

Data File : BF093151.D
Acq On : 24 Feb 2017 18:16
Operator : SJ/MA
Sample : PB97152BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Quant Time: Feb 24 22:05:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151842	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	565816	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	284720	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	519380	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	425681	20.00	ng	-0.01
86) Perylene-d12	15.44	264	304861	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1239162	140.01	ng	-0.01
7) Phenol-d6	6.48	99	1510961	132.68	ng	-0.01
23) Nitrobenzene-d5	7.40	82	966222	95.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	328777	159.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1496287	95.21	ng	-0.01
78) Terphenyl-d14	12.95	244	1518390	83.81	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	155543	32.52	ng	# 85
3) Pyridine	3.15	79	432704	35.58	ng	87
4) n-Nitrosodimethylamine	3.10	42	246373	43.15	ng	86
6) Aniline	6.50	93	486155	31.30	ng	# 60
8) 2-Chlorophenol	6.62	128	422963	43.32	ng	89
9) Benzaldehyde	6.37	77	179926	22.05	ng	86
10) Phenol	6.49	94	472098	35.43	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	446465	41.98	ng	95
12) 1,3-Dichlorobenzene	6.77	146	472469	41.31	ng	95
13) 1,4-Dichlorobenzene	6.85	146	484702	41.88	ng	94
14) 1,2-Dichlorobenzene	7.00	146	420487	37.99	ng	98
15) Benzyl Alcohol	6.98	79	345990	41.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	726053	39.30	ng	96
17) 2-Methylphenol	7.10	107	382032	45.61	ng	97
18) Hexachloroethane	7.34	117	160918	40.73	ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	298632	41.20	ng	95
20) 3+4-Methylphenols	7.25	107	440254	43.96	ng	# 71
22) Acetophenone	7.25	105	571861	44.27	ng	# 93
24) Nitrobenzene	7.42	77	458403	43.94	ng	98
25) Isophorone	7.66	82	872994	46.11	ng	95
26) 2-Nitrophenol	7.74	139	247124	49.83	ng	92
27) 2,4-Dimethylphenol	7.79	122	431478	49.54	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	584166	46.59	ng	99
29) 2,4-Dichlorophenol	7.98	162	371779	45.77	ng	87
30) 1,2,4-Trichlorobenzene	8.06	180	371246	42.41	ng	95
31) Naphthalene	8.14	128	1173069	40.90	ng	100
32) Benzoic acid	7.94	122	243997	49.23	ng	90
33) 4-Chloroaniline	8.20	127	257029	22.85	ng	98
34) Hexachlorobutadiene	8.27	225	199022	41.32	ng	99
35) Caprolactam	8.58	113	85219	33.35	ng	# 29
36) 4-Chloro-3-methylphenol	8.69	107	418509	49.42	ng	97
37) 2-Methylnaphthalene	8.84	142	808033	43.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	379480	47.48	ng	99
40) Hexachlorocyclopentadiene	8.99	237	281786	78.15	ng	95

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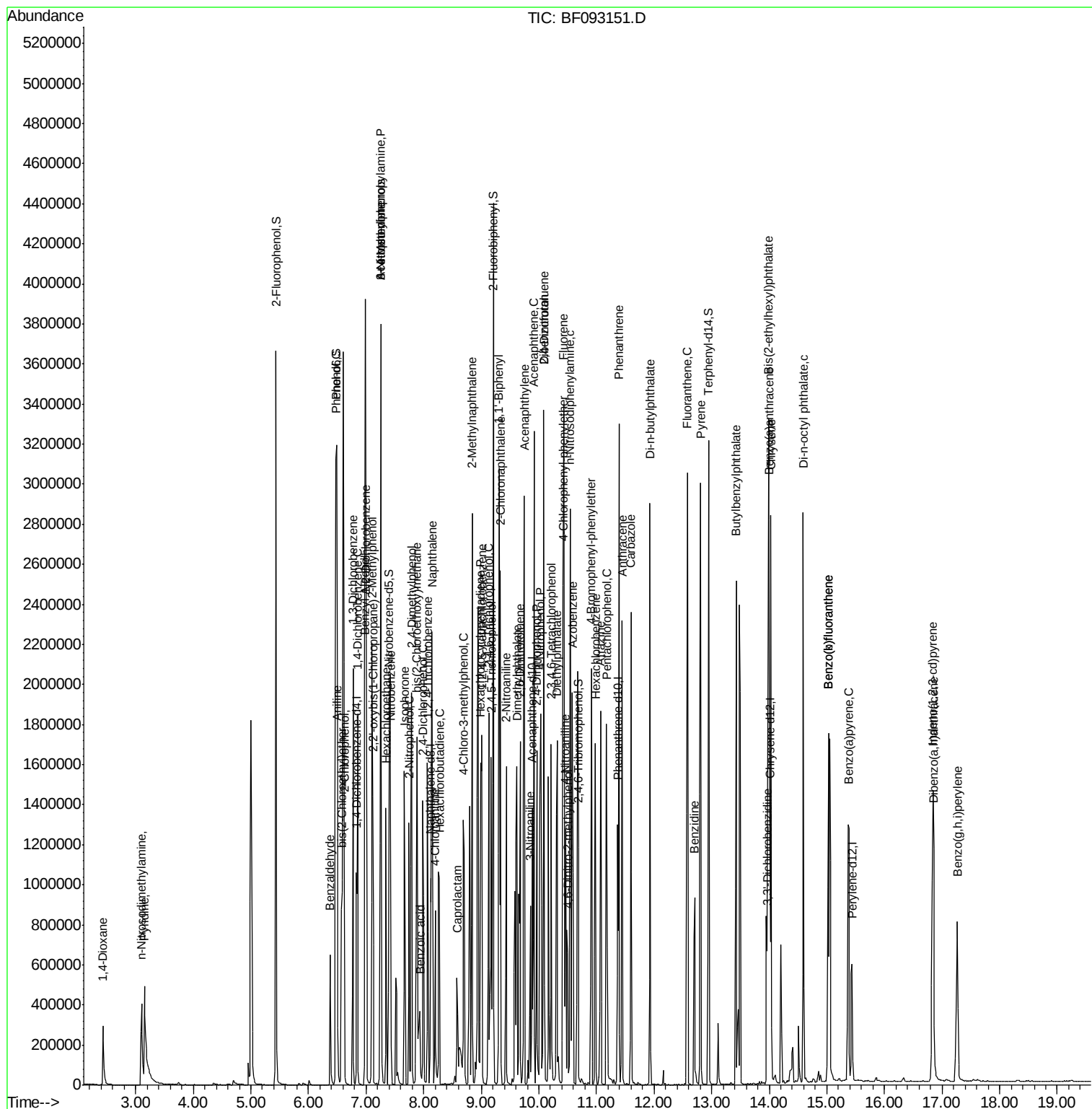
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	266667	50.78	ng	92
43) 2,4,5-Trichlorophenol	9.17	196	272303	47.32	ng	# 87
45) 1,1'-Biphenyl	9.31	154	1048298	50.85	ng	99
46) 2-Chloronaphthalene	9.33	162	790290	49.00	ng	98
47) 2-Nitroaniline	9.44	65	291487	53.75	ng	94
48) Acenaphthylene	9.74	152	1199183	43.04	ng	99
49) Dimethylphthalate	9.62	163	1001440	52.22	ng	100
50) 2,6-Dinitrotoluene	9.68	165	200048	48.30	ng	# 81
51) Acenaphthene	9.92	154	694468	41.69	ng	96
52) 3-Nitroaniline	9.85	138	150550	31.76	ng	88
53) 2,4-Dinitrophenol	9.96	184	222194	103.95	ng	# 76
54) Dibenzofuran	10.09	168	962137	43.18	ng	98
55) 4-Nitrophenol	10.03	139	327911	96.06	ng	# 70
56) 2,4-Dinitrotoluene	10.09	165	284047	51.51	ng	90
57) Fluorene	10.43	166	795375	46.40	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	218399	56.90	ng	95
59) Diethylphthalate	10.32	149	937007	51.85	ng	94
60) 4-Chlorophenyl-phenylether	10.42	204	350660	42.58	ng	96
61) 4-Nitroaniline	10.46	138	233191	48.04	ng	94
62) Azobenzene	10.58	77	992404	53.15	ng	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	162960	51.35	ng	94
65) n-Nitrosodiphenylamine	10.54	169	711460	42.88	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	227713	41.96	ng	96
67) Hexachlorobenzene	10.98	284	233339	43.51	ng	95
68) Atrazine	11.07	200	219570	41.24	ng	98
69) Pentachlorophenol	11.17	266	232279	83.56	ng	96
70) Phenanthrene	11.39	178	1197151	40.23	ng	99
71) Anthracene	11.45	178	1333383	44.62	ng	98
72) Carbazole	11.60	167	1126358	39.43	ng	99
73) Di-n-butylphthalate	11.93	149	1409215	45.62	ng	# 97
74) Fluoranthene	12.58	202	1337484	43.58	ng	96
76) Benzidine	12.71	184	509156	28.07	ng	96
77) Pyrene	12.81	202	1350863	42.40	ng	99
79) Butylbenzylphthalate	13.43	149	627447	48.50	ng	88
80) Benzo(a)anthracene	14.00	228	1030801	39.59	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	235167	25.34	ng	# 94
82) Chrysene	14.03	228	955416	39.19	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	810811	45.83	ng	# 95
84) Di-n-octyl phthalate	14.59	149	1334030	46.31	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	736306	39.00	ng	# 93
87) Benzo(b)fluoranthene	15.03	252	889356	44.32	ng	98
88) Benzo(k)fluoranthene	15.03	252	889356	51.33	ng	98
89) Benzo(a)pyrene	15.38	252	792068	45.63	ng	97
90) Dibenzo(a,h)anthracene	16.85	278	617145	43.99	ng	96
91) Benzo(g,h,i)perylene	17.27	276	644398	45.47	ng	# 92

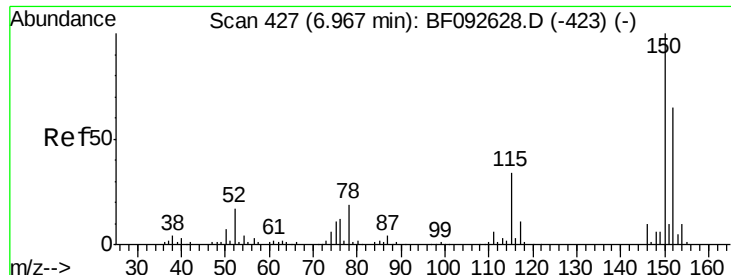
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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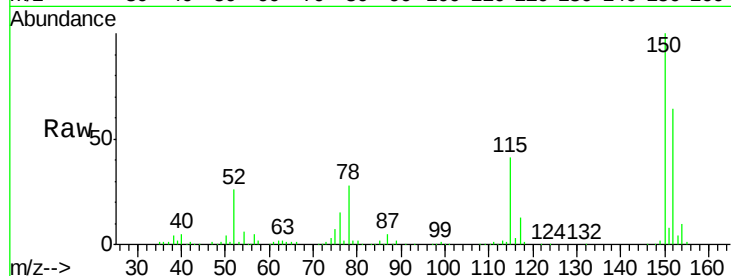
Tgt Ion:152 Resp: 151842

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

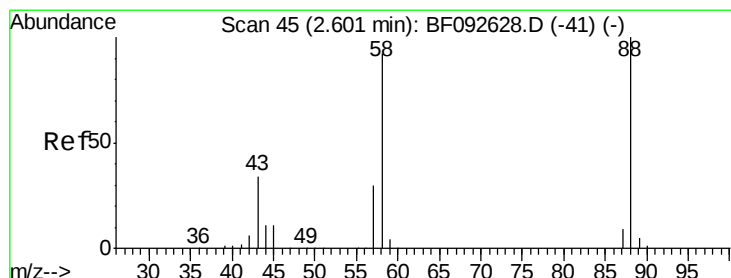
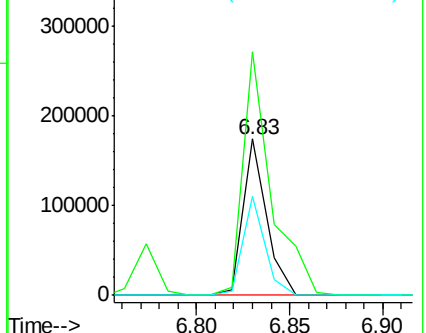
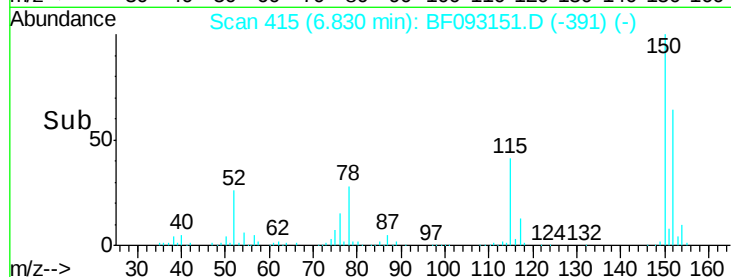
115 63.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.52 ng

RT: 2.43 min Scan# 30

Delta R.T. -0.00 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

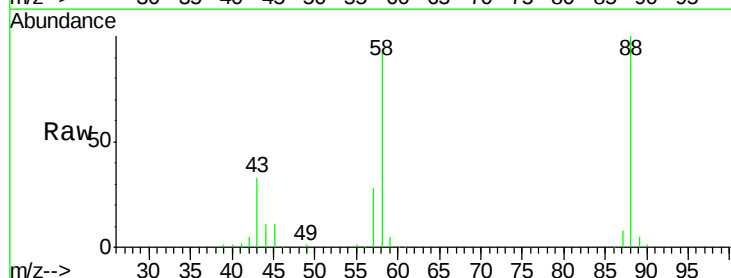
Tgt Ion: 88 Resp: 155543

Ion Ratio Lower Upper

88 100

58 87.6 57.8 86.8#

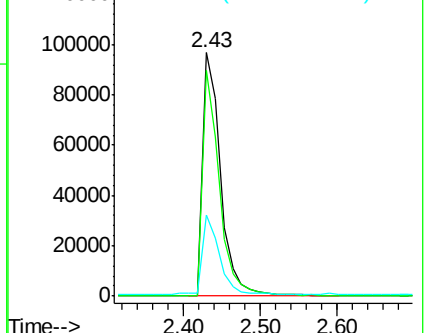
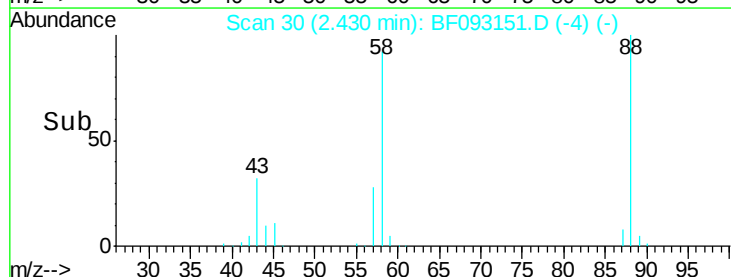
43 30.9 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.58 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.00 min

Lab File: BF093151.D

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Instrument :

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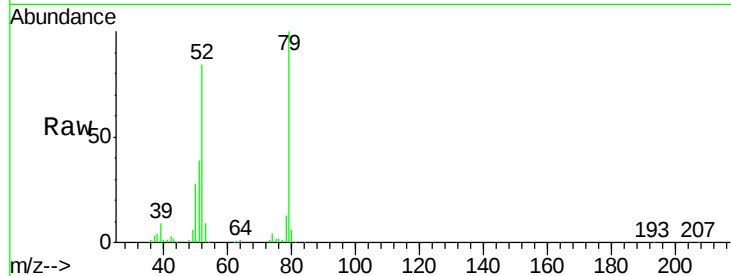
Tgt Ion: 79 Resp: 432704

Ion Ratio Lower Upper

79 100

52 83.9 57.1 85.7

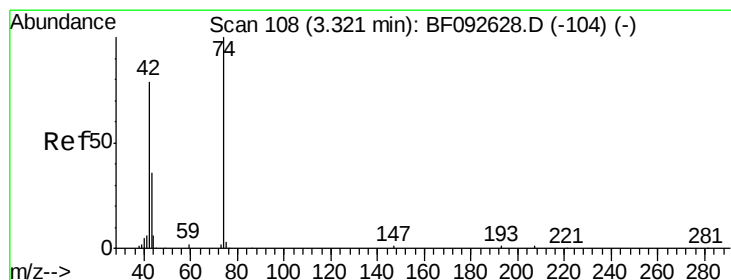
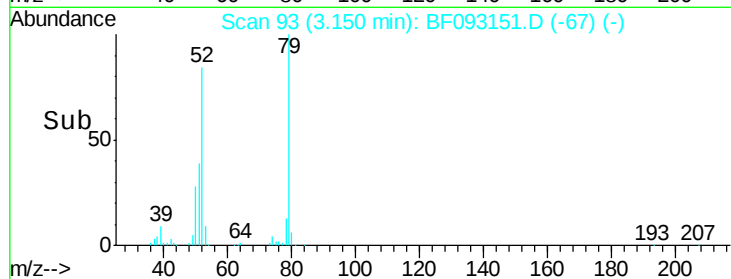
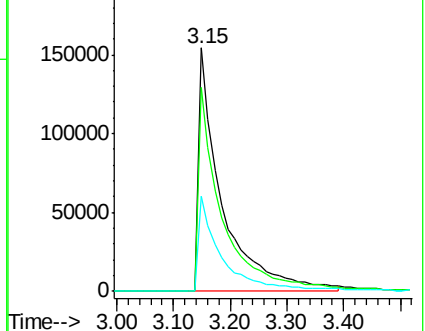
51 39.2 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.15 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

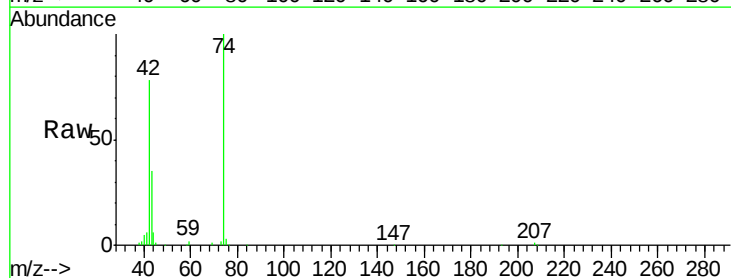
Tgt Ion: 42 Resp: 246373

Ion Ratio Lower Upper

42 100

74 128.1 117.0 175.4

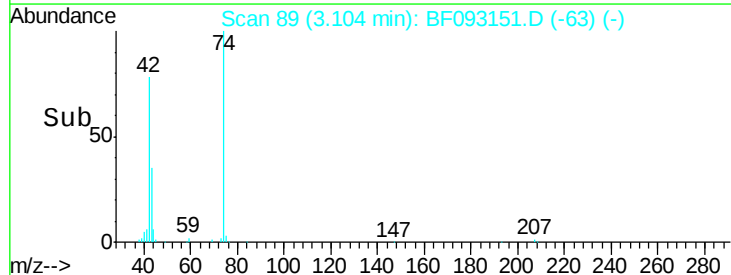
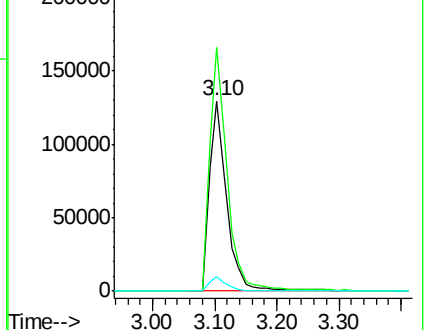
44 7.6 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 140.01 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

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ClientSampleId :

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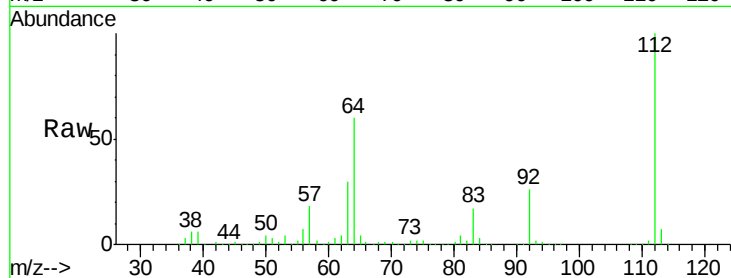
Tgt Ion: 112 Resp: 1239162

Ion Ratio Lower Upper

112 100

64 60.0 46.1 69.1

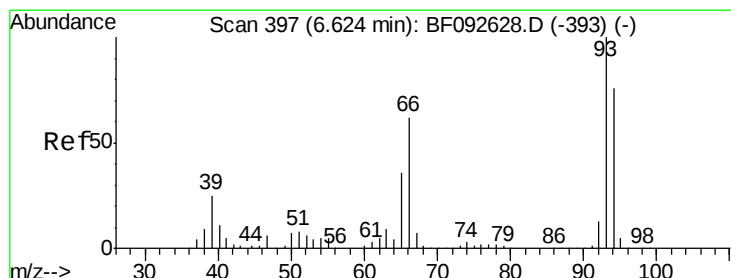
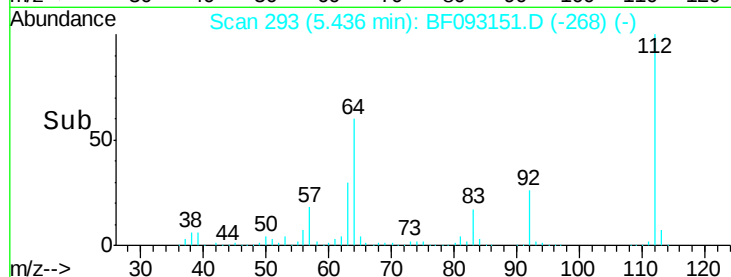
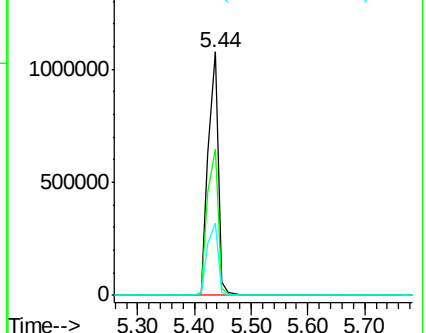
63 29.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.30 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

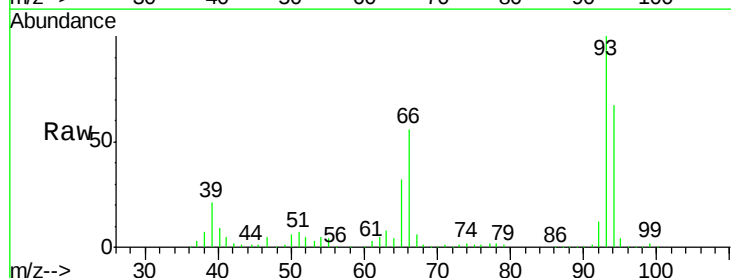
Tgt Ion: 93 Resp: 486155

Ion Ratio Lower Upper

93 100

66 55.9 76.2 114.2#

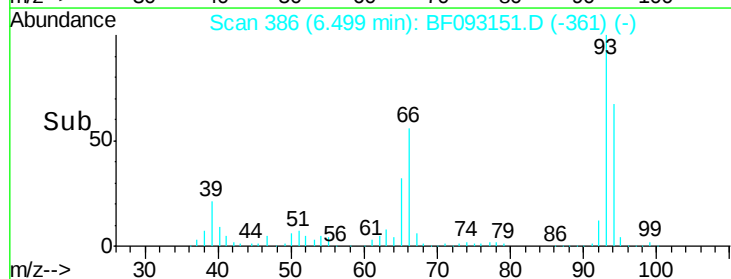
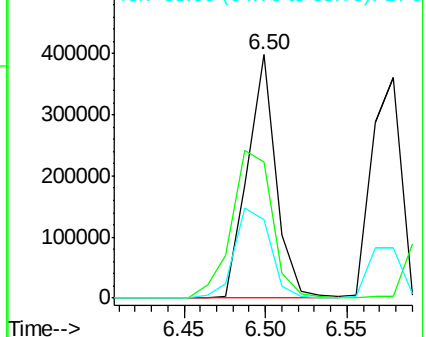
65 32.4 49.3 73.9#

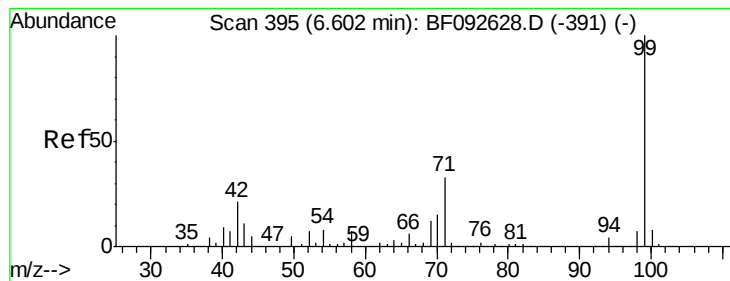


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.68 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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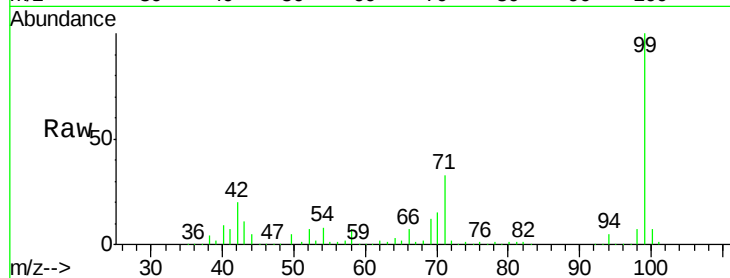
Tgt Ion: 99 Resp: 1510961

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

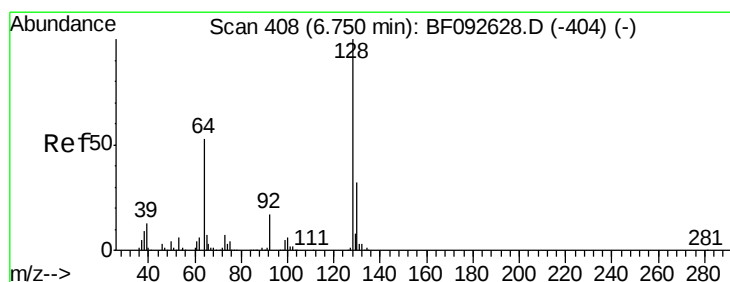
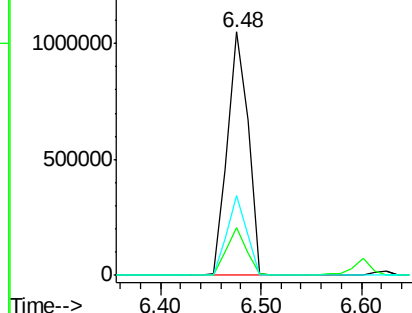
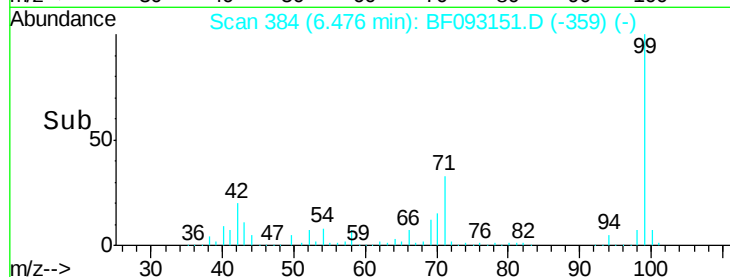
71 32.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.32 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

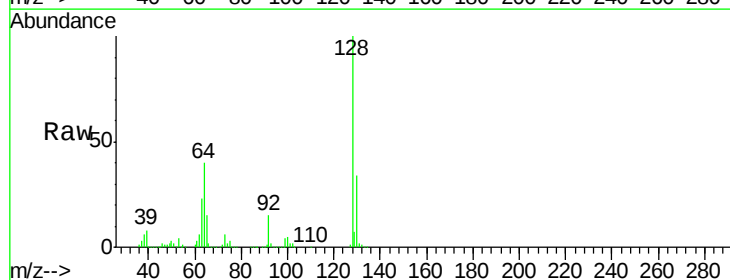
Tgt Ion: 128 Resp: 422963

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

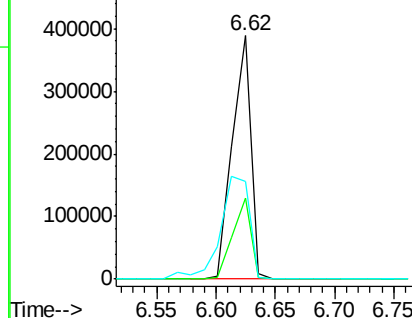
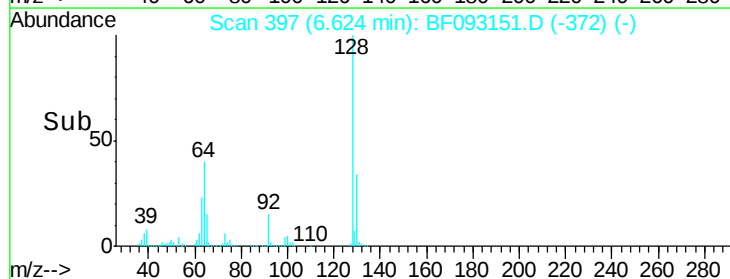
64 40.1 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.05 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

