

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091540.D
 Acq On : 9 Dec 2016 21:16
 Operator : UM/SJ
 Sample : PB94152BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Quant Time: Dec 09 22:14:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	289407	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1206380	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	601390	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	985022	20.00	ng	0.00
75) Chrysene-d12	13.96	240	635694	20.00	ng	0.00
86) Perylene-d12	15.38	264	636760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1333626	77.64	ng	0.01
7) Phenol-d6	6.45	99	1644514	76.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	1833836	84.84	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	372667	74.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	3048671	87.59	ng	0.00
78) Terphenyl-d14	12.92	244	2647213	94.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	336303	37.09	ng	# 85
3) Pyridine	3.20	79	994235	41.16	ng	# 80
4) n-Nitrosodimethylamine	3.15	42	429797	41.41	ng	# 67
6) Aniline	6.48	93	650428	23.17	ng	# 69
8) 2-Chlorophenol	6.60	128	880550	45.41	ng	98
9) Benzaldehyde	6.35	77	184012	12.49	ng	91
10) Phenol	6.46	94	997862	39.85	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	915697	48.68	ng	# 79
12) 1,3-Dichlorobenzene	6.75	146	829701	39.46	ng	# 95
13) 1,4-Dichlorobenzene	6.83	146	861912	41.56	ng	97
14) 1,2-Dichlorobenzene	6.83	146	861912	46.12	ng	96
15) Benzyl Alcohol	6.96	79	705405	41.72	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1260766	43.25	ng	80
17) 2-Methylphenol	7.08	107	734569	45.79	ng	# 76
18) Hexachloroethane	7.32	117	342610	42.33	ng	# 78
19) n-Nitroso-di-n-propylamine	7.23	70	615110	45.93	ng	# 84
20) 3+4-Methylphenols	7.23	107	780036	45.02	ng	# 72
22) Acetophenone	7.23	105	1174601	40.64	ng	# 93
24) Nitrobenzene	7.40	77	998095	43.71	ng	# 83
25) Isophorone	7.64	82	1702696	44.31	ng	99
26) 2-Nitrophenol	7.71	139	430941	42.76	ng	94
27) 2,4-Dimethylphenol	7.76	122	759351	42.89	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	1075245	47.71	ng	# 97
29) 2,4-Dichlorophenol	7.96	162	715709	46.47	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	721558	41.22	ng	98
31) Naphthalene	8.12	128	2352932	41.92	ng	100
32) Benzoic acid	7.89	122	528512	42.25	ng	# 78
33) 4-Chloroaniline	8.17	127	209116	8.65	ng	98
34) Hexachlorobutadiene	8.25	225	419140	41.77	ng	98
35) Caprolactam	8.54	113	156855	34.87	ng	# 55
36) 4-Chloro-3-methylphenol	8.66	107	718290	41.58	ng	99
37) 2-Methylnaphthalene	8.81	142	1527483	42.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	611376	37.06	ng	# 98
40) Hexachlorocyclopentadiene	8.97	237	718184	97.66	ng	98

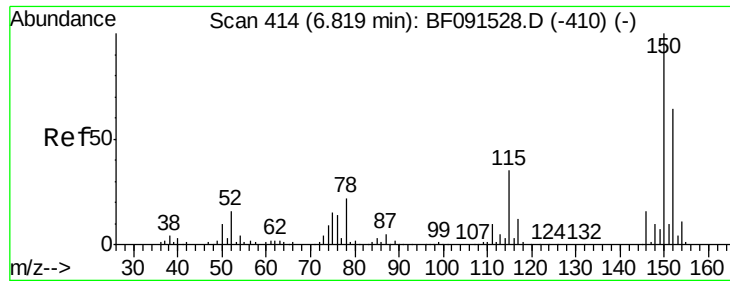
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	473022	44.63	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	467115	42.89	ng	96
45) 1,1'-Biphenyl	9.28	154	1745933	40.08	ng	98
46) 2-Chloronaphthalene	9.30	162	1338712	39.69	ng	99
47) 2-Nitroaniline	9.40	65	471955	41.61	ng	# 76
48) Acenaphthylene	9.71	152	2113924	41.11	ng	99
49) Dimethylphthalate	9.58	163	1656934	43.51	ng	99
50) 2,6-Dinitrotoluene	9.64	165	394028	47.14	ng	# 81
51) Acenaphthene	9.88	154	1538065	43.07	ng	97
52) 3-Nitroaniline	9.80	138	174431	17.77	ng	91
53) 2,4-Dinitrophenol	9.92	184	377838	77.75	ng	# 82
54) Dibenzofuran	10.06	168	1957054	44.29	ng	91
55) 4-Nitrophenol	9.97	139	592218	81.07	ng	91
56) 2,4-Dinitrotoluene	10.04	165	460397	43.95	ng	# 63
57) Fluorene	10.40	166	1296367	40.57	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	399824	46.89	ng	95
59) Diethylphthalate	10.28	149	1634361	44.57	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	678662	42.72	ng	# 89
61) 4-Nitroaniline	10.42	138	356105	36.50	ng	88
62) Azobenzene	10.56	77	1911136	46.00	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	240907	40.74	ng	# 31
65) n-Nitrosodiphenylamine	10.51	169	1226692	41.77	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	439684	43.54	ng	# 76
67) Hexachlorobenzene	10.94	284	425795	40.55	ng	# 78
68) Atrazine	11.05	200	456692	48.37	ng	95
69) Pentachlorophenol	11.14	266	463933	78.50	ng	96
70) Phenanthrene	11.36	178	1979563	40.58	ng	99
71) Anthracene	11.41	178	2334429	44.37	ng	100
72) Carbazole	11.56	167	1787029	38.75	ng	99
73) Di-n-butylphthalate	11.91	149	2448808	45.57	ng	100
74) Fluoranthene	12.55	202	2276072	44.56	ng	99
76) Benzidine	12.66	184	611079	31.09	ng	98
77) Pyrene	12.77	202	2188320	43.39	ng	100
79) Butylbenzylphthalate	13.39	149	910286	46.30	ng	90
80) Benzo(a)anthracene	13.95	228	1586560	42.98	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	254522	19.20	ng	# 97
82) Chrysene	14.00	228	1689147	43.73	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	1175446	46.60	ng	99
84) Di-n-octyl phthalate	14.57	149	2147064	50.15	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.74	276	1511669	43.49	ng	99
87) Benzo(b)fluoranthene	15.00	252	2996638	78.94	ng	99
88) Benzo(k)fluoranthene	15.00	252	2997739	89.82	ng	100
89) Benzo(a)pyrene	15.32	252	1468549	42.94	ng	# 95
90) Dibenzo(a,h)anthracene	16.76	278	1236616	40.37	ng	98
91) Benzo(g,h,i)perylene	17.16	276	1271574	40.79	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091540.D

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PB95152BSD

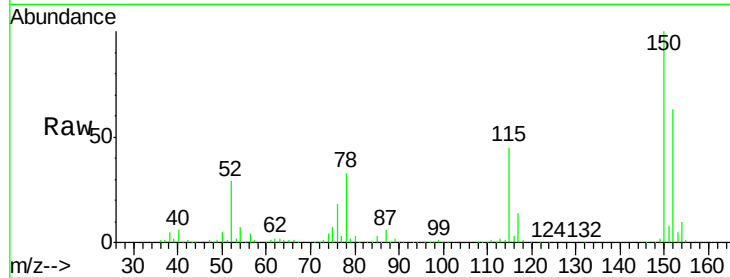
Tgt Ion:152 Resp: 289407

Ion Ratio Lower Upper

152 100

150 159.1 122.5 183.7

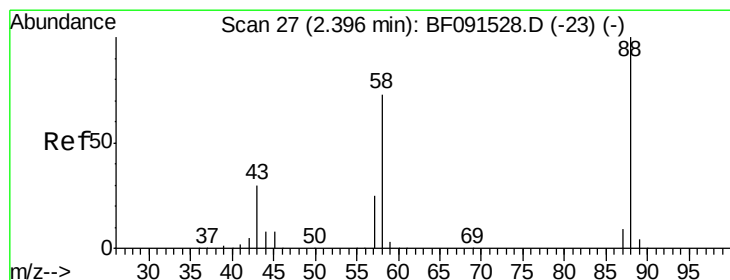
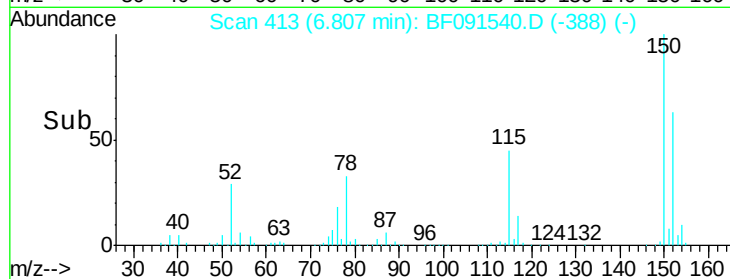
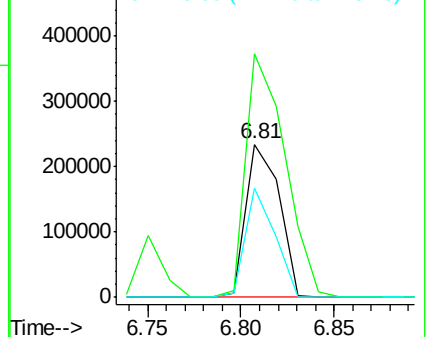
115 71.7 51.8 77.8



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: 37.09 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.10 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

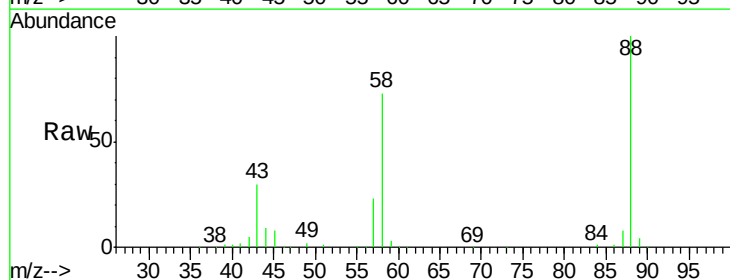
Tgt Ion: 88 Resp: 336303

Ion Ratio Lower Upper

88 100

58 74.6 70.3 105.5

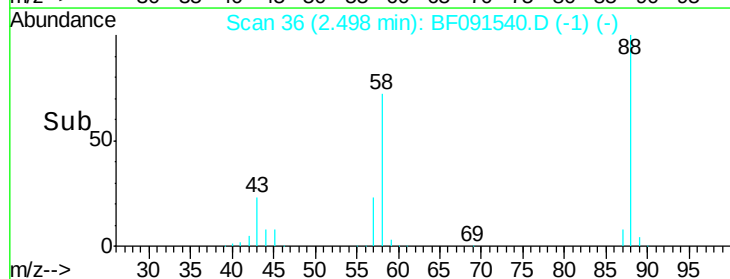
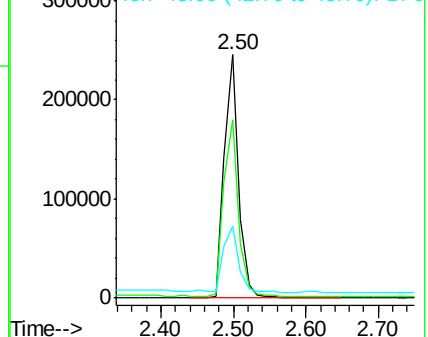
43 29.6 31.3 46.9#

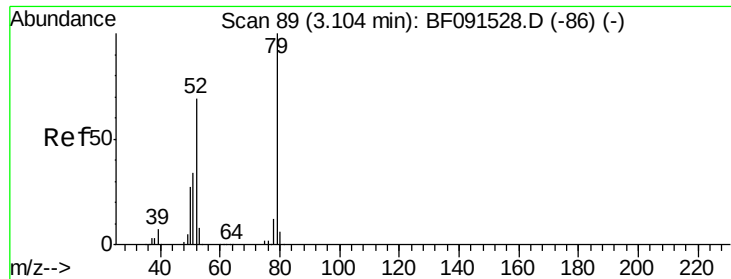


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.16 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

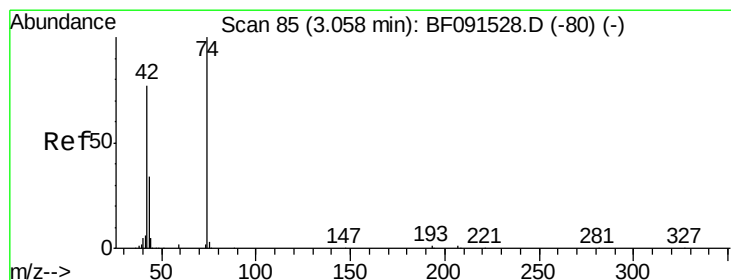
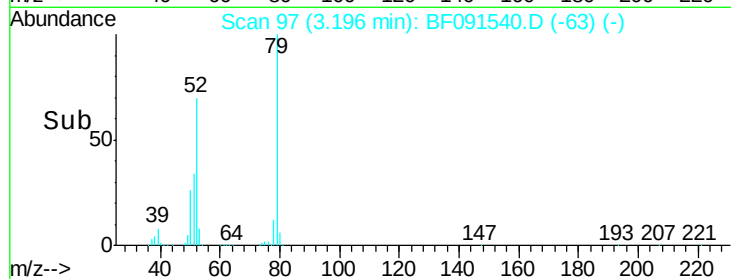
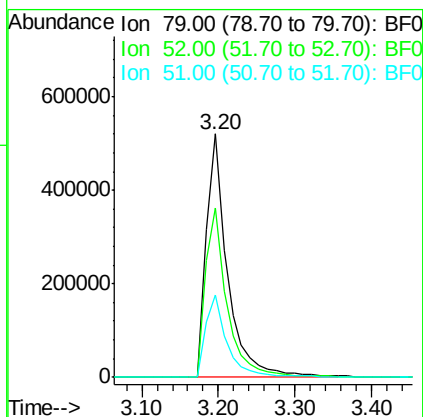
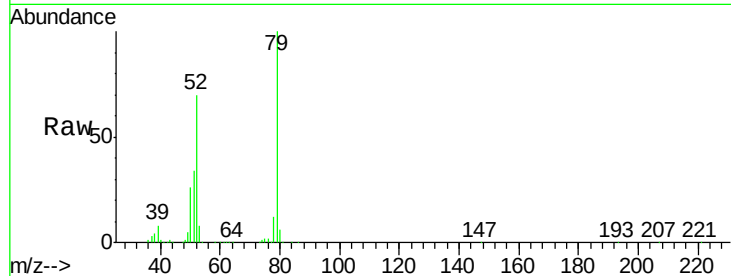
Tgt Ion: 79 Resp: 994235

Ion Ratio Lower Upper

79 100

52 69.8 71.0 106.4#

51 34.0 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 41.41 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

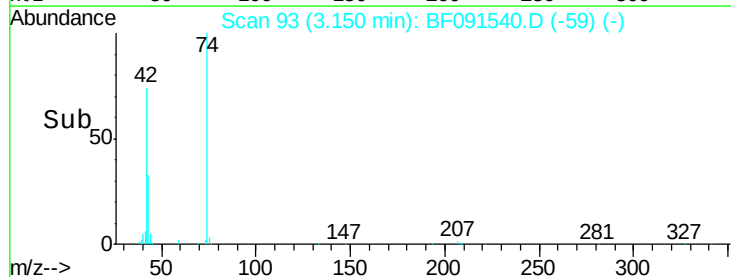
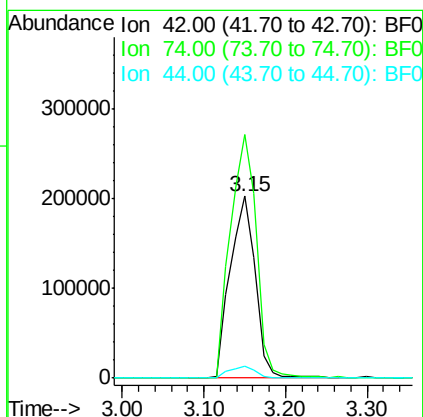
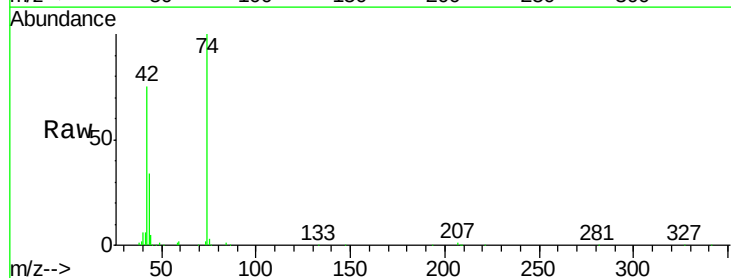
Tgt Ion: 42 Resp: 429797

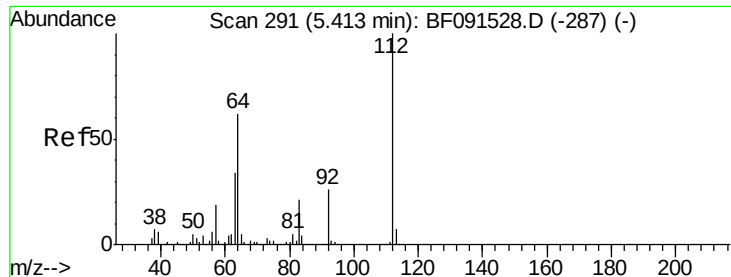
Ion Ratio Lower Upper

42 100

74 134.1 78.9 118.3#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 77.64 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

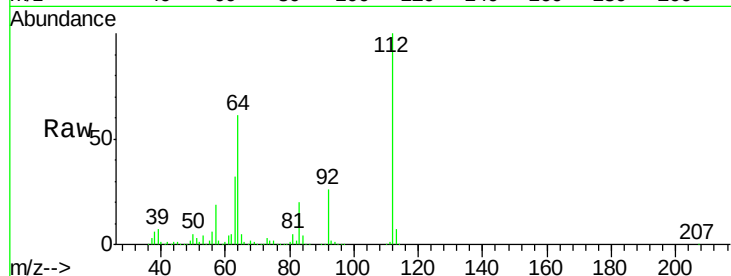
Tgt Ion:112 Resp: 1333626

Ion Ratio Lower Upper

112 100

64 61.0 61.5 92.3#

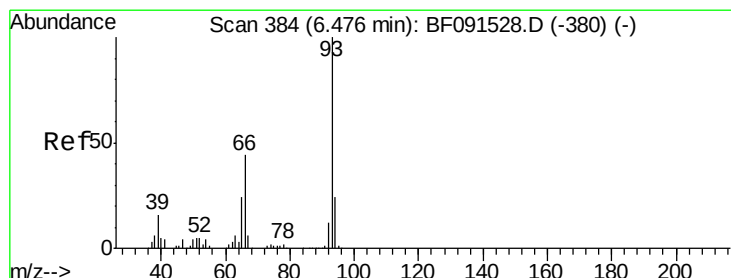
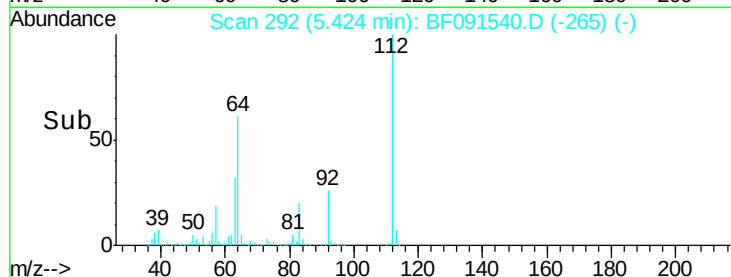
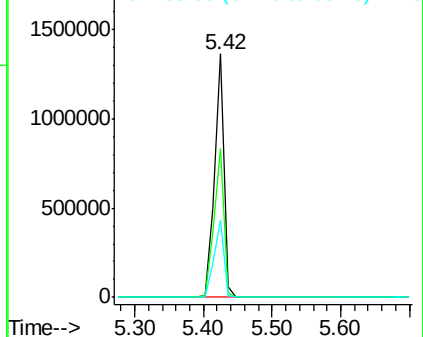
63 31.7 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.17 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

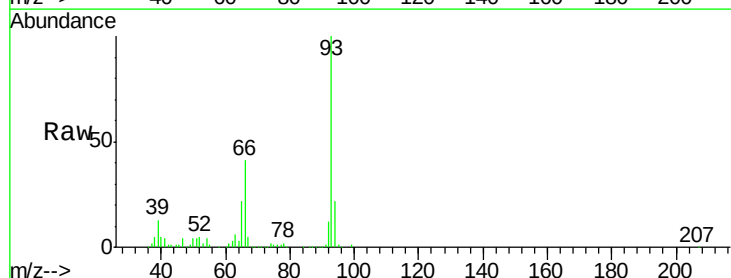
Tgt Ion: 93 Resp: 650428

Ion Ratio Lower Upper

93 100

66 41.4 55.8 83.6#

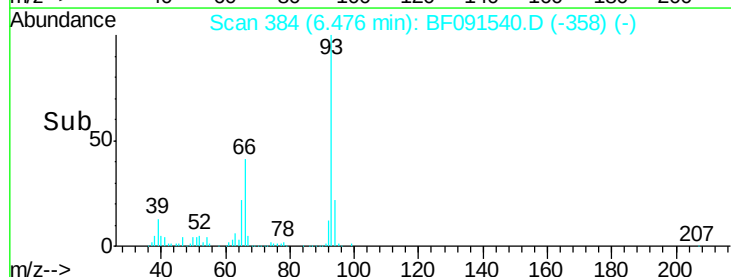
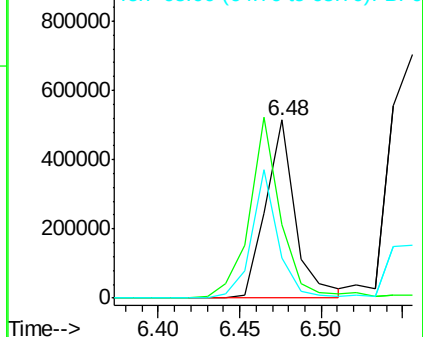
65 22.2 29.9 44.9#

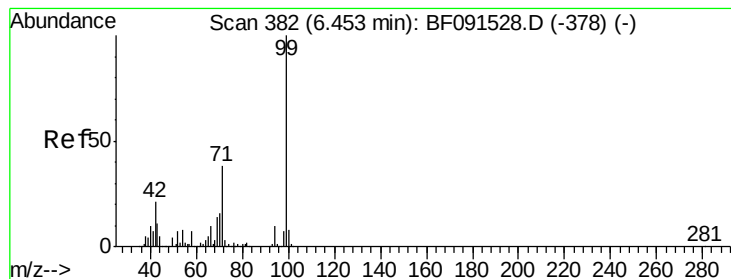


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.79 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

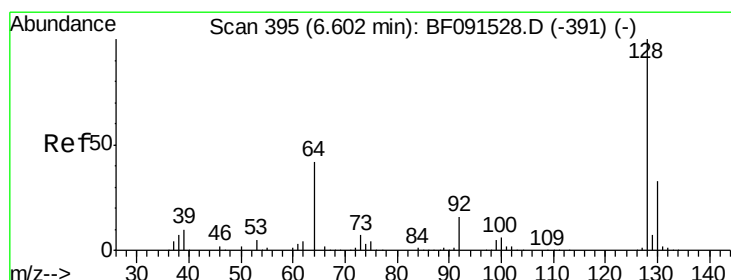
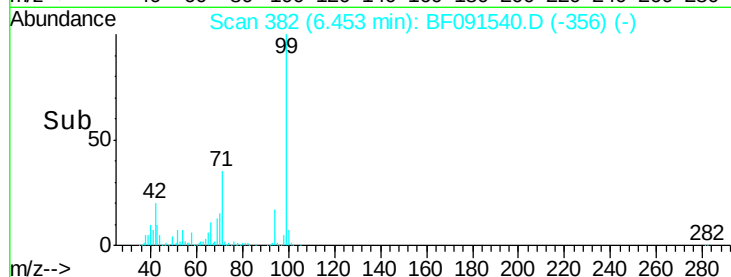
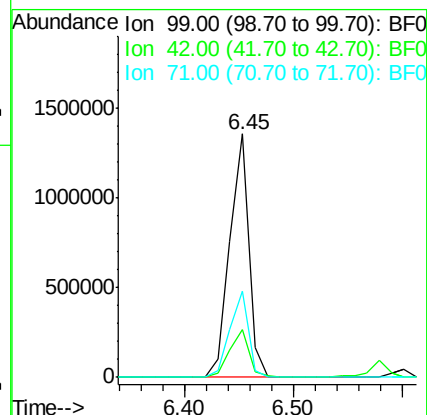
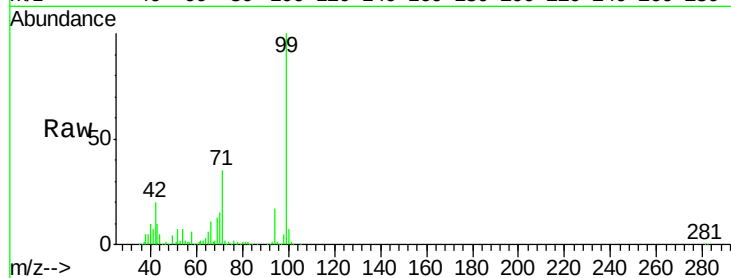
BNA_F

ClientSampleId :

PB95152BSD

Tgt Ion: 99 Resp: 1644514

Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.6	31.0#
71	35.3	29.9	44.9



#8

2-Chlorophenol

Concen: 45.41 ng

RT: 6.60 min Scan# 395

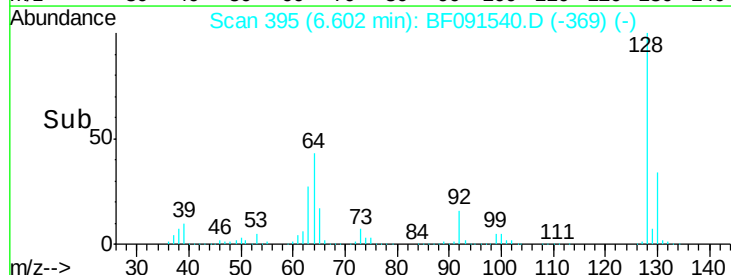
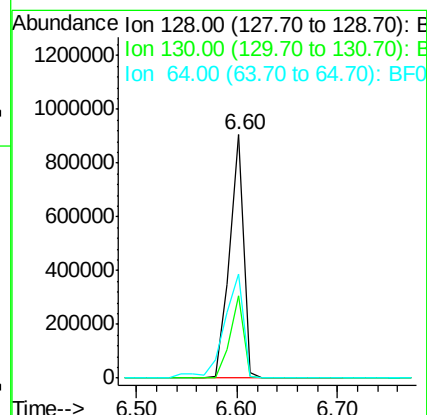
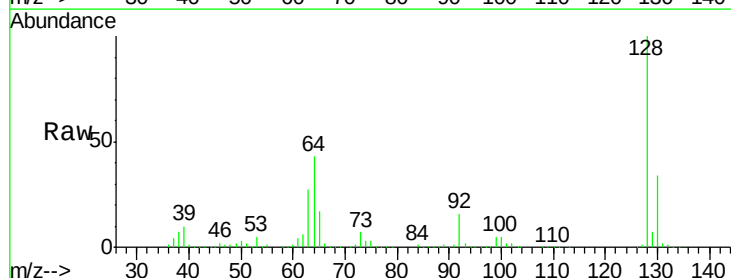
Delta R.T. 0.00 min

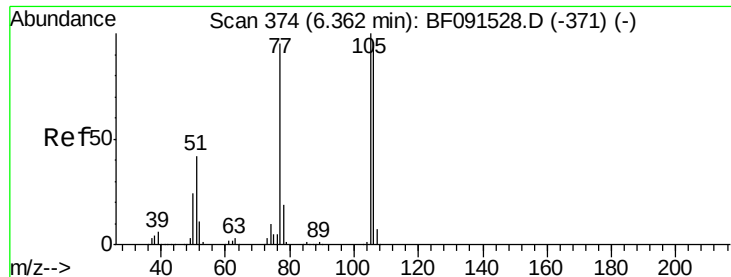
Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion: 128 Resp: 880550

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.1	53.1
64	42.6	24.1	64.1





#9

Benzaldehyde

Concen: 12.49 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

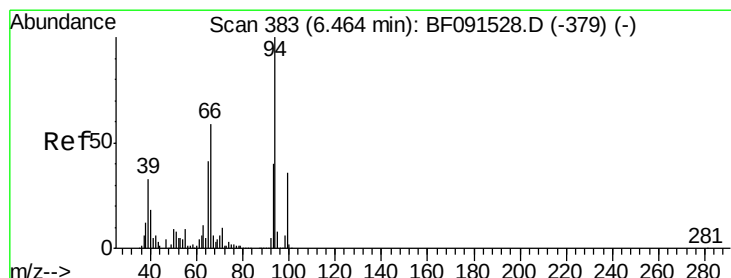
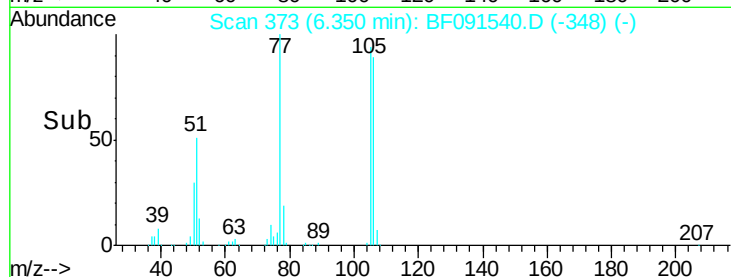
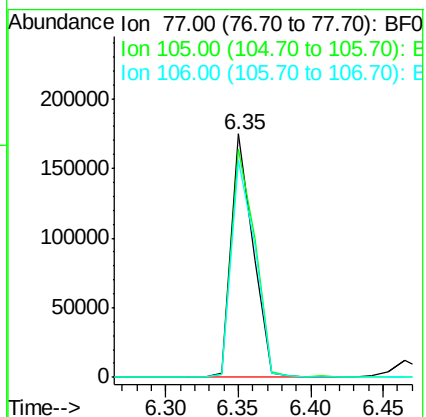
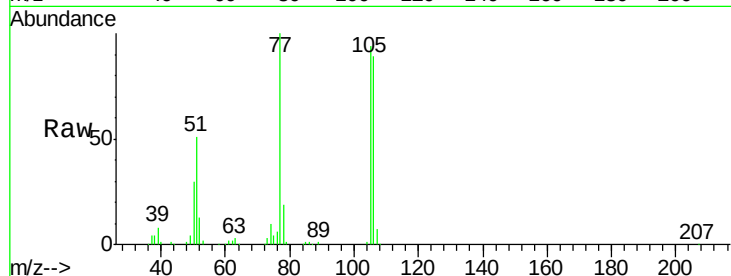
Tgt Ion: 77 Resp: 184012

