

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091579.D
 Acq On : 14 Dec 2016 4:43
 Operator : UM/SJ
 Sample : PB95306BSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 06:28:02 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	6.82	152	534659	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1971312	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	1037524	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1442773	20.00	ng	0.00
75) Chrysene-d12	13.96	240	864443	20.00	ng	0.00
86) Perylene-d12	15.39	264	1076197	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1423830	44.87	ng	0.01
7) Phenol-d6	6.45	99	1681384	42.50	ng	0.00
23) Nitrobenzene-d5	7.38	82	1893866	53.62	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	349812	40.59	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3018330	50.27	ng	0.00
78) Terphenyl-d14	12.92	244	2198285	57.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	316829	18.92	ng	# 84
3) Pyridine	3.16	79	928551	20.81	ng	# 81
4) n-Nitrosodimethylamine	3.12	42	452298	23.59	ng	# 62
6) Aniline	6.48	93	843432	16.26	ng	# 86
8) 2-Chlorophenol	6.60	128	884788	24.70	ng	98
9) Benzaldehyde	6.35	77	161894	5.95	ng	93
10) Phenol	6.46	94	969486	20.96	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	936728	26.96	ng	# 81
12) 1,3-Dichlorobenzene	6.99	146	853811	21.98	ng	96
13) 1,4-Dichlorobenzene	6.83	146	887344	23.16	ng	97
14) 1,2-Dichlorobenzene	6.83	146	887344	25.70	ng	97
15) Benzyl Alcohol	6.96	79	731690	23.42	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1325310	24.61	ng	82
17) 2-Methylphenol	7.08	107	725678	24.48	ng	# 75
18) Hexachloroethane	7.33	117	344885	23.06	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	647268	26.16	ng	# 70
20) 3+4-Methylphenols	7.23	107	833230	24.62	ng	# 58
22) Acetophenone	7.23	105	1216676	25.76	ng	# 96
24) Nitrobenzene	7.40	77	1013339	27.15	ng	# 86
25) Isophorone	7.64	82	1694353	26.99	ng	99
26) 2-Nitrophenol	7.72	139	480419	29.17	ng	# 67
27) 2,4-Dimethylphenol	7.77	122	818042	28.28	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	1137858	30.90	ng	98
29) 2,4-Dichlorophenol	7.96	162	685146	27.22	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	713880	24.96	ng	99
31) Naphthalene	8.12	128	2204199	24.03	ng	99
32) Benzoic acid	7.88	122	417183	22.94	ng	94
33) 4-Chloroaniline	8.17	127	379404	9.60	ng	98
34) Hexachlorobutadiene	8.25	225	420710	25.66	ng	99
35) Caprolactam	8.54	113	178050	24.22	ng	# 60
36) 4-Chloro-3-methylphenol	8.67	107	770609	27.30	ng	# 83
37) 2-Methylnaphthalene	8.82	142	1604614	27.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	617339	21.69	ng	99
40) Hexachlorocyclopentadiene	8.97	237	526985	41.54	ng	100

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 Misc :
 ALS Vial : 33 Sample Multiplier: 1

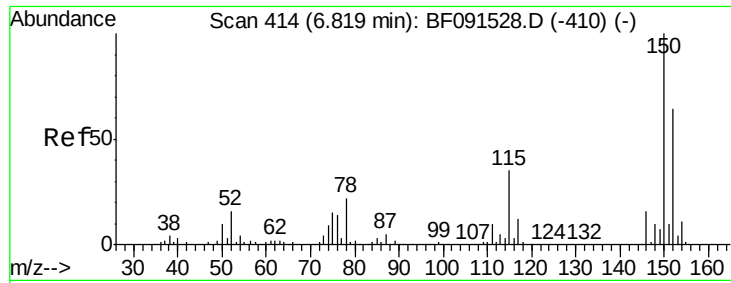
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 06:28:02 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)

42) 2,4,6-Trichlorophenol	9.09	196	432807	23.67	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	445231	23.70	ng	# 88
45) 1,1'-Biphenyl	9.28	154	1701195	22.64	ng	99
46) 2-Chloronaphthalene	9.30	162	1314147	22.58	ng	98
47) 2-Nitroaniline	9.40	65	502673	25.69	ng	90
48) Acenaphthylene	9.72	152	2140808	24.13	ng	100
49) Dimethylphthalate	9.58	163	1647859	25.08	ng	98
50) 2,6-Dinitrotoluene	9.64	165	368243	25.54	ng	# 89
51) Acenaphthene	9.89	154	1483598	24.08	ng	97
52) 3-Nitroaniline	9.80	138	225169	13.29	ng	85
53) 2,4-Dinitrophenol	9.92	184	220697	35.34	ng	# 81
54) Dibenzofuran	10.06	168	1902214	24.95	ng	92
55) 4-Nitrophenol	9.98	139	599179	47.55	ng	# 58
56) 2,4-Dinitrotoluene	10.04	165	451752	24.99	ng	# 67
57) Fluorene	10.40	166	1326515	21.79	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	366868	24.94	ng	94
59) Diethylphthalate	10.28	149	1600202	25.30	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	643188	23.47	ng	# 87
61) 4-Nitroaniline	10.42	138	329760	19.59	ng	95
62) Azobenzene	10.56	77	1856411	25.90	ng	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	176440	21.85	ng	# 33
65) n-Nitrosodiphenylamine	10.51	169	1165896	27.11	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	437239	29.56	ng	# 78
67) Hexachlorobenzene	10.94	284	395458	25.71	ng	# 73
68) Atrazine	11.05	200	453410	32.78	ng	96
69) Pentachlorophenol	11.14	266	393857	45.50	ng	96
70) Phenanthrene	11.36	178	1825819	25.55	ng	99
71) Anthracene	11.41	178	2148768	27.88	ng	100
72) Carbazole	11.56	167	1630468	24.14	ng	99
73) Di-n-butylphthalate	11.90	149	2374720	30.17	ng	99
74) Fluoranthene	12.54	202	1855797	24.81	ng	99
76) Benzidine	12.66	184	635023	23.76	ng	99
77) Pyrene	12.77	202	1851697	27.00	ng	100
79) Butylbenzylphthalate	13.39	149	782598	29.27	ng	87
80) Benzo(a)anthracene	13.95	228	1298018	25.86	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	354281	19.65	ng	# 97
82) Chrysene	14.00	228	1364555	25.98	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1016253	29.63	ng	# 94
84) Di-n-octyl phthalate	14.57	149	1809472	31.08	ng	# 91
87) Benzo(b)fluoranthene	14.98	252	1460021	22.76	ng	100
88) Benzo(k)fluoranthene	14.98	252	1460021	25.88	ng	99
89) Benzo(a)pyrene	15.32	252	1450593	25.10	ng	98

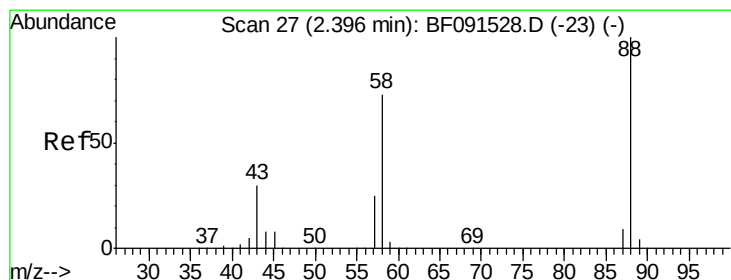
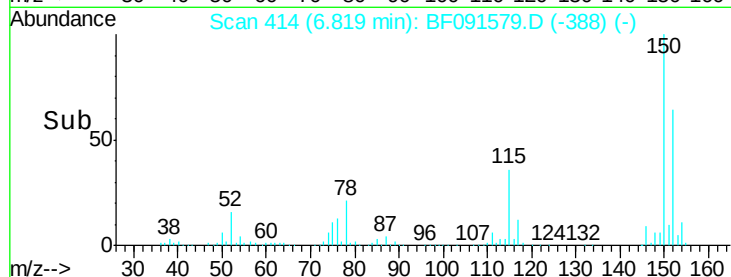
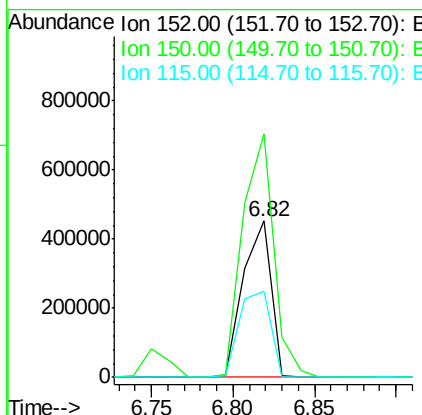
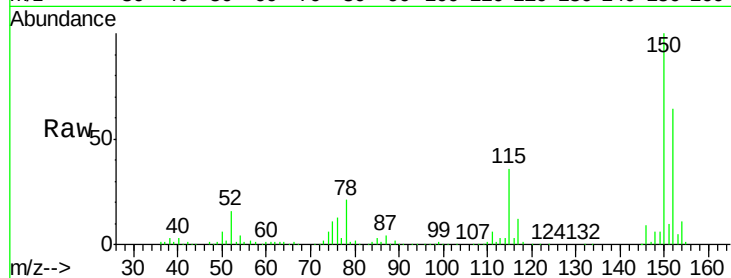
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

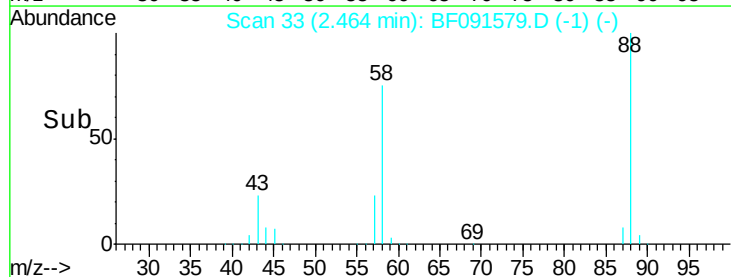
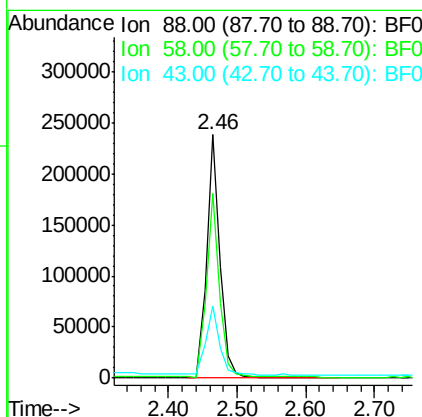
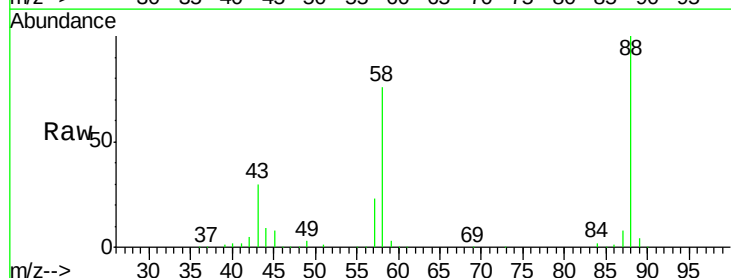
Instrument :
 BNA_F
 ClientSampleId :

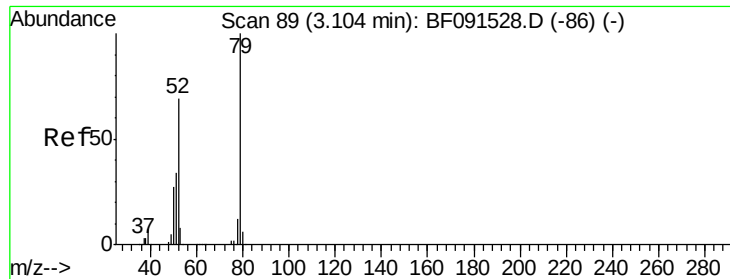
Tgt Ion: 152 Resp: 534659
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.5 183.7
 115 55.4 51.8 77.8



#2
 1,4-Dioxane
 Concen: 18.92 ng
 RT: 2.46 min Scan# 33
 Delta R.T. 0.07 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion: 88 Resp: 316829
 Ion Ratio Lower Upper
 88 100
 58 74.1 70.3 105.5
 43 28.7 31.3 46.9#





#3

Pyridine

Concen: 20.81 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

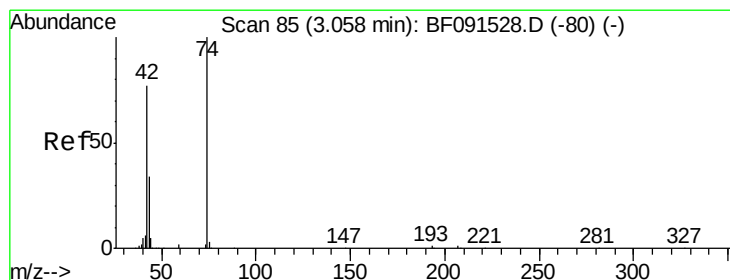
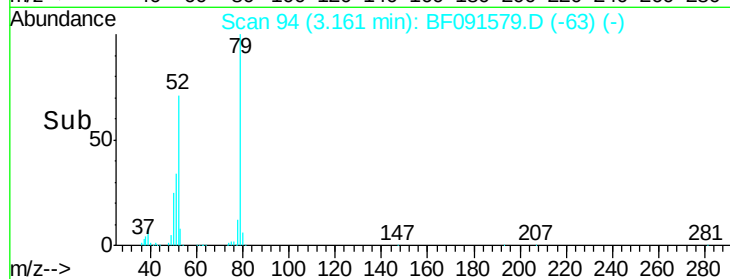
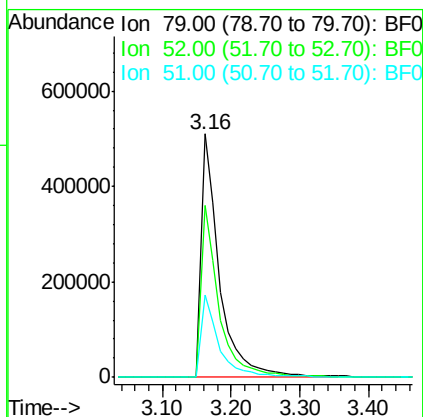
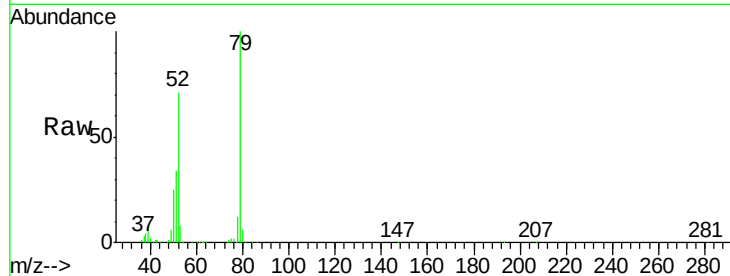
Tgt Ion: 79 Resp: 928551

Ion Ratio Lower Upper

79 100

52 70.7 71.0 106.4#

51 33.8 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 23.59 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

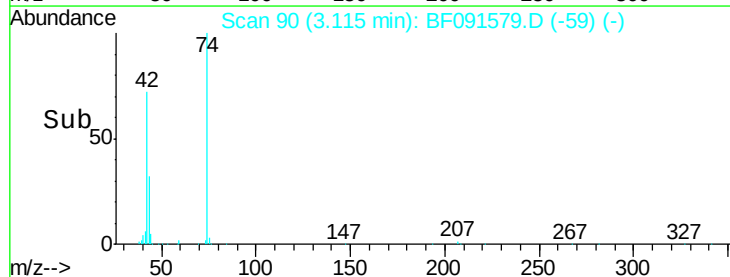
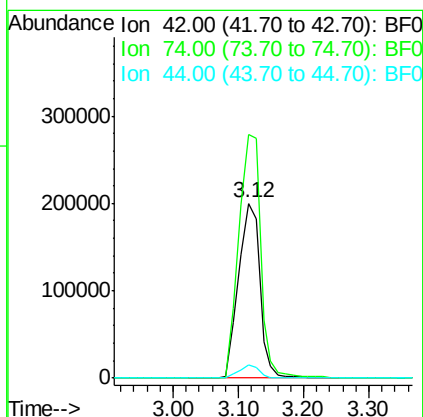
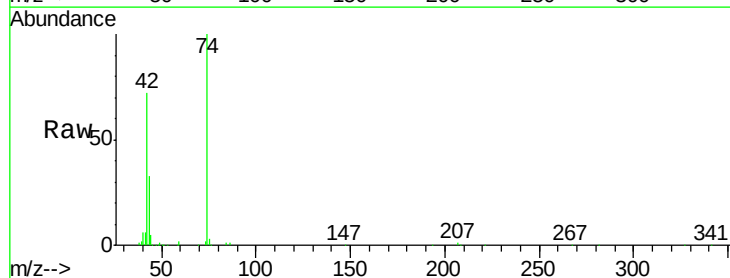
Tgt Ion: 42 Resp: 452298

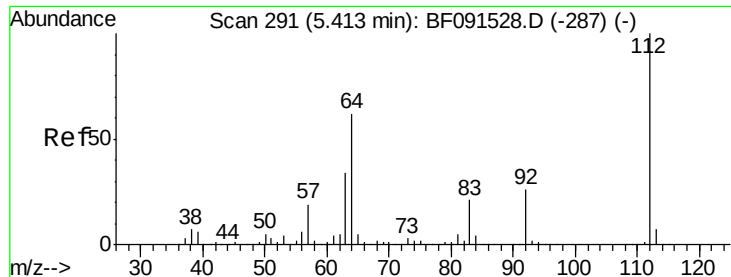
Ion Ratio Lower Upper

42 100

74 139.4 78.9 118.3#

44 7.4 5.8 8.6





#5

2-Fluorophenol

Concen: 44.87 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampled :

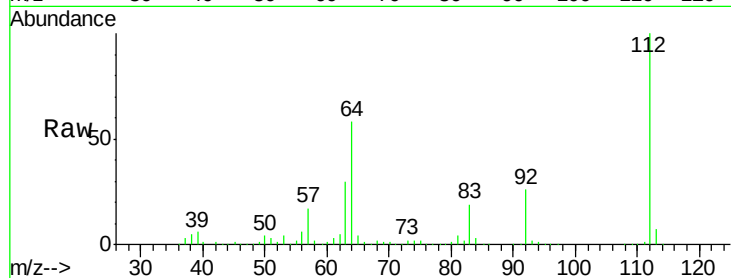
Tgt Ion: 112 Resp: 1423830

Ion Ratio Lower Upper

112 100

64 57.9 61.5 92.3#

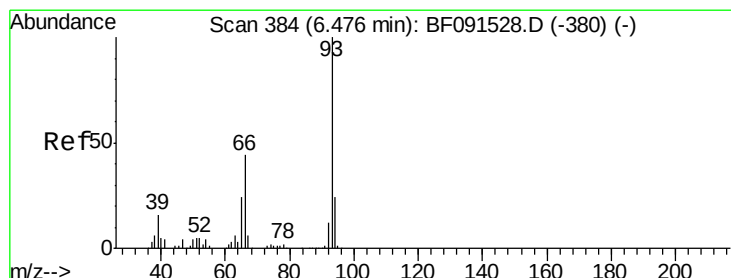
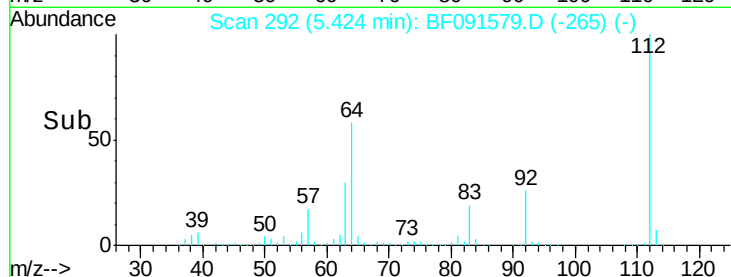
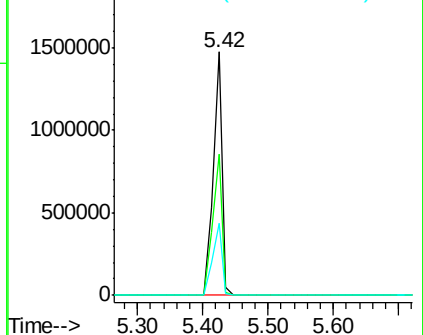
63 29.8 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.26 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

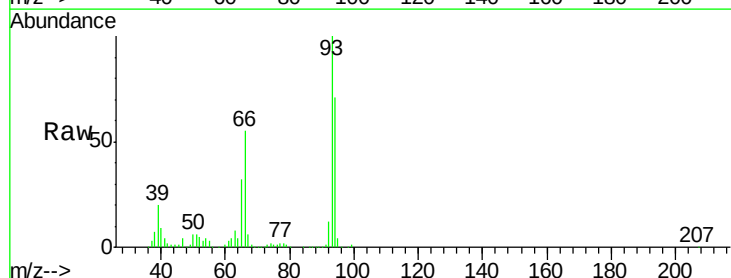
Tgt Ion: 93 Resp: 843432

Ion Ratio Lower Upper

93 100

66 55.4 55.8 83.6#

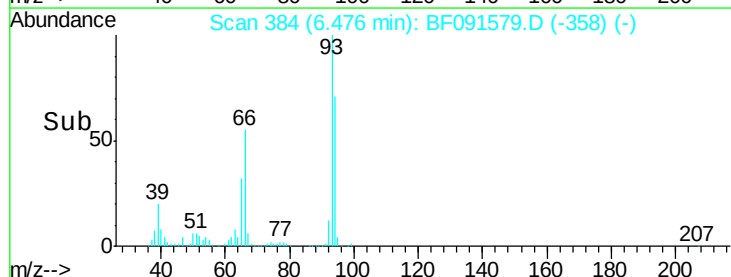
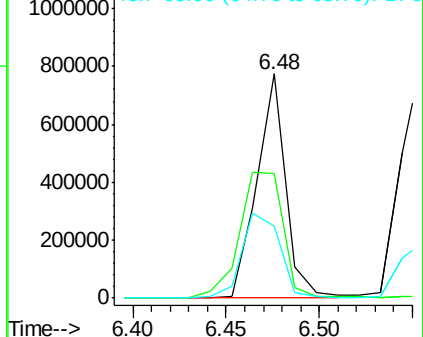
65 32.2 29.9 44.9

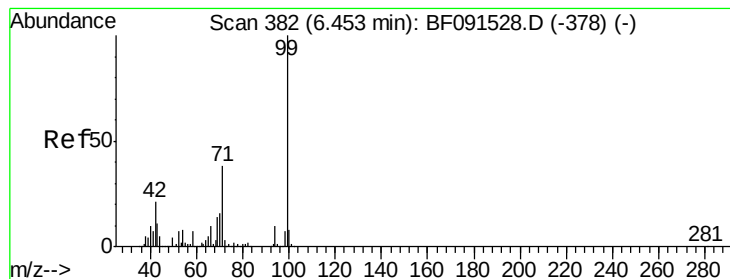


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.50 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

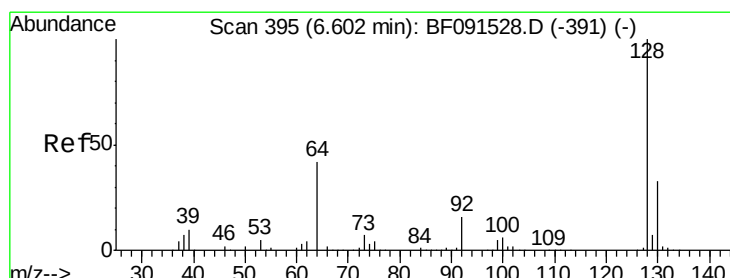
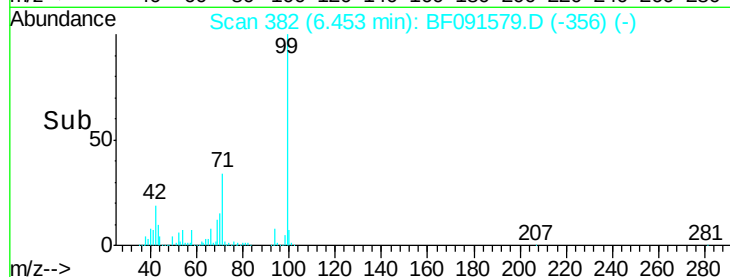
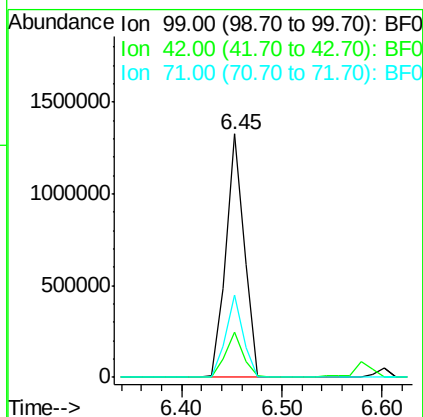
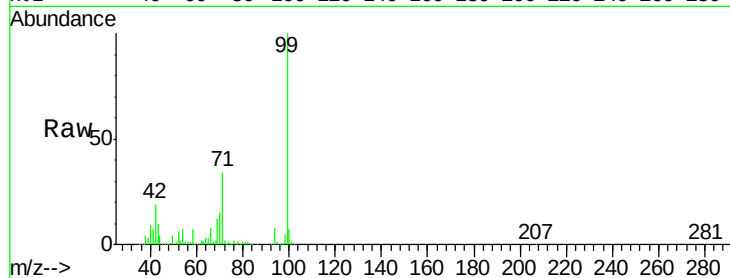
Tgt Ion: 99 Resp: 1681384

Ion Ratio Lower Upper

99 100

42 18.8 20.6 31.0#

71 33.8 29.9 44.9



#8

2-Chlorophenol

Concen: 24.70 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

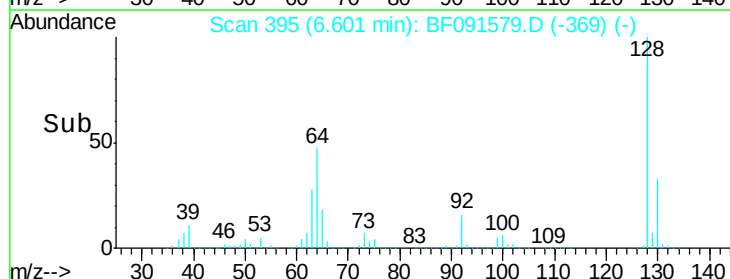
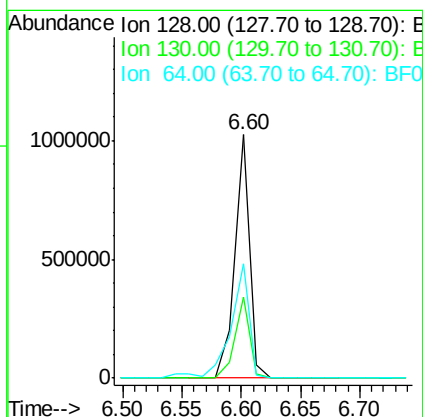
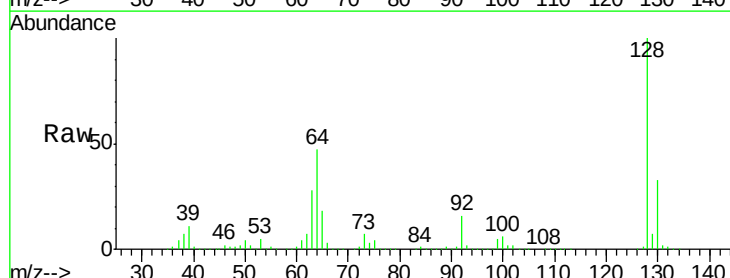
Tgt Ion: 128 Resp: 884788

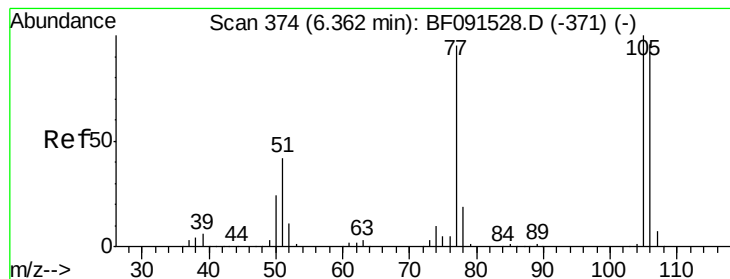
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 46.7 24.1 64.1





#9

Benzaldehyde

Concen: 5.95 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampled :

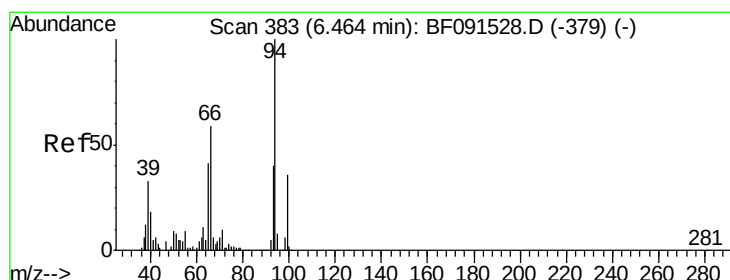
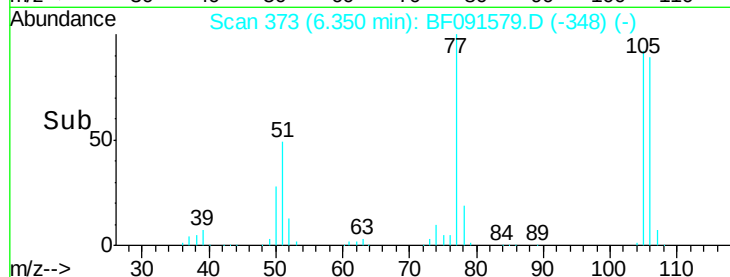
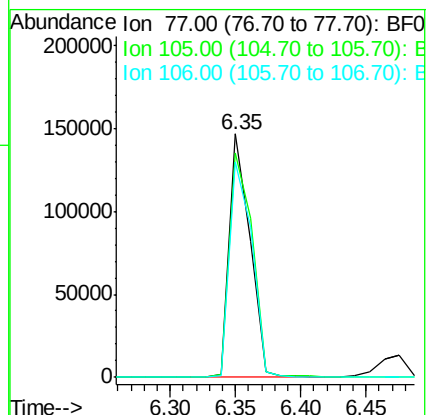
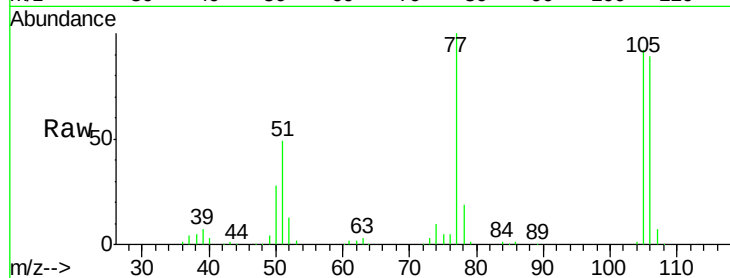
Tgt Ion: 77 Resp: 161894