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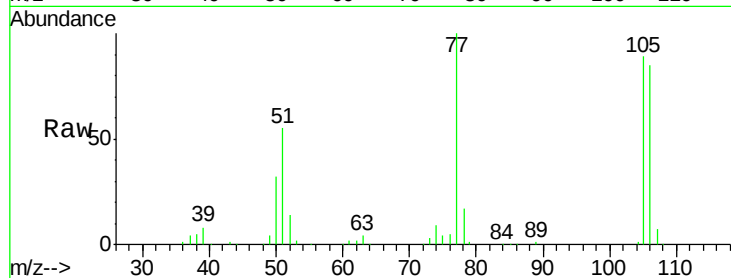
Tgt Ion: 77 Resp: 179926

Ion Ratio Lower Upper

77 100

105 88.8 83.9 123.9

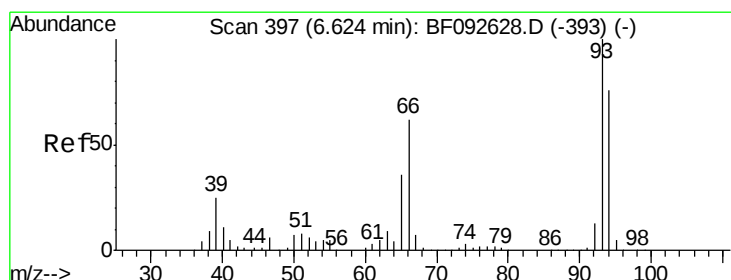
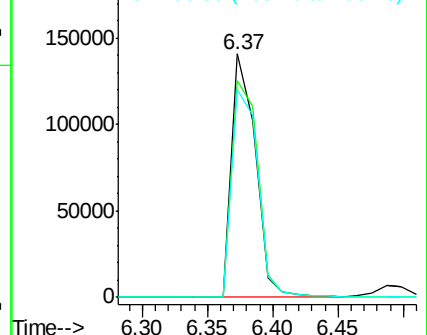
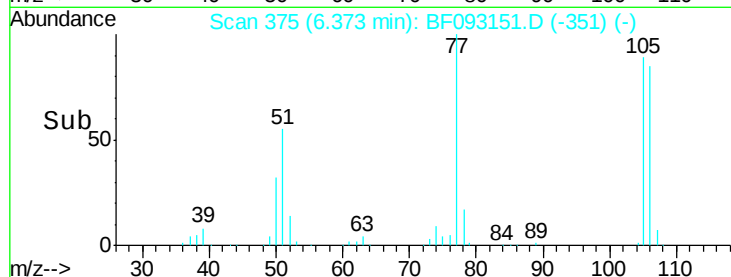
106 85.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.43 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093151.D

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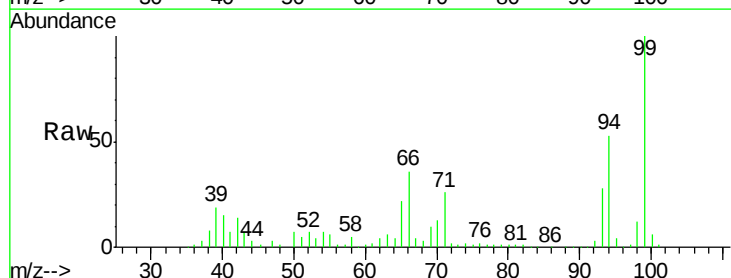
Tgt Ion: 94 Resp: 472098

Ion Ratio Lower Upper

94 100

65 42.0 21.4 61.4

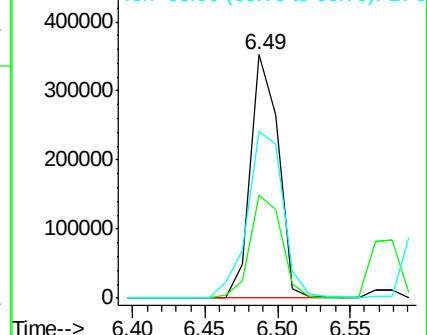
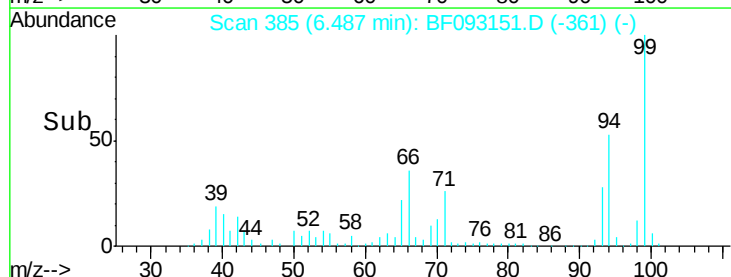
66 68.4 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

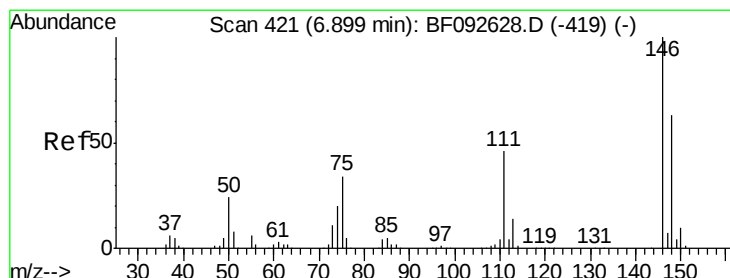
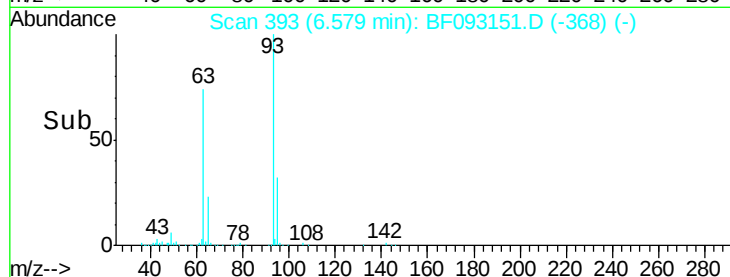
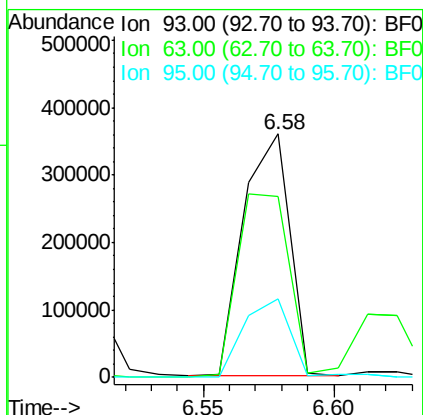
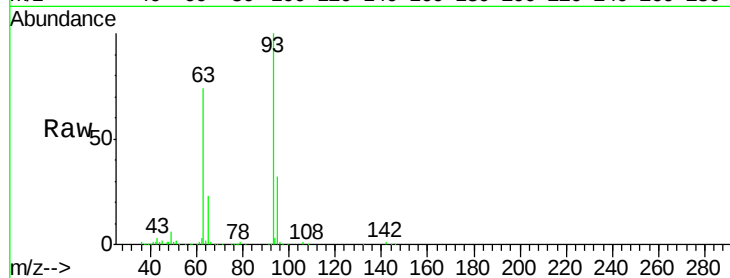




#11
bis(2-Chloroethyl)ether
Concen: 41.98 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

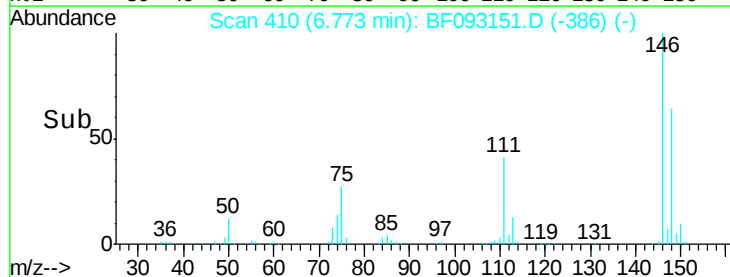
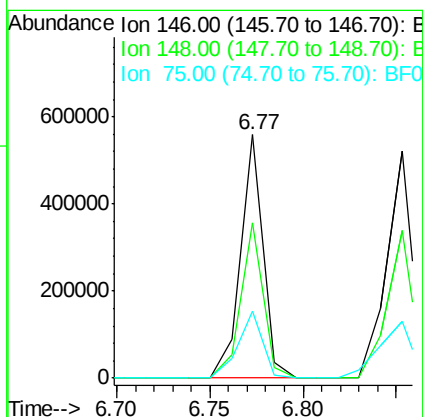
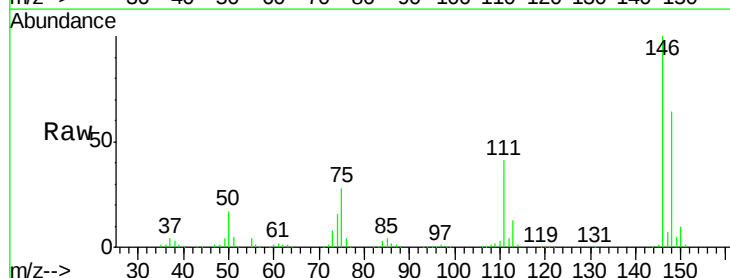
Instrument :
BNA_F
ClientSampleId :
PB97152BS

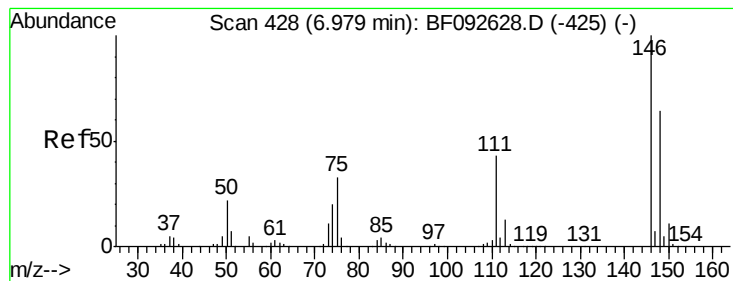
Tgt Ion: 93 Resp: 446465
Ion Ratio Lower Upper
93 100
63 74.2 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.31 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion: 146 Resp: 472469
Ion Ratio Lower Upper
146 100
148 64.0 53.4 80.0
75 27.5 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.88 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

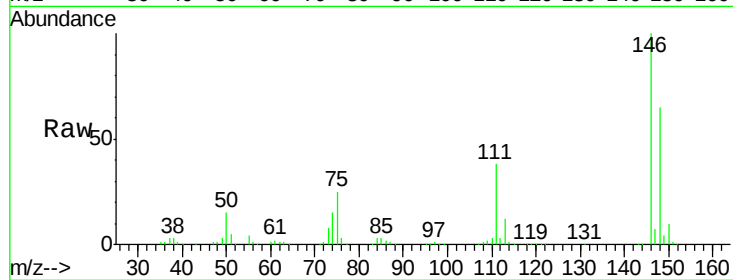
Tgt Ion:146 Resp: 484702

Ion Ratio Lower Upper

146 100

148 64.9 50.6 76.0

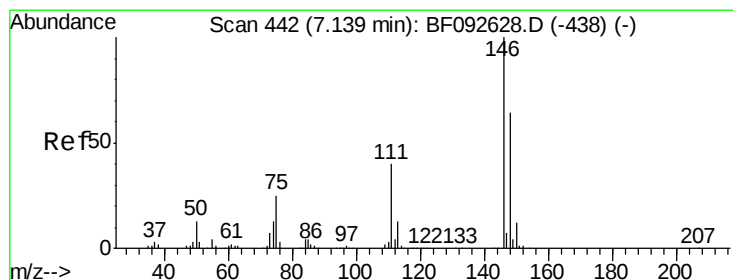
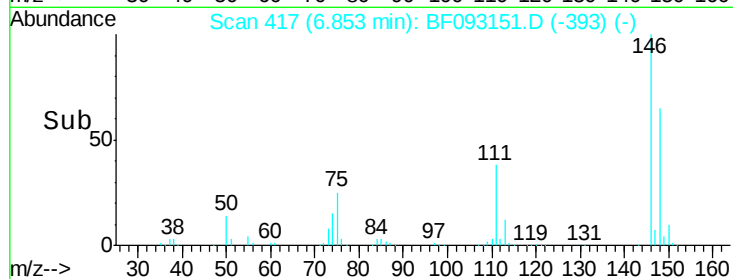
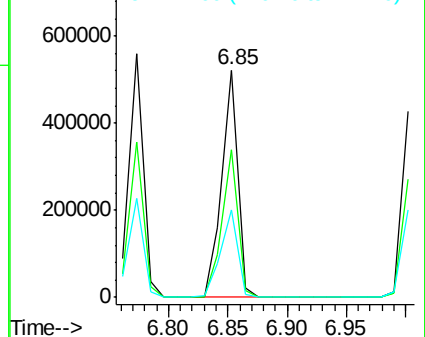
111 38.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.99 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

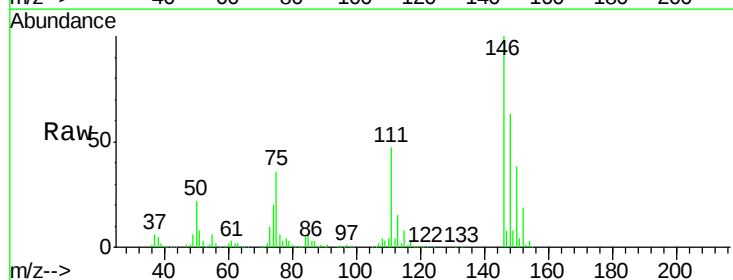
Tgt Ion:146 Resp: 420487

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

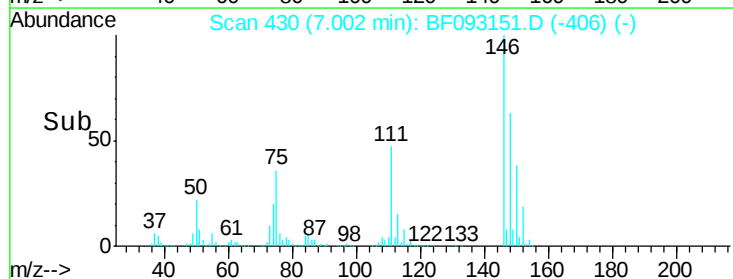
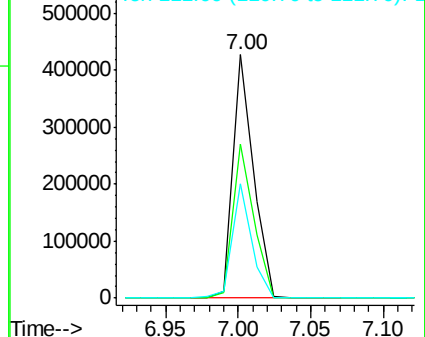
111 47.0 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.04 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

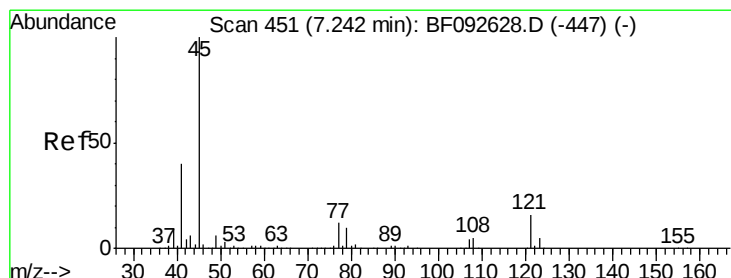
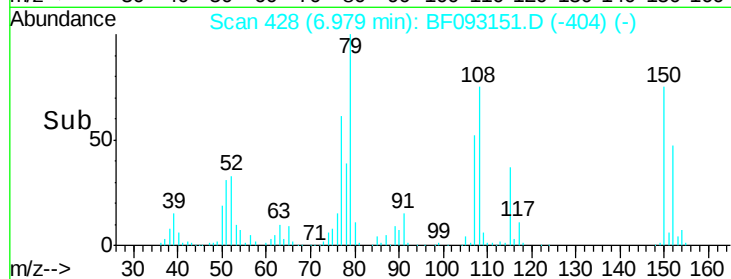
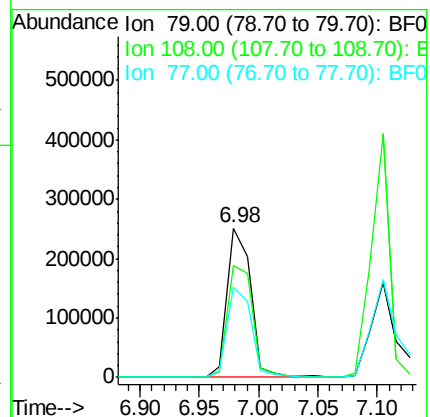
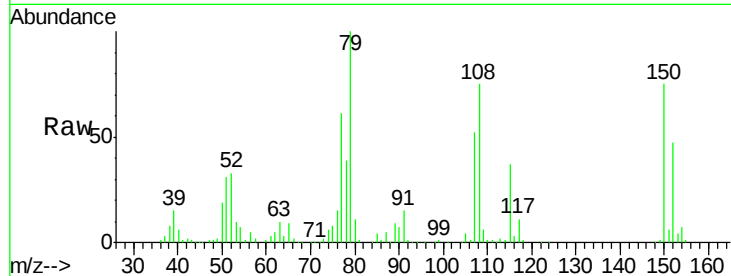
Tgt Ion: 79 Resp: 345990

Ion Ratio Lower Upper

79 100

108 74.9 61.4 92.0

77 60.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.30 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

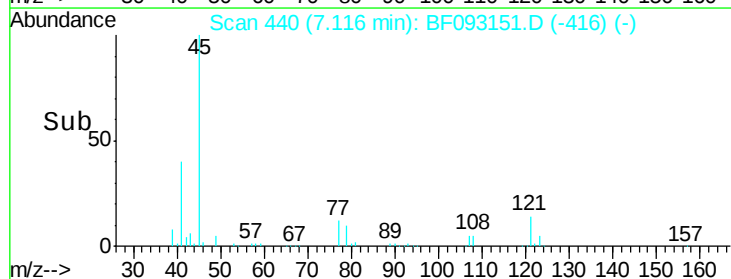
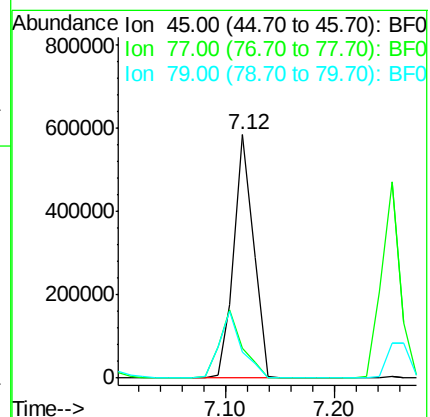
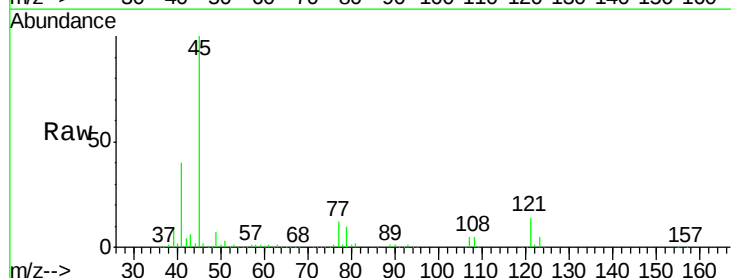
Tgt Ion: 45 Resp: 726053

Ion Ratio Lower Upper

45 100

77 12.3 0.0 34.6

79 10.5 0.0 31.2

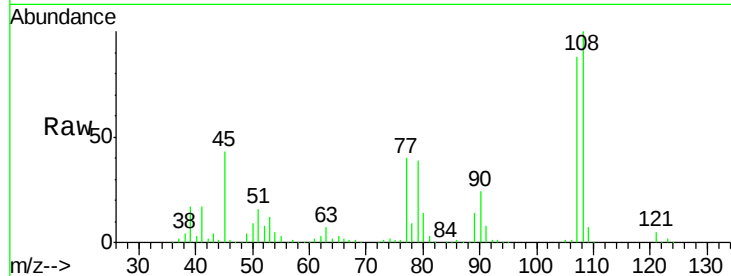




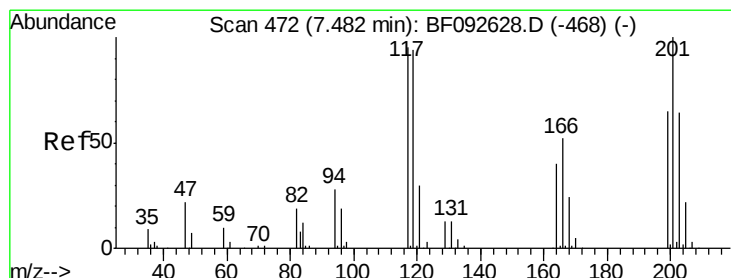
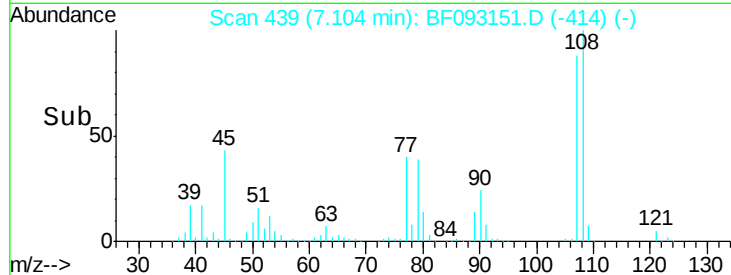
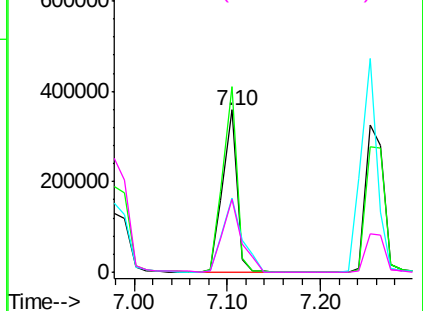
#17
2-Methylphenol
Concen: 45.61 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Tgt Ion:107 Resp: 382032
Ion Ratio Lower Upper
107 100
108 114.3 93.0 139.6
77 46.0 39.8 59.8
79 44.8 38.0 57.0

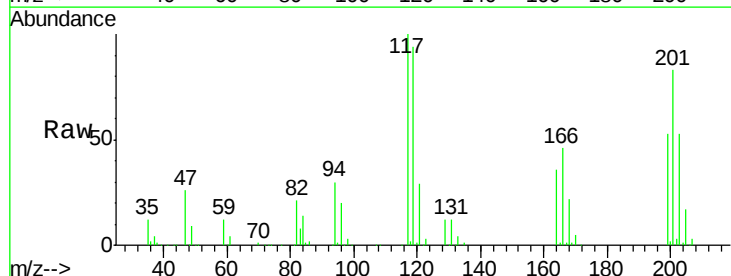


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

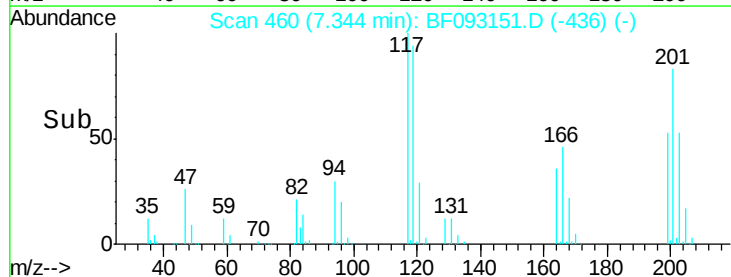
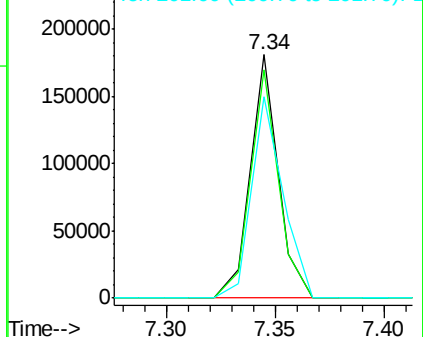


#18
Hexachloroethane
Concen: 40.73 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:117 Resp: 160918
Ion Ratio Lower Upper
117 100
119 94.0 78.1 117.1
201 82.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

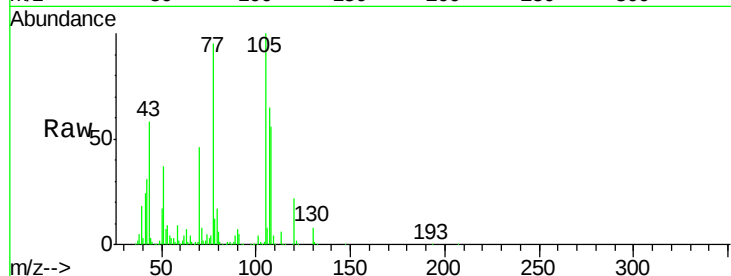




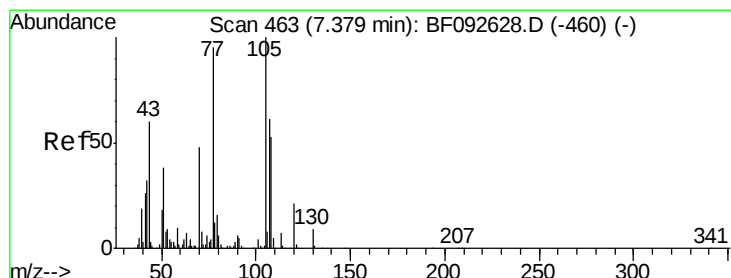
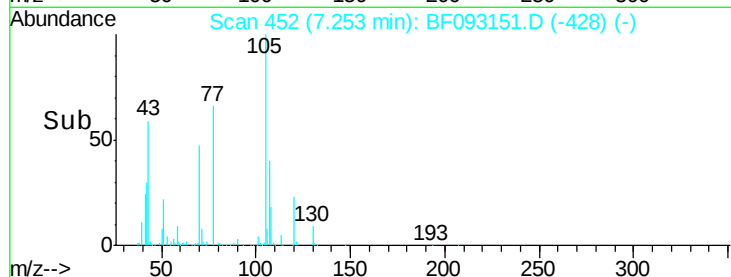
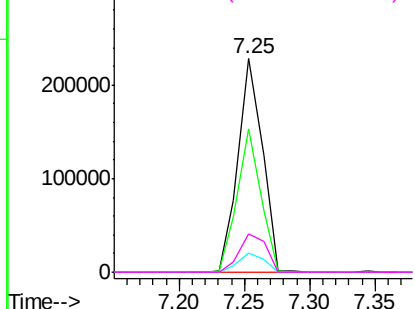
#19
n-Nitroso-di-n-propylamine
Concen: 41.20 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Tgt Ion:	70	Resp:	298632
Ion	Ratio	Lower	Upper
70	100		
42	67.3	49.4	74.0
101	9.0	7.4	11.2
130	18.2	14.2	21.4



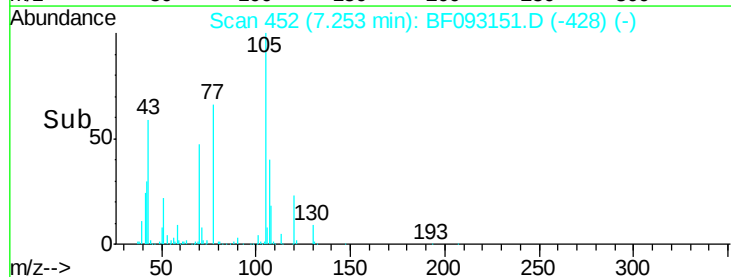
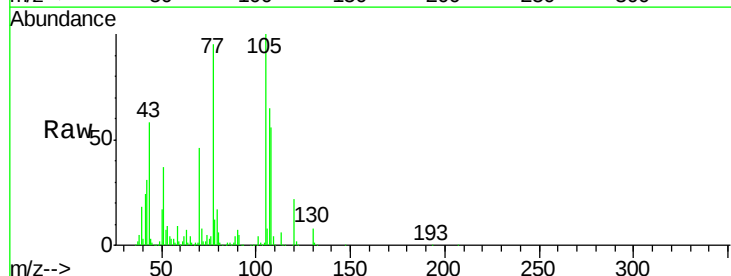
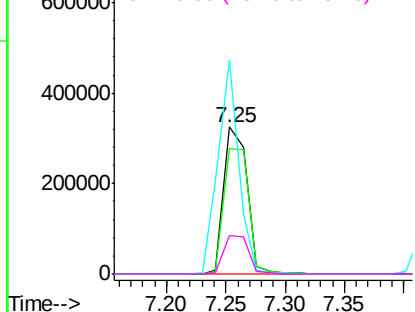
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

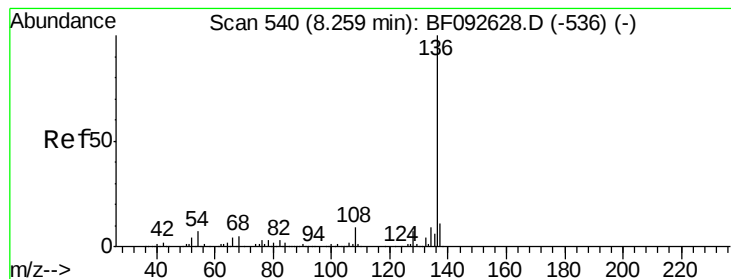


#20
3+4-Methylphenols
Concen: 43.96 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:	107	Resp:	440254
Ion	Ratio	Lower	Upper
107	100		
108	85.8	73.0	113.0
77	145.3	71.3	111.3#
79	26.2	11.1	51.1