Ion Ratio Lower Upper

77 100

105 94.0 66.4 106.4

106 88.9 60.9 100.9



#10

Phenol

Concen: 39.85 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

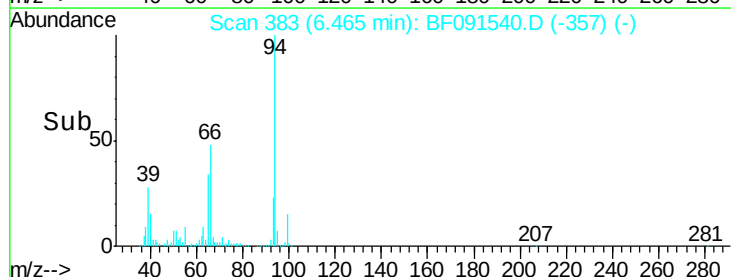
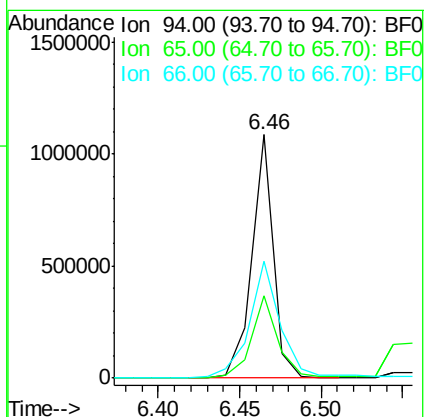
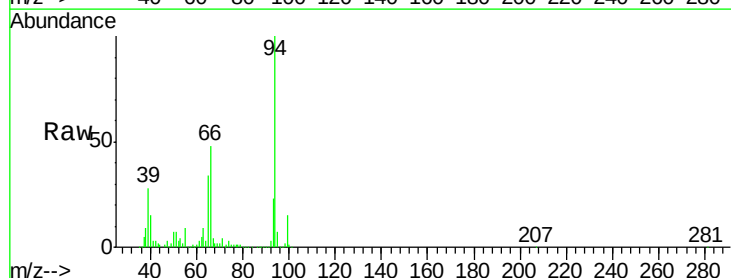
Tgt Ion: 94 Resp: 997862

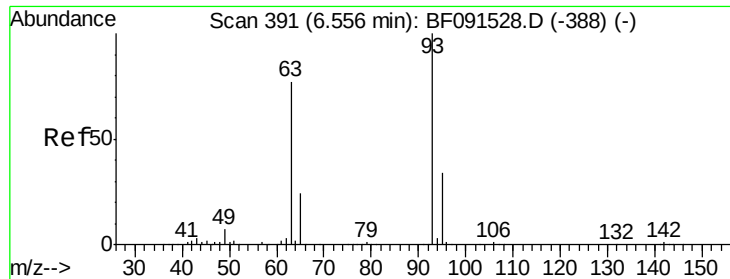
Ion Ratio Lower Upper

94 100

65 34.1 16.9 56.9

66 48.2 30.6 70.6

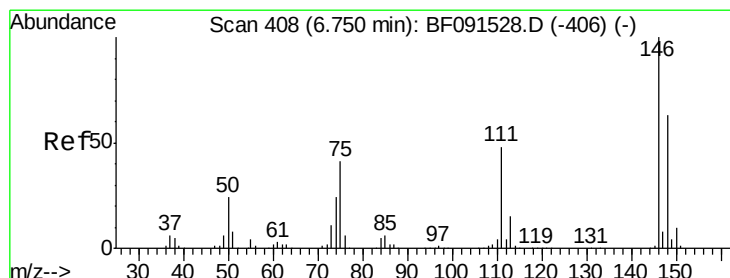
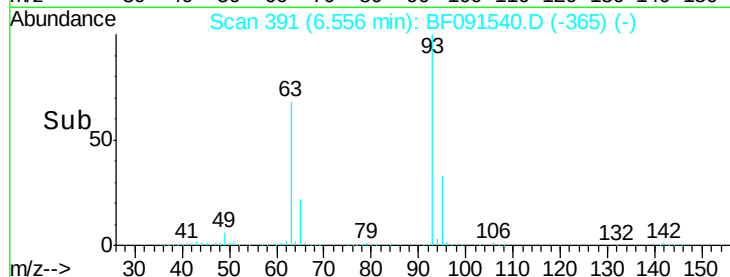
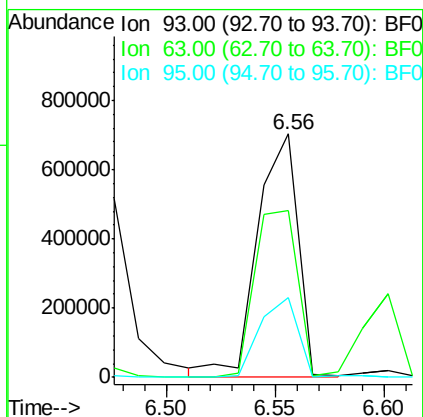
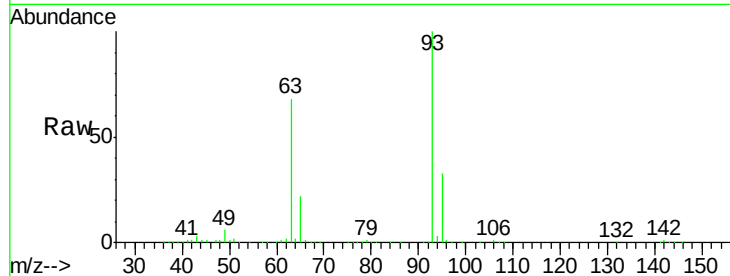




#11
bis(2-Chloroethyl)ether
Concen: 48.68 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

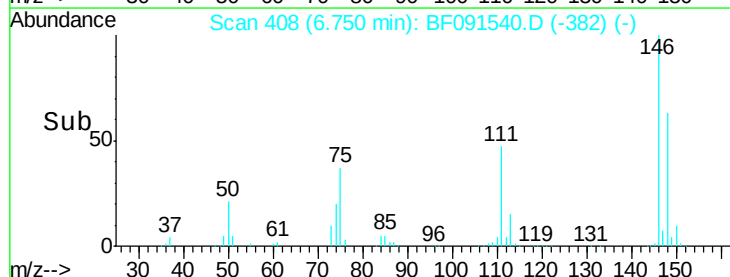
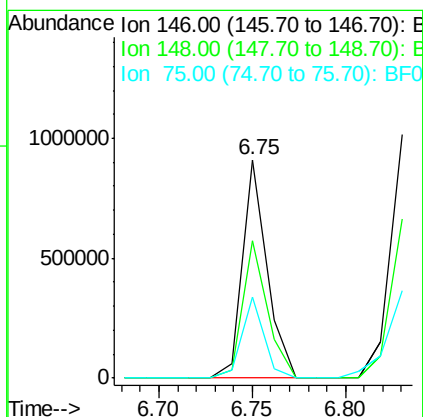
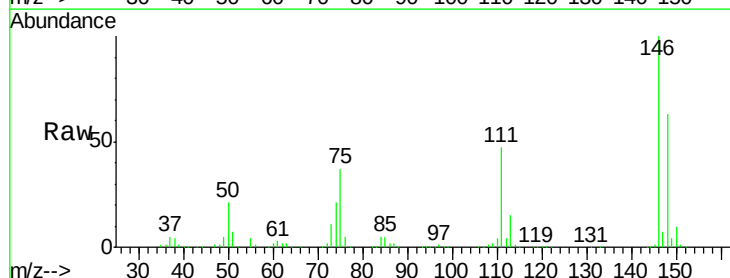
Instrument :
BNA_F
ClientSampleId :
PB95152BSD

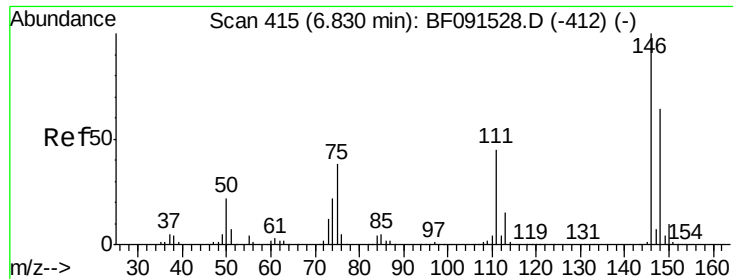
Tgt Ion: 93 Resp: 915697
Ion Ratio Lower Upper
93 100
63 68.3 74.8 114.8#
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.46 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion: 146 Resp: 829701
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 37.2 23.6 35.4#

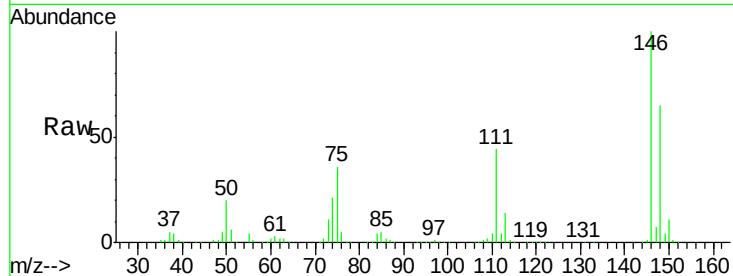




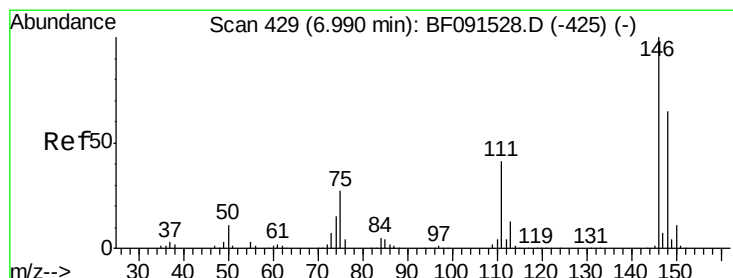
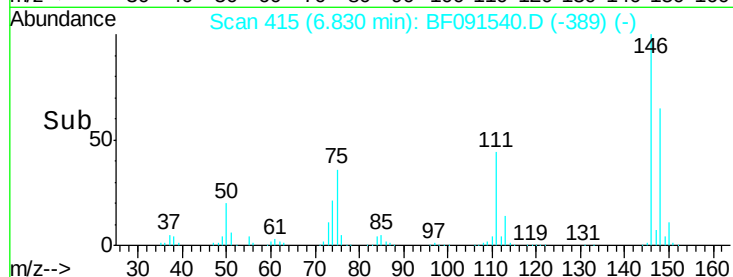
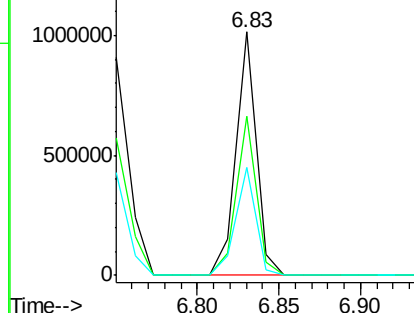
#13
 1,4-Dichlorobenzene
 Concen: 41.56 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tgt Ion:146 Resp: 861912
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.4 77.0
 111 44.2 32.2 48.2

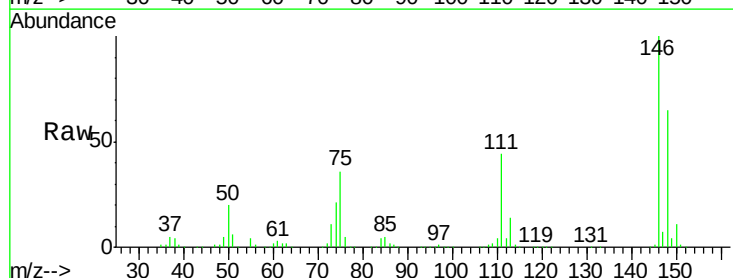


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

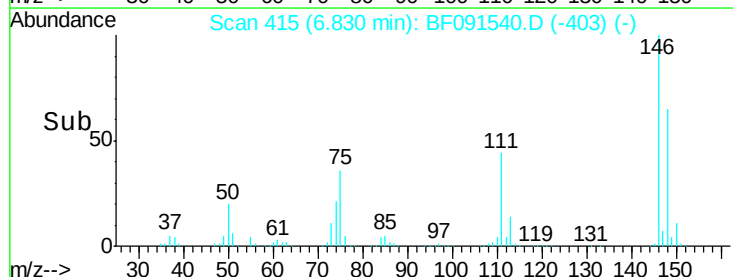
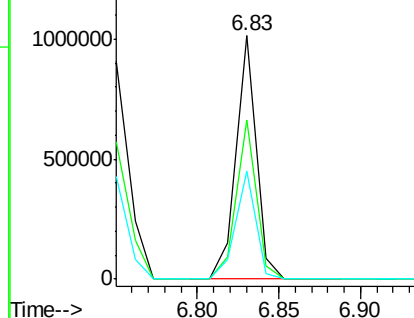


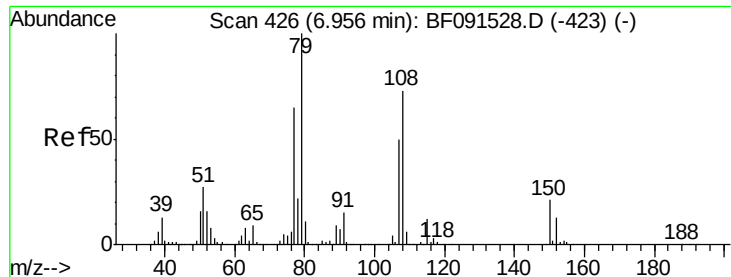
#14
 1,2-Dichlorobenzene
 Concen: 46.12 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:146 Resp: 861912
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.0 76.6
 111 44.2 38.9 58.3



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: 41.72 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

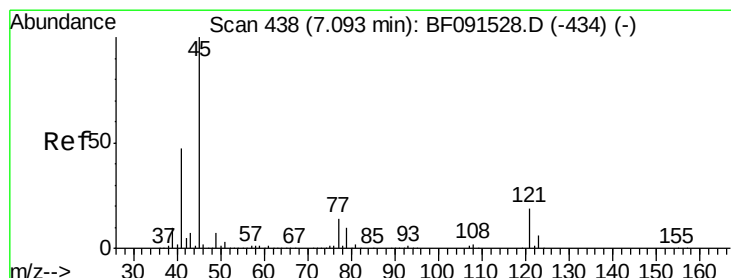
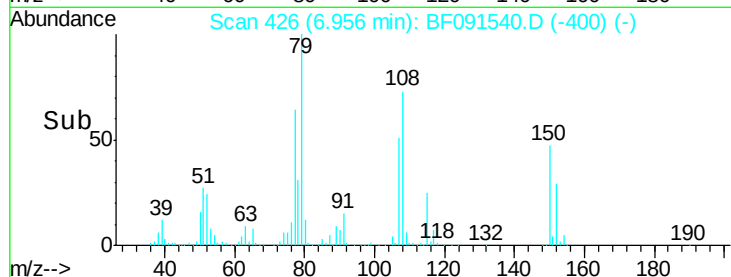
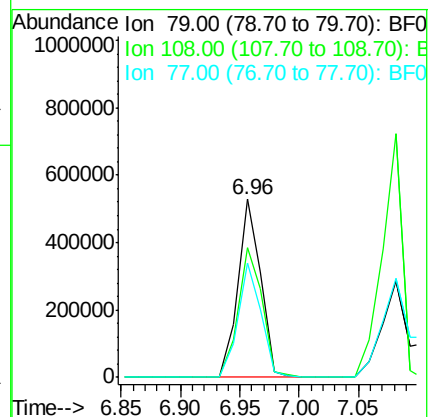
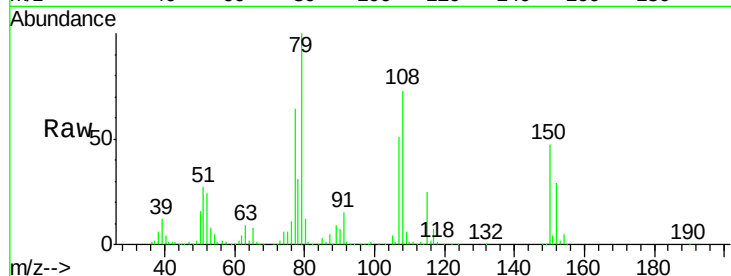
Tgt Ion: 79 Resp: 705405

Ion Ratio Lower Upper

79 100

108 73.0 62.7 94.1

77 63.9 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.25 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

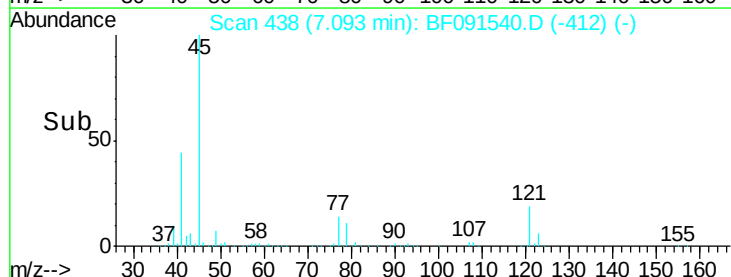
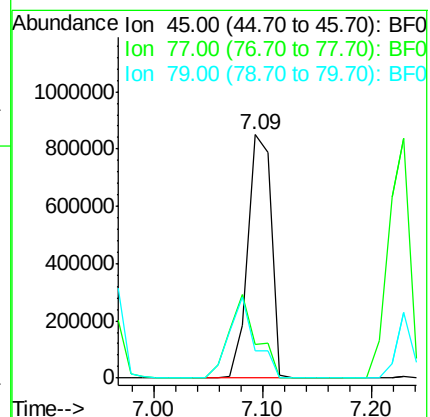
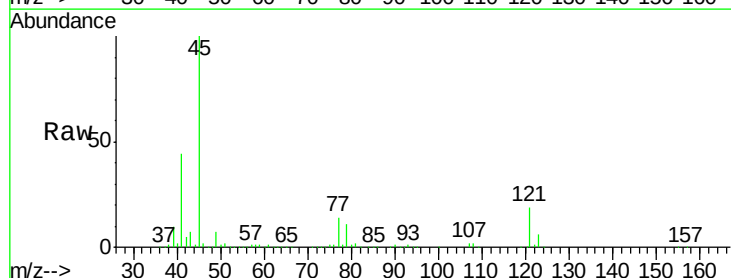
Tgt Ion: 45 Resp: 1260766

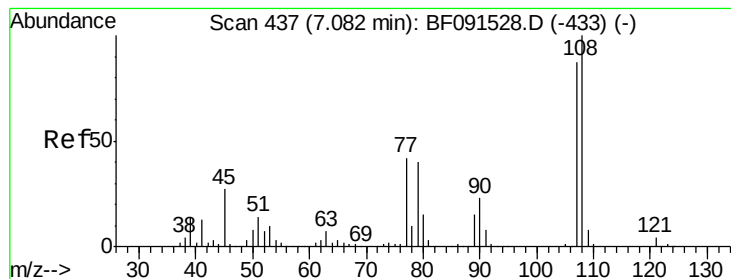
Ion Ratio Lower Upper

45 100

77 13.8 3.8 43.8

79 11.0 0.2 40.2





#17

2-Methylphenol

Concen: 45.79 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tgt Ion:107 Resp: 734569

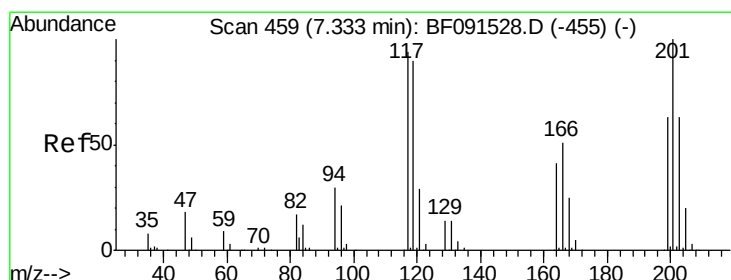
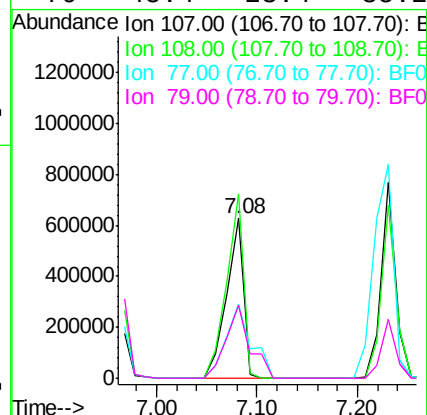
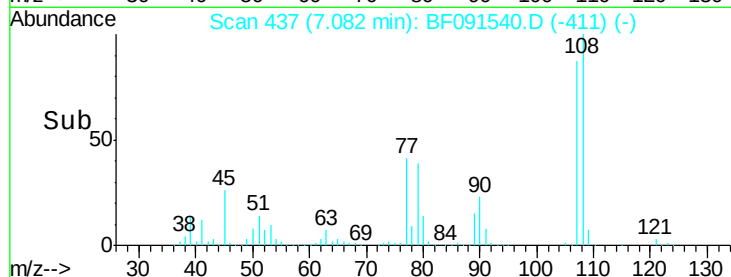
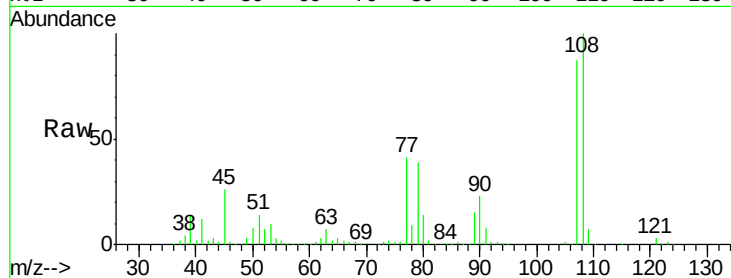
Ion Ratio Lower Upper

107 100

108 115.3 67.7 101.5#

77 46.8 40.7 61.1

79 45.4 23.4 35.2#



#18

Hexachloroethane

Concen: 42.33 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

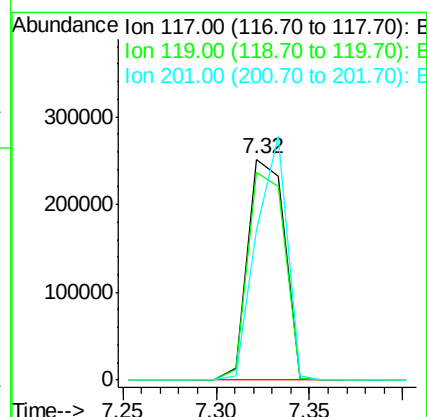
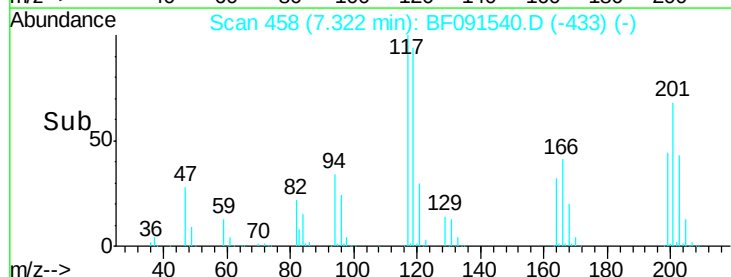
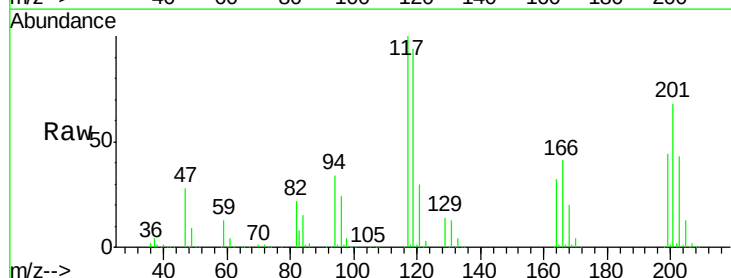
Tgt Ion:117 Resp: 342610

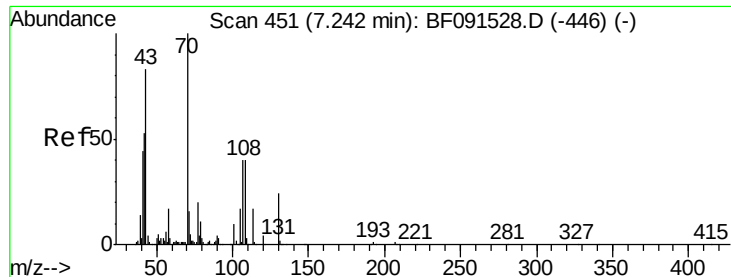
Ion Ratio Lower Upper

117 100

119 94.3 78.6 118.0

201 68.0 86.7 130.1#

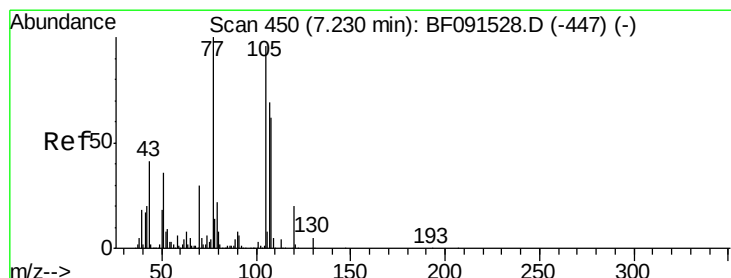
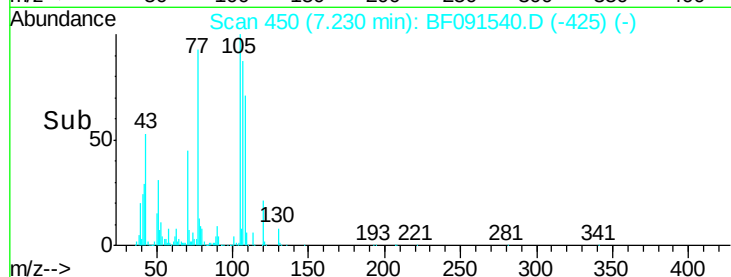
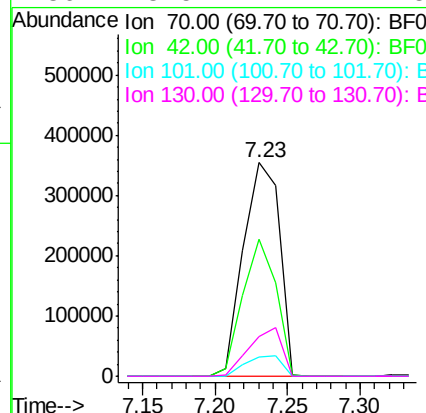
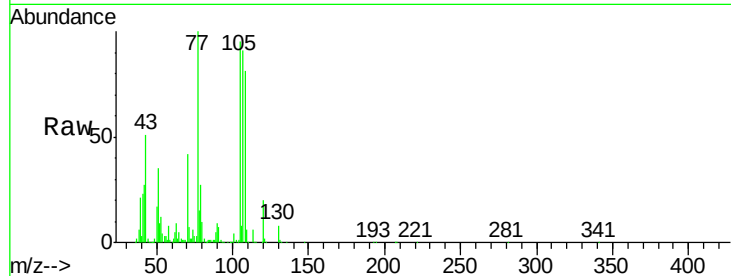




#19
 n-Nitroso-di-n-propylamine
 Concen: 45.93 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

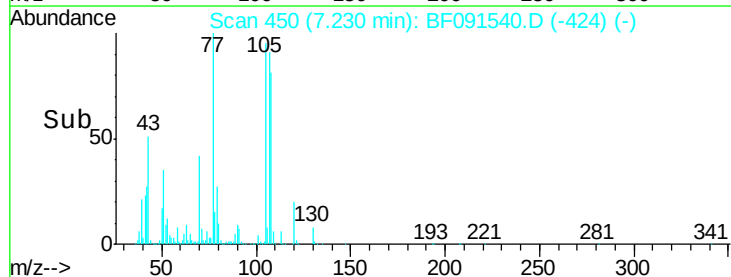
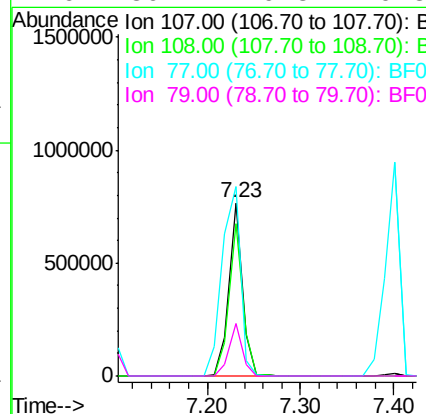
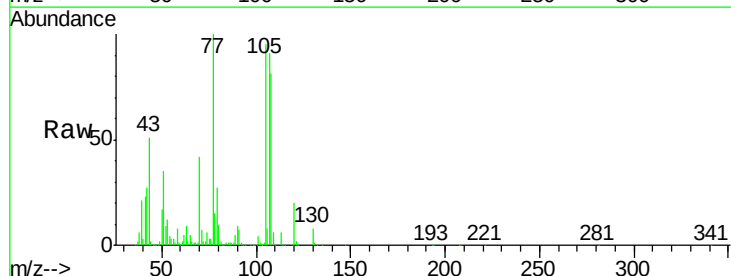
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

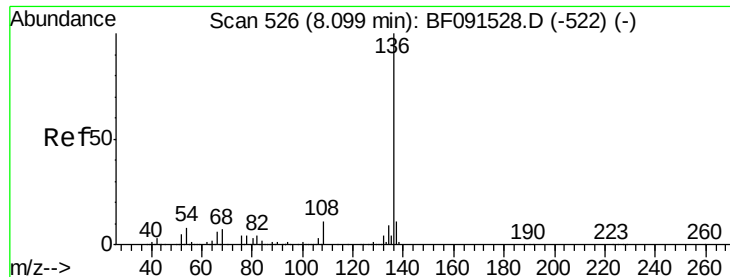
Tgt Ion: 70 Resp: 615110
 Ion Ratio Lower Upper
 70 100
 42 64.4 64.8 97.2#
 101 9.2 6.2 9.4
 130 18.5 11.7 17.5#



#20
 3+4-Methylphenols
 Concen: 45.02 ng
 RT: 7.23 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion: 107 Resp: 780036
 Ion Ratio Lower Upper
 107 100
 108 88.2 64.6 104.6
 77 109.4 30.9 70.9#
 79 30.1 9.3 49.3

