

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091169.D
 Acq On : 15 Nov 2016 10:18
 Operator : UM/SJ
 Sample : PB94688BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Quant Time: Nov 16 00:27:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	170821	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	720523	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	411720	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	634837	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	511558	20.00	ng	-0.03
86) Perylene-d12	15.15	264	476119	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1255080	121.35	ng	-0.01
7) Phenol-d6	6.29	99	1571566	111.94	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1069310	80.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	454383	122.07	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1836947	76.81	ng	-0.03
78) Terphenyl-d14	12.74	244	2007909	97.95	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	186176	31.47	ng	# 96
3) Pyridine	2.83	79	519864	37.56	ng	94
4) n-Nitrosodimethylamine	2.78	42	203932	37.25	ng	90
6) Aniline	6.30	93	323728	19.55	ng	# 8
8) 2-Chlorophenol	6.42	128	502912	40.76	ng	97
9) Benzaldehyde	6.20	77	36600	4.70	ng	95
10) Phenol	6.30	94	546245	35.16	ng	# 75
11) bis(2-Chloroethyl)ether	6.38	93	518521	39.61	ng	85
12) 1,3-Dichlorobenzene	6.57	146	502144m	40.24	ng	
13) 1,4-Dichlorobenzene	6.65	146	526198m	39.30	ng	
14) 1,2-Dichlorobenzene	6.81	146	509558	41.47	ng	97
15) Benzyl Alcohol	6.80	79	407057	41.11	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.92	45	637087	33.98	ng	# 42
17) 2-Methylphenol	6.92	107	397887	40.74	ng	93
18) Hexachloroethane	7.14	117	199036	38.41	ng	# 85
19) n-Nitroso-di-n-propylamine	7.06	70	384179	39.49	ng	98
20) 3+4-Methylphenols	7.07	107	533190	45.47	ng	90
22) Acetophenone	7.06	105	704126	42.44	ng	# 94
24) Nitrobenzene	7.23	77	574021	39.35	ng	95
25) Isophorone	7.47	82	1038347	40.80	ng	98
26) 2-Nitrophenol	7.55	139	263446	42.68	ng	# 71
27) 2,4-Dimethylphenol	7.60	122	452085	44.28	ng	98
28) bis(2-Chloroethoxy)methane	7.69	93	645872	46.45	ng	99
29) 2,4-Dichlorophenol	7.79	162	390457	43.82	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	443480	44.27	ng	99
31) Naphthalene	7.94	128	1422589	41.28	ng	99
32) Benzoic acid	7.76	122	223179	30.13	ng	99
33) 4-Chloroaniline	8.01	127	172378	12.03	ng	# 95
34) Hexachlorobutadiene	8.06	225	239953	44.38	ng	98
35) Caprolactam	8.38	113	135118m	48.27	ng	
36) 4-Chloro-3-methylphenol	8.51	107	487801	45.22	ng	96
37) 2-Methylnaphthalene	8.64	142	953899	43.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	450982	42.96	ng	99
40) Hexachlorocyclopentadiene	8.80	237	371804	90.35	ng	99

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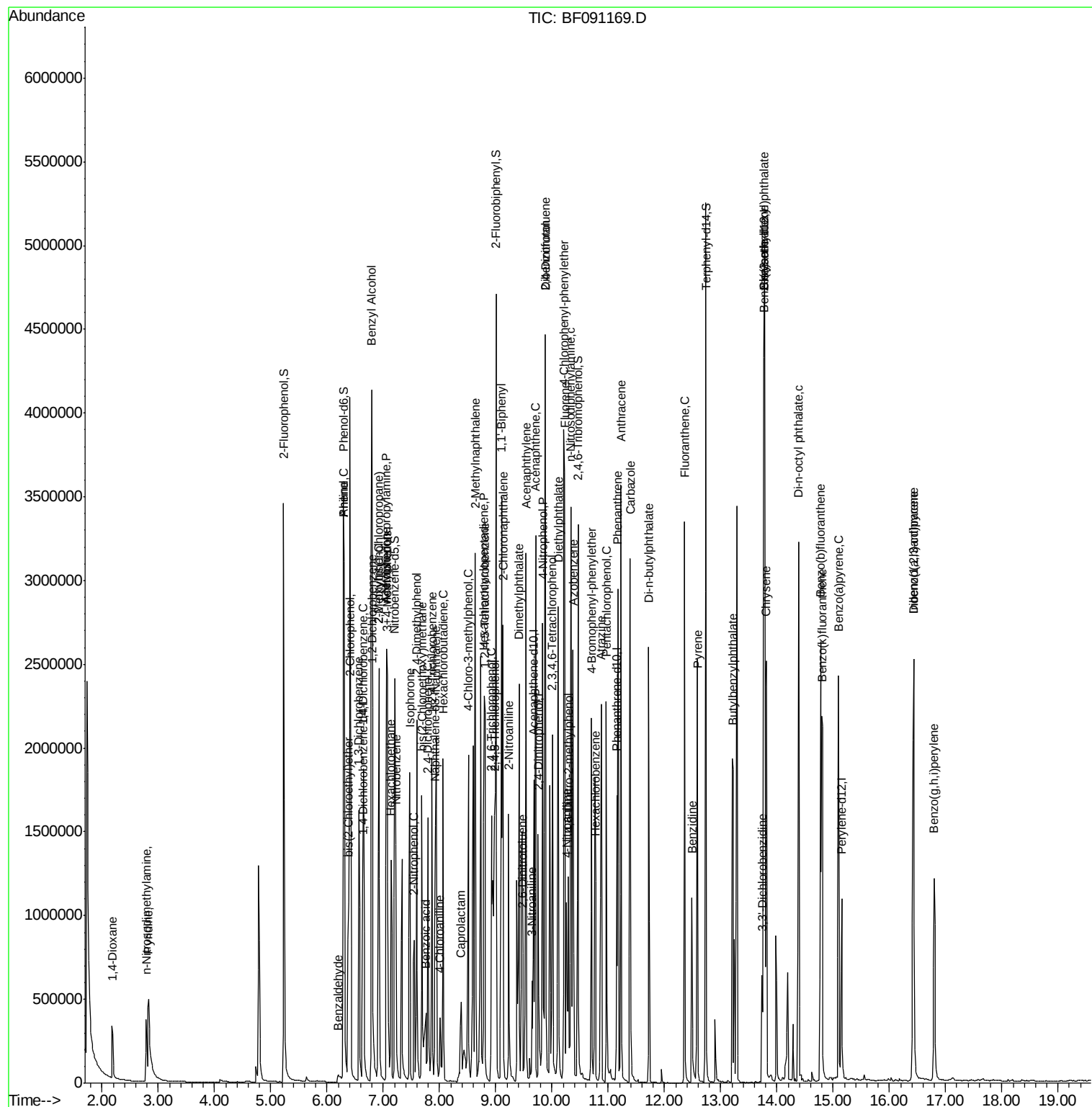
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	270484	39.92	nq	100
43) 2,4,5-Trichlorophenol	8.98	196	287703	40.44	nq	95
45) 1,1'-Biphenyl	9.10	154	1197407	39.83	nq	98
46) 2-Chloronaphthalene	9.13	162	969888	42.49	nq	97
47) 2-Nitroaniline	9.23	65	316566	37.37	nq	95
48) Acenaphthylene	9.54	152	1432521	40.27	nq	100
49) Dimethylphthalate	9.41	163	1062961	39.37	nq	100
50) 2,6-Dinitrotoluene	9.48	165	233602	40.37	nq	# 48
51) Acenaphthene	9.71	154	900314	40.32	nq	99
52) 3-Nitroaniline	9.64	138	116108	16.92	nq	100
53) 2,4-Dinitrophenol	9.76	184	213792	68.79	nq	# 71
54) Dibenzofuran	9.88	168	1255754	41.77	nq	96
55) 4-Nitrophenol	9.84	139	325415	71.85	nq	# 73
56) 2,4-Dinitrotoluene	9.88	165	317142	43.08	nq	# 83
57) Fluorene	10.22	166	1062786	43.25	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	262138	47.03	nq	98
59) Diethylphthalate	10.11	149	1085801	39.23	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	452144	40.43	nq	# 80
61) 4-Nitroaniline	10.26	138	250465	36.09	nq	95
62) Azobenzene	10.37	77	1217908	37.38	nq	88
64) 4,6-Dinitro-2-methylphenol	10.29	198	177940	45.77	nq	80
65) n-Nitrosodiphenylamine	10.34	169	861108	42.68	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	314239	47.59	nq	# 77
67) Hexachlorobenzene	10.77	284	326989	44.90	nq	# 76
68) Atrazine	10.88	200	310211	53.29	nq	99
69) Pentachlorophenol	10.97	266	287214	89.04	nq	98
70) Phenanthrene	11.17	178	1329059	39.38	nq	99
71) Anthracene	11.23	178	1508044	42.03	nq	99
72) Carbazole	11.39	167	1338375	41.39	nq	98
73) Di-n-butylphthalate	11.72	149	1546567	38.03	nq	98
74) Fluoranthene	12.36	202	1568770	44.82	nq	91
76) Benzidine	12.49	184	520118	45.51	nq	98
77) Pyrene	12.59	202	1509538	45.06	nq	97
79) Butylbenzylphthalate	13.22	149	733661	45.78	nq	# 72
80) Benzo(a)anthracene	13.77	228	1290783	44.44	nq	100
81) 3,3'-Dichlorobenzidine	13.73	252	189375	18.56	nq	# 96
82) Chrysene	13.81	228	1367367	47.74	nq	100
83) Bis(2-ethylhexyl)phthalate	13.78	149	928801	42.83	nq	# 93
84) Di-n-octyl phthalate	14.39	149	1651854	46.33	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.43	276	1150885	48.43	nq	97
87) Benzo(b)fluoranthene	14.77	252	1208853m	37.43	nq	
88) Benzo(k)fluoranthene	14.81	252	1323021m	46.71	nq	
89) Benzo(a)pyrene	15.09	252	1136902	40.44	nq	# 98
90) Dibenzo(a,h)anthracene	16.43	278	982370	40.42	nq	99
91) Benzo(g,h,i)perylene	16.80	276	893296	40.65	nq	98

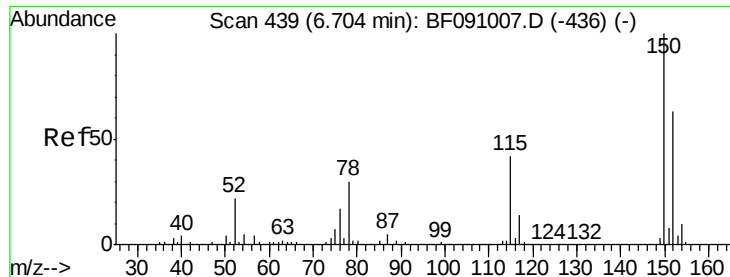
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

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ClientSampleId :

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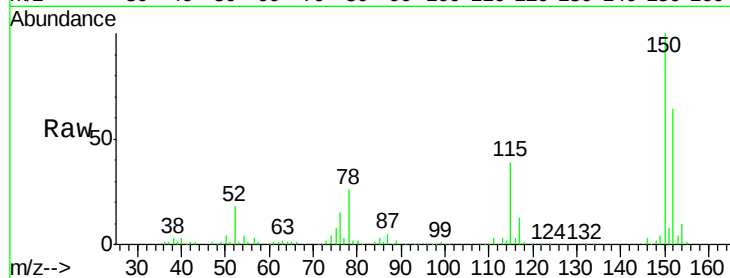
Tot Ion:152 Resp: 170821

Ion Ratio Lower Upper

152 100

150 155.1 126.8 190.2

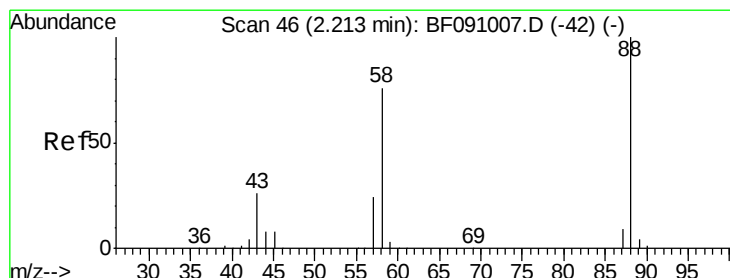
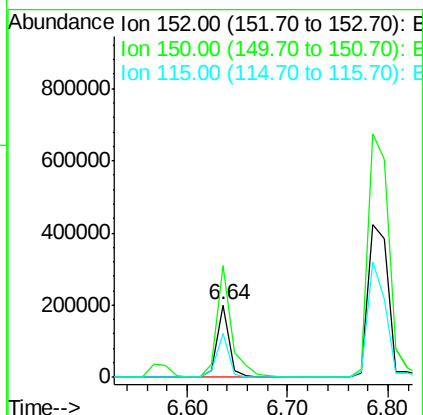
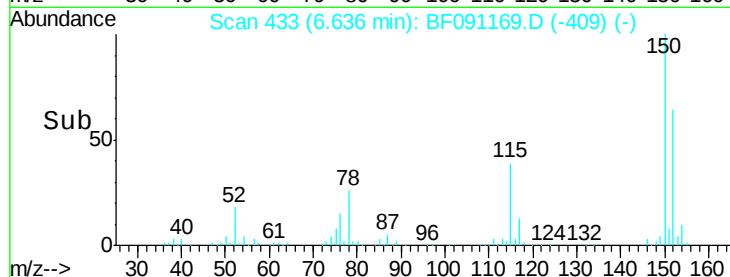
115 60.5 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.47 ng

RT: 2.18 min Scan# 43

Delta R.T. 0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

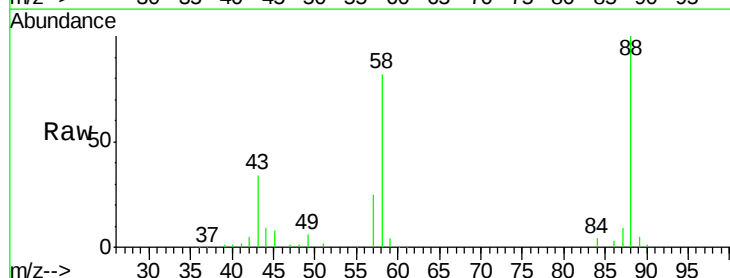
Tgt Ion: 88 Resp: 186176

Ion Ratio Lower Upper

88 100

58 78.3 63.8 95.6

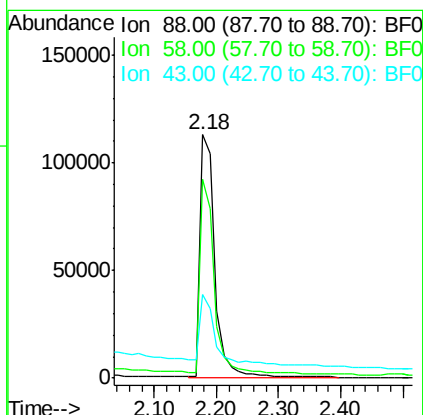
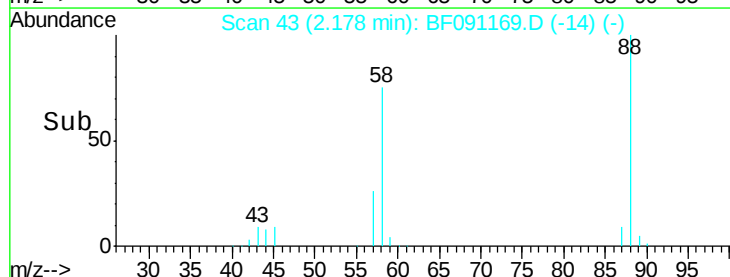
43 34.5 22.6 33.8#

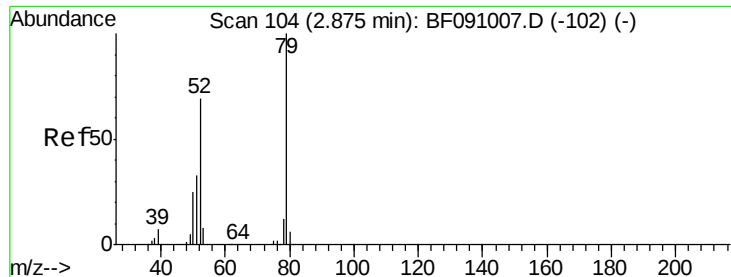


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.56 ng

RT: 2.83 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF091169.D

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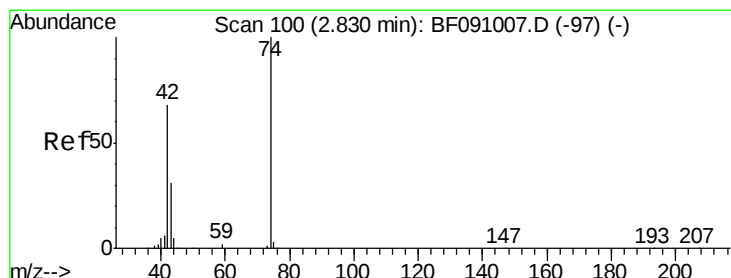
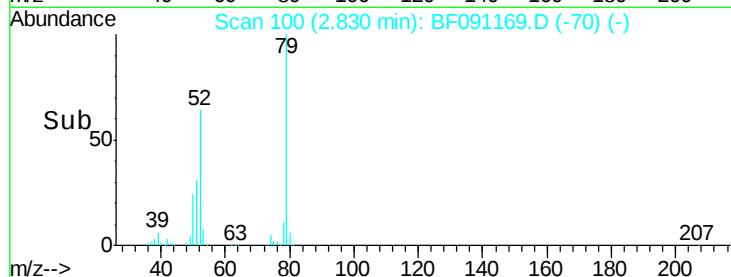
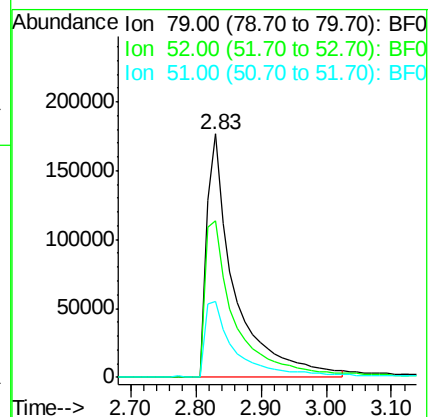
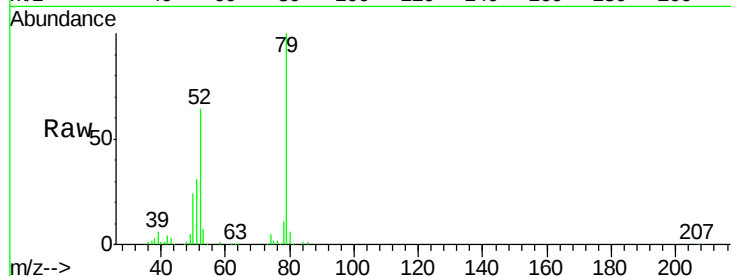
Tot Ion: 79 Resp: 519864

