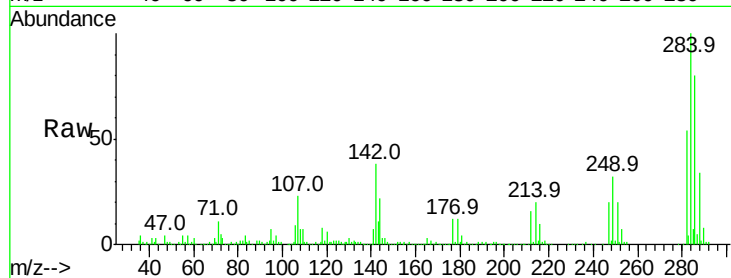




#67
Hexachlorobenzene
Concen: 49.22 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

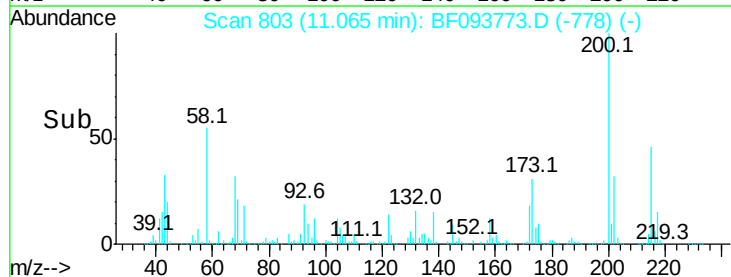
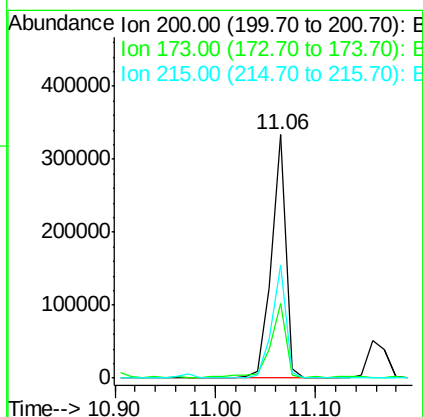
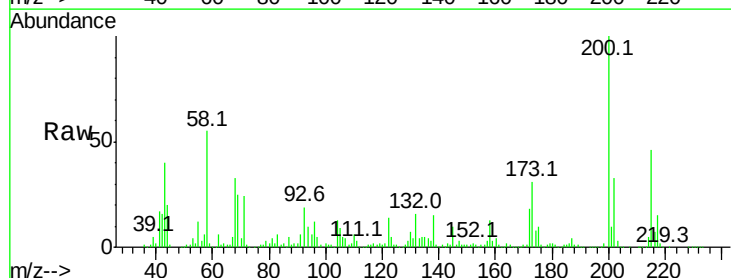
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

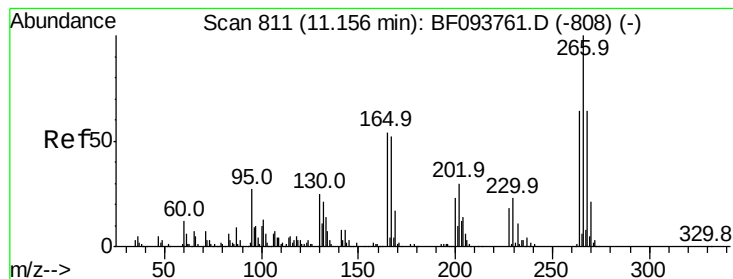
Tot Ion:284 Resp: 306579
Ion Ratio Lower Upper
284 100
142 38.4 22.8 34.2#
249 31.7 24.0 36.0



#68
Atrazine
Concen: 51.69 ng
RT: 11.06 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:200 Resp: 331912
Ion Ratio Lower Upper
200 100
173 30.8 6.3 46.3
215 46.2 27.2 67.2





#69

Pentachlorophenol

Concen: 90.50 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

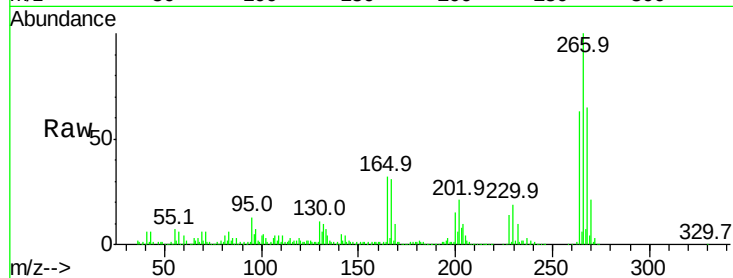
Tot Ion:266 Resp: 329651

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

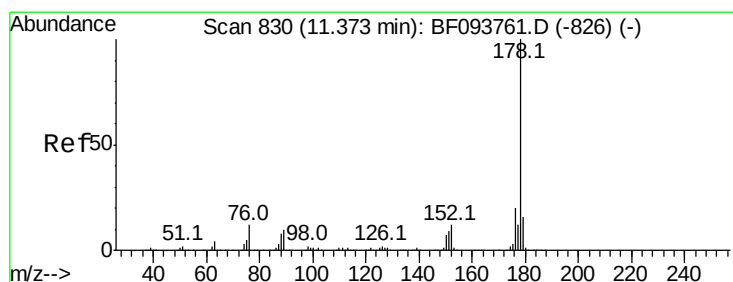
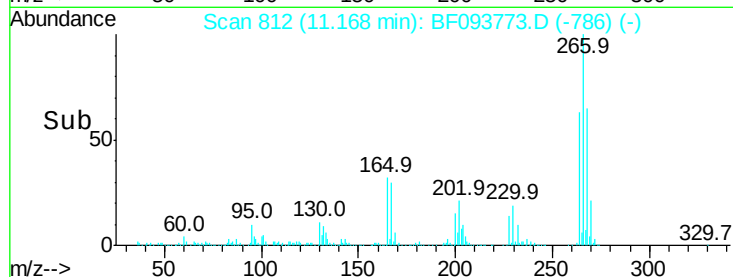
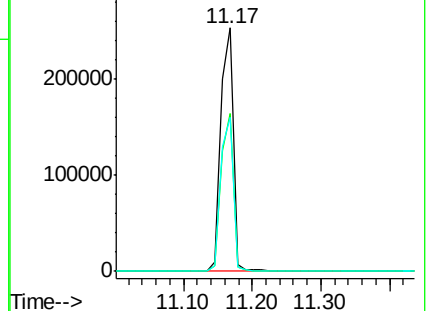
264 63.0 51.7 77.5



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: 49.12 ng

RT: 11.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

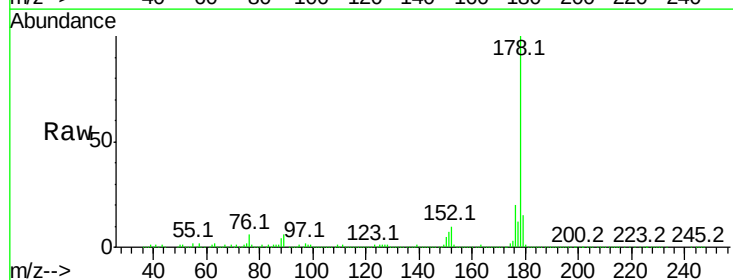
Tgt Ion:178 Resp: 1641587

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

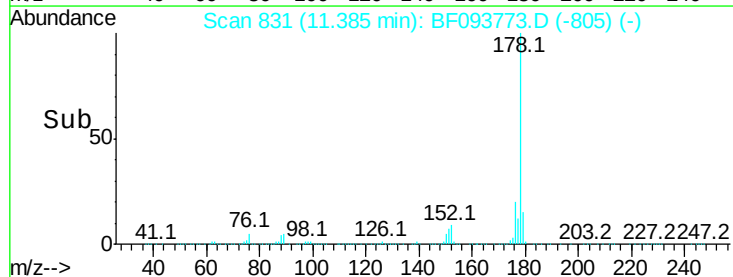
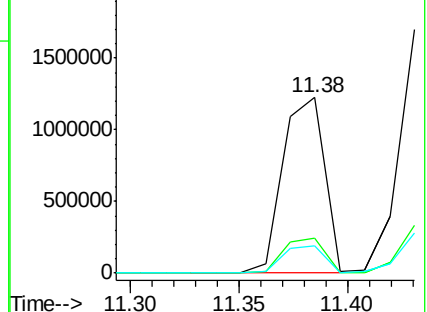
179 15.5 12.6 19.0