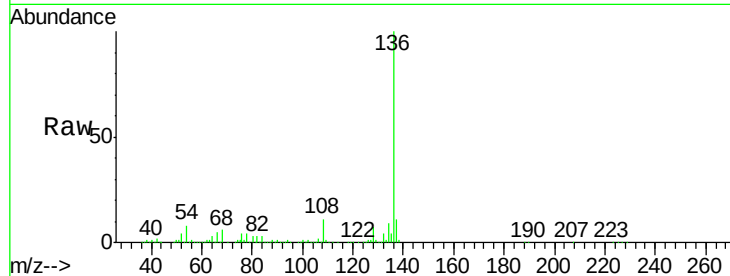




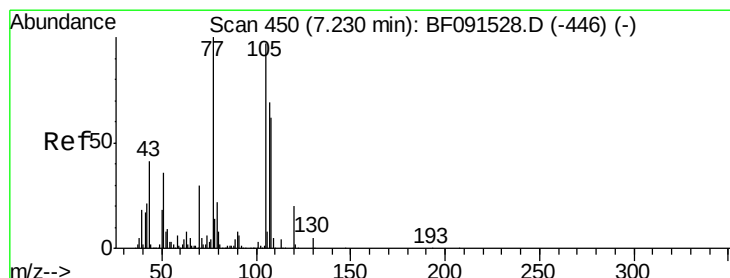
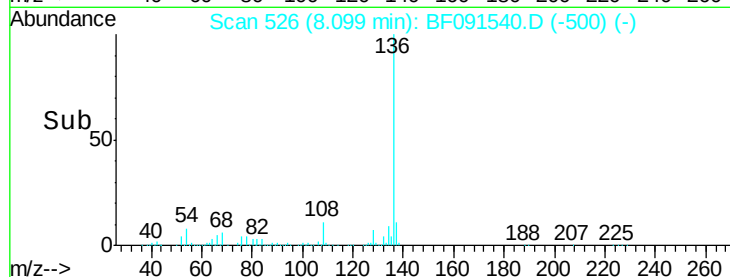
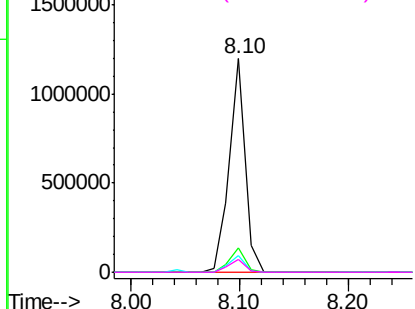
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tgt Ion:136 Resp: 1206380
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.1 9.1 13.7#
68 6.1 5.9 8.9

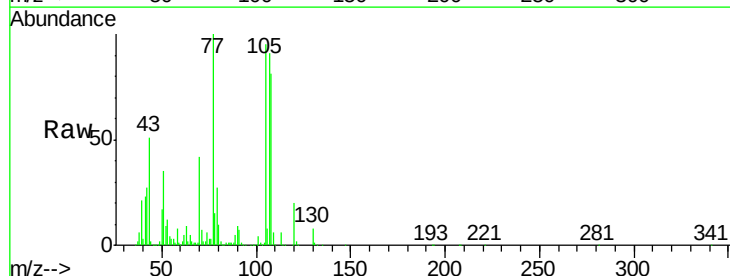


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

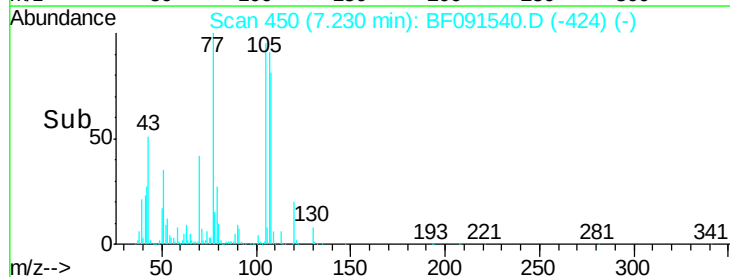
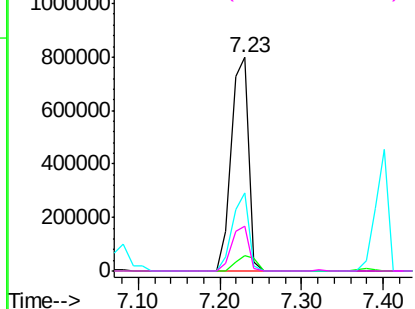


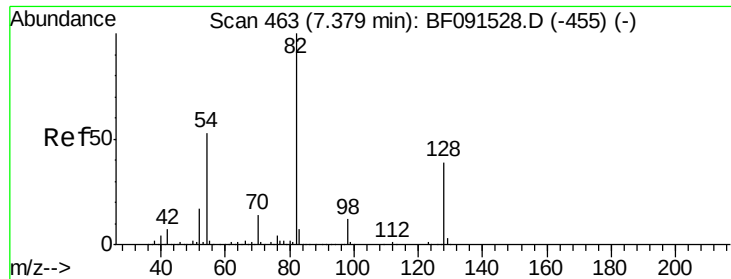
#22
Acetophenone
Concen: 40.64 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:105 Resp: 1174601
Ion Ratio Lower Upper
105 100
71 7.3 7.9 11.9#
51 36.6 24.5 36.7
120 21.1 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

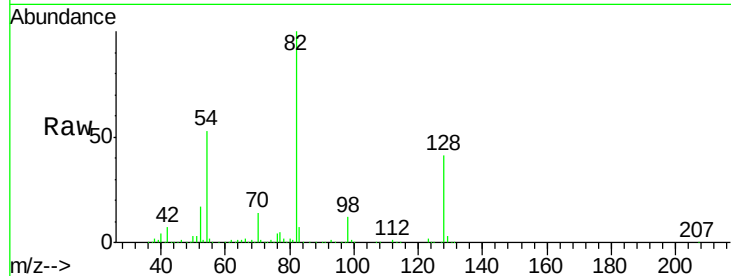




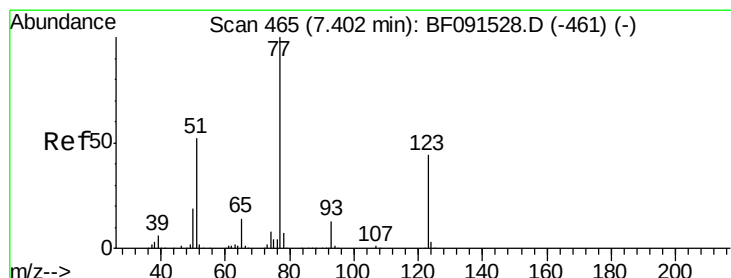
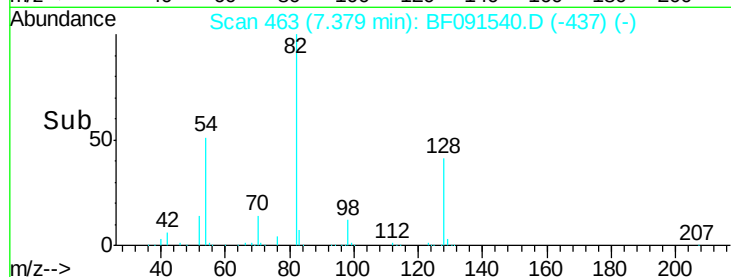
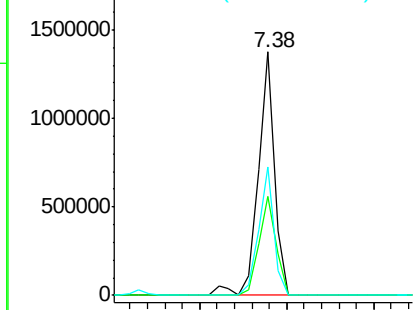
#23
Nitrobenzene-d5
Concen: 84.84 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tgt Ion: 82 Resp: 1833836
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 52.6 49.1 73.7

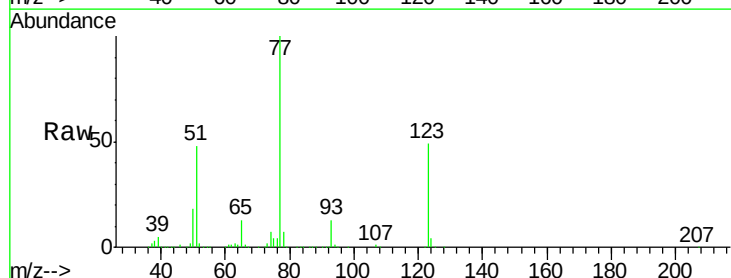


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

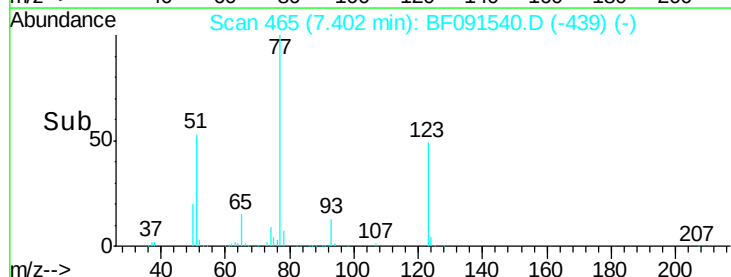
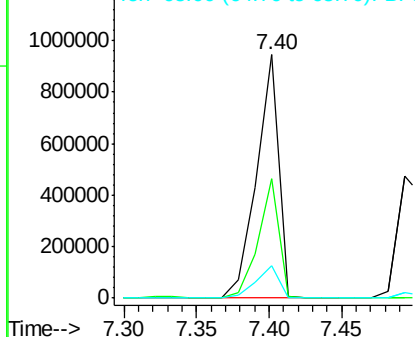


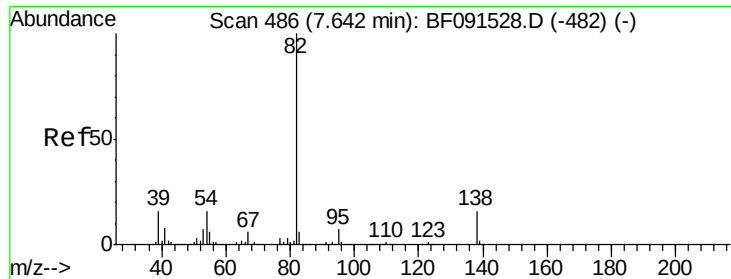
#24
Nitrobenzene
Concen: 43.71 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion: 77 Resp: 998095
Ion Ratio Lower Upper
77 100
123 48.9 28.5 42.7#
65 13.3 12.5 18.7



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





#25

Isophorone

Concen: 44.31 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

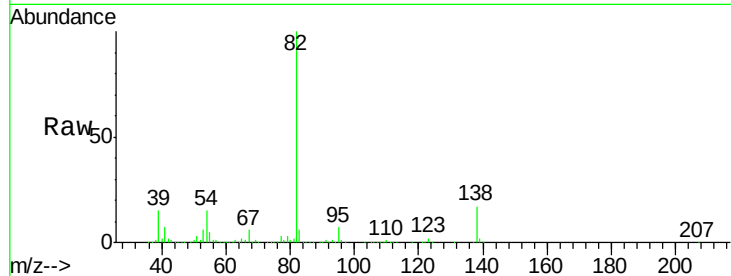
Tgt Ion: 82 Resp: 1702696

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

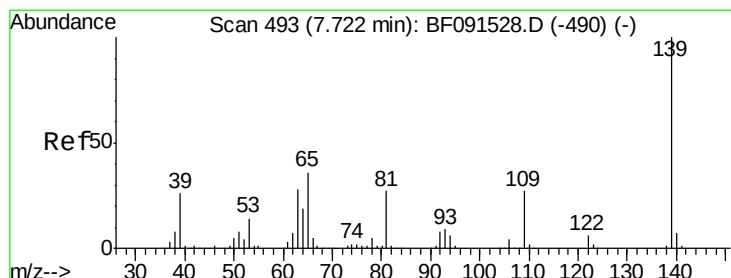
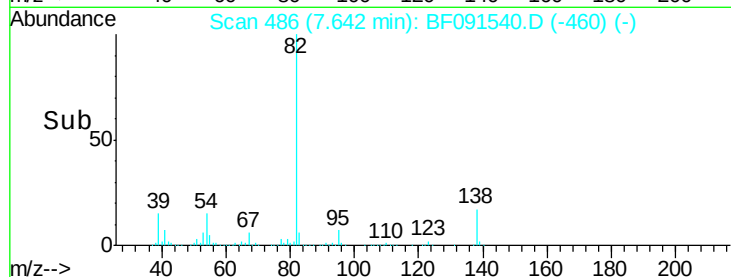
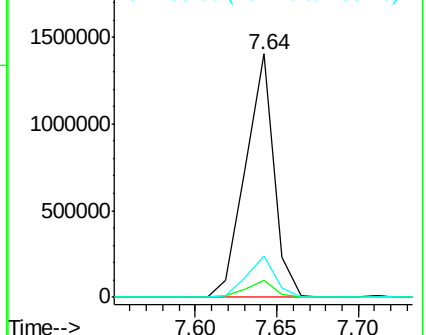
138 17.1 13.4 20.0



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: 42.76 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

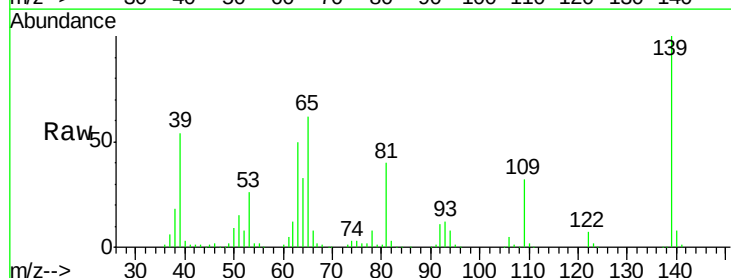
Tgt Ion: 139 Resp: 430941

Ion Ratio Lower Upper

139 100

109 31.6 25.3 37.9

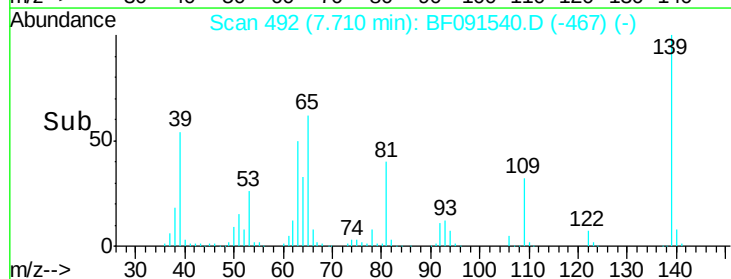
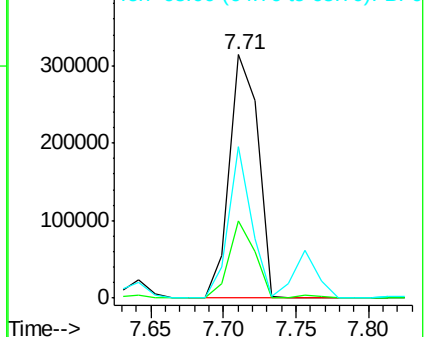
65 62.3 55.4 83.2

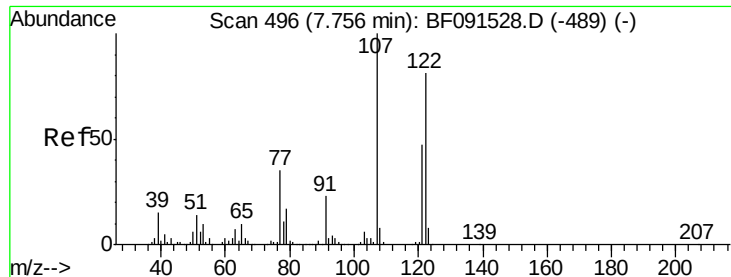


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.89 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

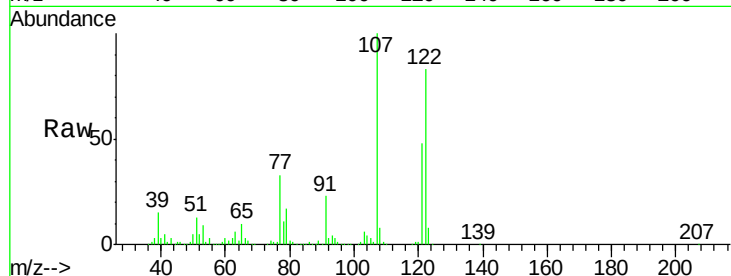
Tgt Ion:122 Resp: 759351

Ion Ratio Lower Upper

122 100

107 120.4 96.8 145.2

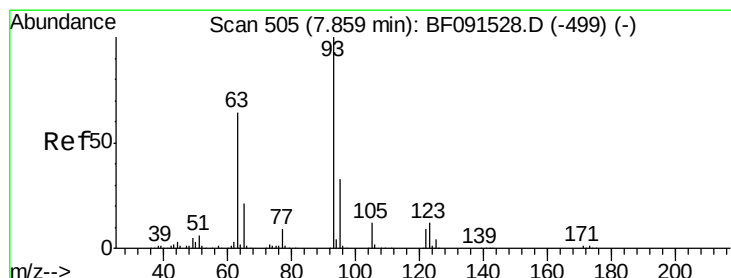
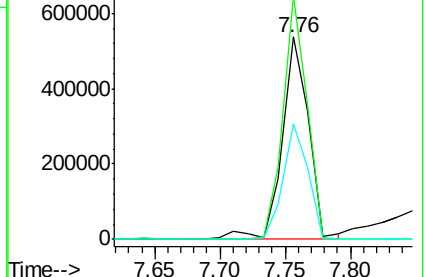
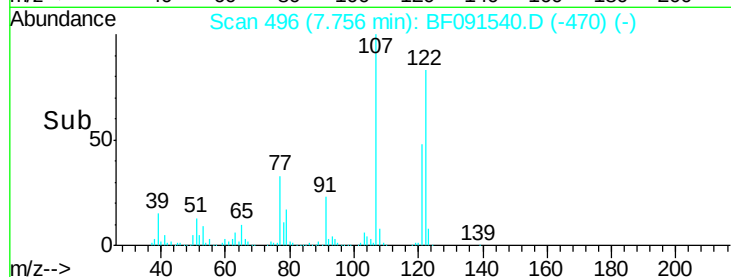
121 57.2 47.7 71.5



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: 47.71 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

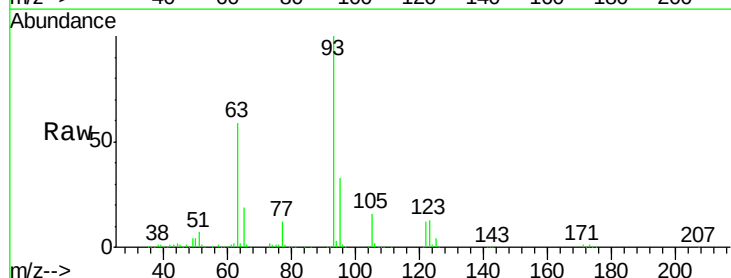
Tgt Ion: 93 Resp: 1075245

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

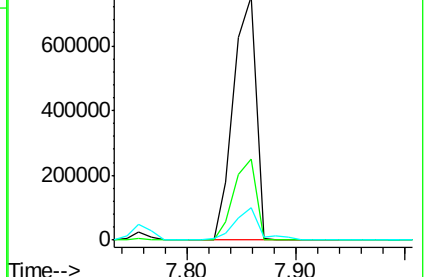
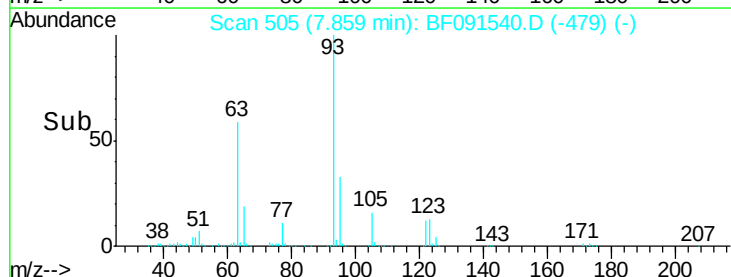
123 13.1 8.6 12.8#

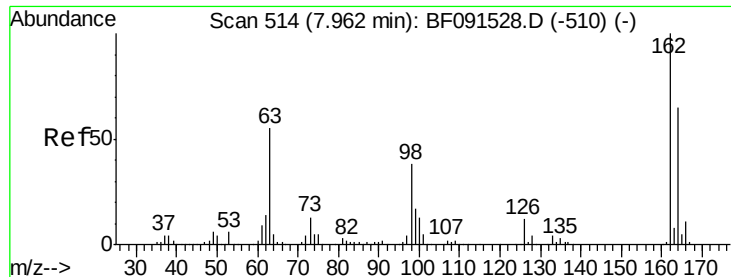


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

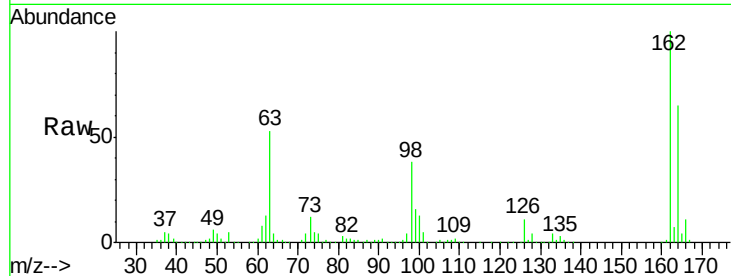




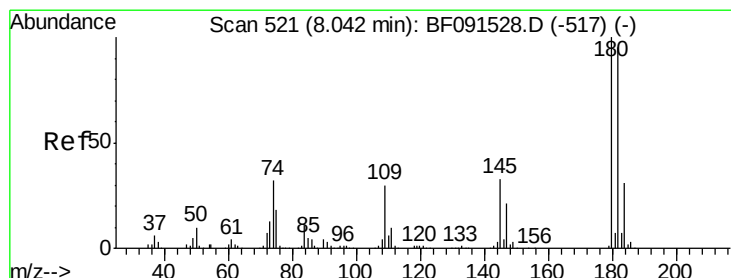
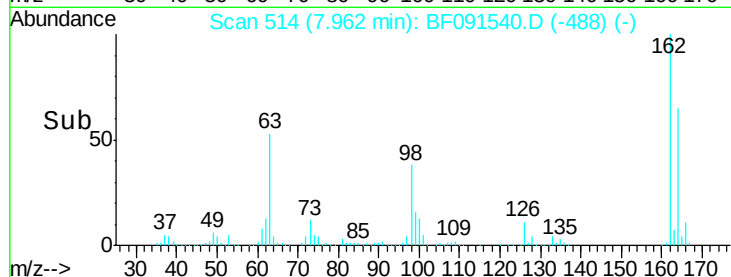
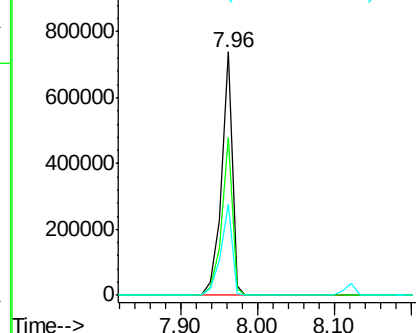
#29
 2,4-Dichlorophenol
 Concen: 46.47 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tgt Ion:162 Resp: 715709
 Ion Ratio Lower Upper
 162 100
 164 64.7 45.0 85.0
 98 37.5 21.3 61.3

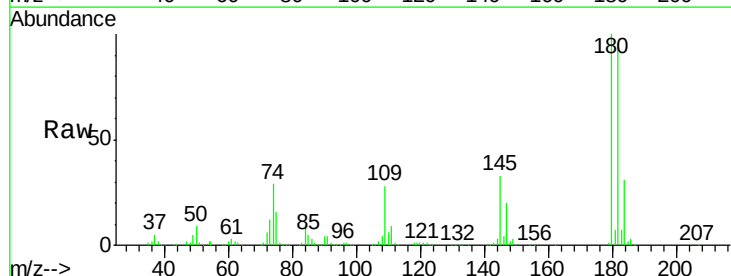


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

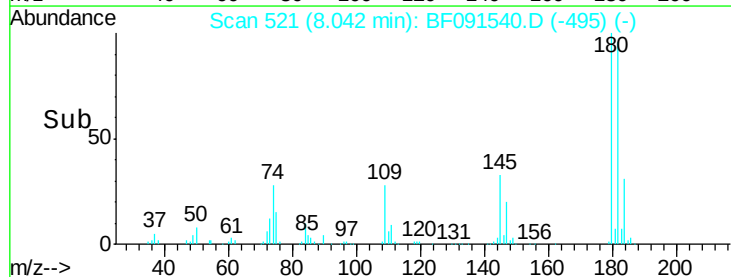
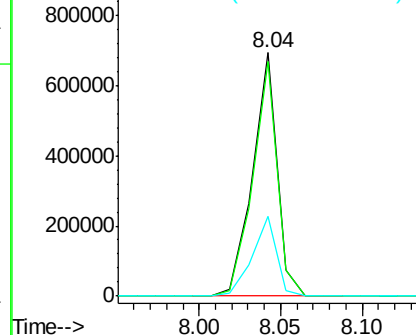


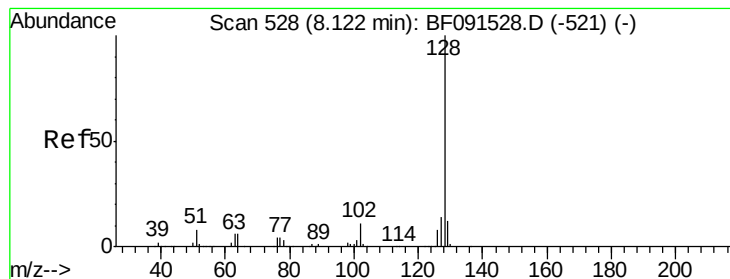
#30
 1,2,4-Trichlorobenzene
 Concen: 41.22 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:180 Resp: 721558
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.8 113.8
 145 32.7 27.0 40.4



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





#31

Naphthalene

Concen: 41.92 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

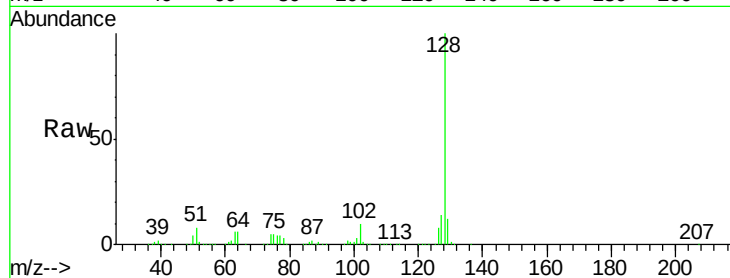
Tgt Ion:128 Resp: 2352932

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

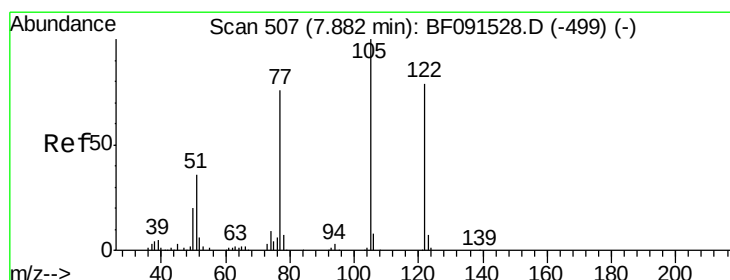
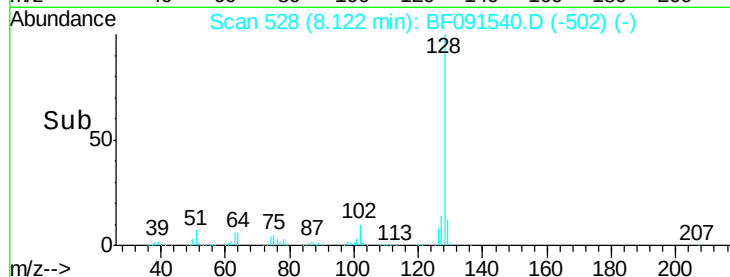
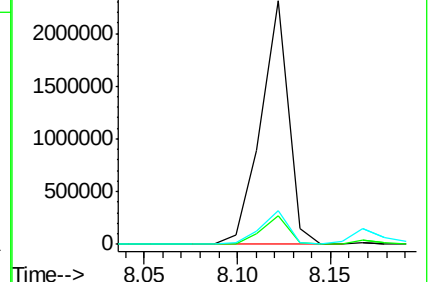
127 13.7 11.0 16.4



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: 42.25 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

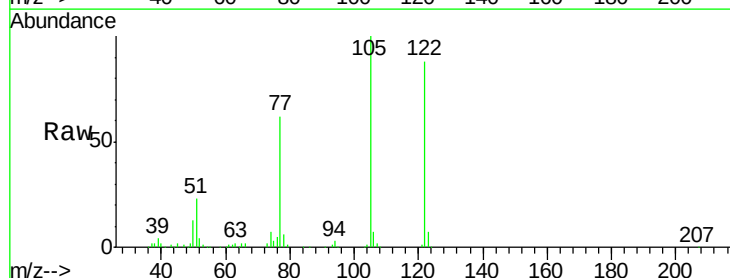
Tgt Ion:122 Resp: 528512

Ion Ratio Lower Upper

122 100

105 114.2 113.0 153.0

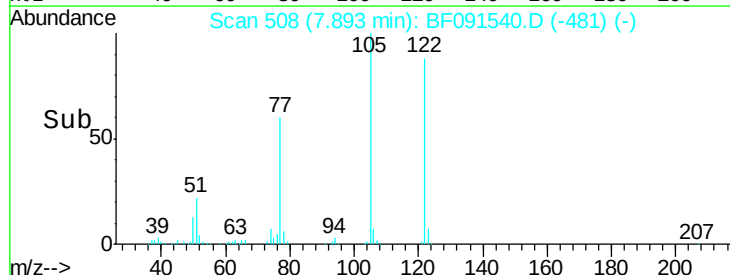
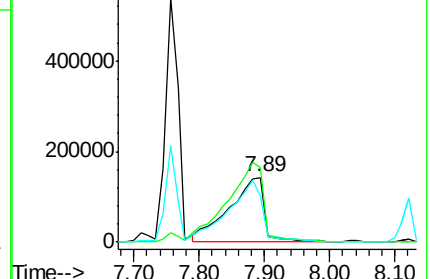
77 70.8 82.0 122.0#