Ion Ratio Lower Upper

79 100

52 64.1 55.4 83.0

51 31.3 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 37.25 ng

RT: 2.78 min Scan# 96

Delta R.T. 0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

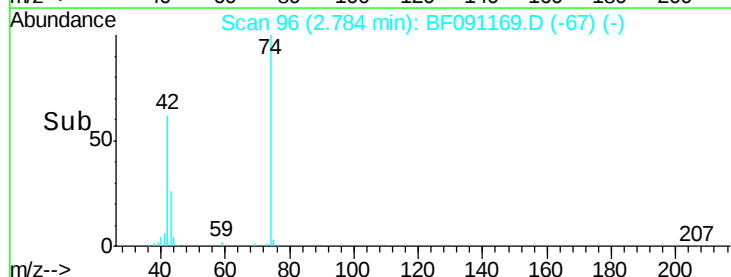
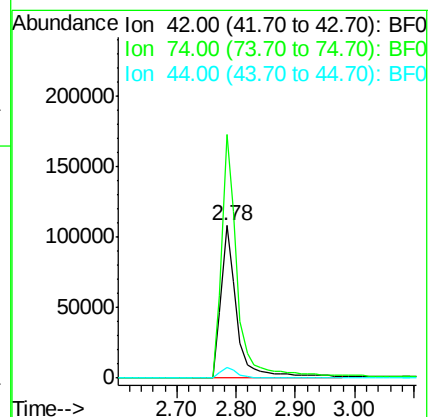
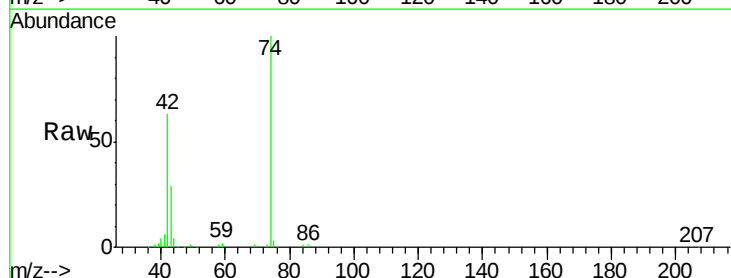
Tgt Ion: 42 Resp: 203932

Ion Ratio Lower Upper

42 100

74 159.8 117.3 175.9

44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 121.35 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

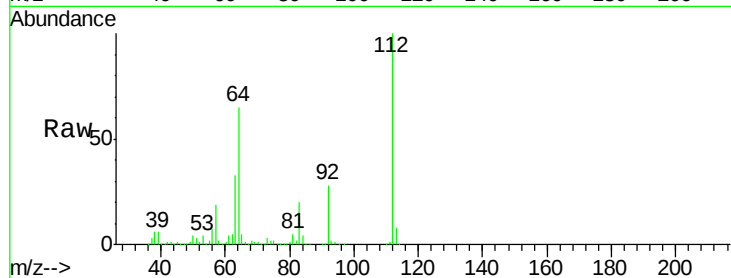
Tot Ion:112 Resp: 1255080

Ion Ratio Lower Upper

112 100

64 64.7 55.8 83.6

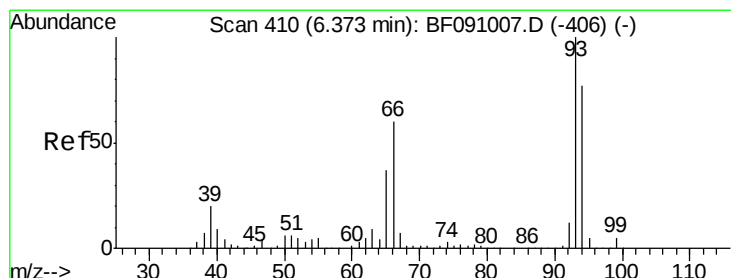
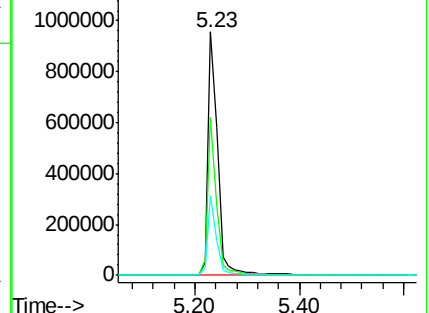
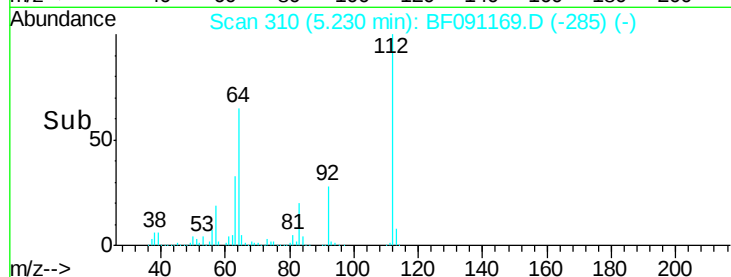
63 32.8 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.55 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

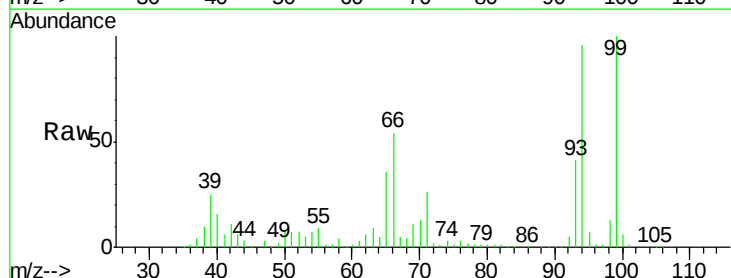
Tgt Ion: 93 Resp: 323728

Ion Ratio Lower Upper

93 100

66 131.8 48.2 72.2#

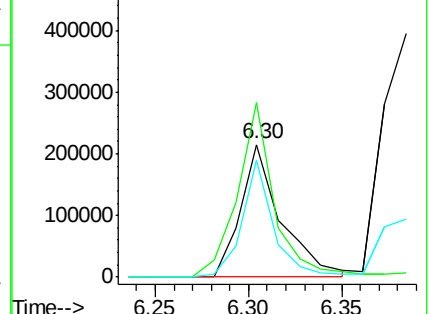
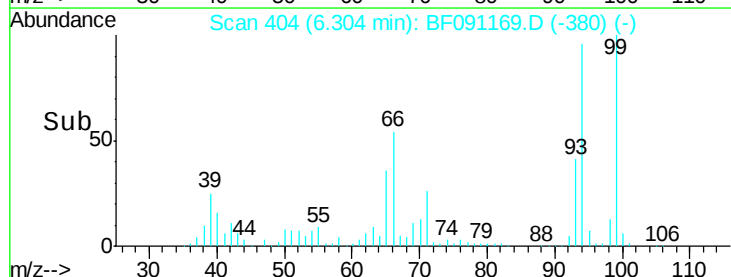
65 88.7 29.4 44.0#

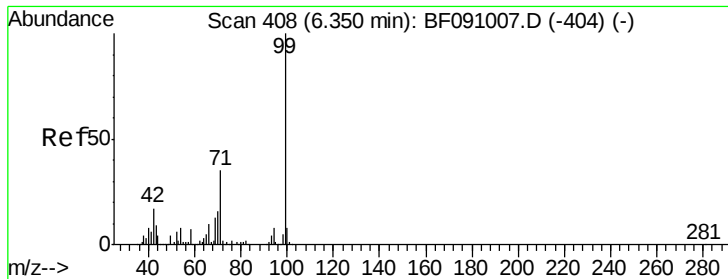


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.94 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091169.D

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ClientSampled :

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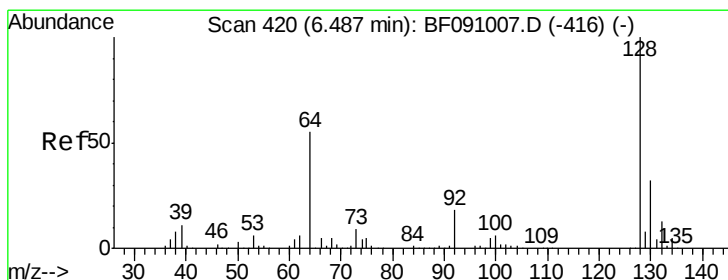
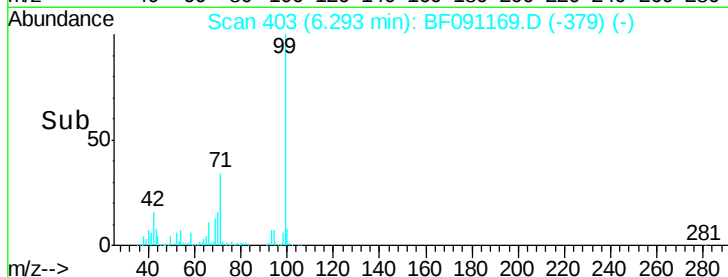
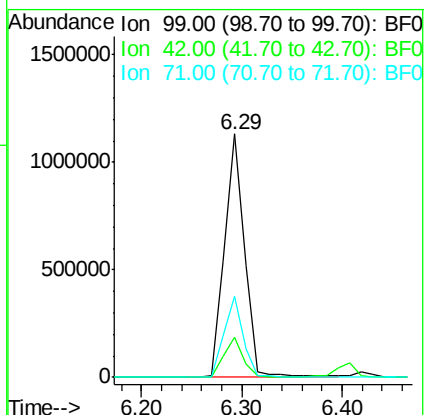
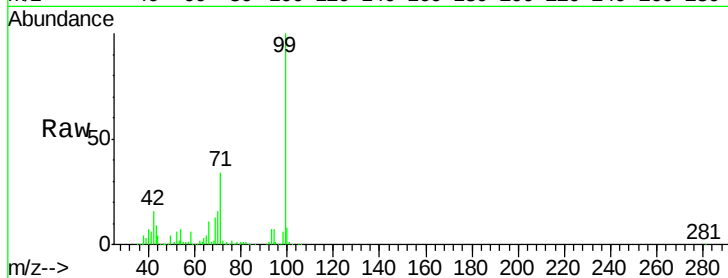
Tot Ion: 99 Resp: 1571566

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

71 33.5 27.8 41.8



#8

2-Chlorophenol

Concen: 40.76 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

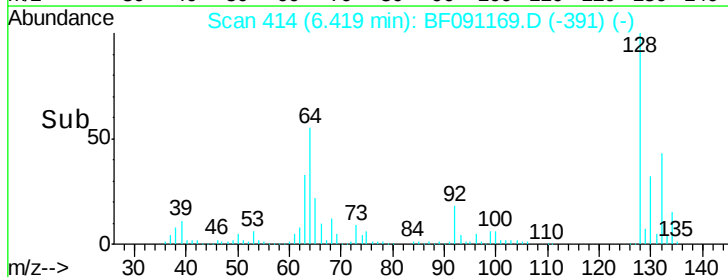
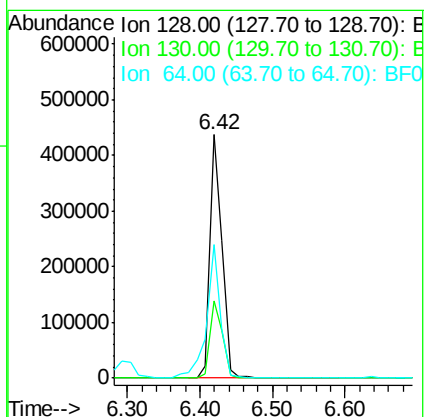
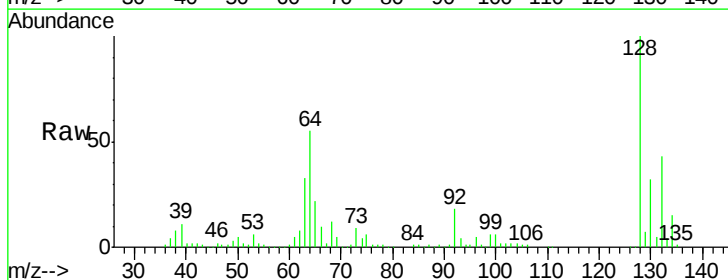
Tgt Ion: 128 Resp: 502912

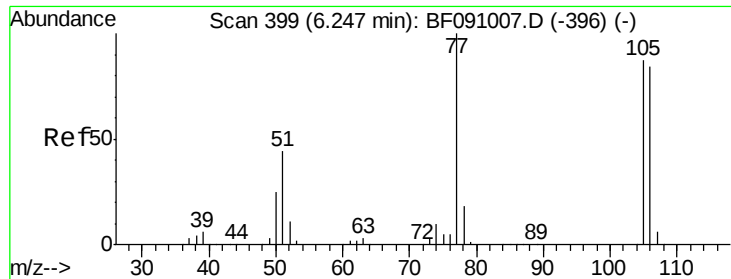
Ion Ratio Lower Upper

128 100

130 31.5 12.0 52.0

64 54.6 37.2 77.2

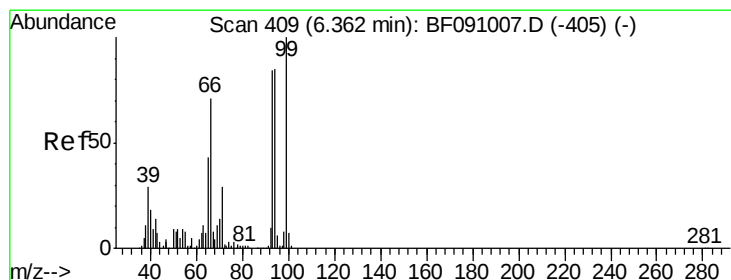
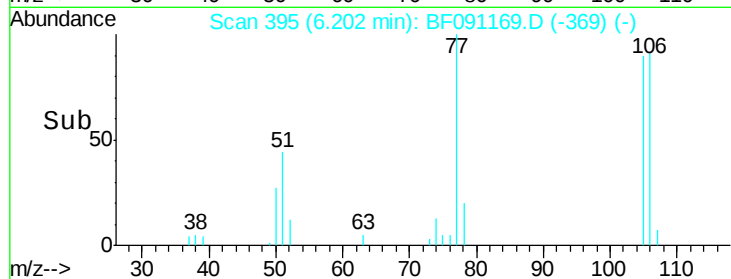
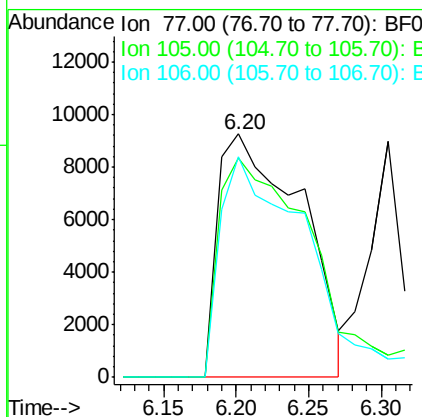
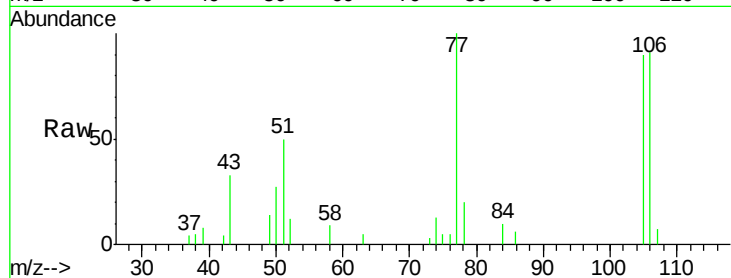




#9
Benzaldehyde
Concen: 4.70 ng
RT: 6.20 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

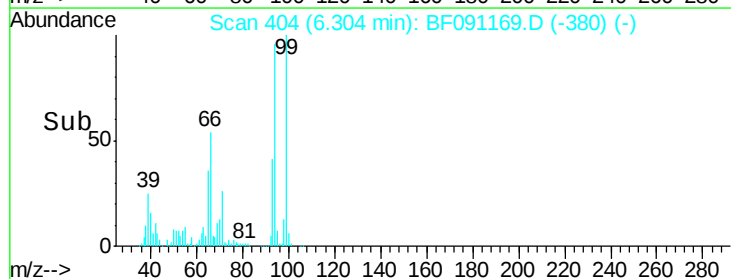
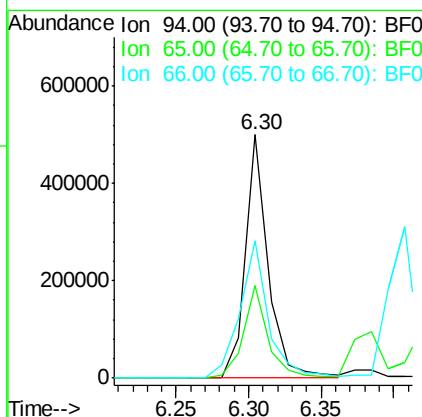
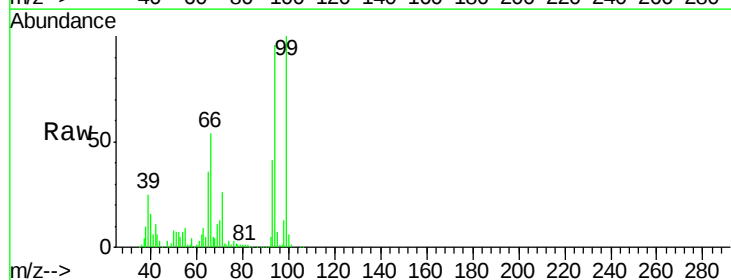
Instrument :
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ClientSampleId :
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Tot Ion: 77 Resp: 36600
Ion Ratio Lower Upper
77 100
105 90.1 66.8 106.8
106 90.5 64.0 104.0



#10
Phenol
Concen: 35.16 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion: 94 Resp: 546245
Ion Ratio Lower Upper
94 100
65 38.1 30.4 70.4
66 56.6 62.9 102.9#