Ion Ratio Lower Upper

77 100

105 91.9 66.4 106.4

106 88.6 60.9 100.9



#10

Phenol

Concen: 20.96 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

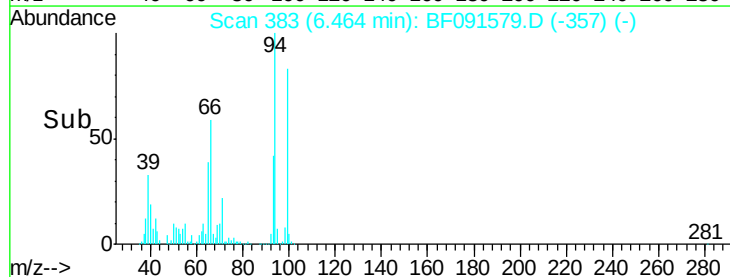
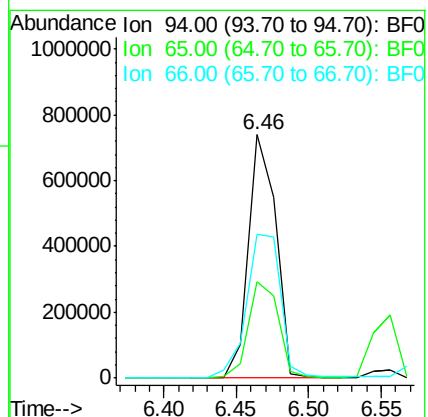
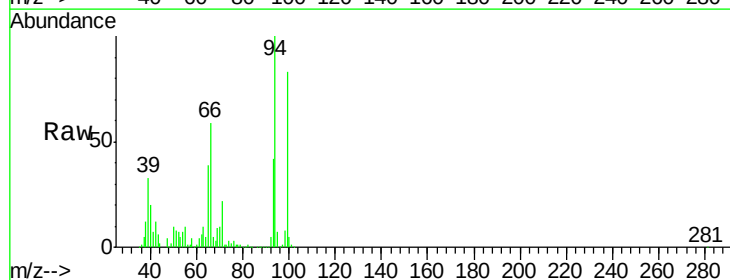
Tgt Ion: 94 Resp: 969486

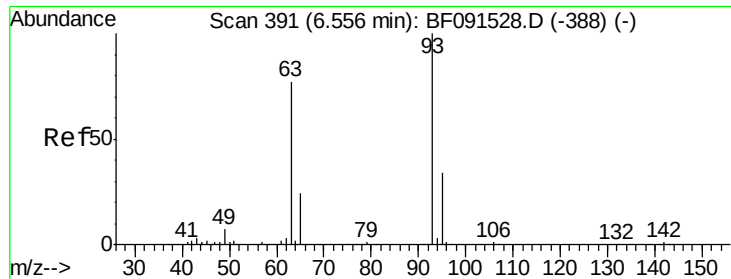
Ion Ratio Lower Upper

94 100

65 39.4 16.9 56.9

66 58.8 30.6 70.6

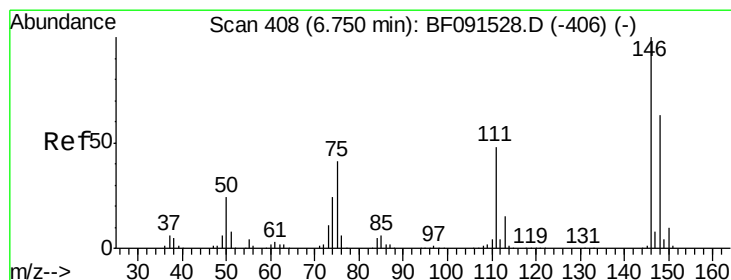
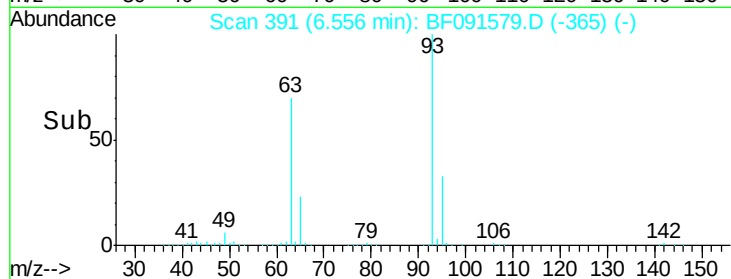
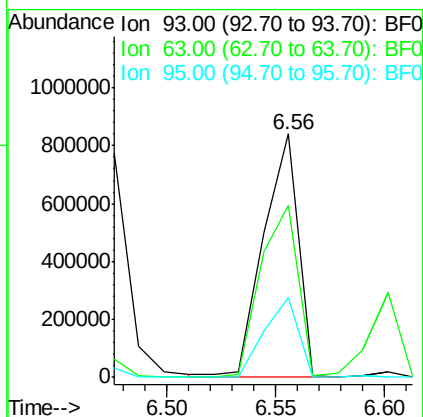
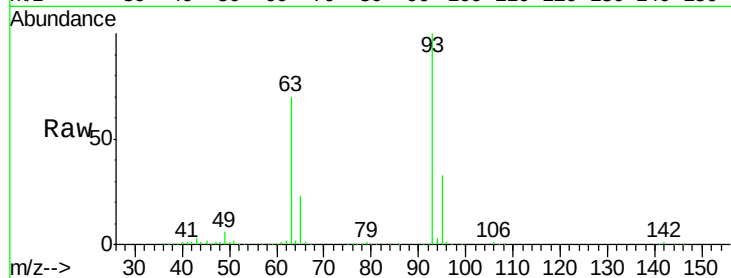




#11
bis(2-Chloroethyl)ether
Concen: 26.96 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

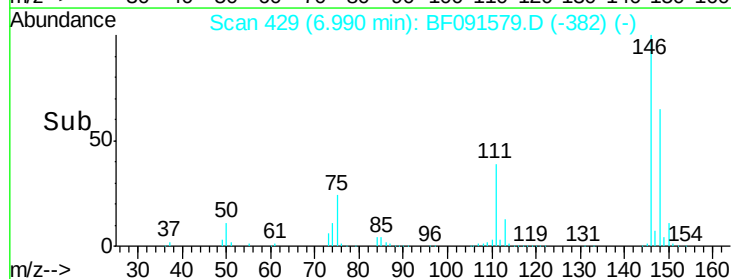
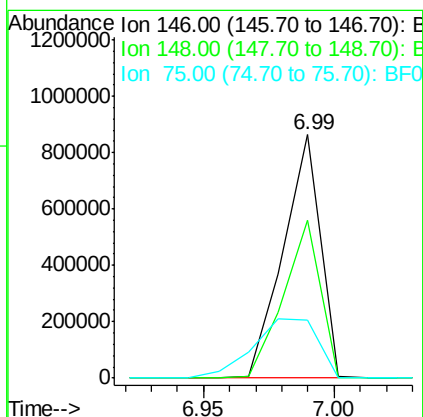
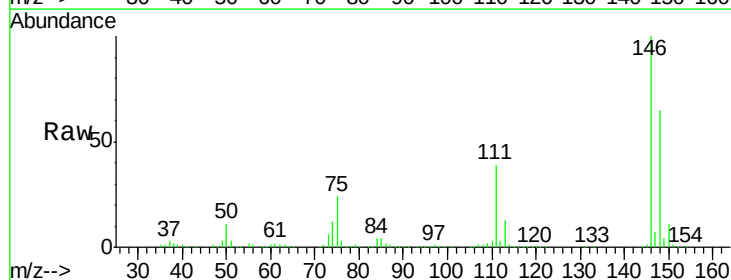
Instrument :
BNA_F
ClientSampled :

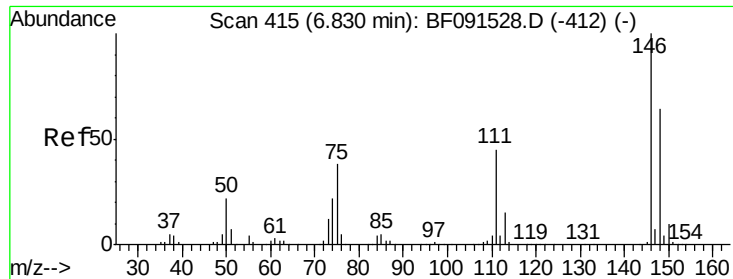
Tgt Ion: 93 Resp: 936728
Ion Ratio Lower Upper
93 100
63 70.4 74.8 114.8#
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 21.98 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.24 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion: 146 Resp: 853811
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
75 23.8 23.6 35.4

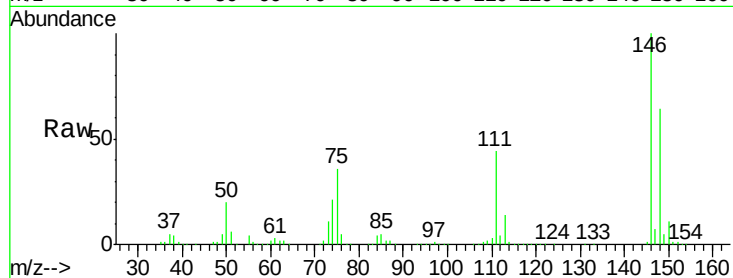




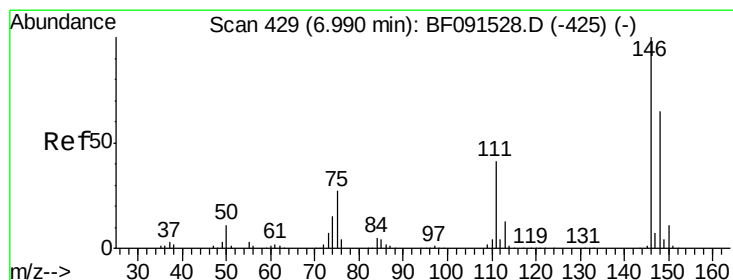
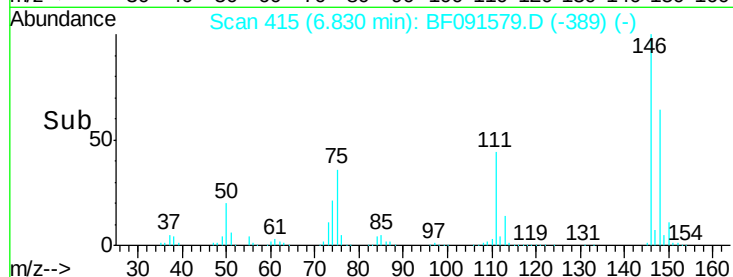
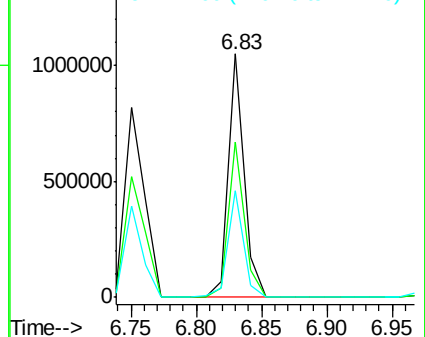
#13
 1,4-Dichlorobenzene
 Concen: 23.16 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:146 Resp: 887344
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 43.9 32.2 48.2

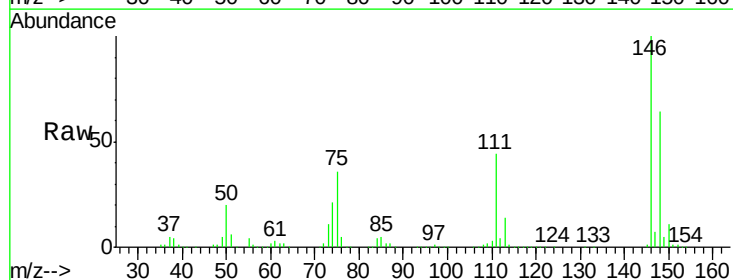


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

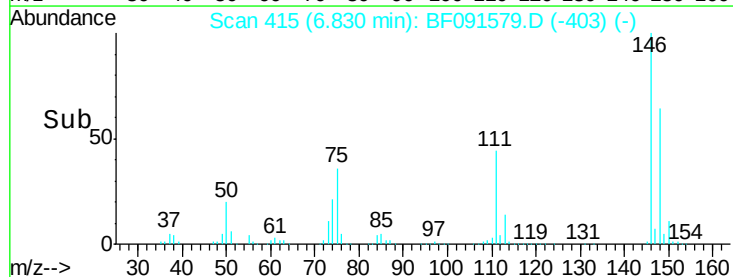
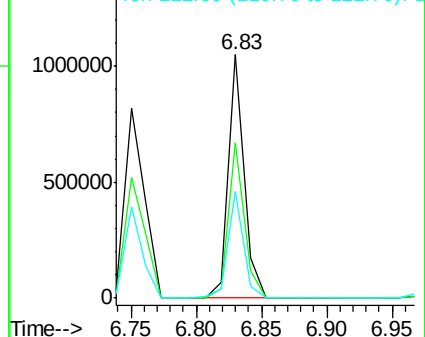


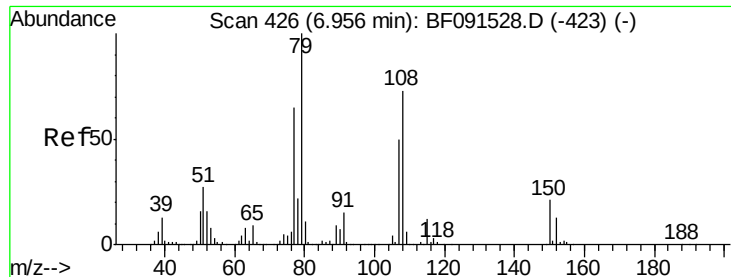
#14
 1,2-Dichlorobenzene
 Concen: 25.70 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:146 Resp: 887344
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 43.9 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: 23.42 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampled :

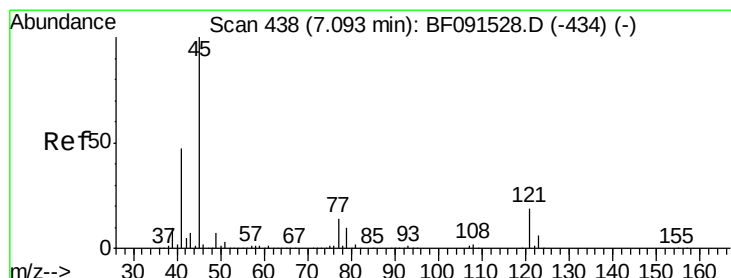
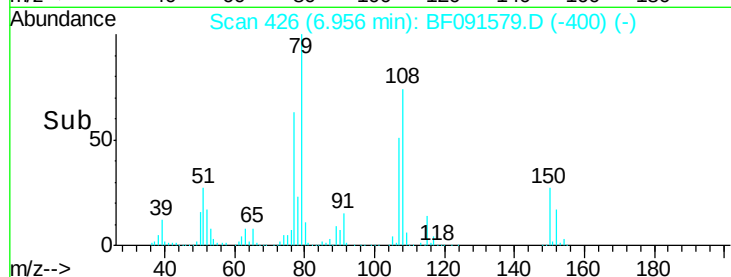
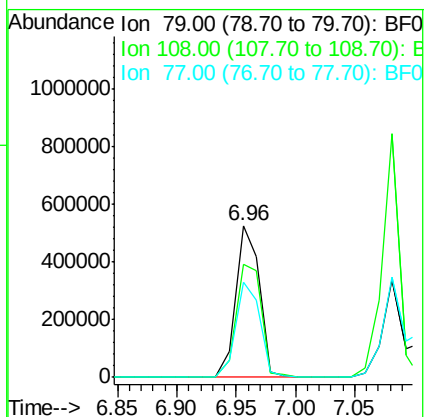
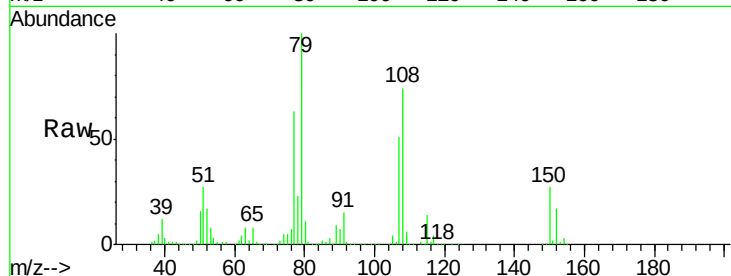
Tgt Ion: 79 Resp: 731690

Ion Ratio Lower Upper

79 100

108 74.5 62.7 94.1

77 63.1 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.61 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

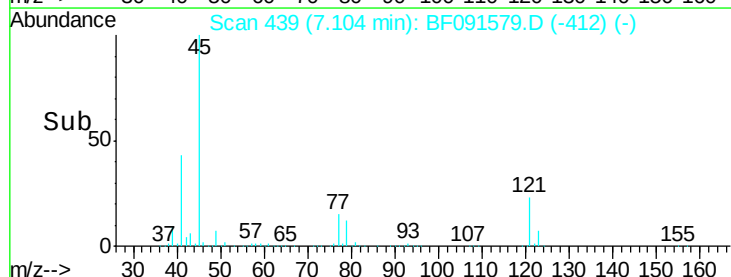
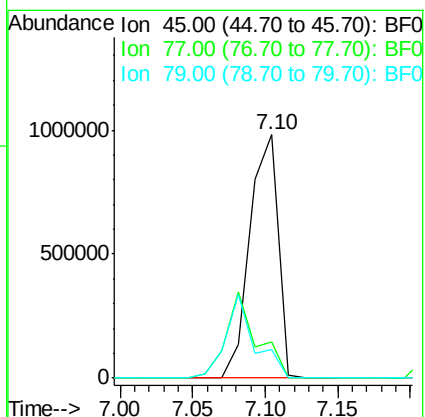
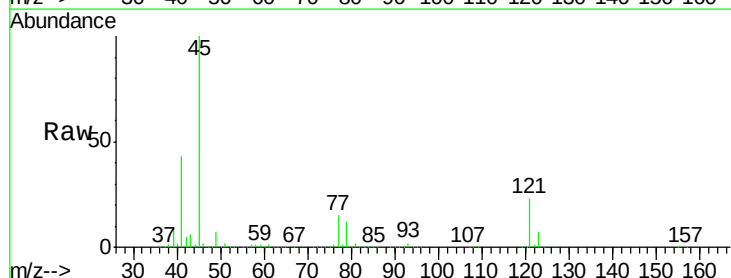
Tgt Ion: 45 Resp: 1325310

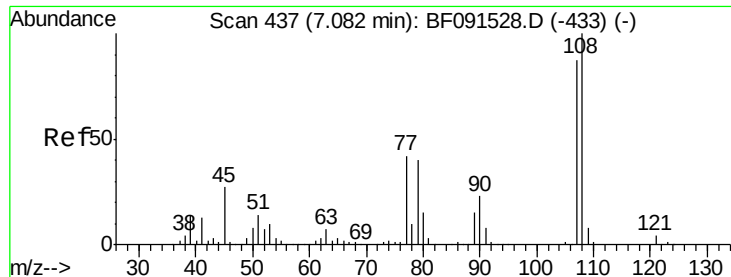
Ion Ratio Lower Upper

45 100

77 15.0 3.8 43.8

79 11.8 0.2 40.2





#17

2-Methylphenol

Concen: 24.48 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:107 Resp: 725678

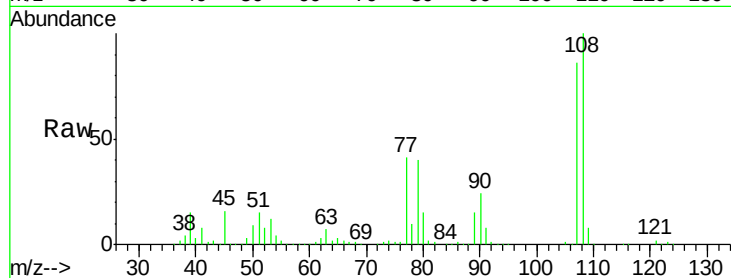
Ion Ratio Lower Upper

107 100

108 115.9 67.7 101.5#

77 47.8 40.7 61.1

79 46.2 23.4 35.2#

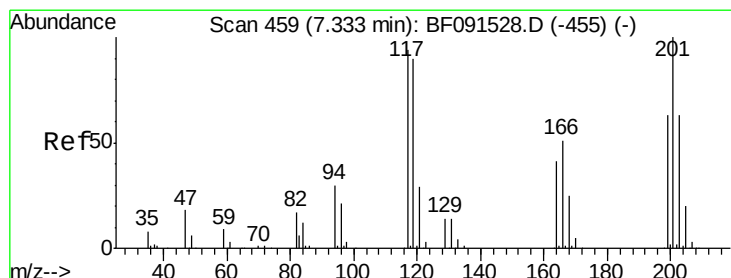
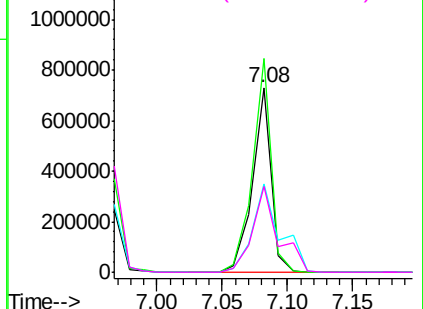
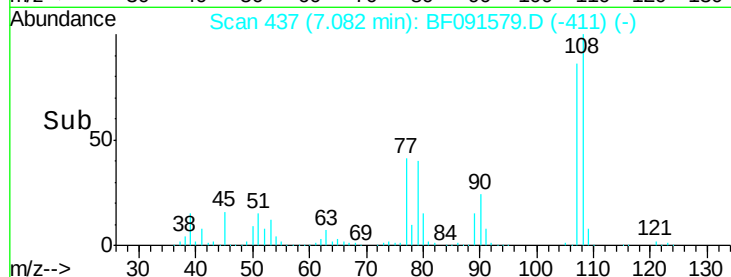


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.06 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

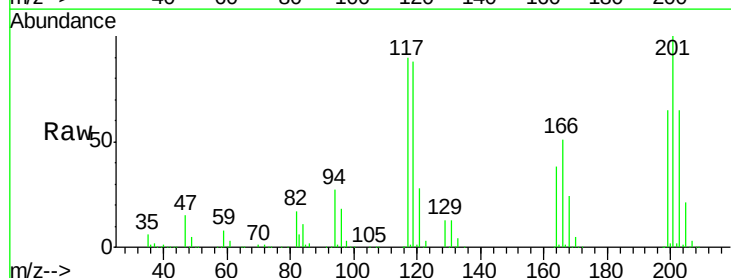
Tgt Ion:117 Resp: 344885

Ion Ratio Lower Upper

117 100

119 97.3 78.6 118.0

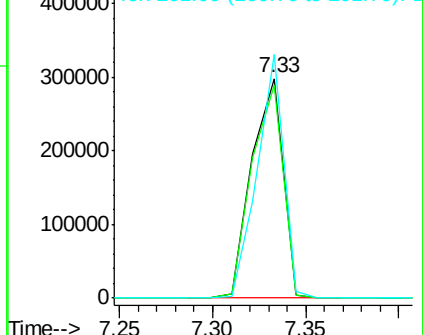
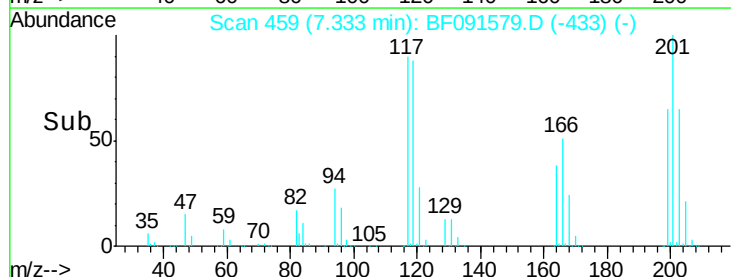
201 111.0 86.7 130.1

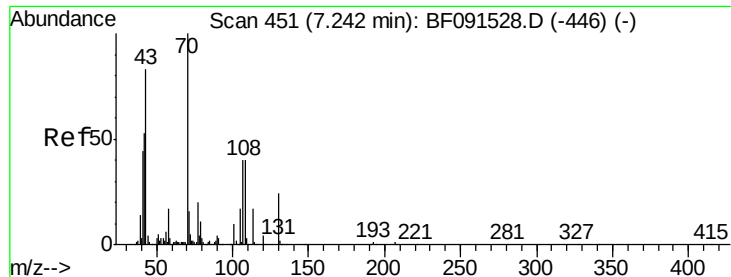


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

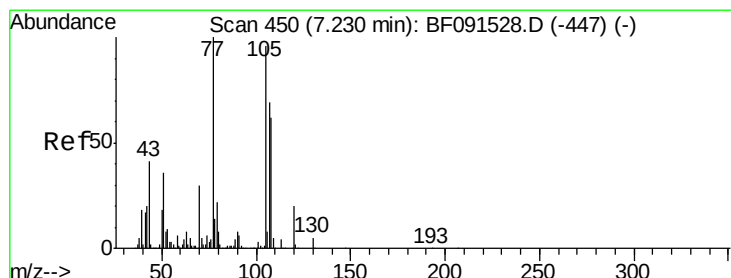
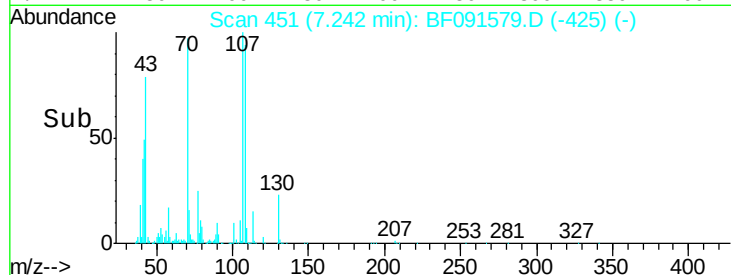
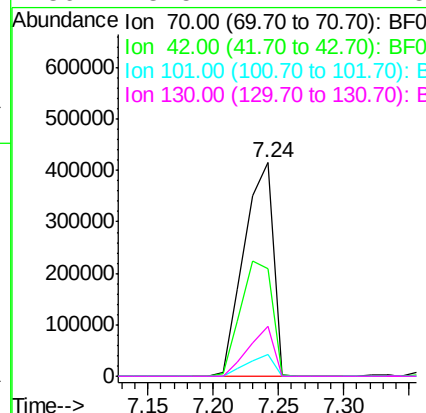
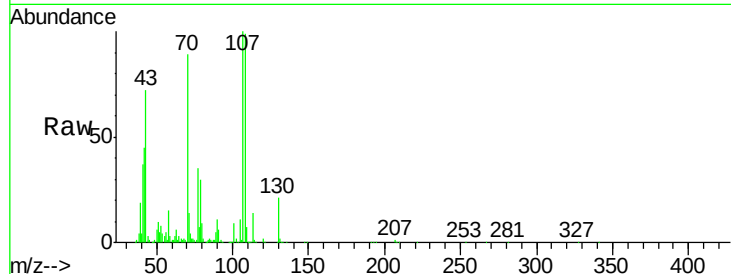




#19
n-Nitroso-di-n-propylamine
Concen: 26.16 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

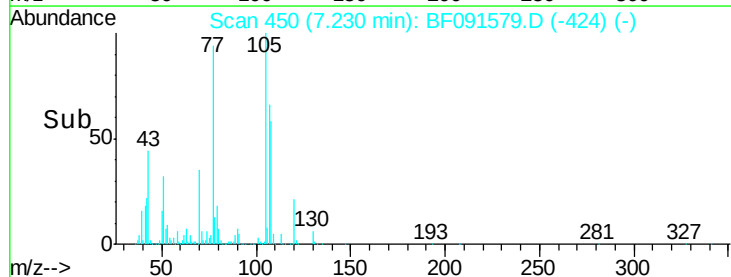
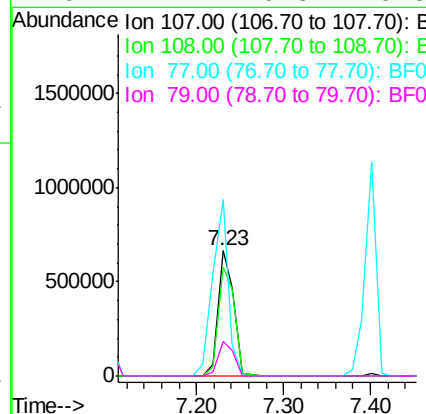
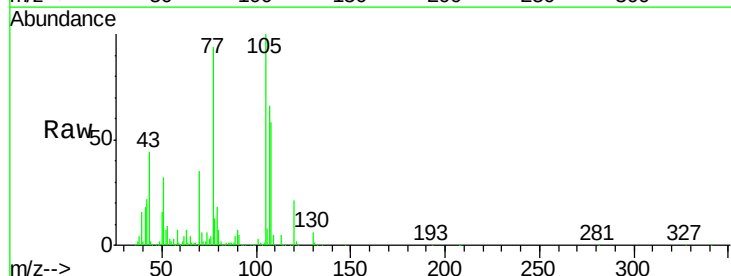
Instrument :
BNA_F
ClientSampleId :