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

Tgt Ion:136 Resp: 565816

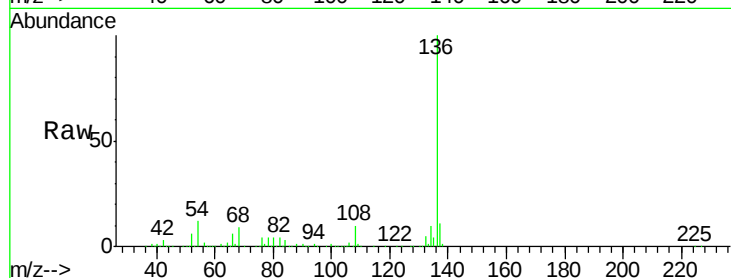
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.9 4.5 6.7#

68 8.6 3.6 5.4#

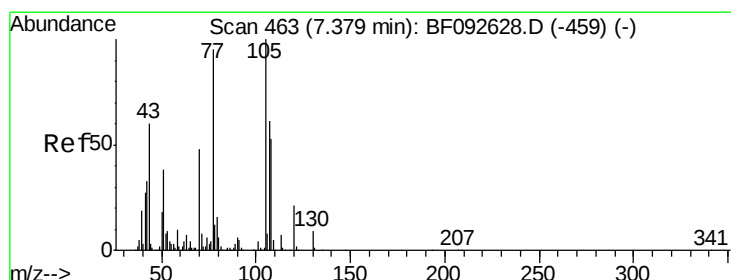
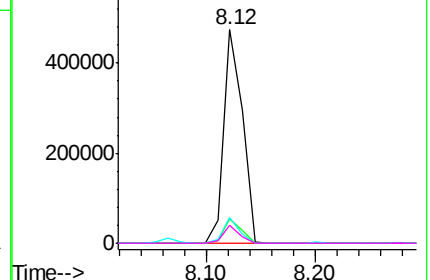
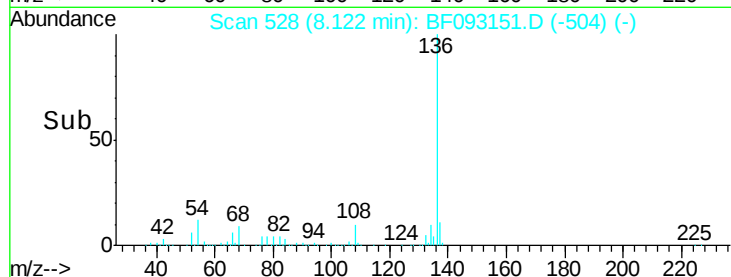


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.27 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Tgt Ion:105 Resp: 571861

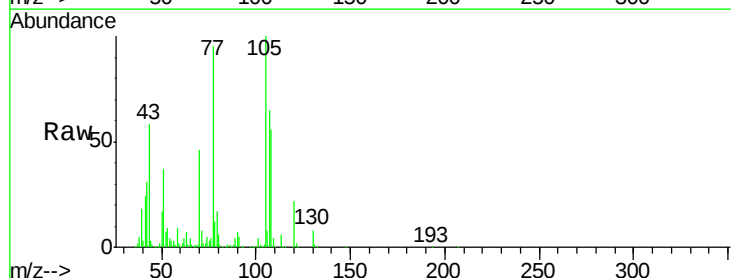
Ion Ratio Lower Upper

105 100

71 7.8 3.2 4.8#

51 37.4 26.2 39.4

120 22.4 16.6 24.8

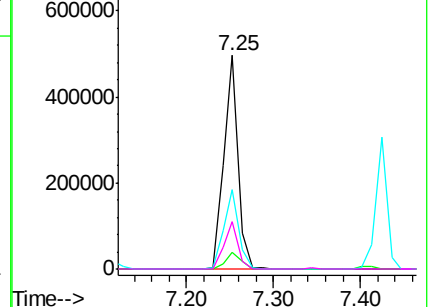
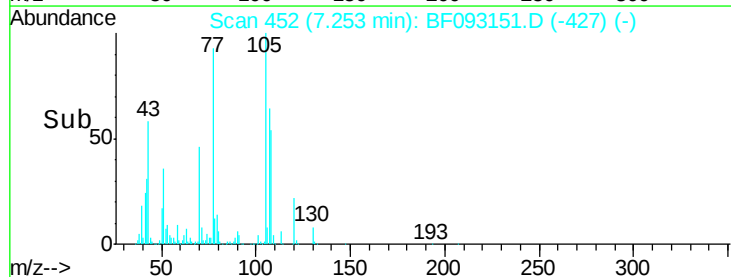


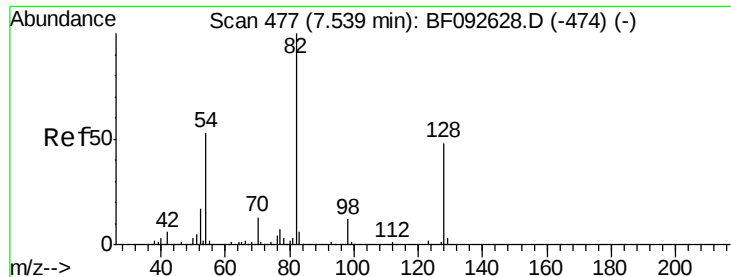
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

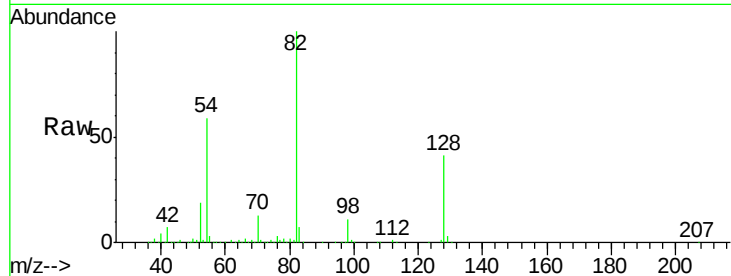




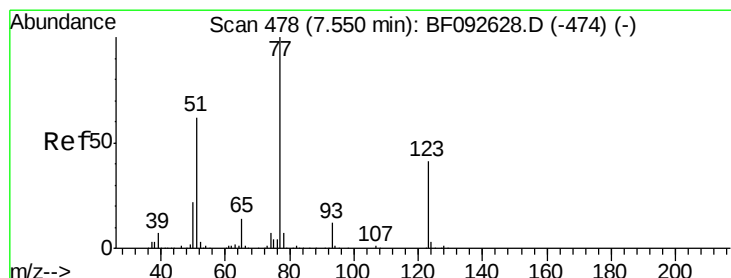
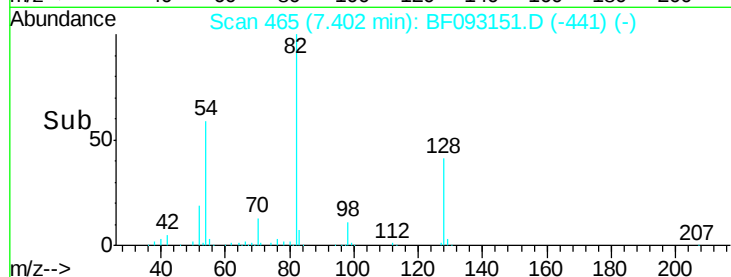
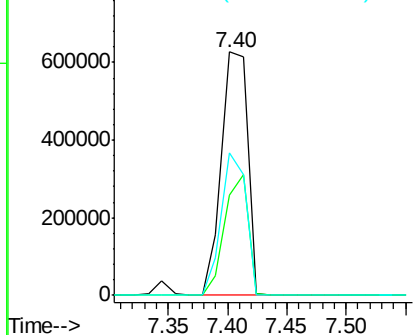
#23
 Nitrobenzene-d5
 Concen: 95.10 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion: 82 Resp: 966222
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 52.0
 54 58.6 39.5 59.3

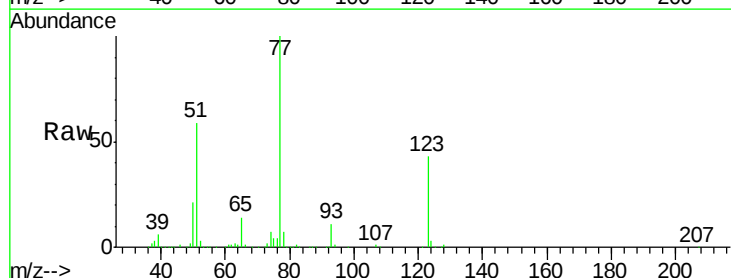


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

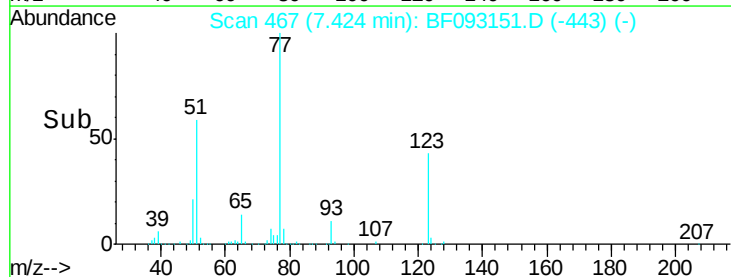
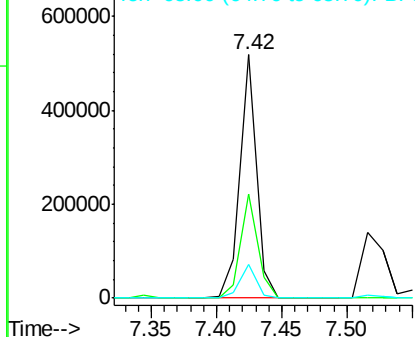


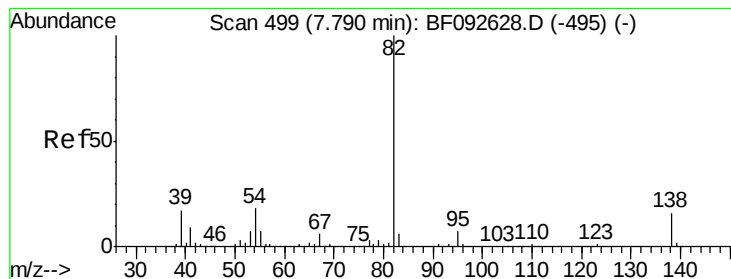
#24
 Nitrobenzene
 Concen: 43.94 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion: 77 Resp: 458403
 Ion Ratio Lower Upper
 77 100
 123 42.7 33.0 49.4
 65 14.1 11.2 16.8



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





#25

Isophorone

Concen: 46.11 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

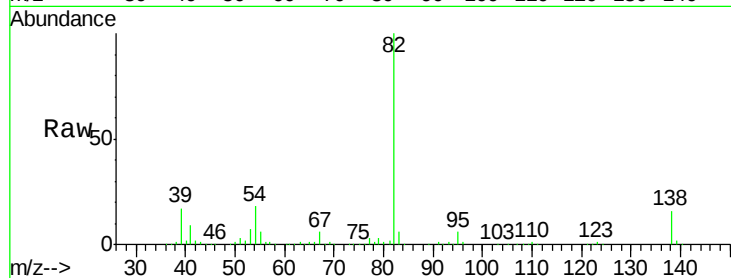
Tgt Ion: 82 Resp: 872994

Ion Ratio Lower Upper

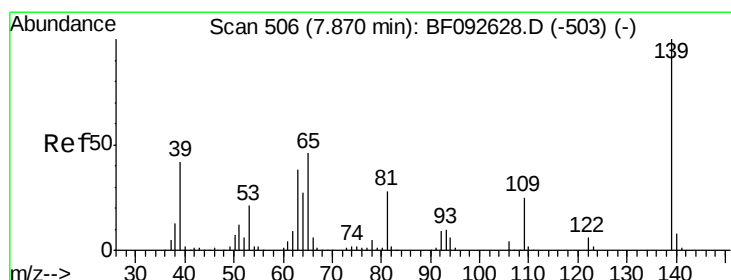
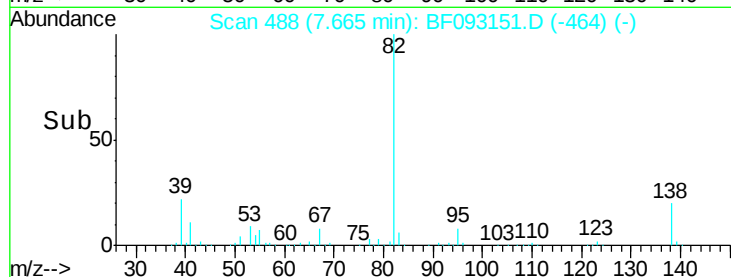
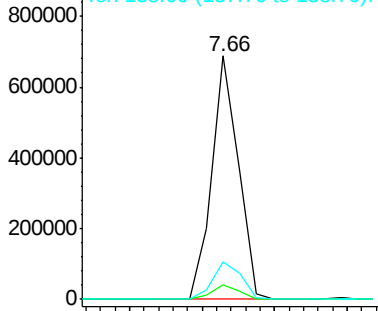
82 100

95 6.2 5.6 8.4

138 15.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.83 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

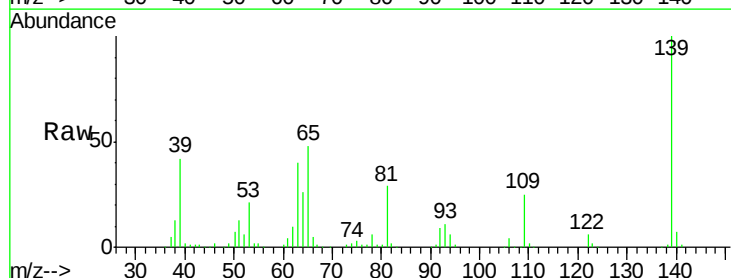
Tgt Ion: 139 Resp: 247124

Ion Ratio Lower Upper

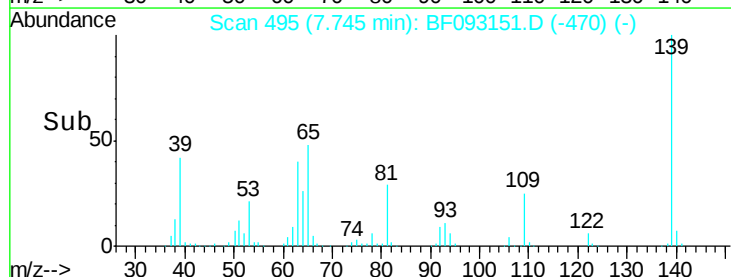
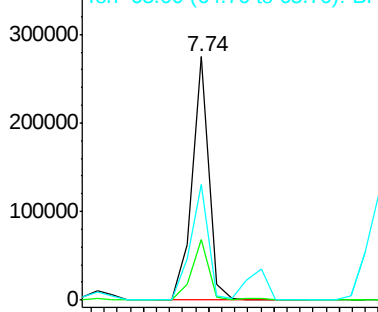
139 100

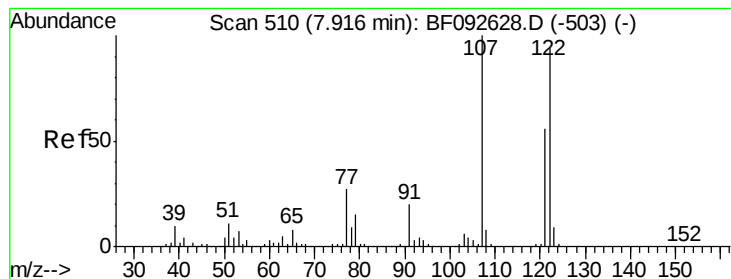
109 24.7 23.3 34.9

65 47.5 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 49.54 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

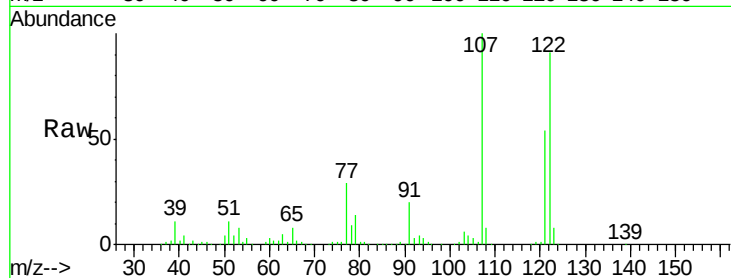
Tgt Ion:122 Resp: 431478

Ion Ratio Lower Upper

122 100

107 110.0 94.1 141.1

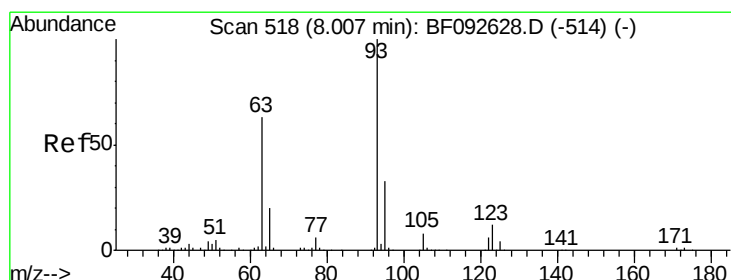
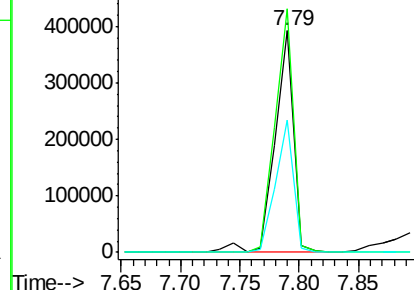
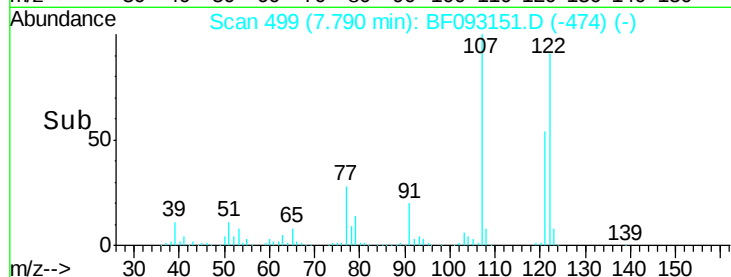
121 59.7 46.0 69.0



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: 46.59 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

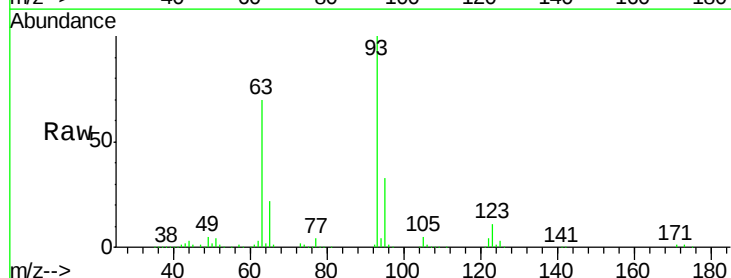
Tgt Ion: 93 Resp: 584166

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

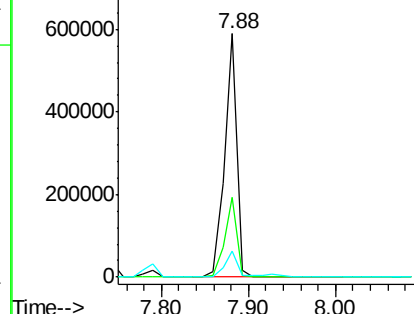
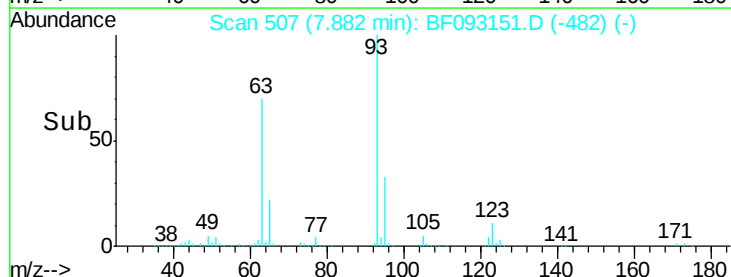
123 10.6 8.6 13.0

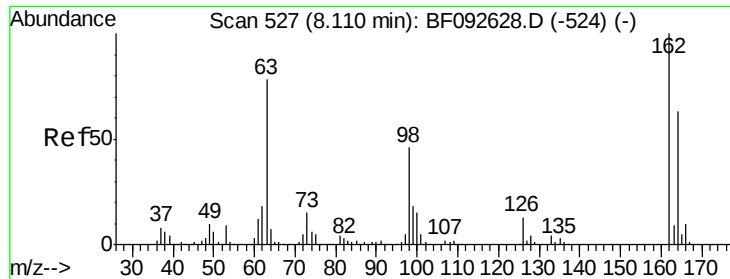


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

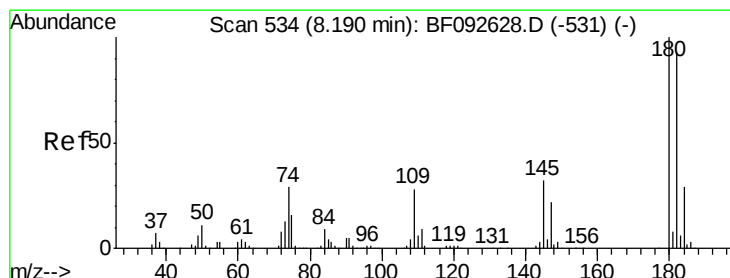
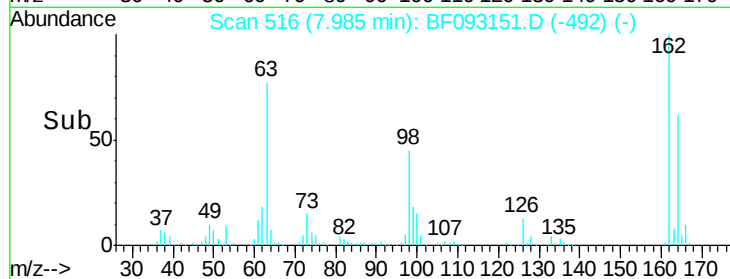
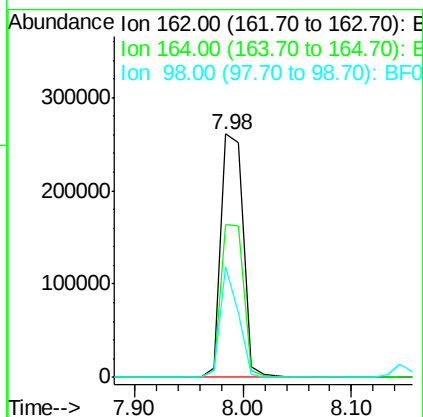
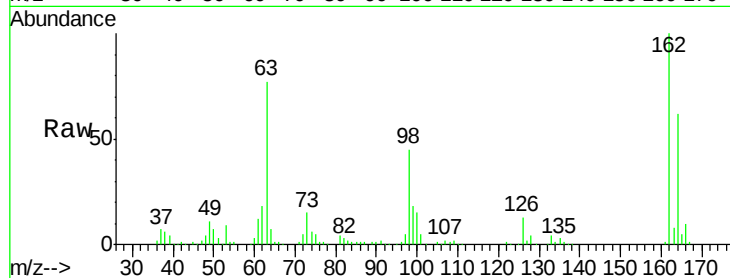




#29
2,4-Dichlorophenol
Concen: 45.77 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

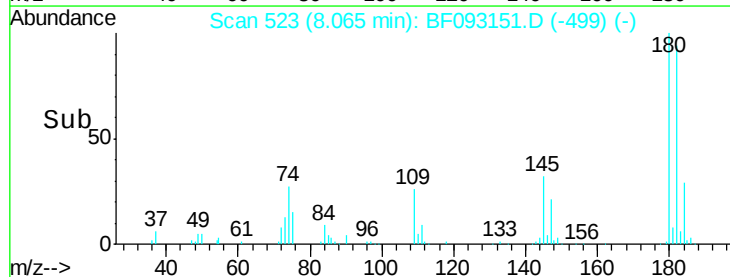
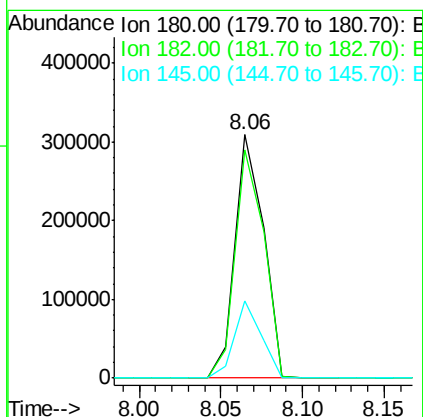
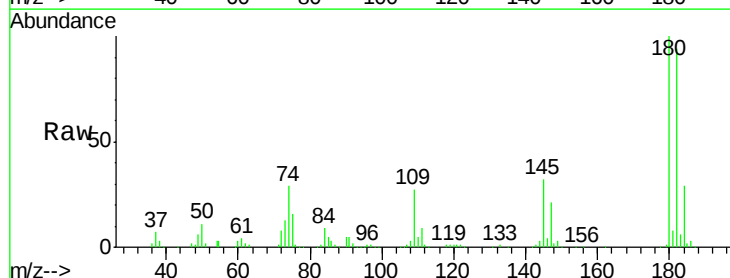
Instrument :
BNA_F
ClientSampleId :
PB97152BS

Tgt Ion:162 Resp: 371779
Ion Ratio Lower Upper
162 100
164 62.5 46.8 86.8
98 45.2 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 42.41 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:180 Resp: 371246
Ion Ratio Lower Upper
180 100
182 93.9 78.2 117.4
145 31.9 21.6 32.4





#31

Naphthalene

Concen: 40.90 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

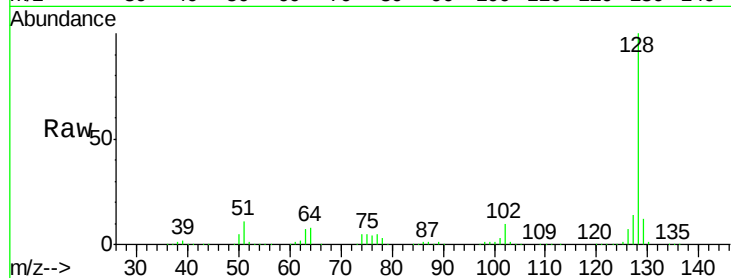
Tgt Ion:128 Resp: 1173069

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

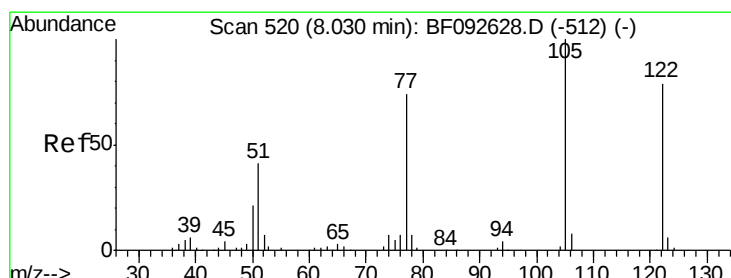
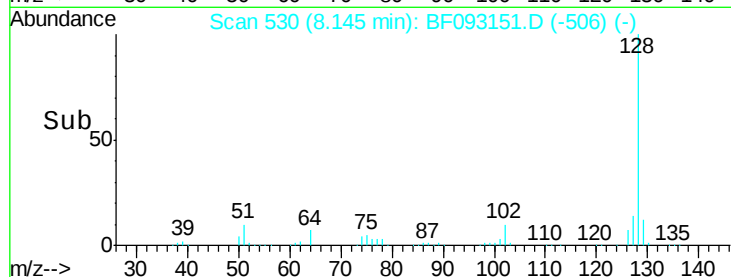
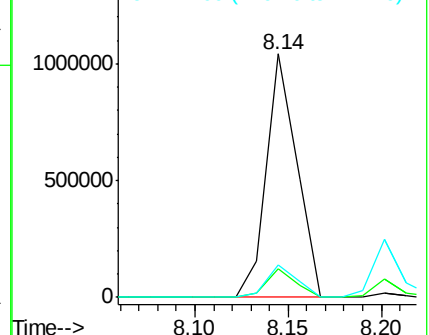
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.23 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

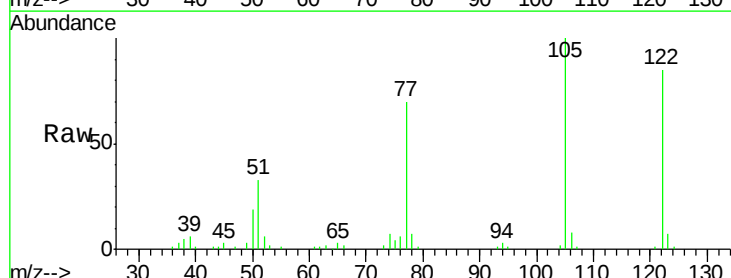
Tgt Ion:122 Resp: 243997

Ion Ratio Lower Upper

122 100

105 117.2 107.2 147.2

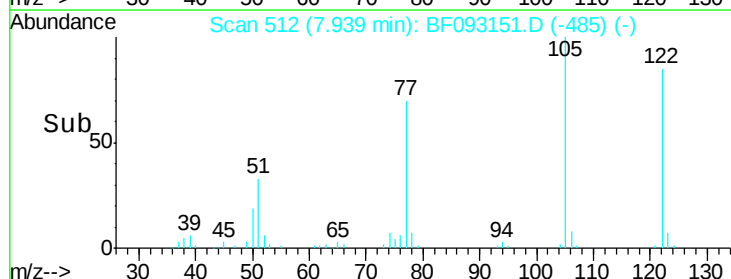
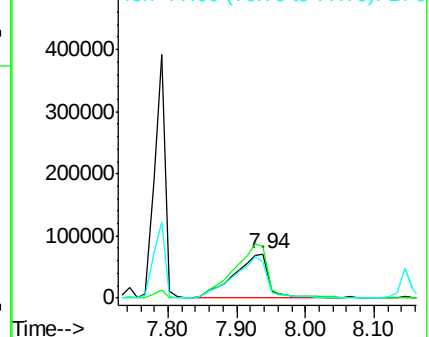
77 82.6 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