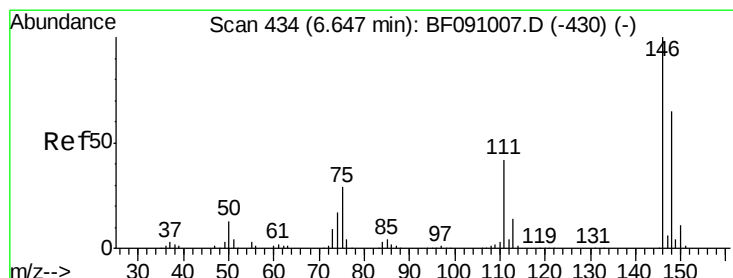
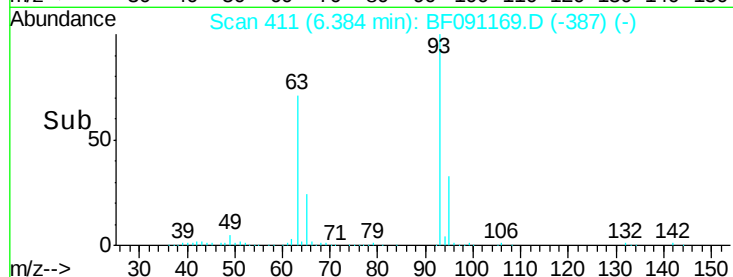
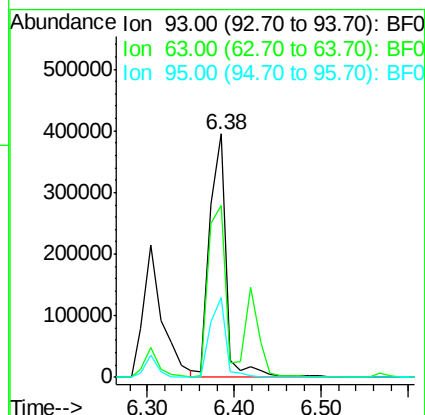
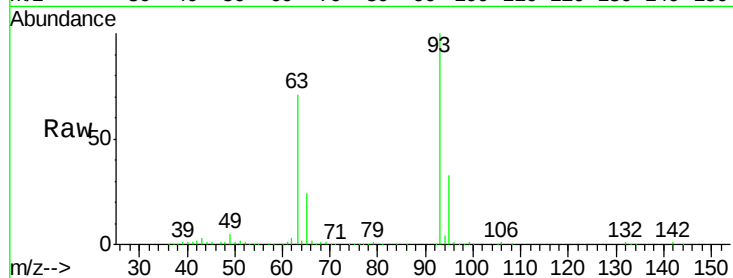




#11
 bis(2-Chloroethyl)ether
 Concen: 39.61 ng
 RT: 6.38 min Scan# 411
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

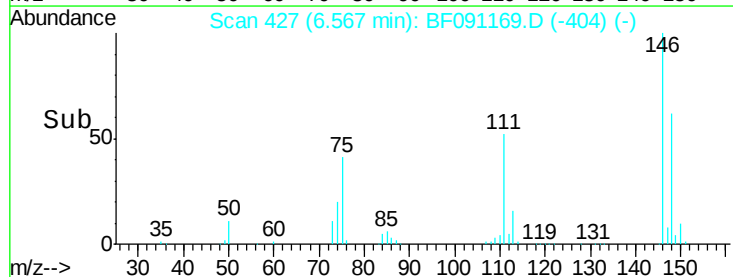
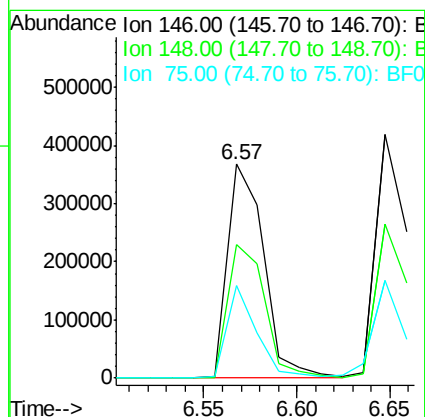
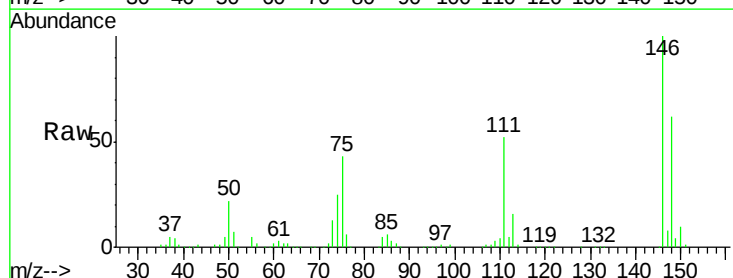
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion: 93 Resp: 518521
 Ion Ratio Lower Upper
 93 100
 63 70.6 68.9 108.9
 95 32.9 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 40.24 ng m
 RT: 6.57 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion: 146 Resp: 502144
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.0 78.0
 75 43.2 23.0 34.6#

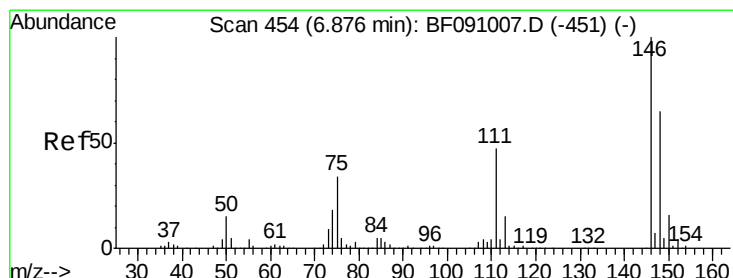
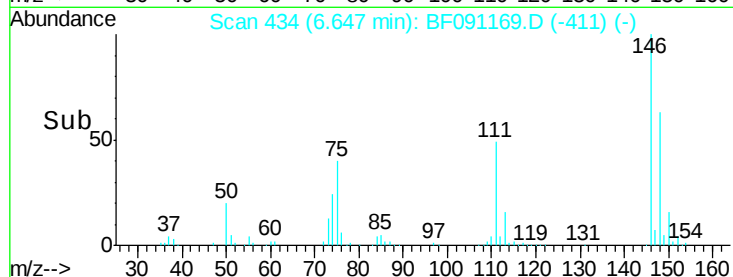
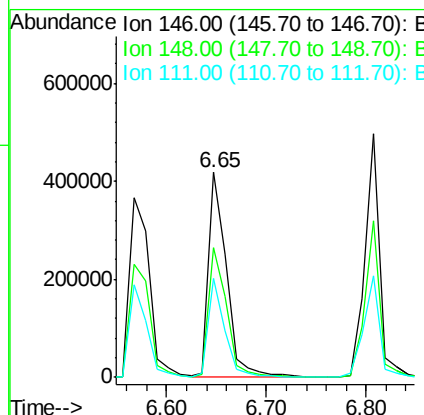
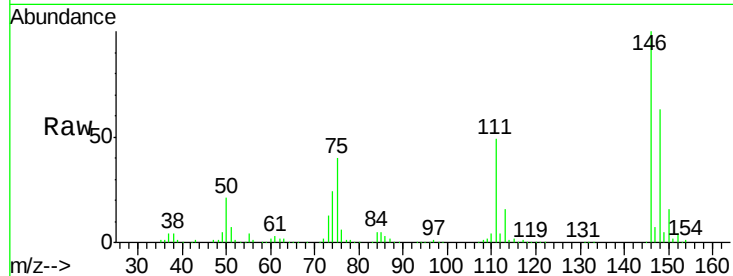




#13
 1,4-Dichlorobenzene
 Concen: 39.30 ng/mL
 RT: 6.65 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

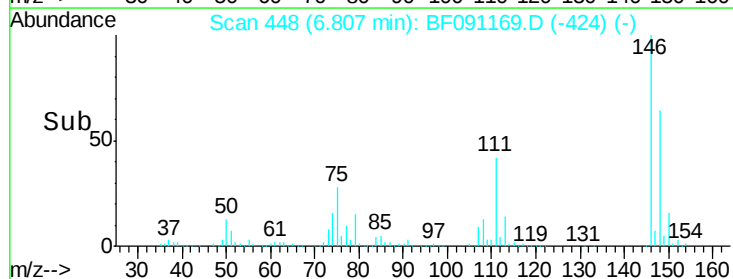
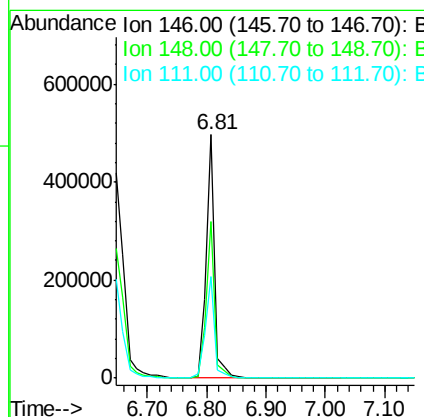
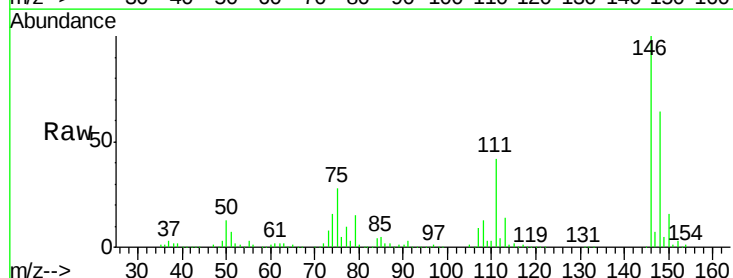
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion:146 Resp: 526198
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.1 78.1
 111 48.6 31.6 47.4#



#14
 1,2-Dichlorobenzene
 Concen: 41.47 ng/mL
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:146 Resp: 509558
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 41.9 37.3 55.9





#15

Benzyl Alcohol

Concen: 41.11 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleID :

PB94688BS

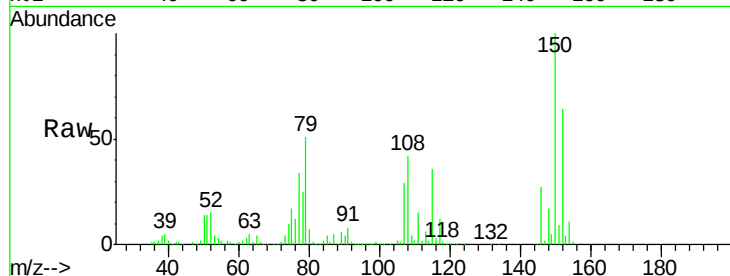
Tot Ion: 79 Resp: 407057

Ion Ratio Lower Upper

79 100

108 81.7 55.7 83.5

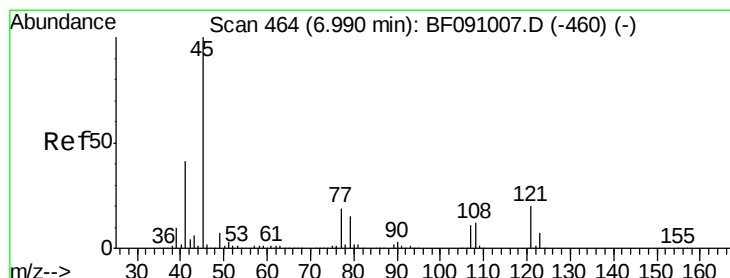
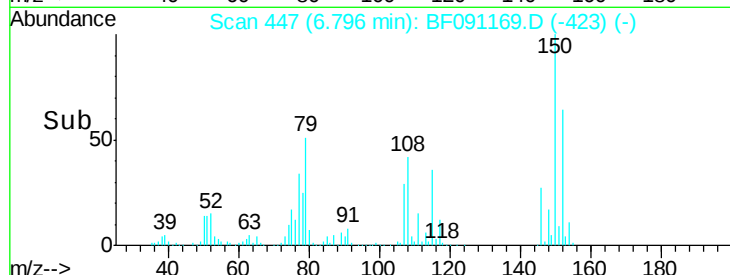
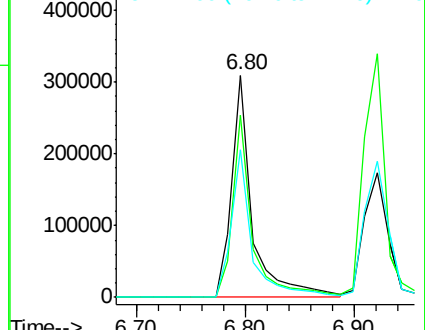
77 66.6 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.98 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

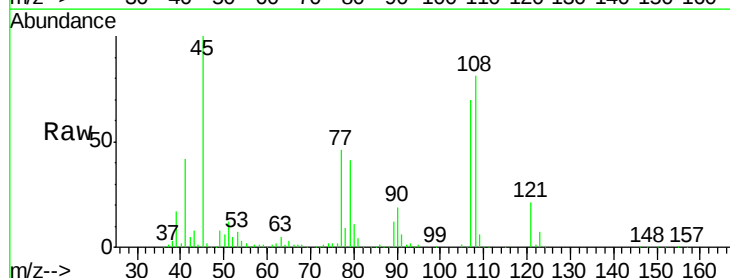
Tgt Ion: 45 Resp: 637087

Ion Ratio Lower Upper

45 100

77 45.5 0.0 39.6#

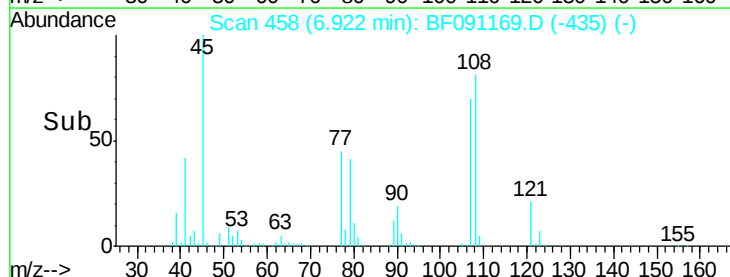
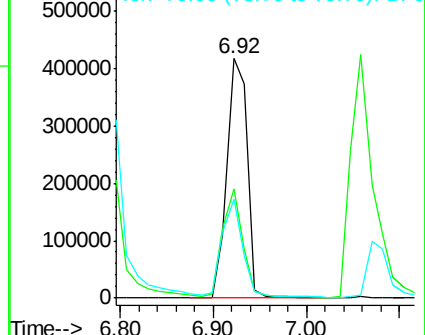
79 41.4 0.0 35.9#

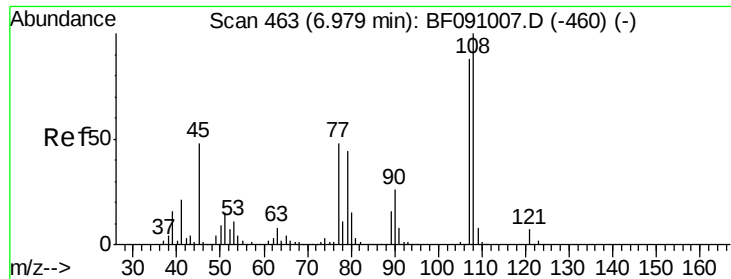


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

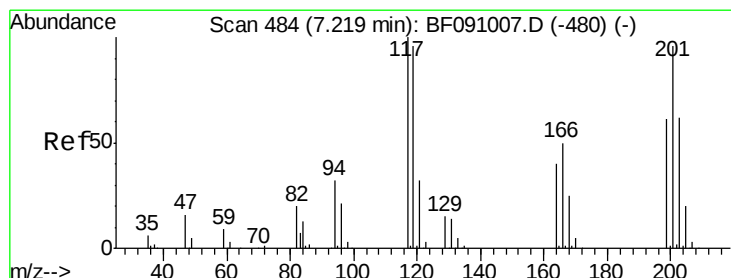
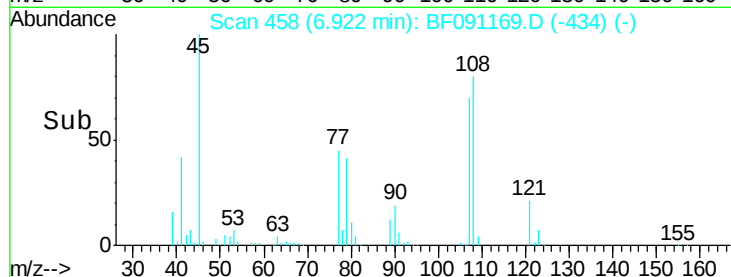
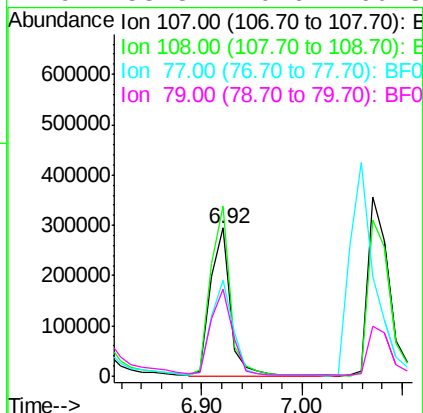
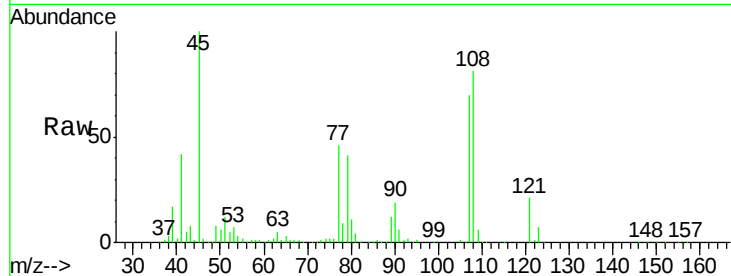




#17
2-Methylphenol
Concen: 40.74 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

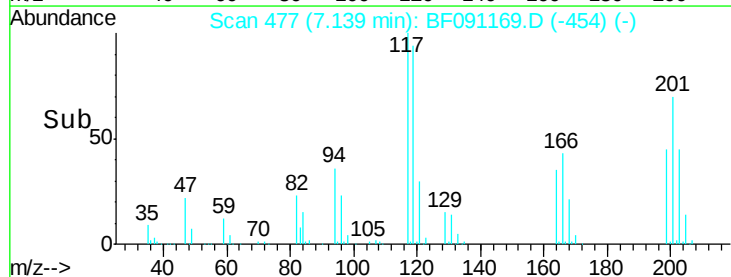
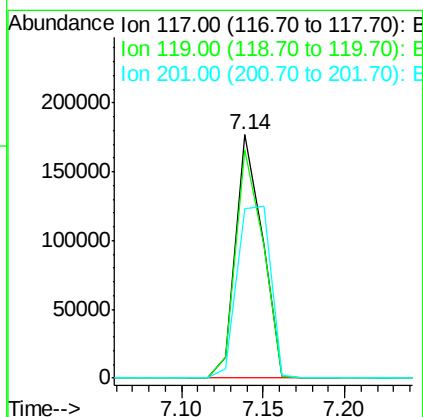
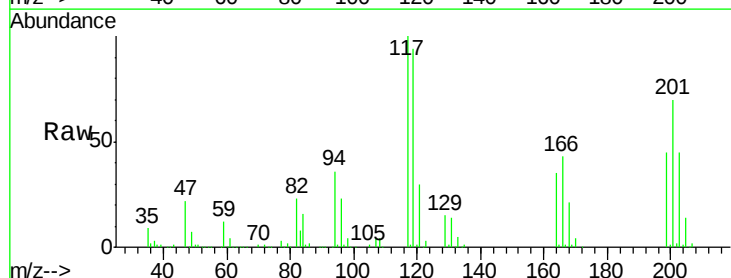
Instrument :
BNA_F
ClientSampleId :
PB94688BS