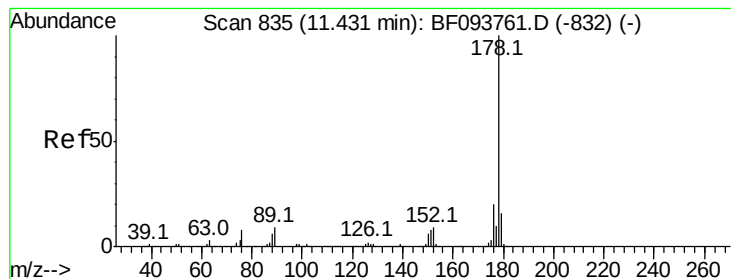


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.56 ng

RT: 11.43 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

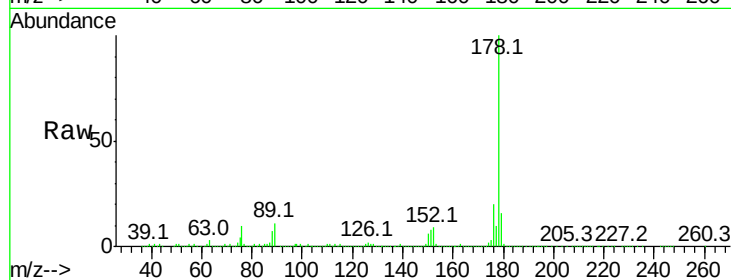
Tot Ion:178 Resp: 1567713

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

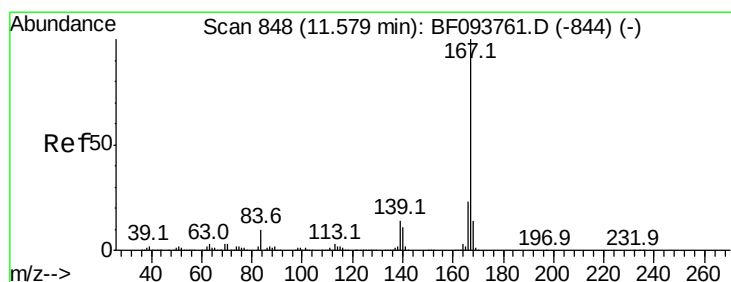
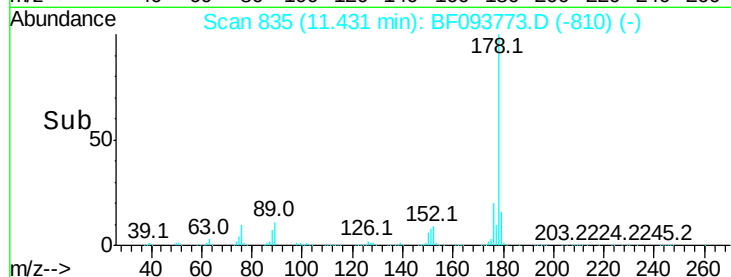
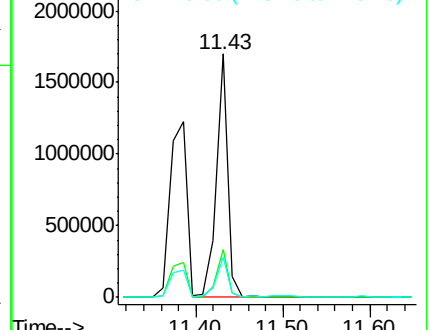
179 16.3 12.7 19.1



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: 43.04 ng

RT: 11.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

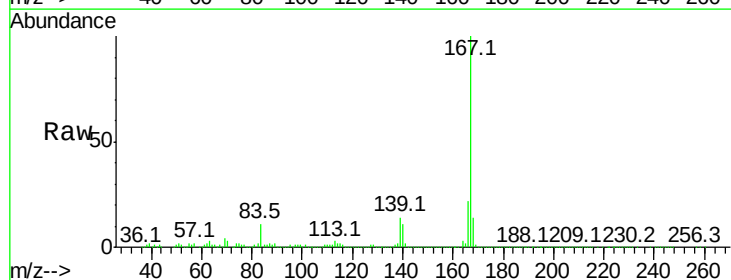
Tgt Ion:167 Resp: 1466114

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

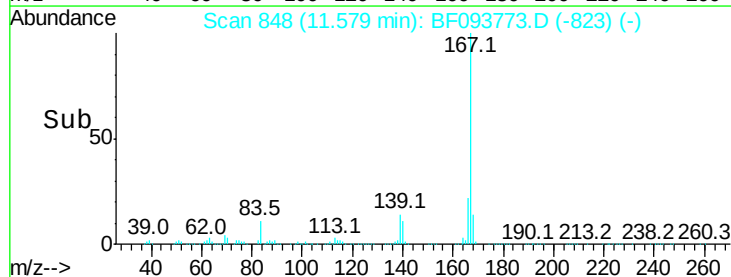
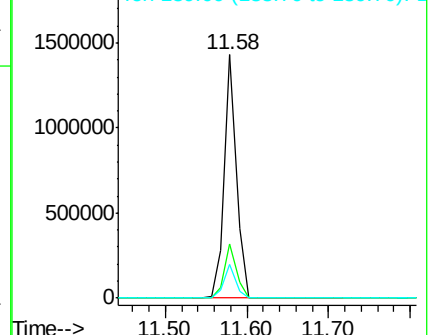
139 14.0 11.7 17.5