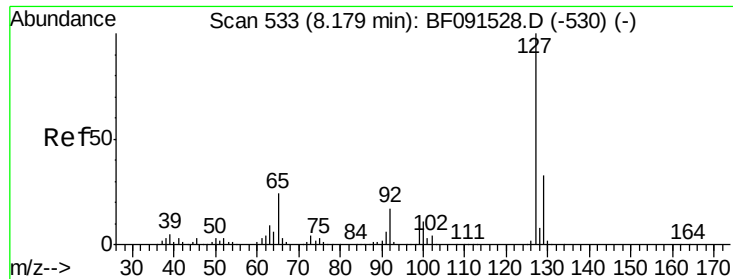


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

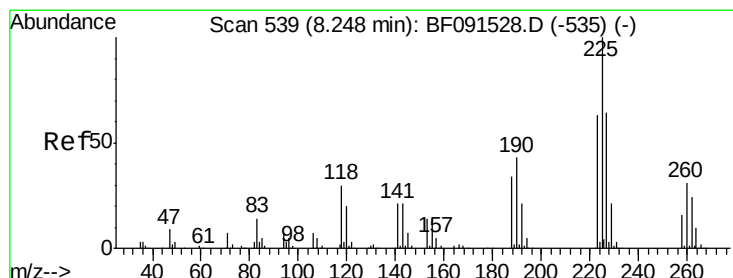
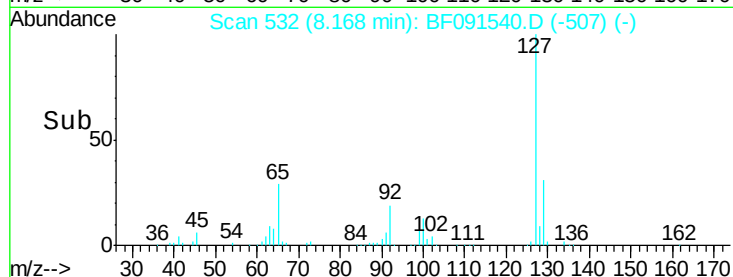
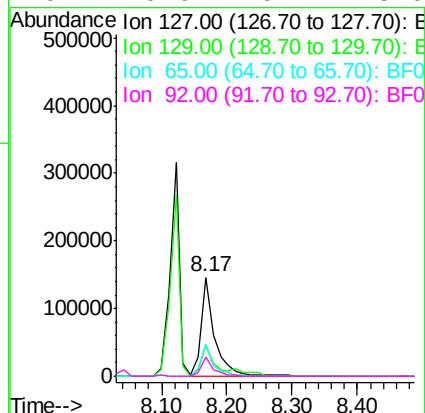
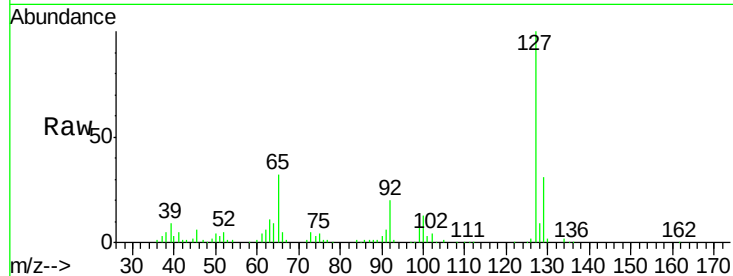




#33
4-Chloroaniline
Concen: 8.65 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

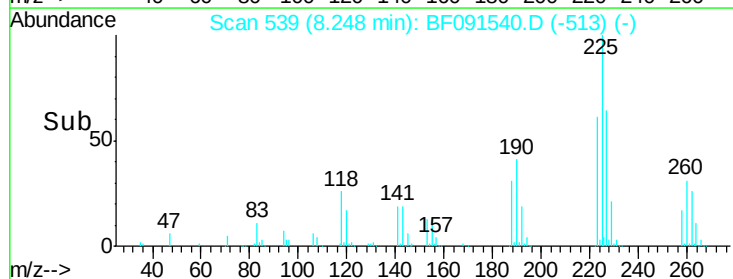
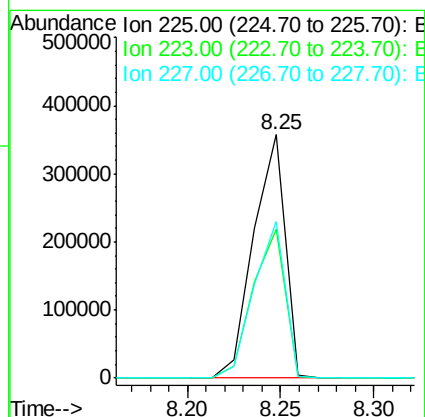
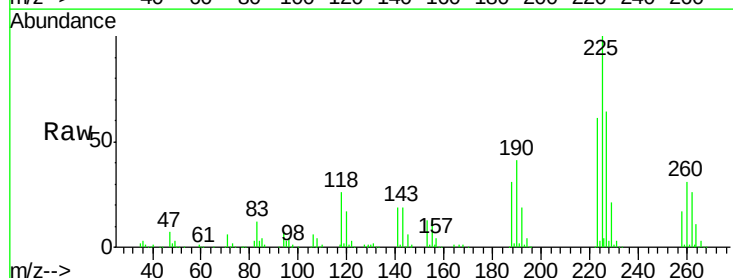
Instrument :
BNA_F
ClientSampleId :
PB95152BSD

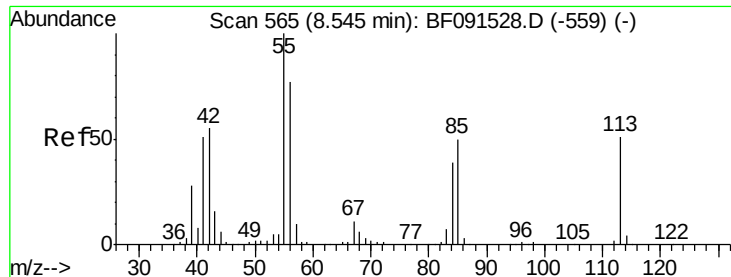
Tgt Ion:	127	Resp:	209116
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.4
65	32.5	26.6	39.8
92	19.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.77 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:	225	Resp:	419140
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.6
227	64.2	52.6	79.0

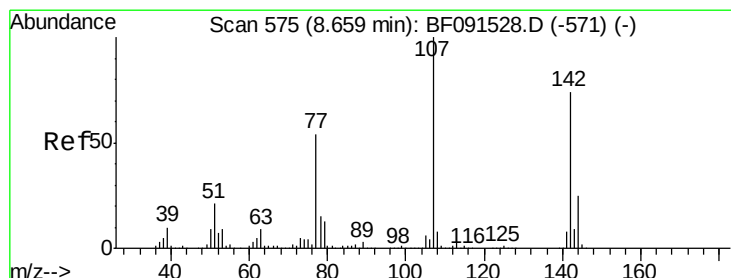
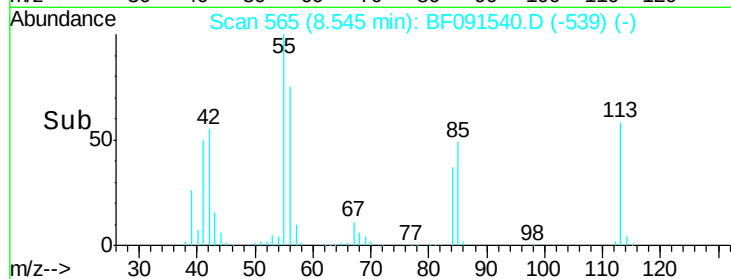
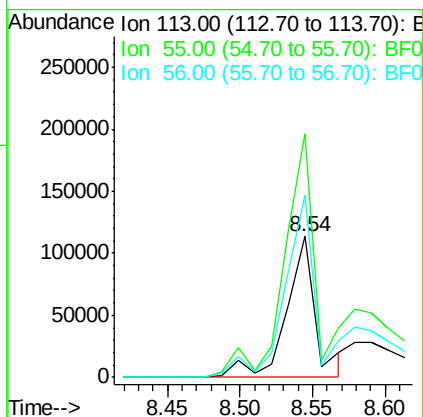
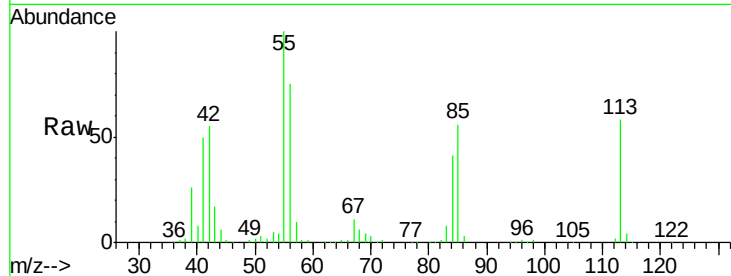




#35
 Caprolactam
 Concen: 34.87 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

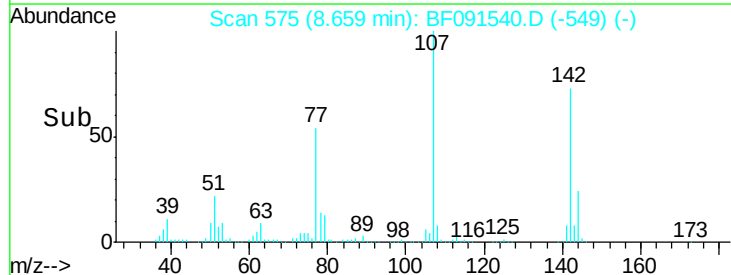
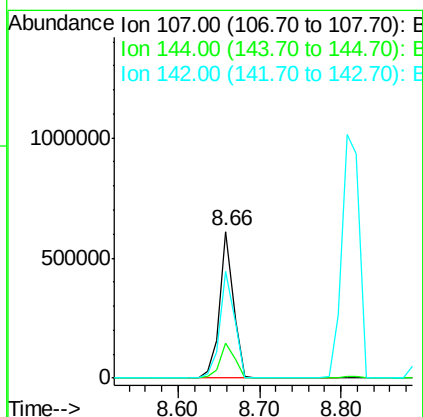
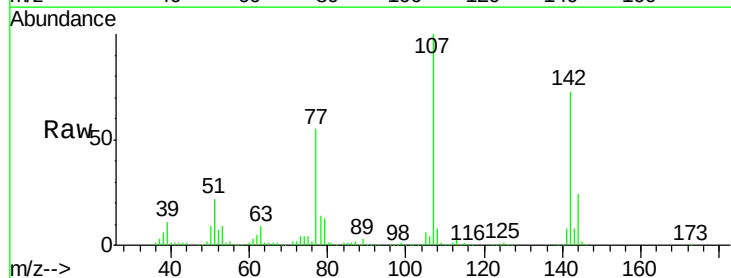
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

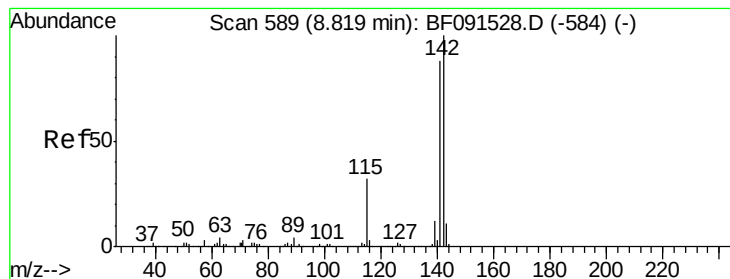
Tgt Ion:113 Resp: 156855
 Ion Ratio Lower Upper
 113 100
 55 172.7 239.8 279.8#
 56 129.4 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.58 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:107 Resp: 718290
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.9 28.3
 142 72.6 58.5 87.7

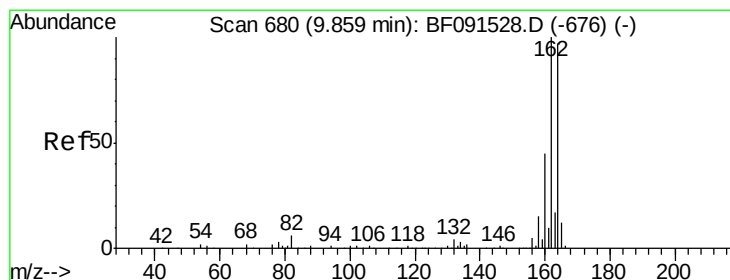
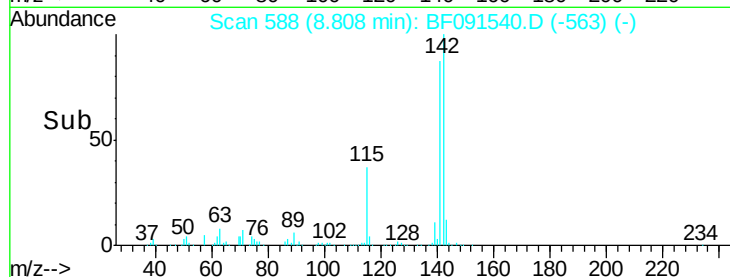
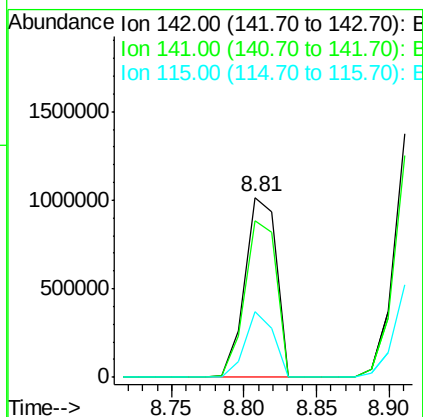
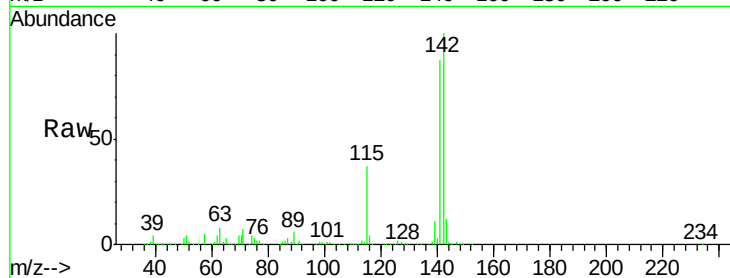




#37
 2-Methylnaphthalene
 Concen: 42.05 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

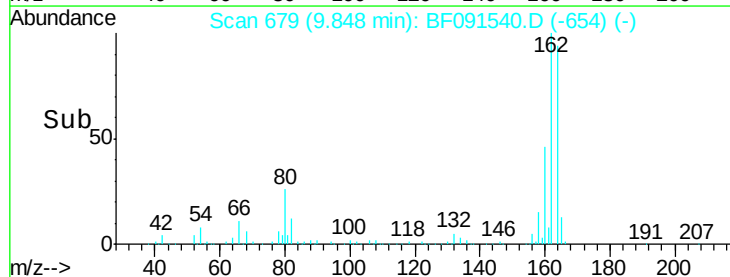
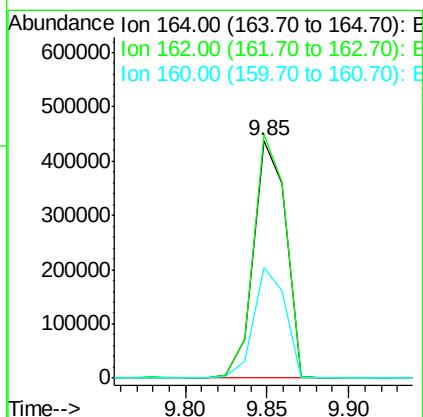
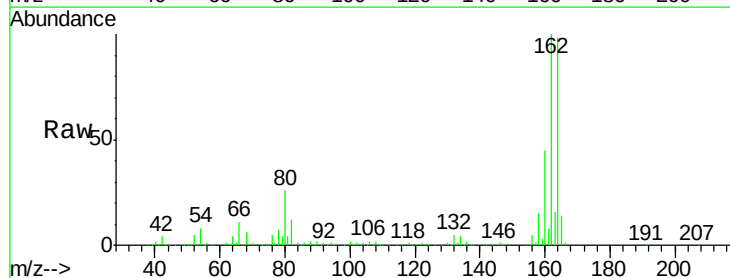
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

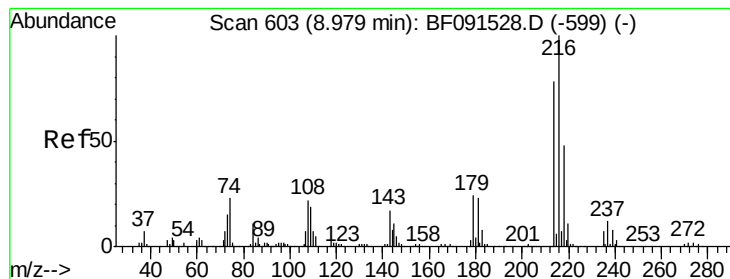
Tgt Ion:142 Resp: 1527483
 Ion Ratio Lower Upper
 142 100
 141 87.1 71.7 107.5
 115 36.6 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:164 Resp: 601390
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 124.0
 160 46.6 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.06 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tgt Ion:216 Resp: 611376

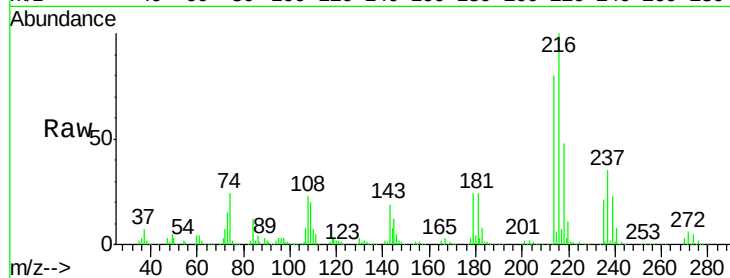
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 23.3 18.2 27.2

108 26.5 17.2 25.8#

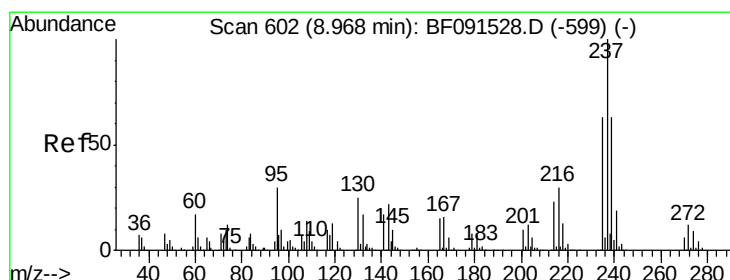
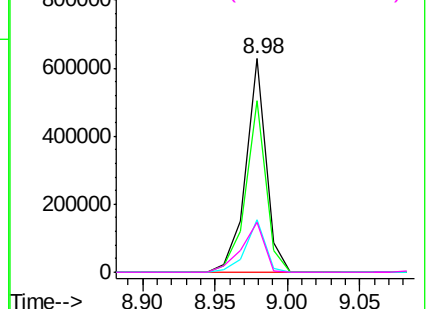
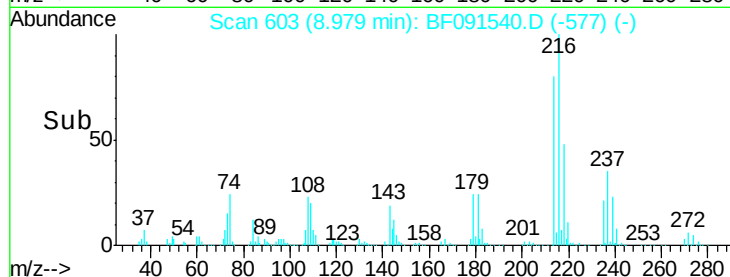


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.66 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

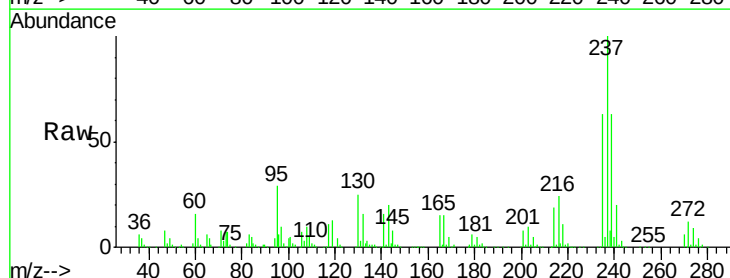
Tgt Ion:237 Resp: 718184

Ion Ratio Lower Upper

237 100

235 62.6 43.9 83.9

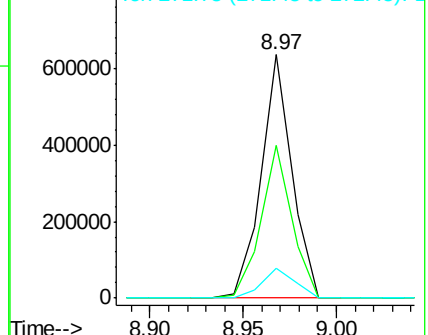
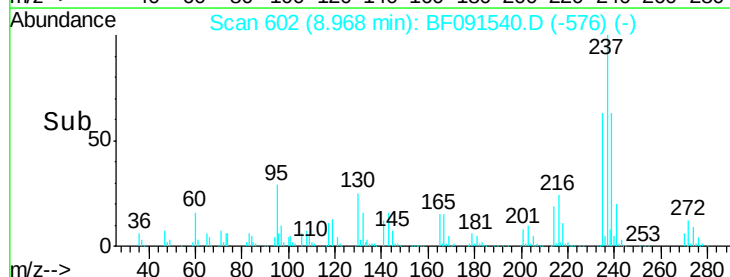
272 12.2 0.0 33.1

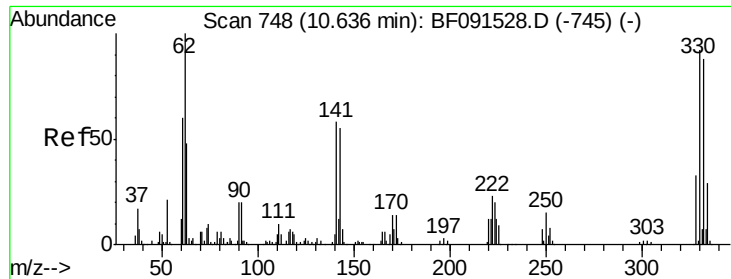


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

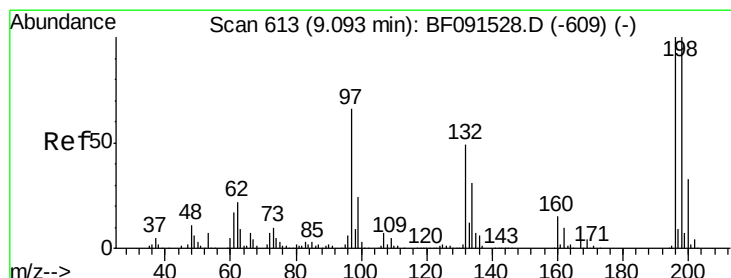
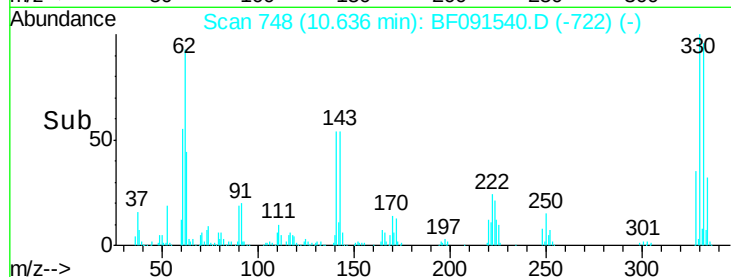
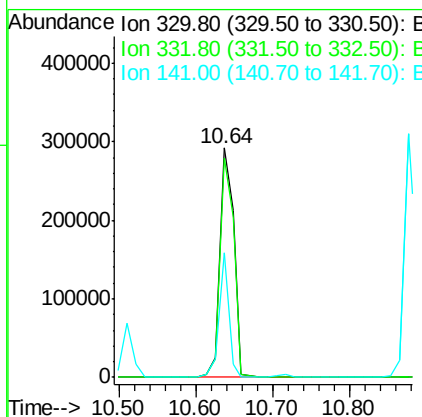
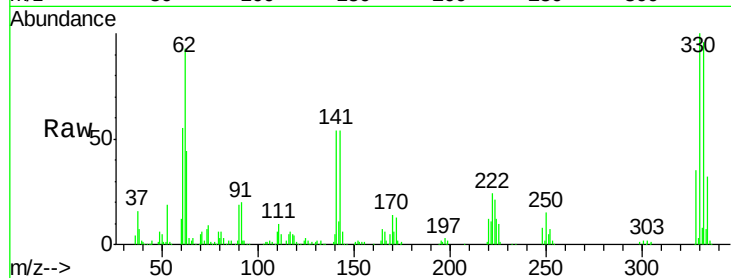




#41
 2,4,6-Tribromophenol
 Concen: 74.61 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

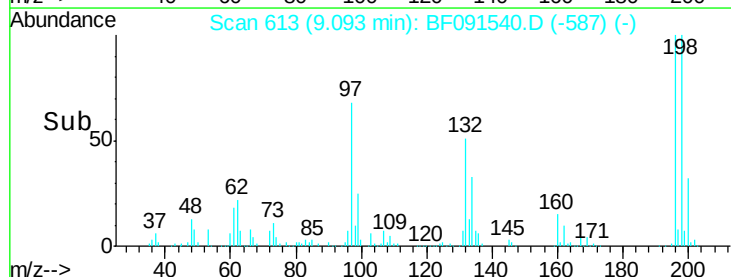
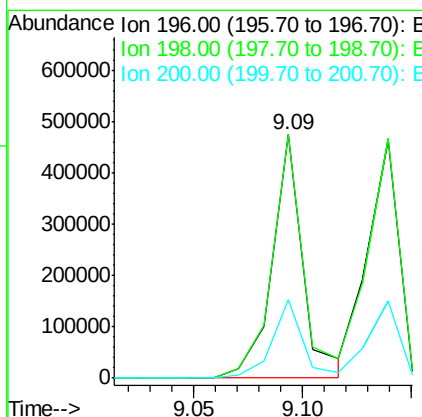
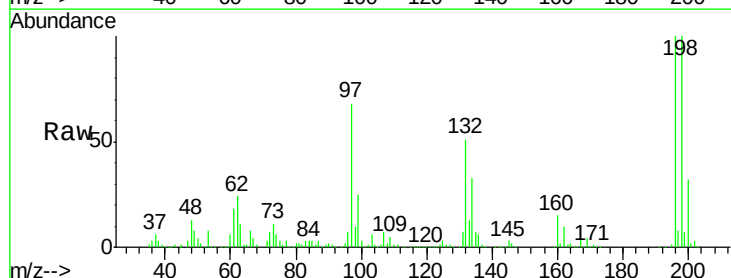
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

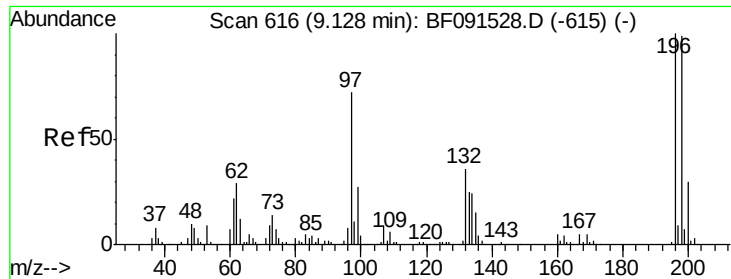
Tgt Ion:330 Resp: 372667
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 37.8 33.6 50.4



#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:196 Resp: 473022
 Ion Ratio Lower Upper
 196 100
 198 100.2 77.4 116.0
 200 32.3 25.2 37.8

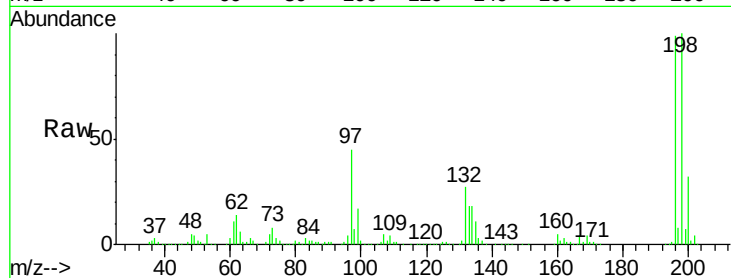




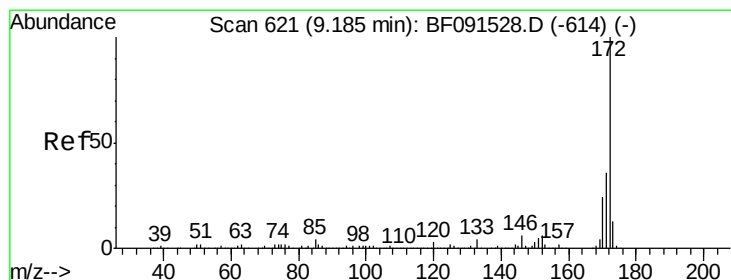
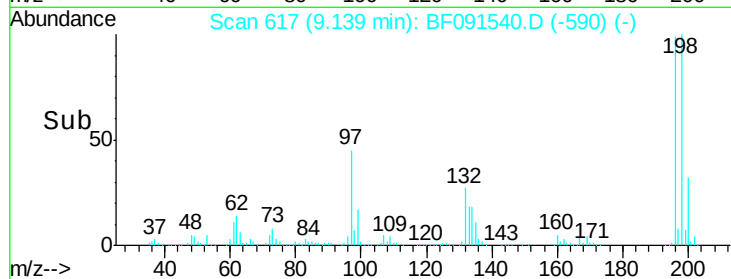
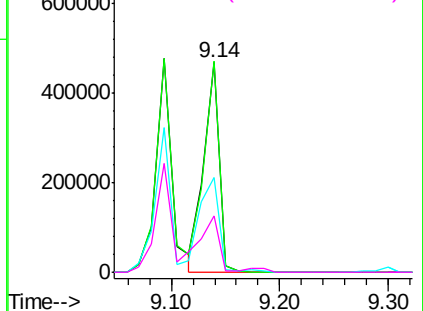
#43
 2,4,5-Trichlorophenol
 Concen: 42.89 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tgt Ion	Resp	Lower	Upper
196	467115		
198	100	77.0	115.6
97	100.6	33.5	50.3
132	45.0	20.5	30.7

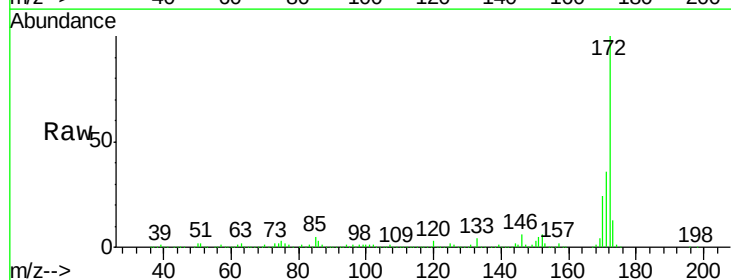


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

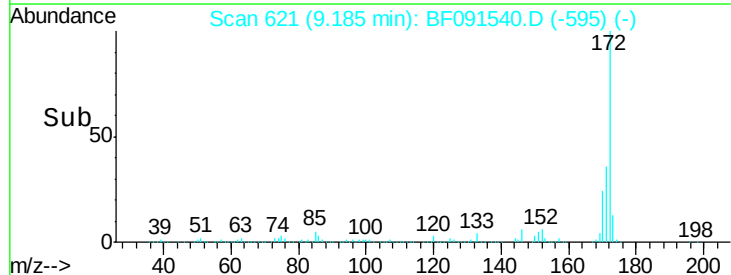
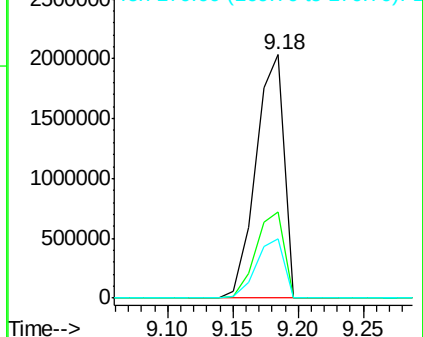