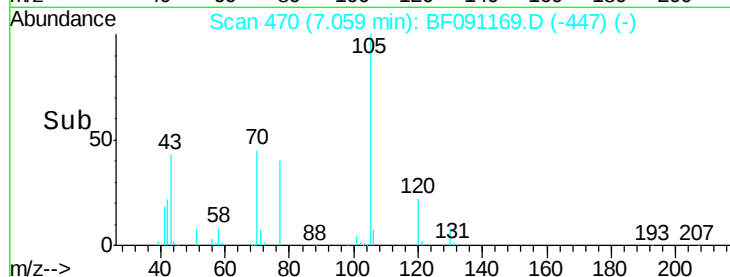
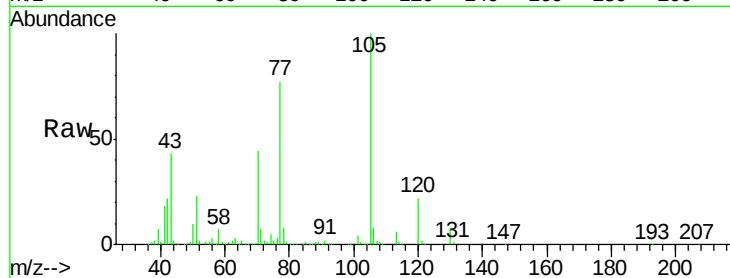
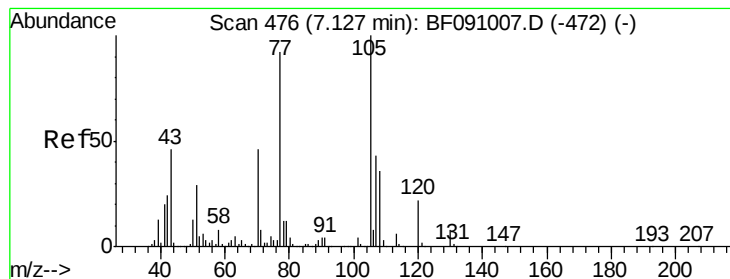
Tot Ion:	107	Resp:	397887
Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.0	136.6
77	64.6	43.8	65.8
79	58.8	40.6	60.8



#18
Hexachloroethane
Concen: 38.41 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:	117	Resp:	199036
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.6	115.0
201	69.7	77.1	115.7#





#19

n-Nitroso-di-n-propylamine

Concen: 39.49 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

Tot Ion: 70 Resp: 384179

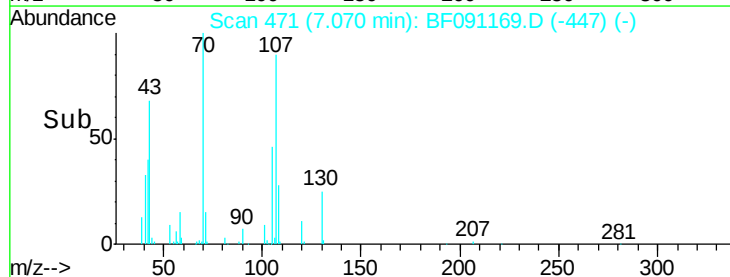
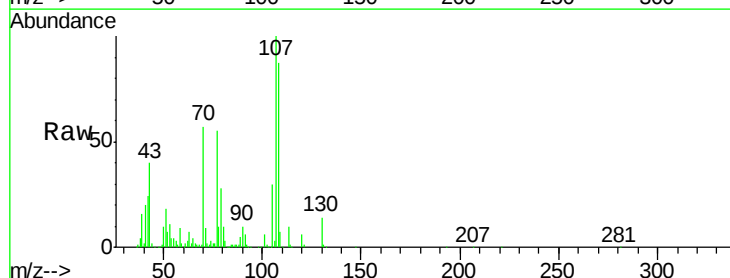
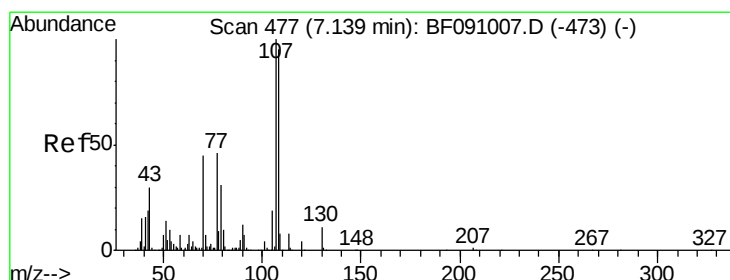
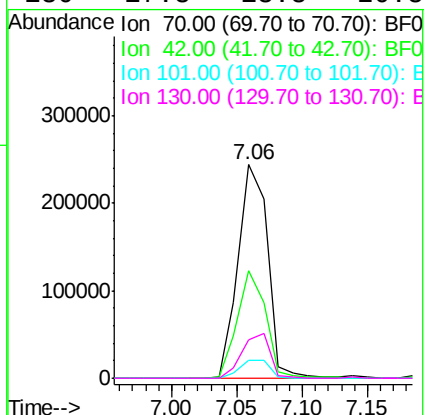
Ion Ratio Lower Upper

70 100

42 50.6 41.7 62.5

101 8.5 6.7 10.1

130 17.8 13.8 20.8



#20

3+4-Methylphenols

Concen: 45.47 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Tgt Ion: 107 Resp: 533190

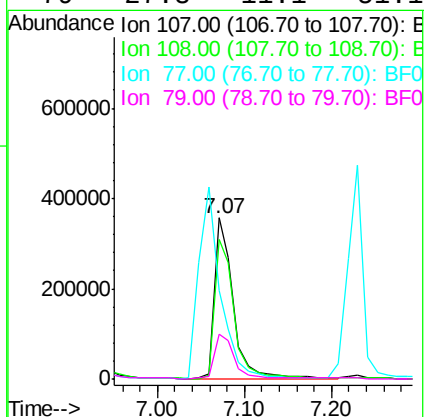
Ion Ratio Lower Upper

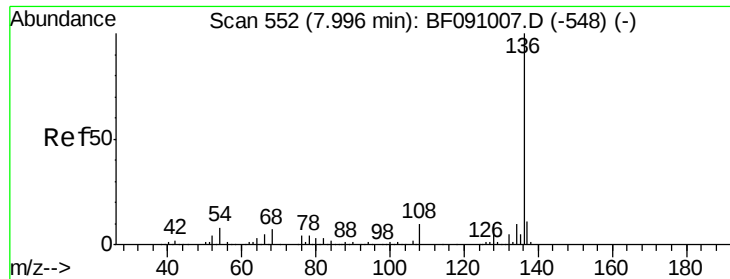
107 100

108 86.7 75.5 115.5

77 55.2 26.4 66.4

79 27.8 11.1 51.1

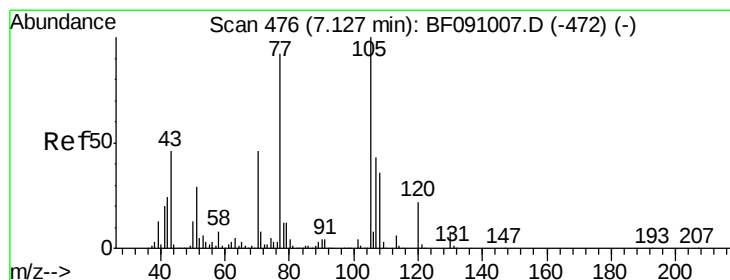
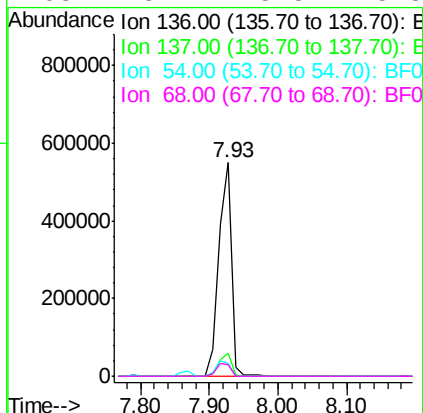
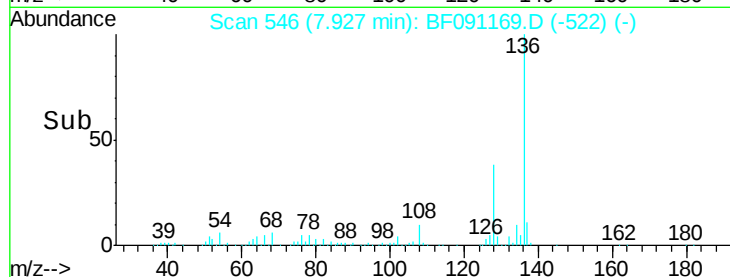
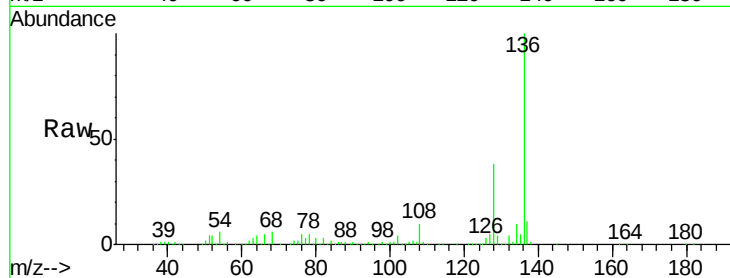




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

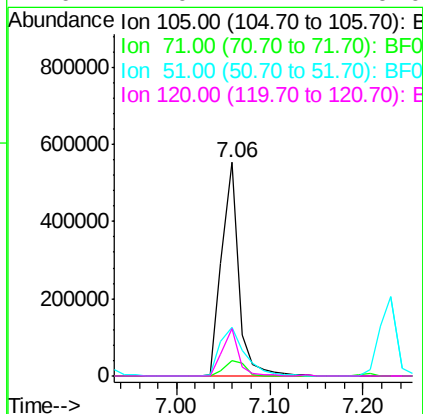
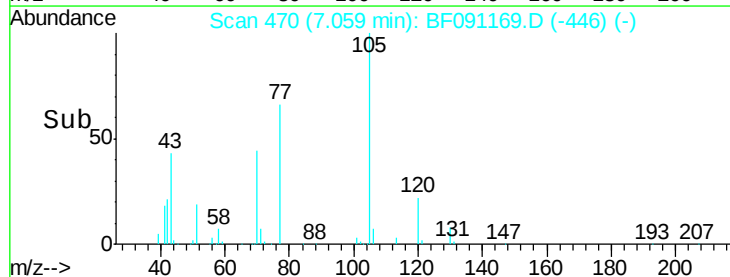
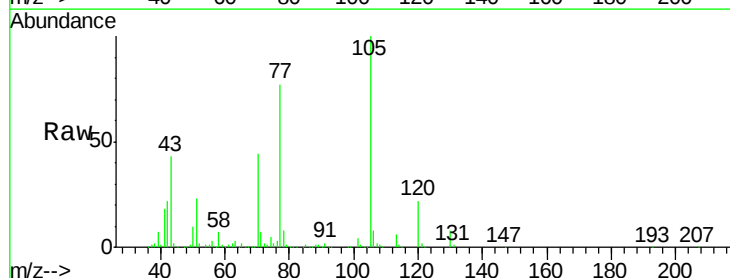
Instrument :
BNA_F
ClientSampleId :
PB94688BS

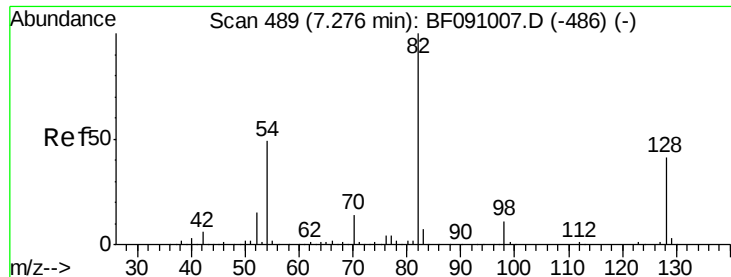
Tot Ion:136	Resp:	720523
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.1	6.2 9.2#
68	5.7	5.5 8.3



#22
Acetophenone
Concen: 42.44 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:105	Resp:	704126
Ion Ratio	Lower	Upper
105	100	
71	7.3	6.2 9.2
51	23.0	23.3 34.9#
120	22.0	17.4 26.0

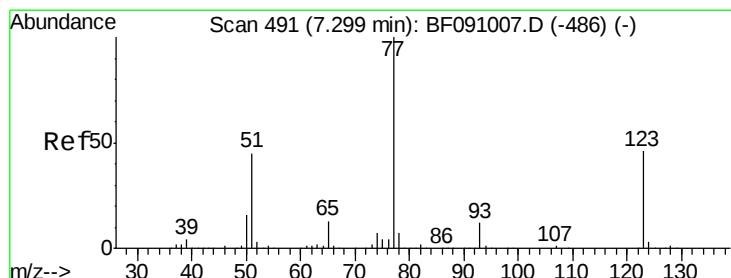
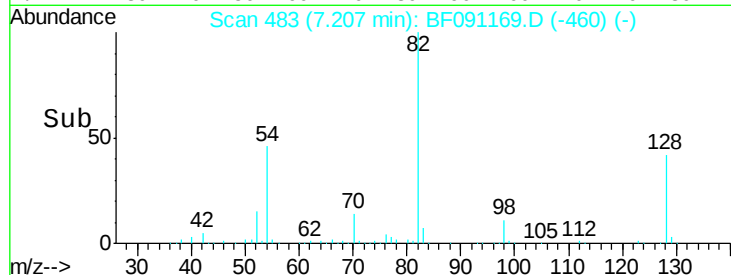
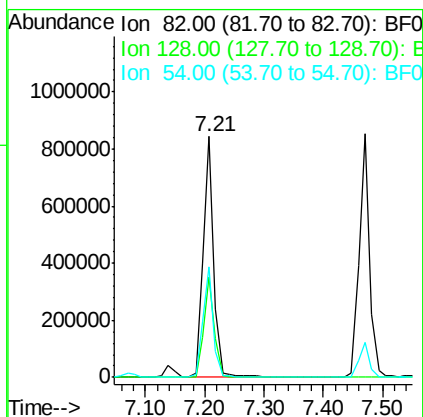
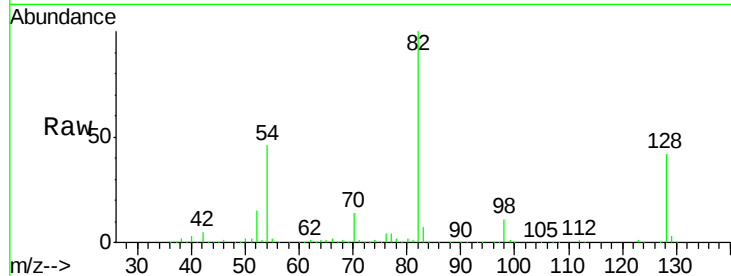




#23
 Nitrobenzene-d5
 Concen: 80.96 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

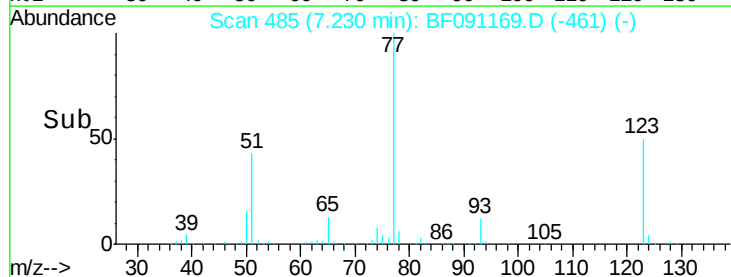
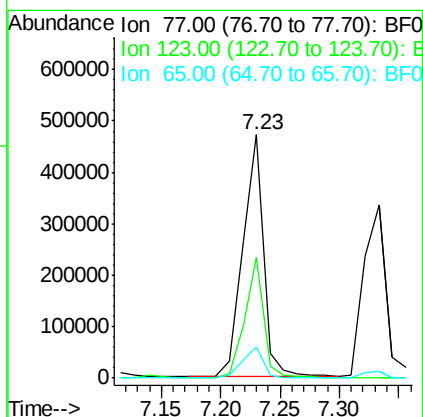
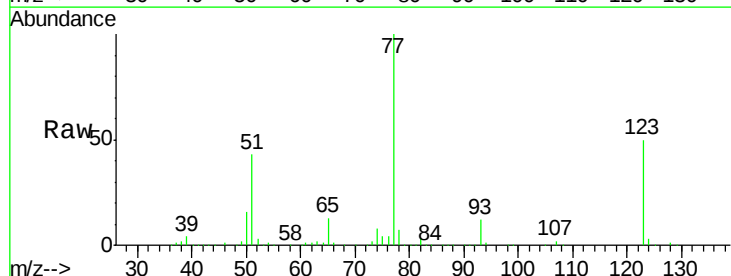
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion: 82 Resp: 1069310
 Ion Ratio Lower Upper
 82 100
 128 41.8 32.4 48.6
 54 46.1 39.2 58.8



#24
 Nitrobenzene
 Concen: 39.35 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion: 77 Resp: 574021
 Ion Ratio Lower Upper
 77 100
 123 49.7 36.5 54.7
 65 13.0 10.7 16.1





#25

Isophorone

Concen: 40.80 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampled :

PB94688BS

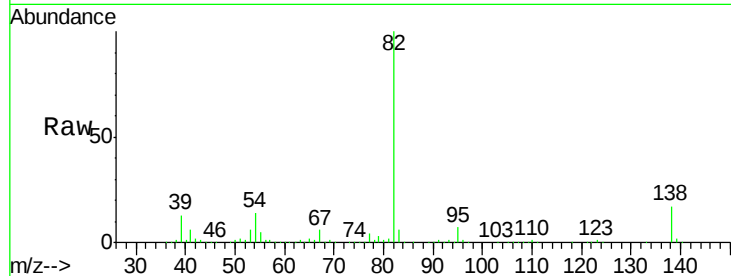
Tot Ion: 82 Resp: 1038347

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

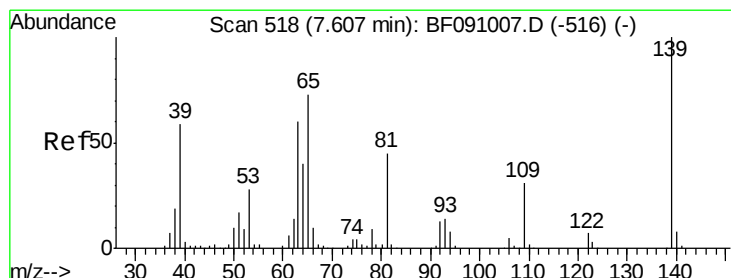
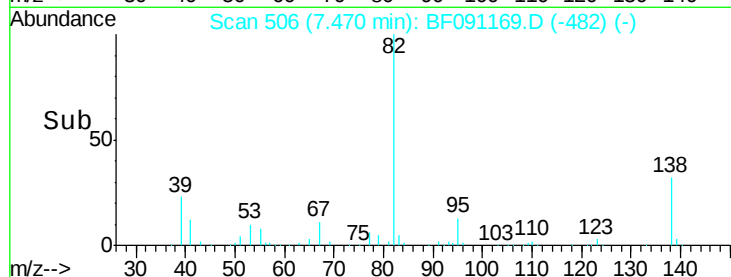
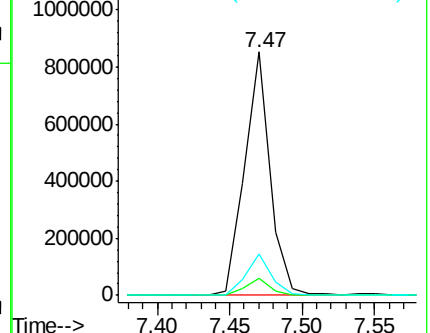
138 17.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.68 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