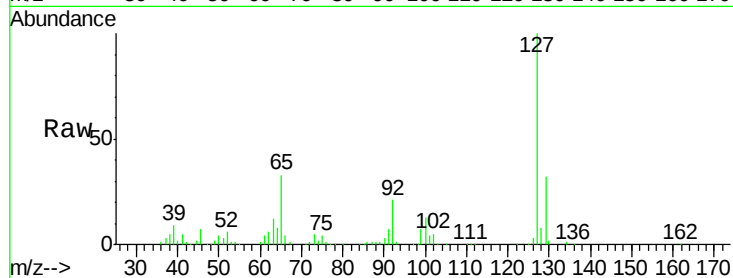




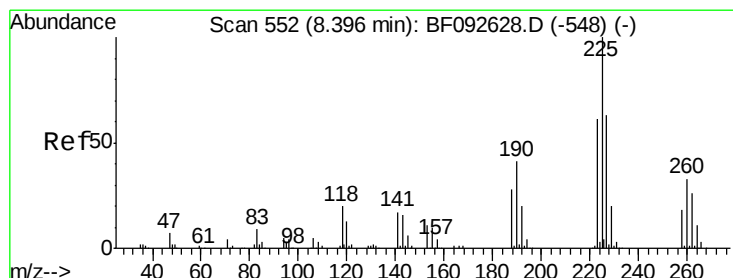
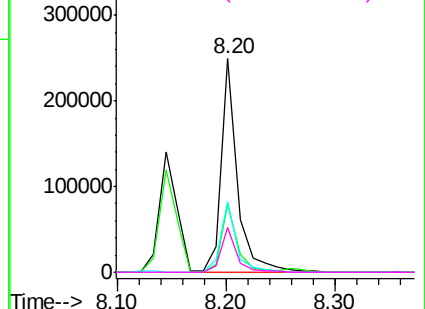
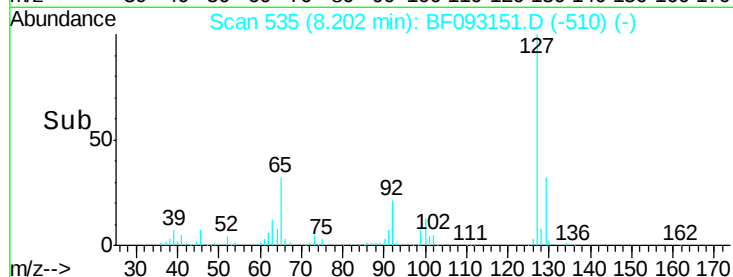
#33
4-Chloroaniline
Concen: 22.85 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Tgt Ion:	127	Resp:	257029
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	32.8	25.8	38.8
92	21.2	16.1	24.1

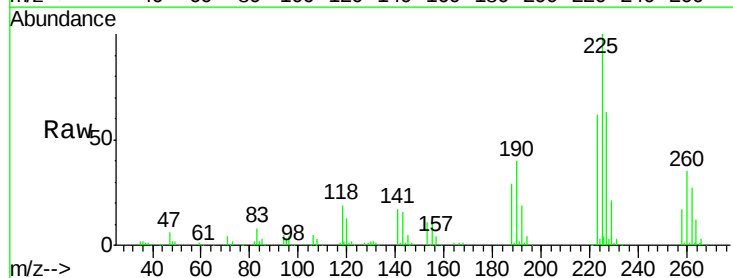


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

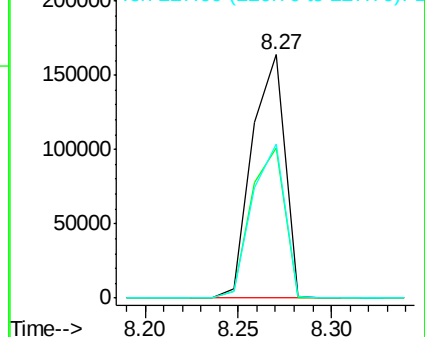
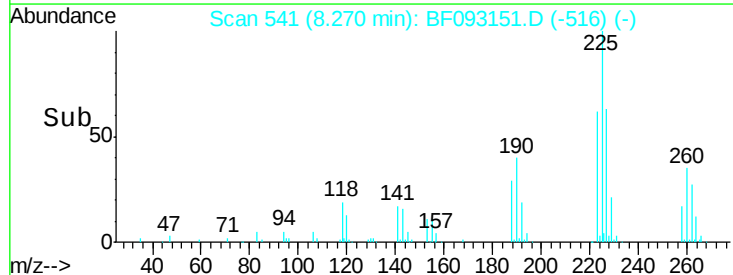


#34
Hexachlorobutadiene
Concen: 41.32 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:	225	Resp:	199022
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.3	50.6	76.0



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

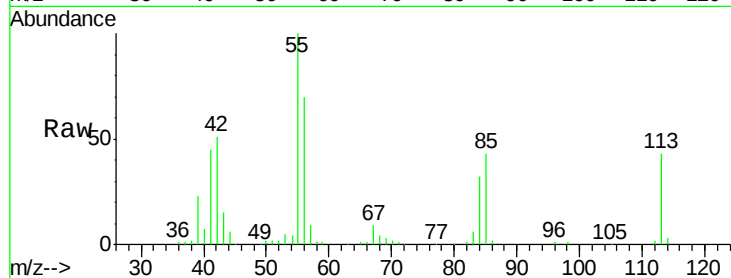




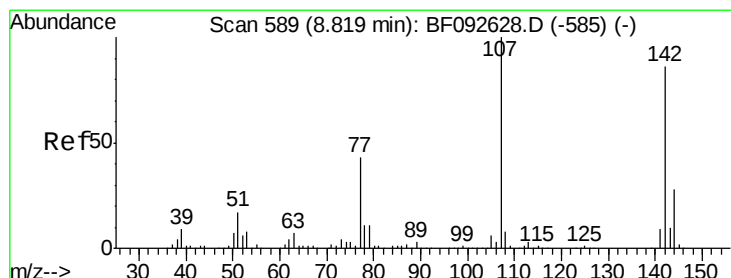
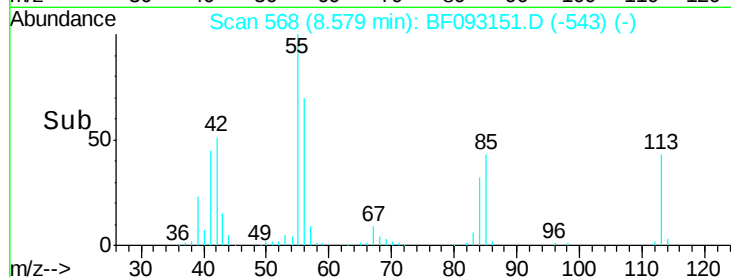
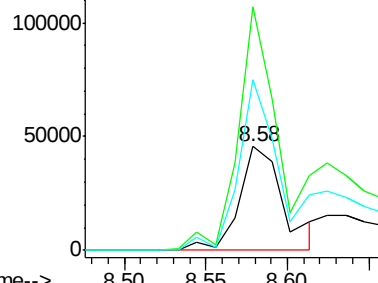
#35
 Caprolactam
 Concen: 33.35 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion:113 Resp: 85219
 Ion Ratio Lower Upper
 113 100
 55 235.1 119.2 159.2#
 56 164.4 83.8 123.8#

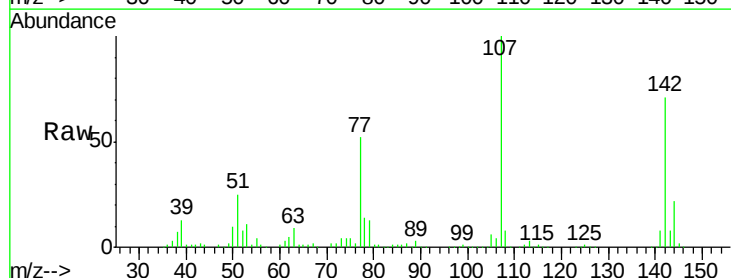


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

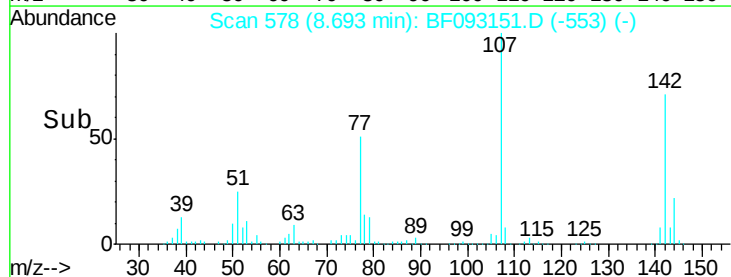
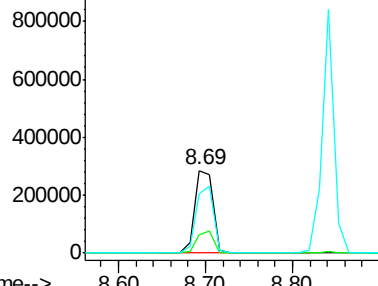


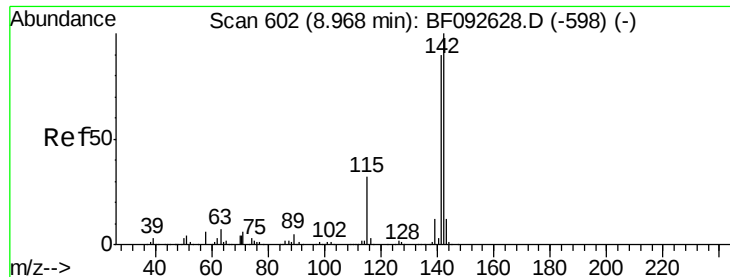
#36
 4-Chloro-3-methylphenol
 Concen: 49.42 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion:107 Resp: 418509
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.3 28.9
 142 71.3 59.0 88.6



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

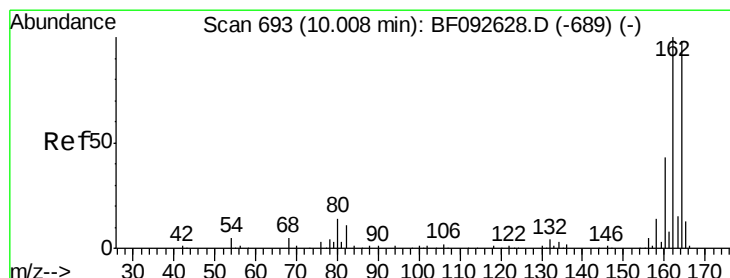
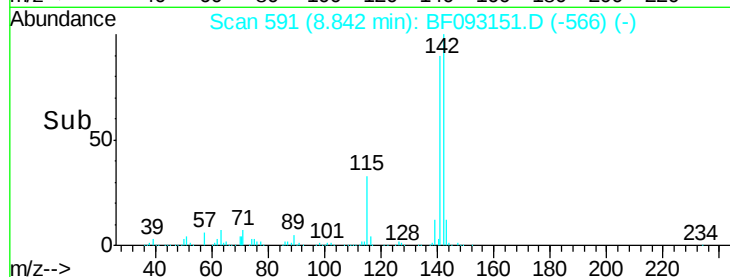
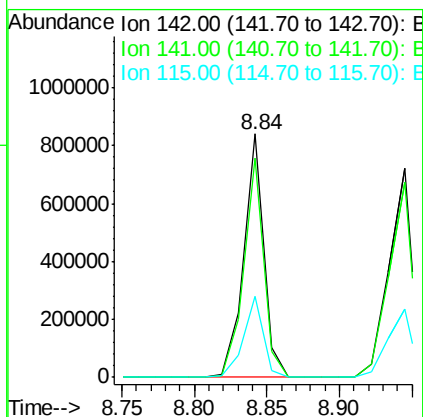
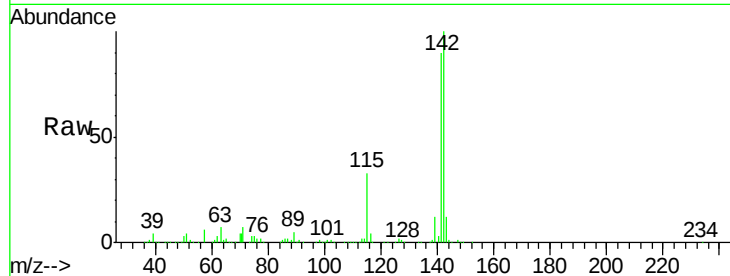




#37
 2-Methylnaphthalene
 Concen: 43.88 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

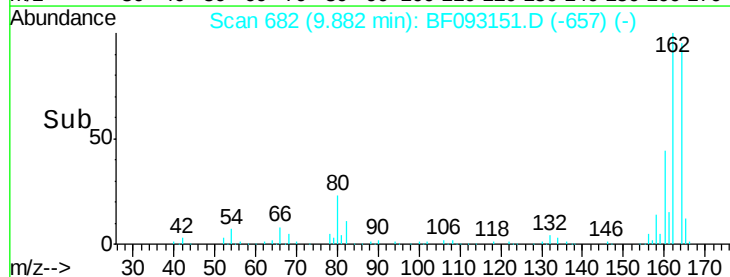
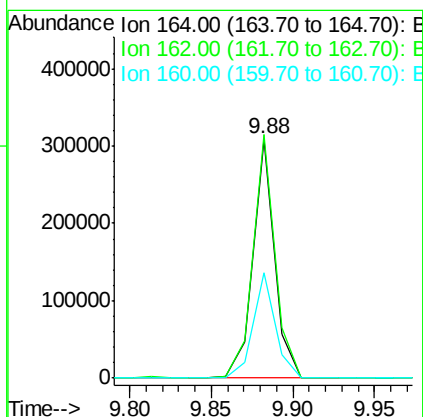
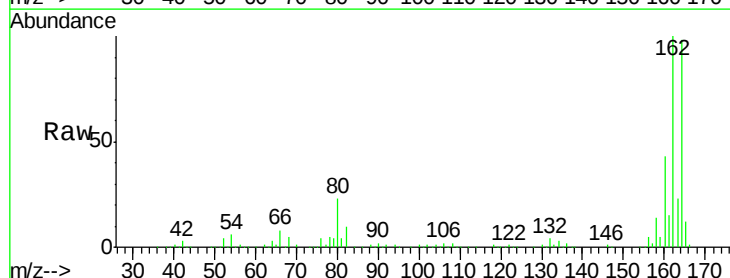
Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

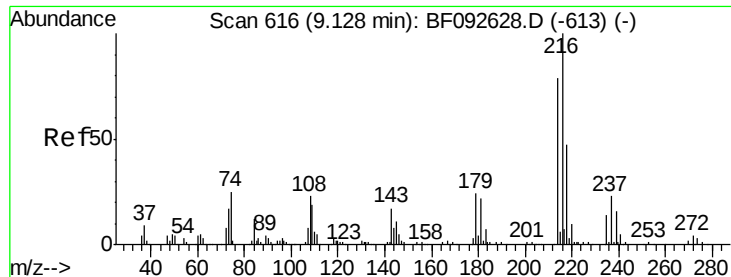
Tgt Ion:142 Resp: 808033
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 33.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion:164 Resp: 284720
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 44.1 36.9 55.3

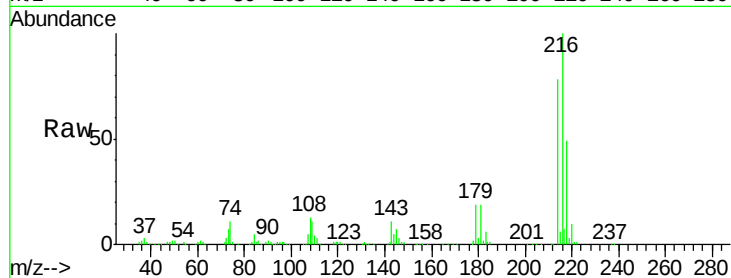




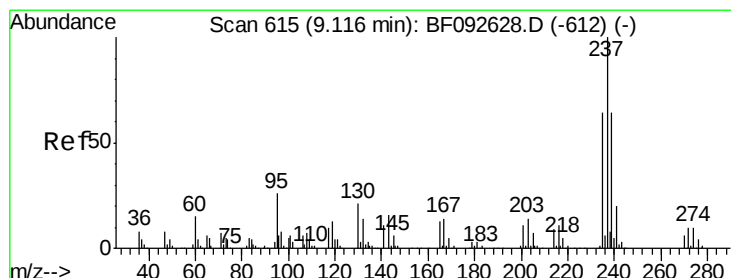
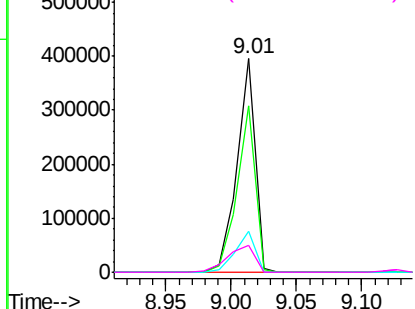
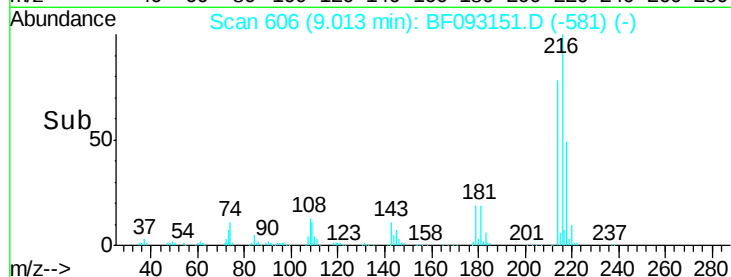
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion:	216	Resp:	379480
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.0
179	20.8	17.4	26.2
108	19.0	15.6	23.4

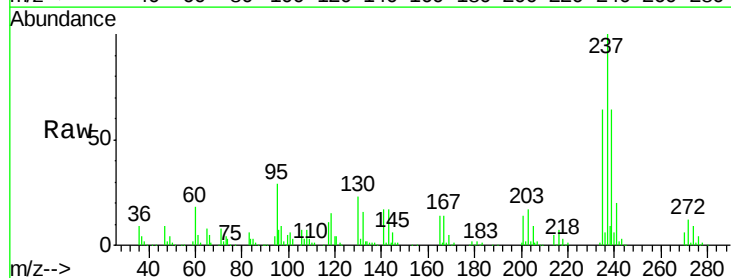


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

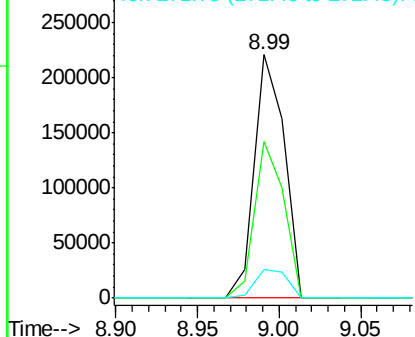
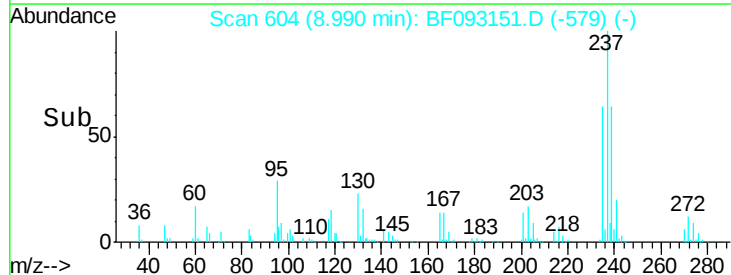


#40
 Hexachlorocyclopentadiene
 Concen: 78.15 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion:	237	Resp:	281786
Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.2	81.2
272	11.7	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

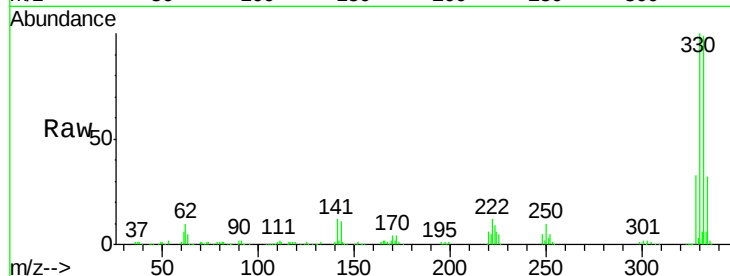




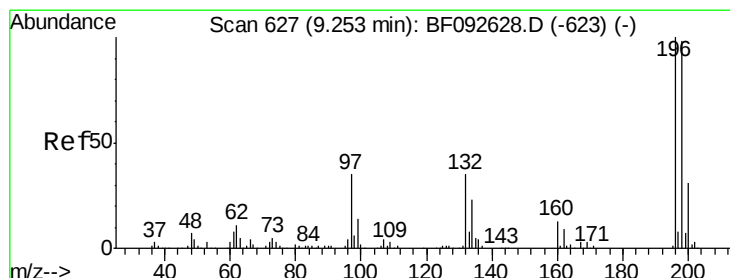
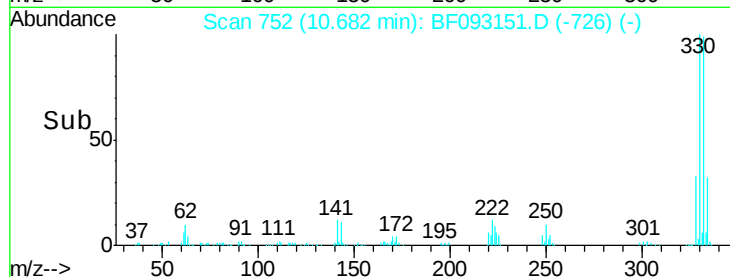
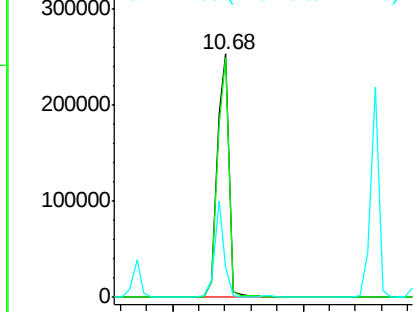
#41
 2,4,6-Tribromophenol
 Concen: 159.66 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion:330 Resp: 328777
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 32.1 34.1 51.1#

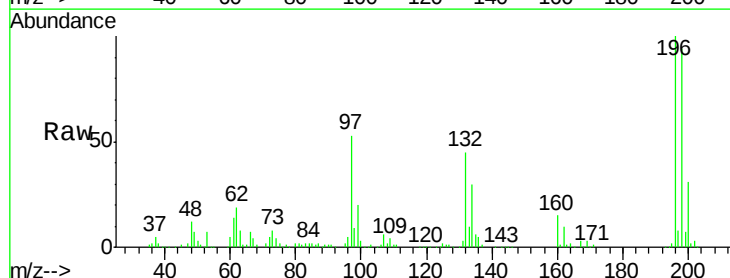


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

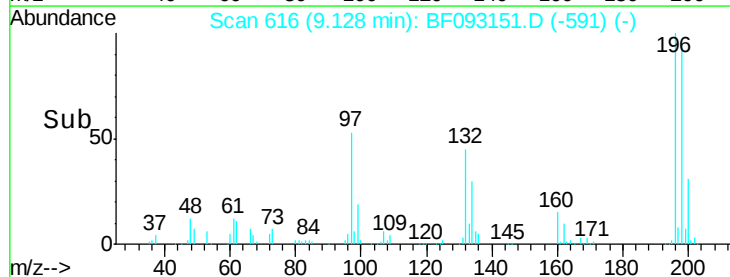
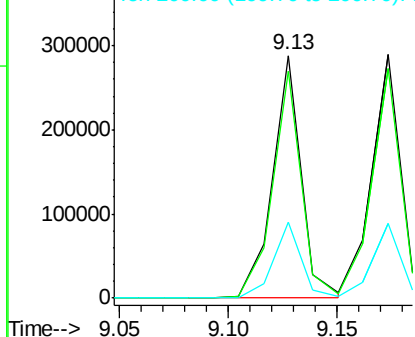


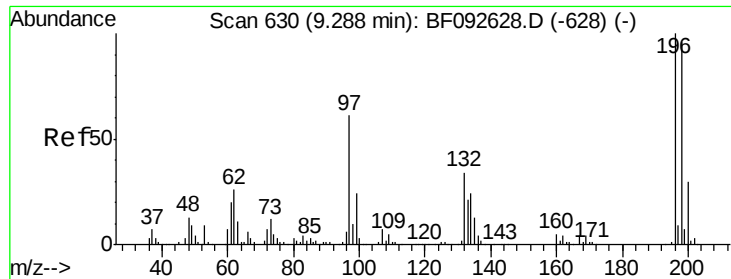
#42
 2,4,6-Trichlorophenol
 Concen: 50.78 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion:196 Resp: 266667
 Ion Ratio Lower Upper
 196 100
 198 93.5 82.1 123.1
 200 31.2 27.0 40.4



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

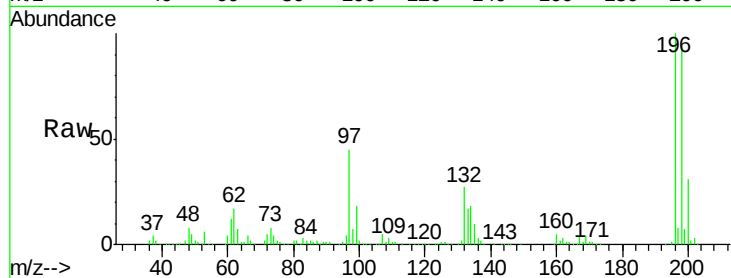




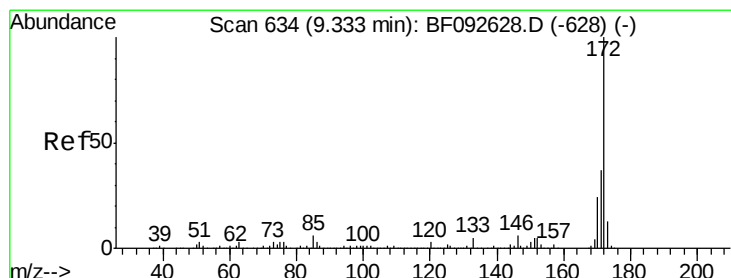
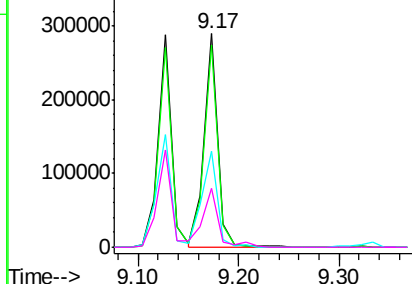
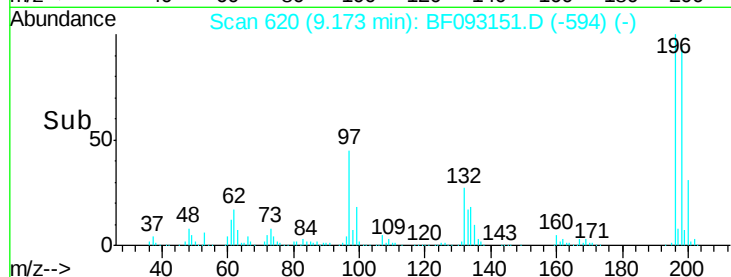
#43
 2,4,5-Trichlorophenol
 Concen: 47.32 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion:196 Resp: 272303
 Ion Ratio Lower Upper
 196 100
 198 94.4 79.4 119.2
 97 45.1 51.5 77.3#
 132 27.5 27.4 41.2

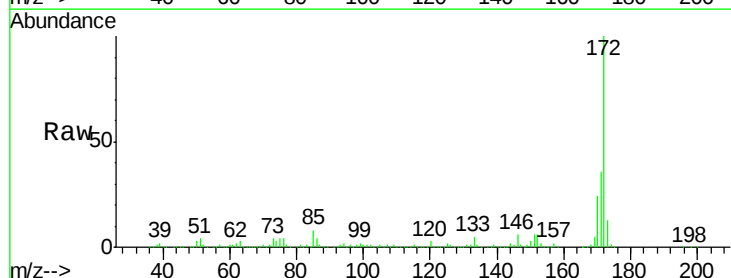


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

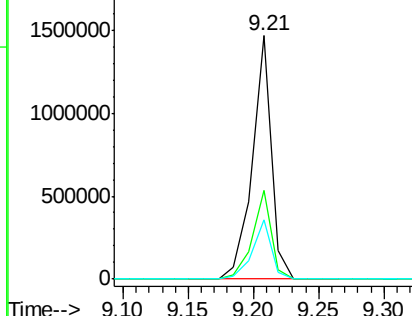
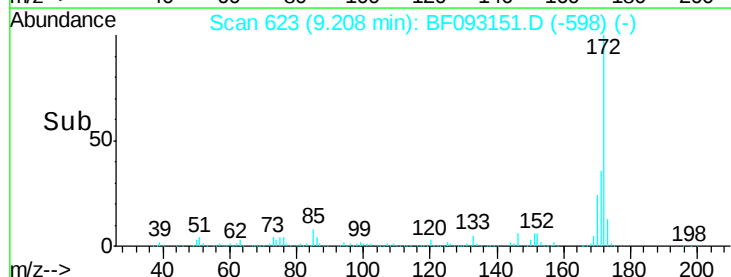