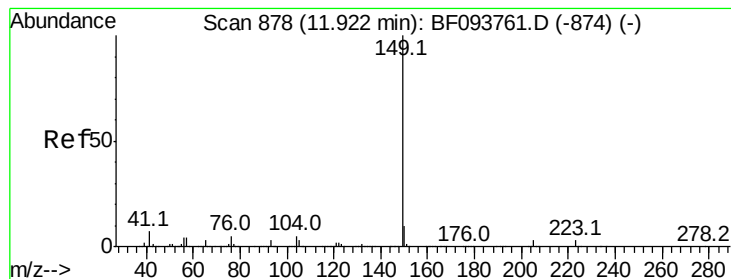


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.68 ng

RT: 11.92 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

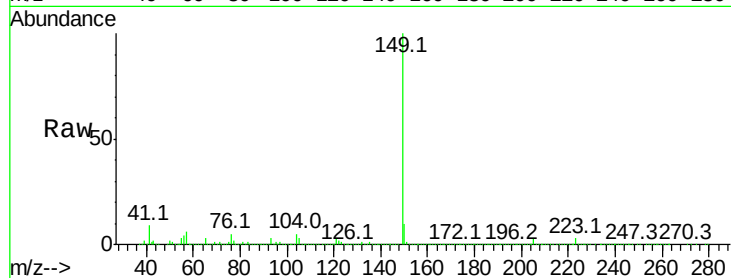
Tot Ion:149 Resp: 1821556

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

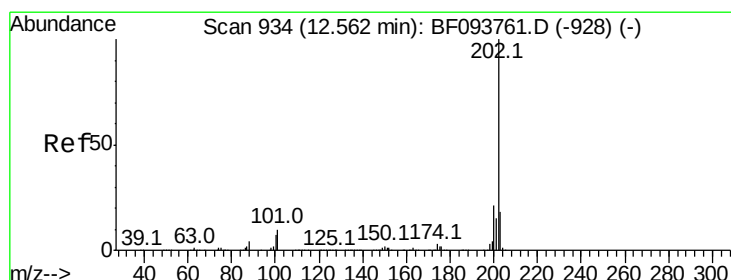
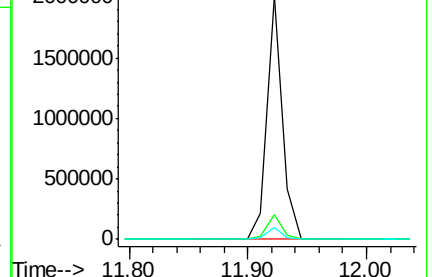
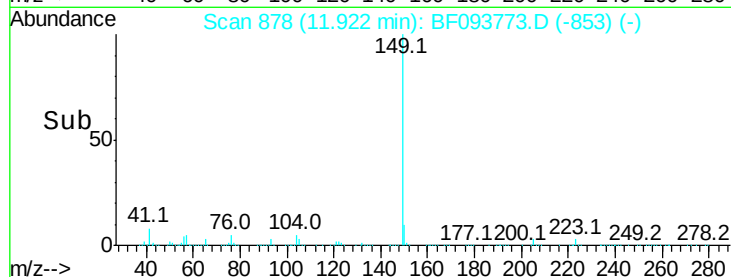
104 5.1 4.0 6.0



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: 41.82 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

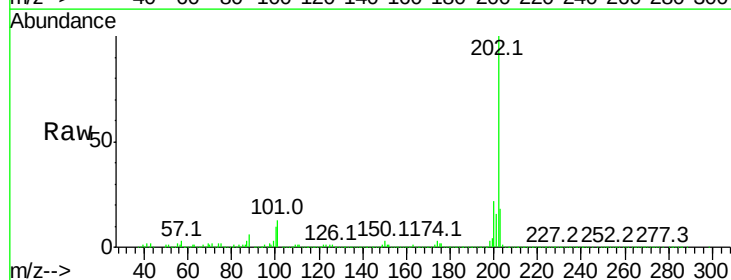
Tgt Ion:202 Resp: 1436488

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

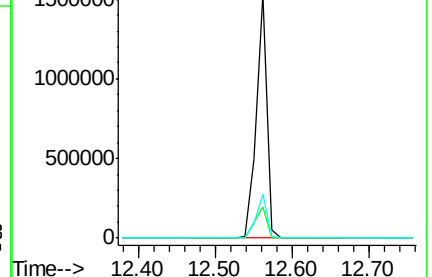
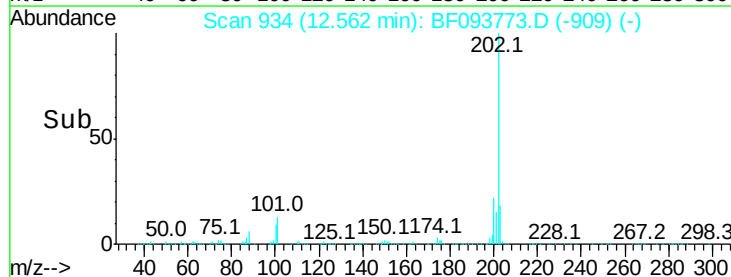
203 18.1 0.0 38.1

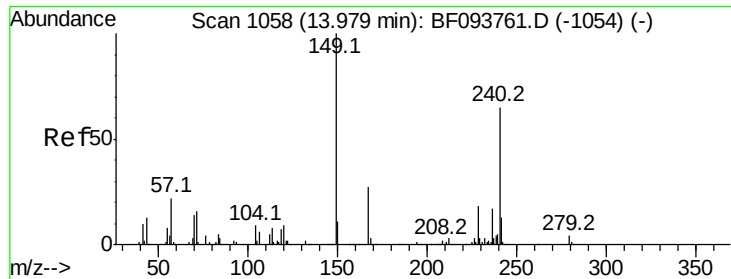


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

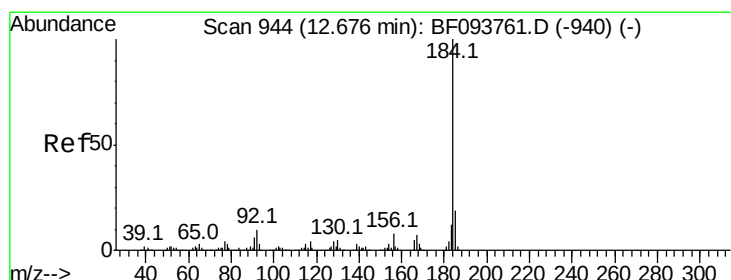
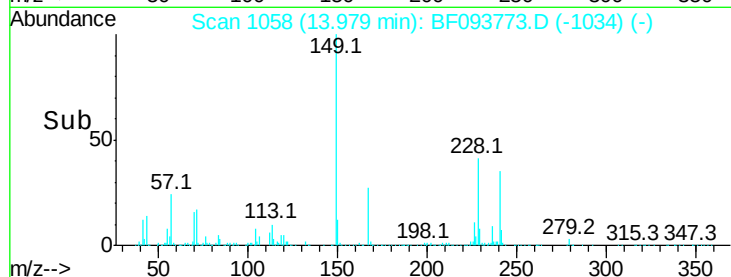
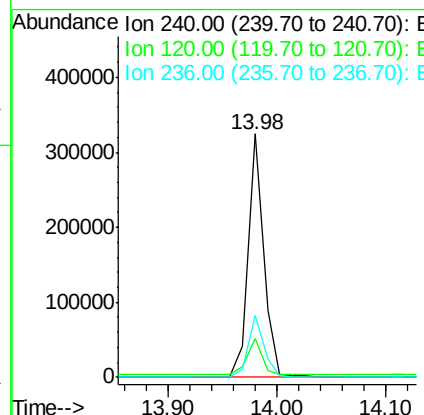
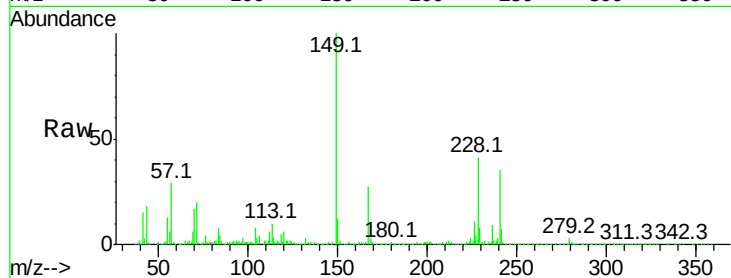




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

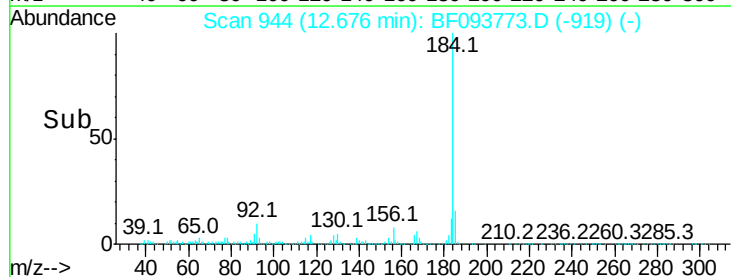
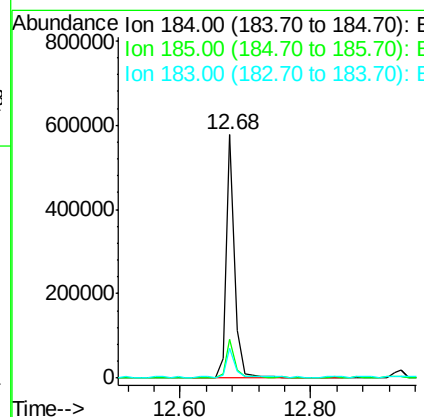
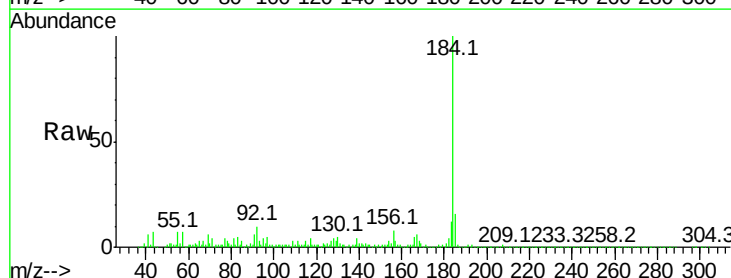
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