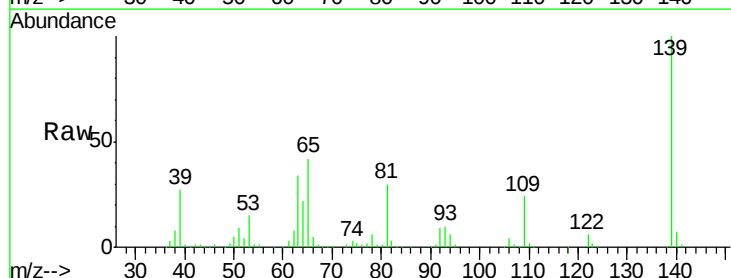
Tgt Ion: 139 Resp: 263446

Ion Ratio Lower Upper

139 100

109 24.4 24.7 37.1#

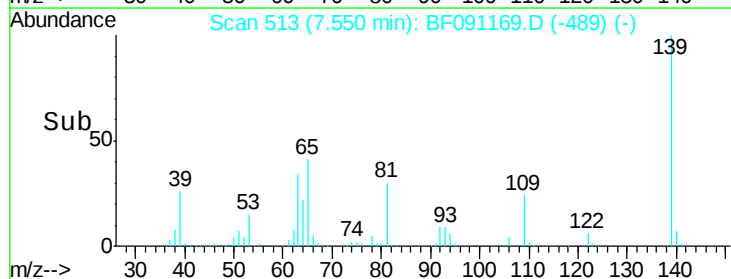
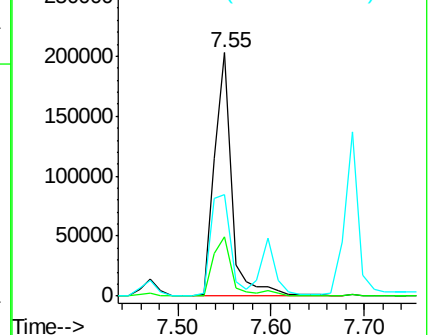
65 41.9 58.3 87.5#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.28 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

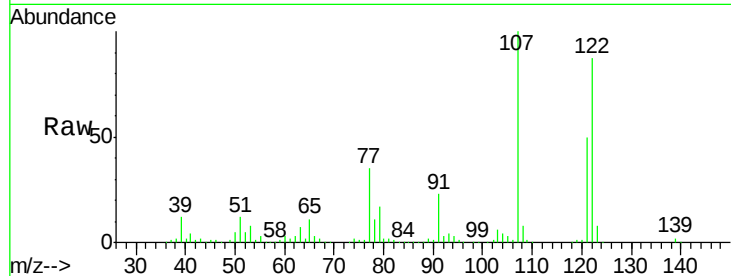
Tot Ion:122 Resp: 452085

Ion Ratio Lower Upper

122 100

107 115.4 89.6 134.4

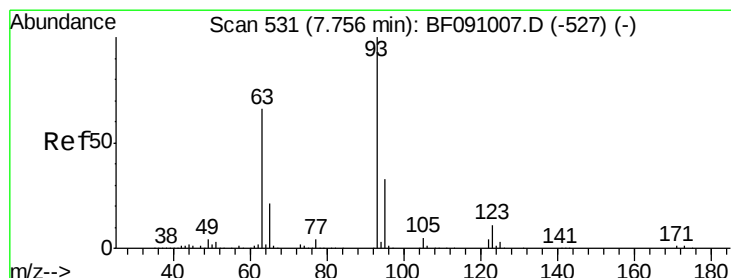
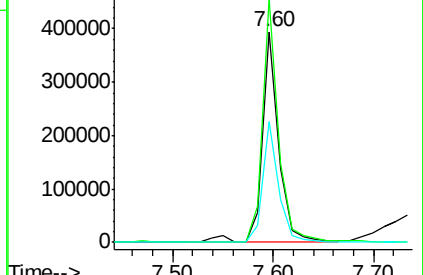
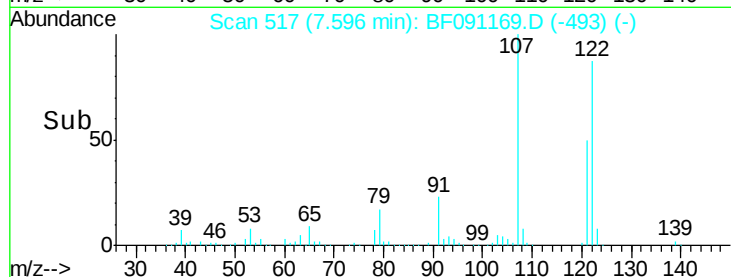
121 57.2 46.3 69.5



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: 46.45 ng

RT: 7.69 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

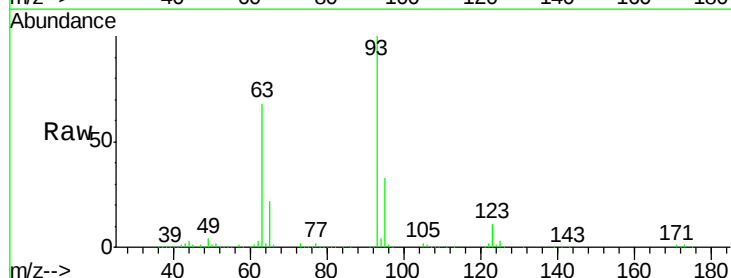
Tgt Ion: 93 Resp: 645872

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

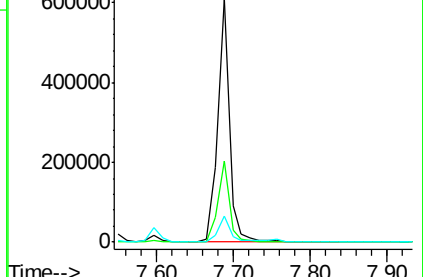
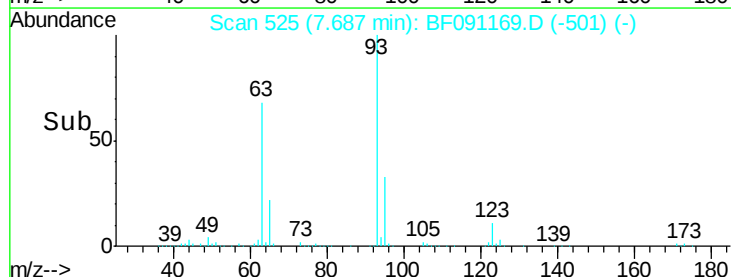
123 10.7 8.7 13.1



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

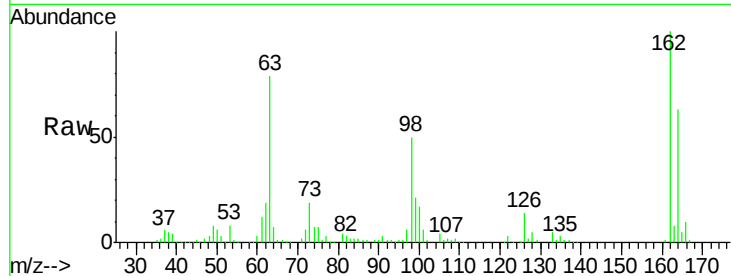




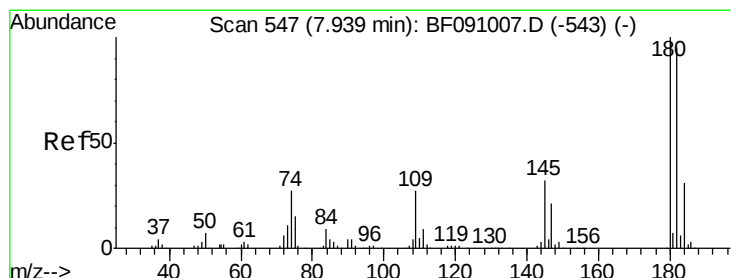
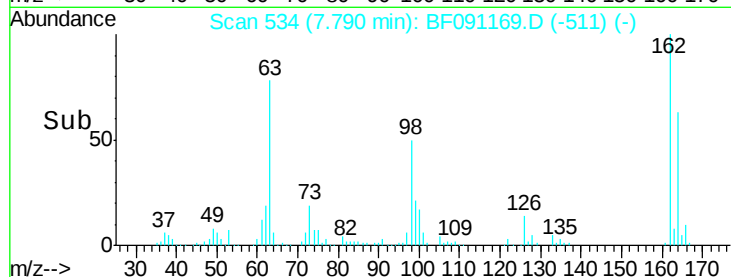
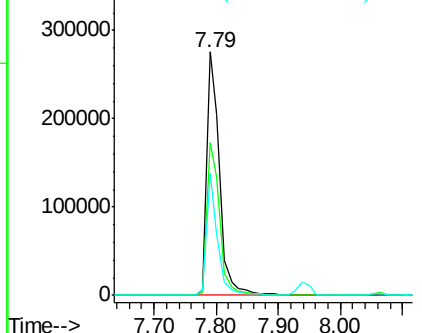
#29
 2,4-Dichlorophenol
 Concen: 43.82 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.4	84.4
98	50.0	25.2	65.2

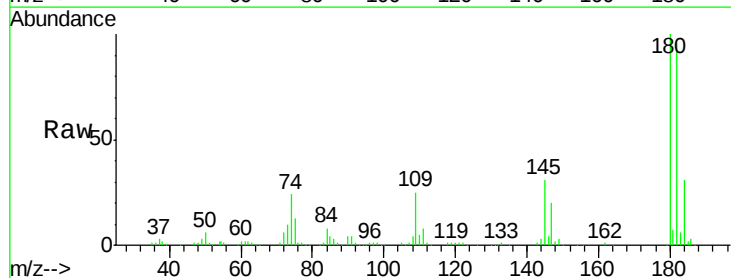


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

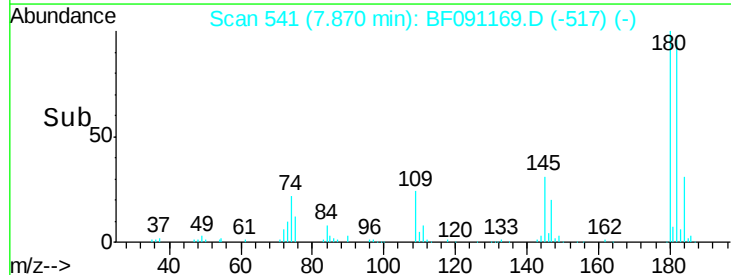
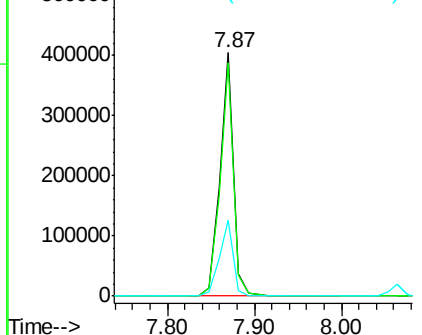


#30
 1,2,4-Trichlorobenzene
 Concen: 44.27 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	31.3	25.8	38.8



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





#31

Naphthalene

Concen: 41.28 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

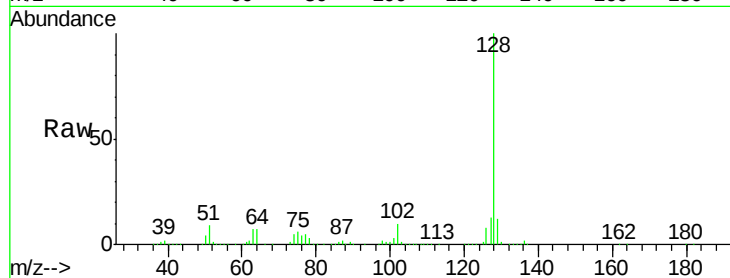
Tot Ion:128 Resp: 1422589

Ion Ratio Lower Upper

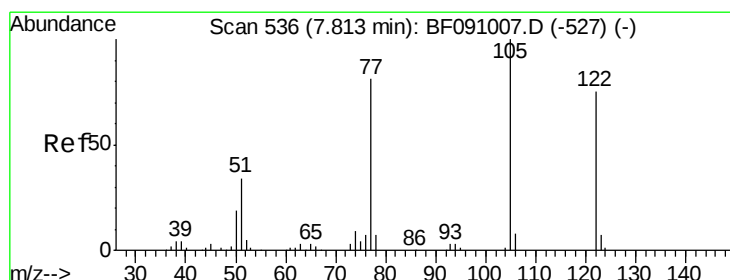
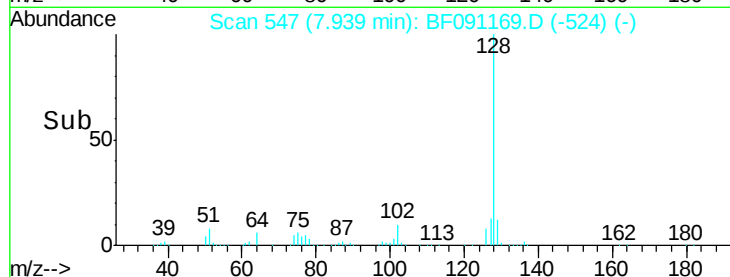
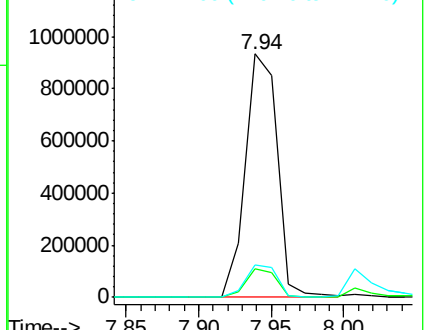
128 100

129 11.7 9.0 13.6

127 13.5 10.9 16.3



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: 30.13 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

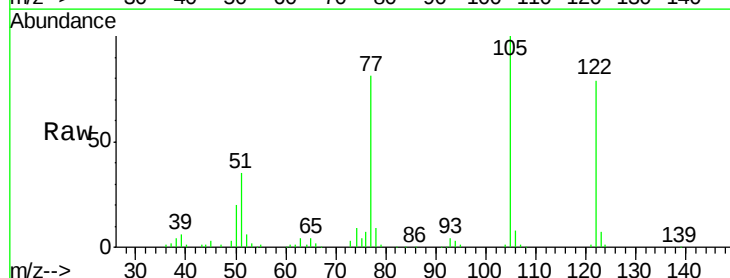
Tgt Ion:122 Resp: 223179

Ion Ratio Lower Upper

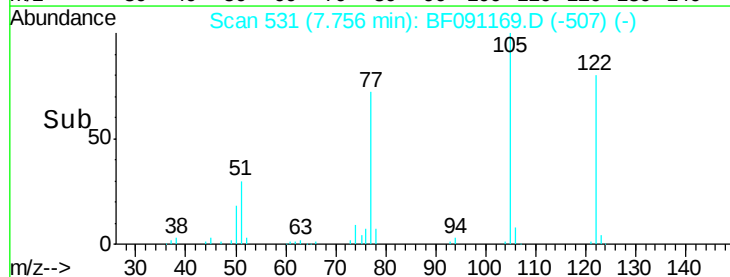
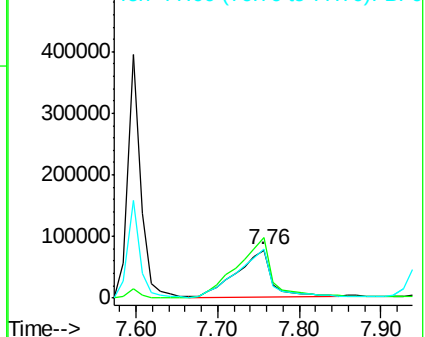
122 100

105 126.3 105.9 145.9

77 102.1 84.0 124.0



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

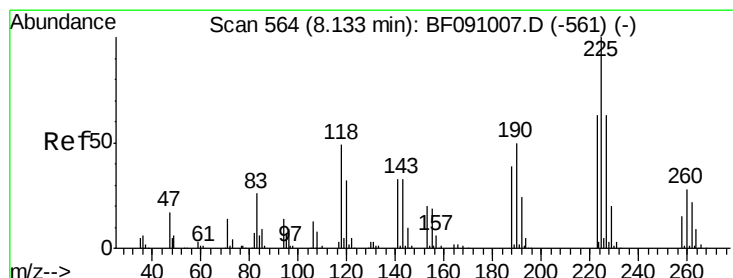
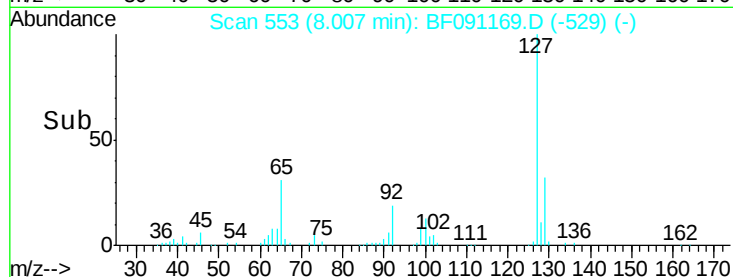
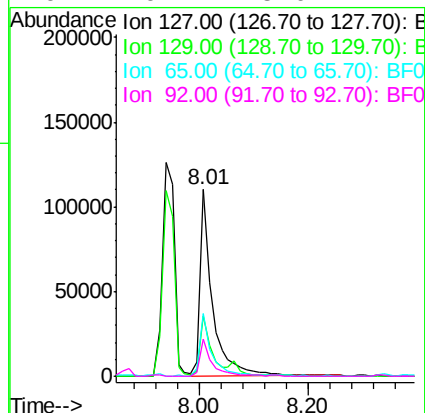
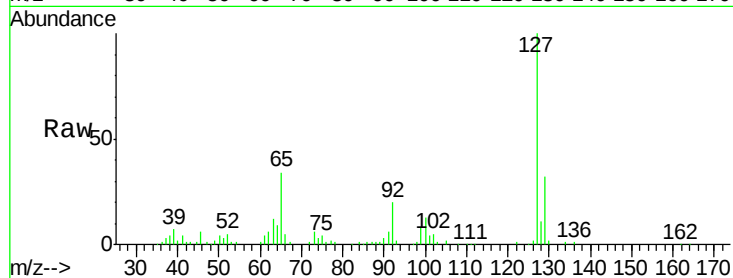