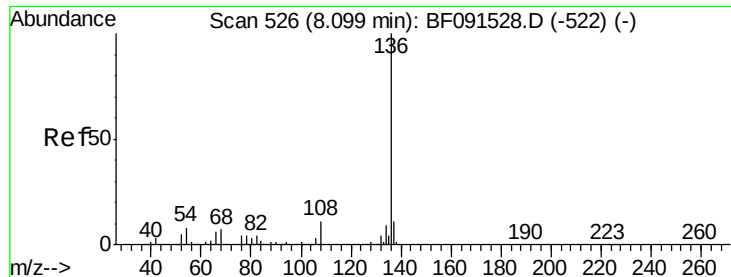
Tgt Ion: 70 Resp: 647268
Ion Ratio Lower Upper
70 100
42 50.6 64.8 97.2#
101 10.0 6.2 9.4#
130 23.5 11.7 17.5#



#20
3+4-Methylphenols
Concen: 24.62 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion: 107 Resp: 833230
Ion Ratio Lower Upper
107 100
108 86.7 64.6 104.6
77 141.0 30.9 70.9#
79 27.7 9.3 49.3

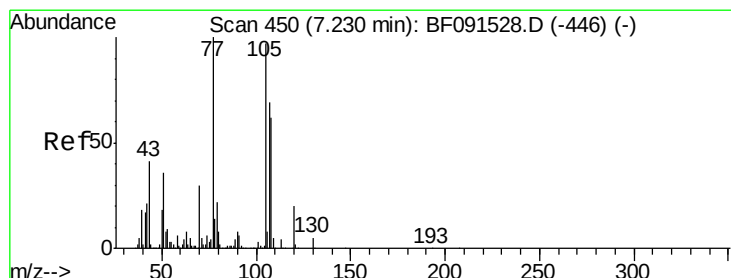
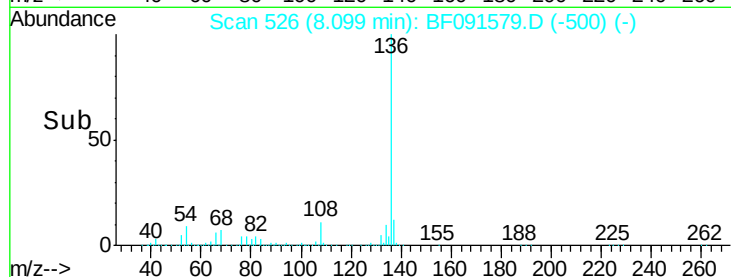
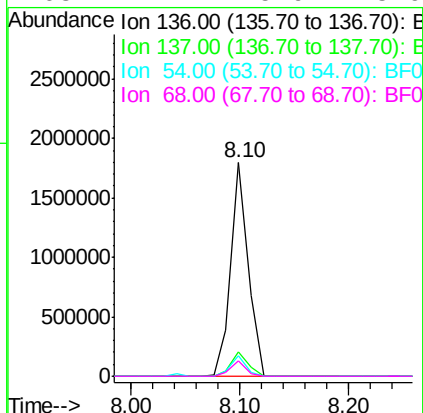
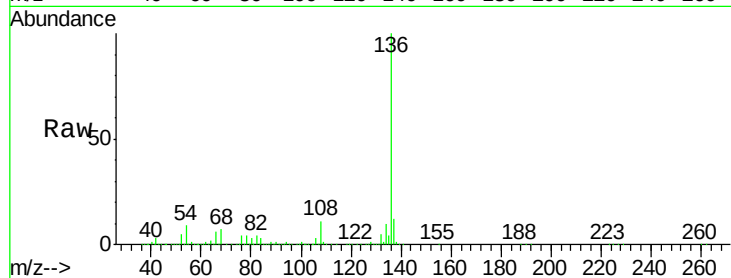




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

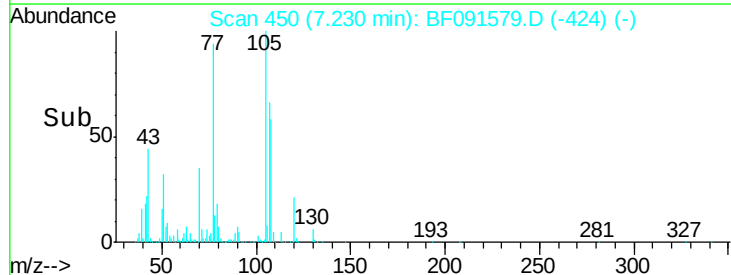
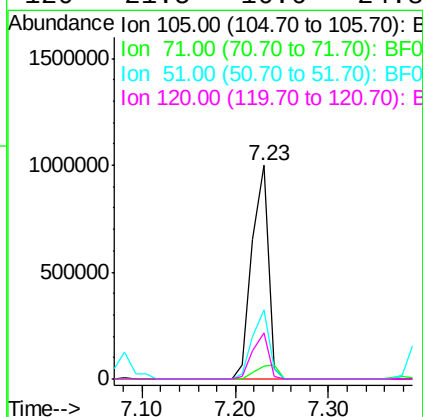
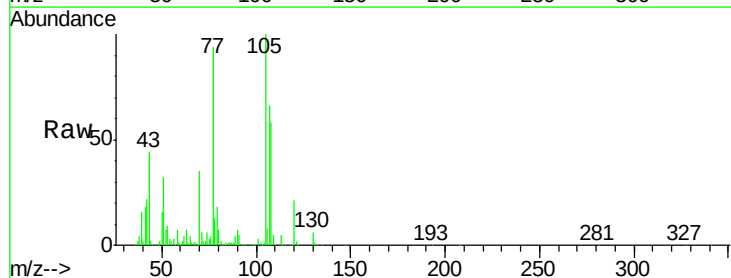
Instrument :
BNA_F
ClientSampleId :

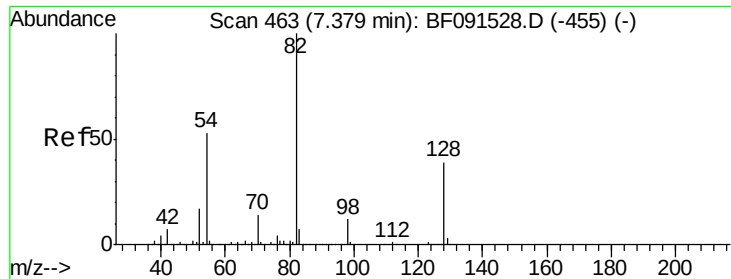
Tgt Ion:	136	Resp:	1971312
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.3	9.1	13.7
68	7.2	5.9	8.9



#22
Acetophenone
Concen: 25.76 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:	105	Resp:	1216676
Ion	Ratio	Lower	Upper
105	100		
71	6.0	7.9	11.9#
51	32.3	24.5	36.7
120	21.5	16.6	24.8

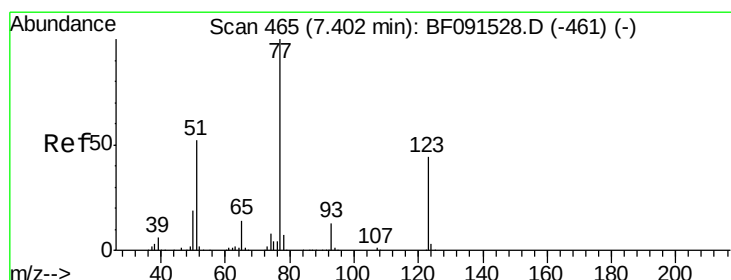
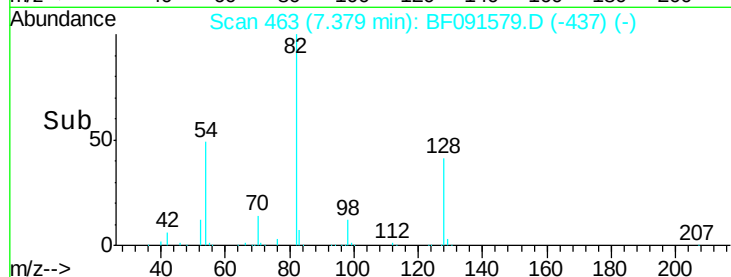
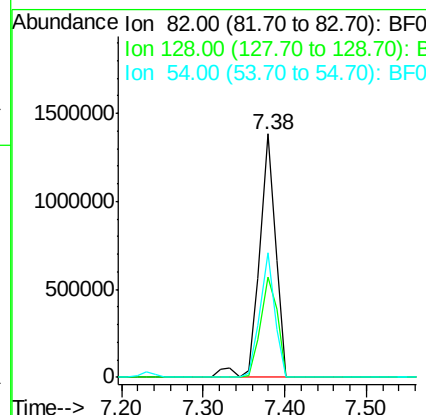
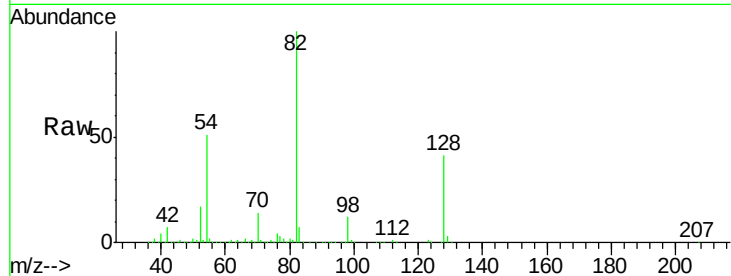




#23
 Nitrobenzene-d5
 Concen: 53.62 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

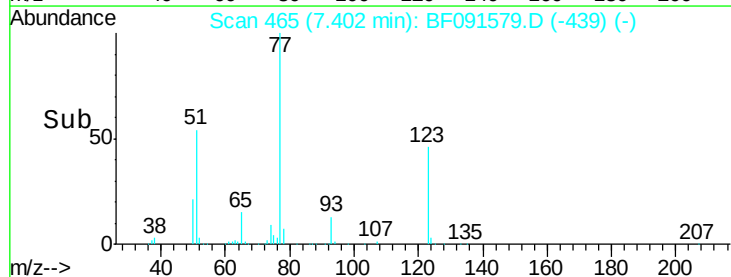
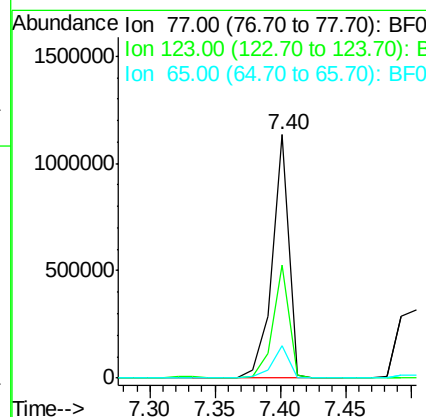
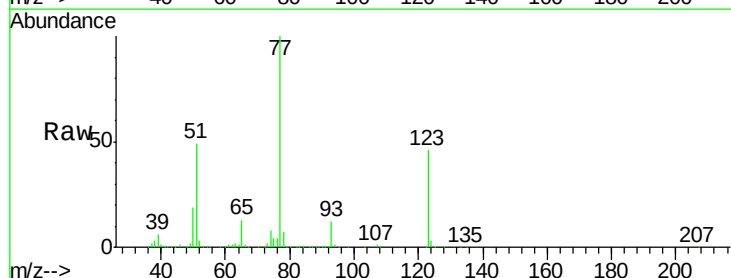
Instrument :
 BNA_F
 ClientSampleId :

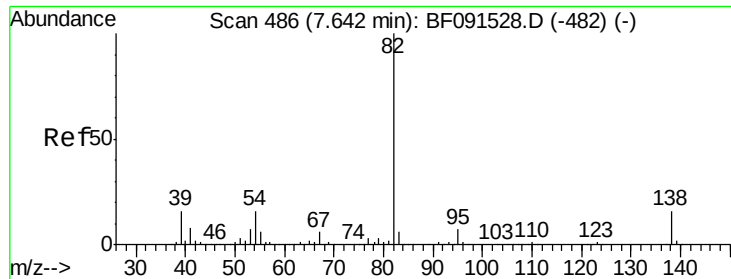
Tgt Ion: 82 Resp: 1893866
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.6
 54 51.1 49.1 73.7



#24
 Nitrobenzene
 Concen: 27.15 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion: 77 Resp: 1013339
 Ion Ratio Lower Upper
 77 100
 123 46.4 28.5 42.7#
 65 13.3 12.5 18.7





#25

Isophorone

Concen: 26.99 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

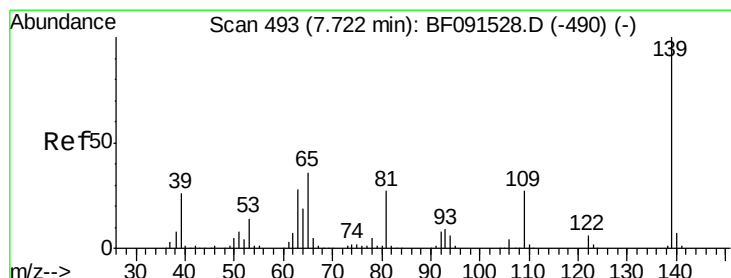
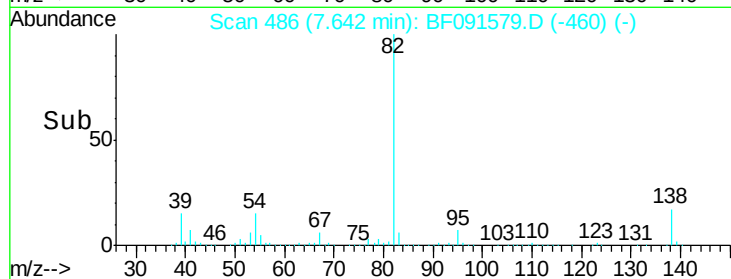
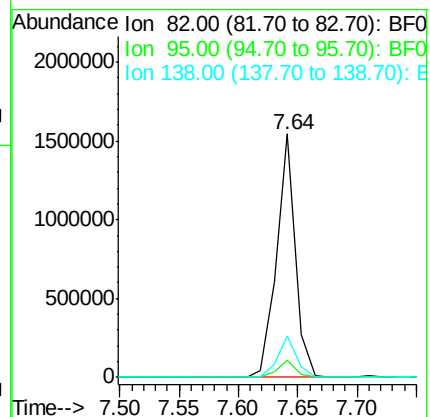
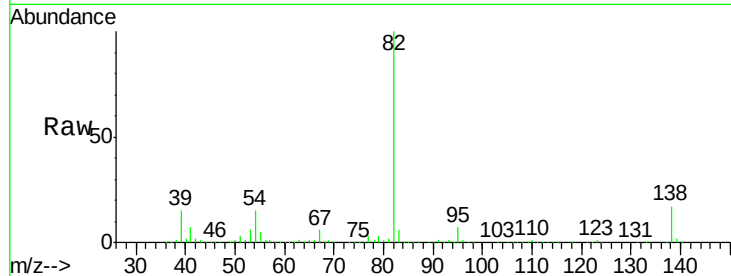
Tgt Ion: 82 Resp: 1694353

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 17.2 13.4 20.0



#26

2-Nitrophenol

Concen: 29.17 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

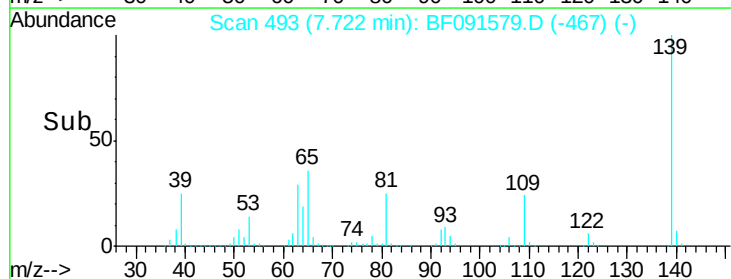
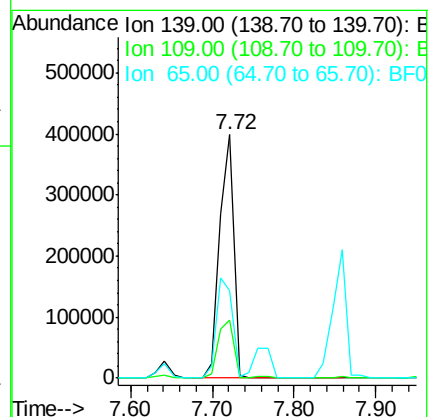
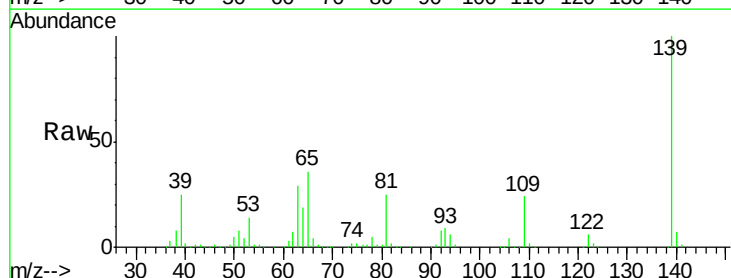
Tgt Ion: 139 Resp: 480419

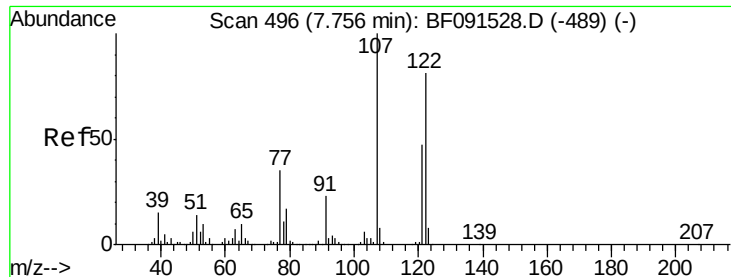
Ion Ratio Lower Upper

139 100

109 24.0 25.3 37.9#

65 35.8 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 28.28 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

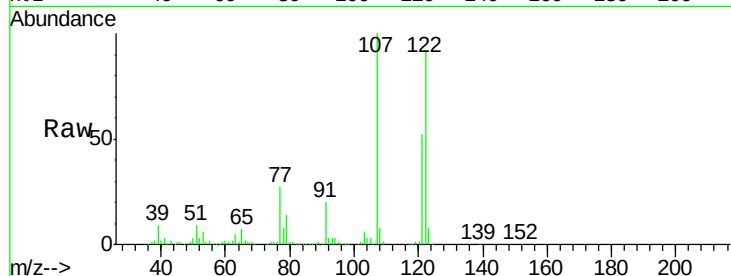
Tgt Ion:122 Resp: 818042

Ion Ratio Lower Upper

122 100

107 108.5 96.8 145.2

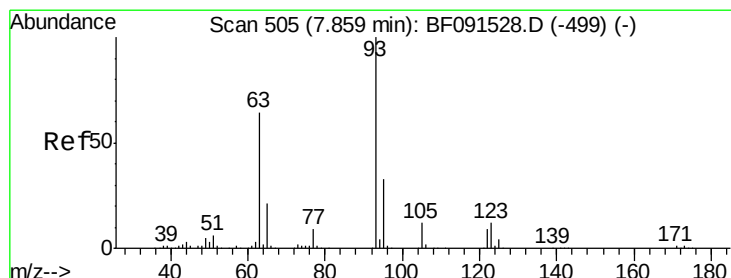
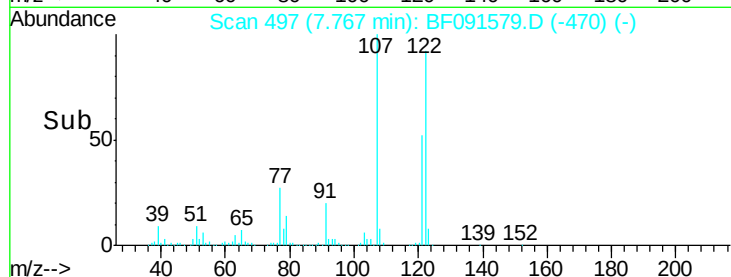
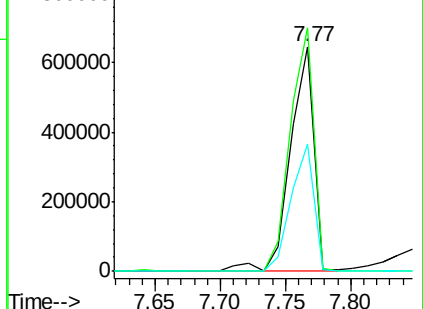
121 56.8 47.7 71.5



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: 30.90 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

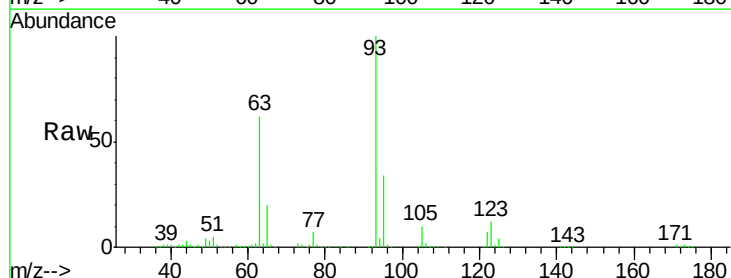
Tgt Ion: 93 Resp: 1137858

Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

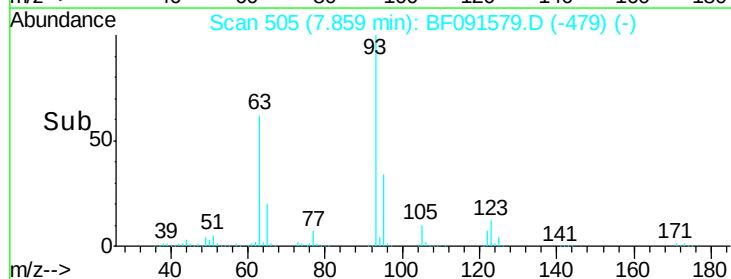
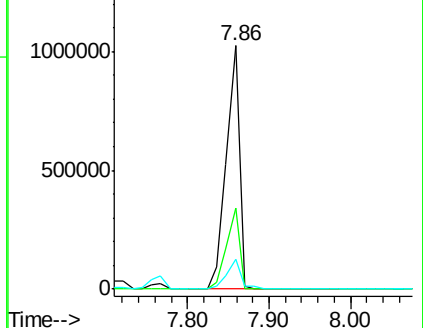
123 12.4 8.6 12.8

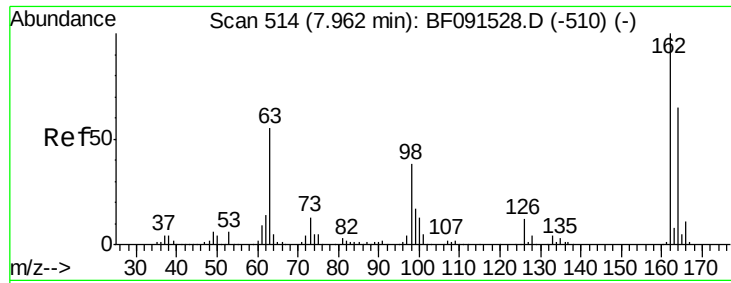


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

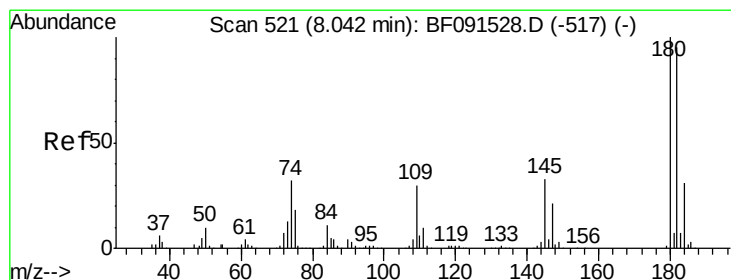
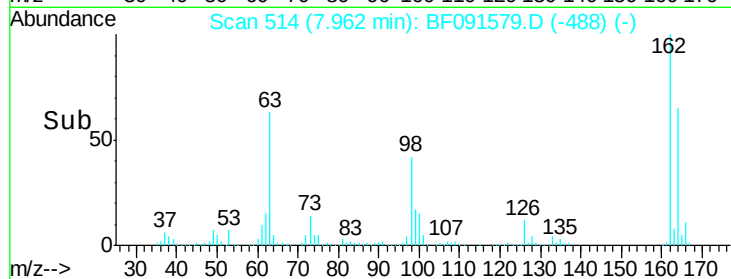
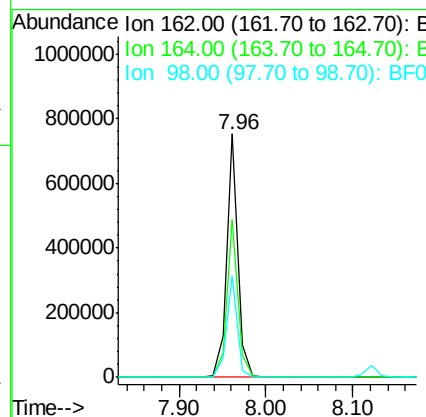
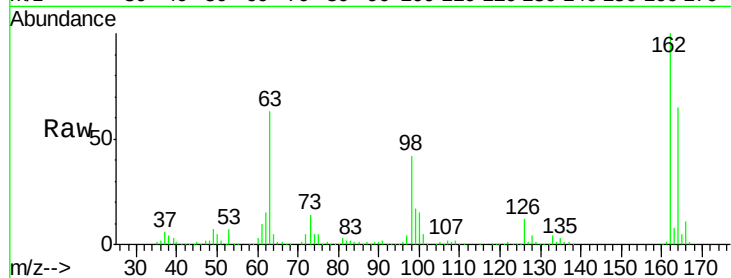




#29
 2,4-Dichlorophenol
 Concen: 27.22 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

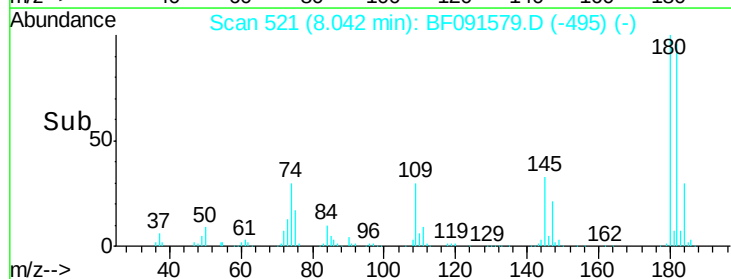
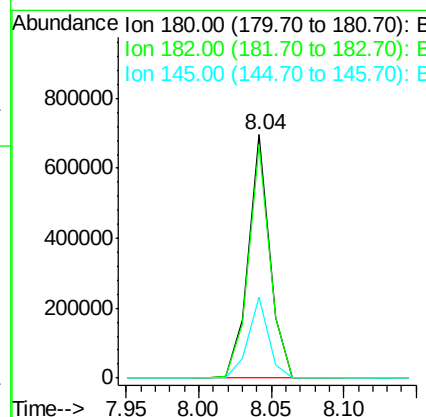
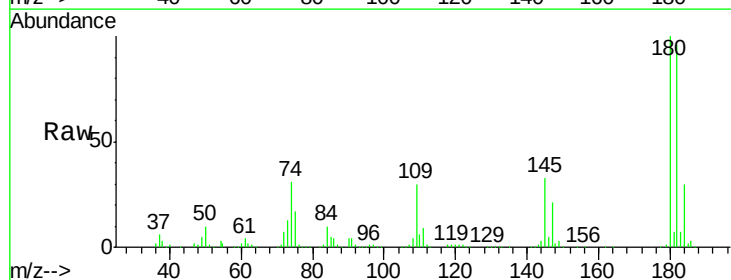
Instrument :
 BNA_F
 ClientSampleId :

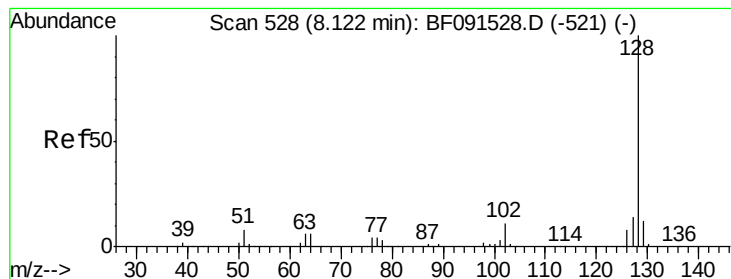
Tgt Ion:162 Resp: 685146
 Ion Ratio Lower Upper
 162 100
 164 64.8 45.0 85.0
 98 41.7 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 24.96 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:180 Resp: 713880
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.8 113.8
 145 33.5 27.0 40.4