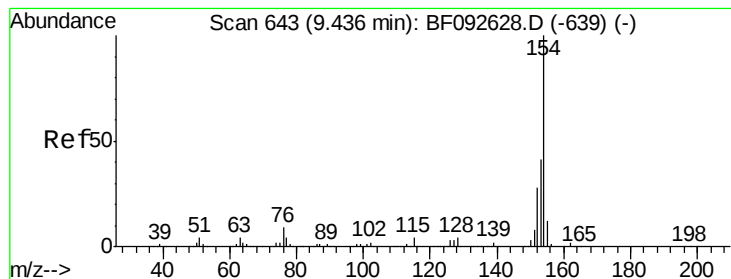
#44
 2-Fluorobiphenyl
 Concen: 95.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion:172 Resp: 1496287
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 50.85 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampled :

PB97152BS

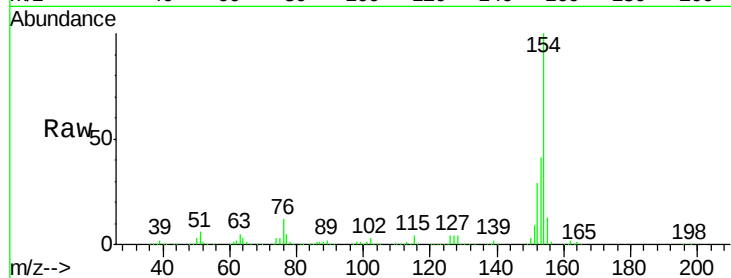
Tgt Ion:154 Resp: 1048298

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

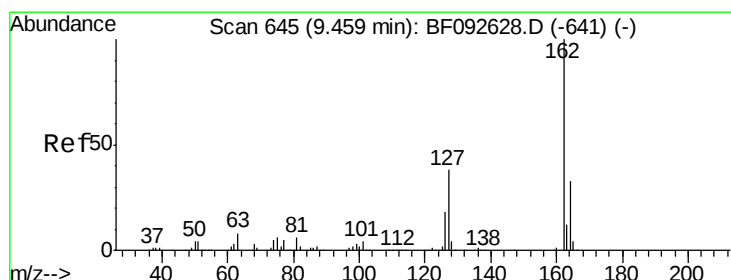
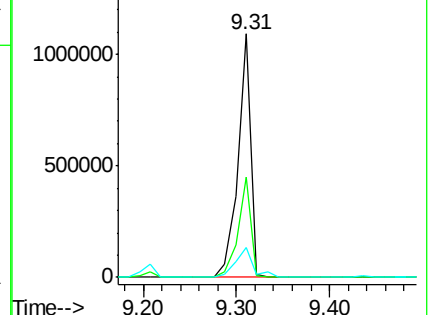
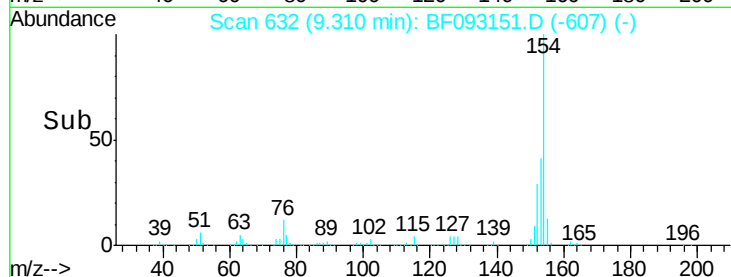
76 12.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.00 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

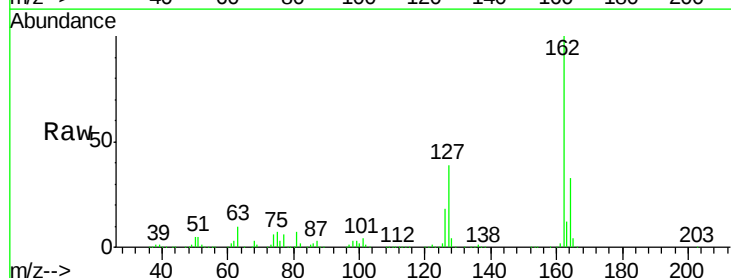
Tgt Ion:162 Resp: 790290

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

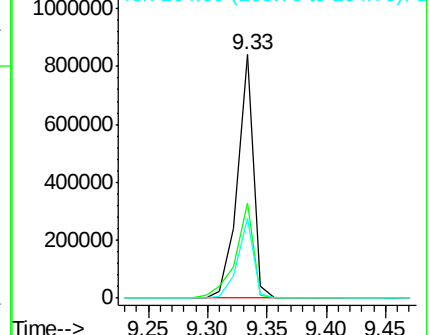
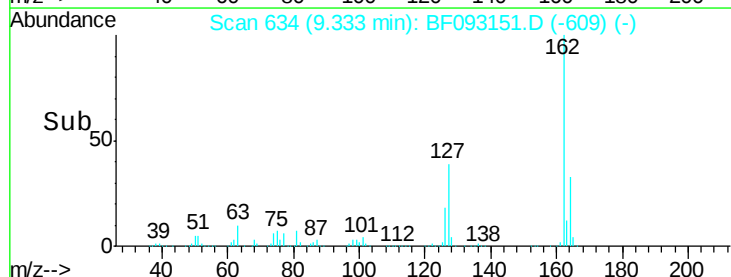
164 32.7 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

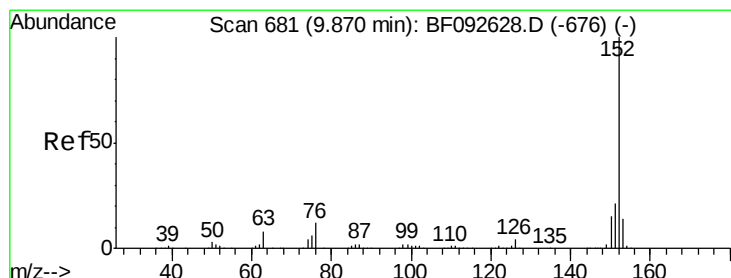
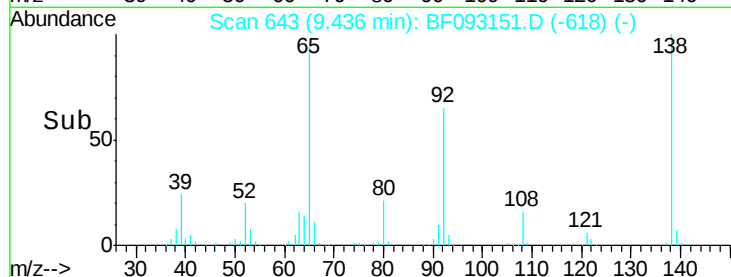
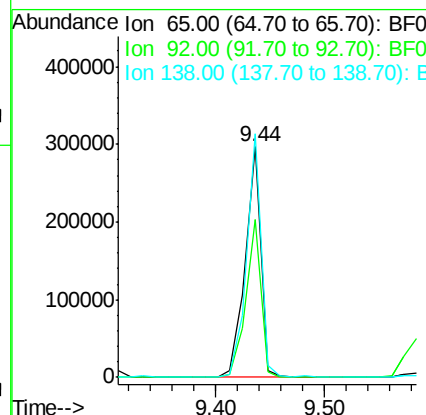
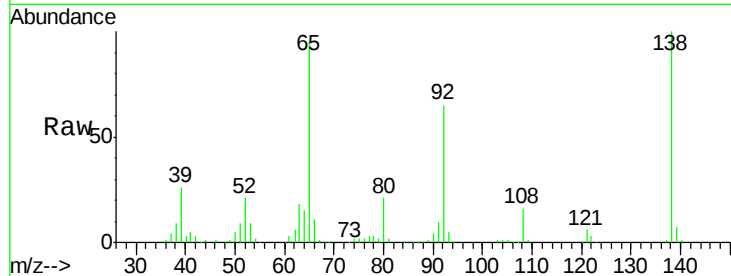




#47
 2-Nitroaniline
 Concen: 53.75 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

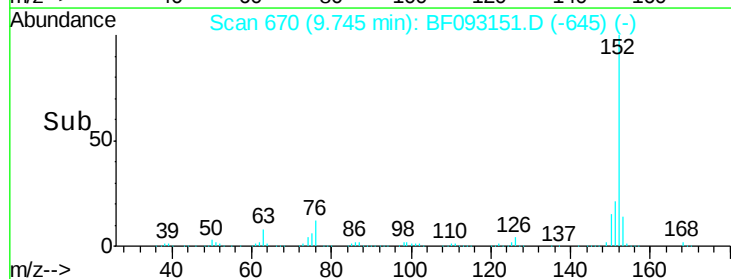
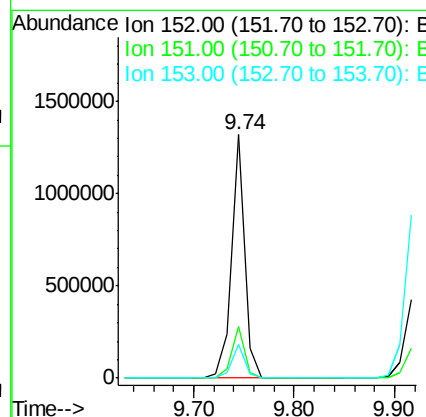
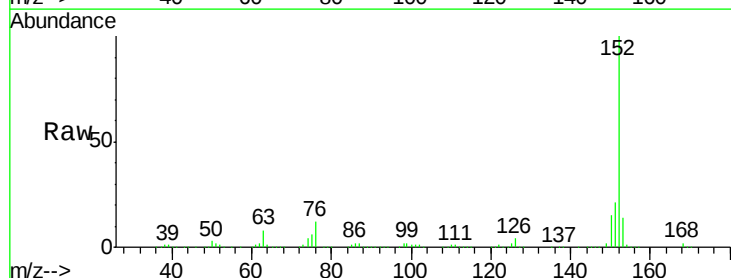
Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion: 65 Resp: 291487
 Ion Ratio Lower Upper
 65 100
 92 68.3 53.9 80.9
 138 105.7 76.8 115.2



#48
 Acenaphthylene
 Concen: 43.04 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion: 152 Resp: 1199183
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.9 25.3
 153 13.8 11.4 17.2





#49

Dimethylphthalate

Concen: 52.22 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

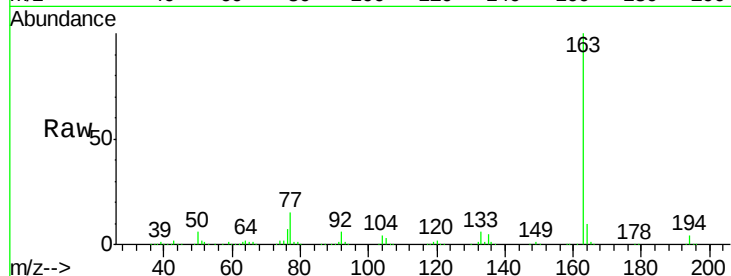
Tgt Ion:163 Resp: 1001440

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

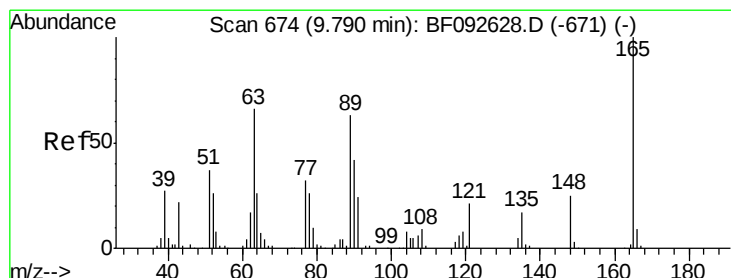
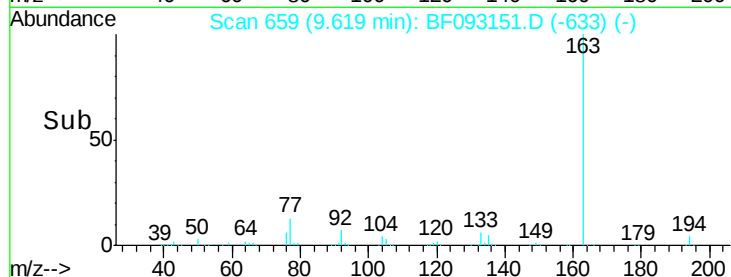
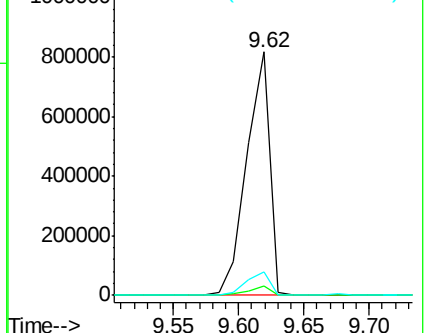
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.30 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

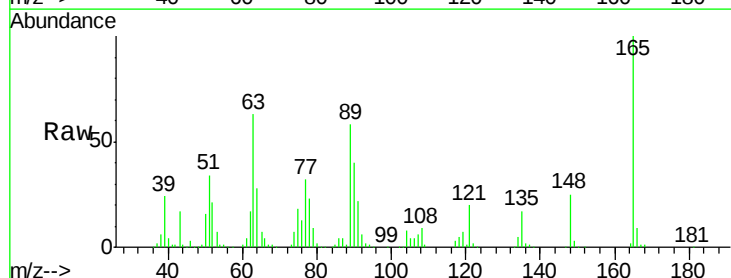
Tgt Ion:165 Resp: 200048

Ion Ratio Lower Upper

165 100

63 63.3 36.2 54.4#

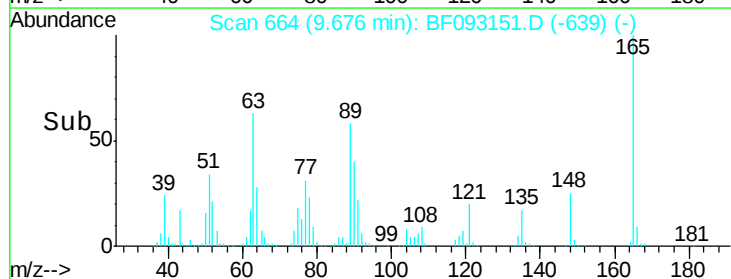
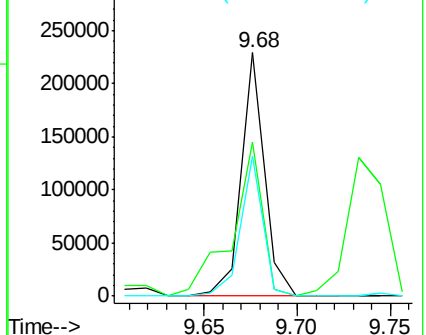
89 57.6 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.69 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

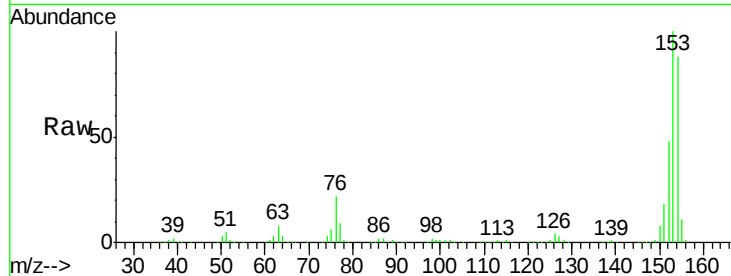
Tgt Ion:154 Resp: 694468

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

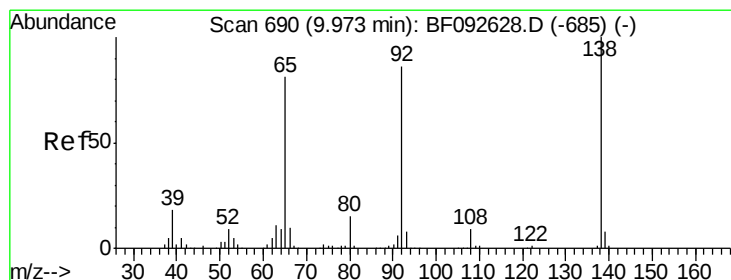
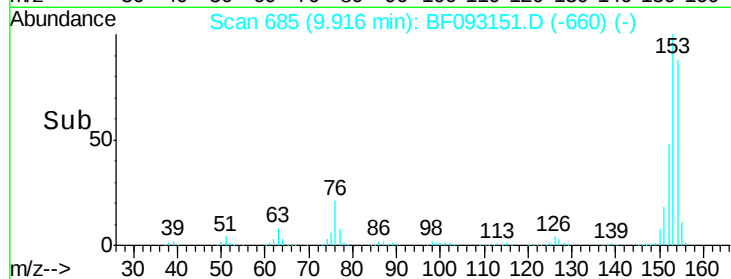
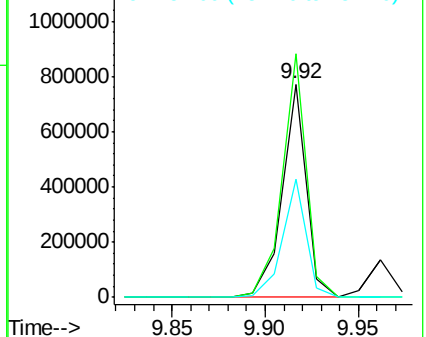
152 55.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.76 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

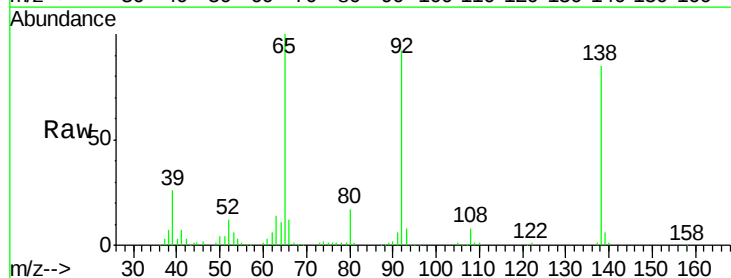
Tgt Ion:138 Resp: 150550

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

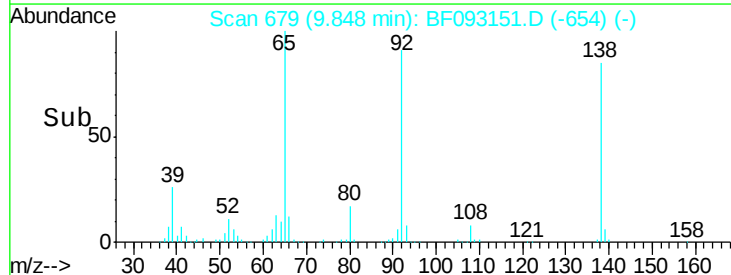
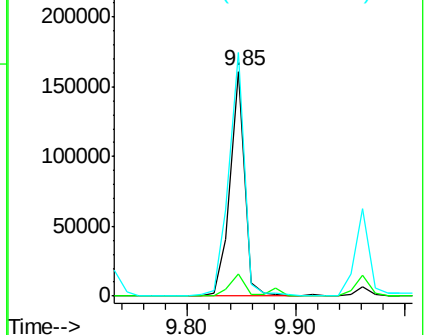
92 108.2 97.8 146.8

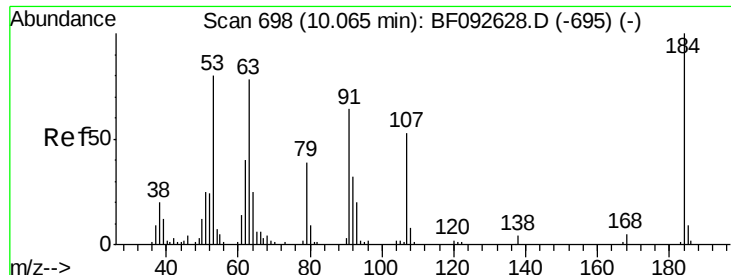


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

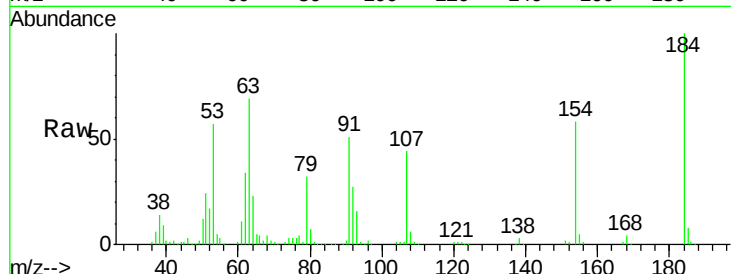




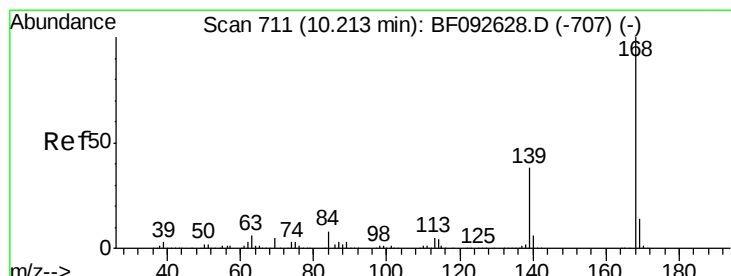
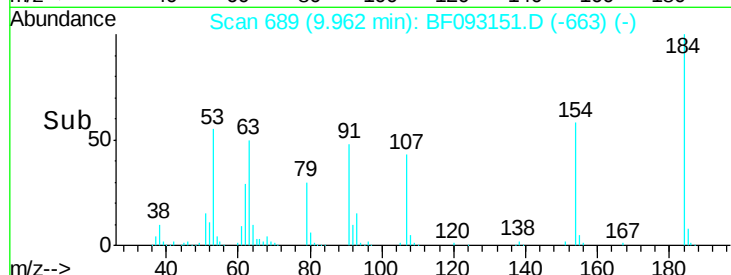
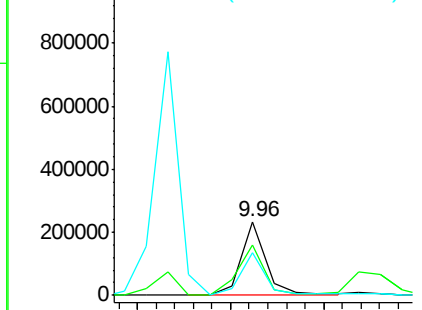
#53
2,4-Dinitrophenol
Concen: 103.95 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Tgt Ion:184 Resp: 222194
Ion Ratio Lower Upper
184 100
63 68.7 28.4 42.6#
154 57.7 44.3 66.5

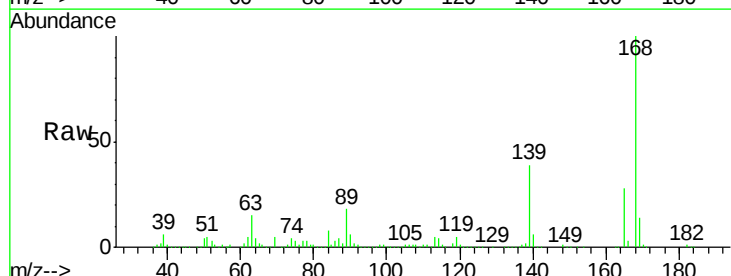


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

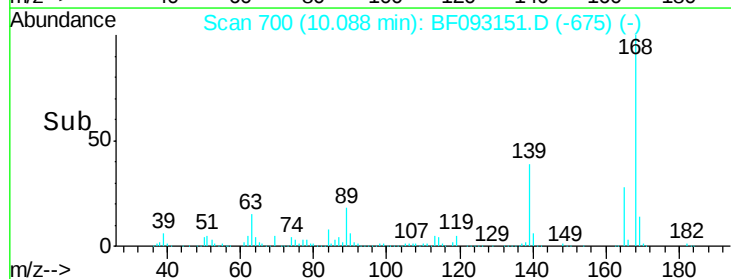
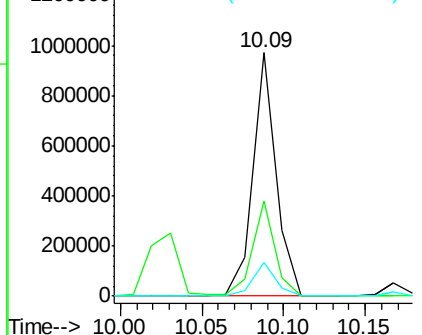


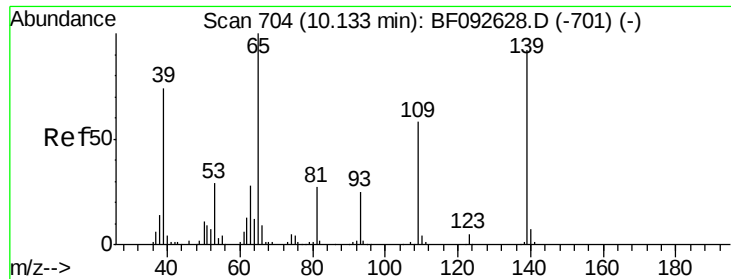
#54
Dibenzofuran
Concen: 43.18 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:168 Resp: 962137
Ion Ratio Lower Upper
168 100
139 38.9 32.6 49.0
169 13.9 11.3 16.9



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

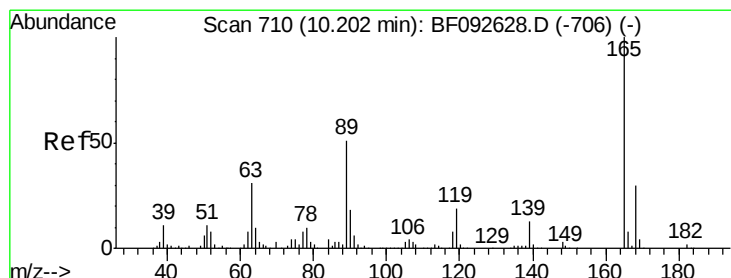
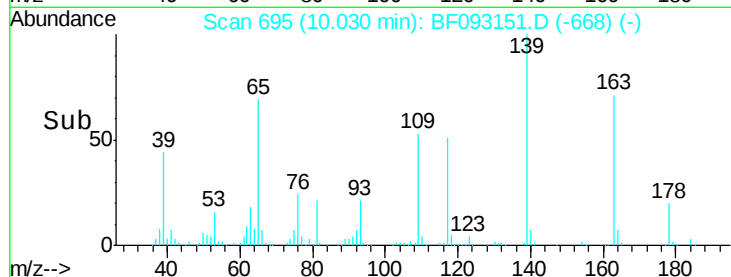
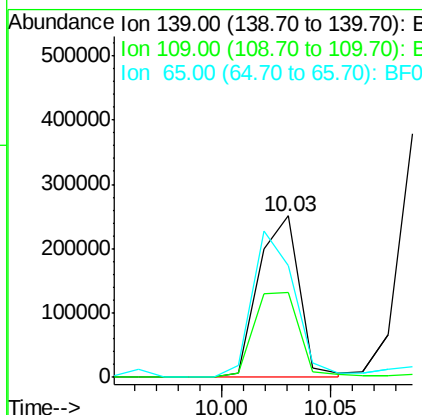
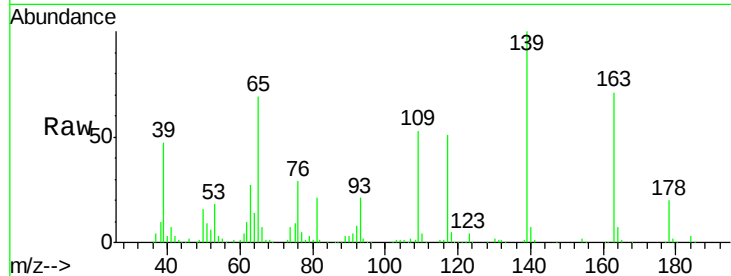




#55
4-Nitrophenol
Concen: 96.06 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

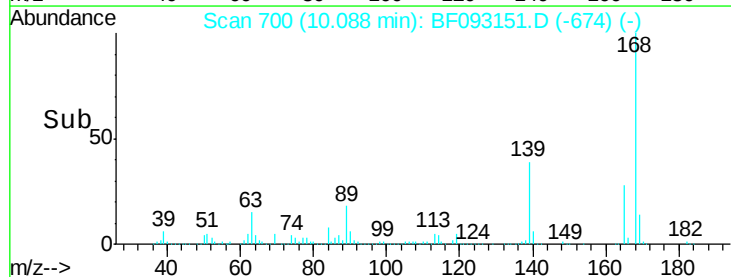
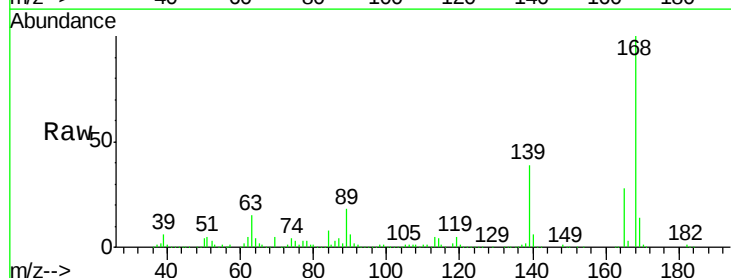
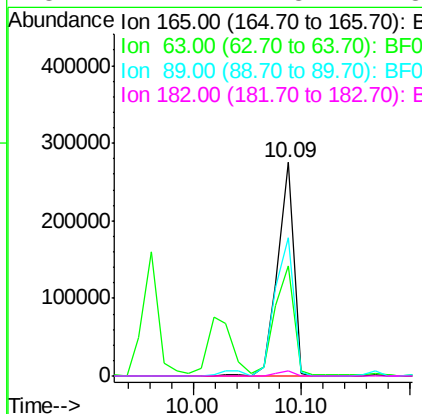
Instrument :
BNA_F
ClientSampleId :
PB97152BS