#33
4-Chloroaniline
Concen: 12.03 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

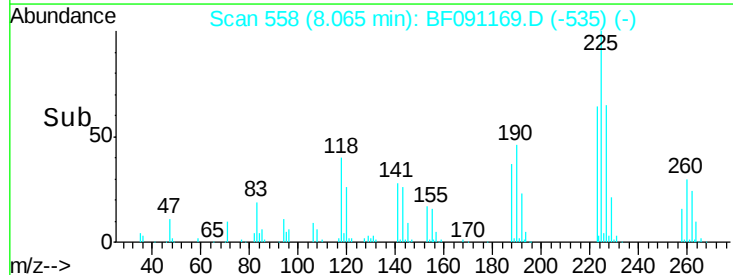
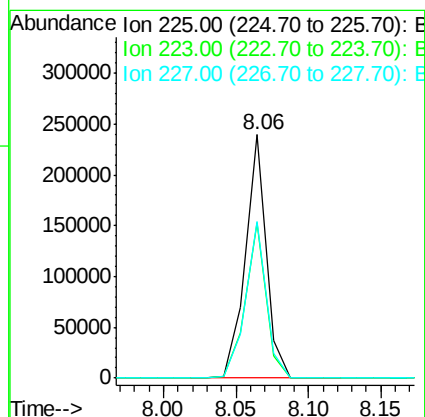
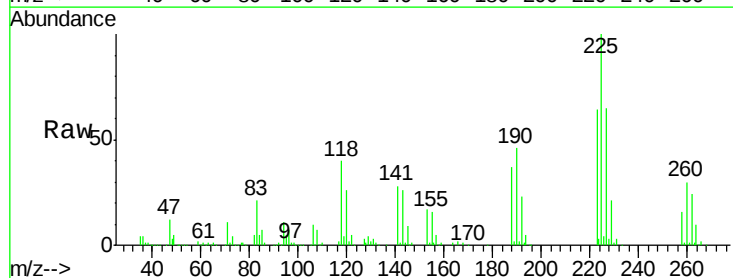
Instrument :
BNA_F
ClientSampleId :
PB94688BS

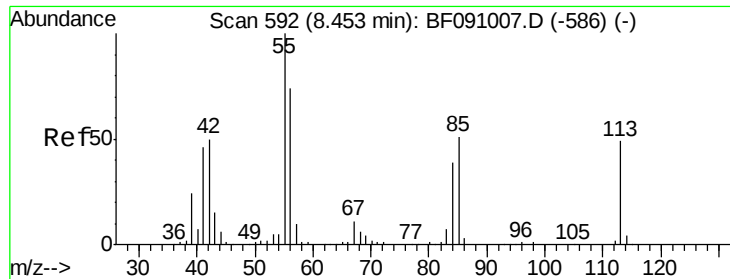
Tot Ion:	127	Resp:	172378
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	33.9	22.2	33.2#
92	19.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 44.38 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:	225	Resp:	239953
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	64.6	50.1	75.1

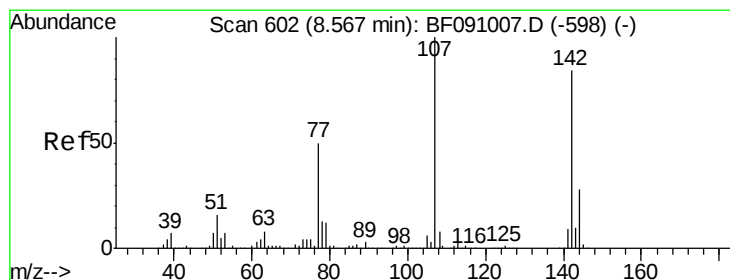
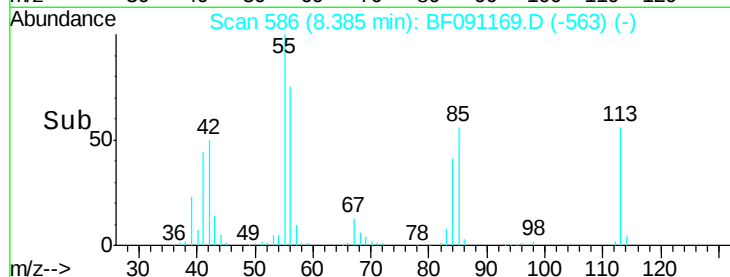
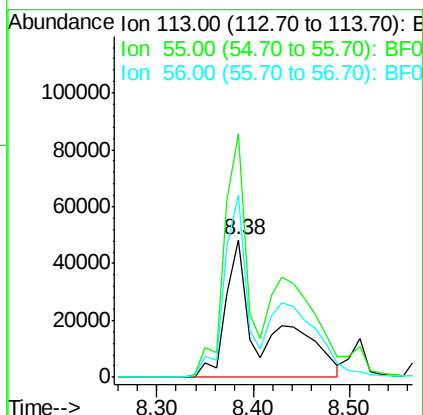
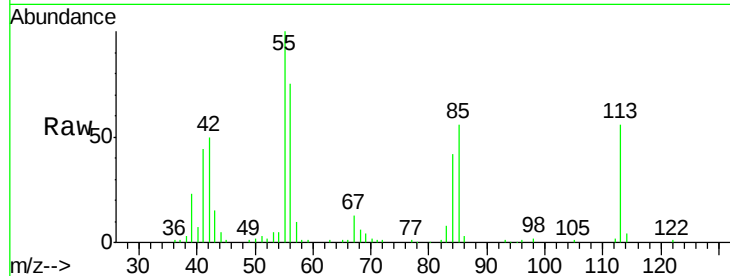




#35
 Caprolactam
 Concen: 48.27 ng/ml
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

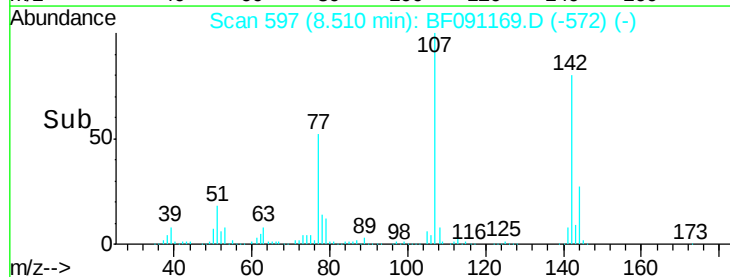
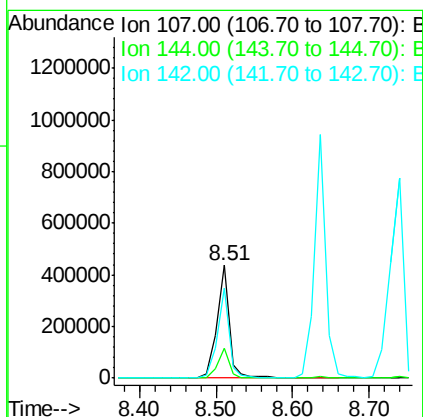
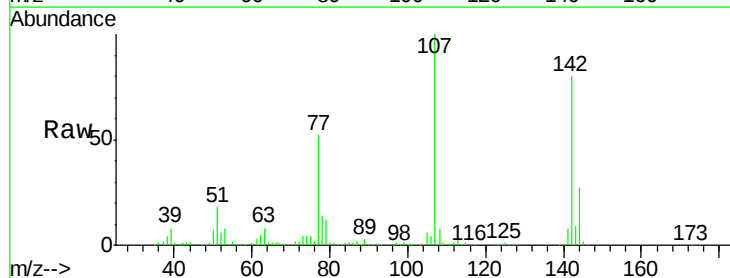
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

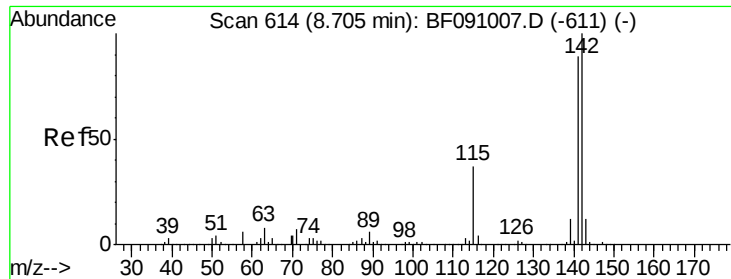
Tot Ion:113 Resp: 135118
 Ion Ratio Lower Upper
 113 100
 55 177.2 184.1 224.1#
 56 133.0 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.22 ng/ml
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:107 Resp: 487801
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.5 33.7
 142 79.7 67.4 101.2

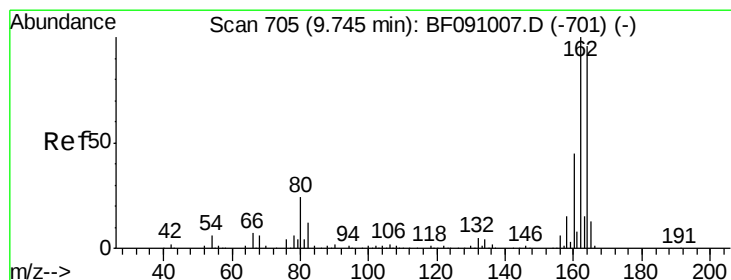
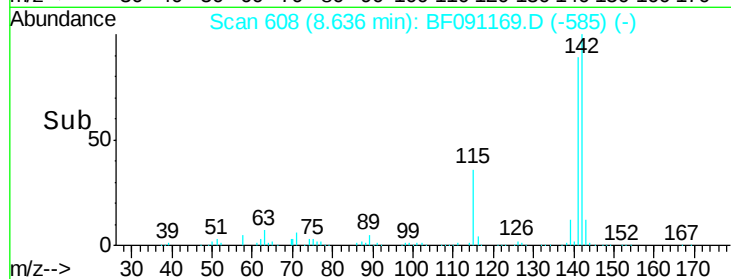
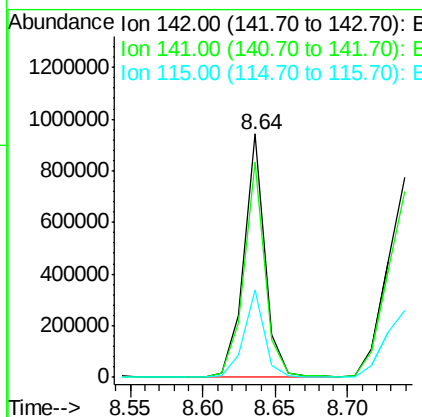
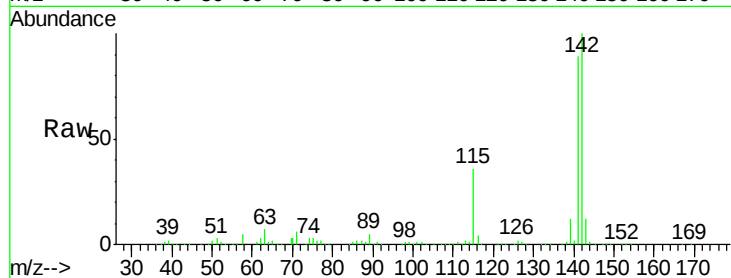




#37
2-Methylnaphthalene
Concen: 43.06 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

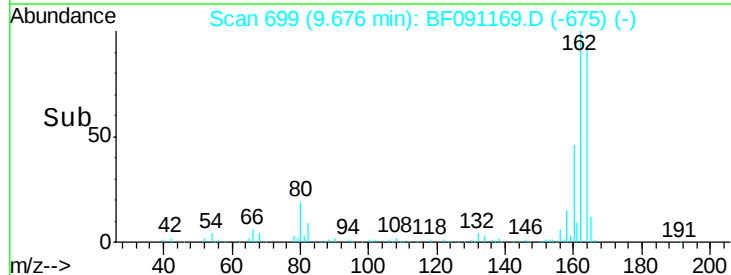
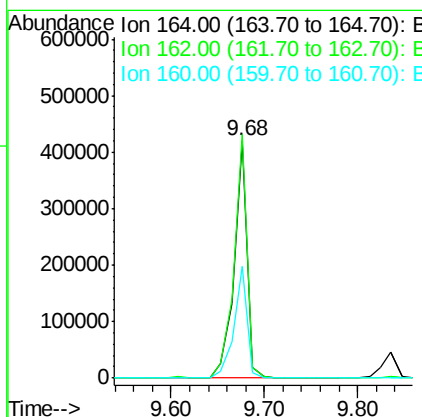
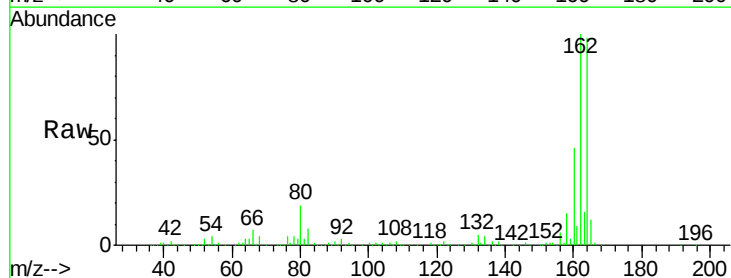
Instrument :
BNA_F
ClientSampleId :
PB94688BS

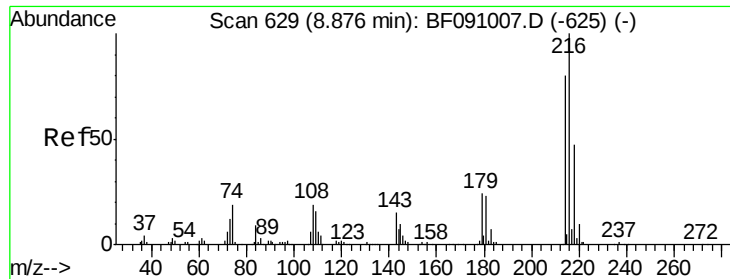
Tot Ion:142 Resp: 953899
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 36.1 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:164 Resp: 411720
Ion Ratio Lower Upper
164 100
162 102.4 83.6 125.4
160 47.0 37.9 56.9

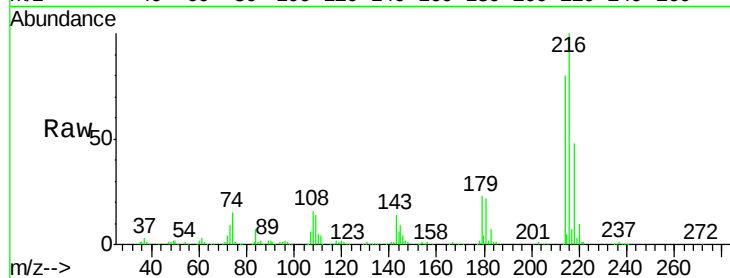




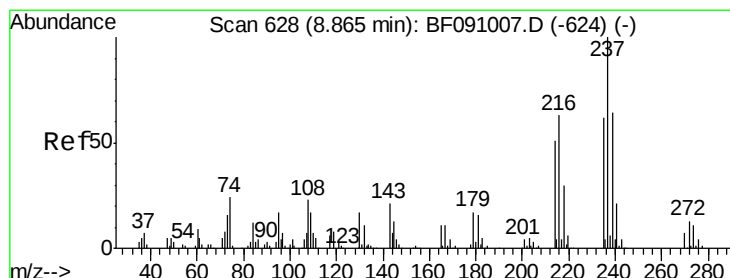
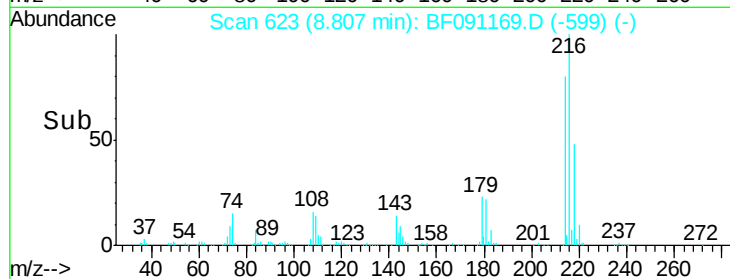
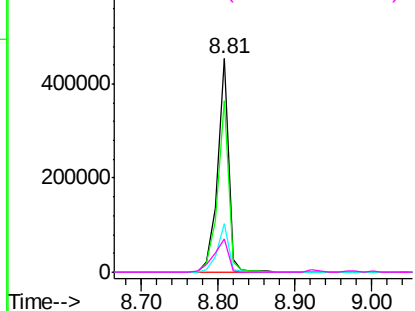
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.96 ng
 RT: 8.81 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion:216	Resp:	450982
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.5 95.3
179	23.2	19.1 28.7
108	21.5	17.5 26.3

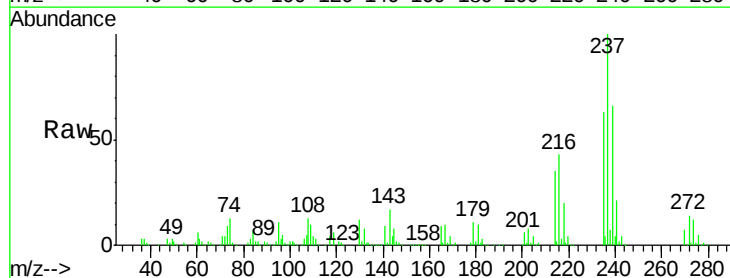


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

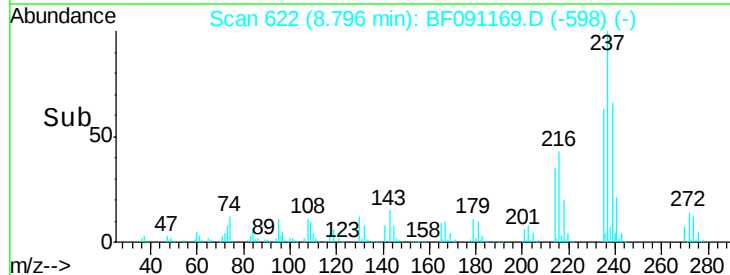
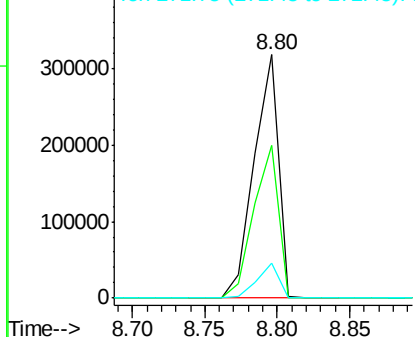


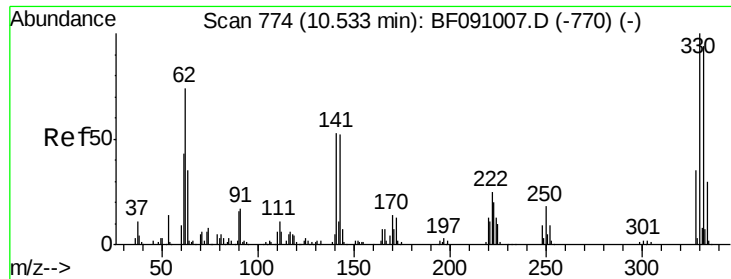
#40
 Hexachlorocyclopentadiene
 Concen: 90.35 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:237	Resp:	371804
Ion Ratio	Lower	Upper
237	100	
235	62.7	42.1 82.1
272	14.4	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