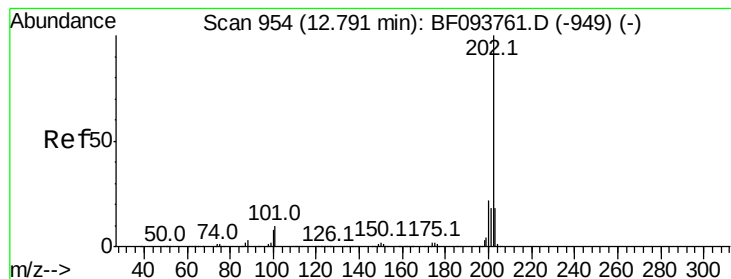
Tot Ion:240 Resp: 316899
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.5 20.5 30.7



#76
Benzidine
Concen: 37.57 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:184 Resp: 522303
Ion Ratio Lower Upper
184 100
185 16.0 15.5 23.3
183 12.3 9.8 14.6





#77

Pvrene

Concen: 55.41 ng

RT: 12.79 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

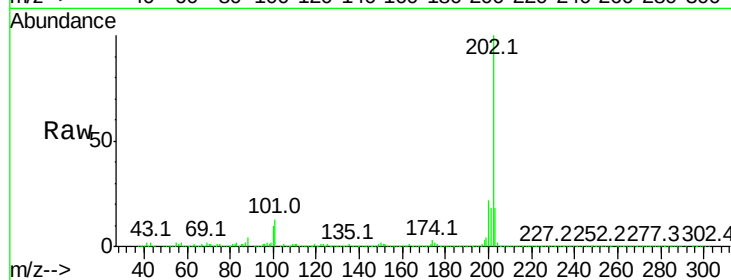
BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:202 Resp: 1461154

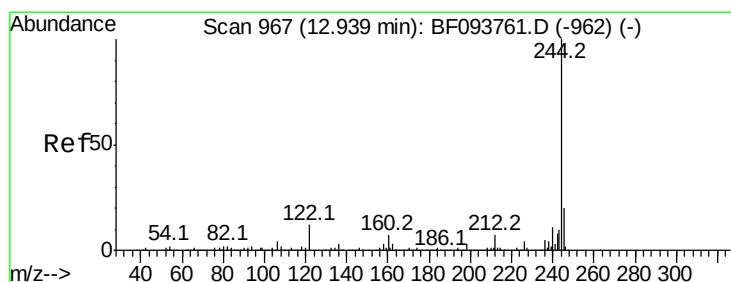
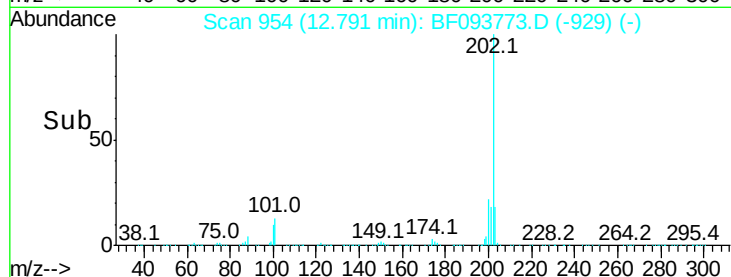
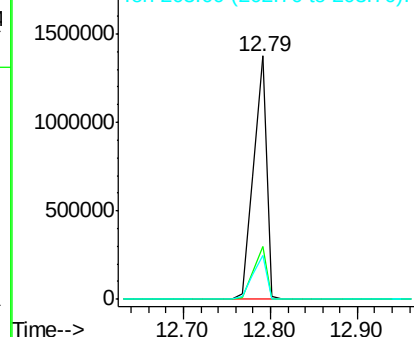
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.9	14.4	21.6



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: 88.87 ng

RT: 12.94 min Scan# 967

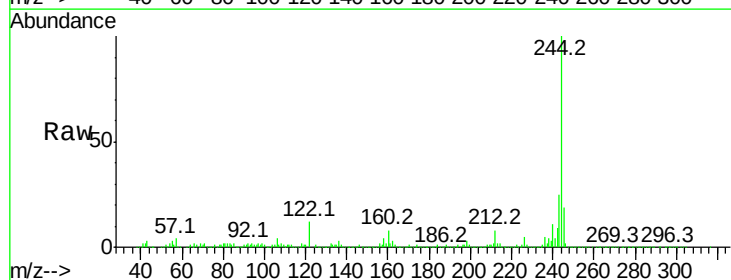
Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Tgt Ion:244 Resp: 1381299

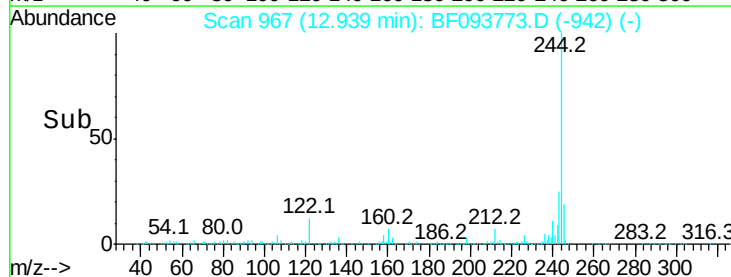
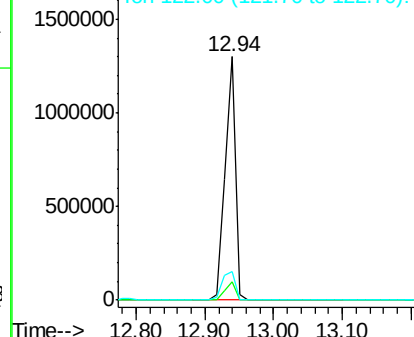
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.0	10.3	15.5