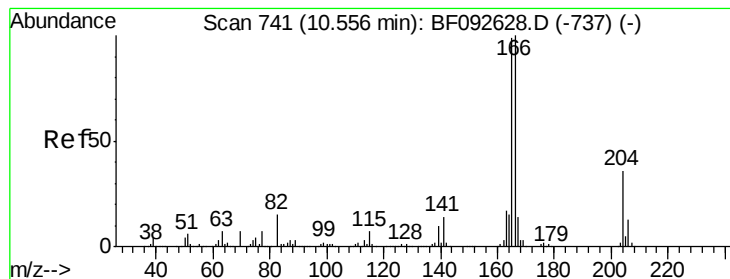
Tgt Ion:139 Resp: 327911
Ion Ratio Lower Upper
139 100
109 52.8 52.2 92.2
65 69.3 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 51.51 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:165 Resp: 284047
Ion Ratio Lower Upper
165 100
63 51.5 40.2 60.4
89 64.7 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 46.40 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

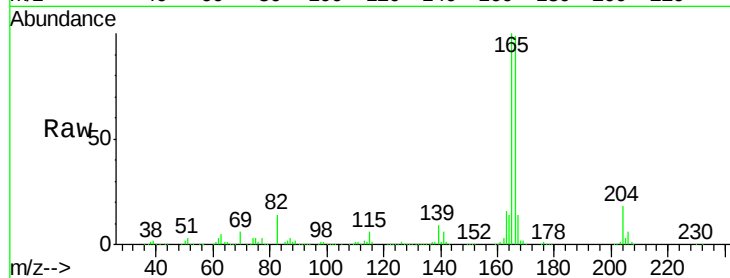
Tgt Ion:166 Resp: 795375

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.8

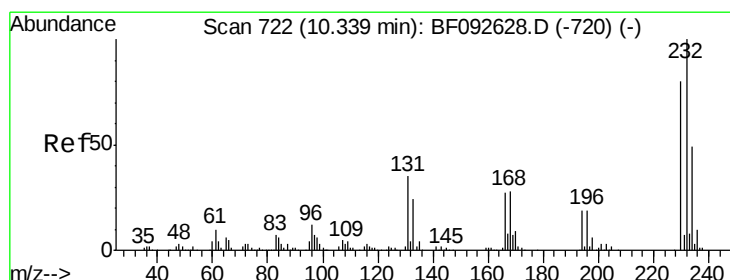
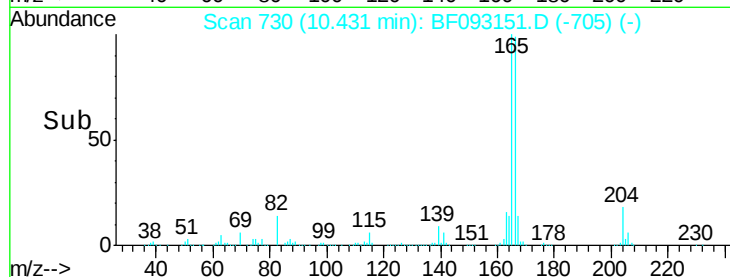
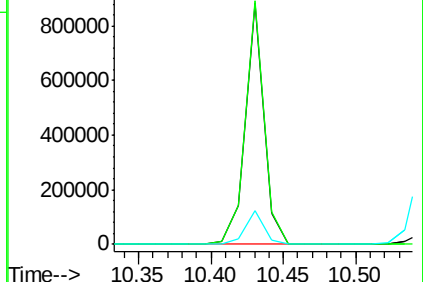
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.90 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Tgt Ion:232 Resp: 218399

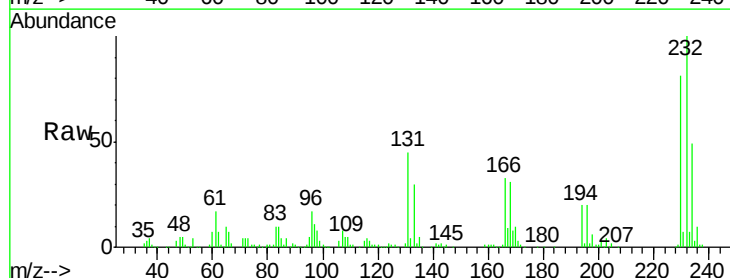
Ion Ratio Lower Upper

232 100

131 45.5 40.1 60.1

130 2.5 1.8 2.8

166 31.8 26.6 39.8

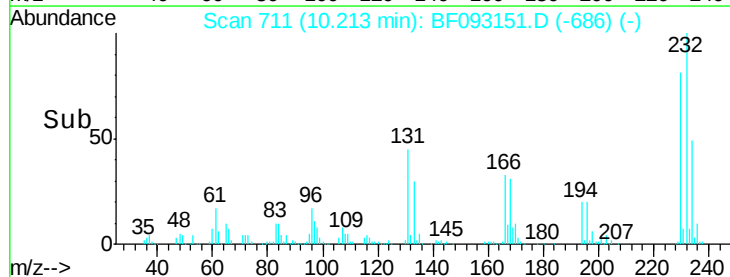
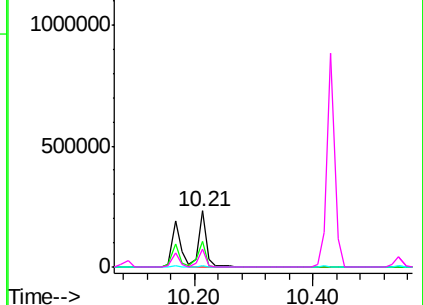


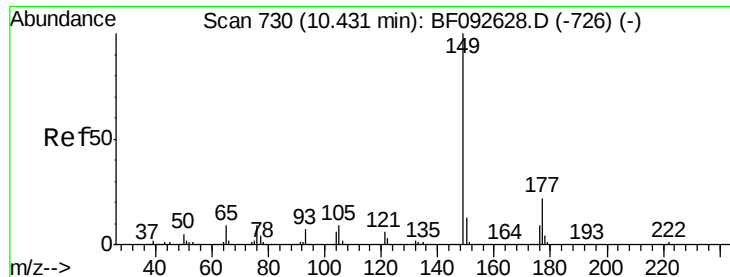
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

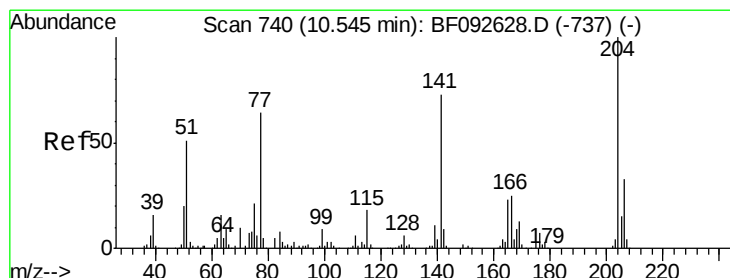
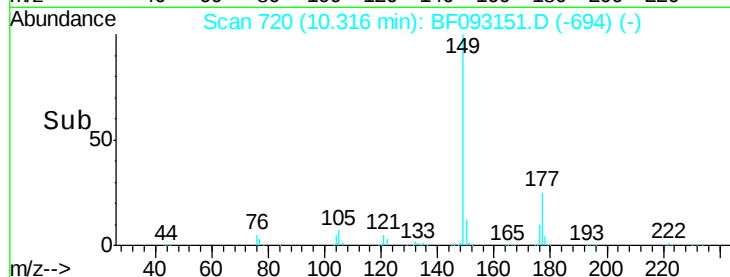
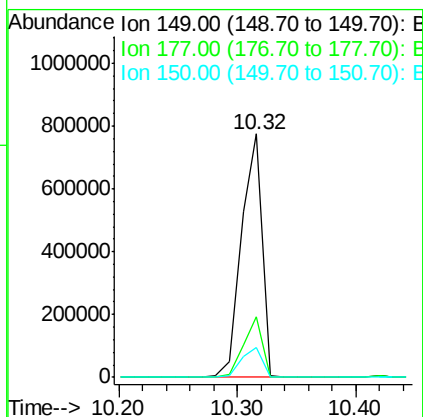
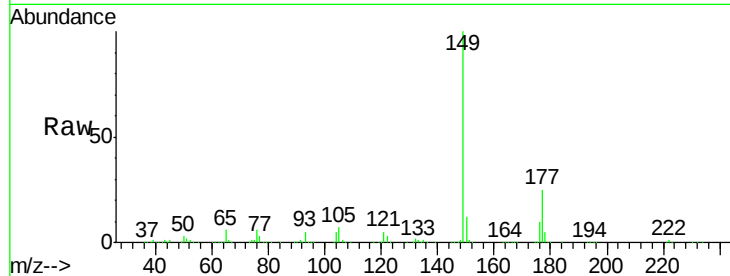




#59
Diethylphthalate
Concen: 51.85 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

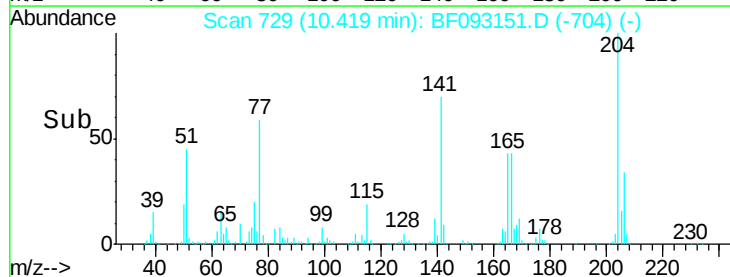
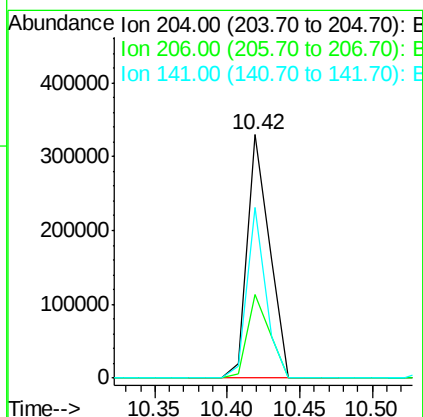
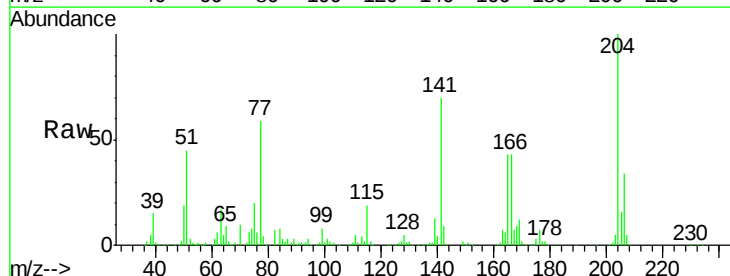
Instrument :
BNA_F
ClientSampleId :
PB97152BS

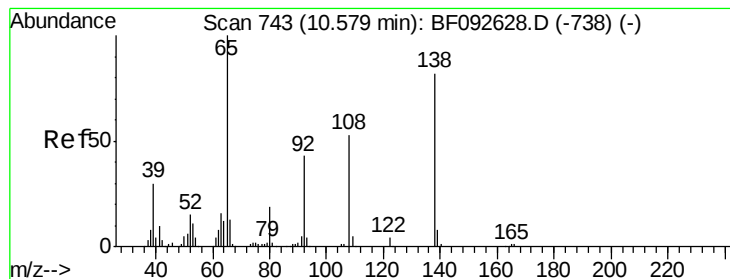
Tgt Ion:149 Resp: 937007
Ion Ratio Lower Upper
149 100
177 24.7 16.6 25.0
150 12.3 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 42.58 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:204 Resp: 350660
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 70.2 59.4 89.0





#61

4-Nitroaniline

Concen: 48.04 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

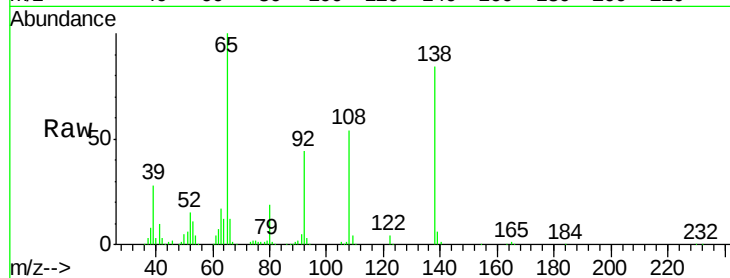
Tgt Ion:138 Resp: 233191

Ion Ratio Lower Upper

138 100

92 52.0 31.7 71.7

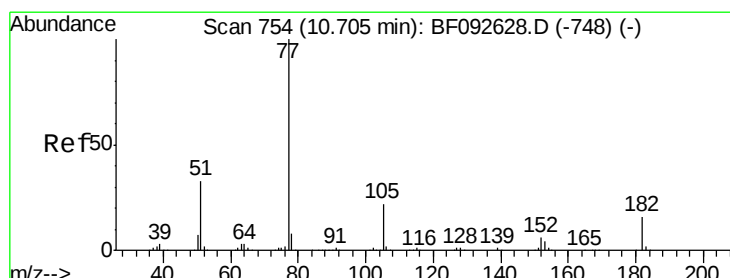
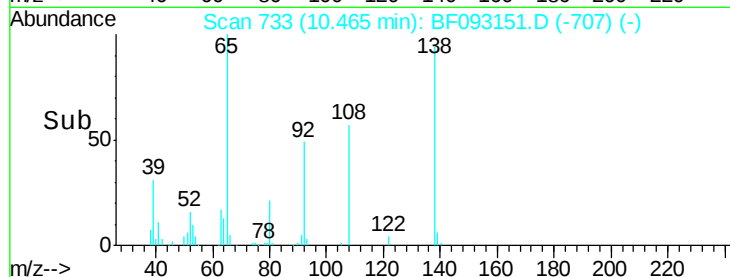
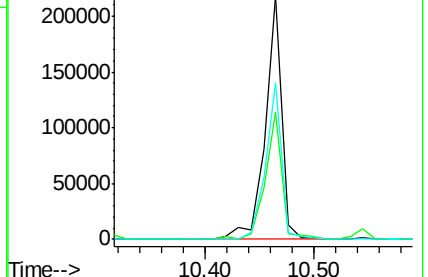
108 64.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.15 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Tgt Ion: 77 Resp: 992404

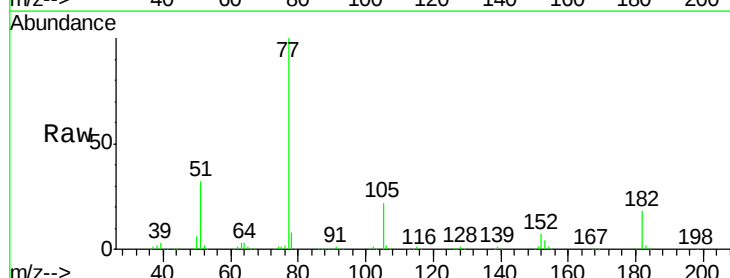
Ion Ratio Lower Upper

77 100

182 17.6 0.0 39.3

105 22.1 2.3 42.3

51 32.0 8.9 48.9

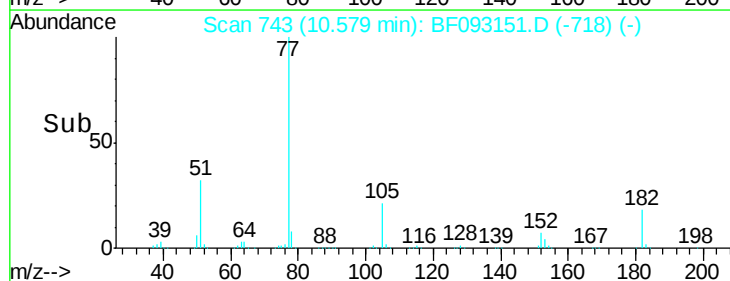
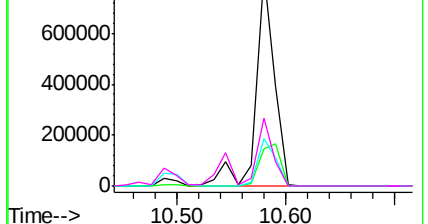


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

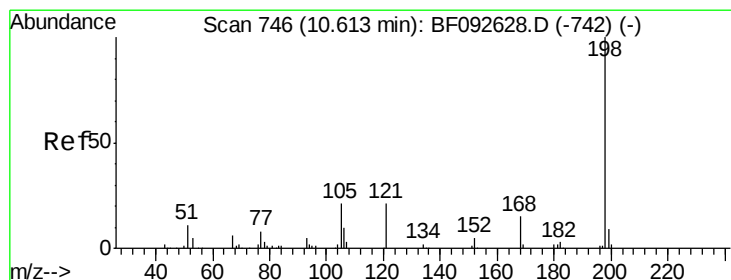
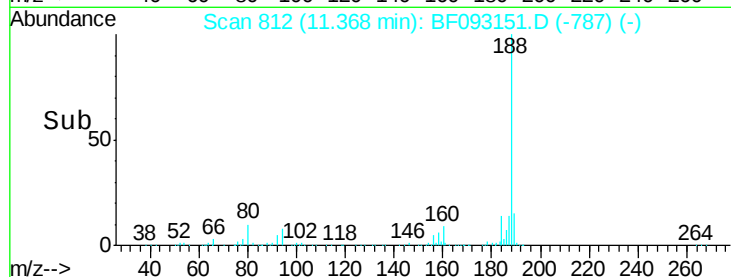
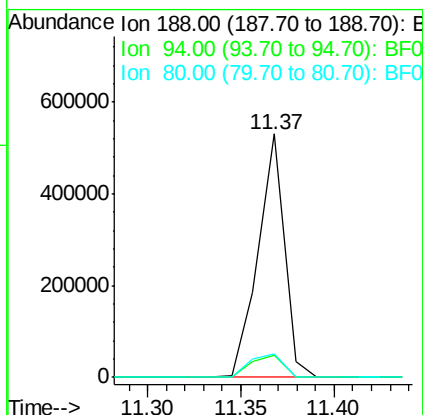
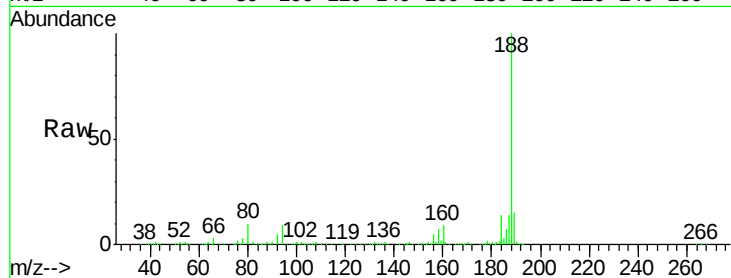




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

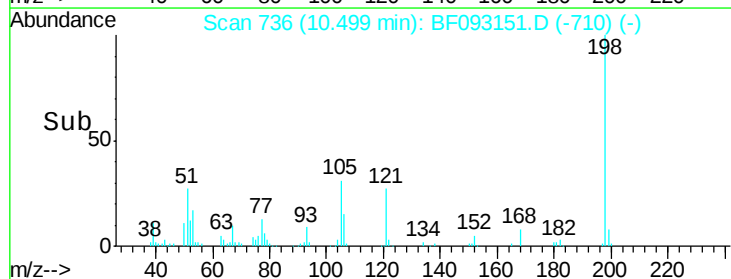
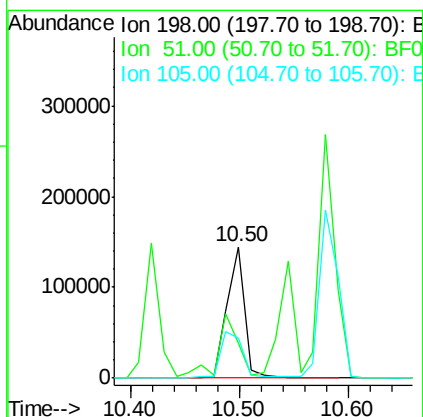
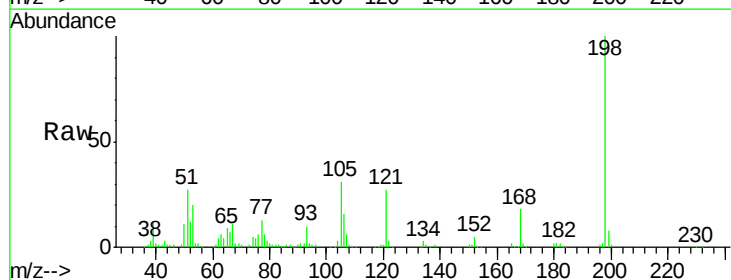
Instrument :
BNA_F
ClientSampleId :
PB97152BS

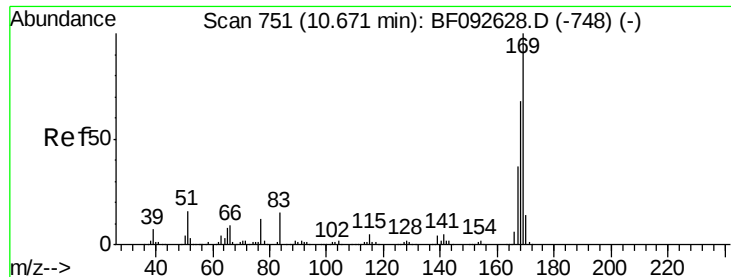
Tgt Ion:188 Resp: 519380
Ion Ratio Lower Upper
188 100
94 9.0 10.0 15.0#
80 9.8 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 51.35 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:198 Resp: 162960
Ion Ratio Lower Upper
198 100
51 26.8 6.7 46.7
105 30.6 16.6 56.6

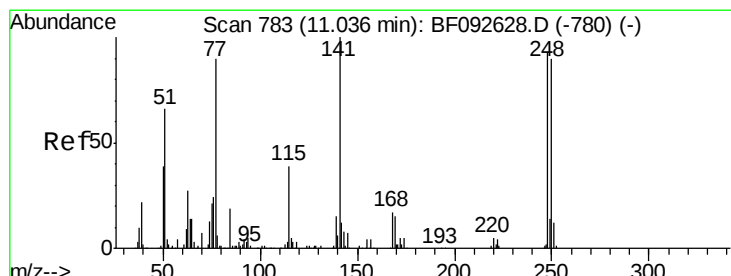
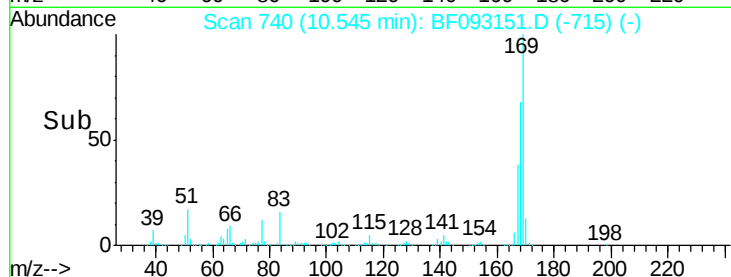
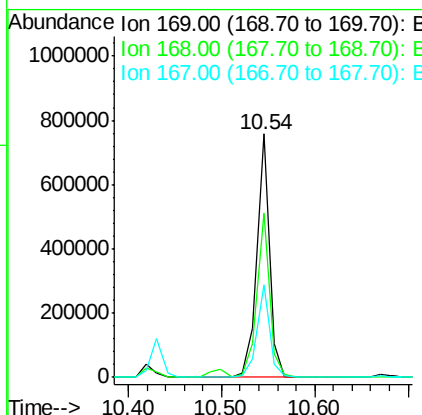
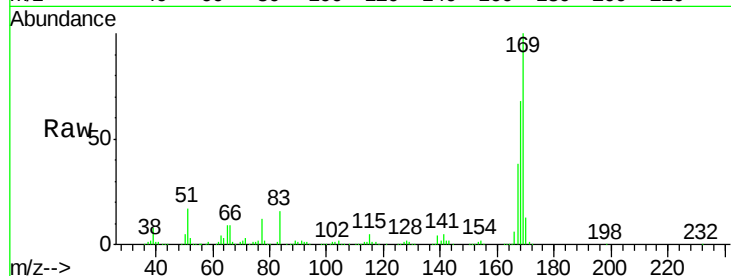




#65
n-Nitrosodiphenylamine
Concen: 42.88 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

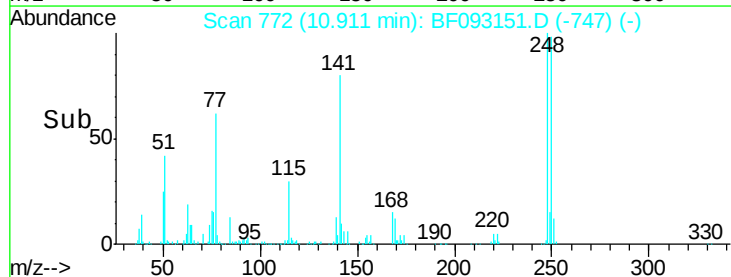
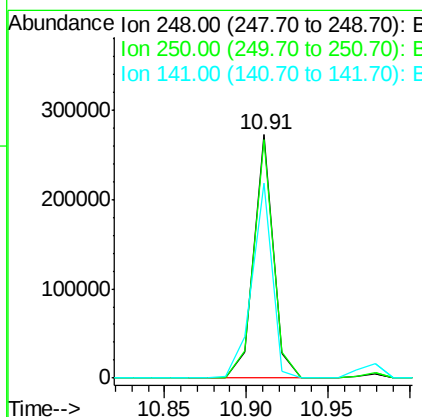
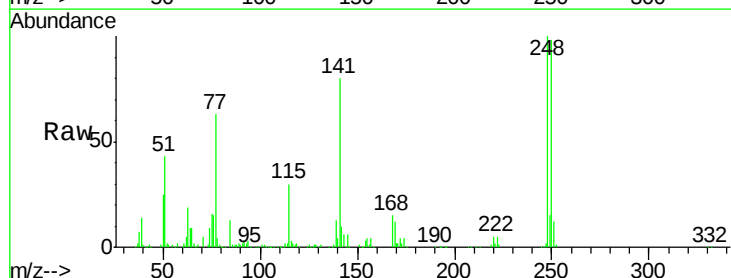
Instrument :
BNA_F
ClientSampleId :
PB97152BS

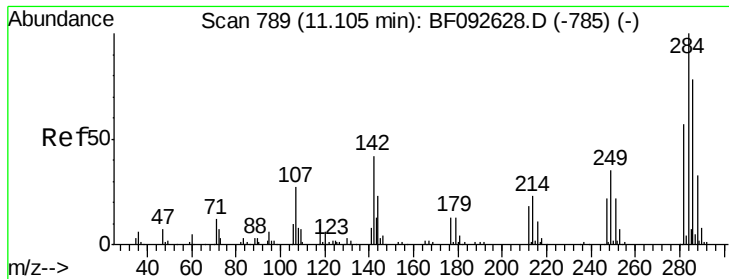
Tgt Ion:169 Resp: 711460
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 38.2 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 41.96 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:248 Resp: 227713
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 80.1 68.2 102.4





#67

Hexachlorobenzene

Concen: 43.51 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

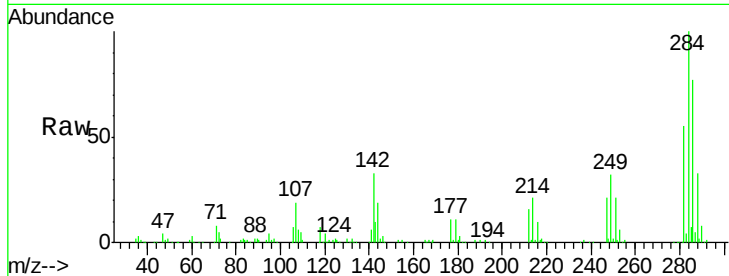
Tgt Ion:284 Resp: 233339

Ion Ratio Lower Upper

284 100

142 32.9 22.6 33.8

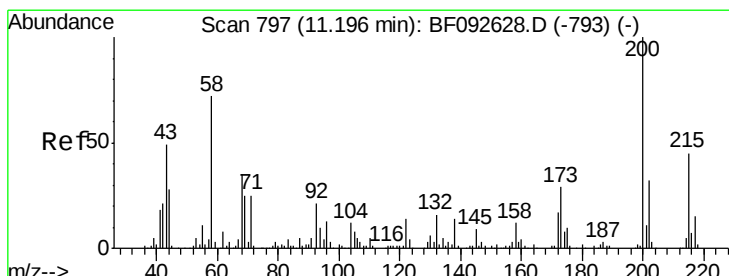
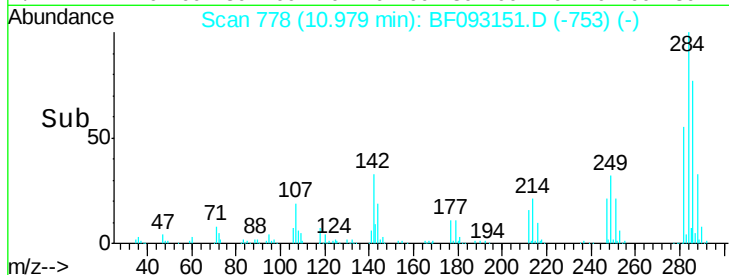
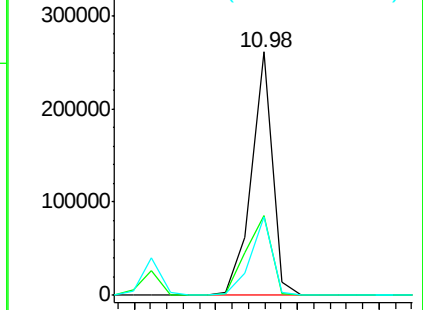
249 32.1 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.24 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