#31

Naphthalene

Concen: 24.03 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

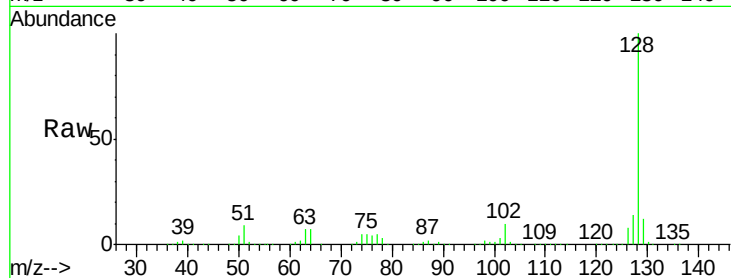
Tgt Ion:128 Resp: 2204199

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

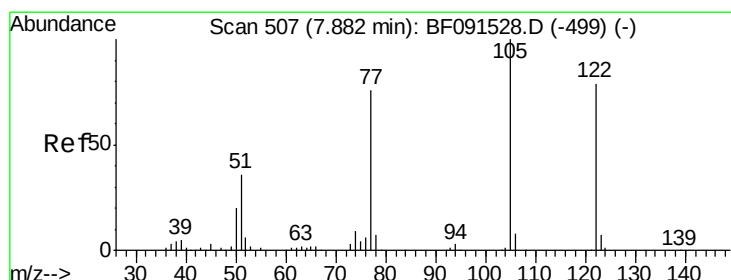
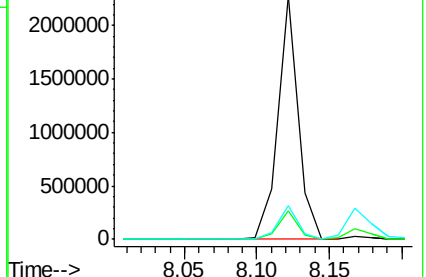
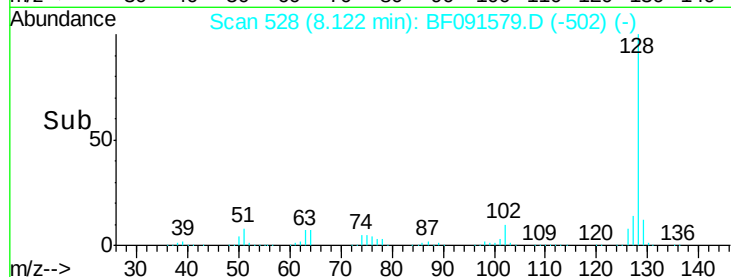
127 13.6 11.0 16.4



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: 22.94 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

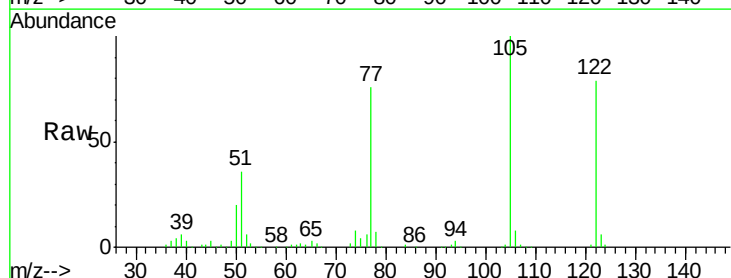
Tgt Ion:122 Resp: 417183

Ion Ratio Lower Upper

122 100

105 126.2 113.0 153.0

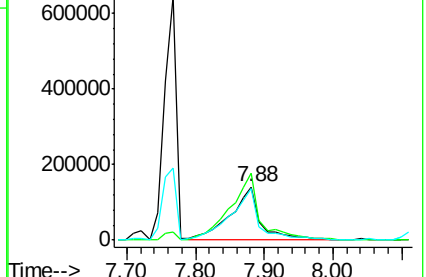
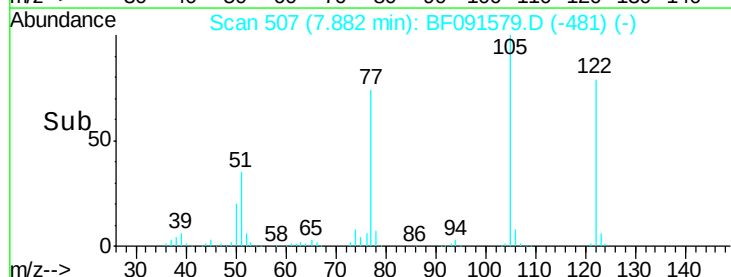
77 95.5 82.0 122.0

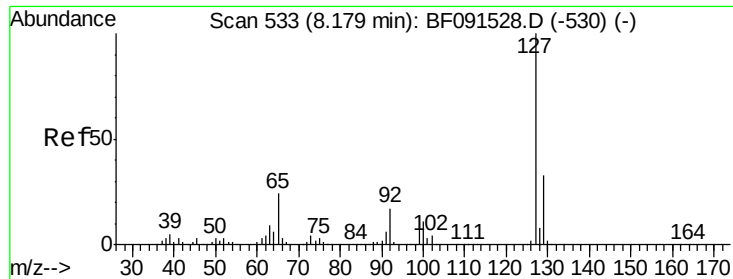


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

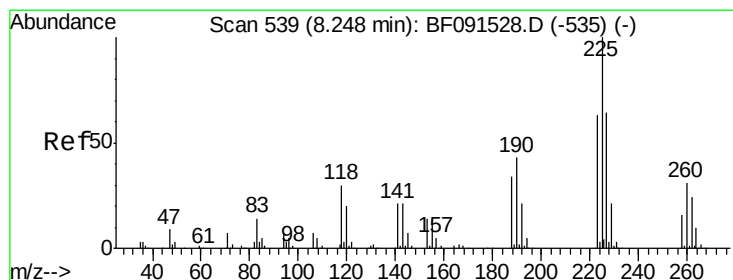
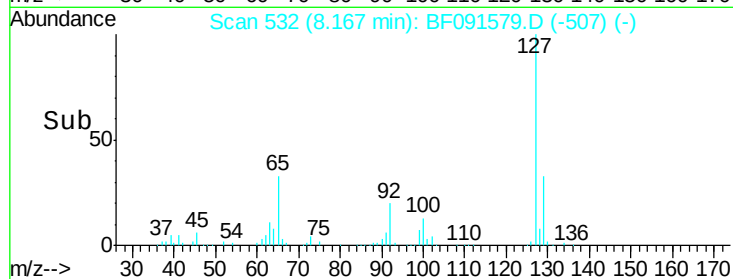
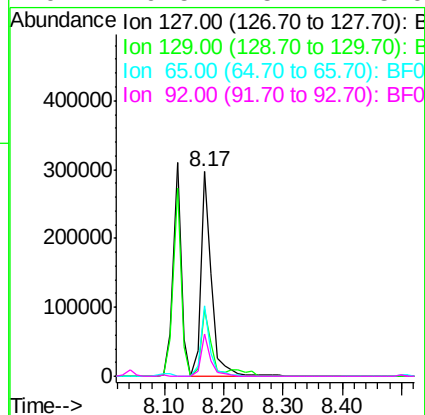
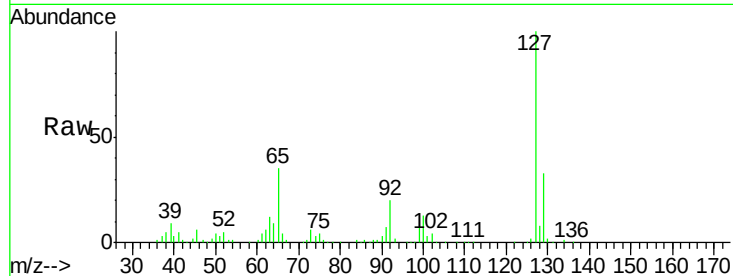




#33
4-Chloroaniline
Concen: 9.60 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

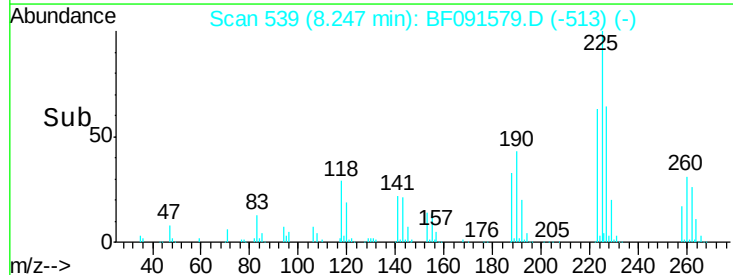
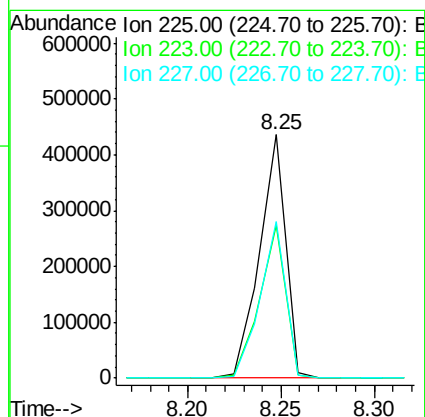
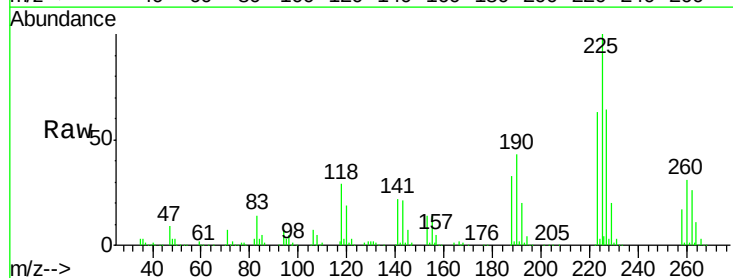
Instrument :
BNA_F
ClientSampled :

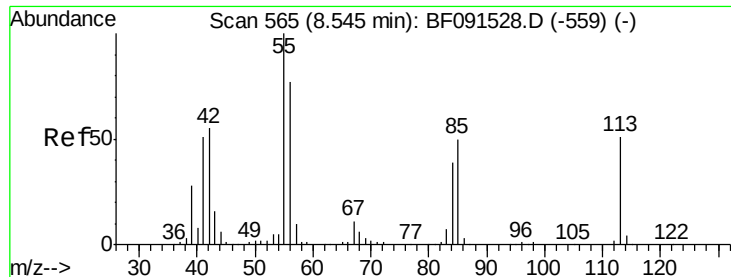
Tgt Ion:	127	Resp:	379404
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	34.7	26.6	39.8
92	20.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 25.66 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:	225	Resp:	420710
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.6
227	64.3	52.6	79.0

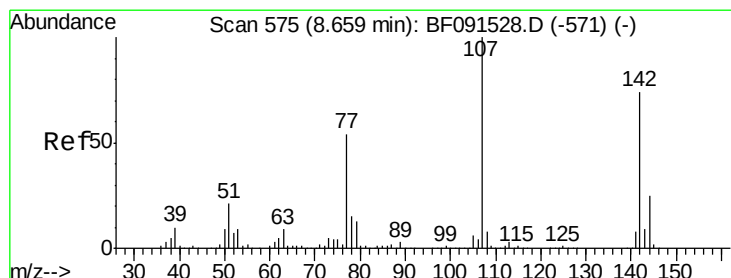
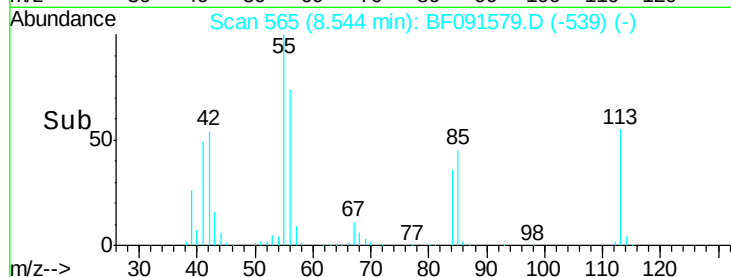
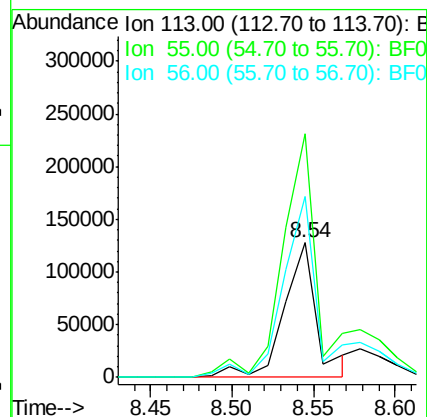
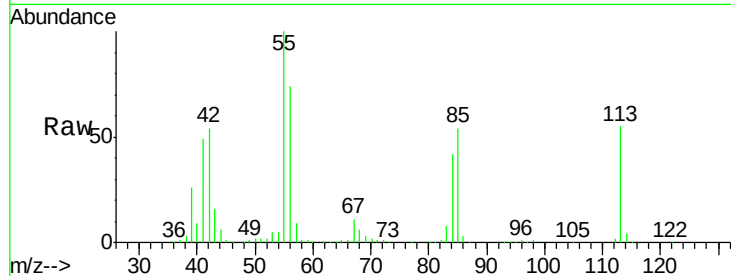




#35
 Caprolactam
 Concen: 24.22 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

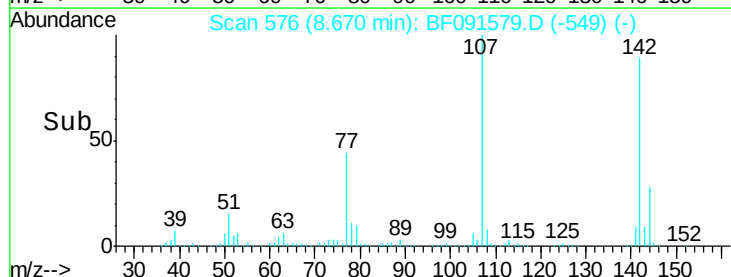
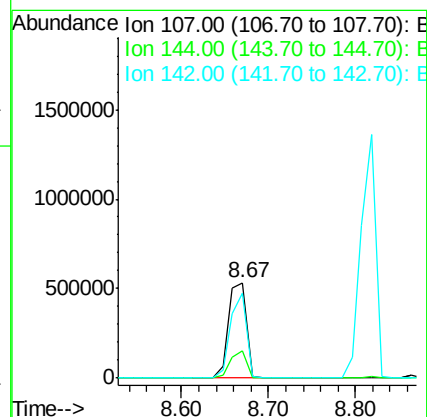
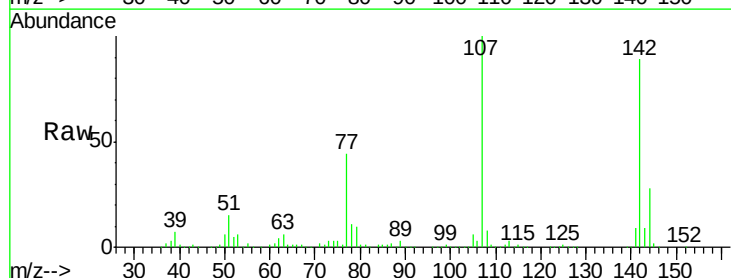
Instrument :
 BNA_F
 ClientSampleId :

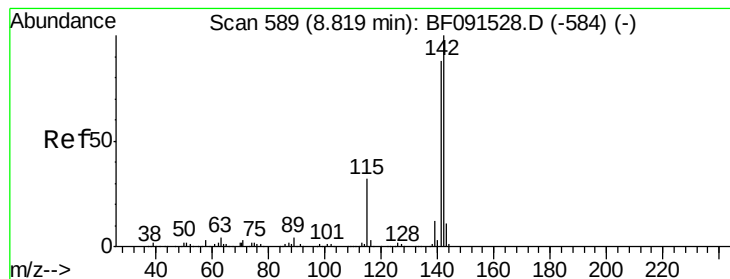
Tgt Ion:113 Resp: 178050
 Ion Ratio Lower Upper
 113 100
 55 181.0 239.8 279.8#
 56 134.5 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 27.30 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:107 Resp: 770609
 Ion Ratio Lower Upper
 107 100
 144 28.2 18.9 28.3
 142 88.9 58.5 87.7#

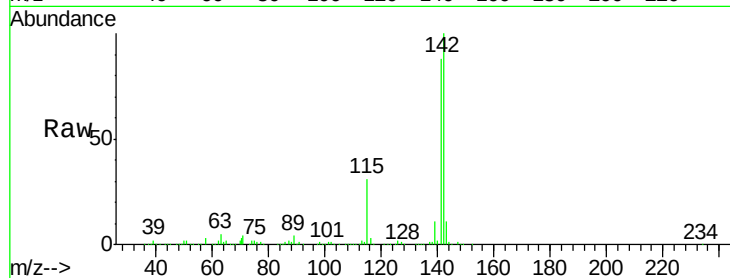




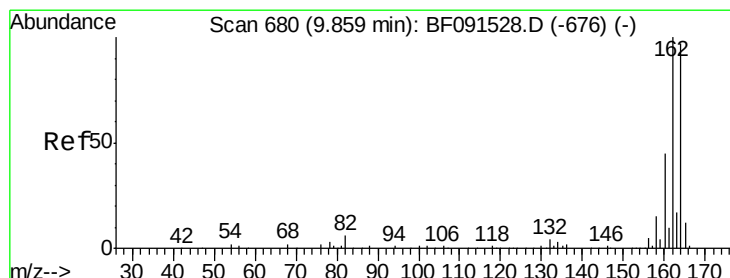
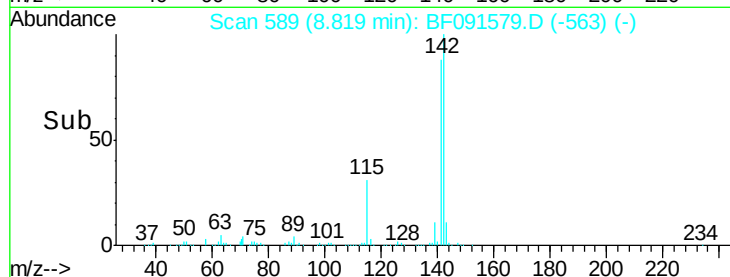
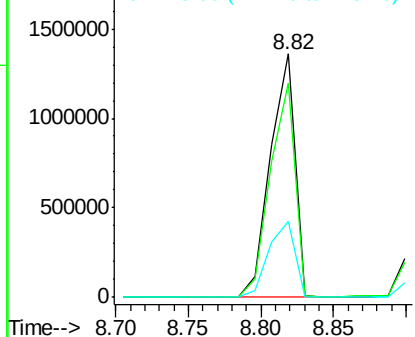
#37
 2-Methylnaphthalene
 Concen: 27.03 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:142 Resp: 1604614
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.7 107.5
 115 30.9 25.0 37.6

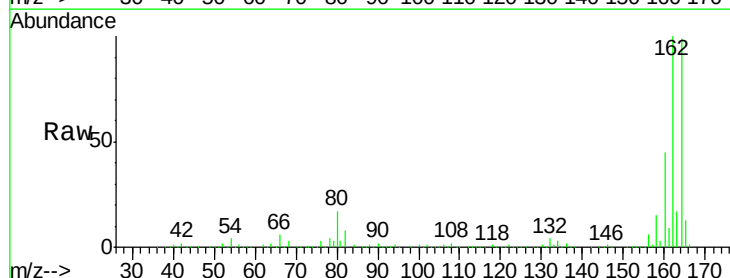


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

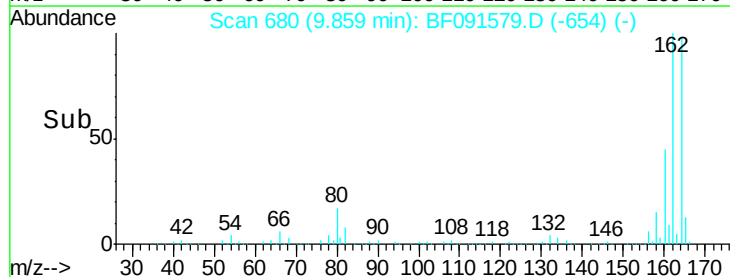
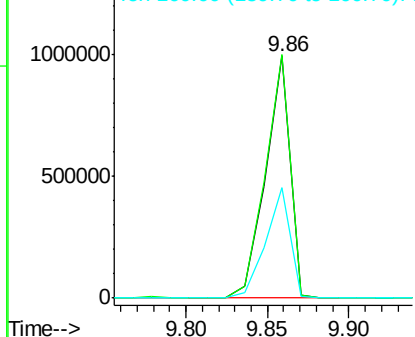


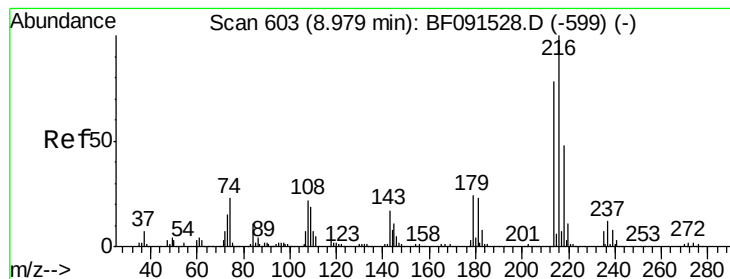
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:164 Resp: 1037524
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 124.0
 160 45.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.69 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 617339

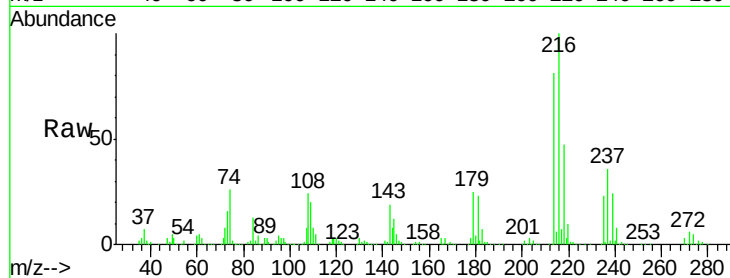
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 22.9 18.2 27.2

108 23.2 17.2 25.8

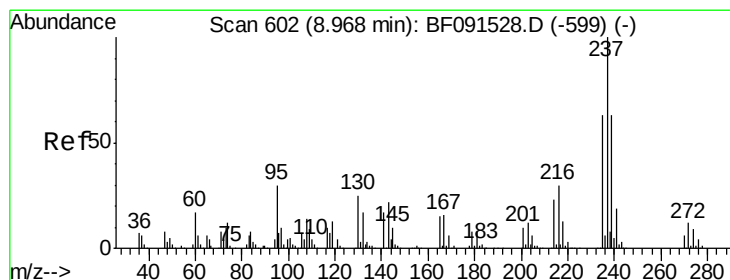
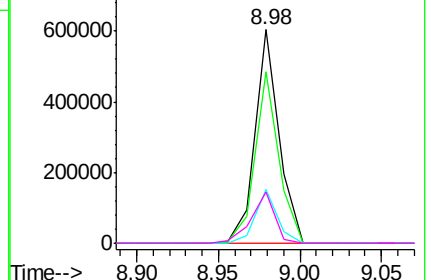
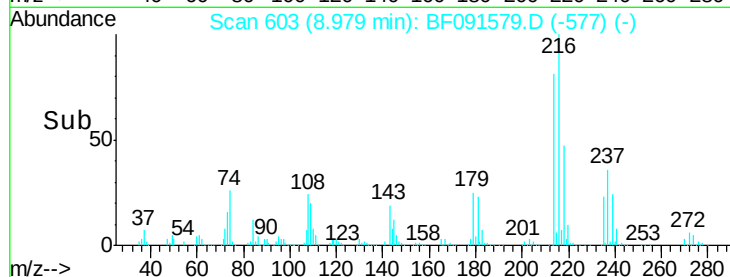


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.54 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

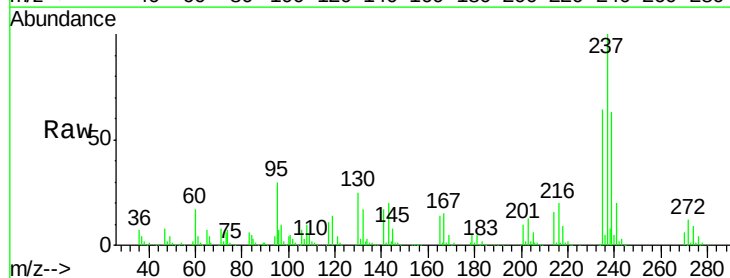
Tgt Ion:237 Resp: 526985

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

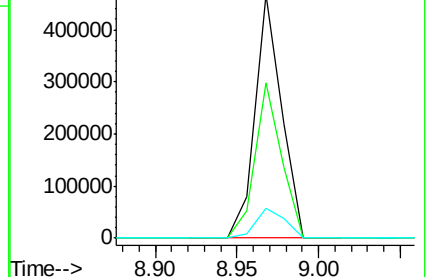
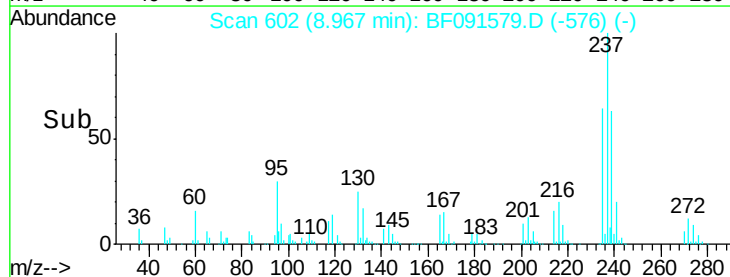
272 12.4 0.0 33.1

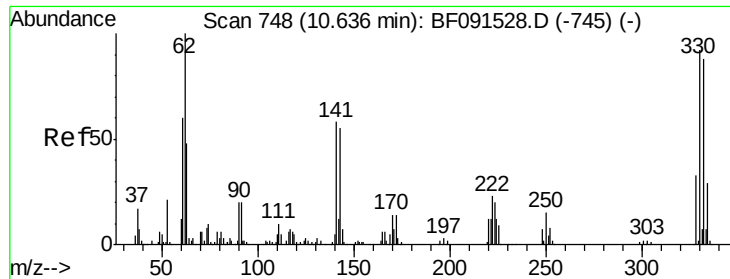


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

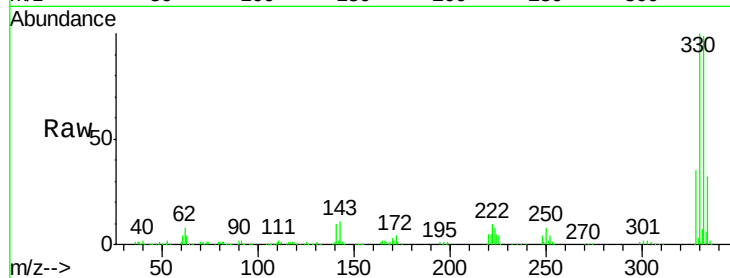




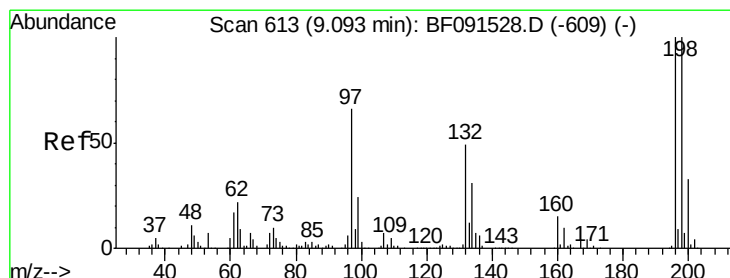
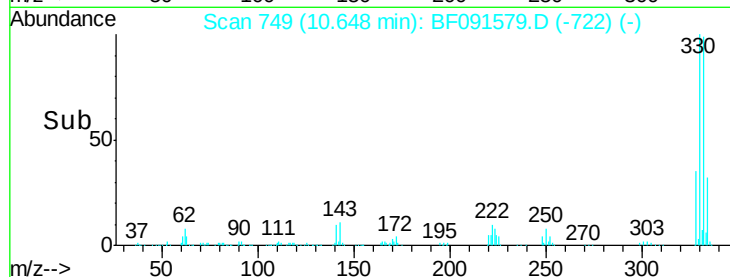
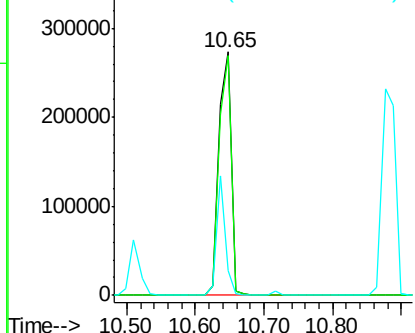
#41
 2,4,6-Tribromophenol
 Concen: 40.59 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 349812
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 34.7 33.6 50.4

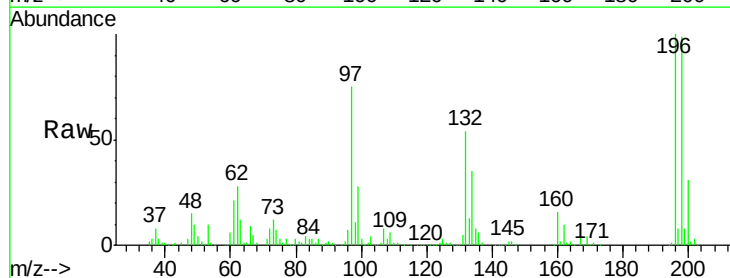


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

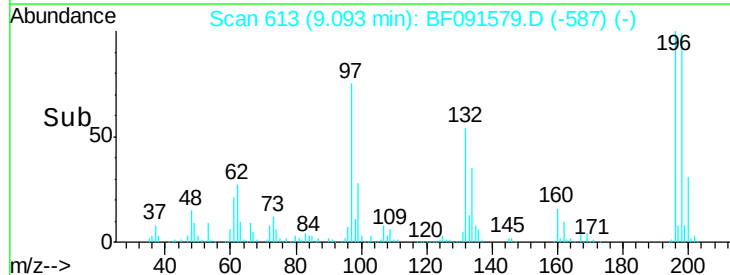
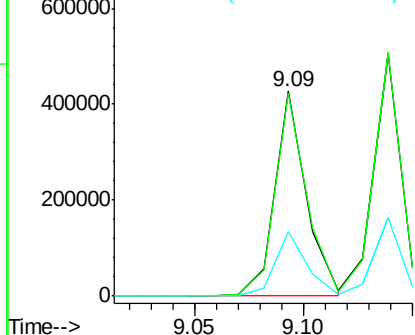


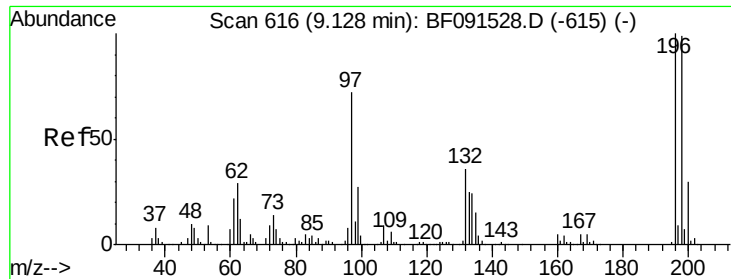
#42
 2,4,6-Trichlorophenol
 Concen: 23.67 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:196 Resp: 432807
 Ion Ratio Lower Upper
 196 100
 198 99.1 77.4 116.0
 200 31.5 25.2 37.8