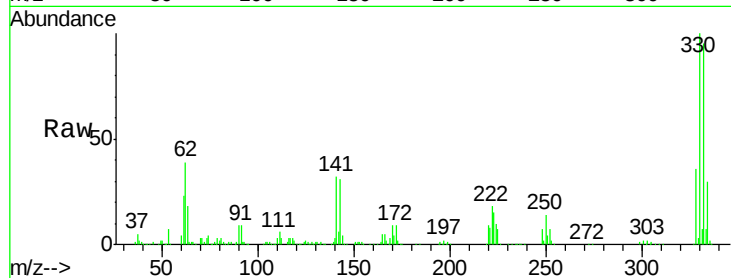




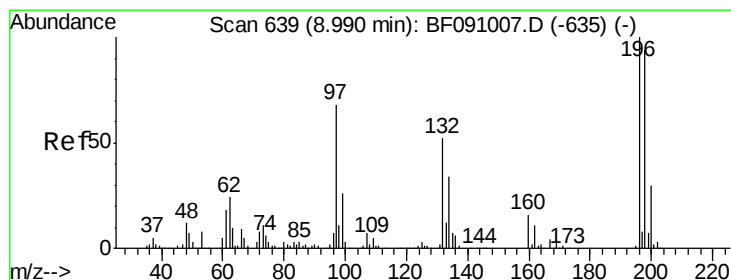
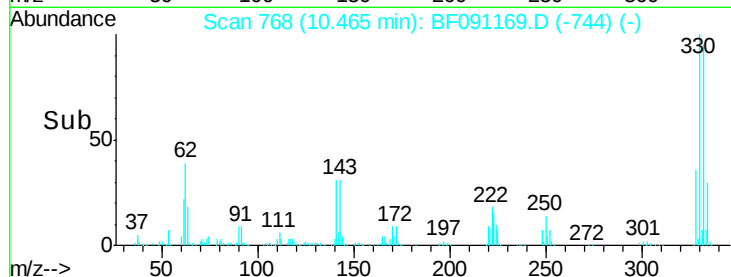
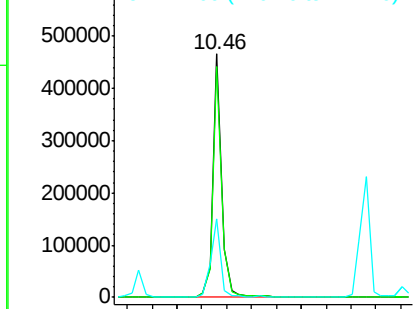
#41
 2,4,6-Tribromophenol
 Concen: 122.07 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion:330 Resp: 454383
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 36.9 36.1 54.1

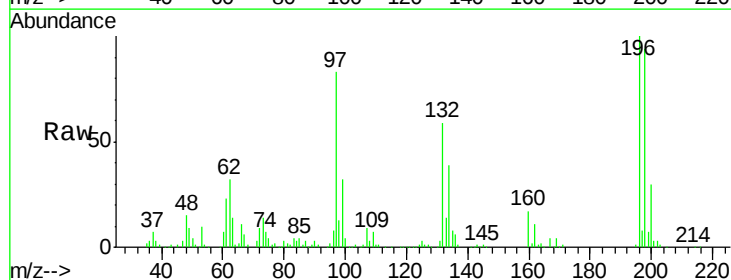


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

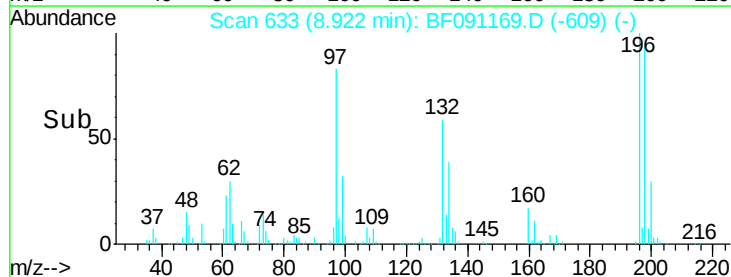
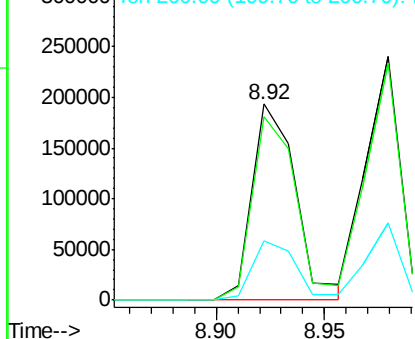


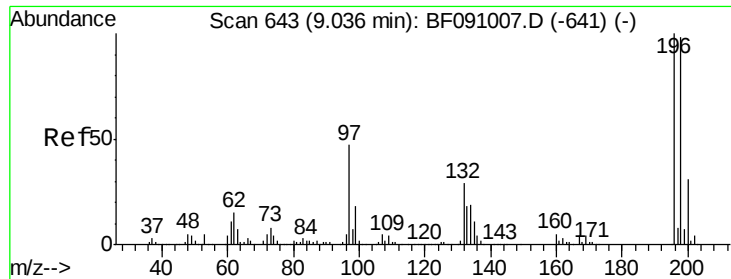
#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:196 Resp: 270484
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.0
 200 30.1 24.1 36.1



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

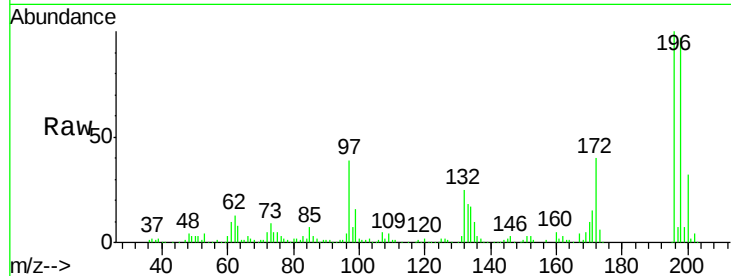




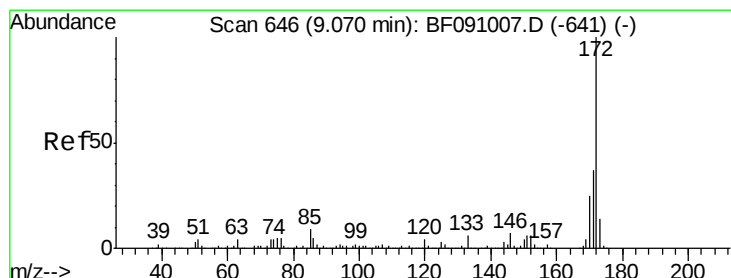
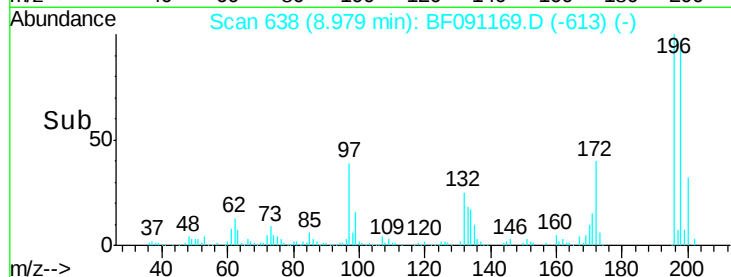
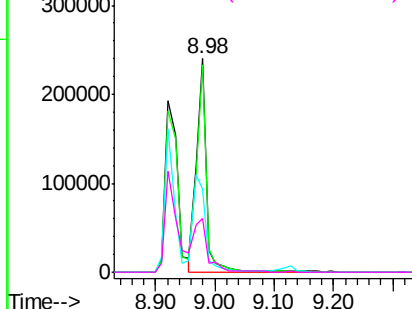
#43
 2,4,5-Trichlorophenol
 Concen: 40.44 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.4
97	39.1	38.8	58.2
132	25.4	23.5	35.3

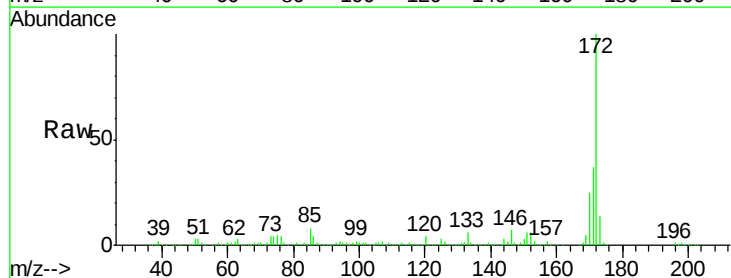


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

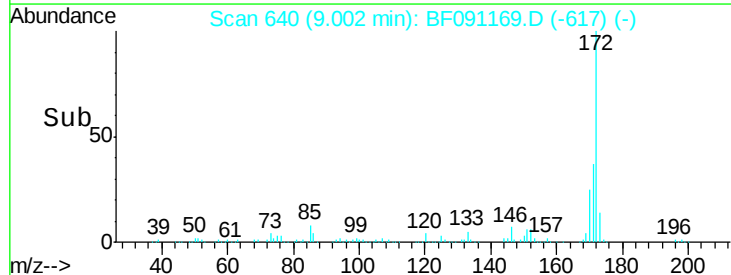
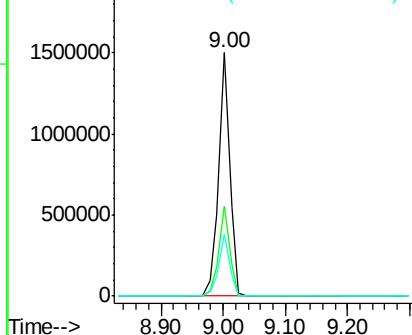


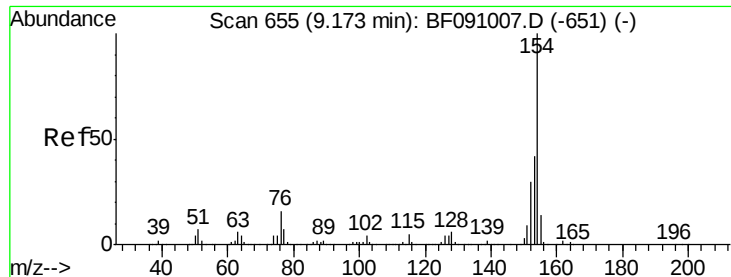
#44
 2-Fluorobiphenyl
 Concen: 76.81 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.4	20.3	30.5



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

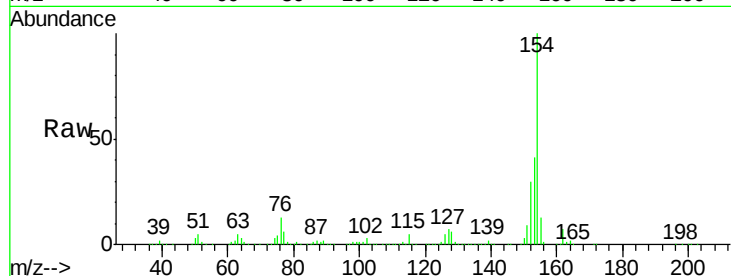




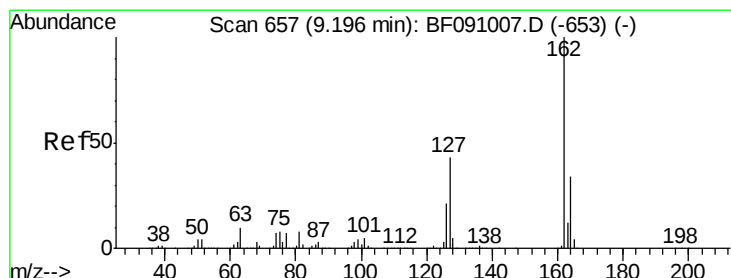
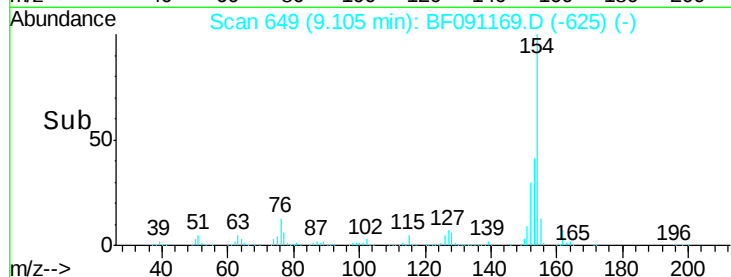
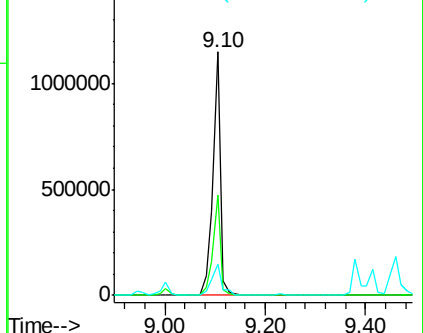
#45
 1,1'-Biphenyl
 Concen: 39.83 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion:154 Resp: 1197407
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.6 61.6
 76 13.0 0.0 36.2

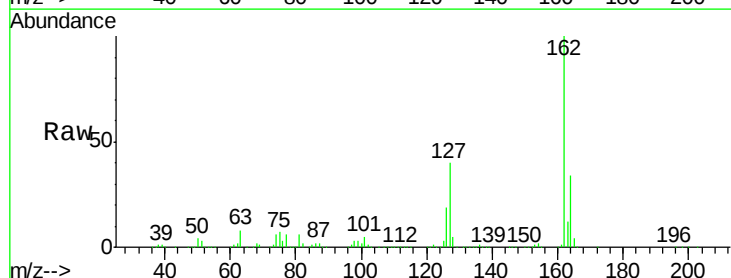


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

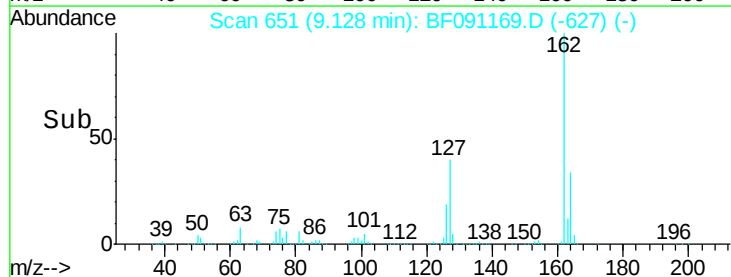
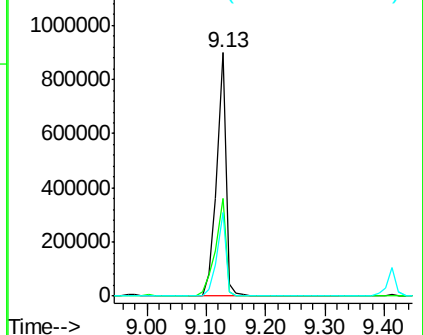


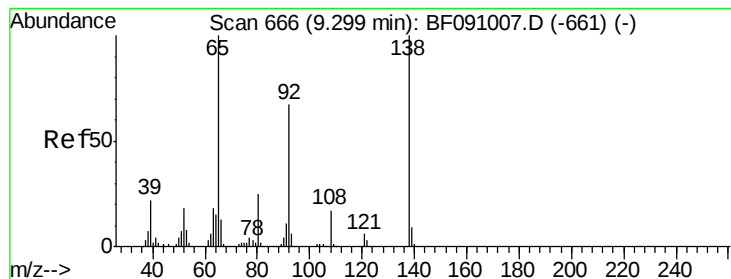
#46
 2-Chloronaphthalene
 Concen: 42.49 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:162 Resp: 969888
 Ion Ratio Lower Upper
 162 100
 127 40.1 34.7 52.1
 164 34.4 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.37 ng

RT: 9.23 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

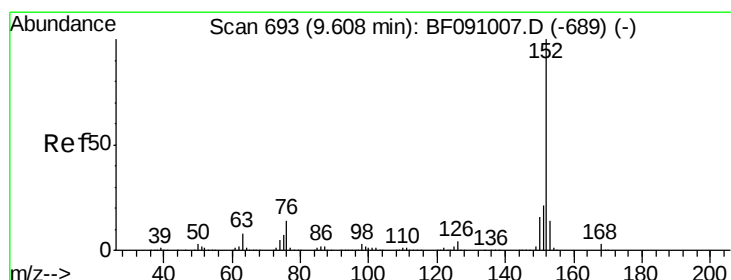
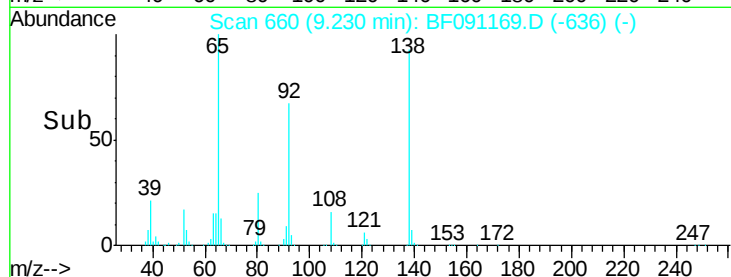
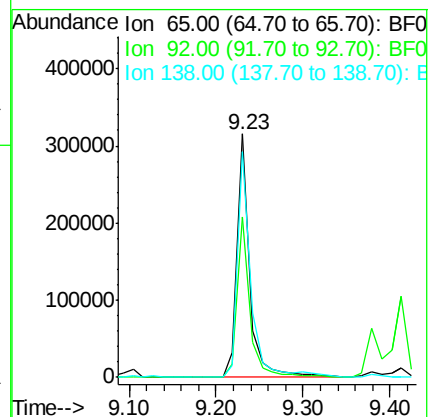
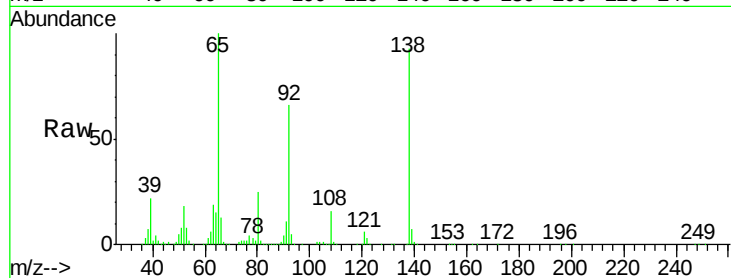
Tot Ion: 65 Resp: 316566