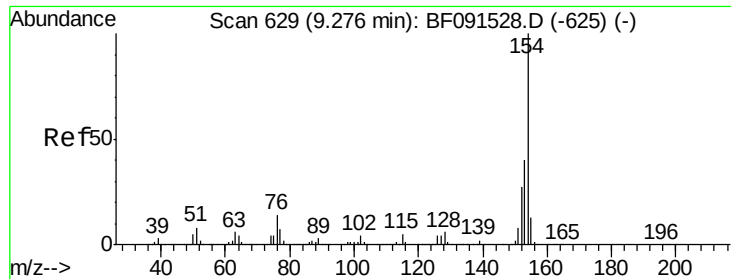
#44
 2-Fluorobiphenyl
 Concen: 87.59 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Resp	Lower	Upper
172	3048671		
171	100	29.4	44.0
170	35.5	19.7	29.5



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

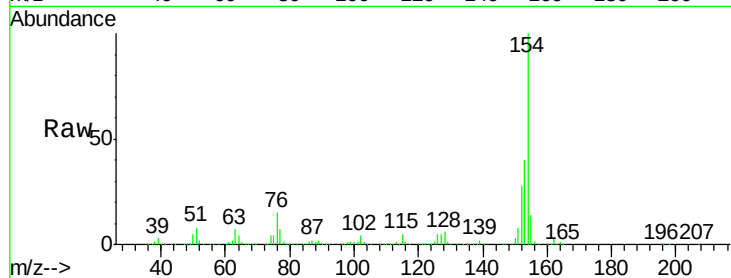




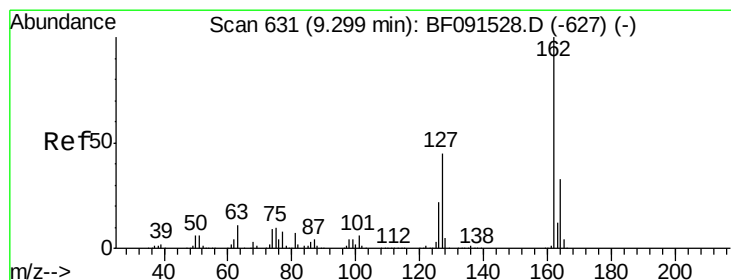
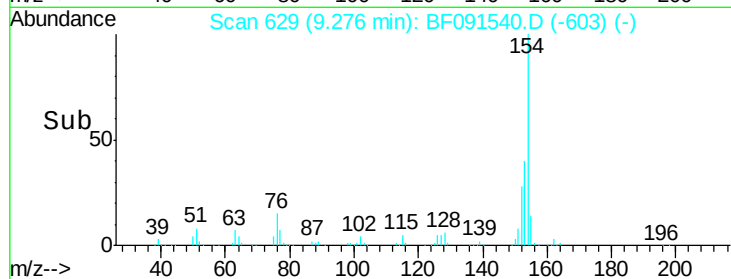
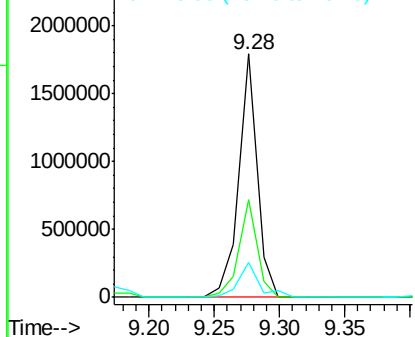
#45
 1,1'-Biphenyl
 Concen: 40.08 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tgt Ion:154 Resp: 1745933
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 14.6 0.0 36.6

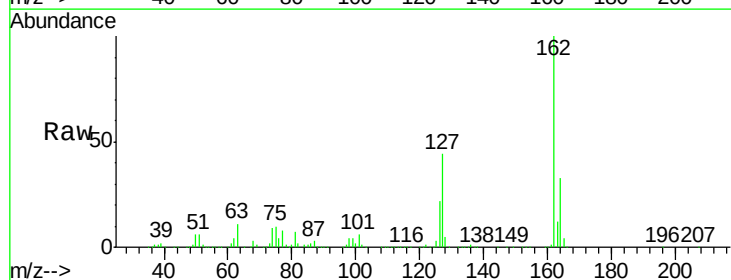


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

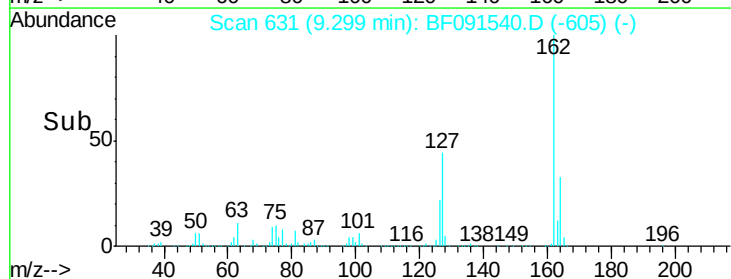
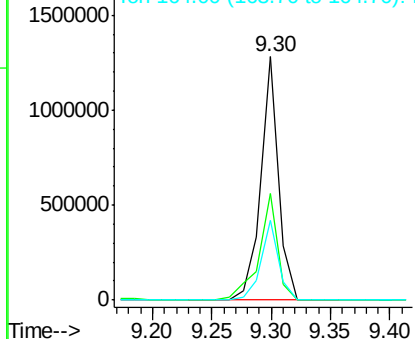


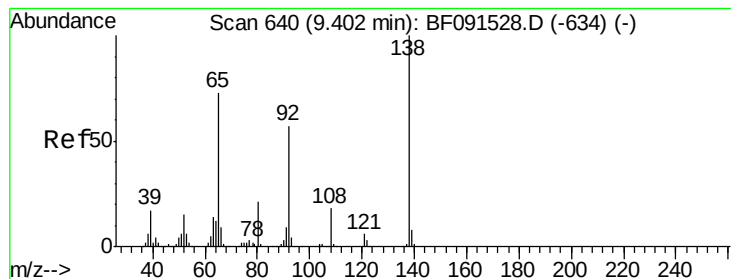
#46
 2-Chloronaphthalene
 Concen: 39.69 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:162 Resp: 1338712
 Ion Ratio Lower Upper
 162 100
 127 43.9 34.3 51.5
 164 33.0 26.6 40.0



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: 41.61 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

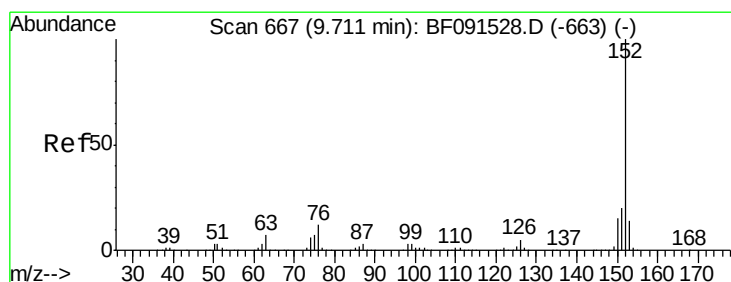
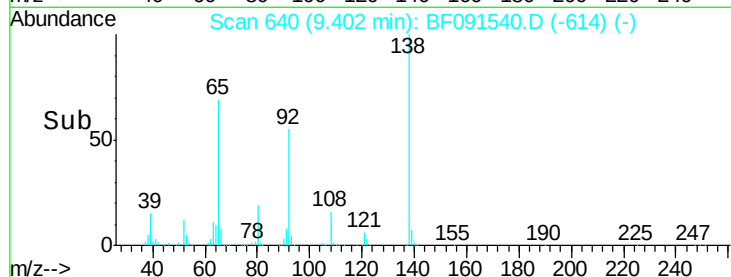
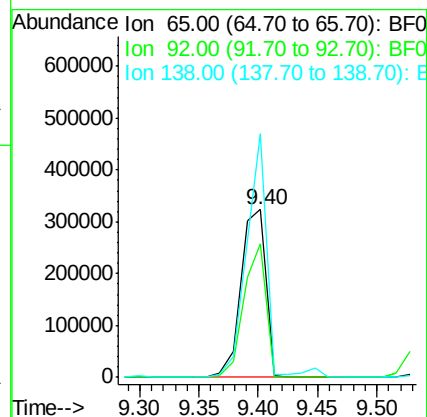
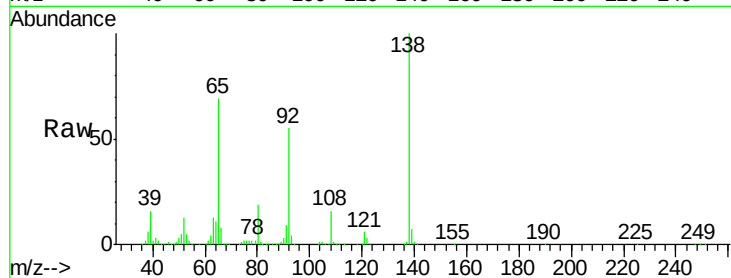
Tgt Ion: 65 Resp: 471955

Ion Ratio Lower Upper

65 100

92 79.7 53.6 80.4

138 145.0 91.0 136.6#



#48

Acenaphthylene

Concen: 41.11 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

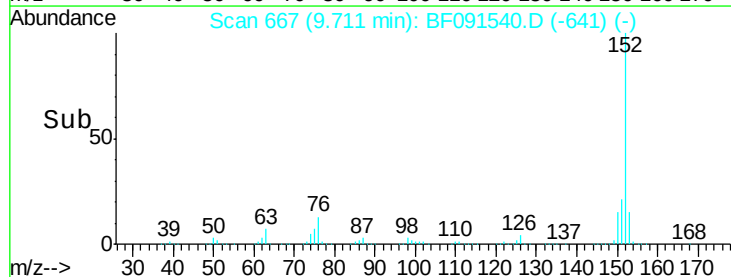
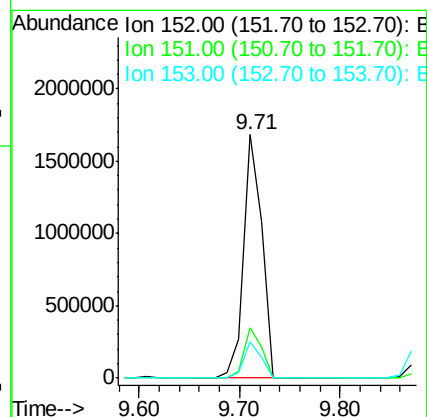
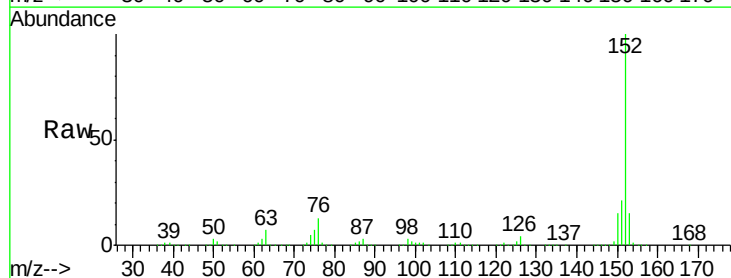
Tgt Ion: 152 Resp: 2113924

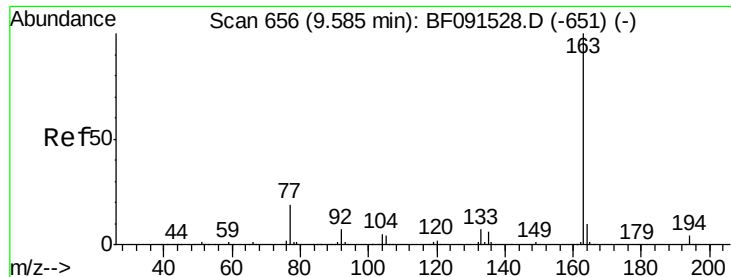
Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 14.7 10.7 16.1

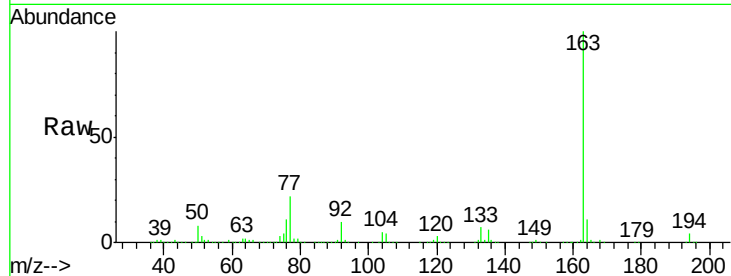




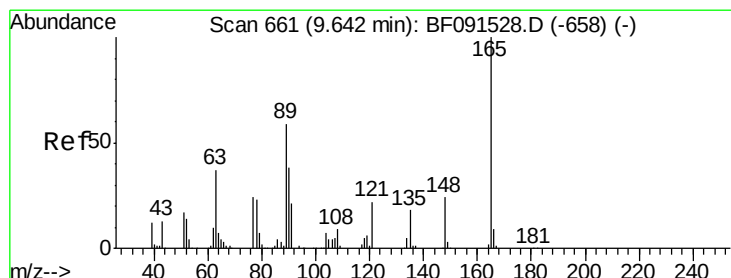
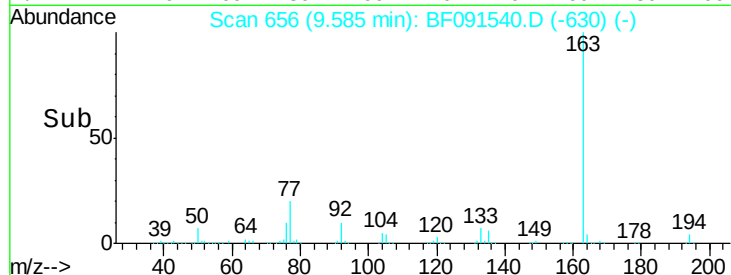
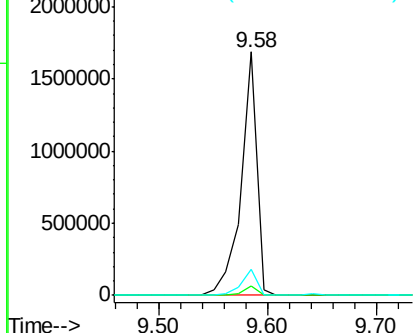
#49
Dimethylphthalate
Concen: 43.51 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tgt Ion:163 Resp: 1656934
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.5 7.8 11.8

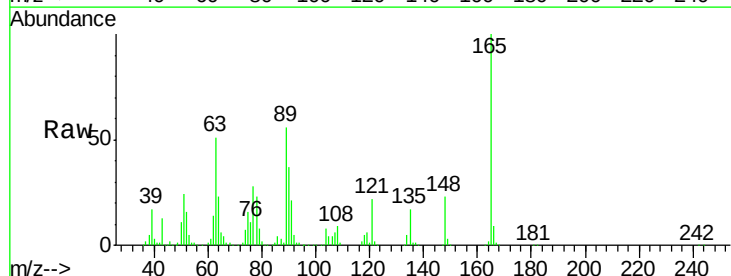


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

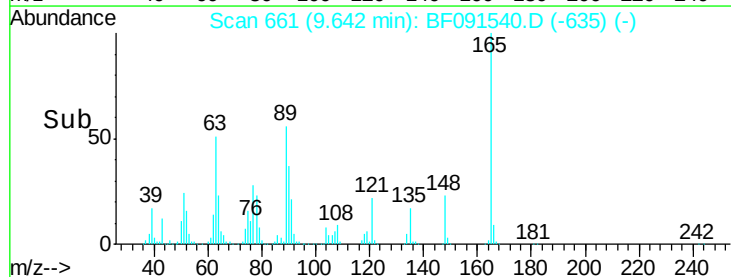
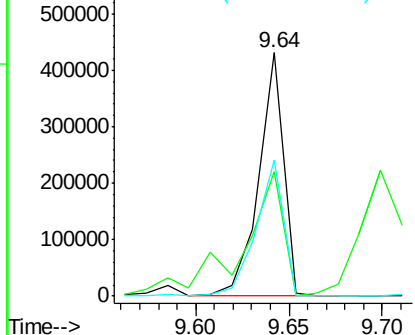


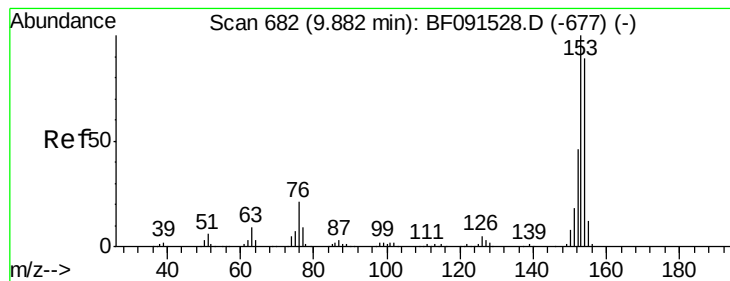
#50
2,6-Dinitrotoluene
Concen: 47.14 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:165 Resp: 394028
Ion Ratio Lower Upper
165 100
63 51.3 59.4 89.0#
89 55.8 50.8 76.2



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





#51

Acenaphthene

Concen: 43.07 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

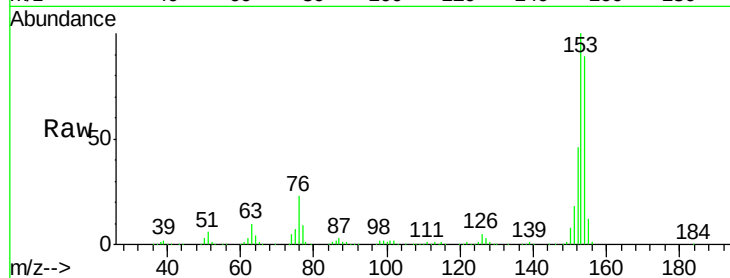
Tgt Ion:154 Resp: 1538065

Ion Ratio Lower Upper

154 100

153 111.9 91.0 136.6

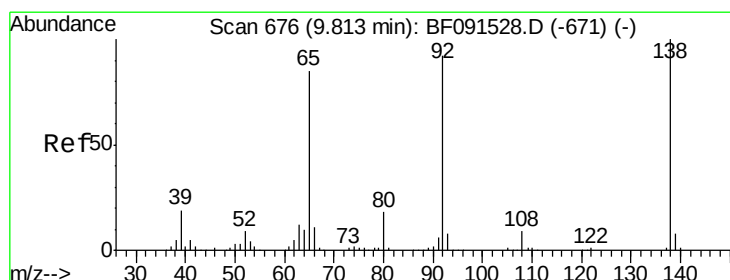
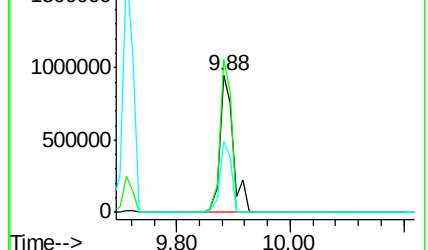
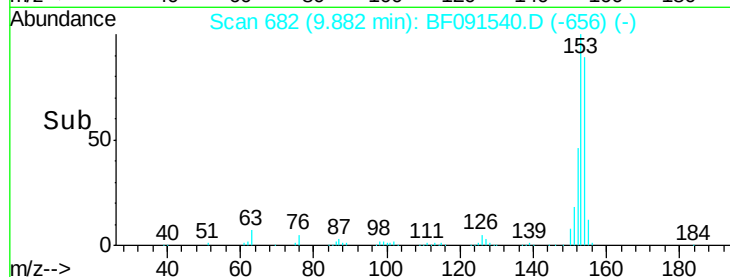
152 51.8 44.2 66.2



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: 17.77 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

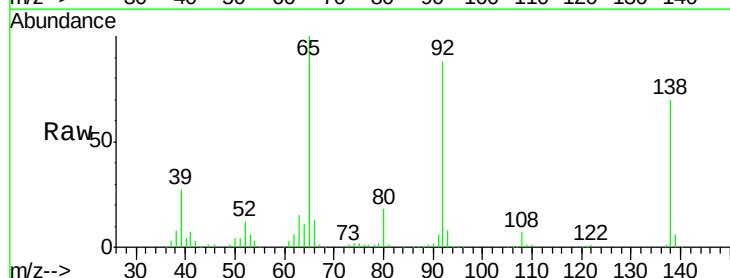
Tgt Ion:138 Resp: 174431

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

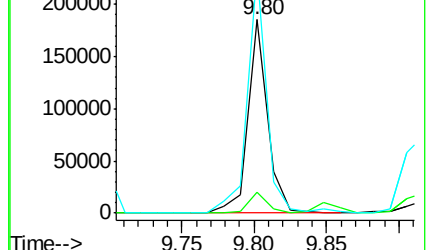
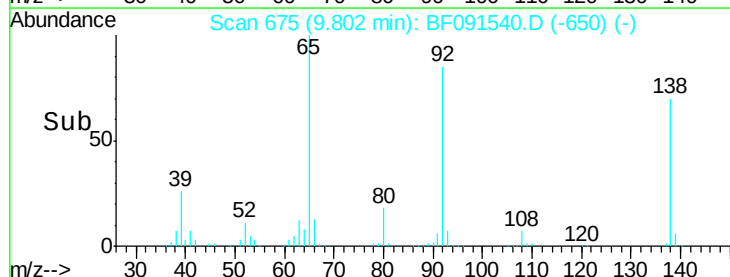
92 125.8 92.5 138.7

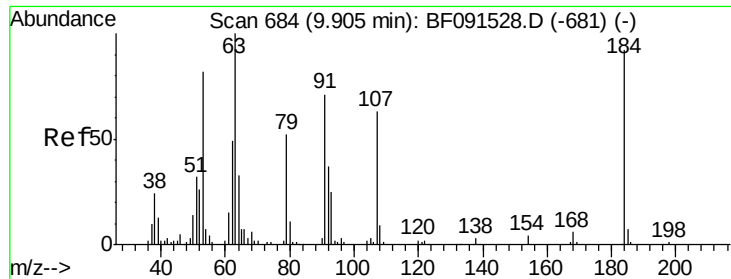


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

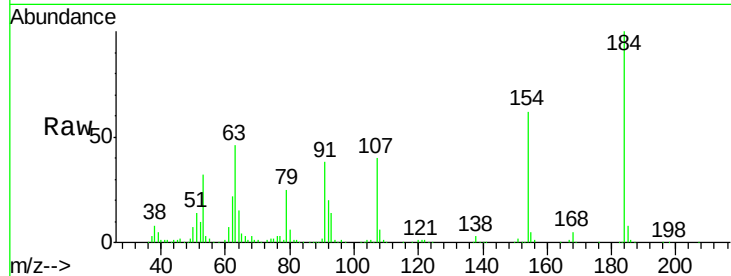




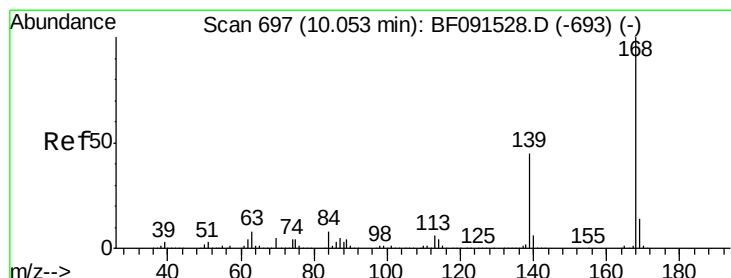
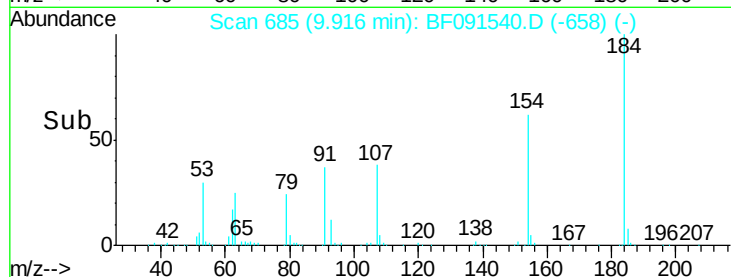
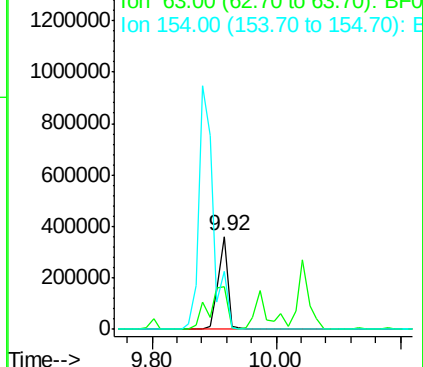
#53
2,4-Dinitrophenol
Concen: 77.75 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tgt Ion:184 Resp: 377838
Ion Ratio Lower Upper
184 100
63 45.9 58.3 87.5#
154 62.0 48.6 73.0

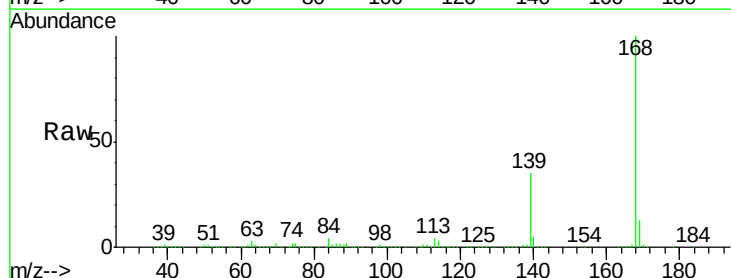


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

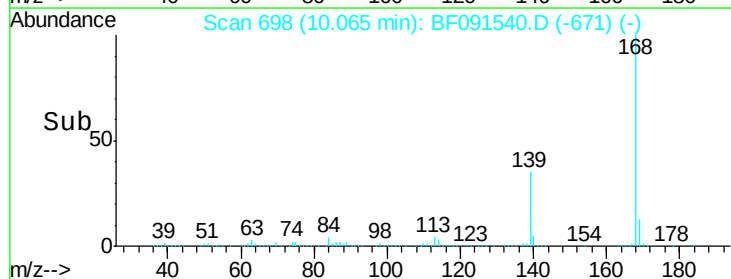
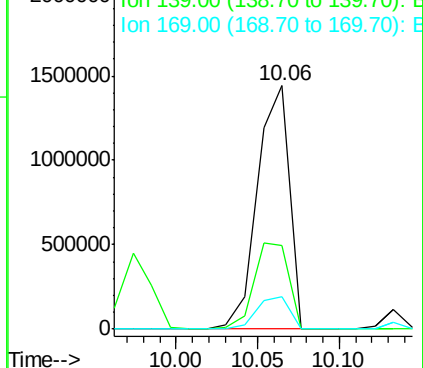


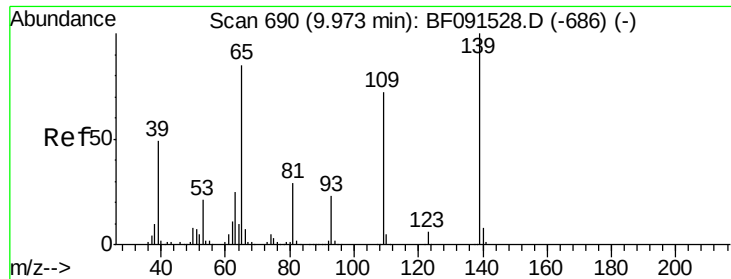
#54
Dibenzofuran
Concen: 44.29 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:168 Resp: 1957054
Ion Ratio Lower Upper
168 100
139 34.6 33.4 50.2
169 13.4 11.1 16.7



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

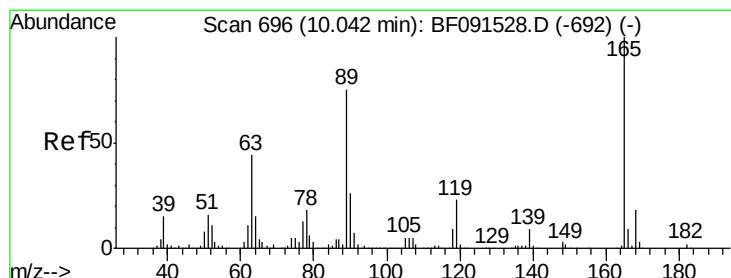
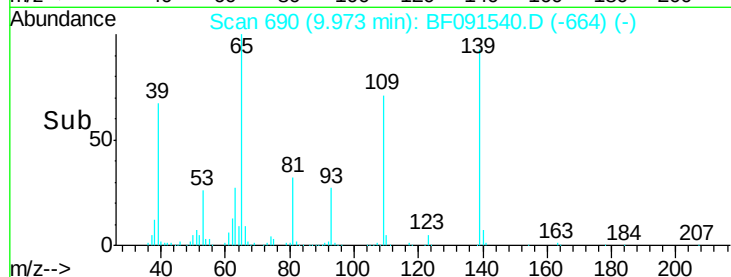
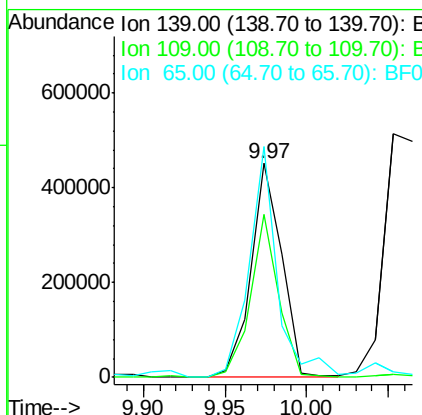
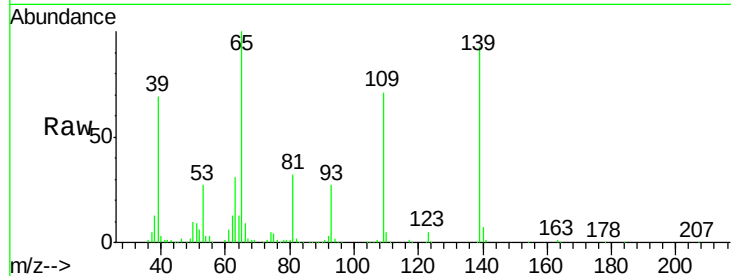




#55
4-Nitrophenol
Concen: 81.07 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