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

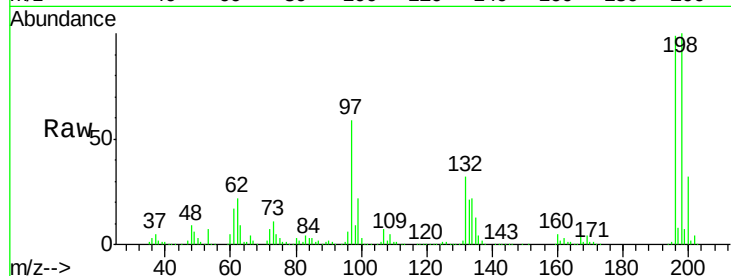




#43
 2,4,5-Trichlorophenol
 Concen: 23.70 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
196	445231		
198	100		
196	100.6	77.0	115.6
97	59.6	33.5	50.3#
132	32.5	20.5	30.7#



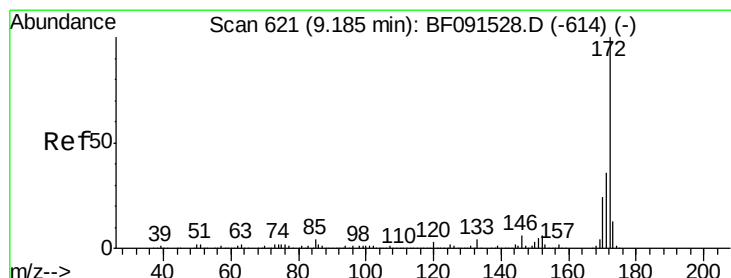
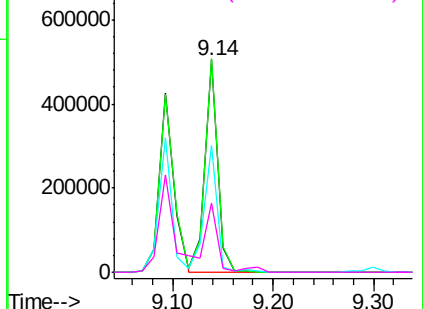
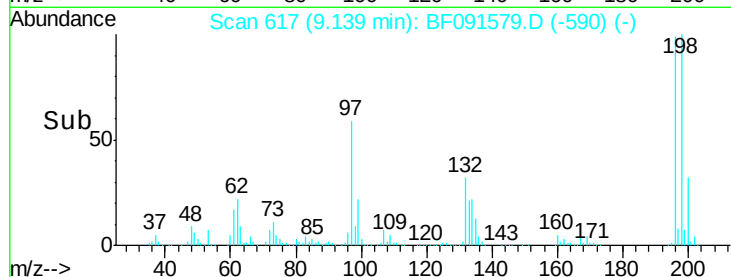
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

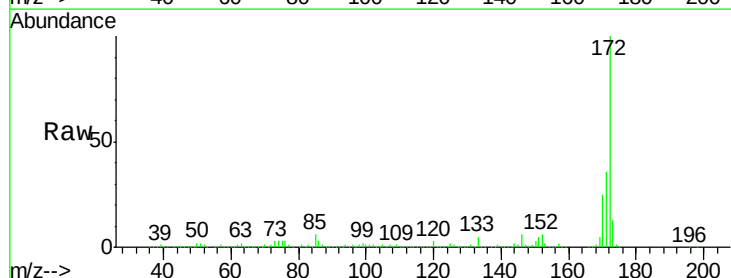
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.27 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion	Resp	Lower	Upper
172	3018330		
172	100		
171	36.5	29.4	44.0
170	24.9	19.7	29.5

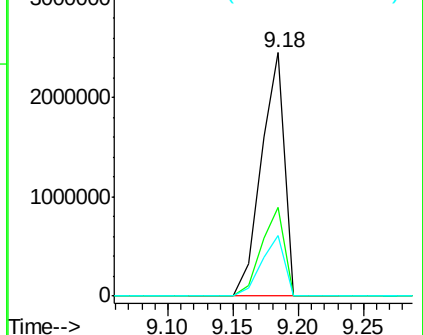
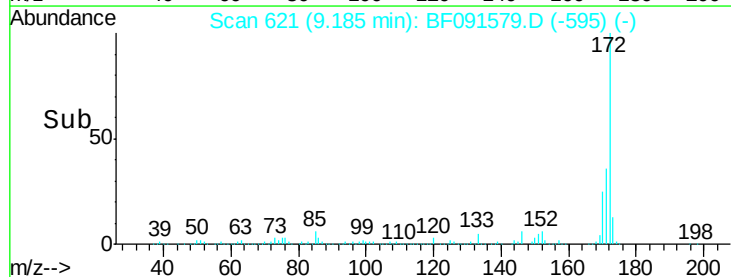


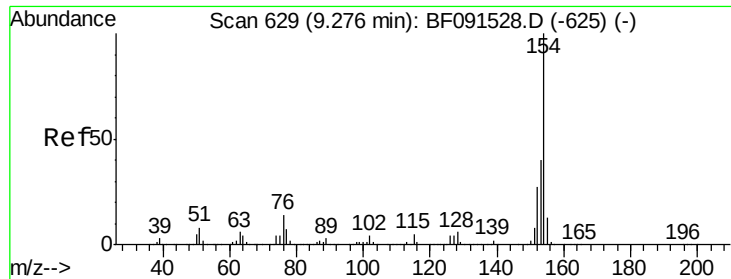
Abundance

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

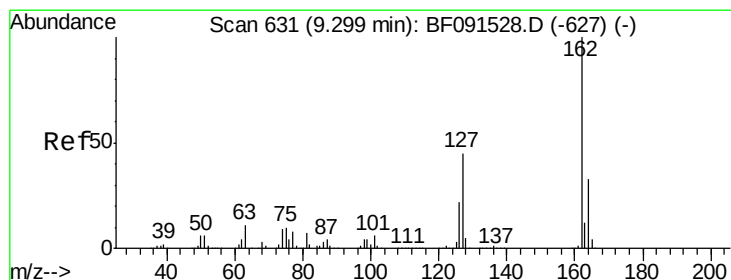
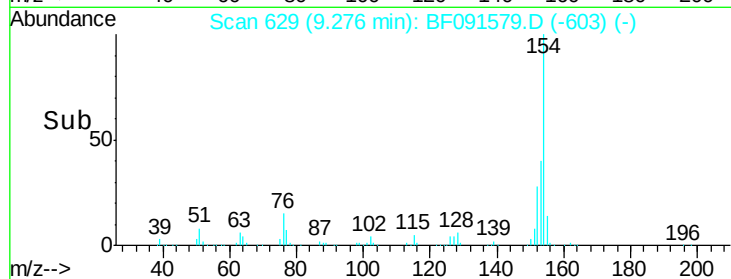
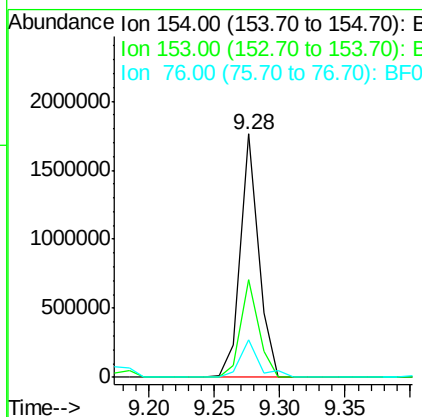
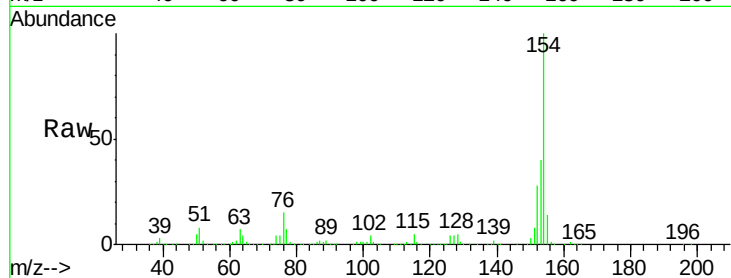




#45
 1,1'-Biphenyl
 Concen: 22.64 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

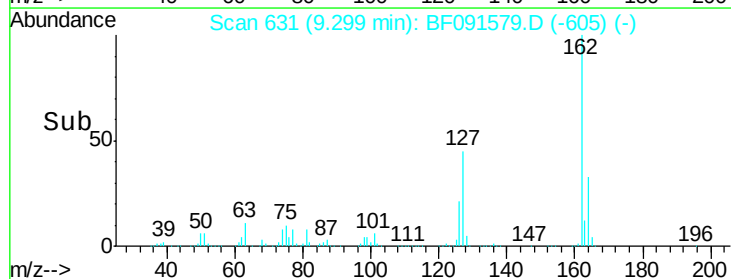
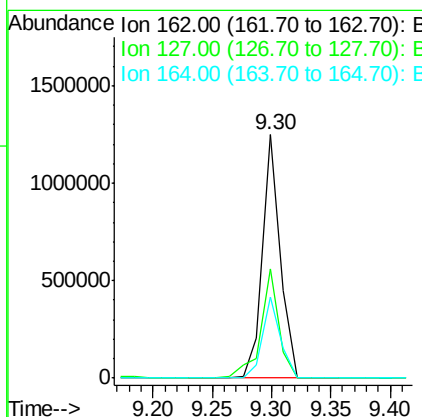
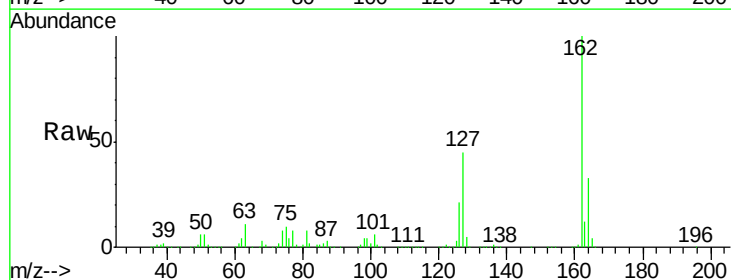
Instrument :
 BNA_F
 ClientSampleId :

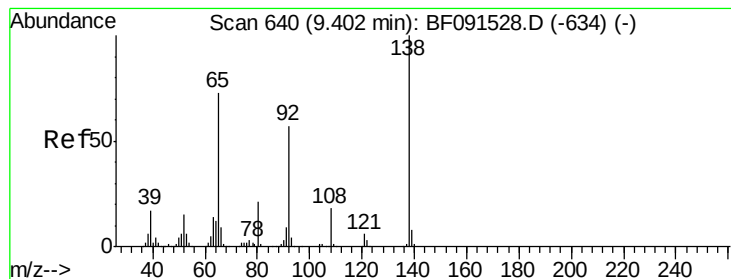
Tgt Ion:154 Resp: 1701195
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 15.4 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 22.58 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:162 Resp: 1314147
 Ion Ratio Lower Upper
 162 100
 127 44.9 34.3 51.5
 164 33.3 26.6 40.0





#47

2-Nitroaniline

Concen: 25.69 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

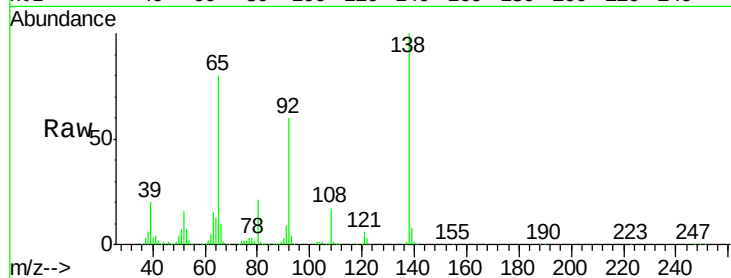
Tgt Ion: 65 Resp: 502673

Ion Ratio Lower Upper

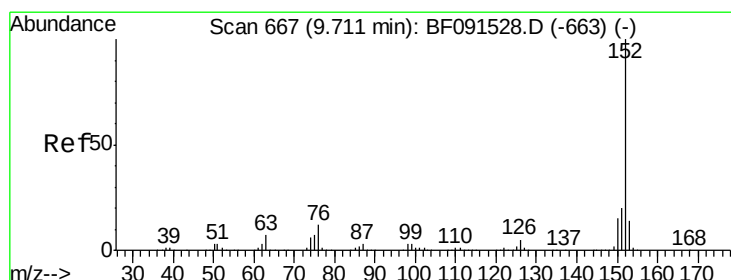
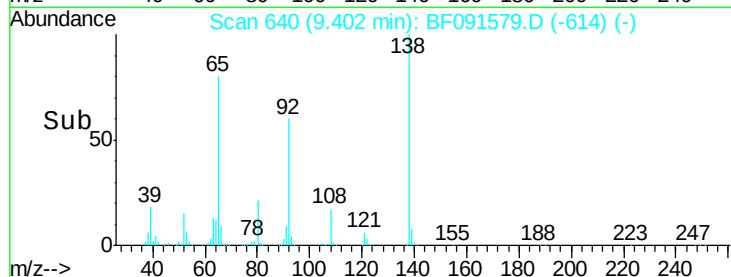
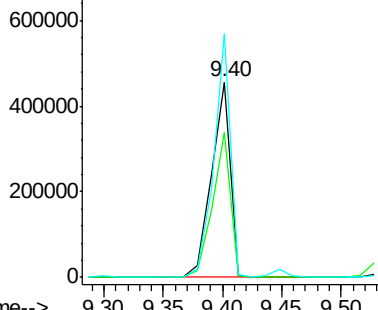
65 100

92 74.4 53.6 80.4

138 124.5 91.0 136.6



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



#48

Acenaphthylene

Concen: 24.13 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

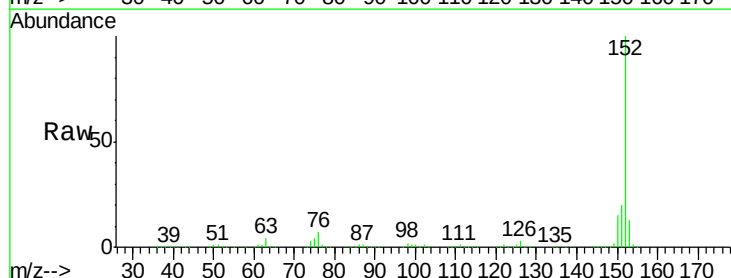
Tgt Ion: 152 Resp: 2140808

Ion Ratio Lower Upper

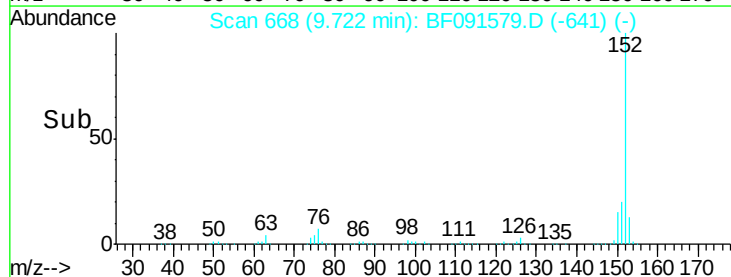
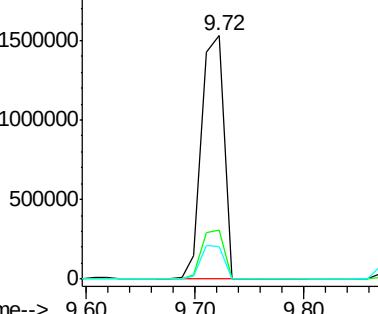
152 100

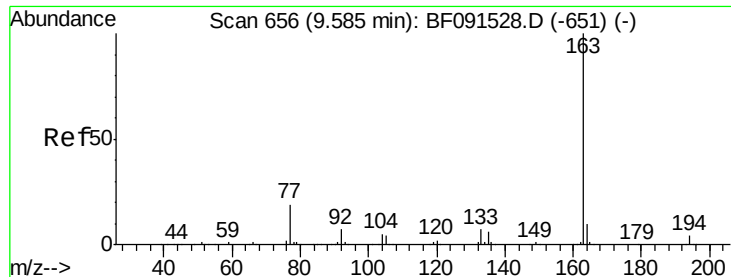
151 20.4 16.6 24.8

153 13.4 10.7 16.1



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

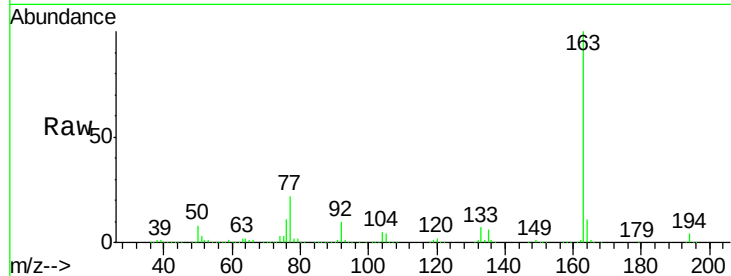




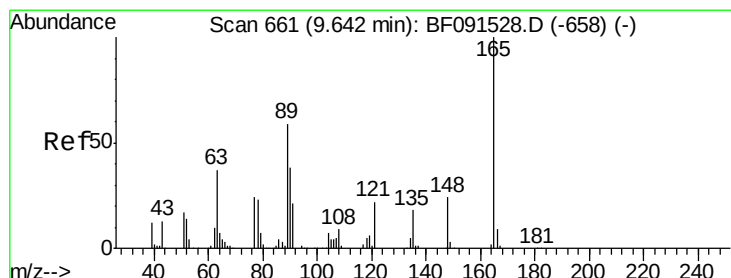
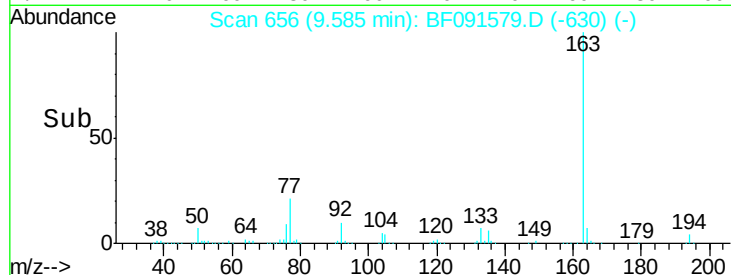
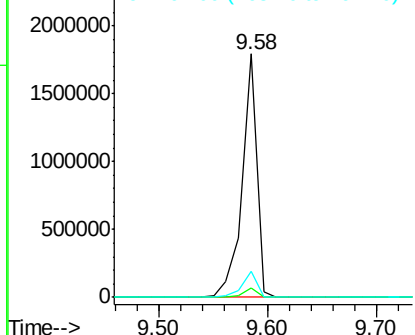
#49
Dimethylphthalate
Concen: 25.08 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 1647859
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.6 7.8 11.8

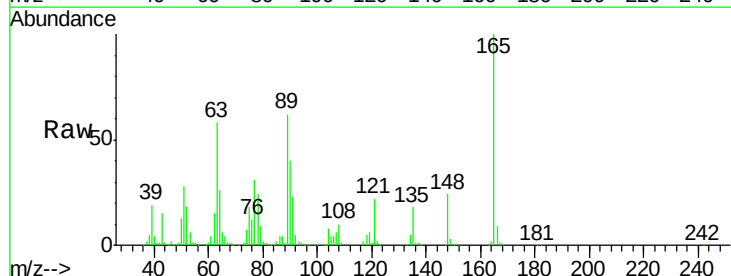


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

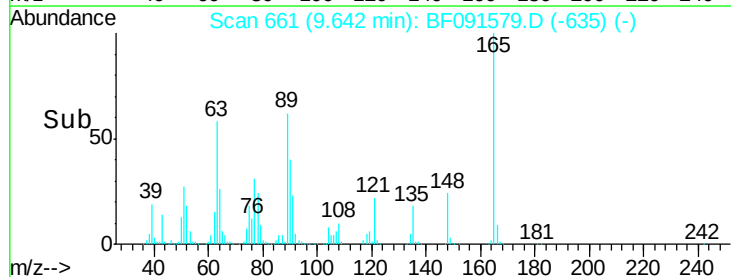
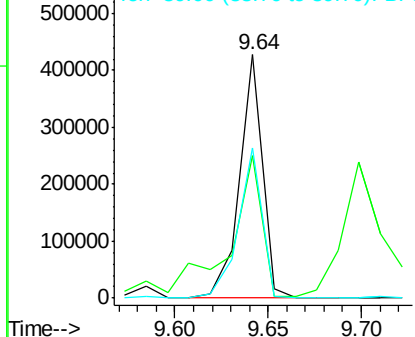


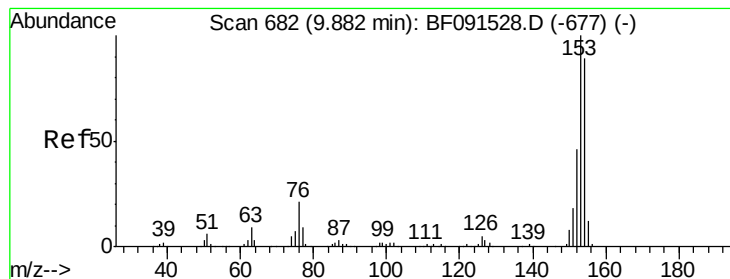
#50
2,6-Dinitrotoluene
Concen: 25.54 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:165 Resp: 368243
Ion Ratio Lower Upper
165 100
63 58.3 59.4 89.0#
89 61.7 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: 24.08 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

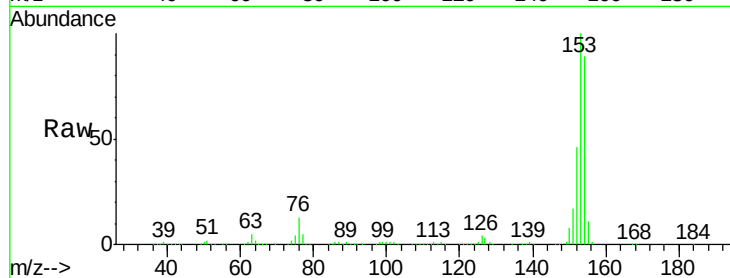
Tgt Ion:154 Resp: 1483598

Ion Ratio Lower Upper

154 100

153 111.9 91.0 136.6

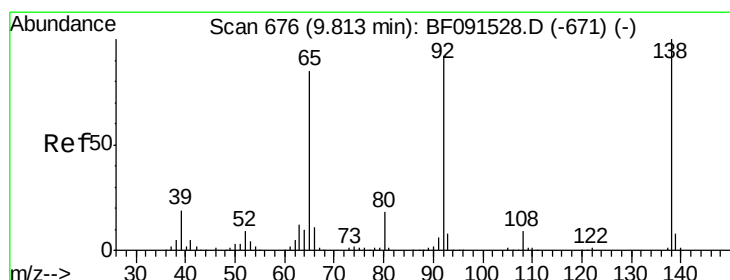
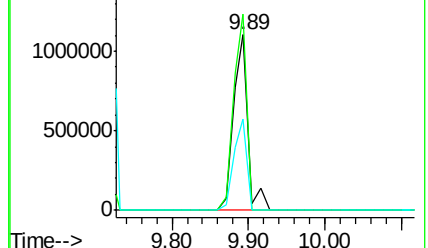
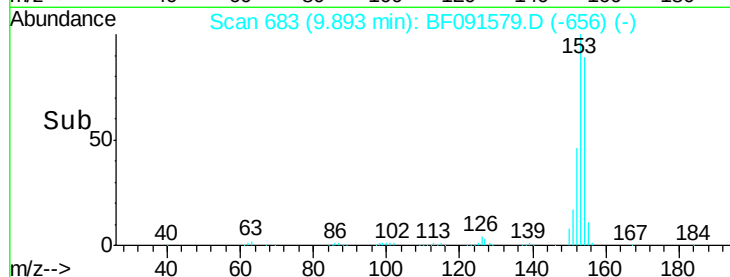
152 51.8 44.2 66.2



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: 13.29 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

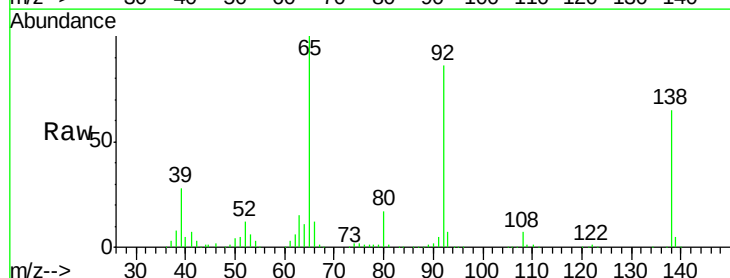
Tgt Ion:138 Resp: 225169

Ion Ratio Lower Upper

138 100

108 11.0 8.1 12.1

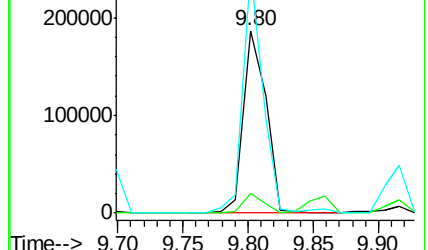
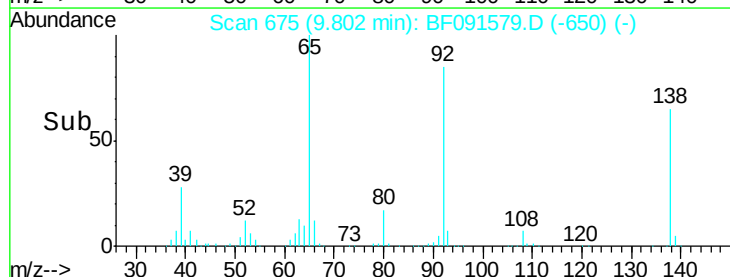
92 133.3 92.5 138.7

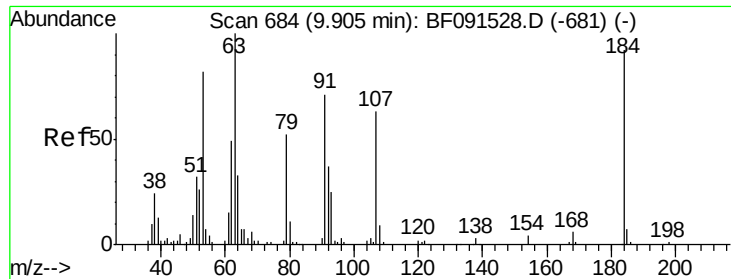


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

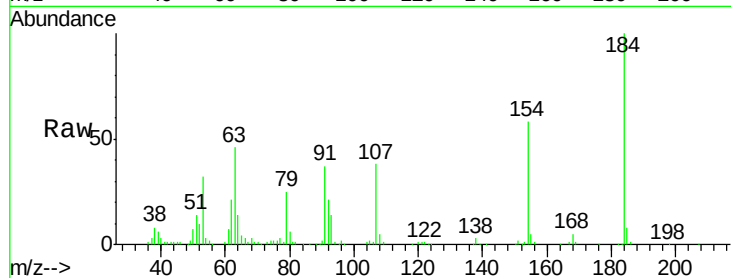




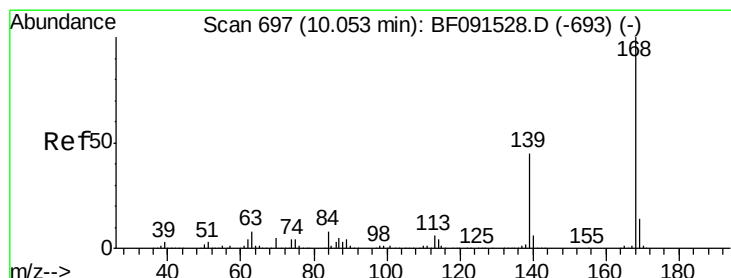
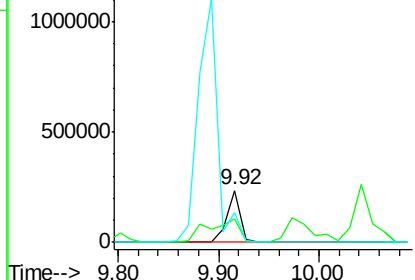
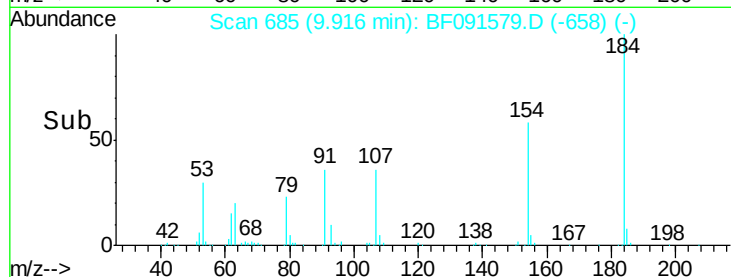
#53
2,4-Dinitrophenol
Concen: 35.34 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Instrument :
BNA_F
ClientSampled :

Tgt Ion:184 Resp: 220697
Ion Ratio Lower Upper
184 100
63 45.6 58.3 87.5#
154 57.9 48.6 73.0