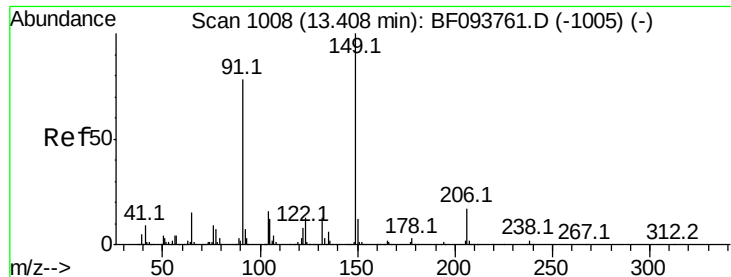


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.24 ng

RT: 13.41 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

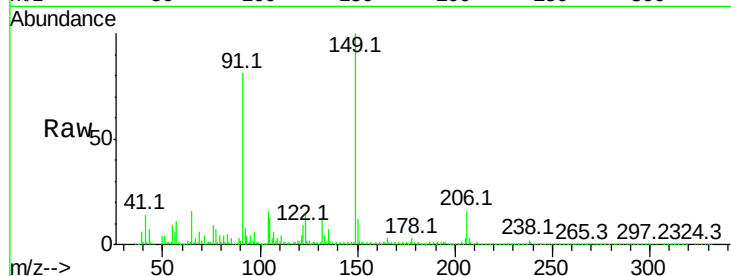
Tot Ion:149 Resp: 662919

Ion Ratio Lower Upper

149 100

91 80.7 45.0 67.4#

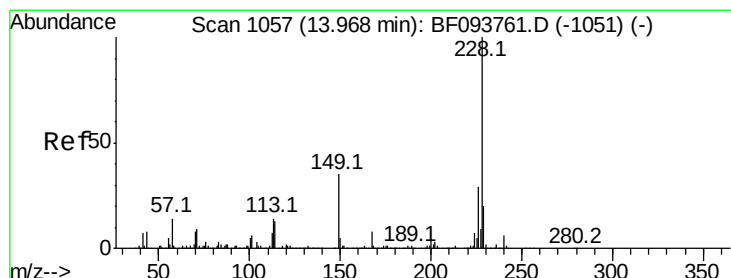
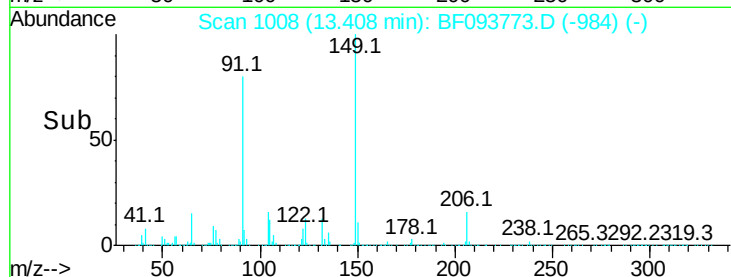
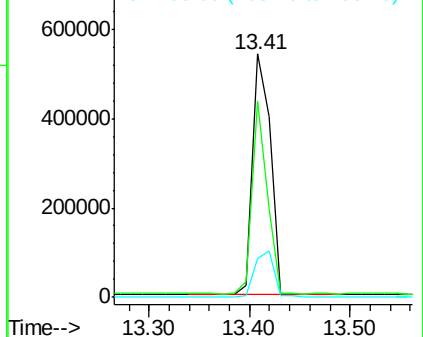
206 15.9 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.56 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

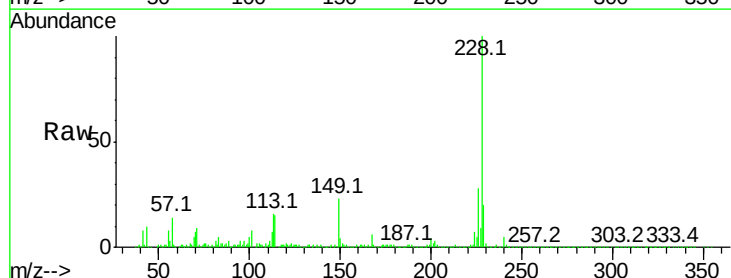
Tgt Ion:228 Resp: 963978

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

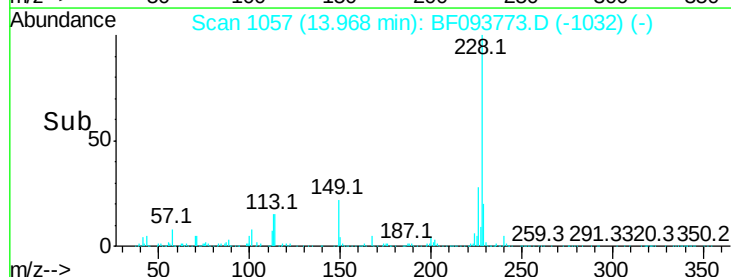
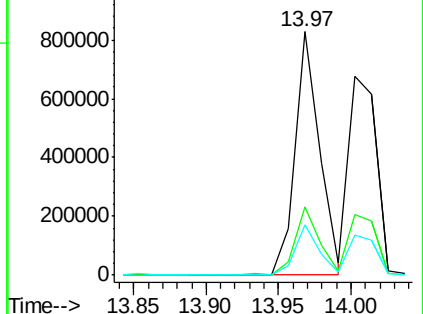
229 20.5 16.3 24.5

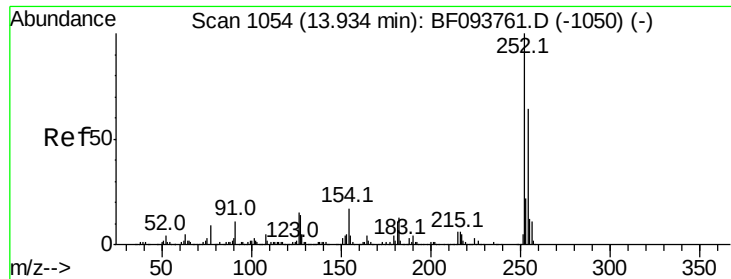


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

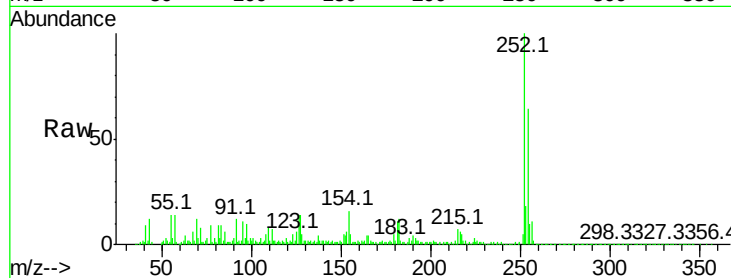




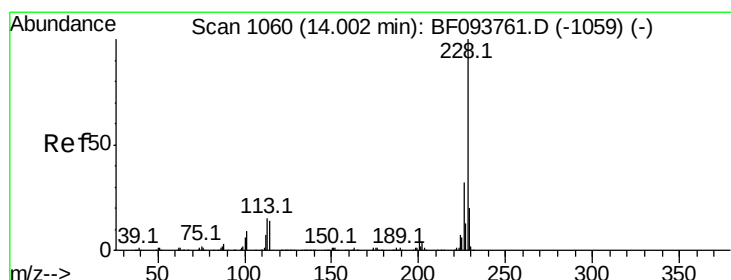
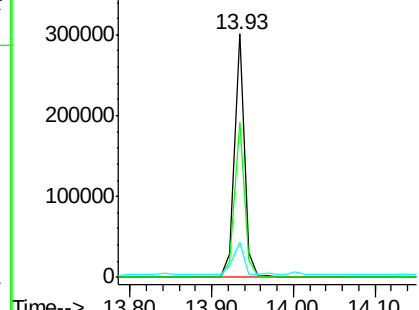
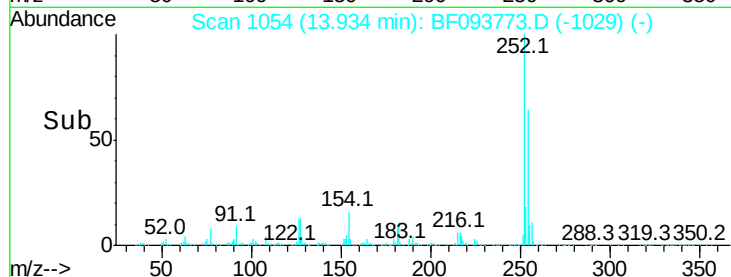
#81
 3,3'-Dichlorobenzidine
 Concen: 33.52 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	14.4	15.8	23.8#

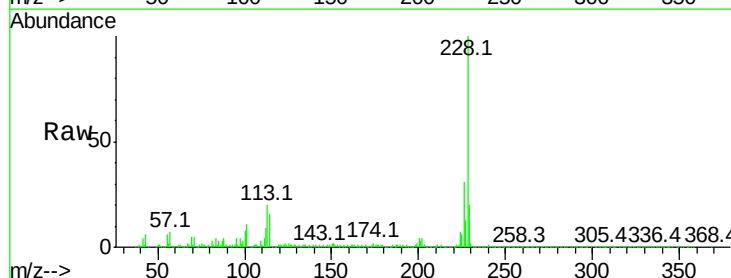


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

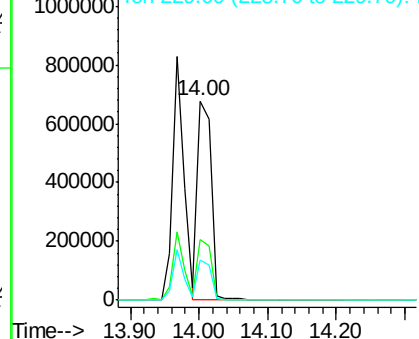
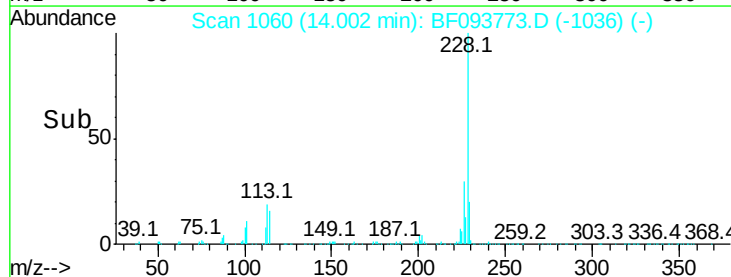