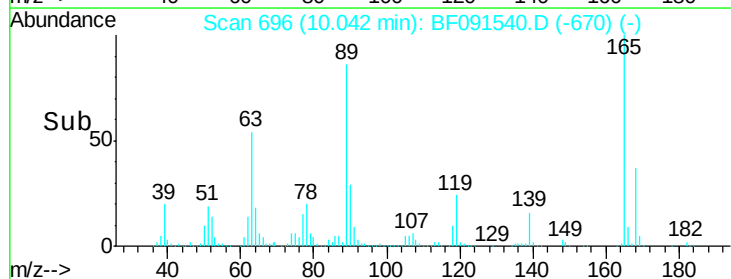
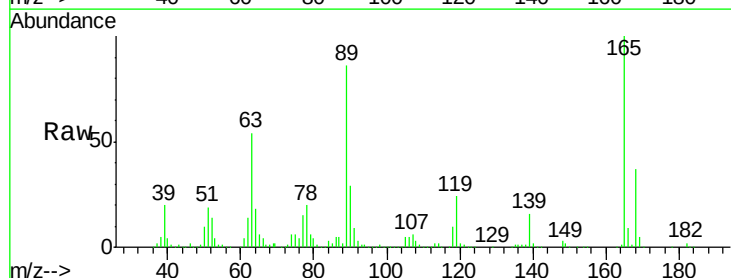
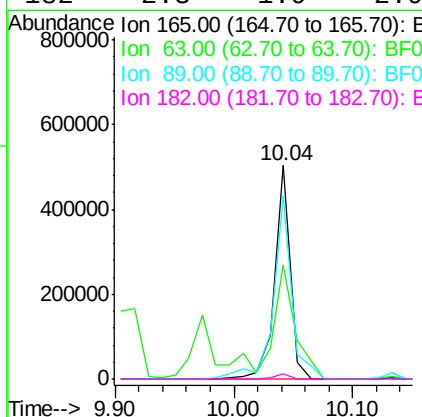
Instrument :
BNA_F
ClientSampleId :
PB95152BSD

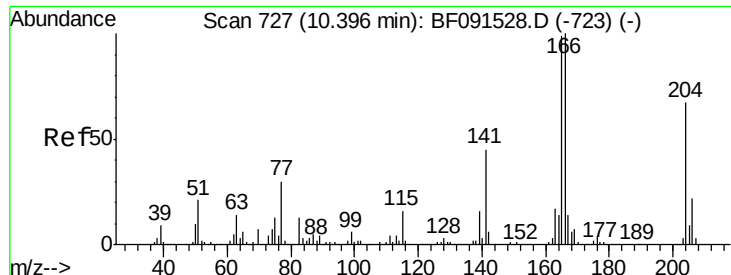
Tgt Ion:139 Resp: 592218
Ion Ratio Lower Upper
139 100
109 76.5 54.9 94.9
65 107.8 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 43.95 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:165 Resp: 460397
Ion Ratio Lower Upper
165 100
63 53.6 29.0 43.4#
89 85.7 43.1 64.7#
182 2.3 1.9 2.9

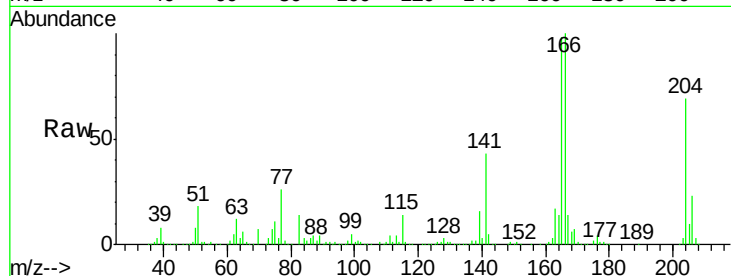




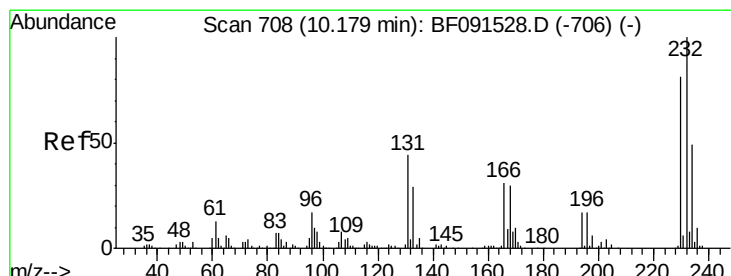
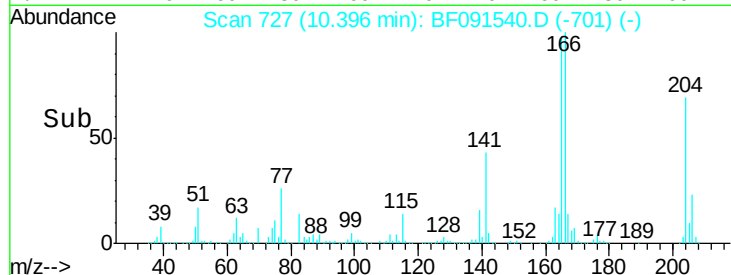
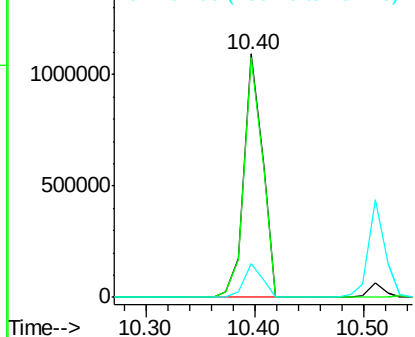
#57
 Fluorene
 Concen: 40.57 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tgt Ion:166 Resp: 1296367
 Ion Ratio Lower Upper
 166 100
 165 98.5 80.0 120.0
 167 14.0 10.8 16.2

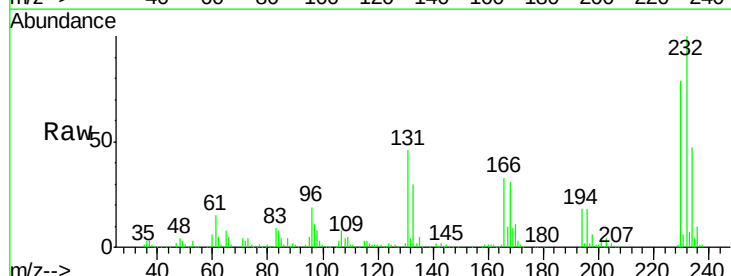


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

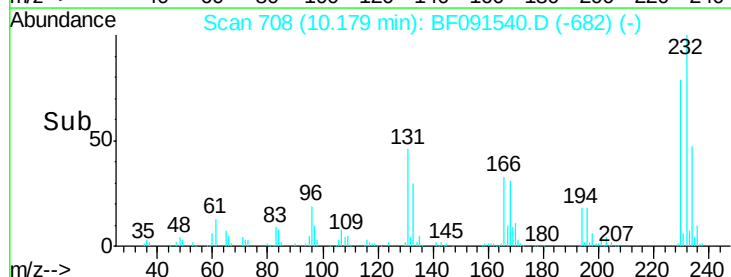
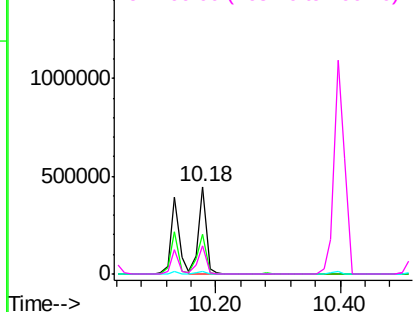


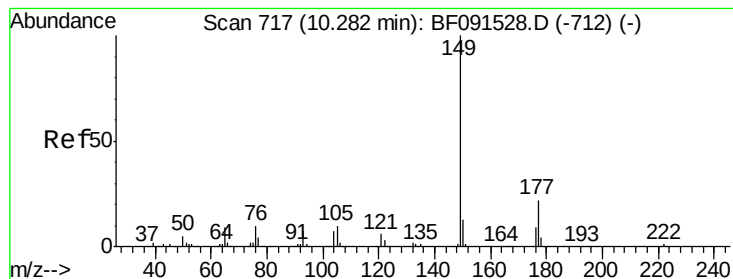
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.89 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:232 Resp: 399824
 Ion Ratio Lower Upper
 232 100
 131 51.1 38.4 57.6
 130 2.6 1.8 2.8
 166 33.7 23.9 35.9



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: 44.57 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

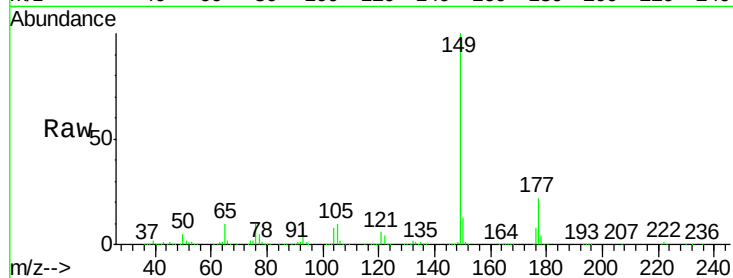
Tgt Ion:149 Resp: 1634361

Ion Ratio Lower Upper

149 100

177 21.9 15.7 23.5

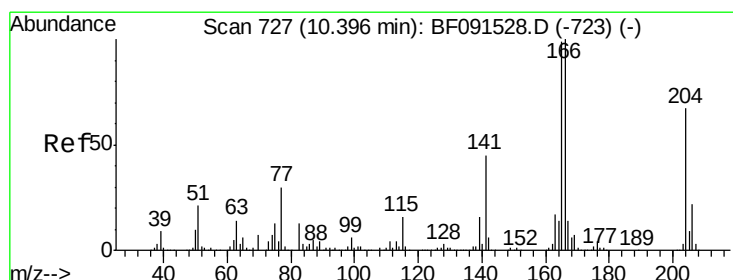
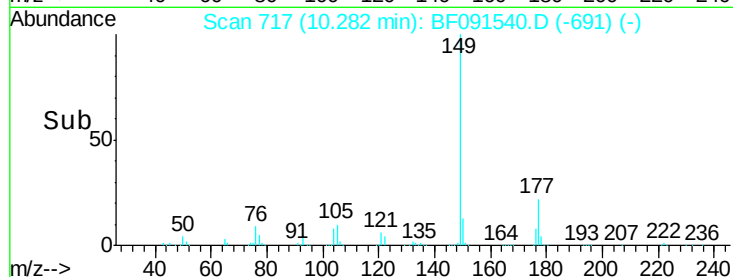
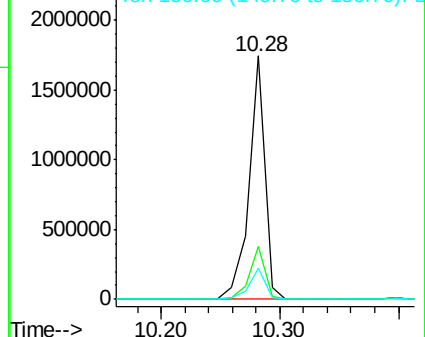
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.72 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

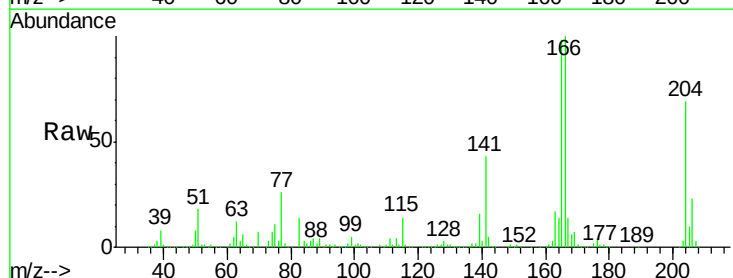
Tgt Ion:204 Resp: 678662

Ion Ratio Lower Upper

204 100

206 33.7 26.1 39.1

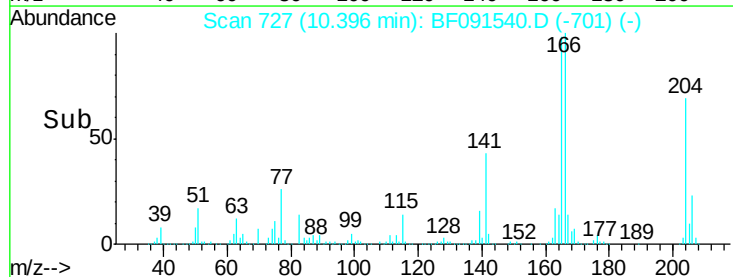
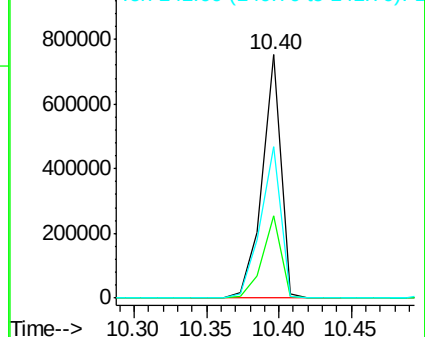
141 62.1 40.6 61.0#

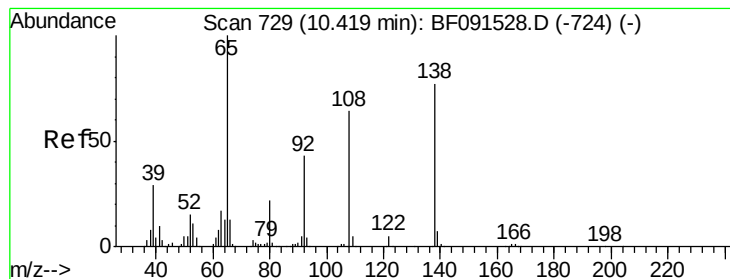


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.50 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

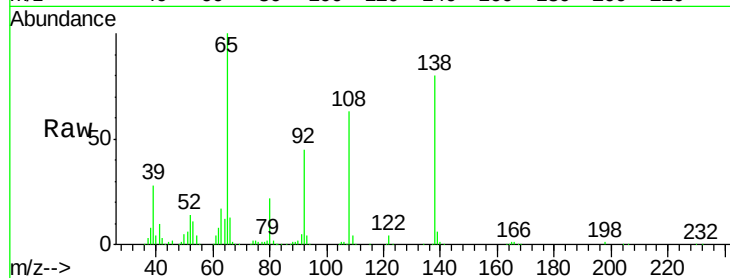
Tgt Ion:138 Resp: 356105

Ion Ratio Lower Upper

138 100

92 55.5 26.9 66.9

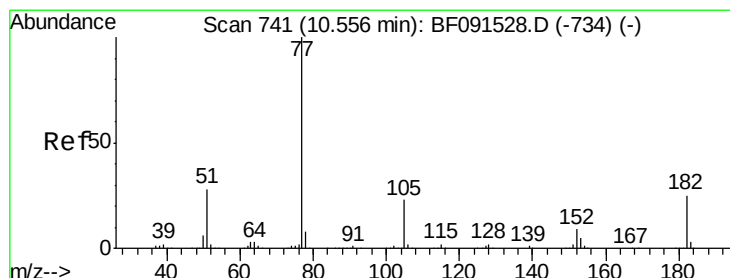
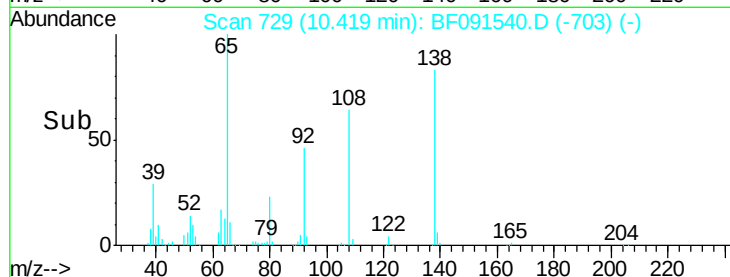
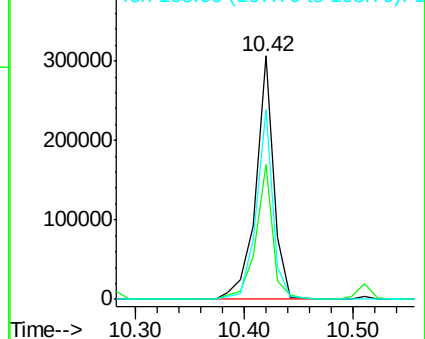
108 78.1 49.1 89.1



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: 46.00 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion: 77 Resp: 1911136

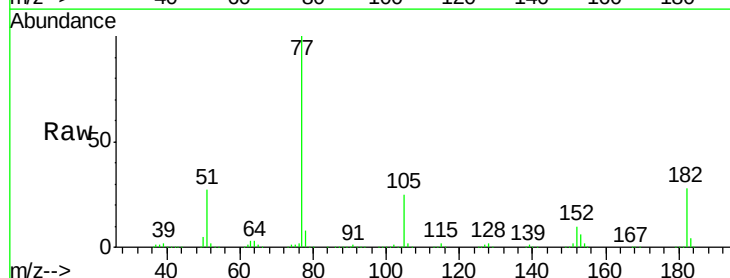
Ion Ratio Lower Upper

77 100

182 28.1 12.5 52.5

105 24.9 3.7 43.7

51 26.6 11.9 51.9

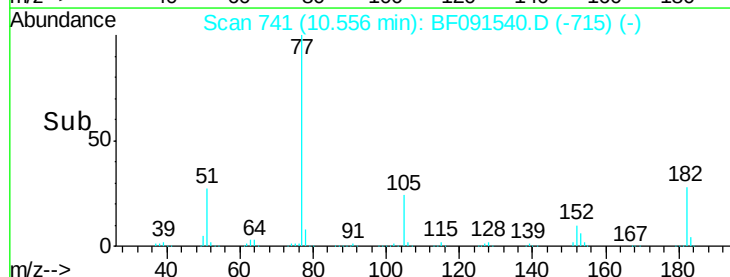
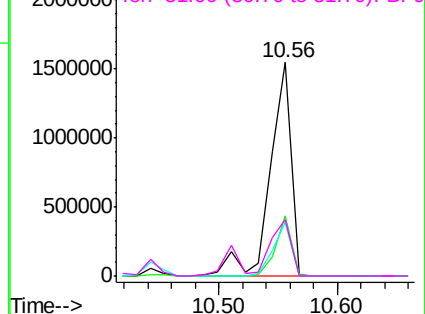


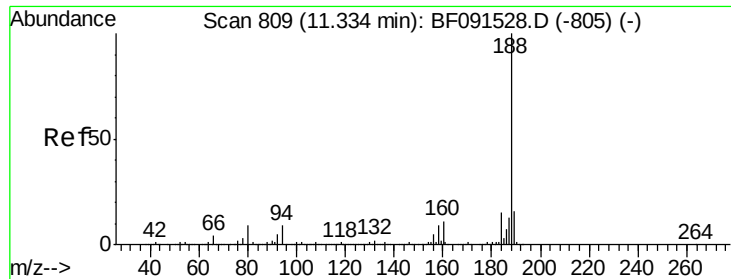
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

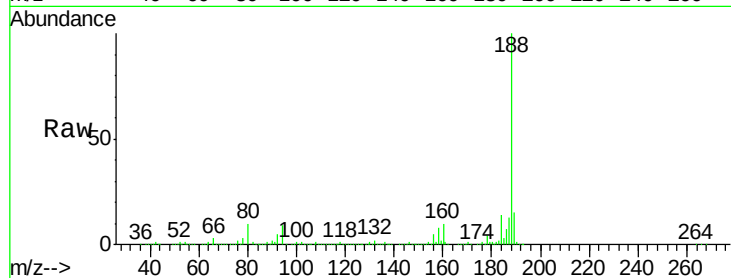
Tgt Ion:188 Resp: 985022

Ion Ratio Lower Upper

188 100

94 9.0 9.2 13.8#

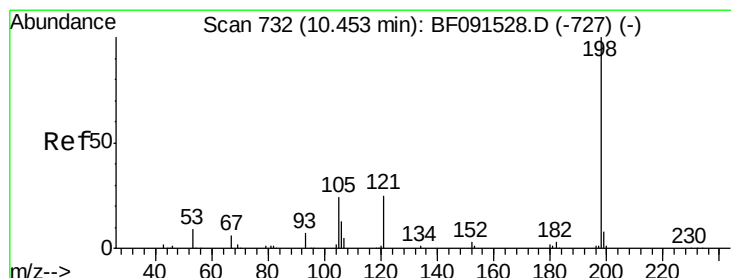
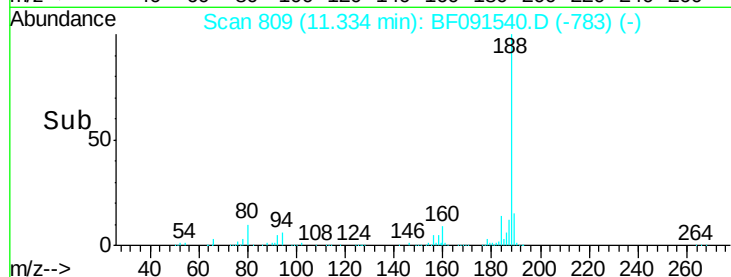
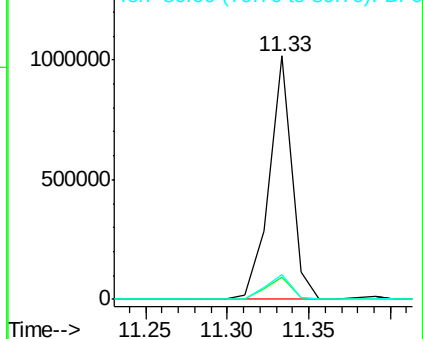
80 9.9 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.74 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

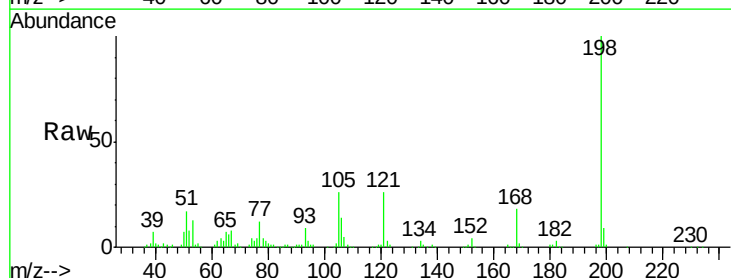
Tgt Ion:198 Resp: 240907

Ion Ratio Lower Upper

198 100

51 16.8 77.1 117.1#

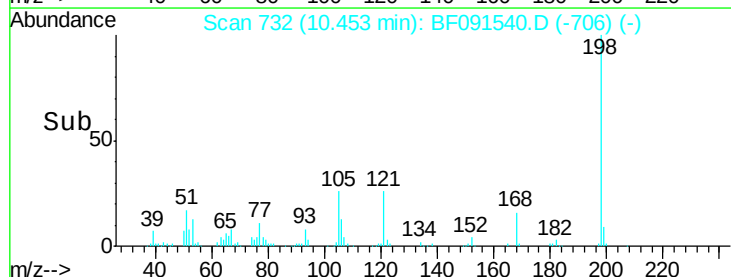
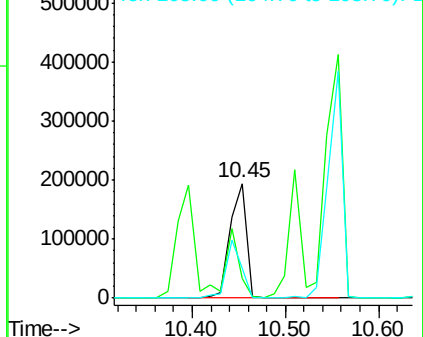
105 26.3 44.8 84.8#

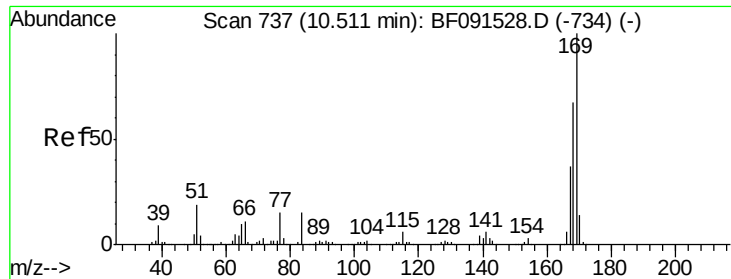


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.77 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

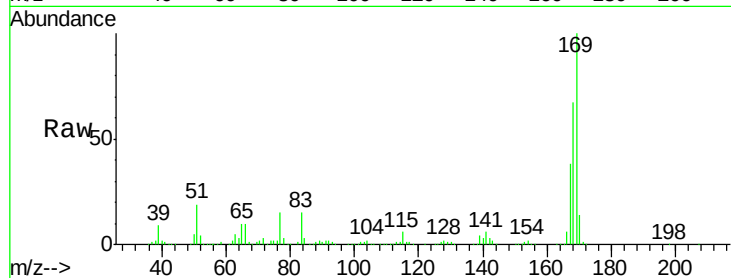
Tgt Ion:169 Resp: 1226692

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

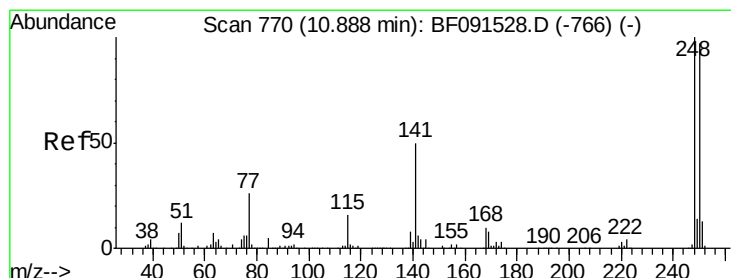
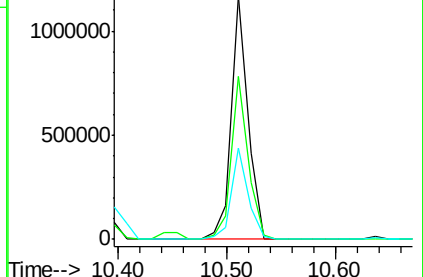
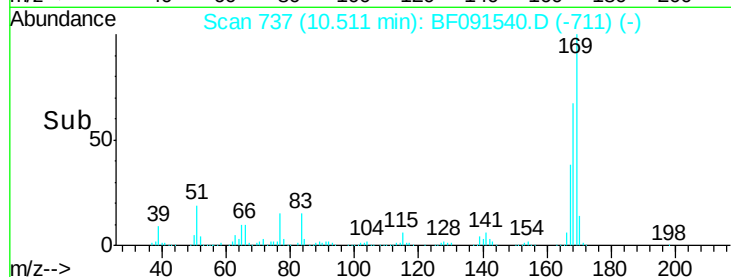
167 37.5 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.54 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

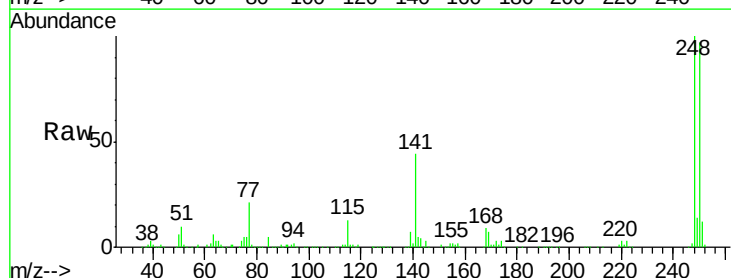
Tgt Ion:248 Resp: 439684

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

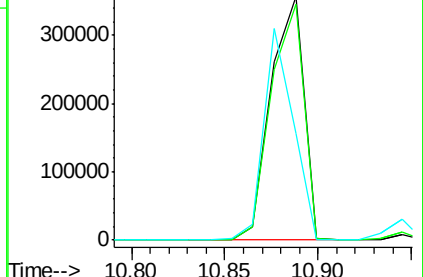
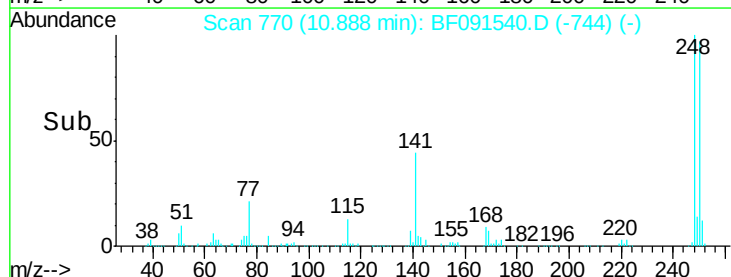
141 43.9 71.9 107.9#

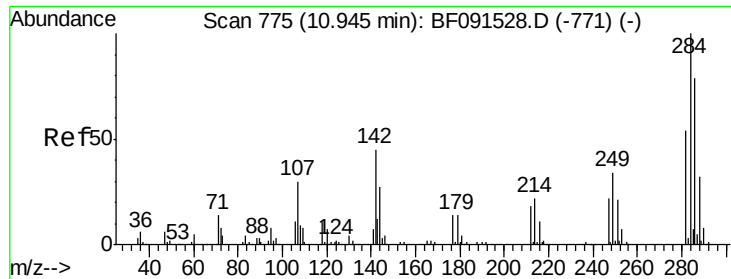


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

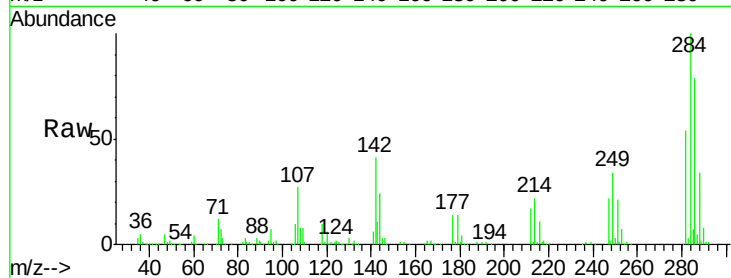




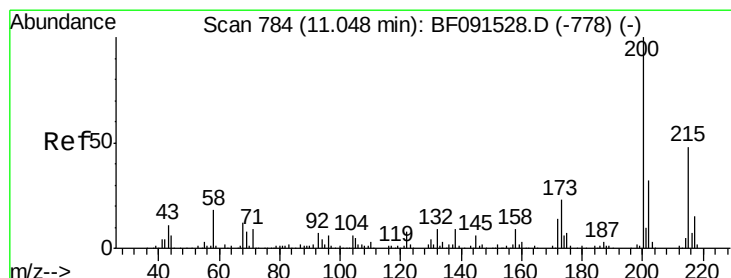
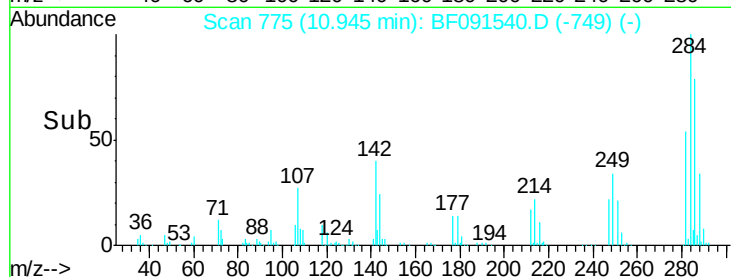
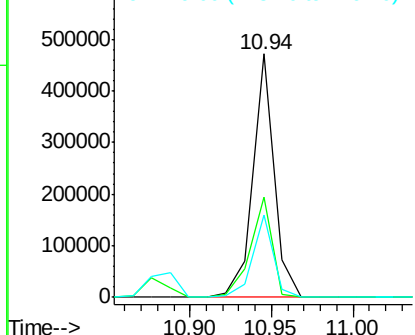
#67
Hexachlorobenzene
Concen: 40.55 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tgt Ion:284 Resp: 425795
Ion Ratio Lower Upper
284 100
142 41.3 17.9 26.9#
249 34.0 23.6 35.4