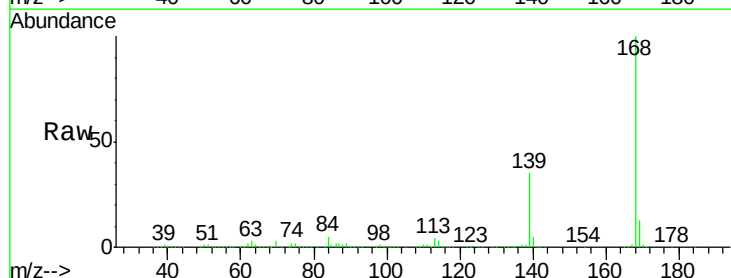


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

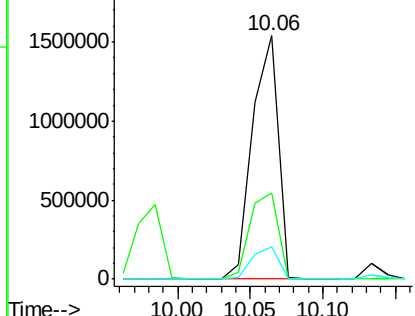
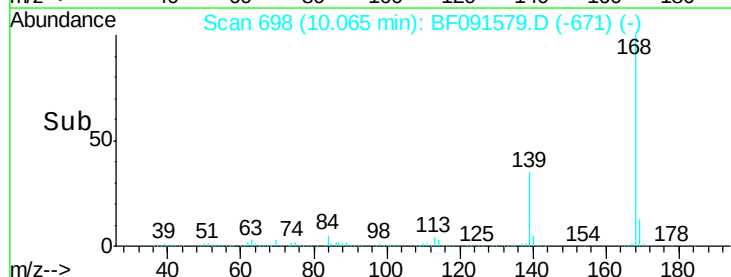


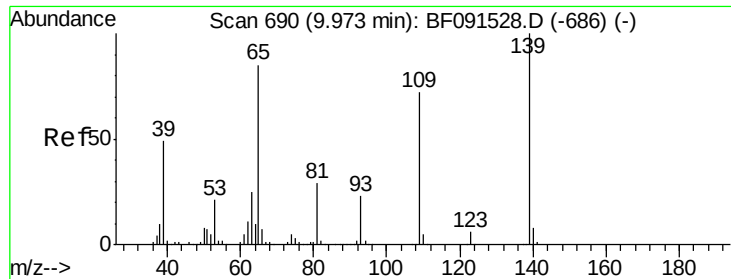
#54
Dibenzofuran
Concen: 24.95 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:168 Resp: 1902214
Ion Ratio Lower Upper
168 100
139 35.1 33.4 50.2
169 13.3 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: 47.55 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

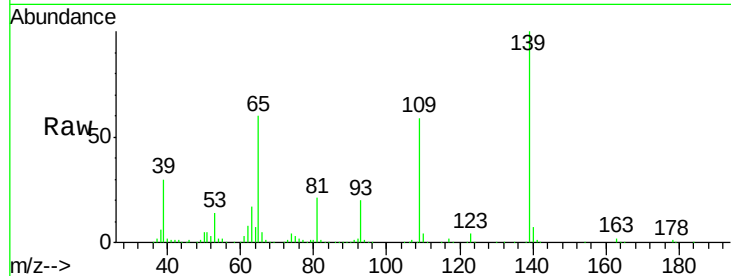
Tgt Ion:139 Resp: 599179

Ion Ratio Lower Upper

139 100

109 58.6 54.9 94.9

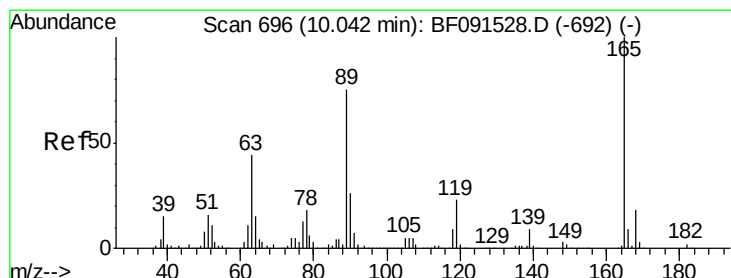
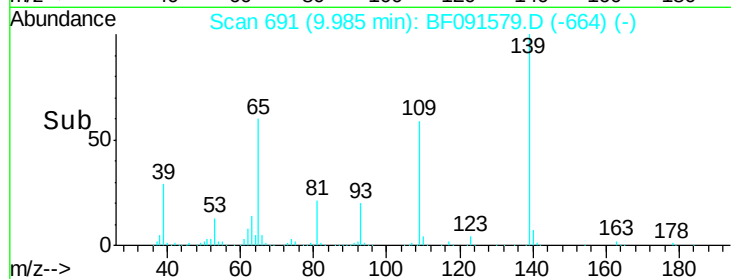
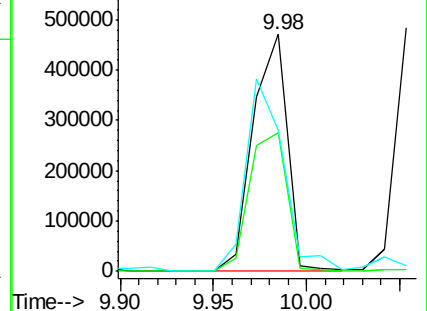
65 59.9 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 24.99 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Tgt Ion:165 Resp: 451752

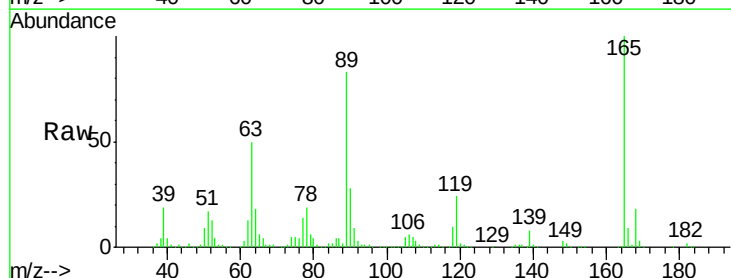
Ion Ratio Lower Upper

165 100

63 50.4 29.0 43.4#

89 83.0 43.1 64.7#

182 2.3 1.9 2.9

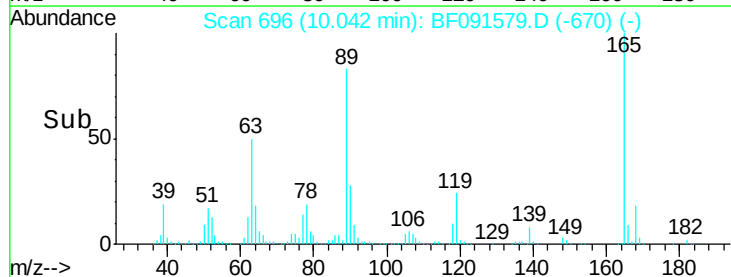
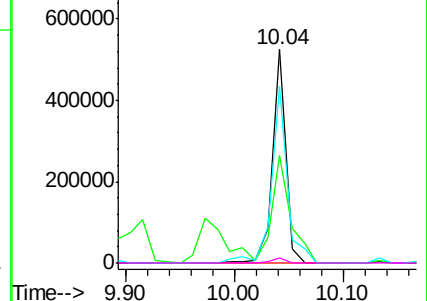


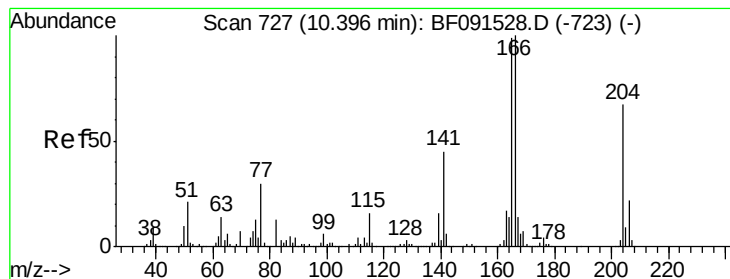
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 21.79 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

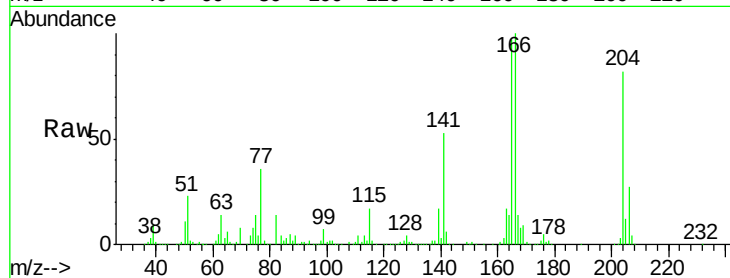
Tgt Ion:166 Resp: 1326515

Ion Ratio Lower Upper

166 100

165 97.3 80.0 120.0

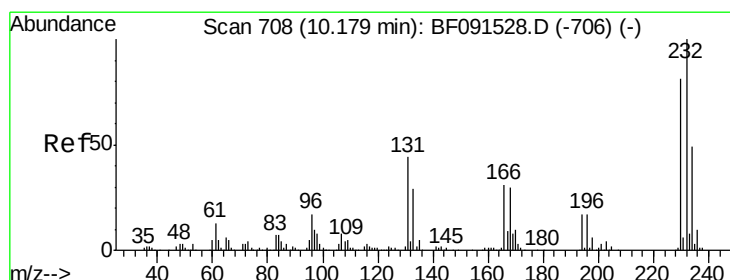
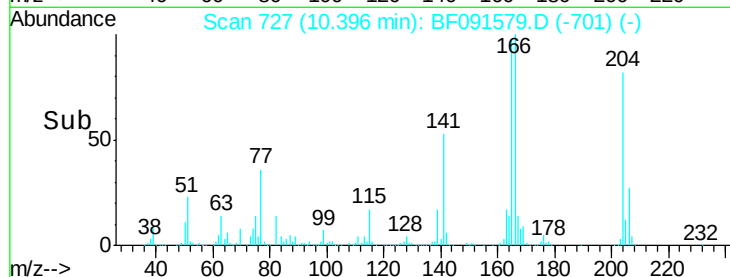
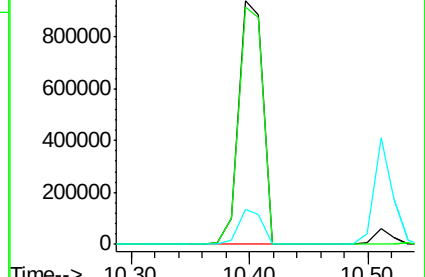
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.94 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Tgt Ion:232 Resp: 366868

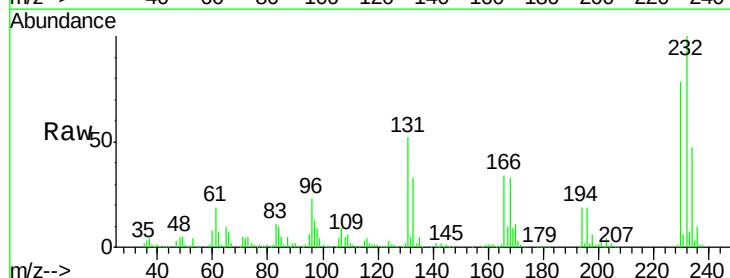
Ion Ratio Lower Upper

232 100

131 51.9 38.4 57.6

130 2.4 1.8 2.8

166 33.1 23.9 35.9

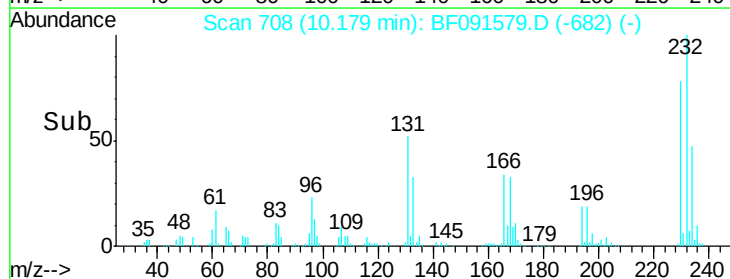
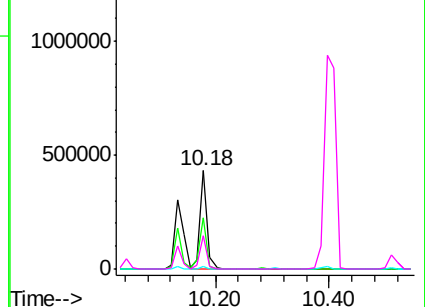


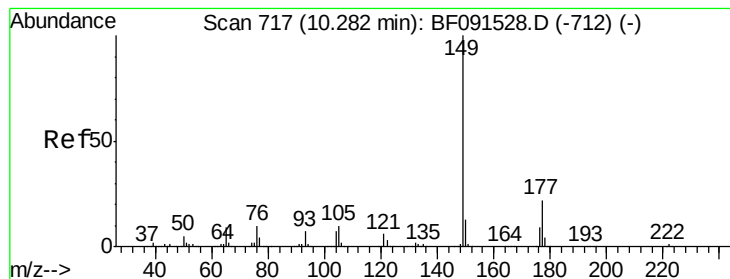
Abundance Ion 232.00 (231.70 to 232.70): E

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: 25.30 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

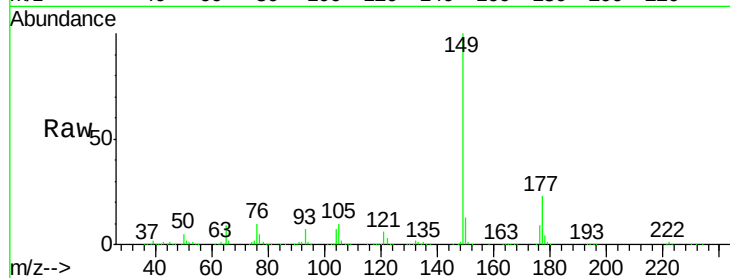
Tgt Ion:149 Resp: 1600202

Ion Ratio Lower Upper

149 100

177 22.7 15.7 23.5

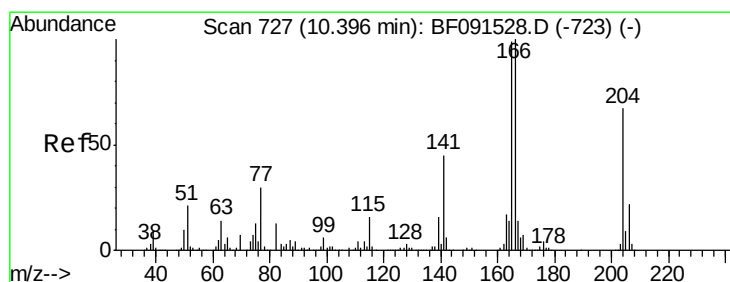
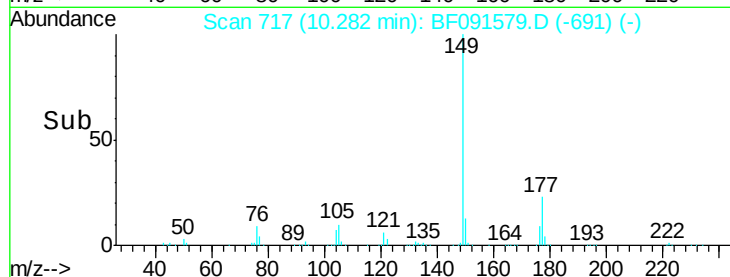
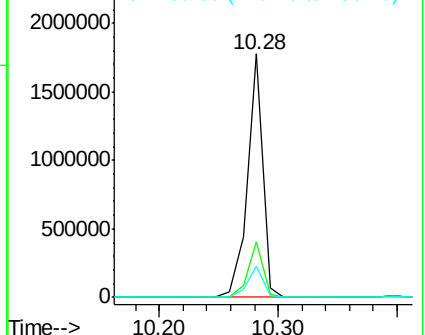
150 12.7 10.2 15.2



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: 23.47 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

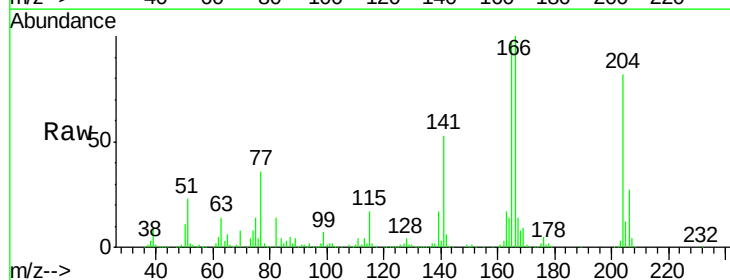
Tgt Ion:204 Resp: 643188

Ion Ratio Lower Upper

204 100

206 32.9 26.1 39.1

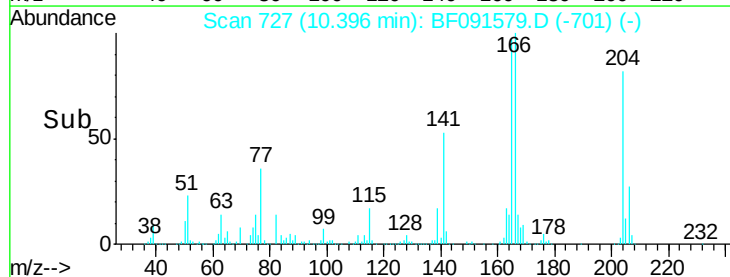
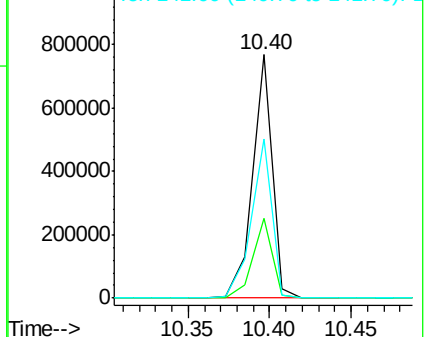
141 65.3 40.6 61.0#

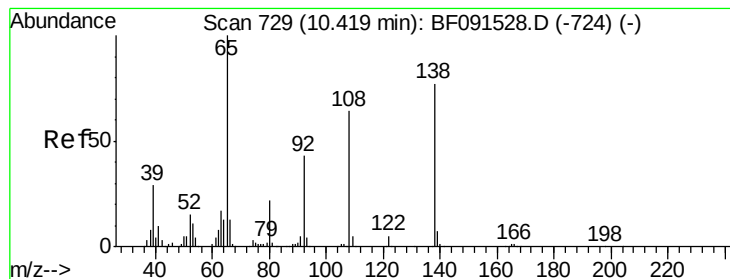


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 19.59 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

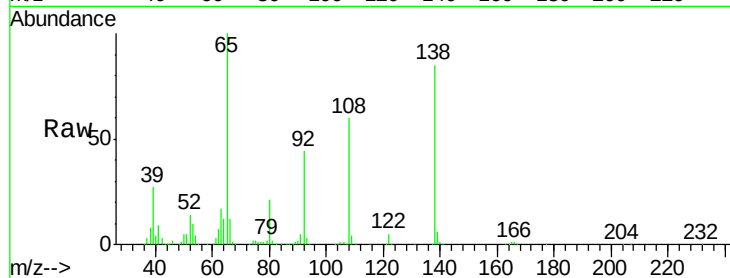
Tgt Ion:138 Resp: 329760

Ion Ratio Lower Upper

138 100

92 52.3 26.9 66.9

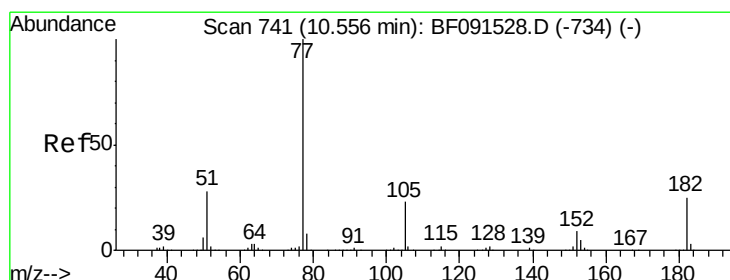
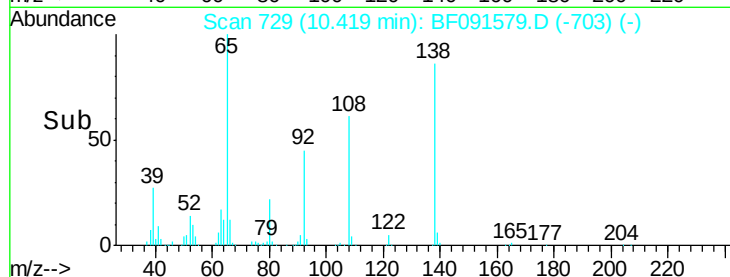
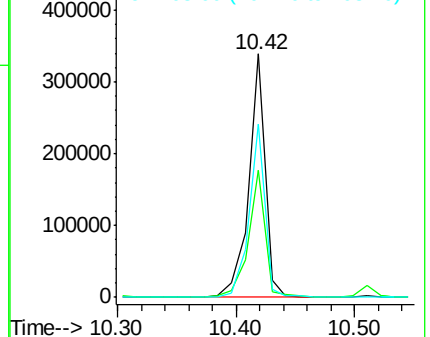
108 71.1 49.1 89.1



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: 25.90 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Tgt Ion: 77 Resp: 1856411

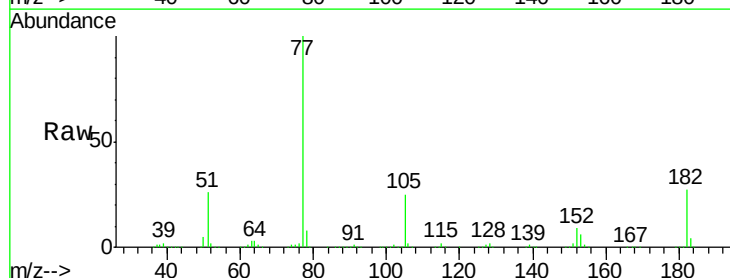
Ion Ratio Lower Upper

77 100

182 26.5 12.5 52.5

105 25.1 3.7 43.7

51 26.3 11.9 51.9

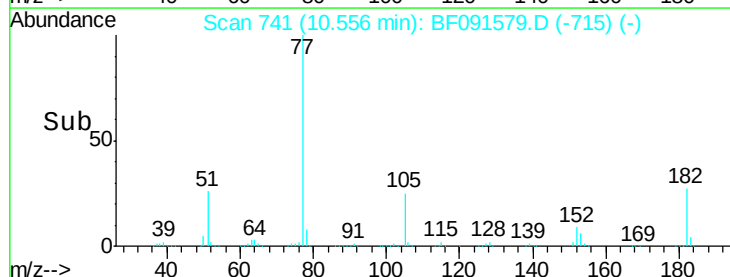
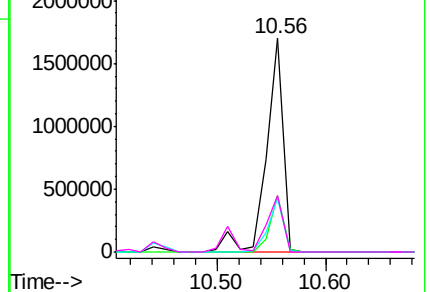


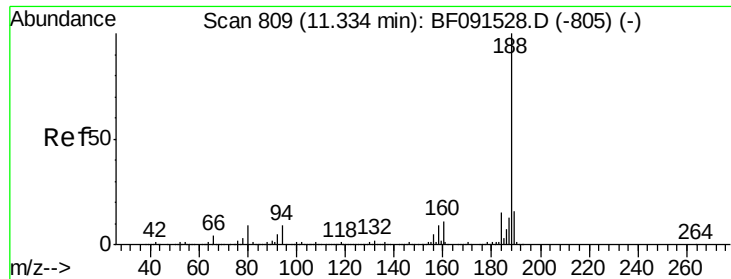
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

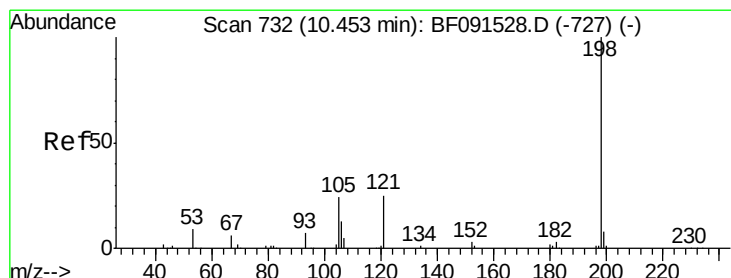
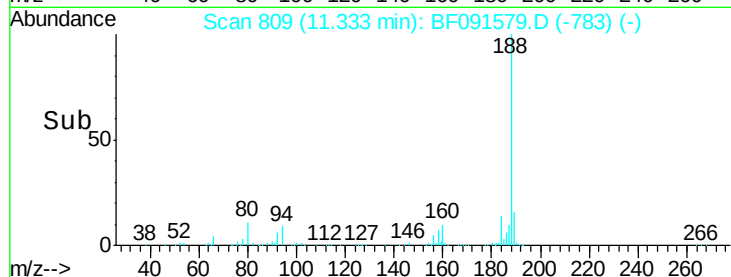
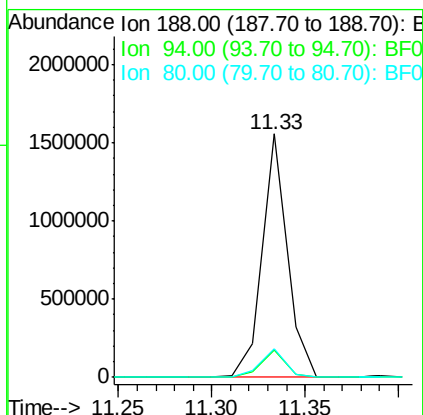
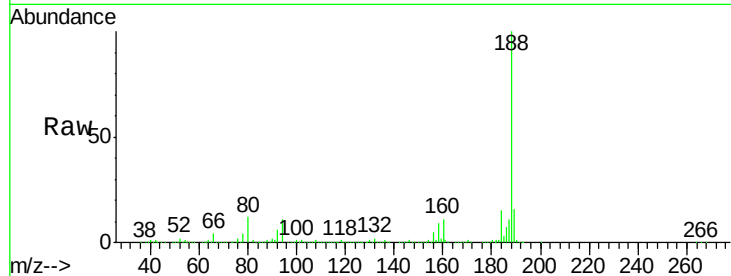




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

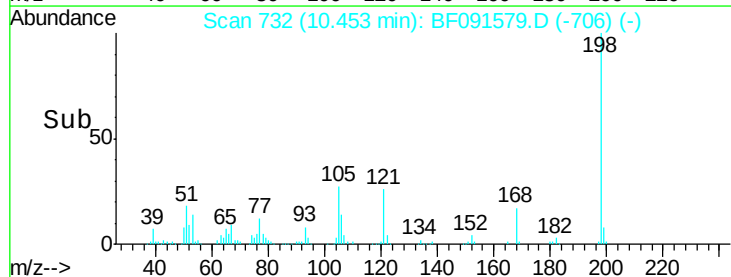
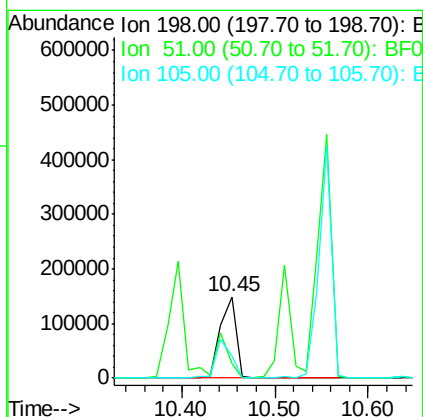
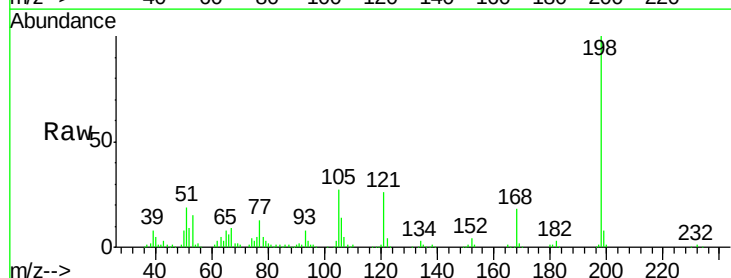
Instrument :
BNA_F
ClientSampleId :

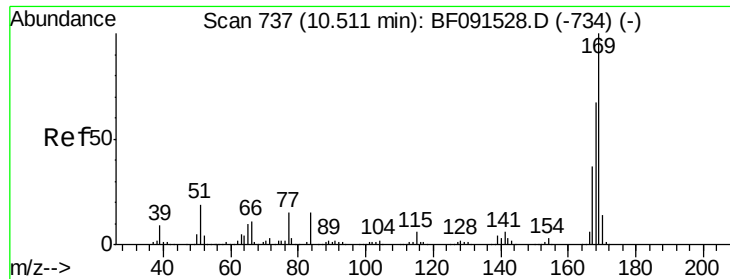
Tgt Ion:188 Resp: 1442773
Ion Ratio Lower Upper
188 100
94 11.0 9.2 13.8
80 11.7 10.5 15.7



#64
4,6-Dinitro-2-methylphenol
Concen: 21.85 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:198 Resp: 176440
Ion Ratio Lower Upper
198 100
51 18.6 77.1 117.1#
105 27.4 44.8 84.8#