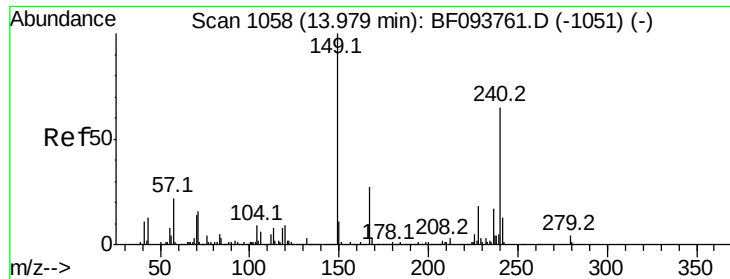
#82
 Chrysene
 Concen: 45.77 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.1	15.8	23.6



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

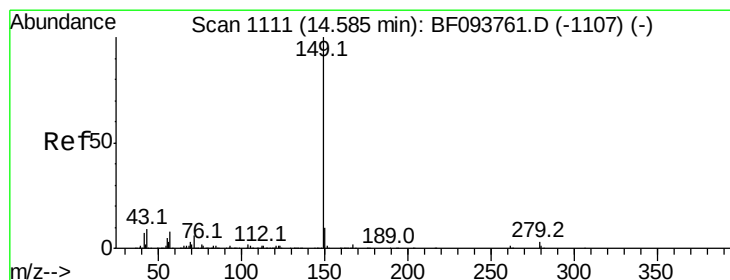
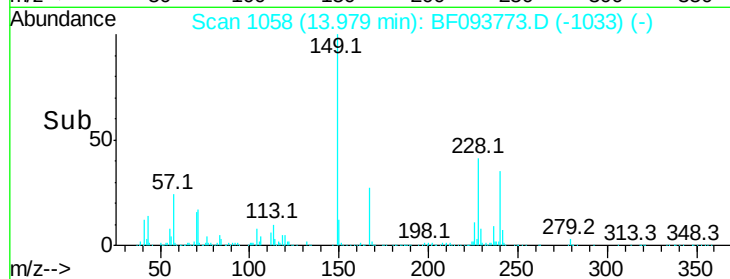
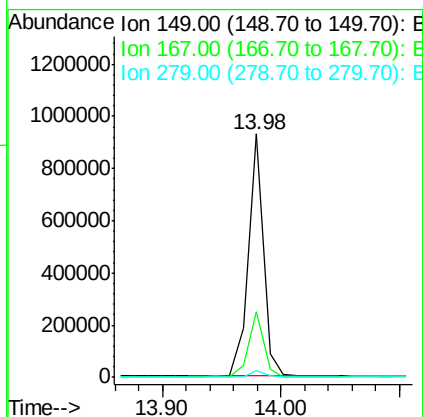
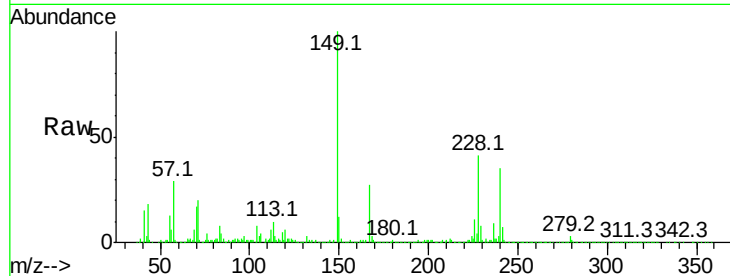




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.48 ng
 RT: 13.98 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

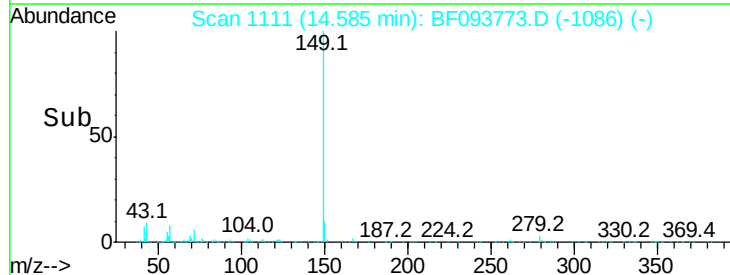
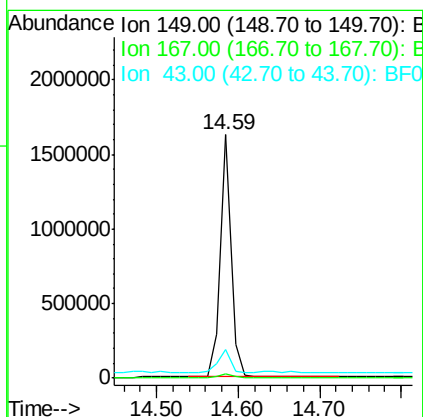
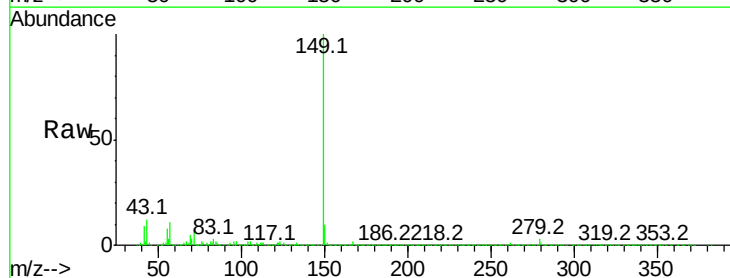
Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)MS

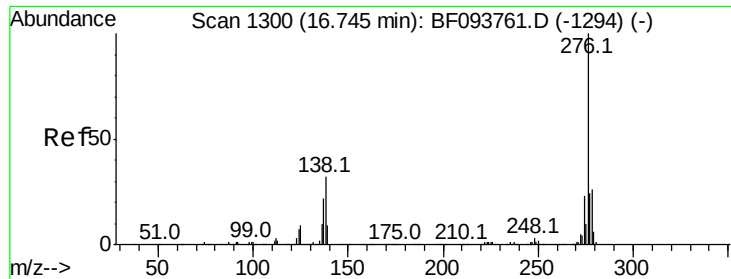
Tot Ion:149 Resp: 830267
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 57.30 ng
 RT: 14.59 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF093773.D
 Acq: 20 Mar 2017 19:25

Tgt Ion:149 Resp: 1484361
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.8 8.5 12.7