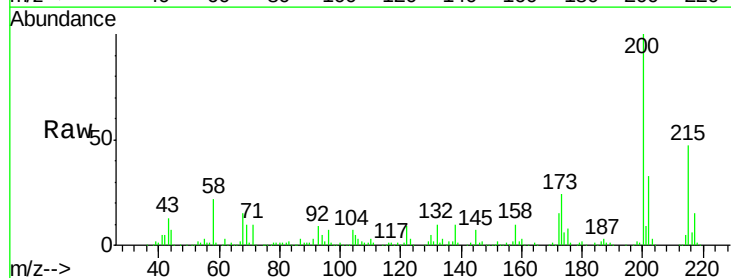


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

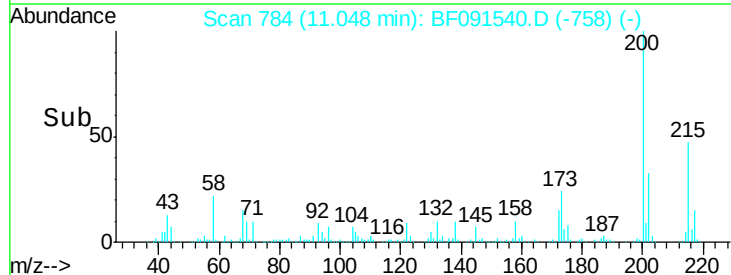
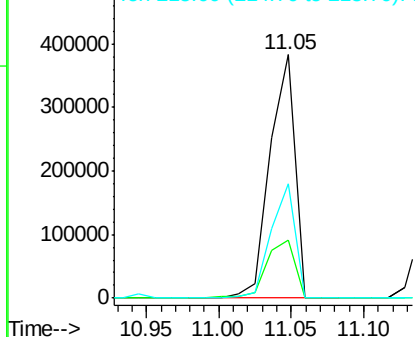


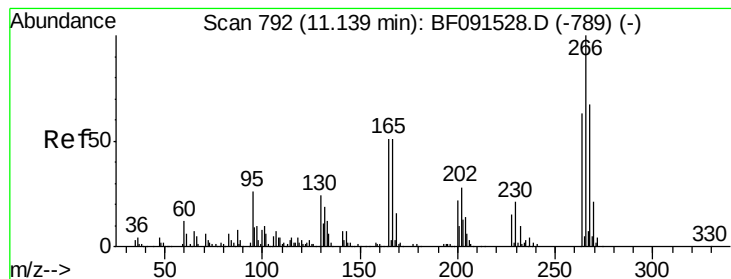
#68
Atrazine
Concen: 48.37 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:200 Resp: 456692
Ion Ratio Lower Upper
200 100
173 24.0 7.8 47.8
215 46.7 24.3 64.3



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: 78.50 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

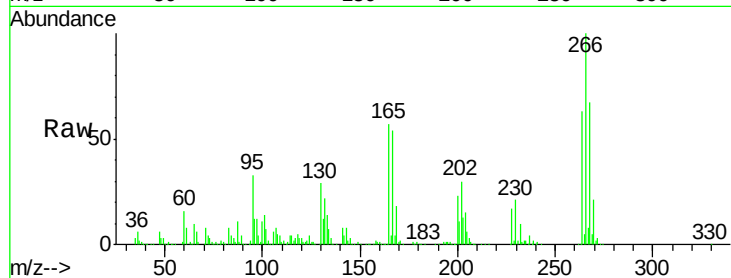
Tgt Ion:266 Resp: 463933

Ion Ratio Lower Upper

266 100

268 66.6 50.3 75.5

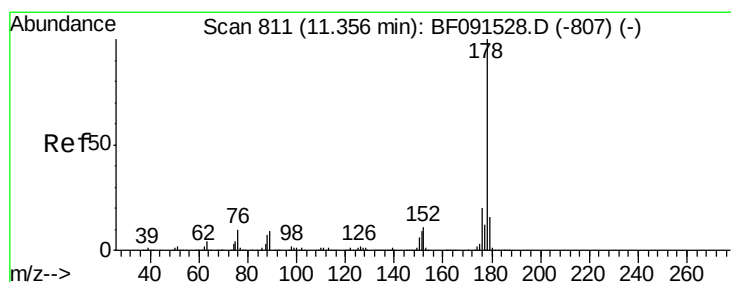
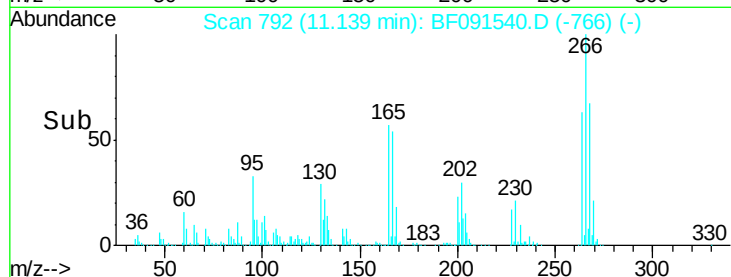
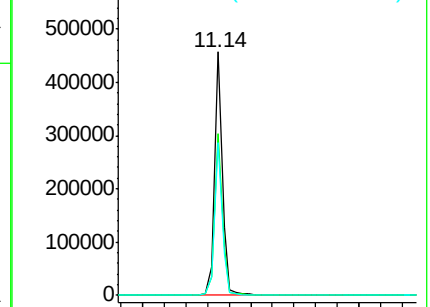
264 62.9 48.2 72.2



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: 40.58 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

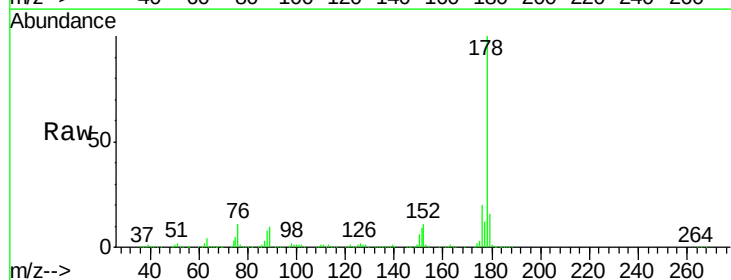
Tgt Ion:178 Resp: 1979563

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

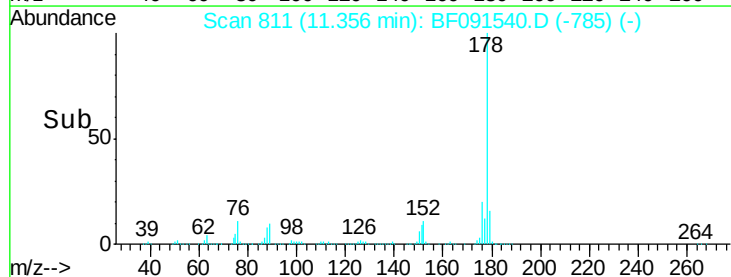
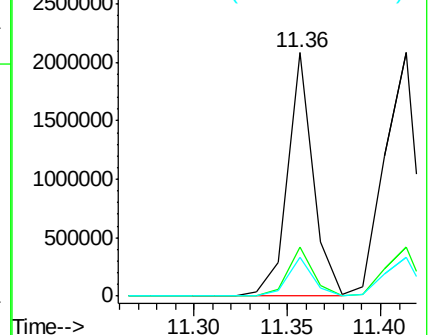
179 16.2 12.6 18.8

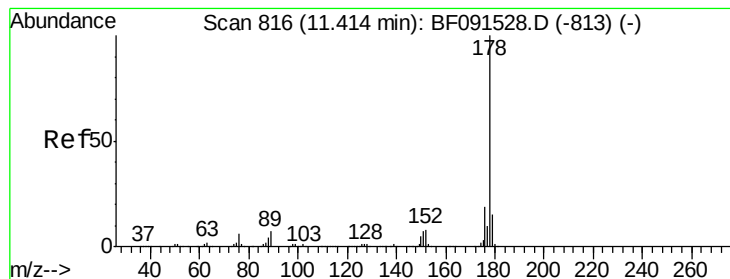


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.37 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

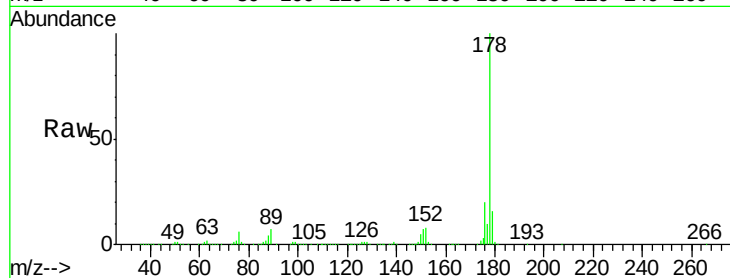
Tgt Ion:178 Resp: 2334429

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

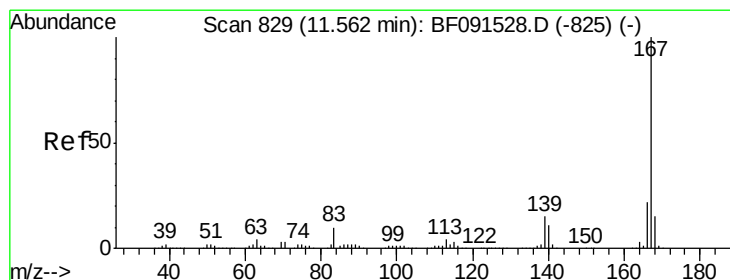
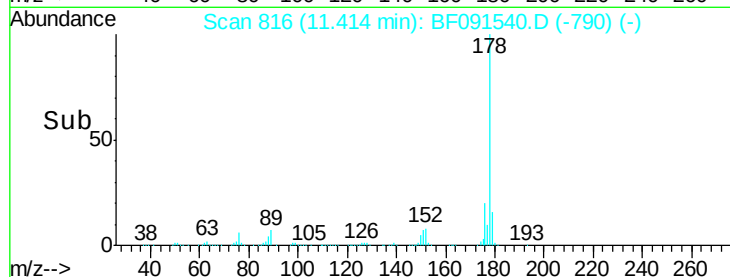
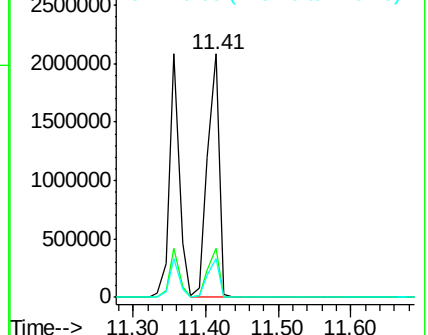
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.75 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

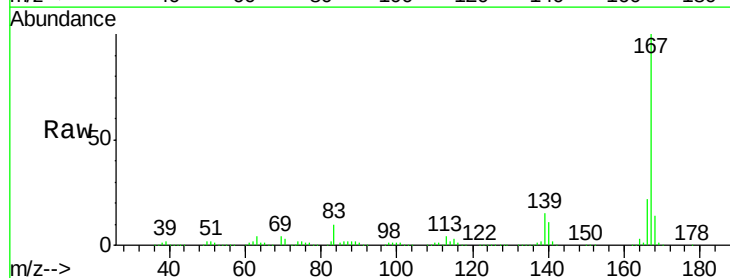
Tgt Ion:167 Resp: 1787029

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

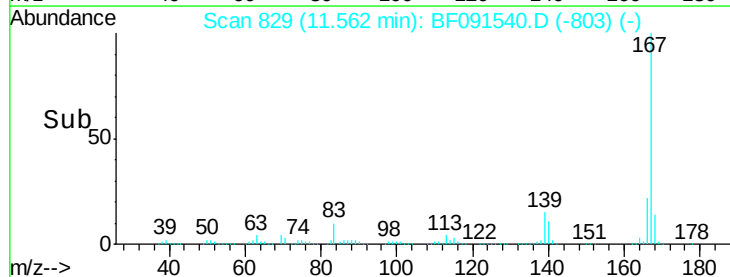
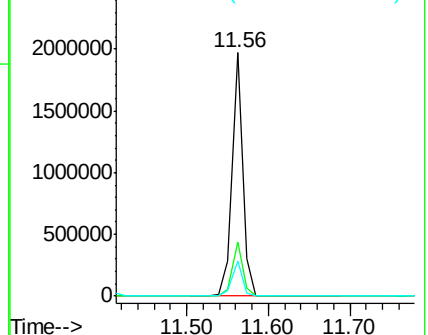
139 14.6 11.5 17.3

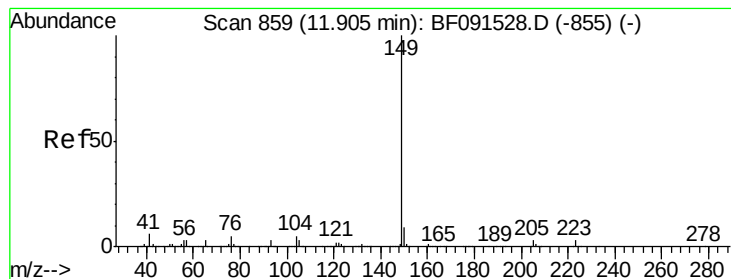


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.57 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

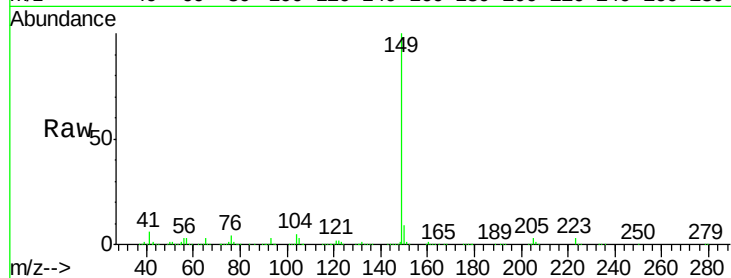
Tgt Ion:149 Resp: 2448808

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

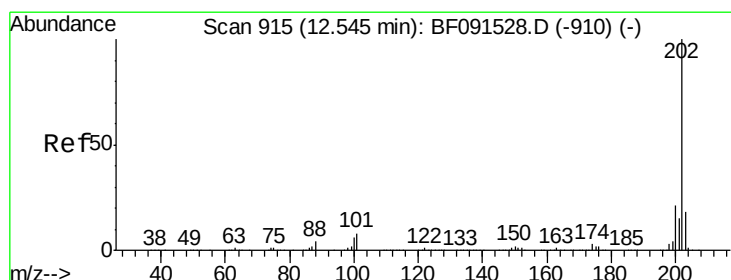
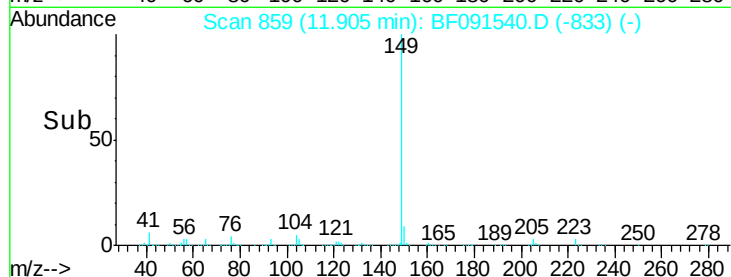
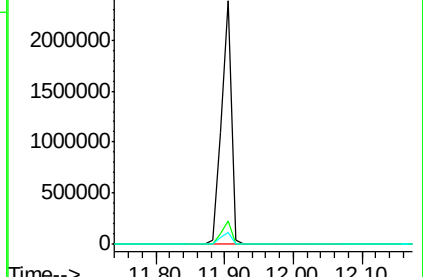
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.56 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

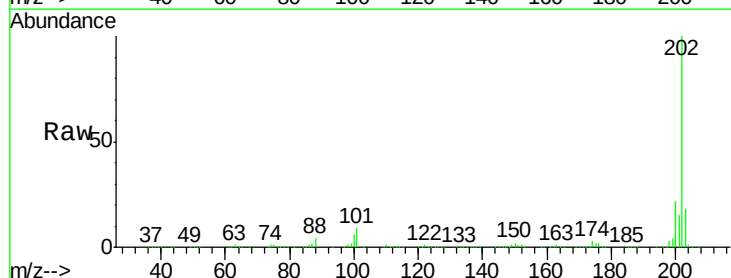
Tgt Ion:202 Resp: 2276072

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.5

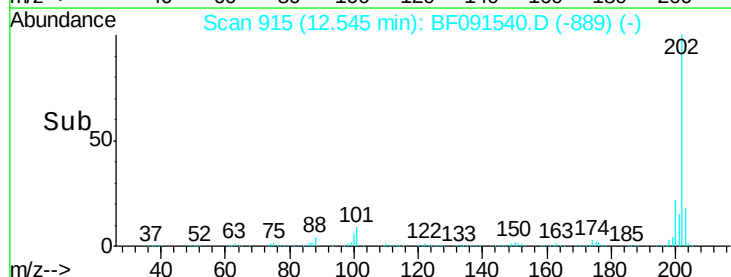
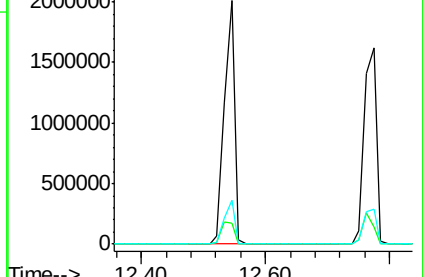
203 18.0 0.0 37.8

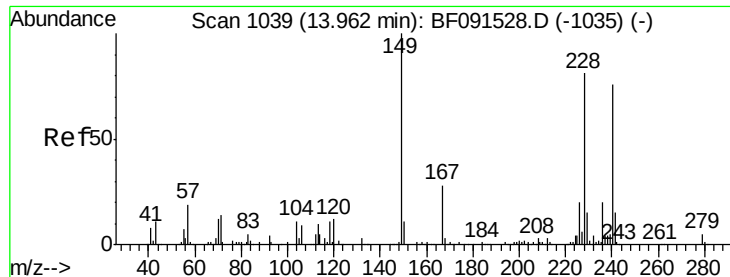


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

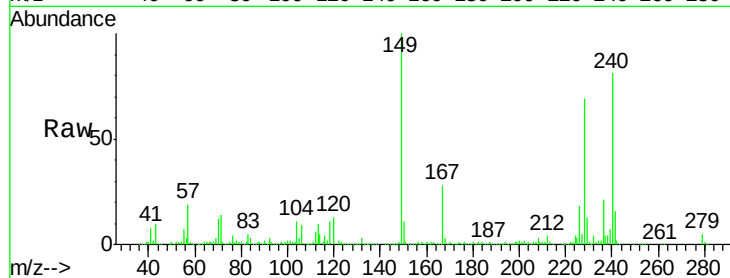
Tgt Ion:240 Resp: 635694

Ion Ratio Lower Upper

240 100

120 15.8 12.1 18.1

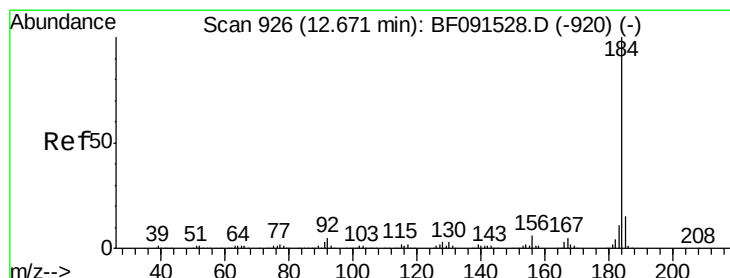
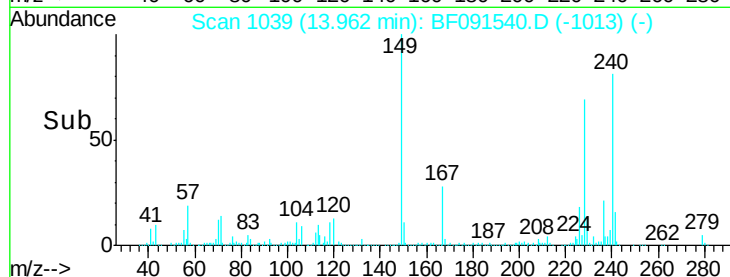
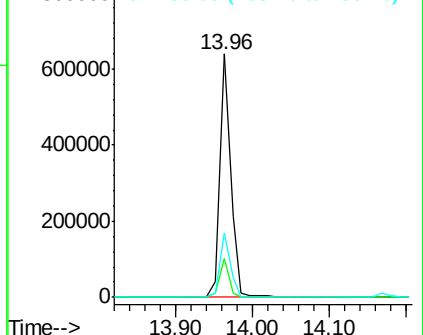
236 26.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.09 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

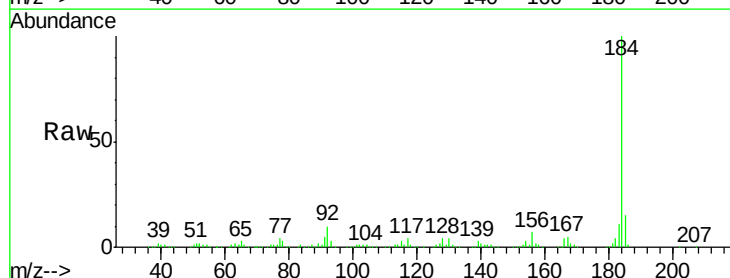
Tgt Ion:184 Resp: 611079

Ion Ratio Lower Upper

184 100

185 15.4 13.1 19.7

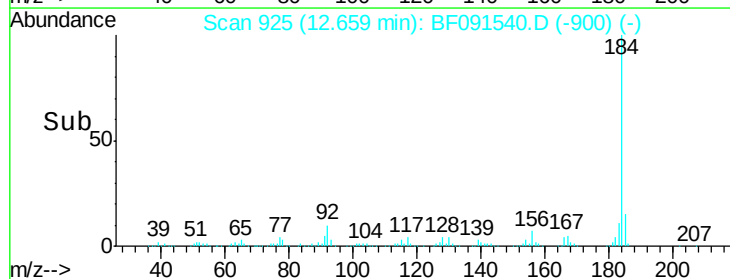
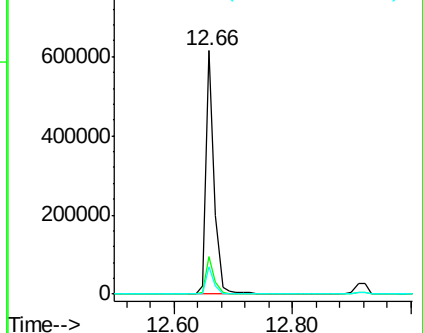
183 11.4 8.9 13.3

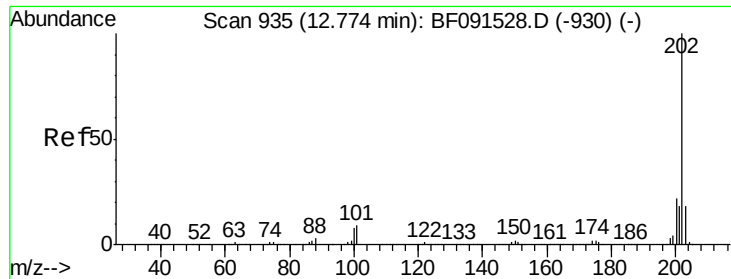


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

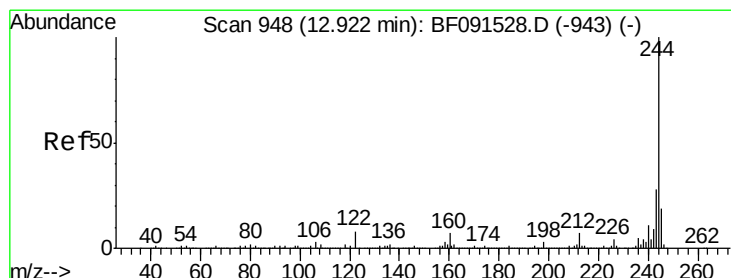
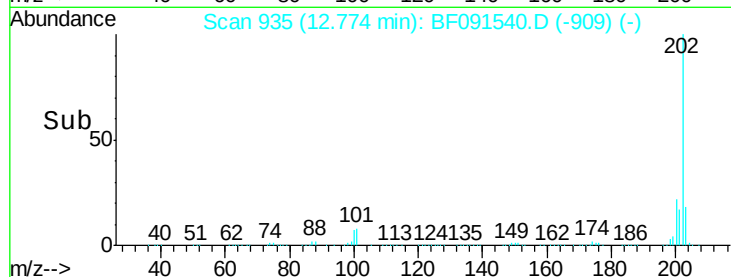
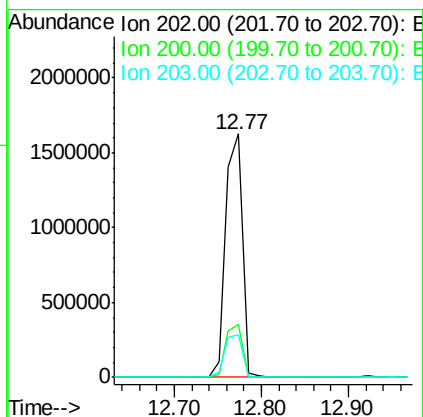
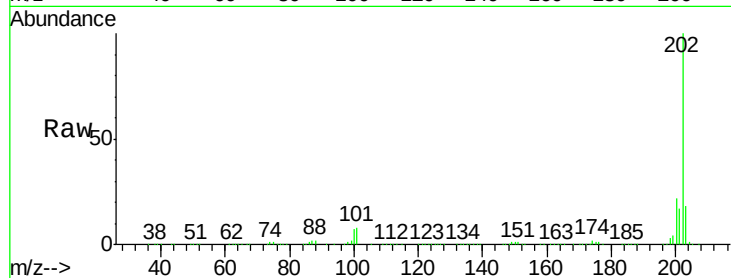




#77
 Pyrene
 Concen: 43.39 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

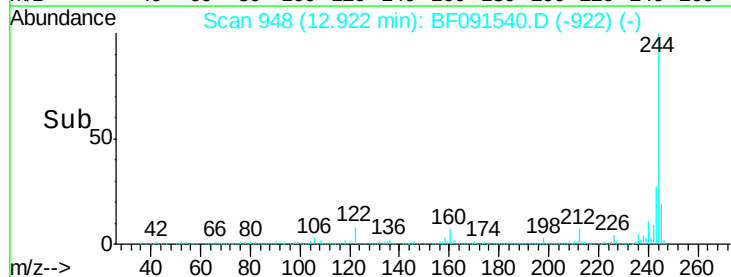
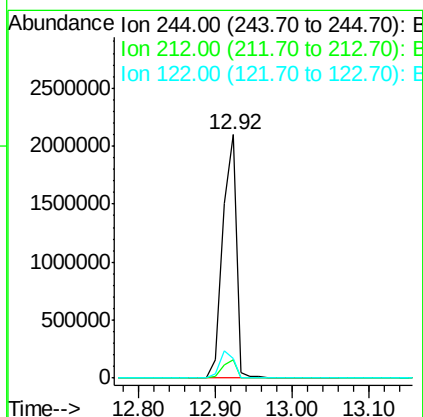
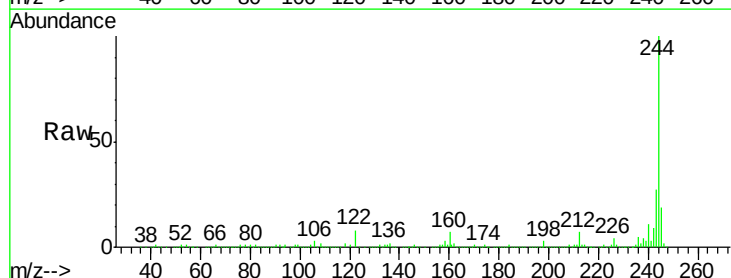
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

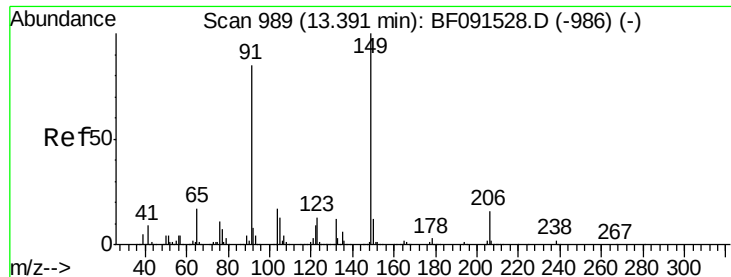
Tgt Ion: 202 Resp: 2188320
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.7 14.0 21.0



#78
 Terphenyl-d14
 Concen: 94.49 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion: 244 Resp: 2647213
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.2 9.5 14.3#

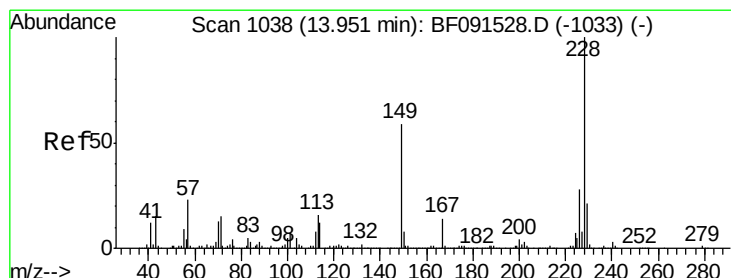
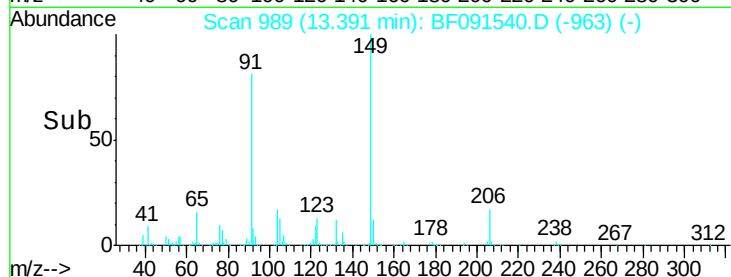
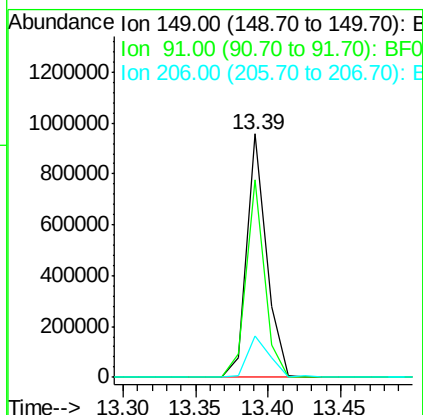
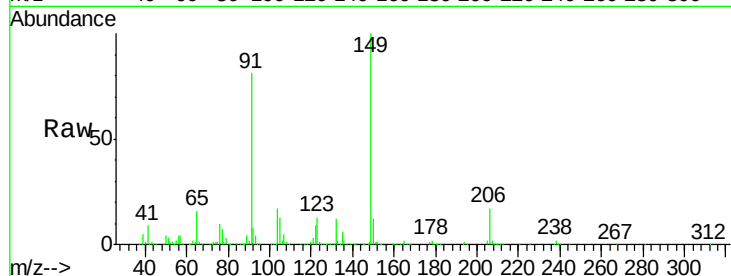