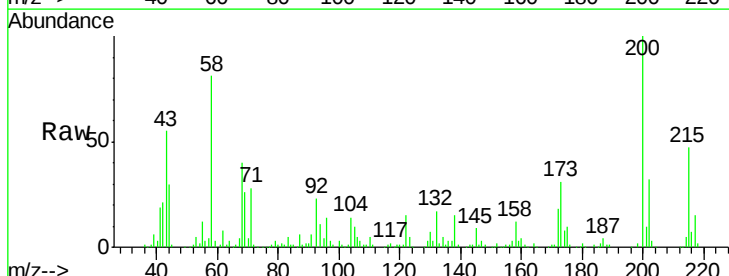
Tgt Ion:200 Resp: 219570

Ion Ratio Lower Upper

200 100

173 30.7 9.6 49.6

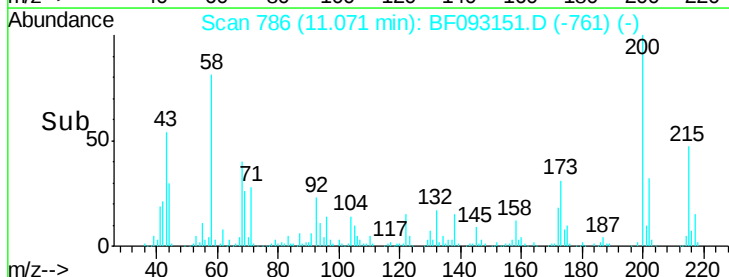
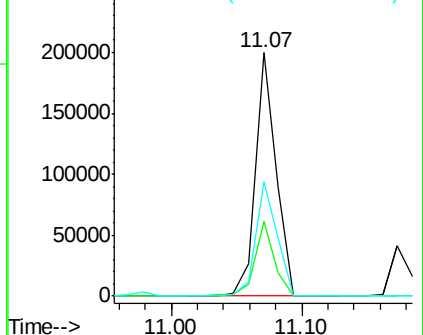
215 47.1 25.7 65.7

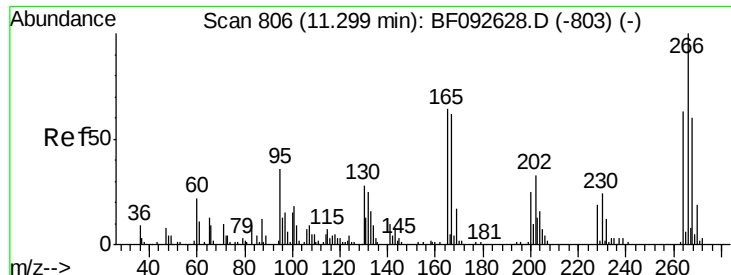


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

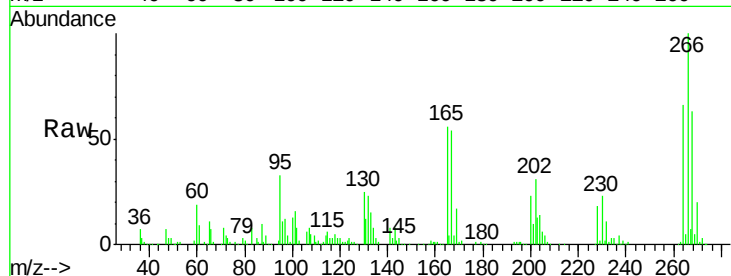




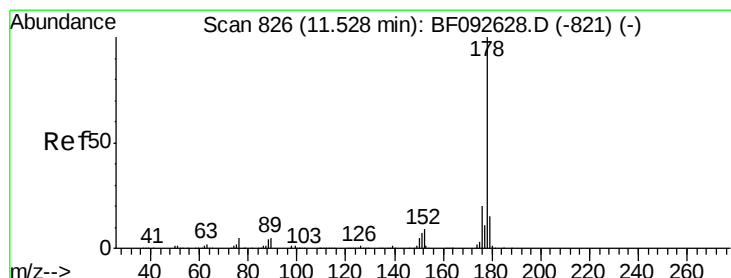
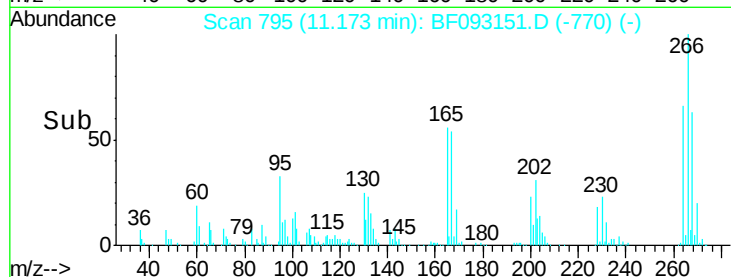
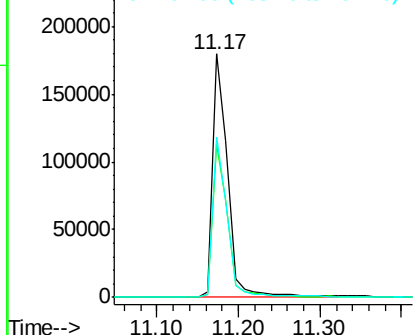
#69
 Pentachlorophenol
 Concen: 83.56 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion: 266 Resp: 232279
 Ion Ratio Lower Upper
 266 100
 268 62.7 53.3 79.9
 264 65.6 50.3 75.5

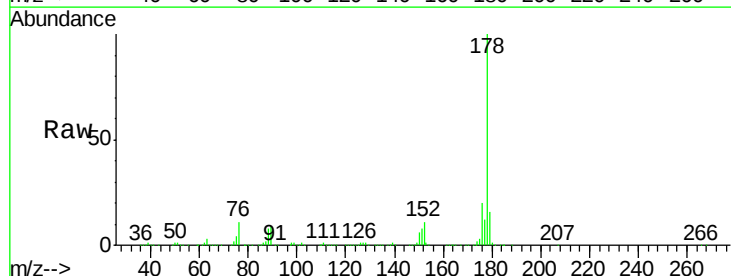


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

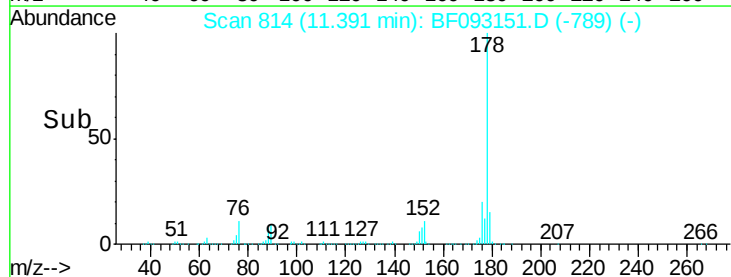
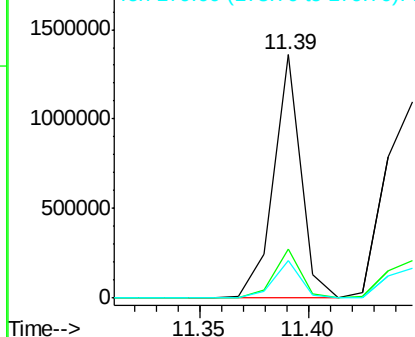


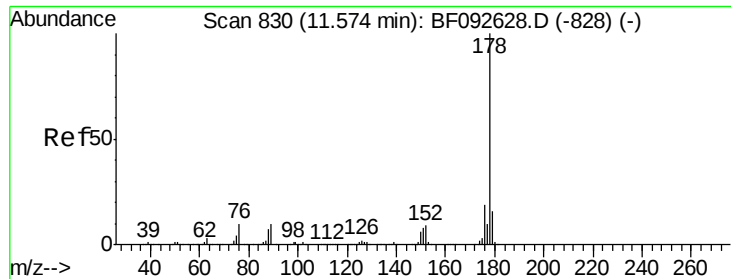
#70
 Phenanthrene
 Concen: 40.23 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion: 178 Resp: 1197151
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.5 12.8 19.2



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

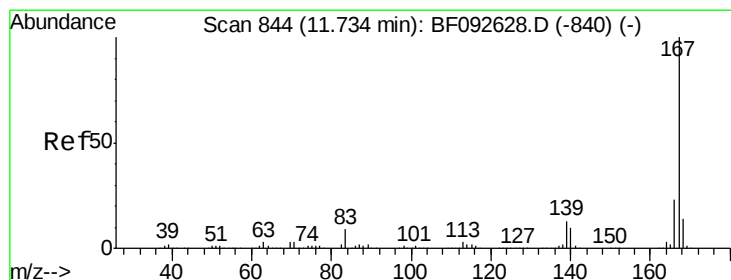
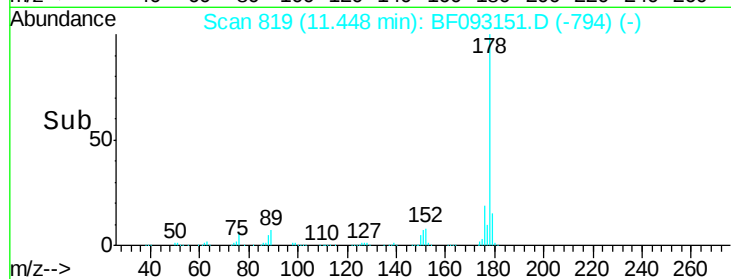
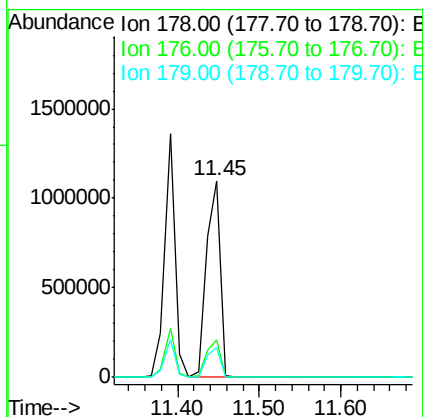
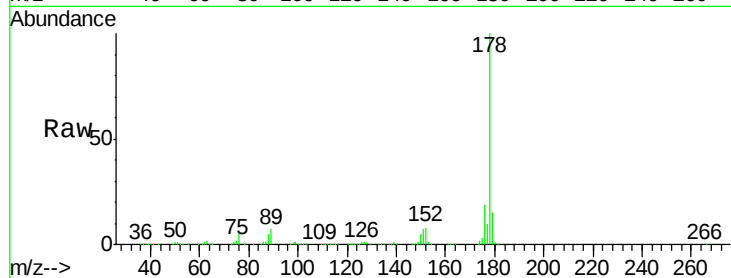




#71
 Anthracene
 Concen: 44.62 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

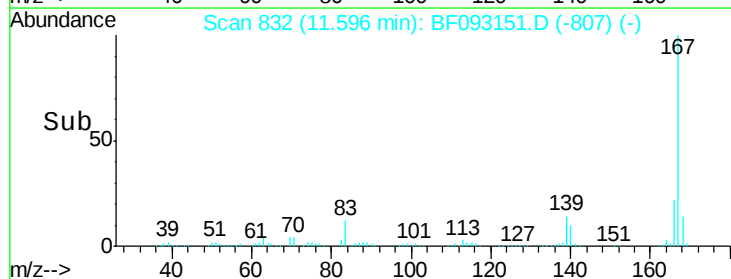
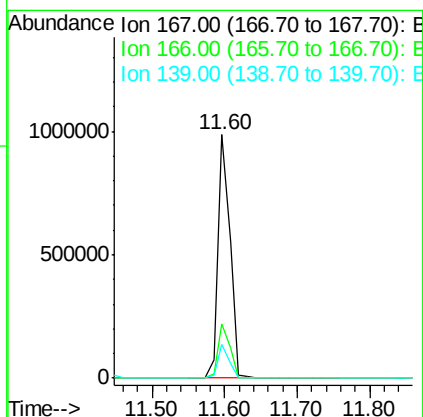
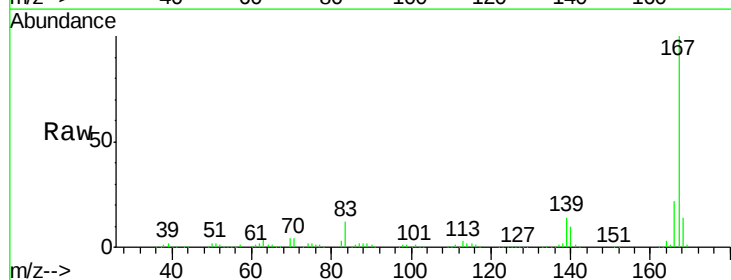
Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

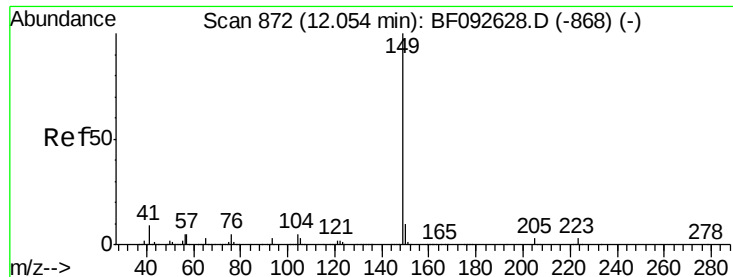
Tgt Ion:178 Resp: 1333383
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 39.43 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion:167 Resp: 1126358
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.62 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

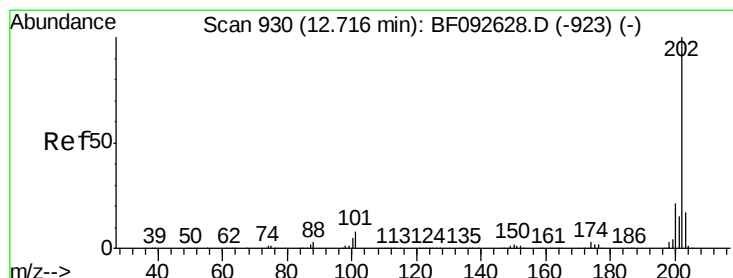
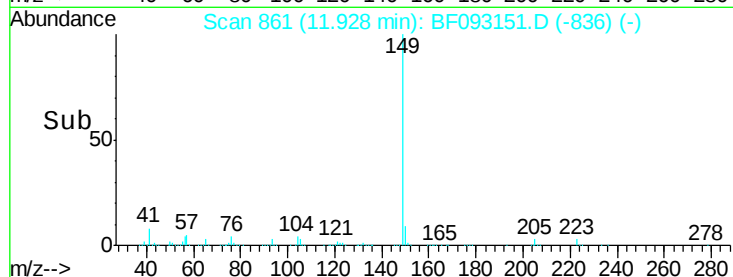
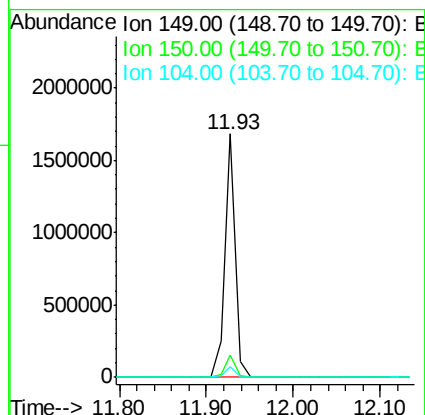
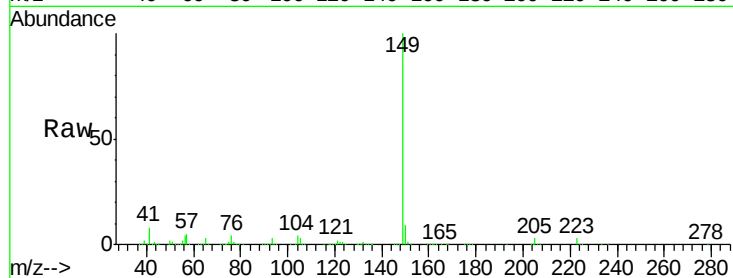
Tgt Ion:149 Resp: 1409215

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

104 4.5 4.6 7.0#



#74

Fluoranthene

Concen: 43.58 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

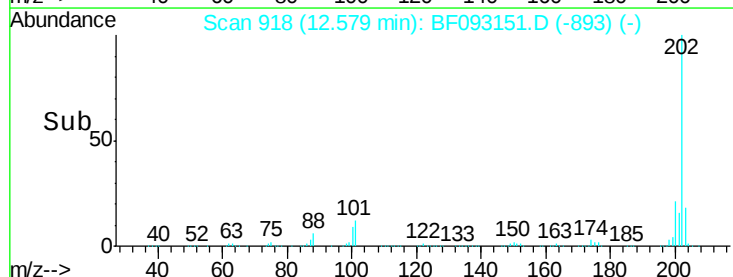
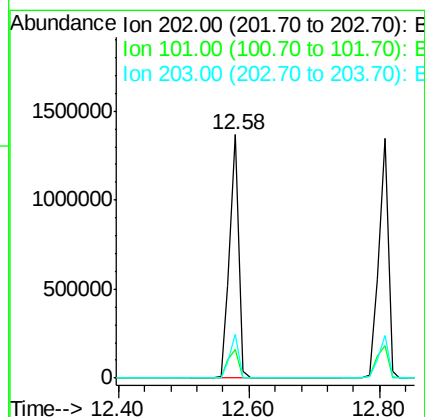
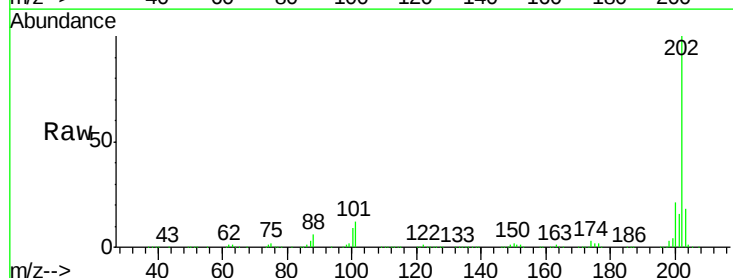
Tgt Ion:202 Resp: 1337484

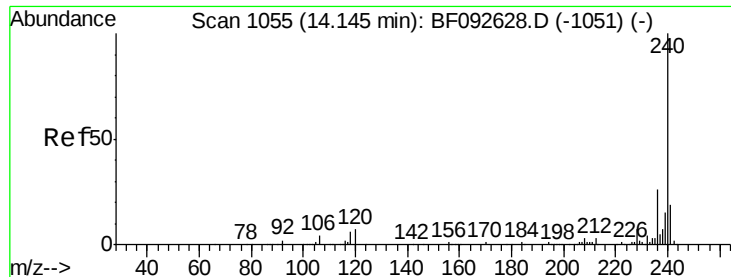
Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.6

203 17.8 0.0 38.7

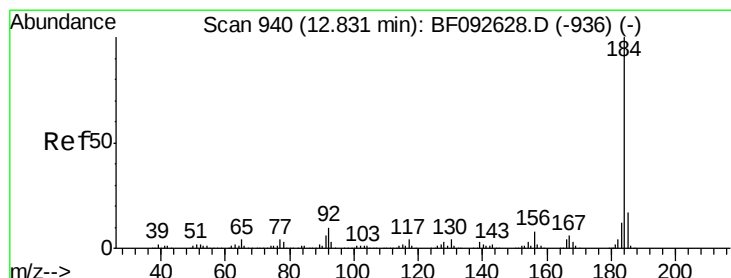
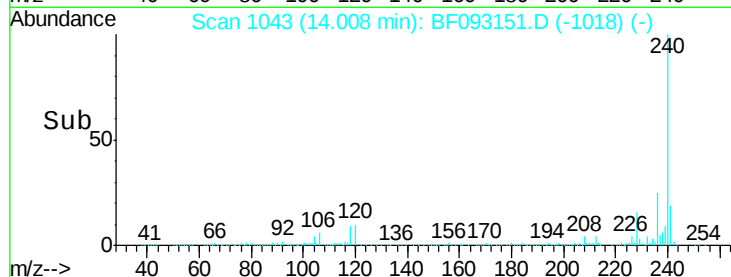
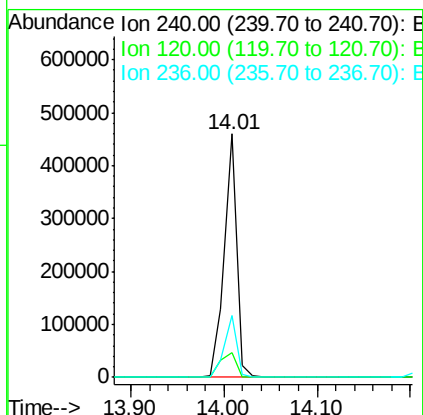
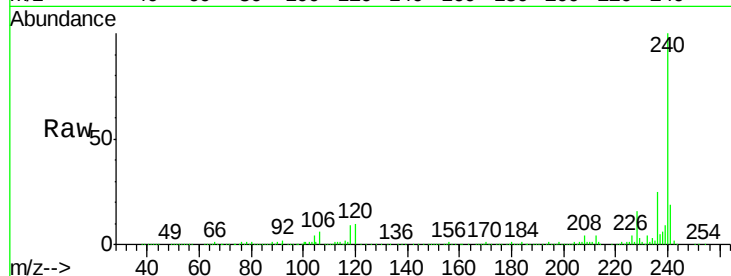




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

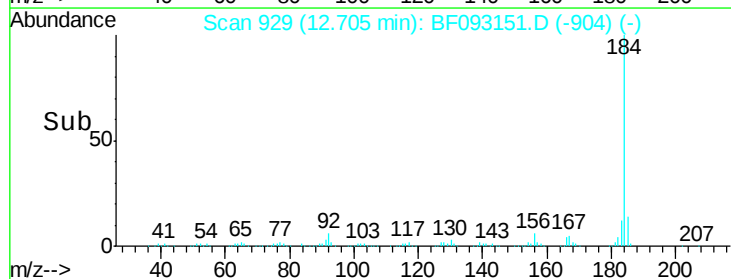
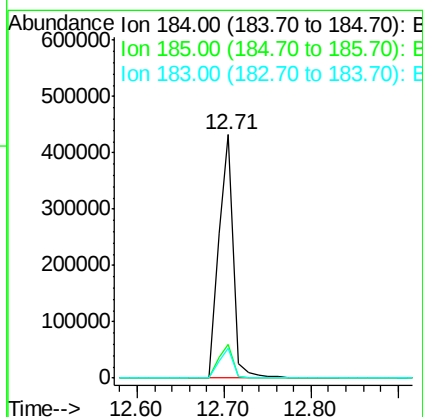
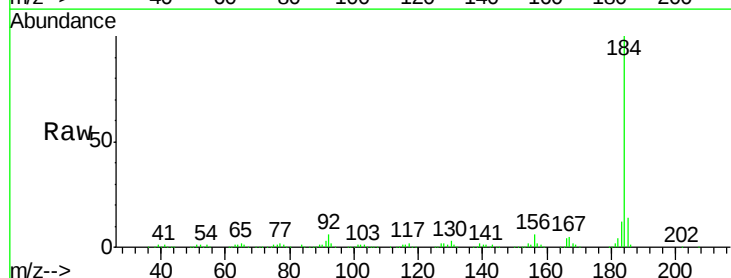
Instrument :
BNA_F
ClientSampleId :
PB97152BS

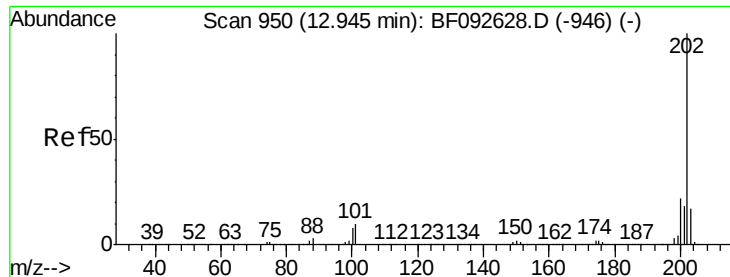
Tgt Ion:240 Resp: 425681
Ion Ratio Lower Upper
240 100
120 10.0 12.9 19.3#
236 25.5 20.9 31.3



#76
Benzidine
Concen: 28.07 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:184 Resp: 509156
Ion Ratio Lower Upper
184 100
185 14.0 13.4 20.0
183 12.1 9.2 13.8

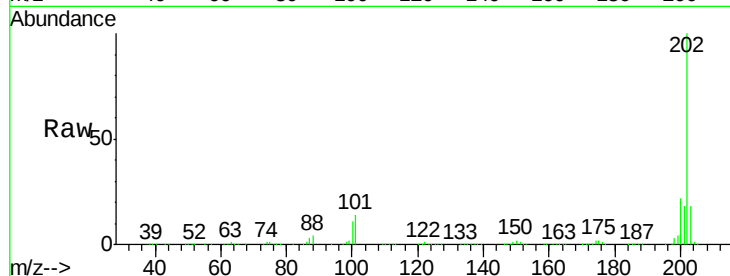




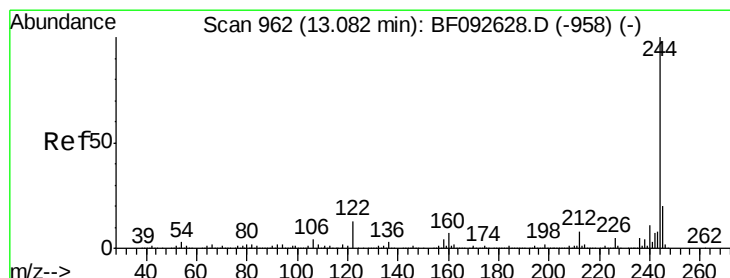
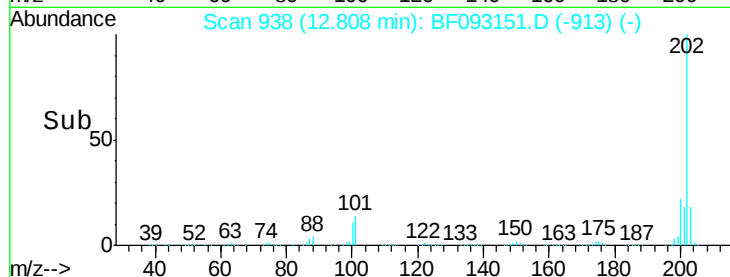
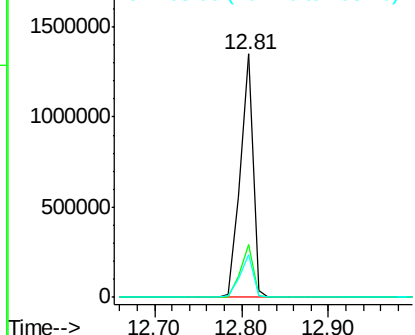
#77
 Pyrene
 Concen: 42.40 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion: 202 Resp: 1350863
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 17.7 14.7 22.1

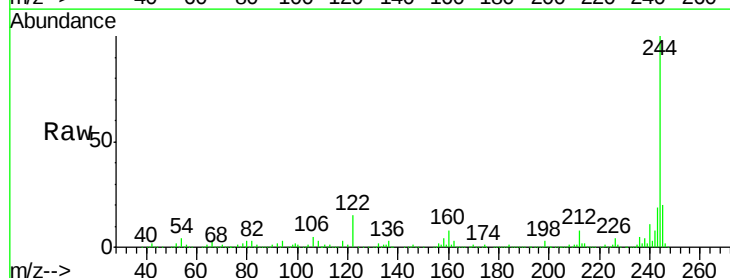


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

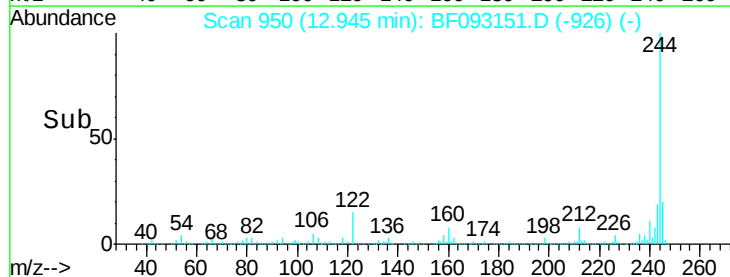
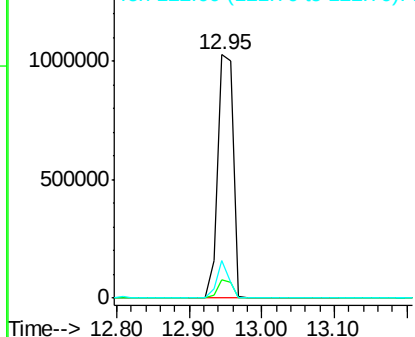


#78
 Terphenyl-d14
 Concen: 83.81 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion: 244 Resp: 1518390
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 15.3 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 48.50 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB97152BS