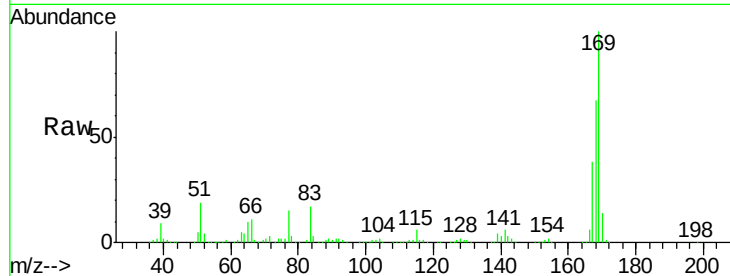




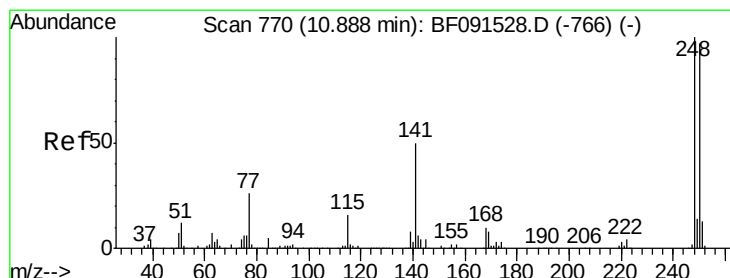
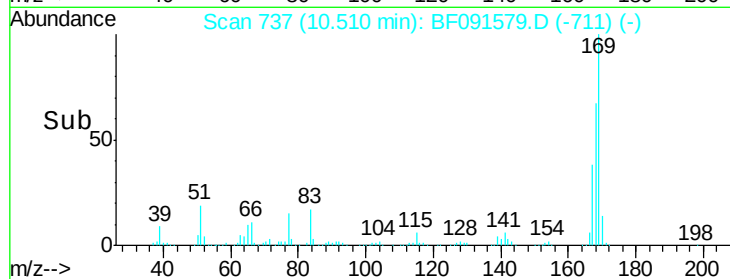
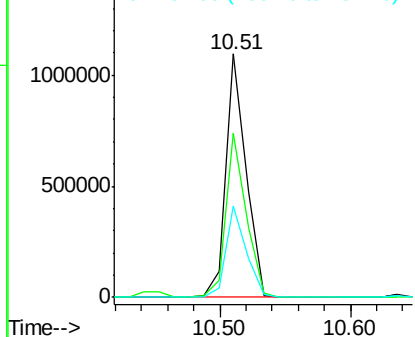
#65
 n-Nitrosodiphenylamine
 Concen: 27.11 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:169 Resp: 1165896
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.8 80.8
 167 37.6 29.8 44.8

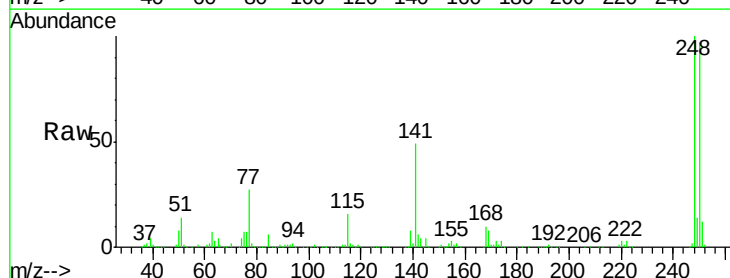


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

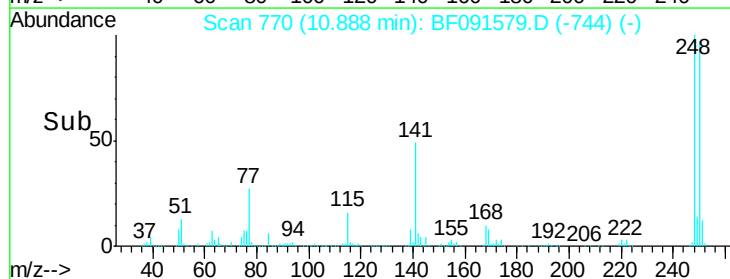
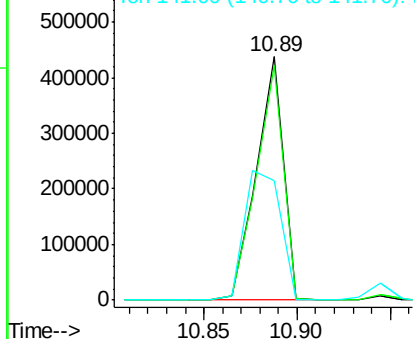


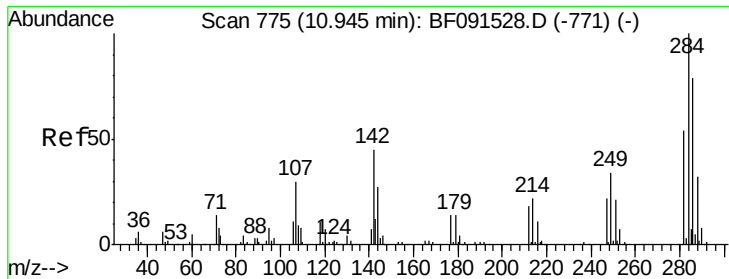
#66
 4-Bromophenyl-phenylether
 Concen: 29.56 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:248 Resp: 437239
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.2 117.4
 141 48.8 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: 25.71 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

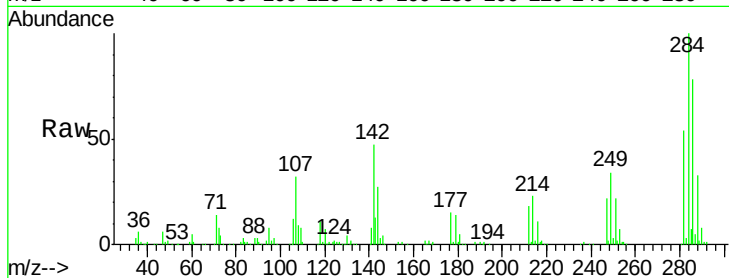
Tgt Ion:284 Resp: 395458

Ion Ratio Lower Upper

284 100

142 47.1 17.9 26.9#

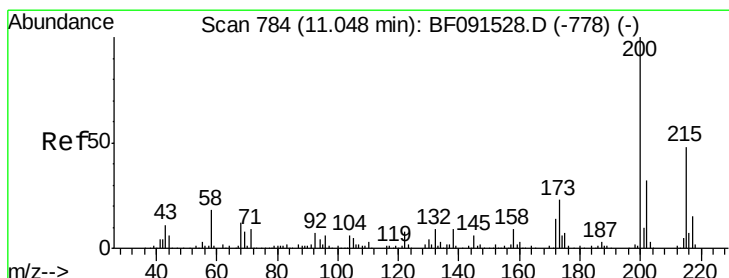
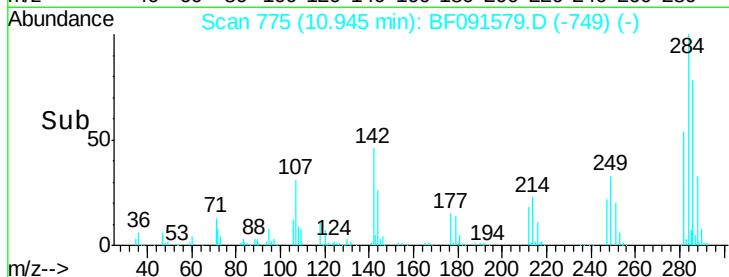
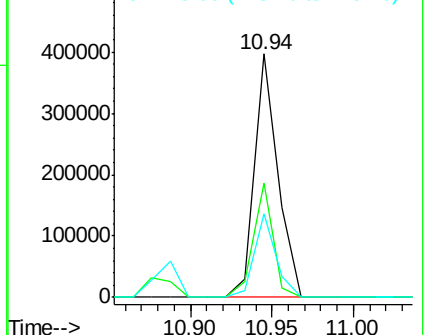
249 34.1 23.6 35.4



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: 32.78 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

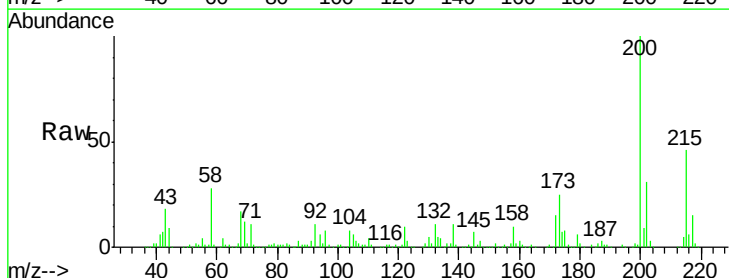
Tgt Ion:200 Resp: 453410

Ion Ratio Lower Upper

200 100

173 24.8 7.8 47.8

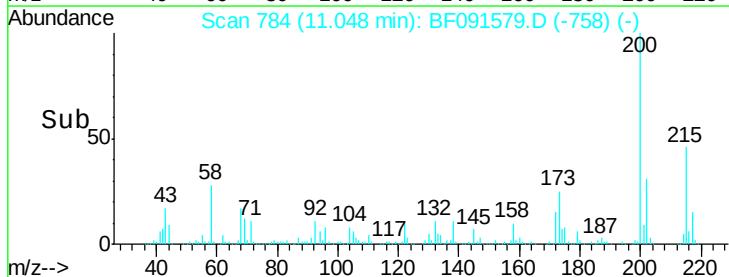
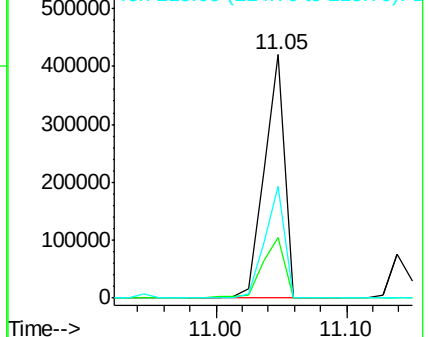
215 45.9 24.3 64.3

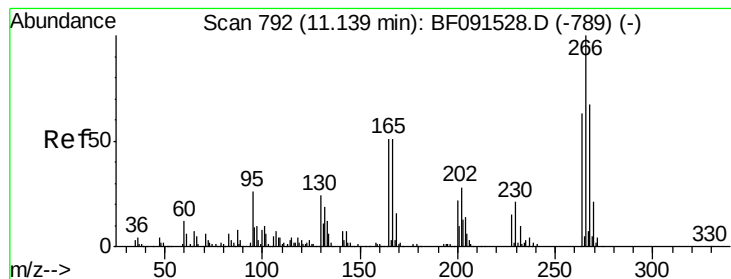


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 45.50 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

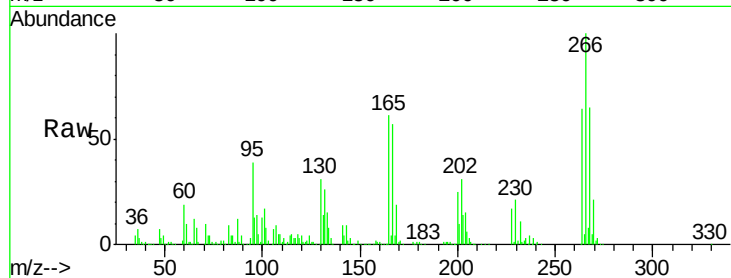
Tgt Ion:266 Resp: 393857

Ion Ratio Lower Upper

266 100

268 65.3 50.3 75.5

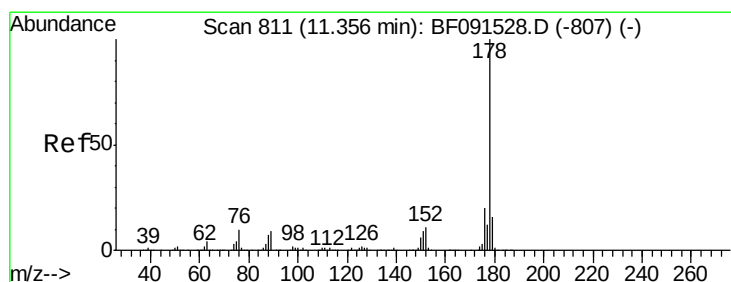
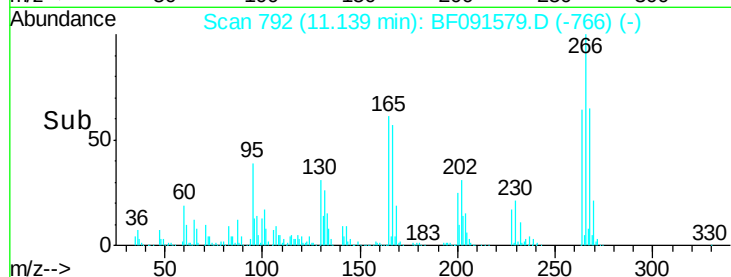
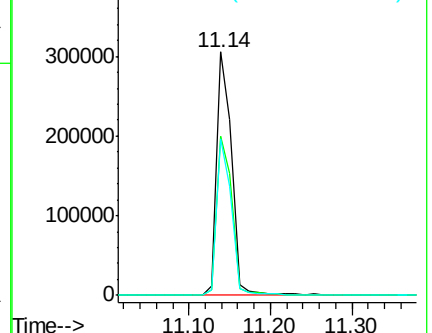
264 64.2 48.2 72.2



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: 25.55 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

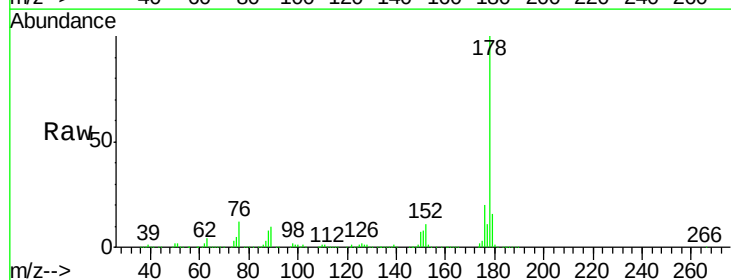
Tgt Ion:178 Resp: 1825819

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

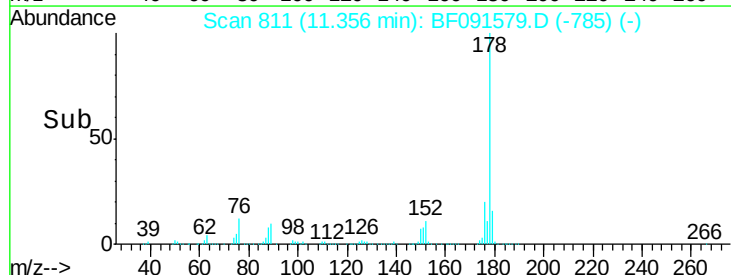
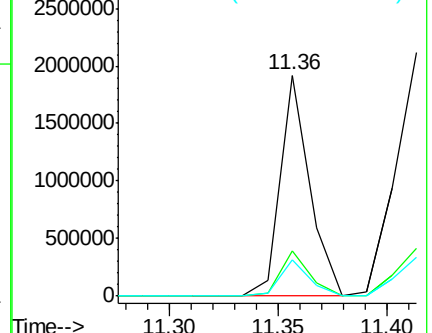
179 16.3 12.6 18.8

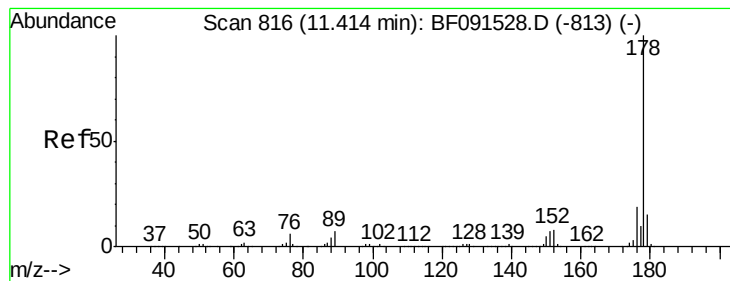


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 27.88 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

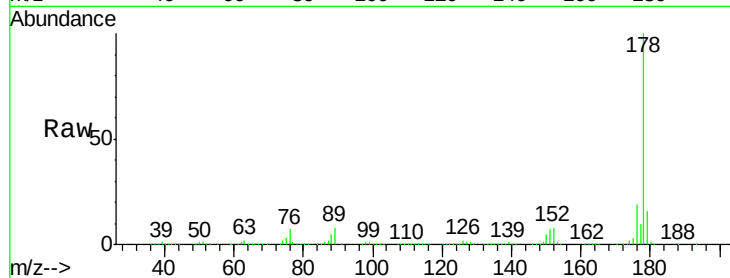
Tgt Ion:178 Resp: 2148768

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

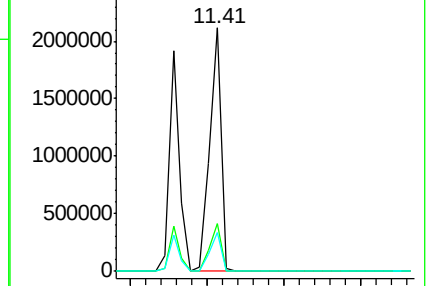
179 16.0 12.7 19.1



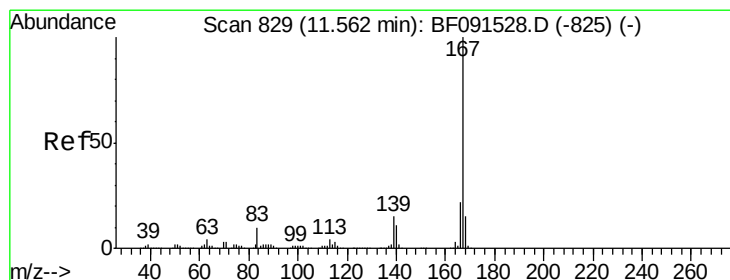
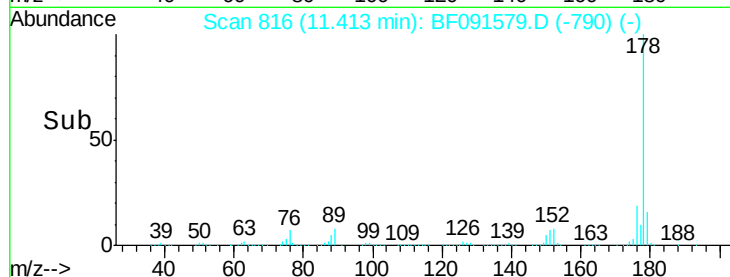
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.30 11.40 11.50 11.60



#72

Carbazole

Concen: 24.14 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

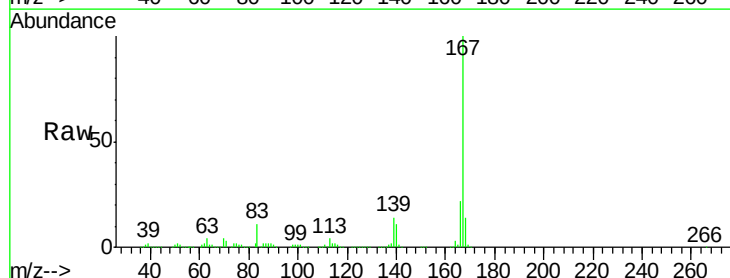
Tgt Ion:167 Resp: 1630468

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

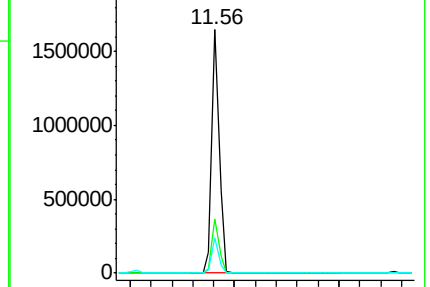
139 14.5 11.5 17.3



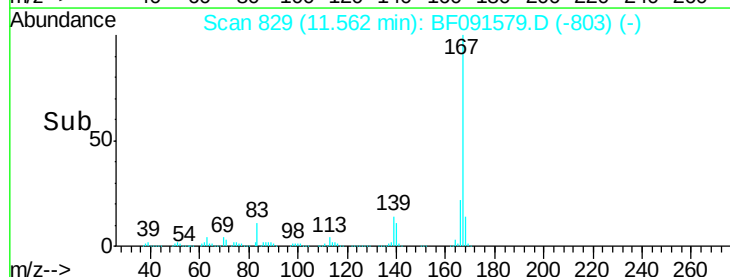
Abundance Ion 167.00 (166.70 to 167.70): E

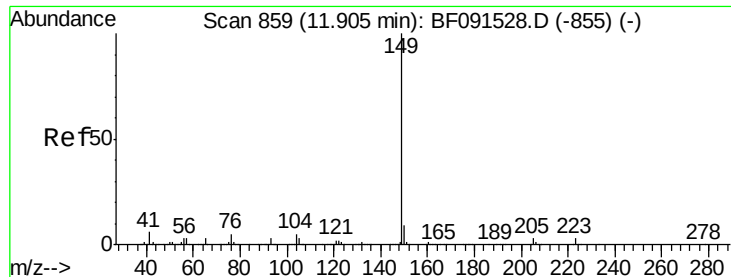
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.40 11.60 11.80





#73

Di-n-butylphthalate

Concen: 30.17 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

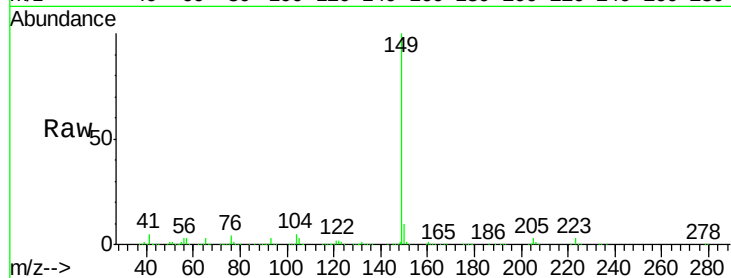
Tgt Ion:149 Resp: 2374720

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

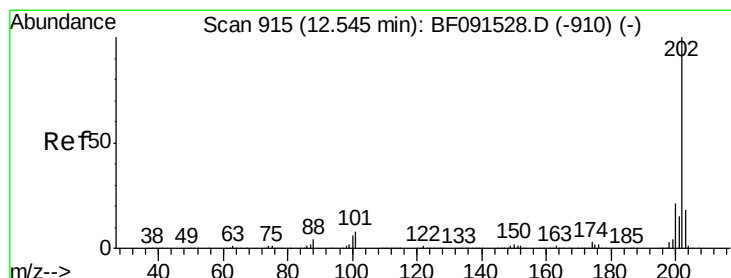
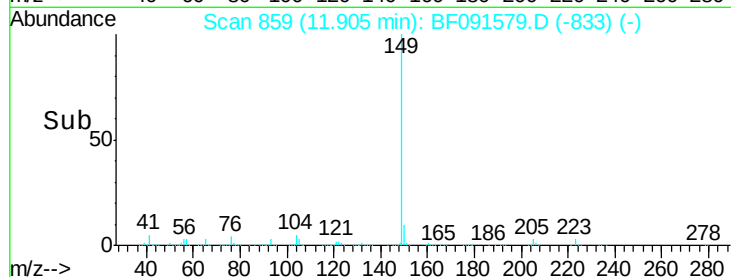
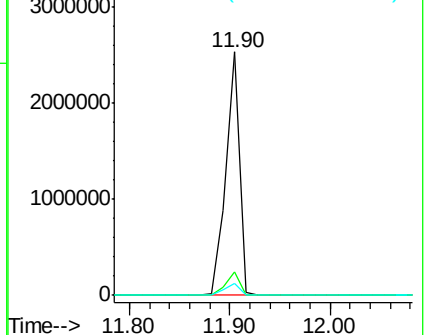
104 4.7 4.0 6.0



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: 24.81 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

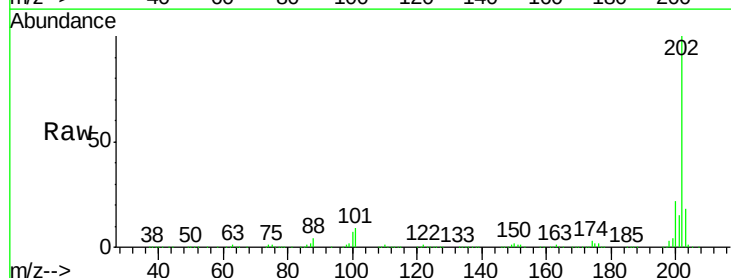
Tgt Ion:202 Resp: 1855797

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.5

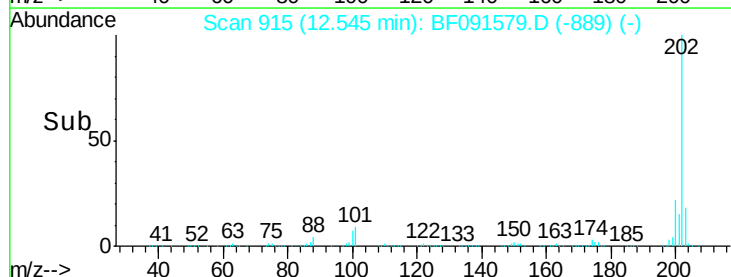
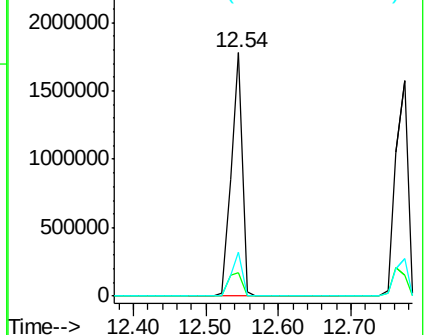
203 18.1 0.0 37.8

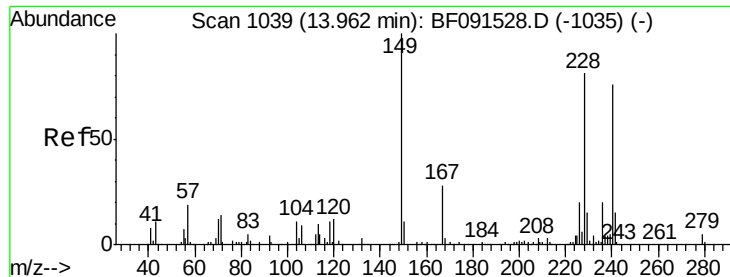


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

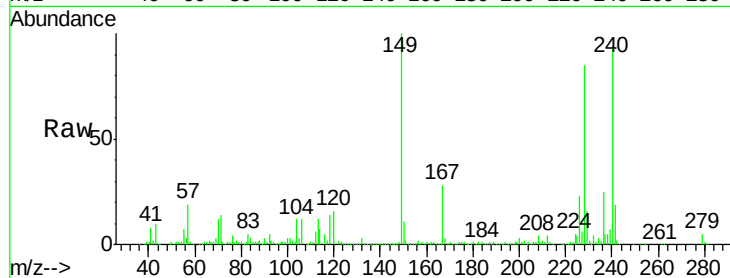
Tgt Ion:240 Resp: 864443

Ion Ratio Lower Upper

240 100

120 17.4 12.1 18.1

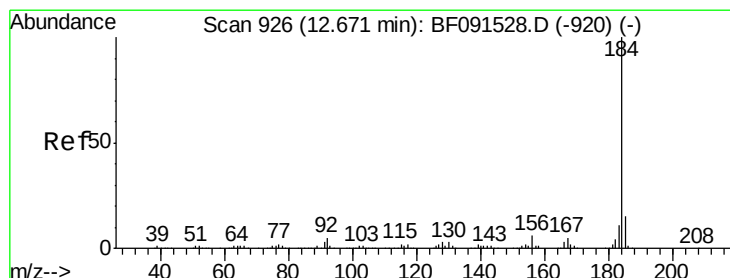
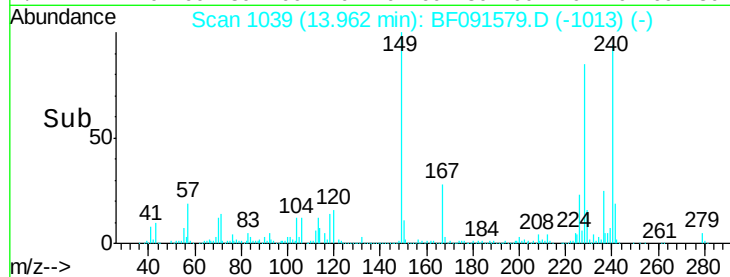
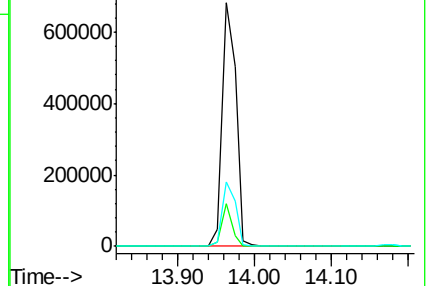
236 26.6 21.0 31.6



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: 23.76 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

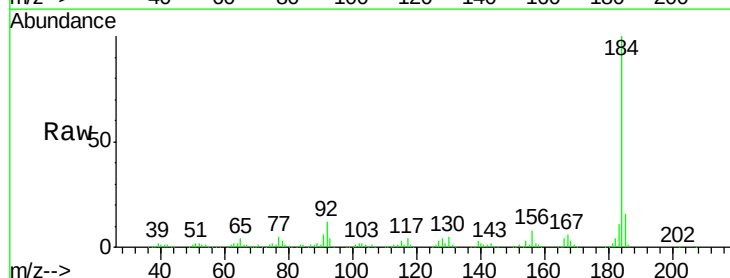
Tgt Ion:184 Resp: 635023

Ion Ratio Lower Upper

184 100

185 15.6 13.1 19.7

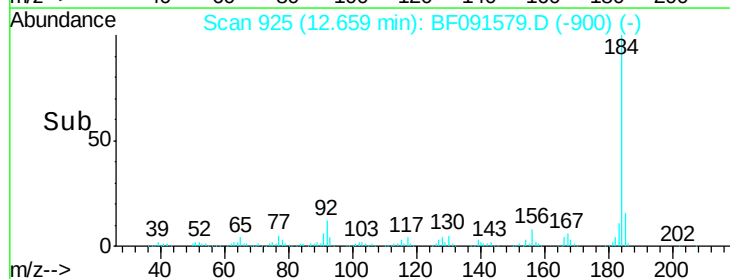
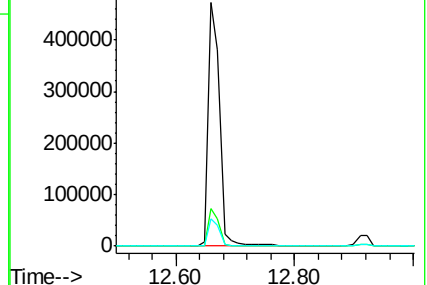
183 11.1 8.9 13.3

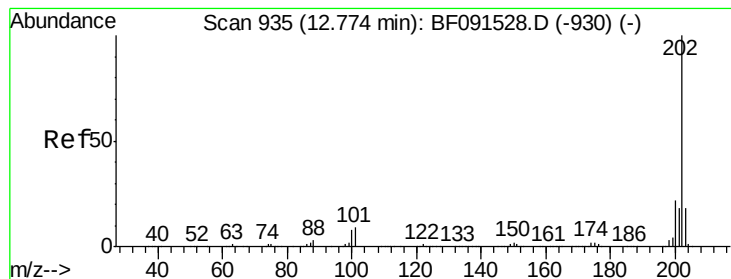


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 27.00 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