#79
Butylbenzylphthalate
Concen: 46.30 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

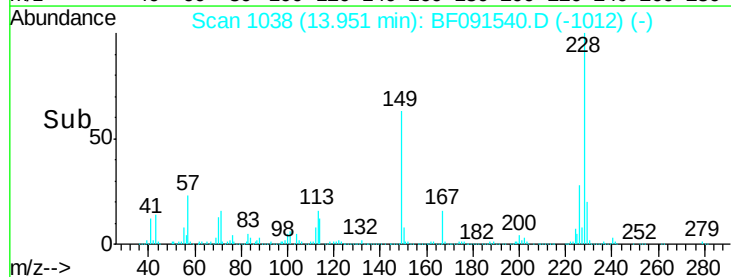
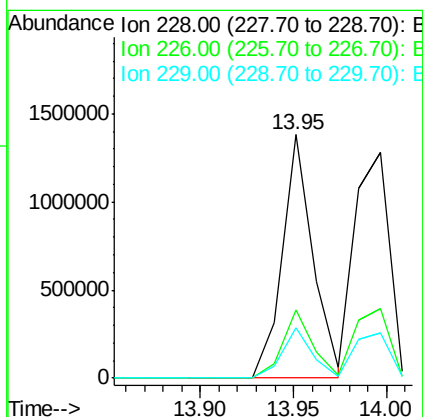
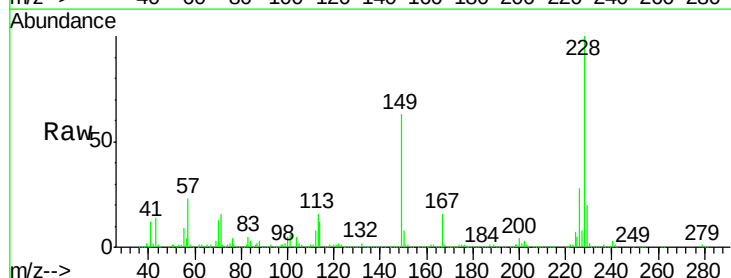
Instrument :
BNA_F
ClientSampleId :
PB95152BSD

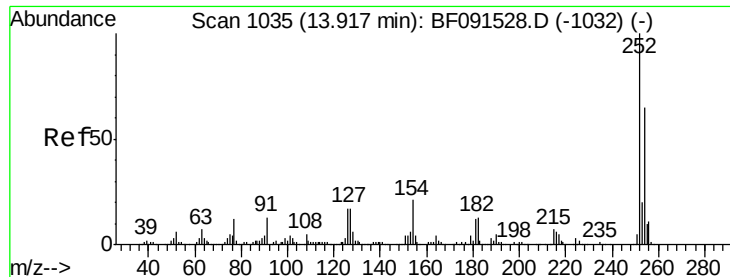
Tgt Ion:149 Resp: 910286
Ion Ratio Lower Upper
149 100
91 80.9 57.4 86.2
206 16.9 15.4 23.2



#80
Benzo(a)anthracene
Concen: 42.98 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:228 Resp: 1586560
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.4 16.4 24.6

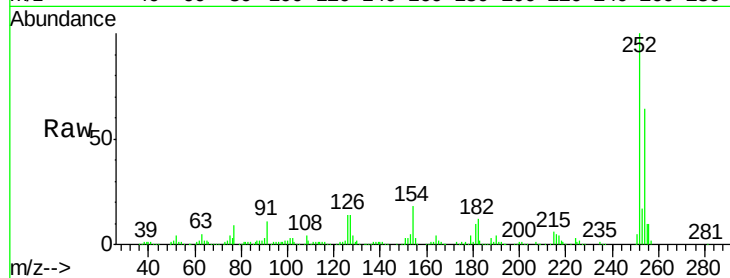




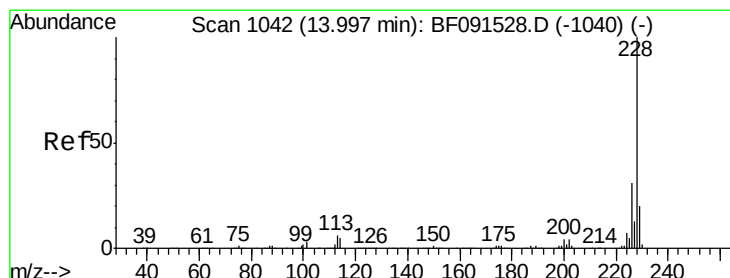
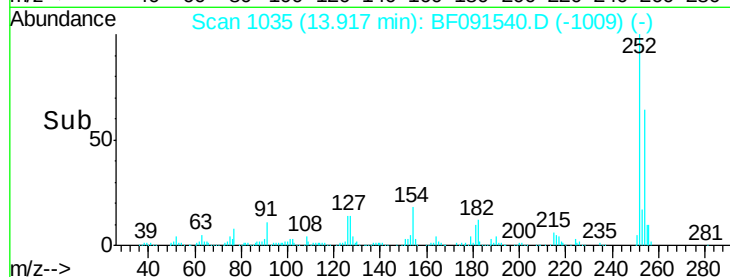
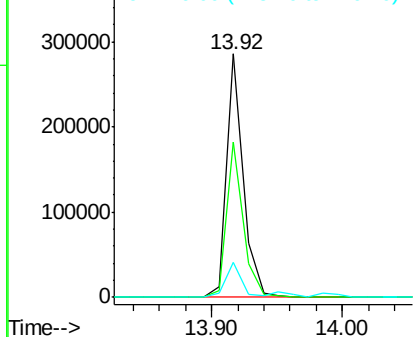
#81
 3,3'-Dichlorobenzidine
 Concen: 19.20 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tgt Ion:252 Resp: 254522
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.1 78.1
 126 14.2 7.5 11.3#

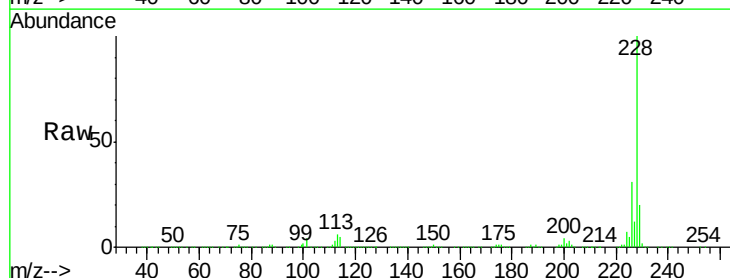


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

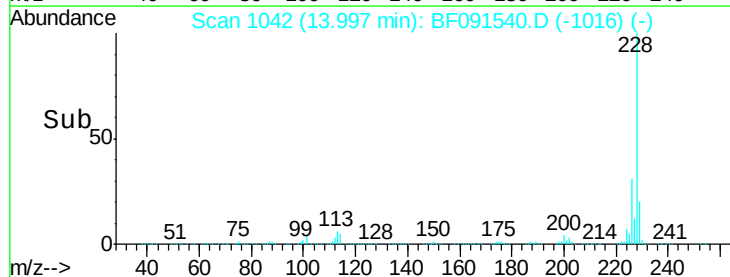
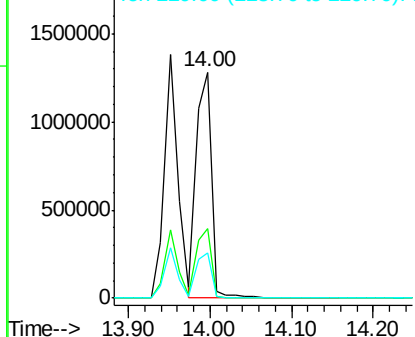


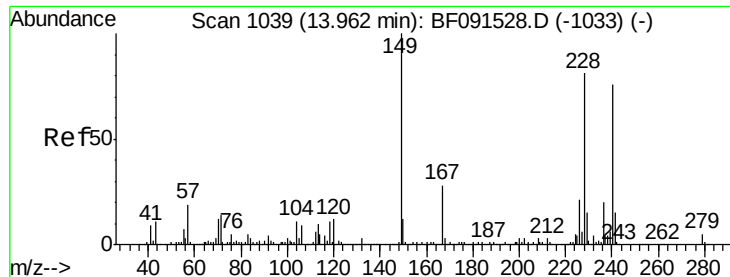
#82
 Chrysene
 Concen: 43.73 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:228 Resp: 1689147
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.4
 229 19.9 16.0 24.0



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

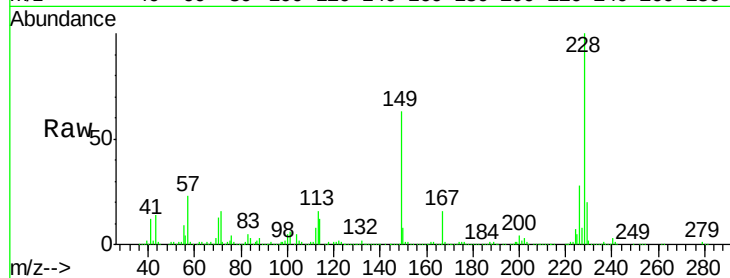




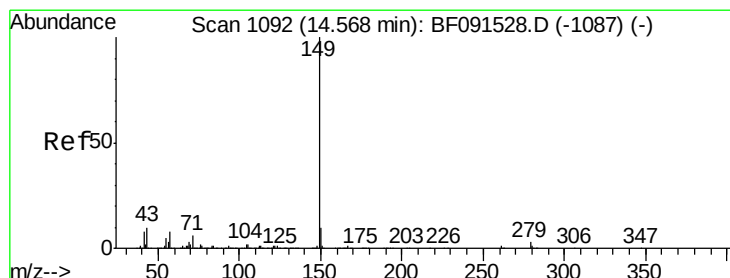
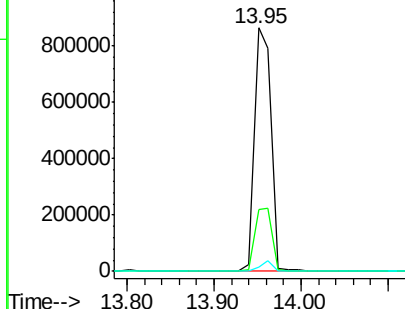
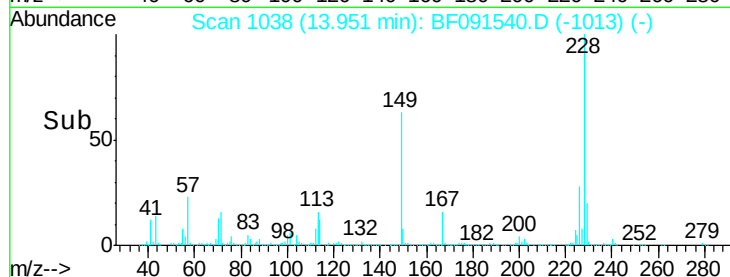
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.60 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tgt Ion:149 Resp: 1175446
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.6 29.4
 279 2.0 1.9 2.9

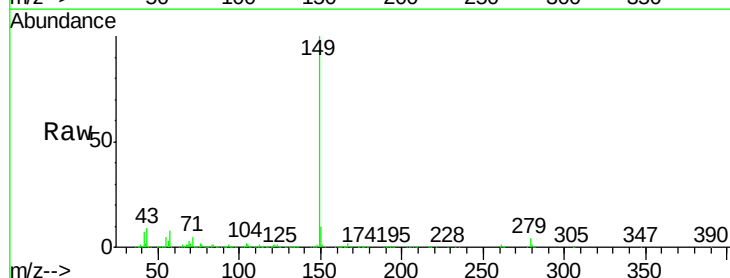


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

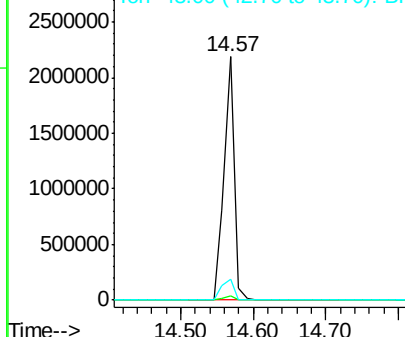
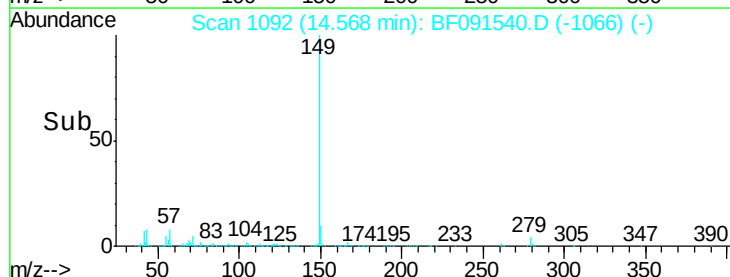


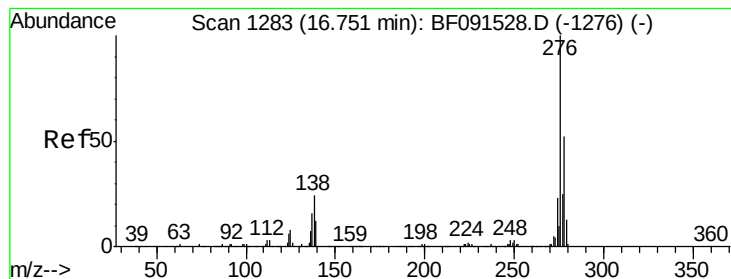
#84
 Di-n-octyl phthalate
 Concen: 50.15 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:149 Resp: 2147064
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 11.9 17.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.49 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

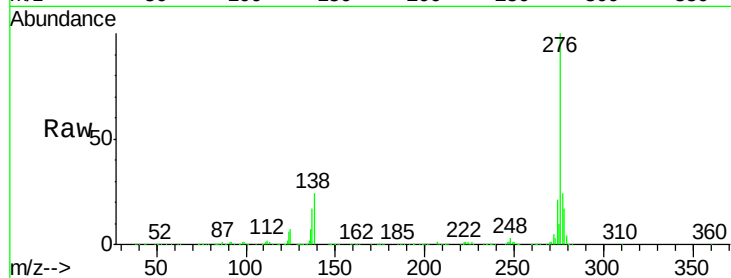
Tgt Ion:276 Resp: 1511669

Ion Ratio Lower Upper

276 100

138 26.7 21.0 31.4

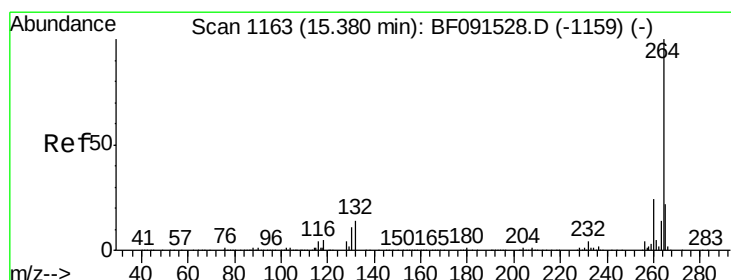
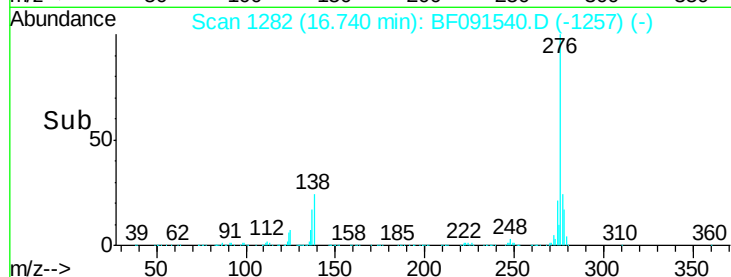
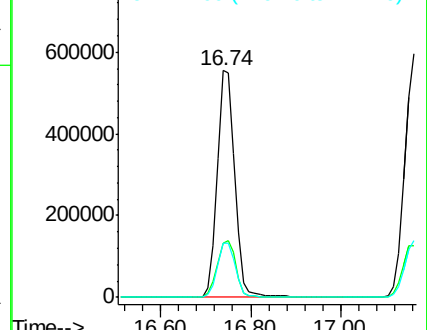
277 25.0 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

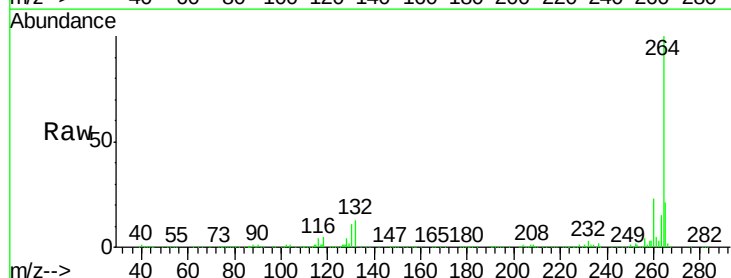
Tgt Ion:264 Resp: 636760

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

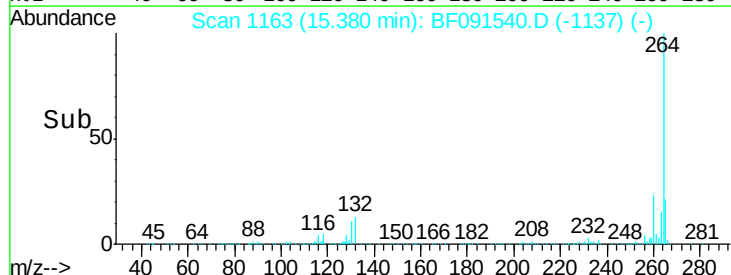
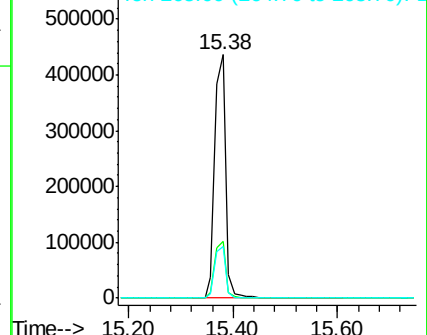
265 21.3 17.0 25.6

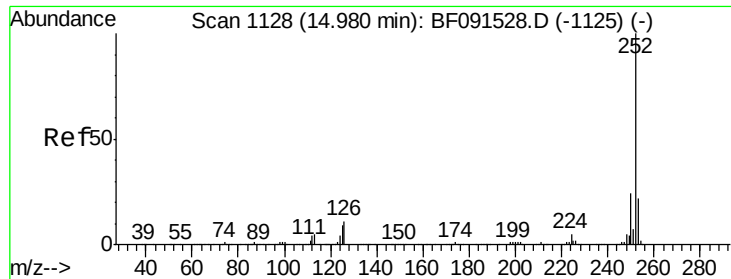


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

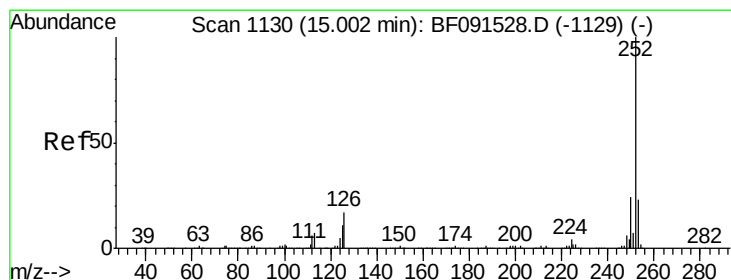
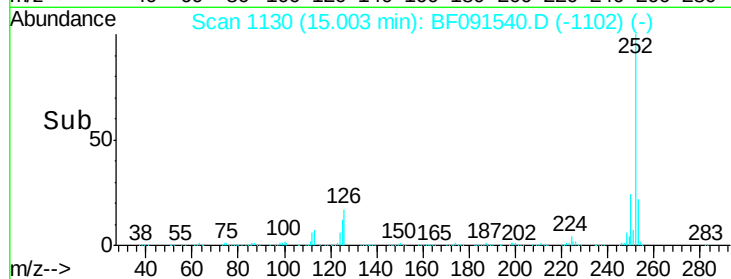
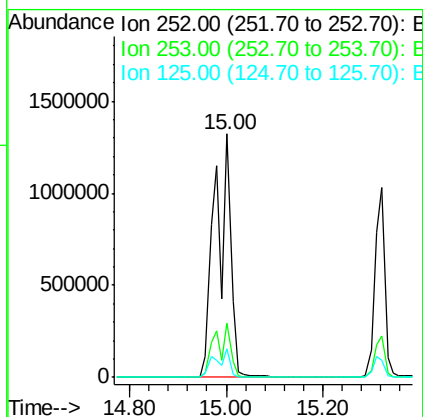
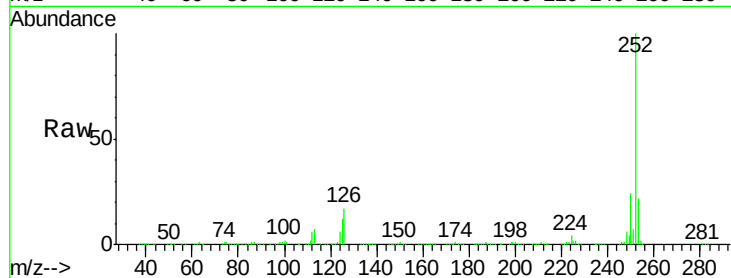




#87
Benzo(b)fluoranthene
Concen: 78.94 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

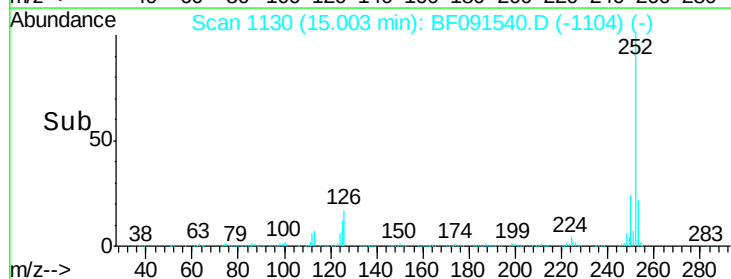
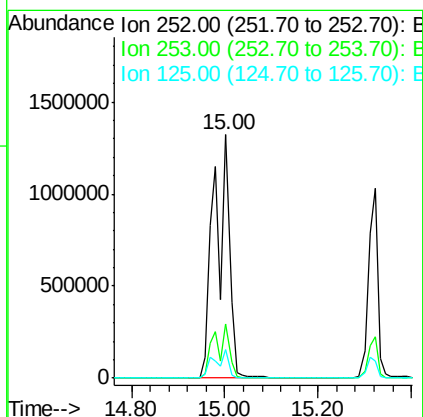
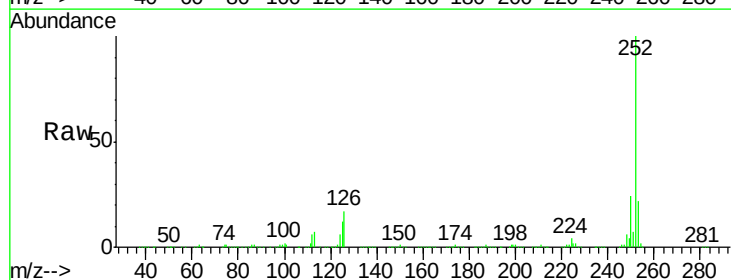
Instrument :
BNA_F
ClientSampleId :
PB95152BSD

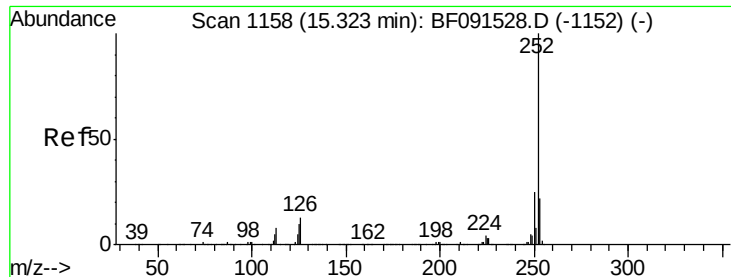
Tgt Ion:252 Resp: 2996638
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.8 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 89.82 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:252 Resp: 2997739
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.8 9.6 14.4





#89

Benzo(a)pyrene

Concen: 42.94 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

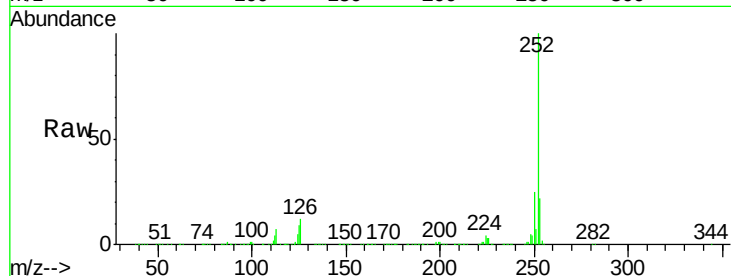
Tgt Ion:252 Resp: 1468549

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

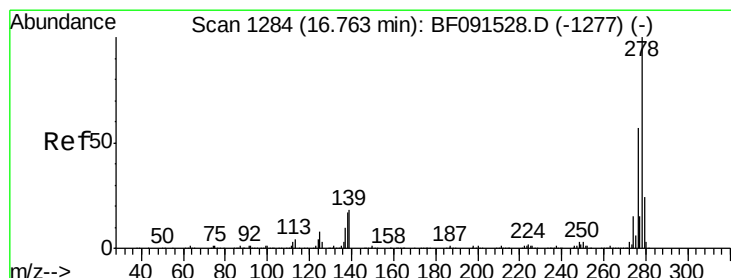
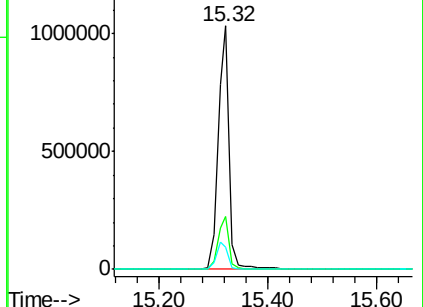
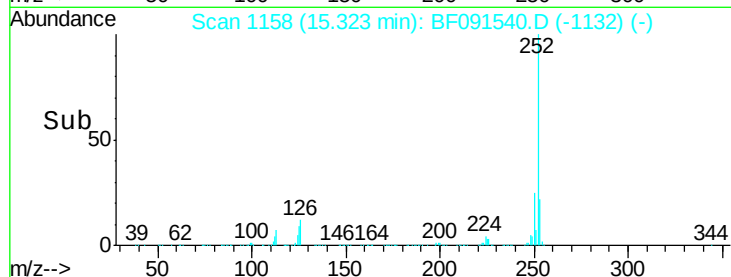
125 9.2 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.37 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

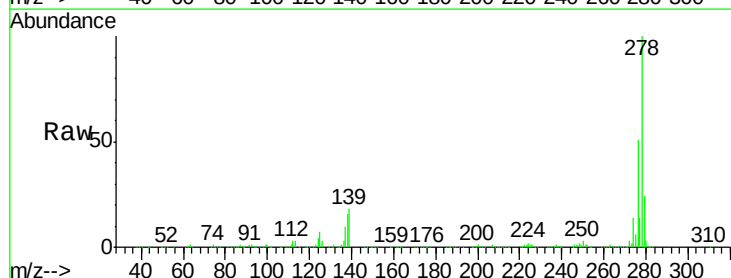
Tgt Ion:278 Resp: 1236616

Ion Ratio Lower Upper

278 100

139 17.8 15.1 22.7

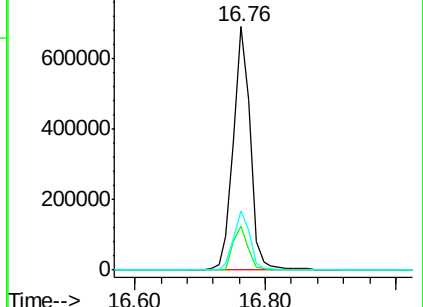
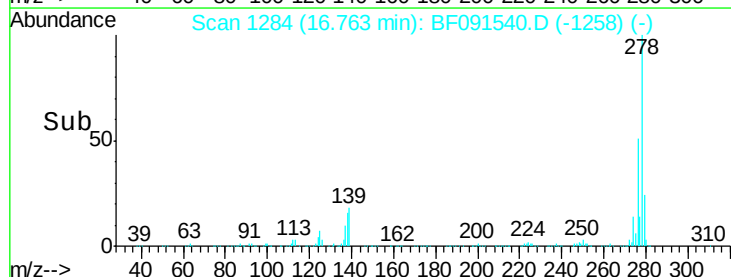
279 24.2 19.0 28.6

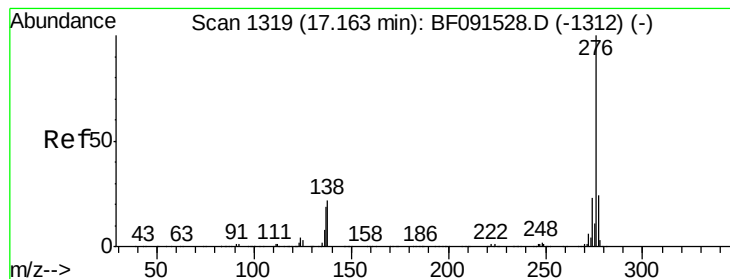


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.79 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF091540.D

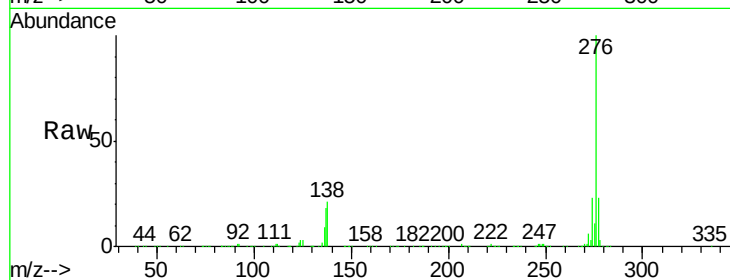
Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD



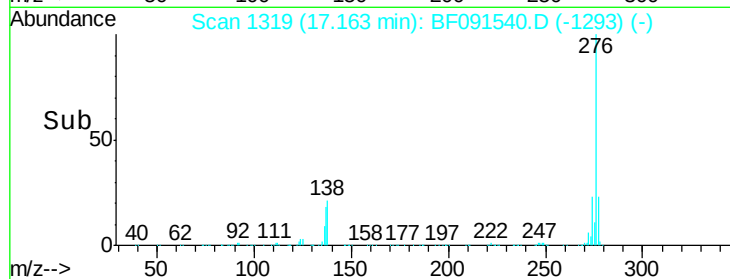
Tgt Ion: 276 Resp: 1271574

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 21.1 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