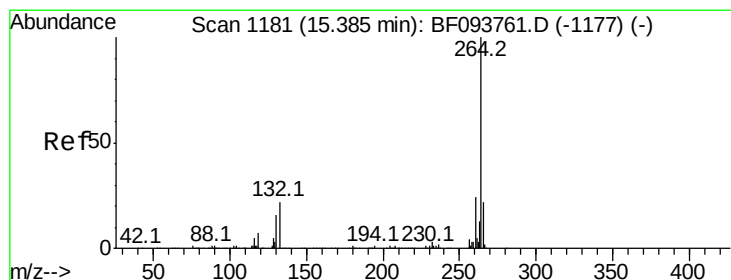
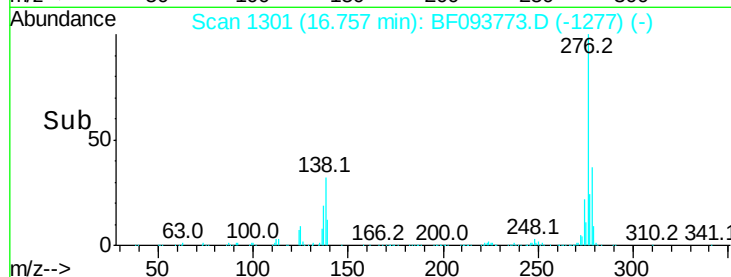
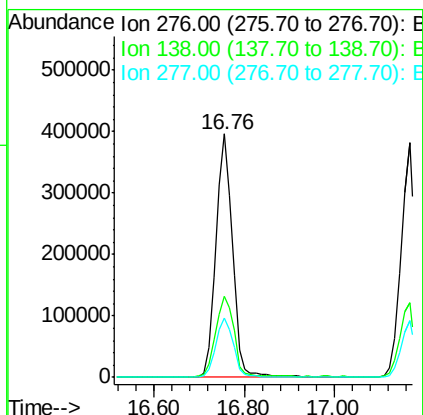
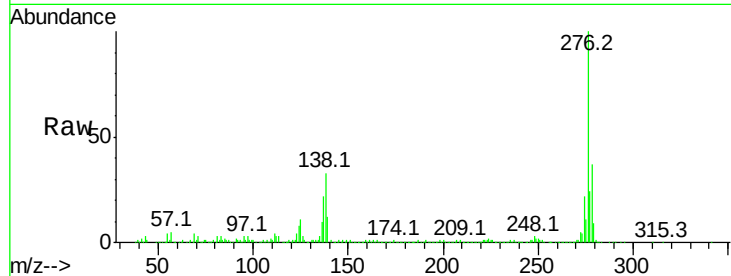




#85
Indeno(1,2,3-cd)pyrene
Concen: 63.15 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

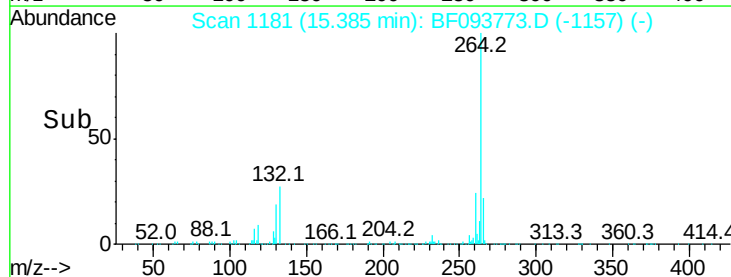
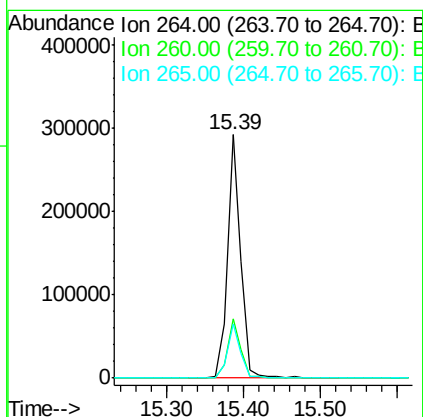
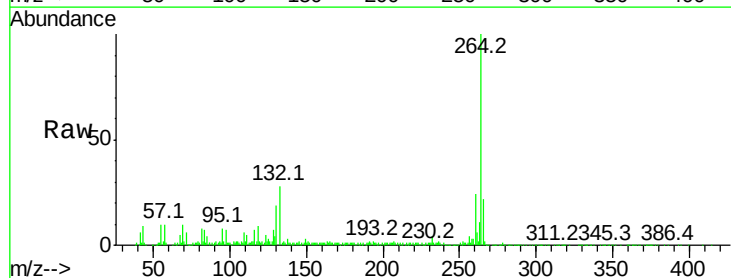
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

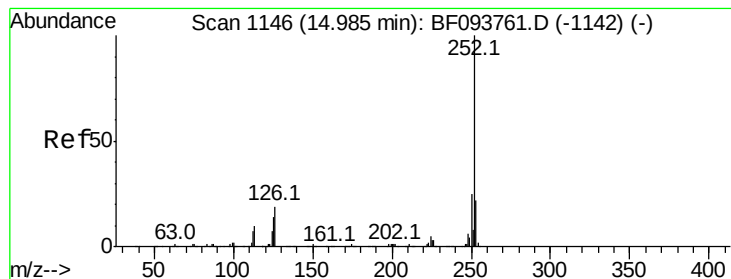
Tot Ion:276 Resp: 1025543
Ion Ratio Lower Upper
276 100
138 35.8 27.8 41.6
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion:264 Resp: 354263
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 80.44 ng

RT: 15.02 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

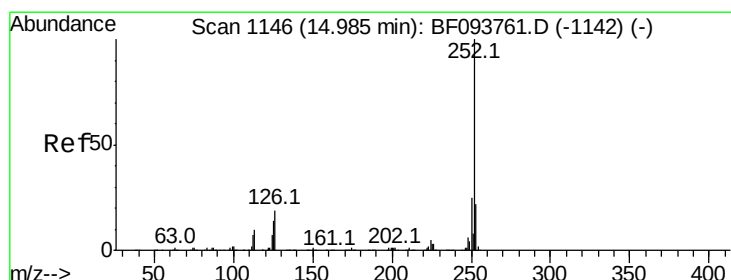
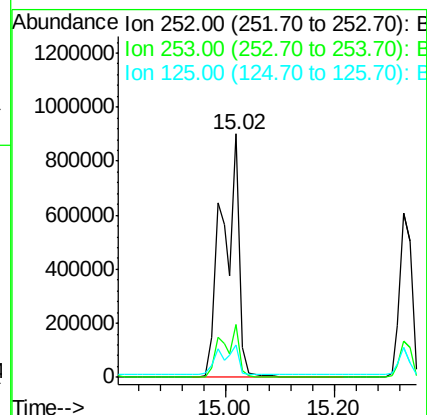
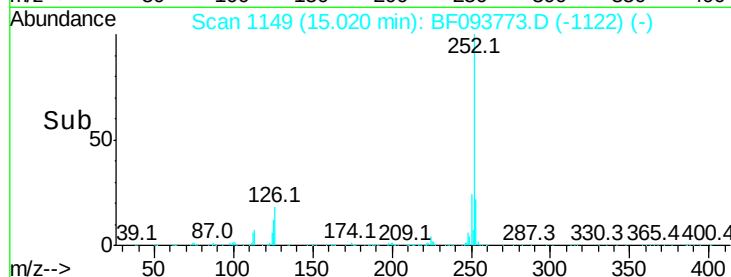
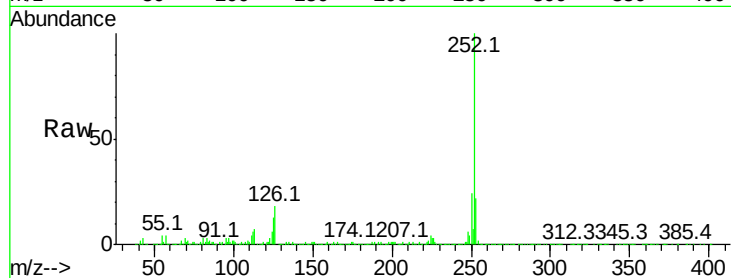
Tot Ion:252 Resp: 1921095

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 13.3 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 108.94 ng