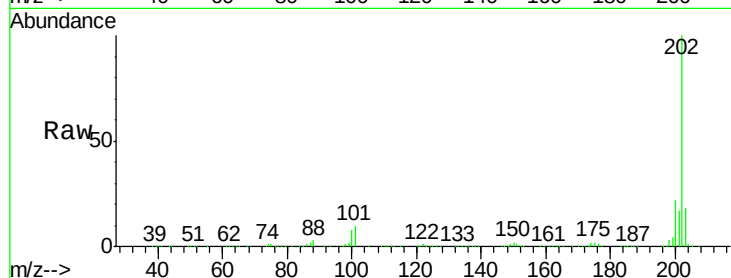
Tgt Ion:202 Resp: 1851697

Ion Ratio Lower Upper

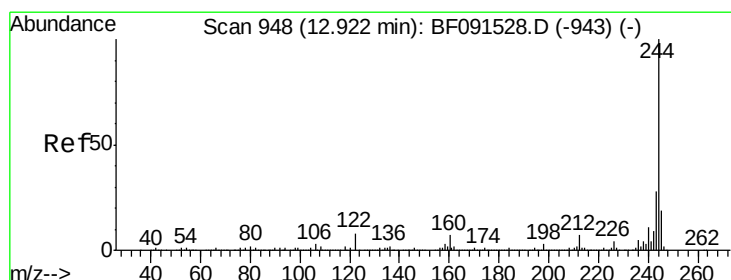
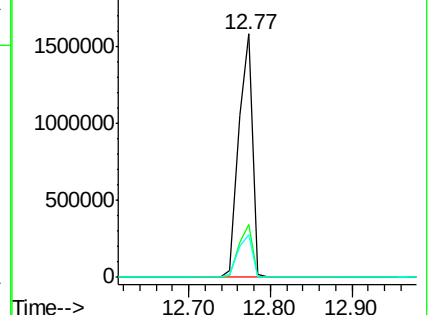
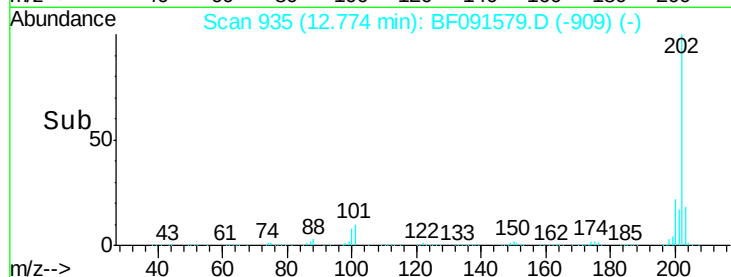
202 100

200 21.7 17.6 26.4

203 17.5 14.0 21.0



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



#78

Terphenyl-d14

Concen: 57.70 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 4:43

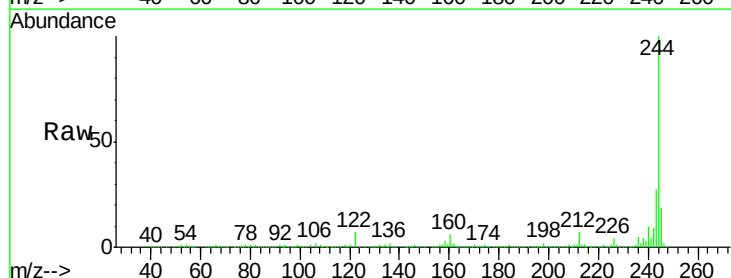
Tgt Ion:244 Resp: 2198285

Ion Ratio Lower Upper

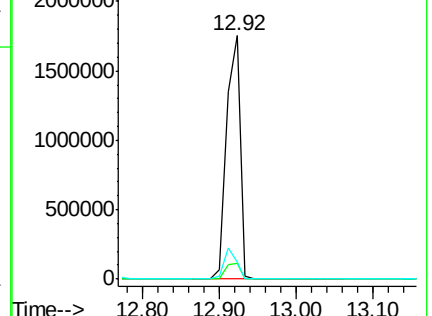
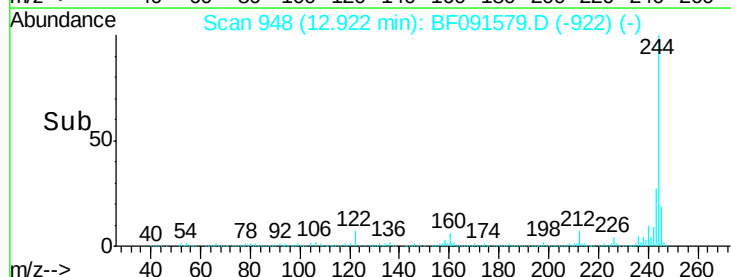
244 100

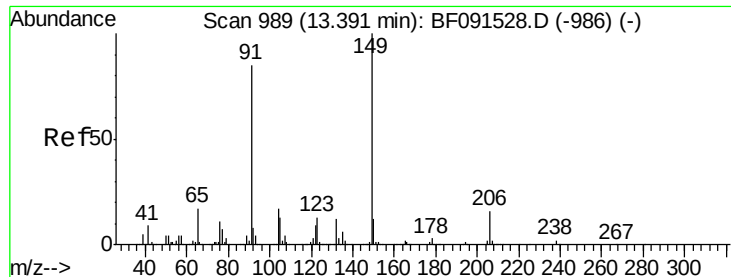
212 6.6 6.5 9.7

122 7.2 9.5 14.3#



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

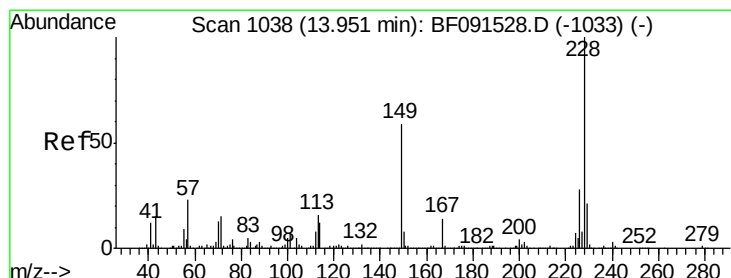
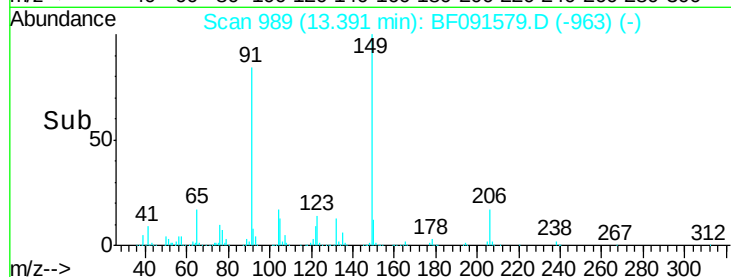
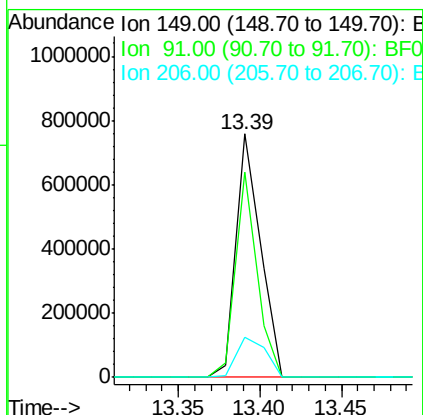
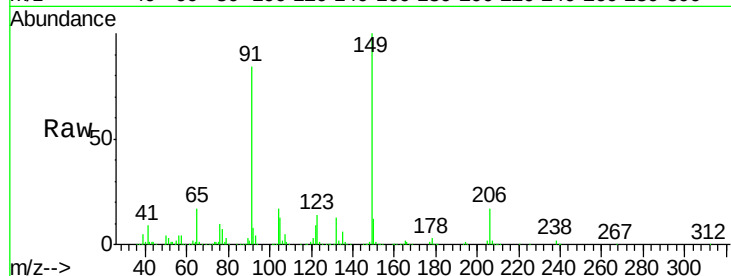




#79
Butylbenzylphthalate
Concen: 29.27 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

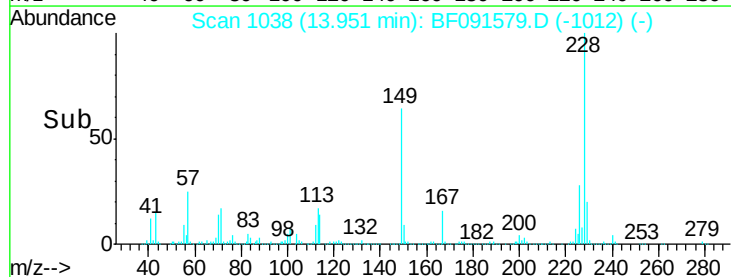
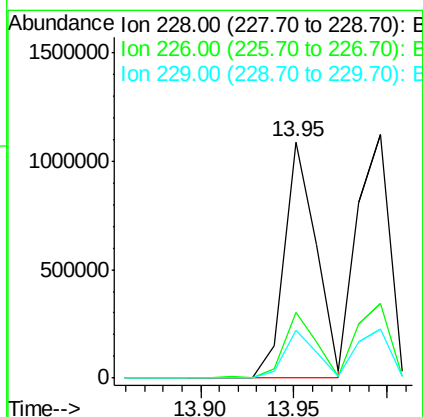
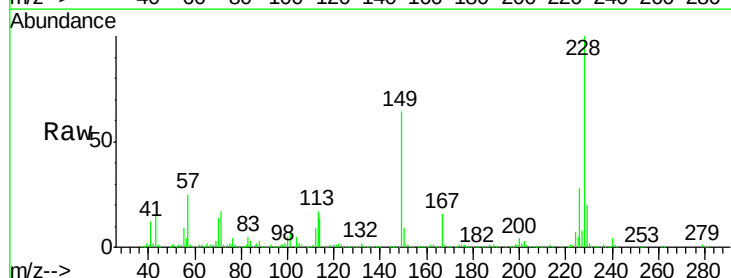
Instrument :
BNA_F
ClientSampleId :

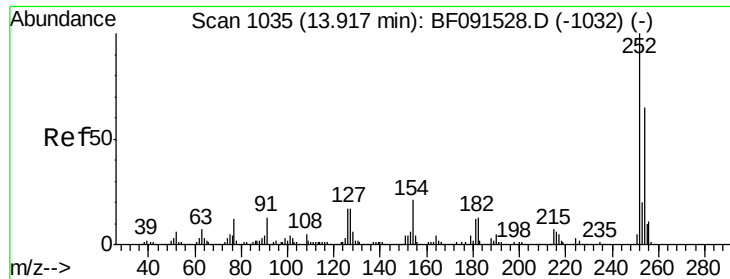
Tgt Ion:149 Resp: 782598
Ion Ratio Lower Upper
149 100
91 84.0 57.4 86.2
206 16.7 15.4 23.2



#80
Benzo(a)anthracene
Concen: 25.86 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:228 Resp: 1298018
Ion Ratio Lower Upper
228 100
226 27.6 22.5 33.7
229 20.0 16.4 24.6

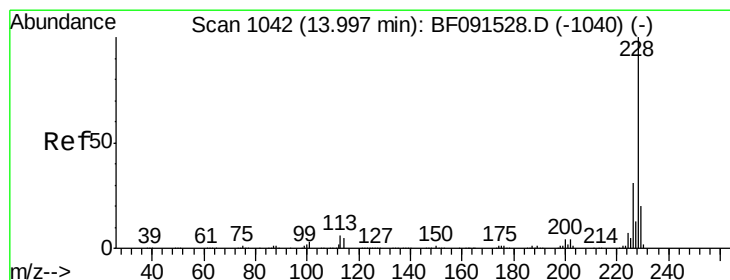
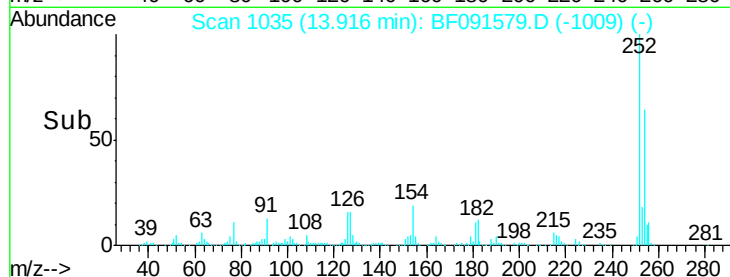
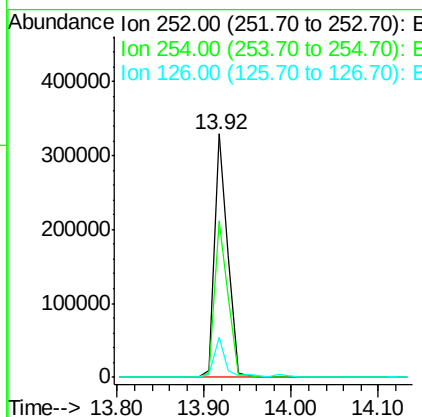
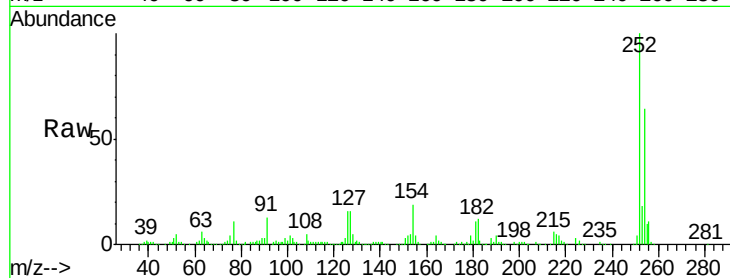




#81
 3,3'-Dichlorobenzidine
 Concen: 19.65 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

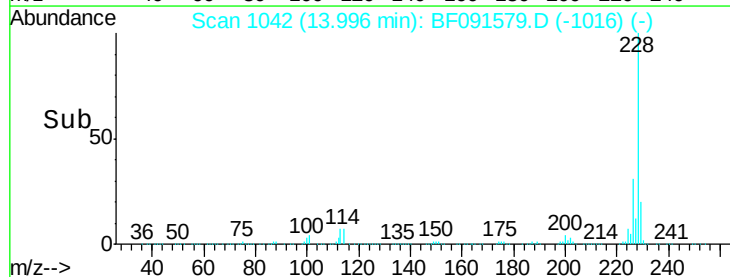
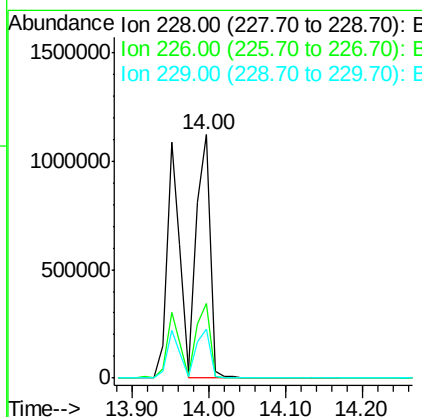
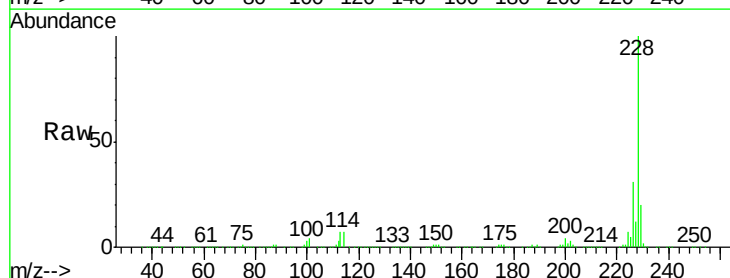
Instrument :
 BNA_F
 ClientSampleId :

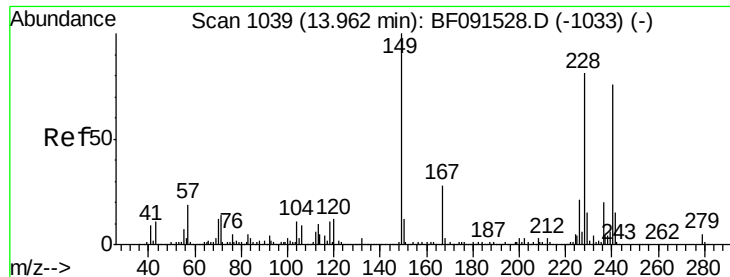
Tgt Ion:252 Resp: 354281
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.1 78.1
 126 16.5 7.5 11.3#



#82
 Chrysene
 Concen: 25.98 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:228 Resp: 1364555
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.4
 229 20.1 16.0 24.0

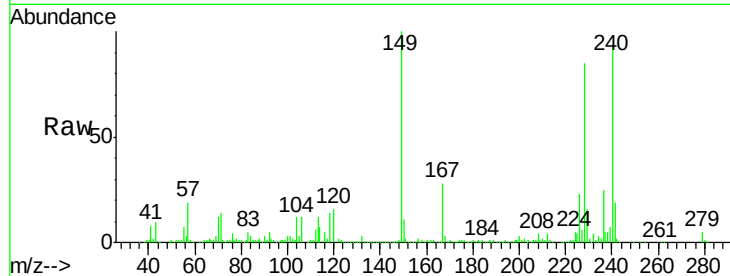




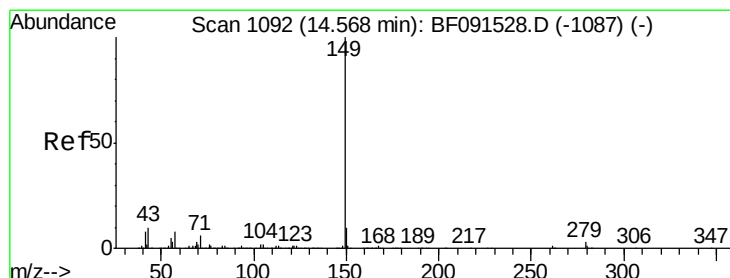
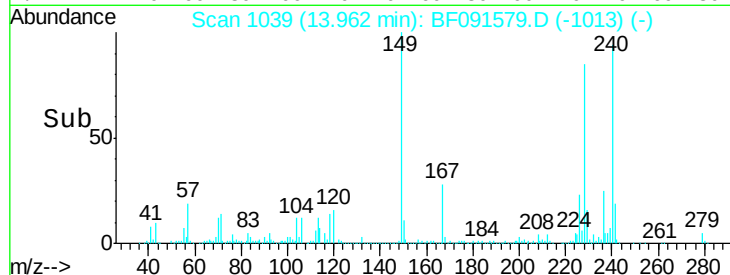
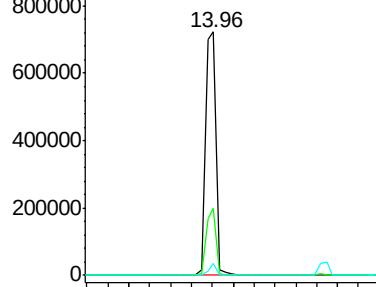
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.63 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:149 Resp: 1016253
 Ion Ratio Lower Upper
 149 100
 167 27.6 19.6 29.4
 279 4.8 1.9 2.9#

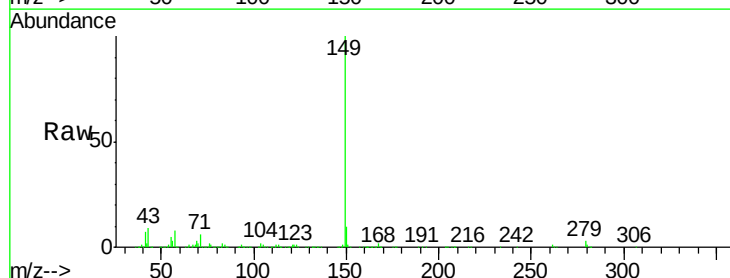


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

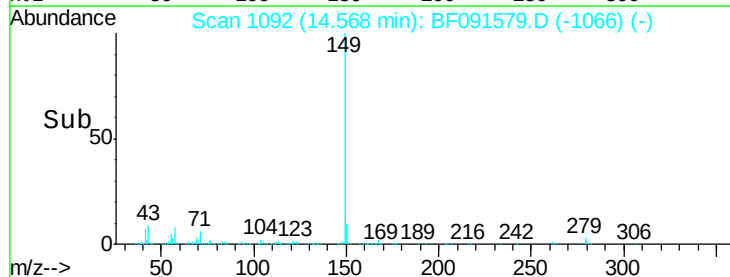
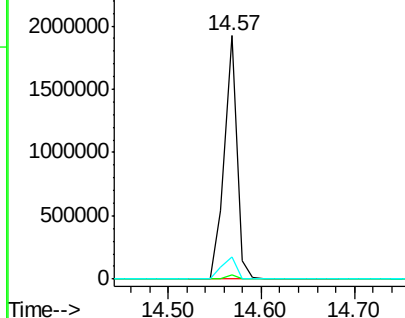


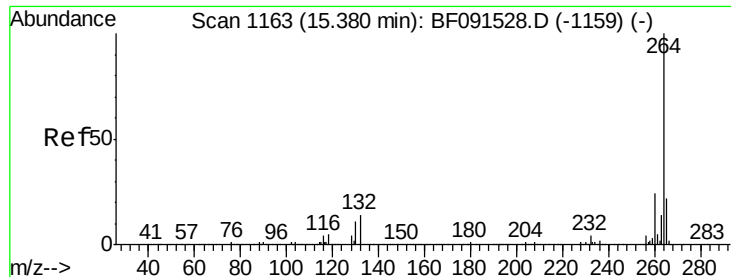
#84
 Di-n-octyl phthalate
 Concen: 31.08 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 4:43

Tgt Ion:149 Resp: 1809472
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 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

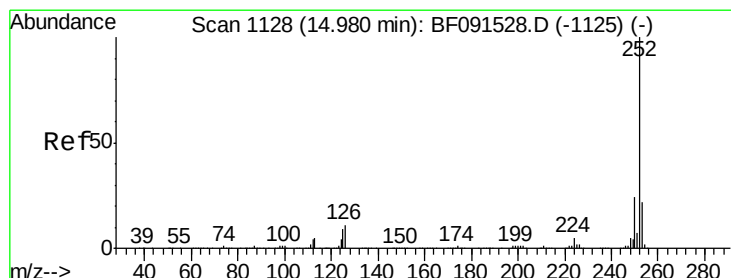
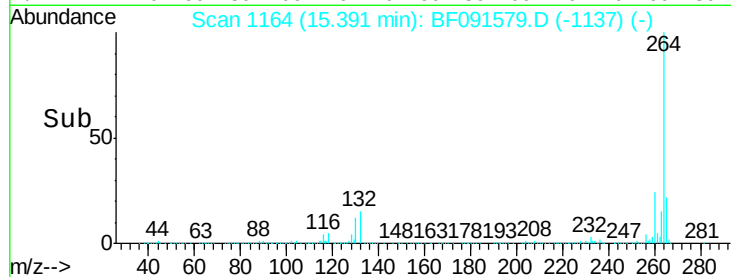
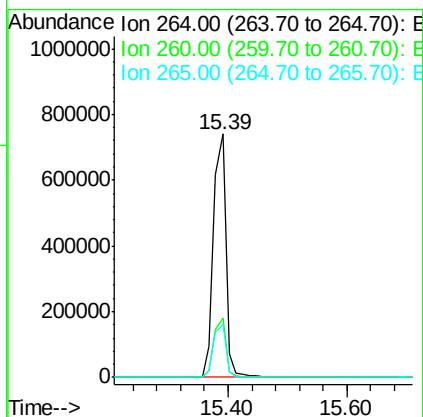
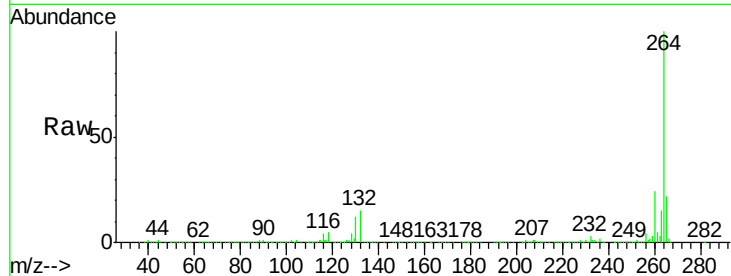




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

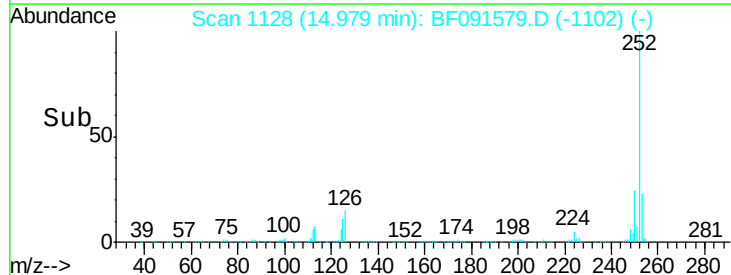
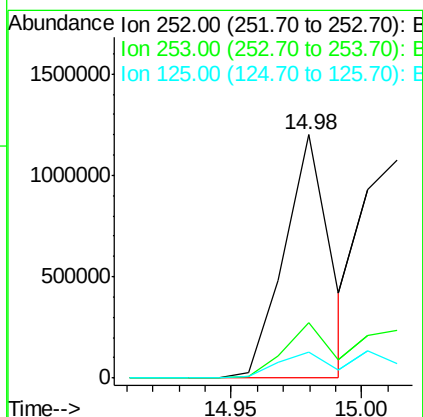
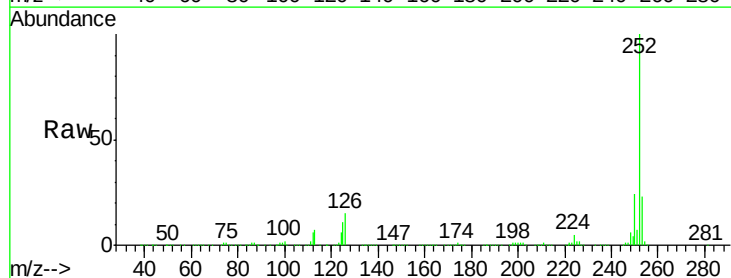
Instrument :
BNA_F
ClientSampleId :

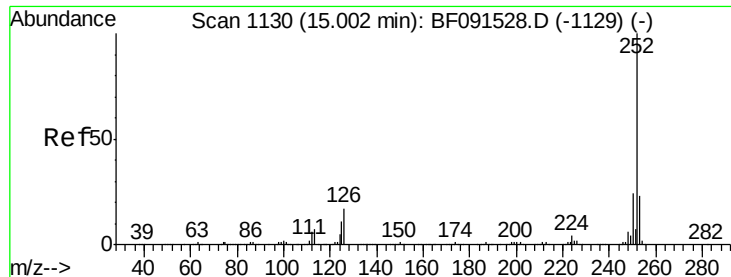
Tgt Ion:264 Resp: 1076197
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.7 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 22.76 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:252 Resp: 1460021
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.9 8.6 13.0

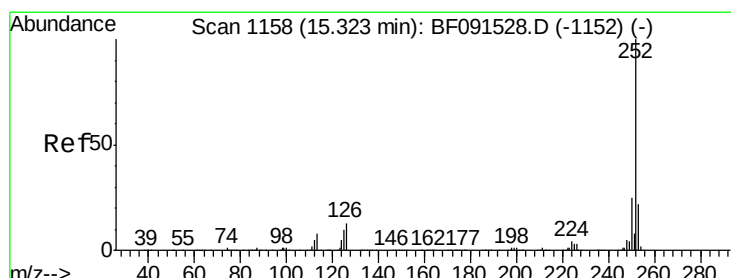
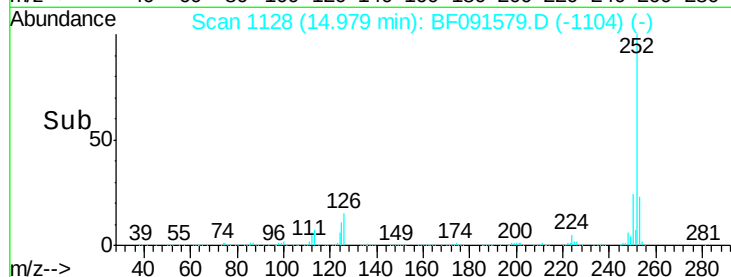
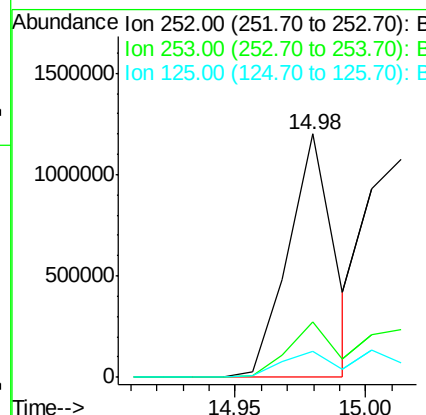
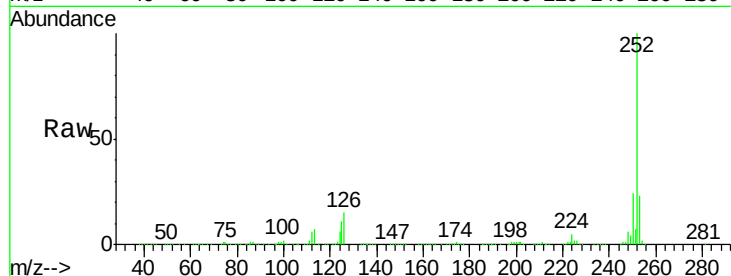




#88
Benzo(k)fluoranthene
Concen: 25.88 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1460021
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.9 9.6 14.4



#89
Benzo(a)pyrene
Concen: 25.10 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 4:43

Tgt Ion:252 Resp: 1450593
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 14.1 10.4 15.6