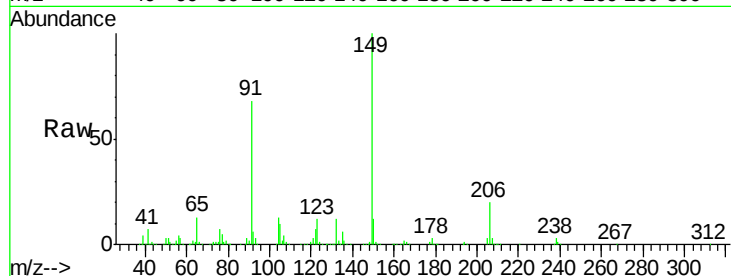
Tgt Ion:149 Resp: 627447

Ion Ratio Lower Upper

149 100

91 67.9 63.9 95.9

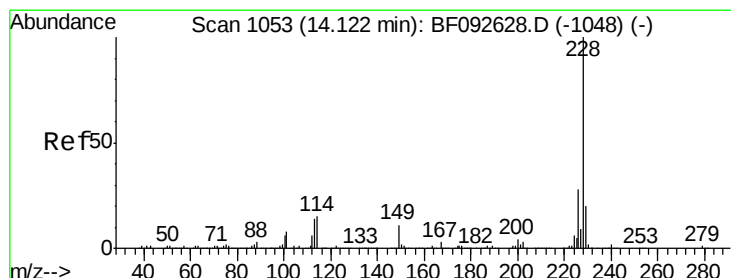
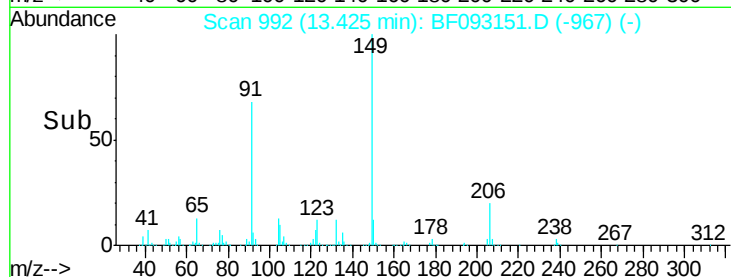
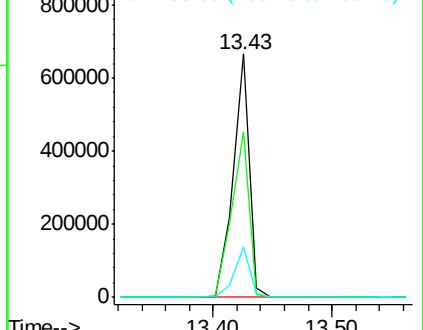
206 20.5 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.59 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093151.D

Acq: 24 Feb 2017 18:16

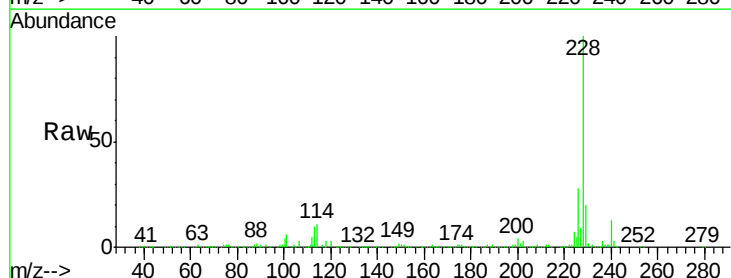
Tgt Ion:228 Resp: 1030801

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

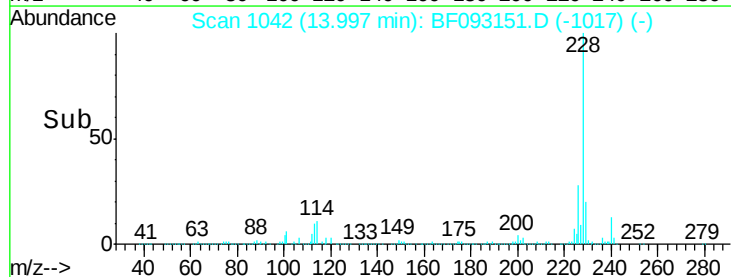
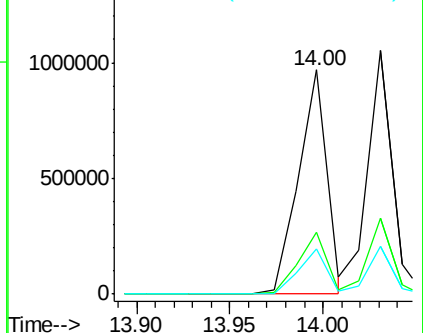
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

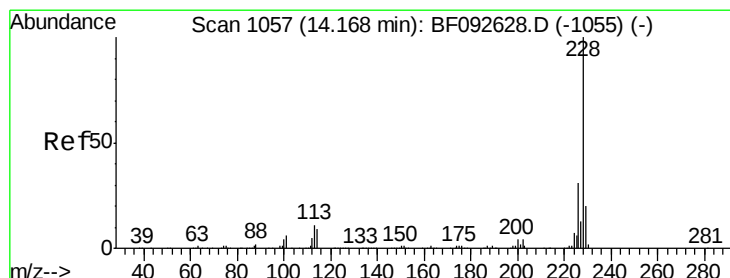
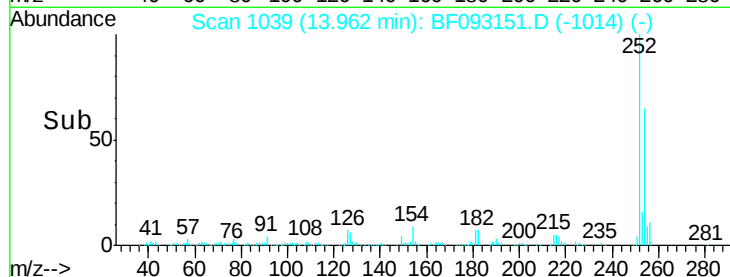
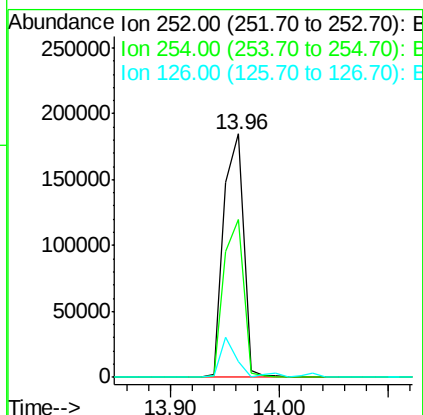
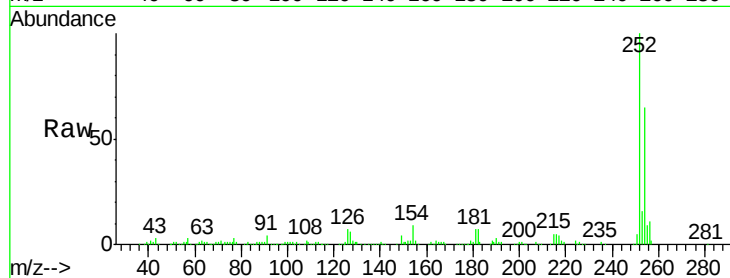




#81
 3,3'-Dichlorobenzidine
 Concen: 25.34 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

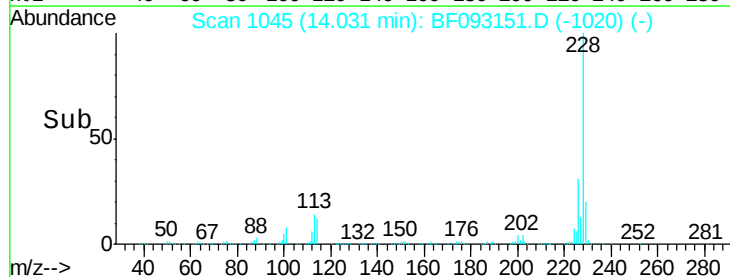
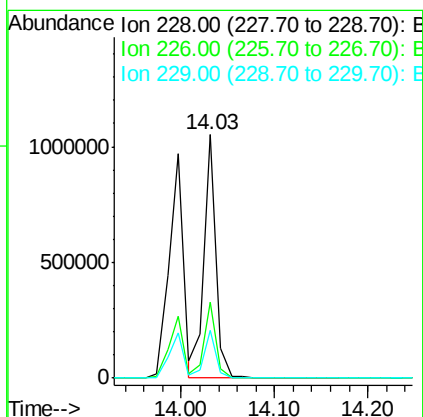
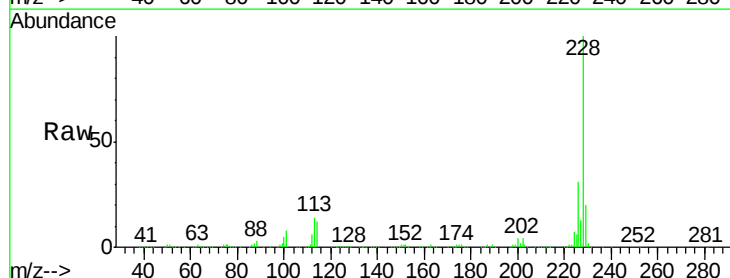
Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion: 252 Resp: 235167
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.3 78.5
 126 6.6 13.6 20.4#



#82
 Chrysene
 Concen: 39.19 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion: 228 Resp: 955416
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 19.9 16.2 24.2

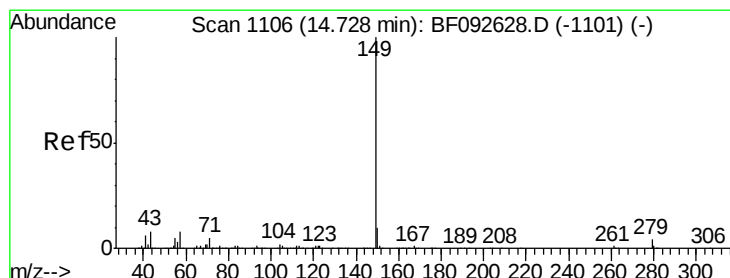
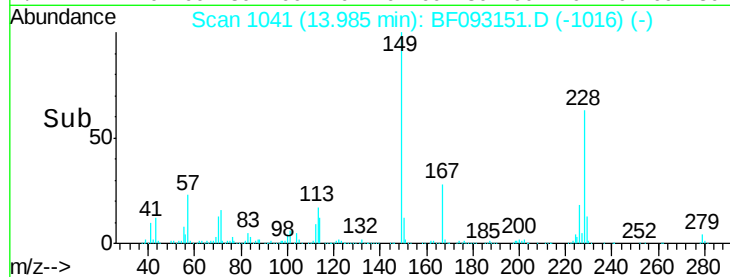
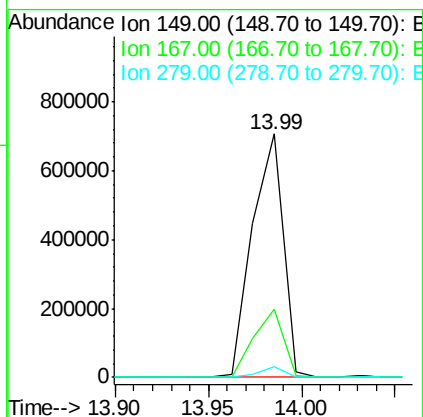
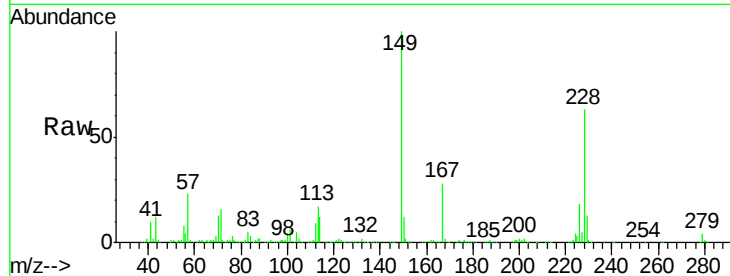




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.83 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

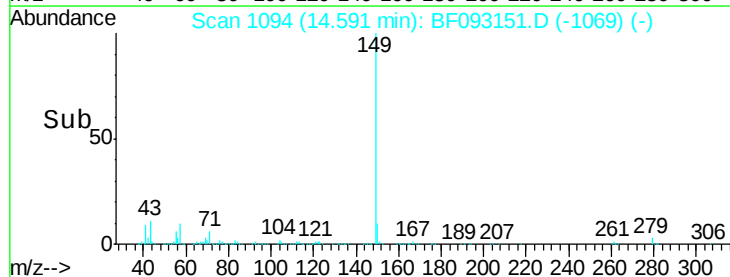
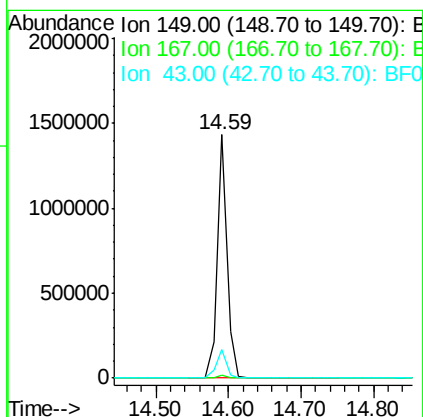
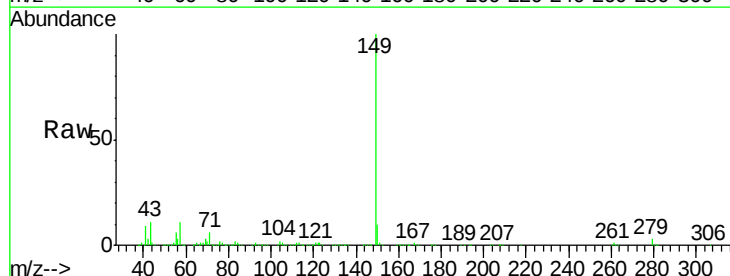
Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

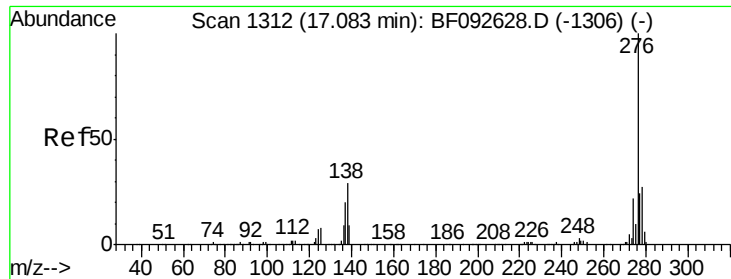
Tgt Ion:149 Resp: 810811
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.2 30.4
 279 4.2 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 46.31 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion:149 Resp: 1334030
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.8 8.9 13.3

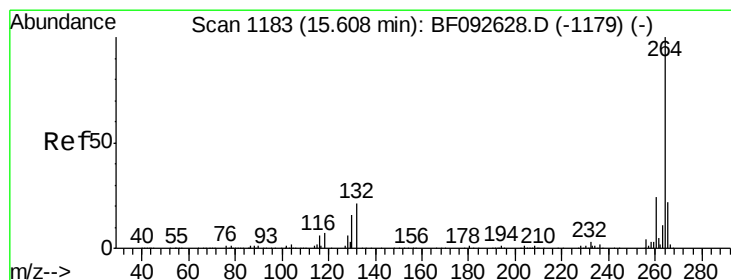
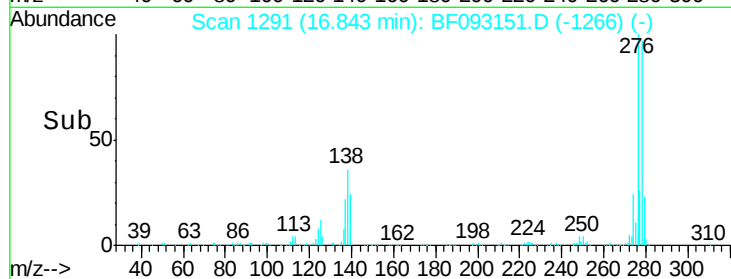
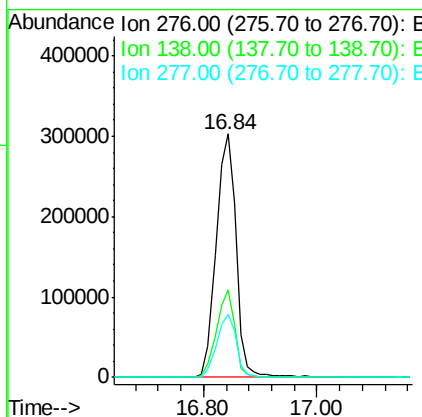
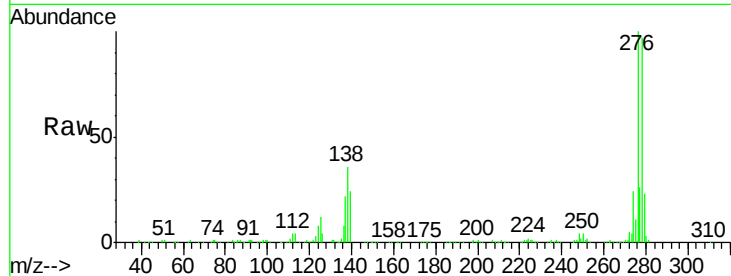




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.00 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

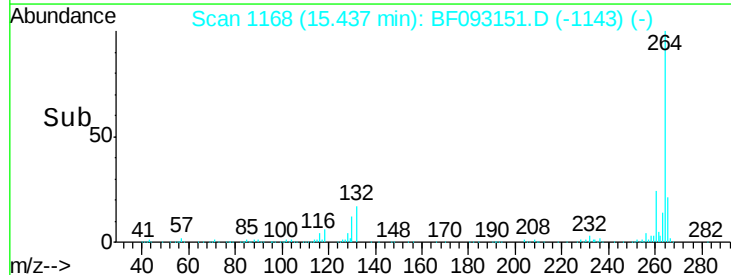
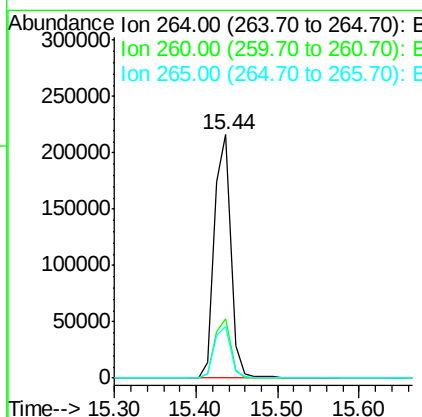
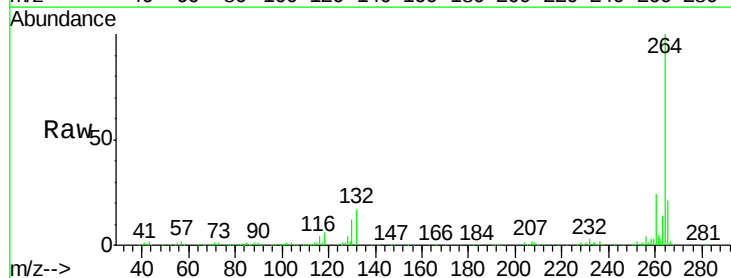
Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

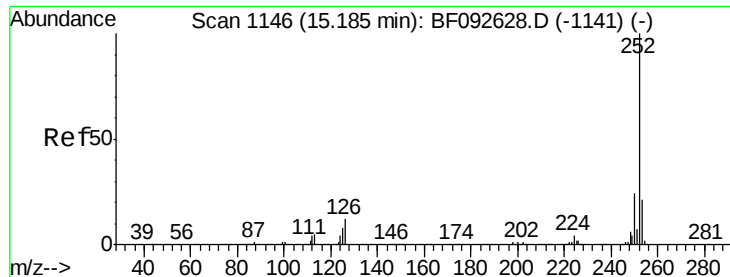
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	21.8	32.6#
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.4	26.0

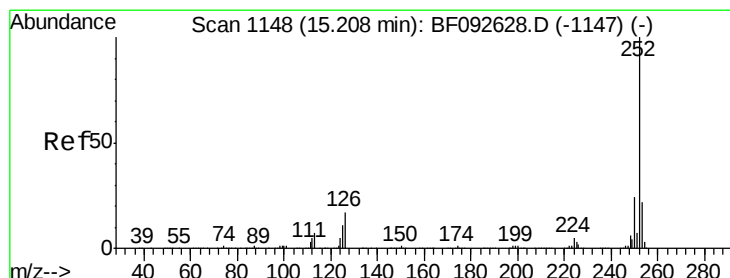
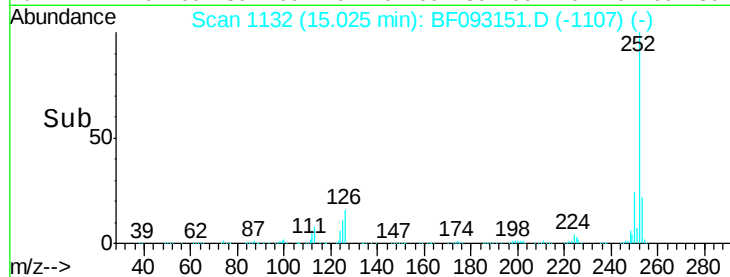
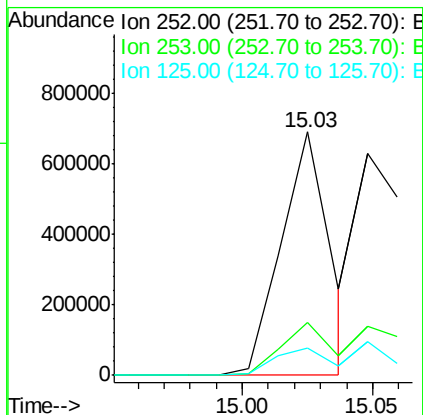
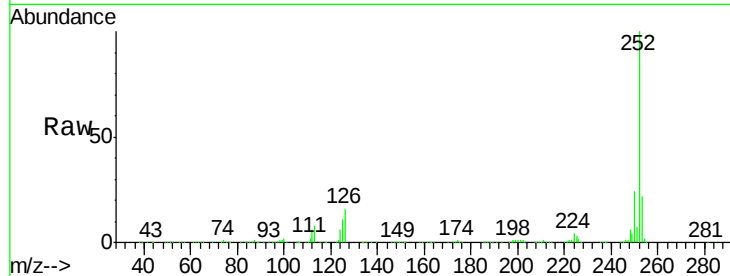




#87
Benzo(b)fluoranthene
Concen: 44.32 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

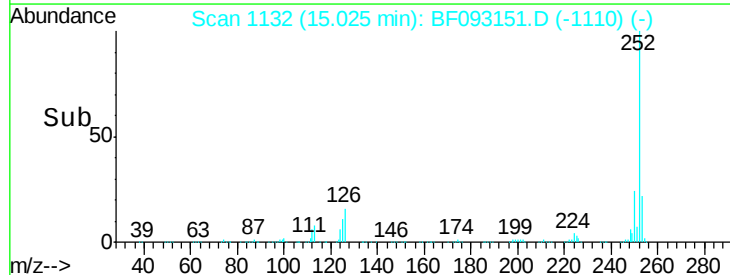
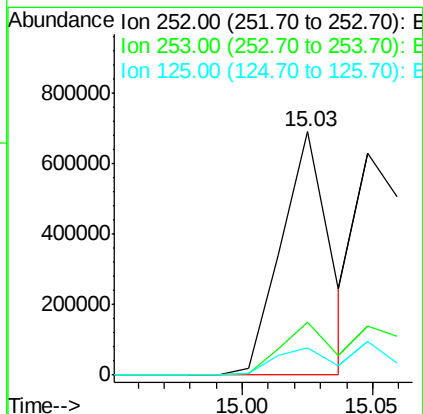
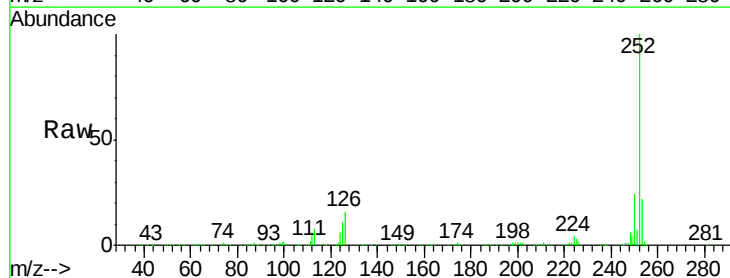
Instrument :
BNA_F
ClientSampleId :
PB97152BS

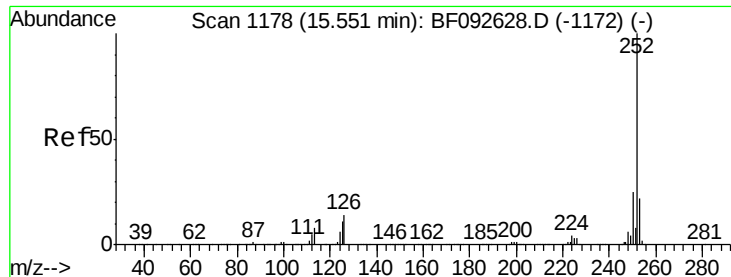
Tgt Ion:252 Resp: 889356
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 11.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 51.33 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion:252 Resp: 889356
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 11.5 8.9 13.3

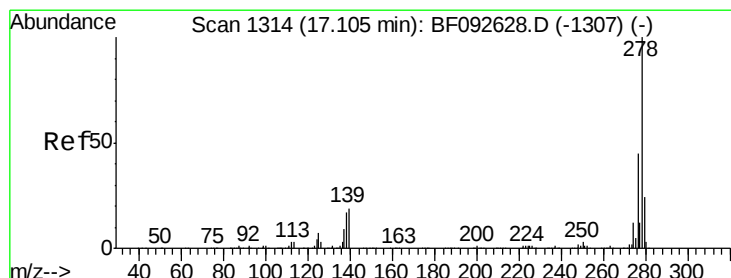
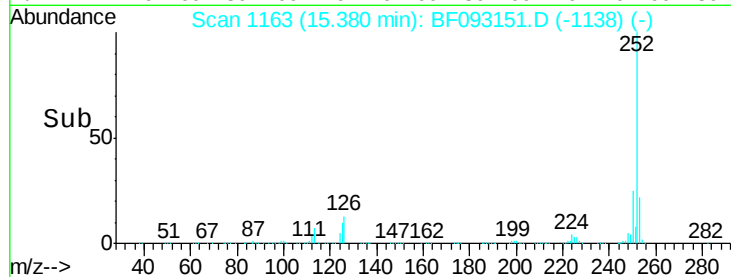
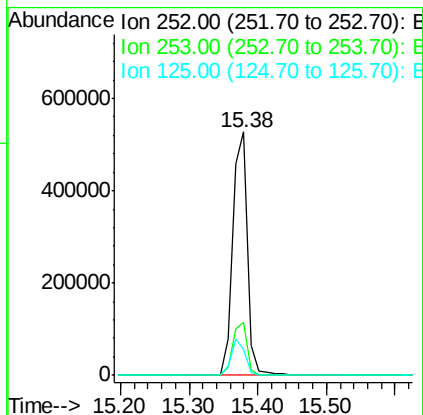
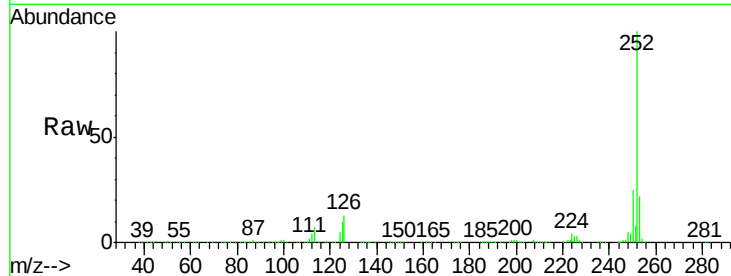




#89
Benzo(a)pyrene
Concen: 45.63 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

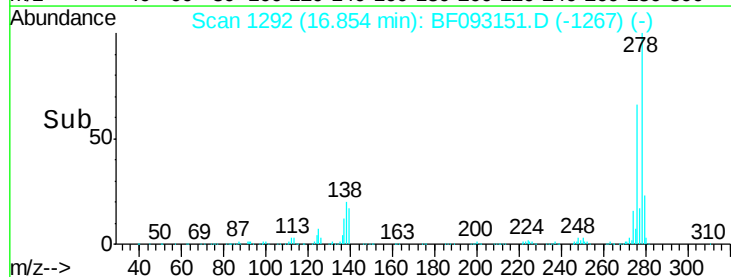
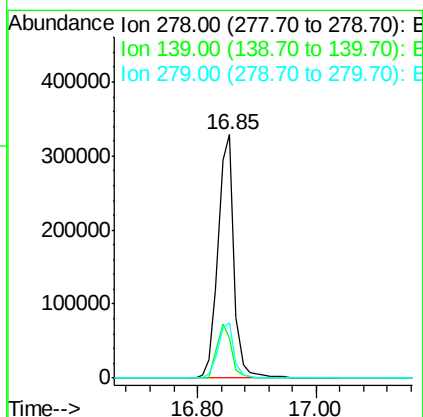
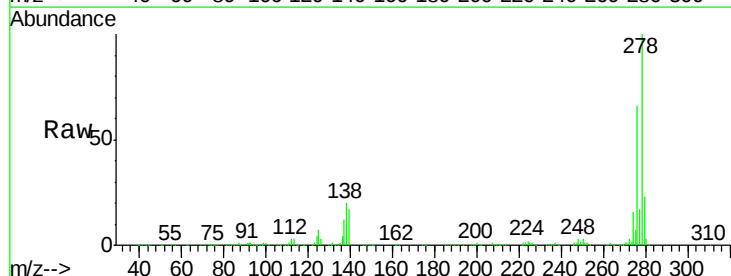
Instrument :
BNA_F
ClientSampleId :
PB97152BS

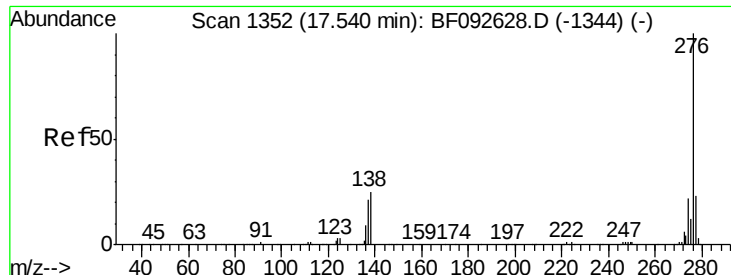
Tgt Ion: 252 Resp: 792068
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 10.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 43.99 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093151.D
Acq: 24 Feb 2017 18:16

Tgt Ion: 278 Resp: 617145
Ion Ratio Lower Upper
278 100
139 16.6 14.8 22.2
279 23.0 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 45.47 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093151.D
 Acq: 24 Feb 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB97152BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	26.9	16.0	24.0