RT: 15.02 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

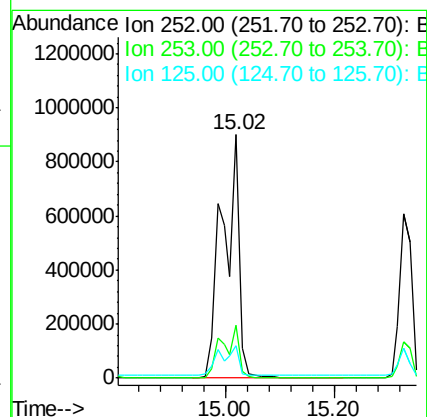
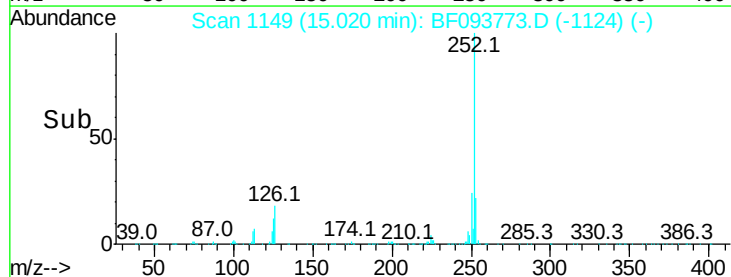
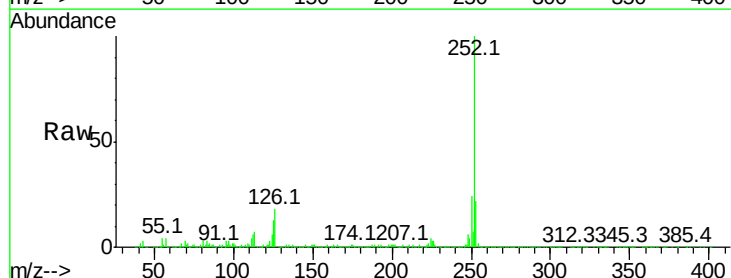
Tgt Ion:252 Resp: 1921095

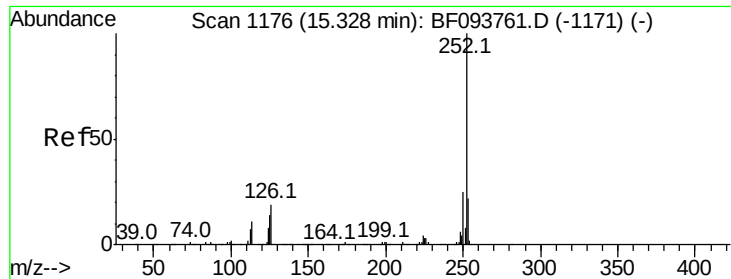
Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 13.3 13.1 19.7

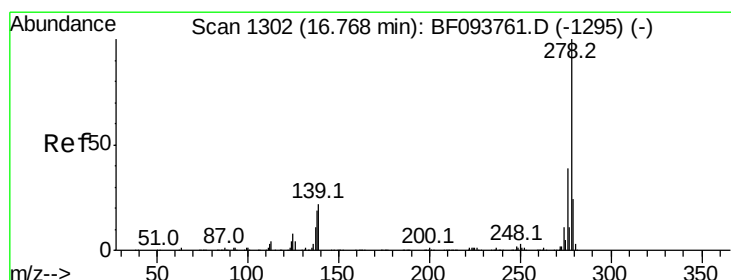
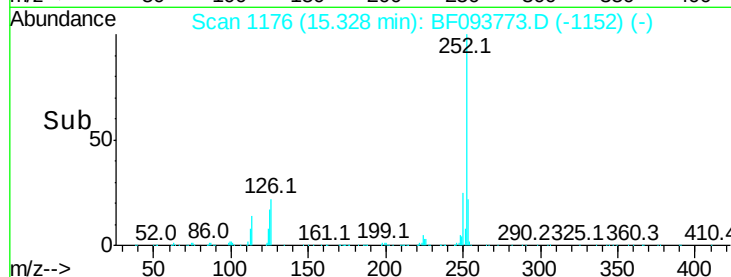
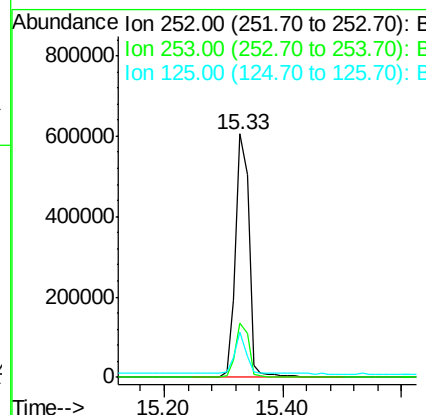
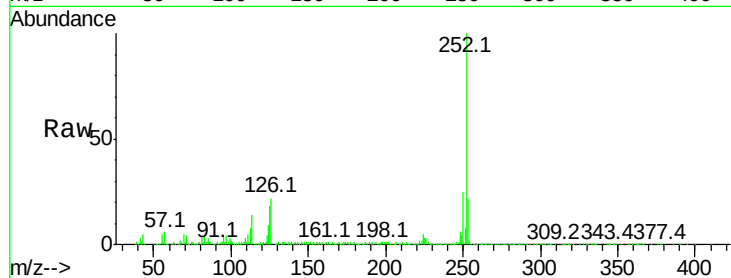




#89
Benzo(a)pyrene
Concen: 48.82 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

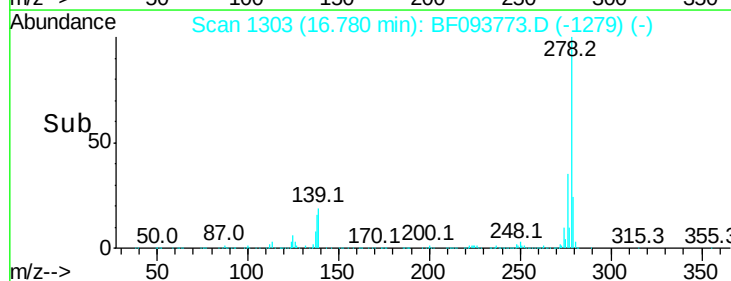
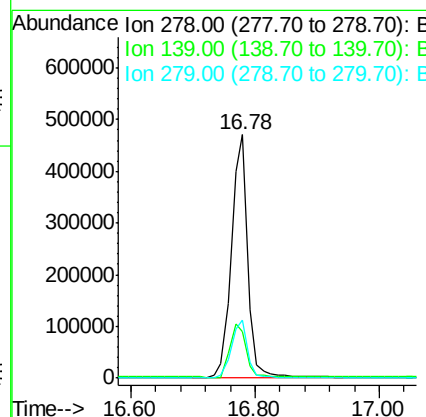
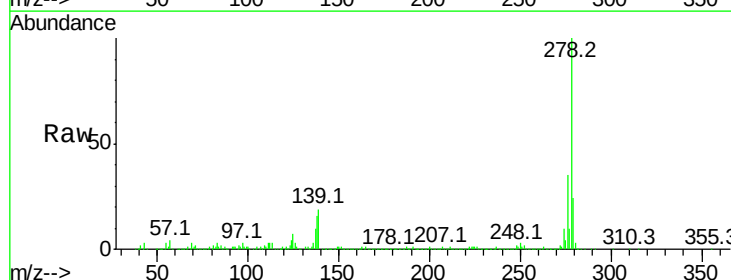
Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

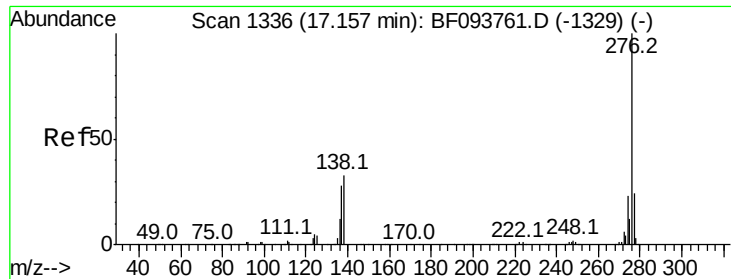
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	18.3	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 53.96 ng
RT: 16.78 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF093773.D
Acq: 20 Mar 2017 19:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 51.77 ng

RT: 17.17 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF093773.D

Acq: 20 Mar 2017 19:25

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)MS

Tot Ion:276 Resp: 826322

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 31.8 25.4 38.0