Ion Ratio Lower Upper

65 100

92 66.2 53.9 80.9

138 92.6 80.1 120.1



#48

Acenaphthylene

Concen: 40.27 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

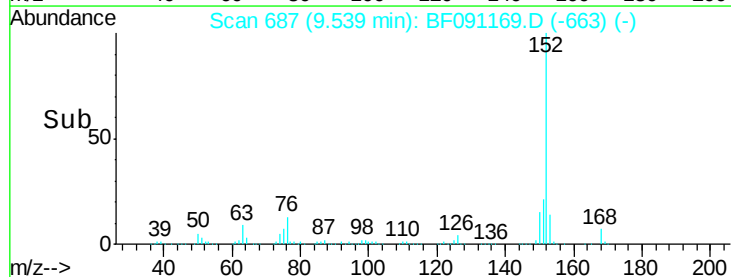
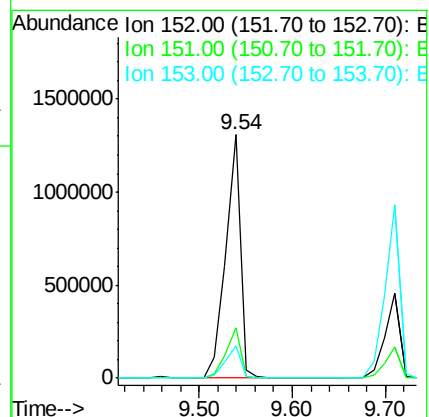
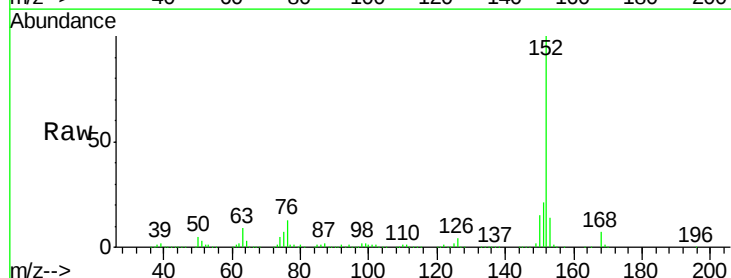
Tgt Ion: 152 Resp: 1432521

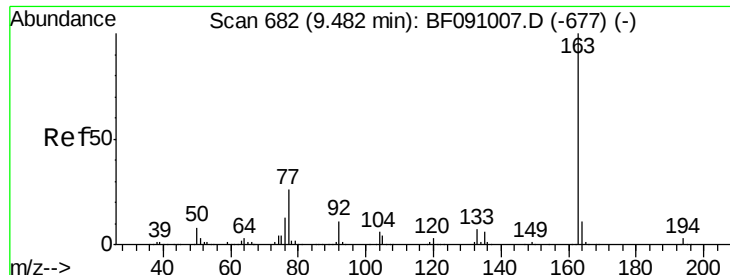
Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

153 13.5 11.1 16.7





#49

Dimethylphthalate

Concen: 39.37 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

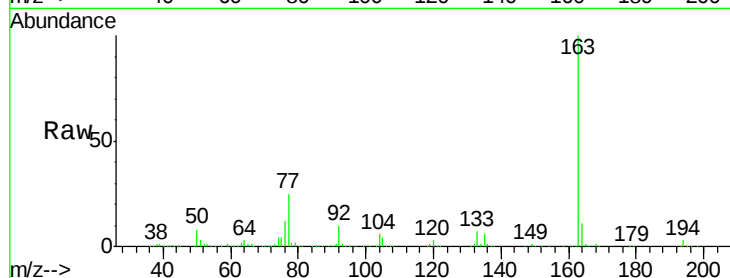
Tot Ion:163 Resp: 1062961

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

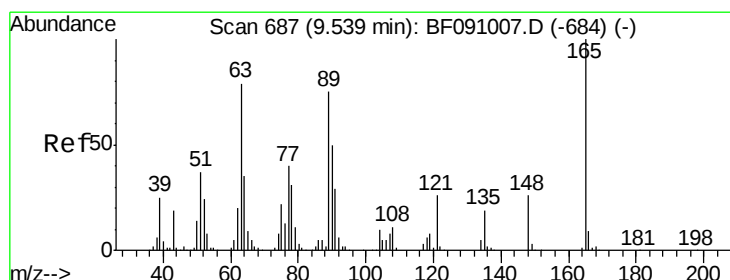
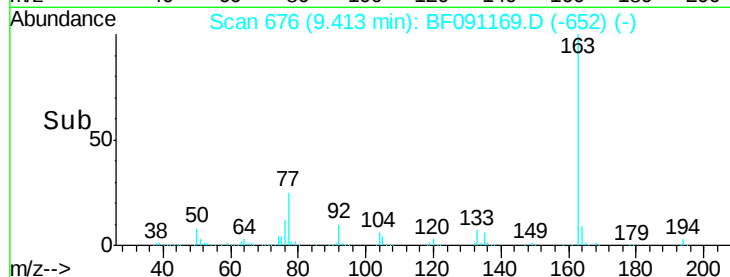
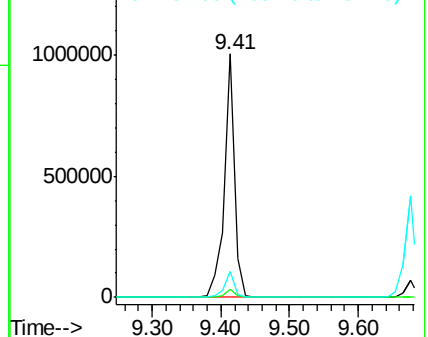
164 10.7 8.7 13.1



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: 40.37 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

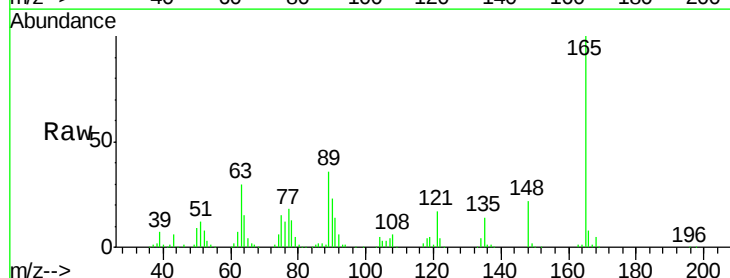
Tgt Ion:165 Resp: 233602

Ion Ratio Lower Upper

165 100

63 30.5 65.6 98.4#

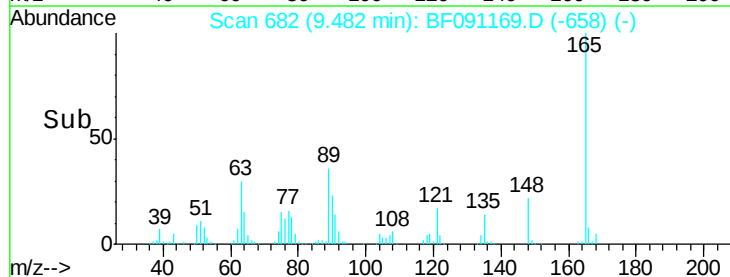
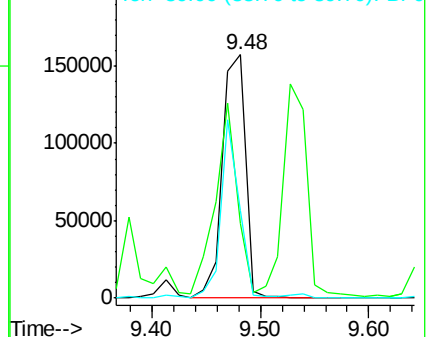
89 36.1 59.8 89.6#

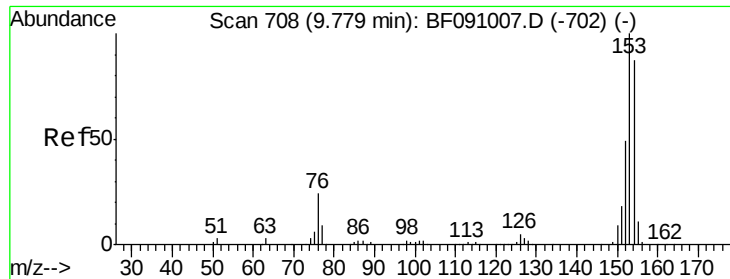


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.32 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

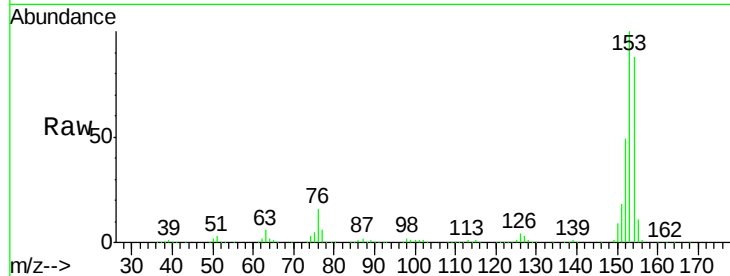
Tot Ion:154 Resp: 900314

Ion Ratio Lower Upper

154 100

153 113.7 91.6 137.4

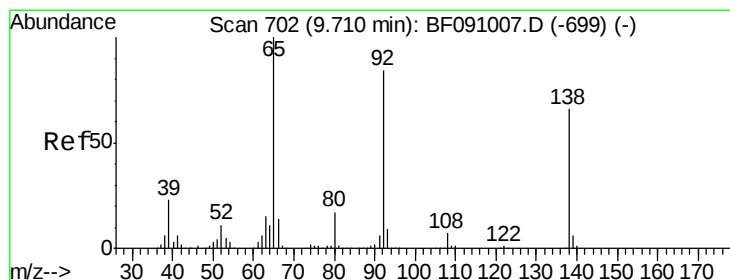
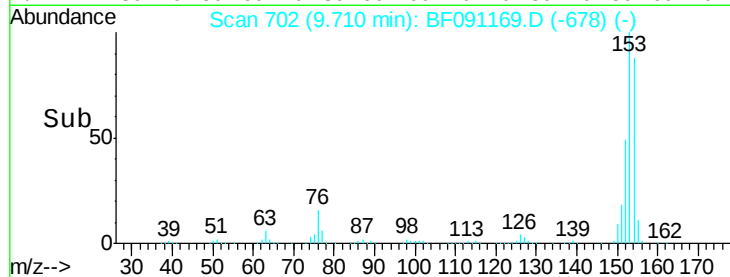
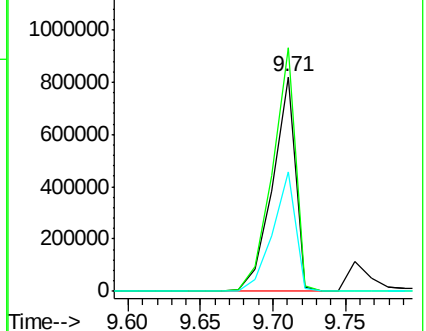
152 55.6 44.6 67.0



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: 16.92 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

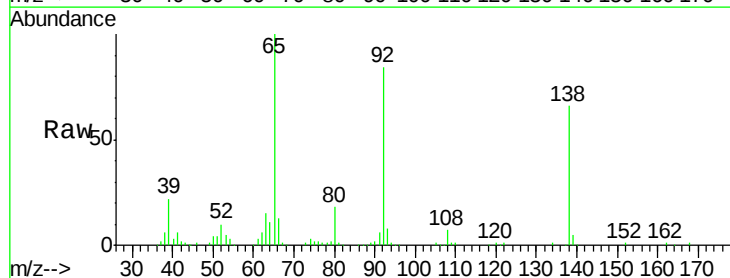
Tgt Ion:138 Resp: 116108

Ion Ratio Lower Upper

138 100

108 10.2 8.4 12.6

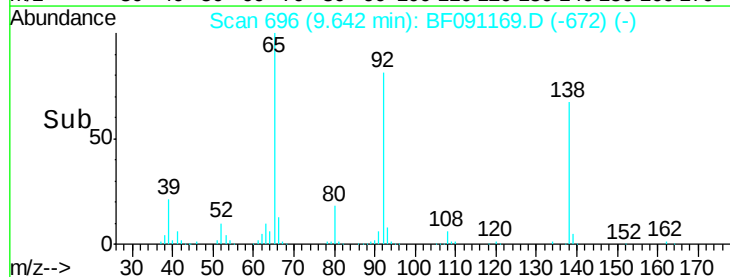
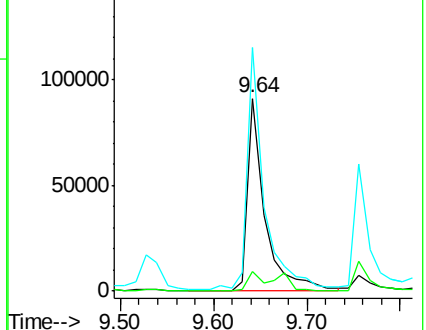
92 126.3 101.1 151.7

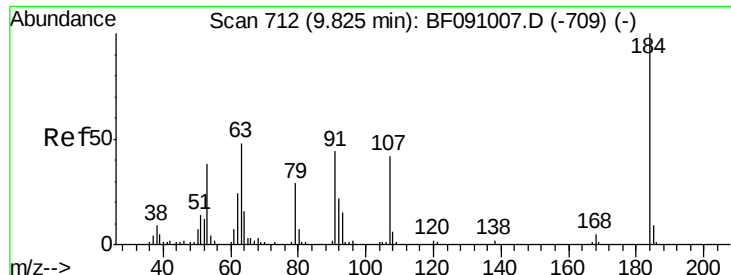


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

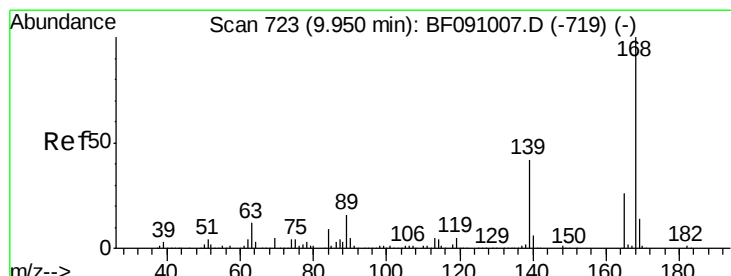
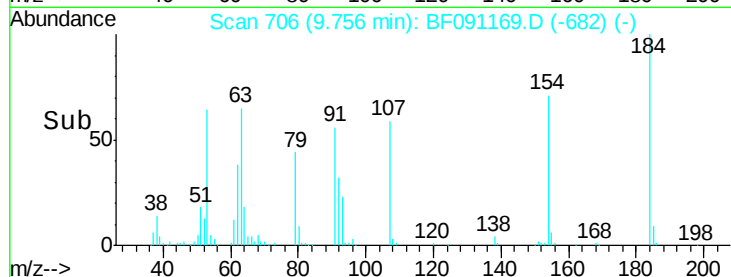
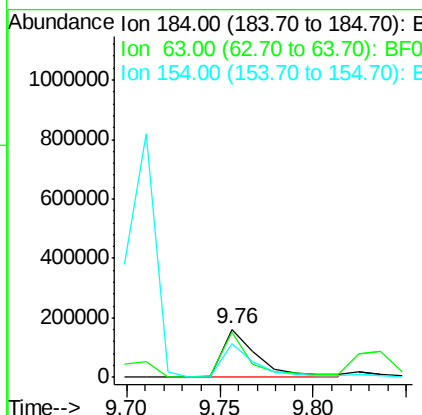
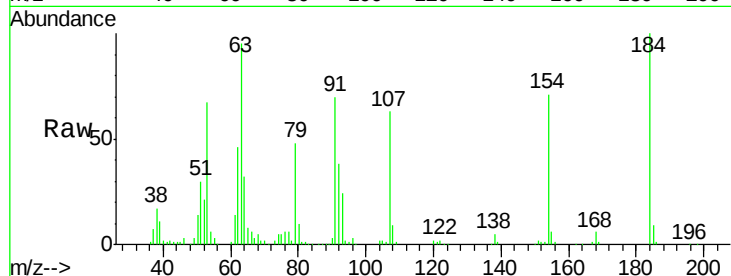




#53
 2,4-Dinitrophenol
 Concen: 68.79 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

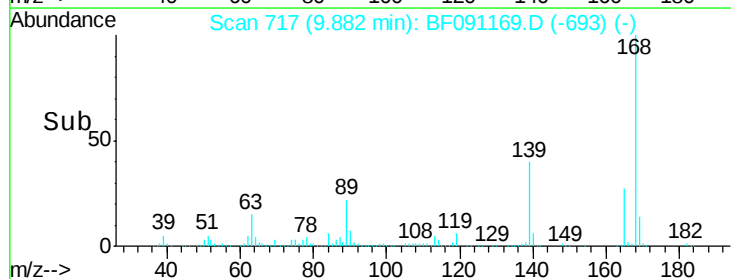
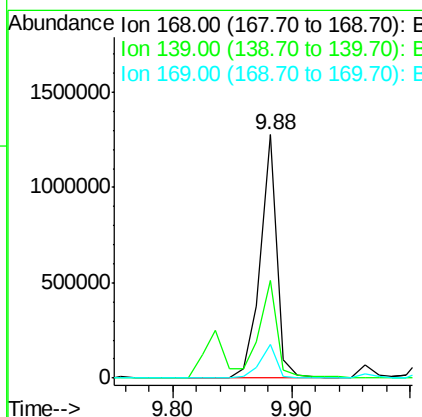
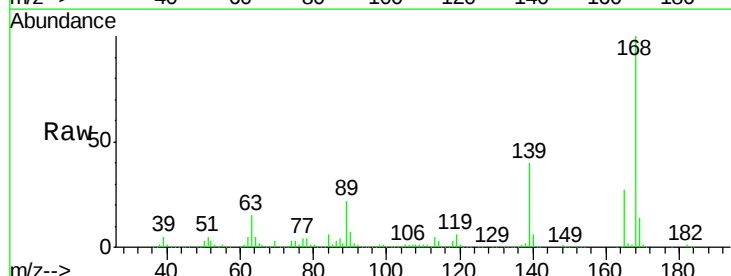
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

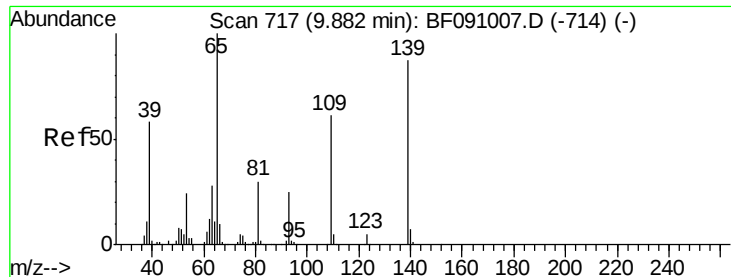
Tot Ion:184 Resp: 213792
 Ion Ratio Lower Upper
 184 100
 63 95.1 45.5 68.3#
 154 70.9 51.0 76.4



#54
 Dibenzofuran
 Concen: 41.77 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:168 Resp: 1255754
 Ion Ratio Lower Upper
 168 100
 139 40.3 34.8 52.2
 169 13.9 11.4 17.2

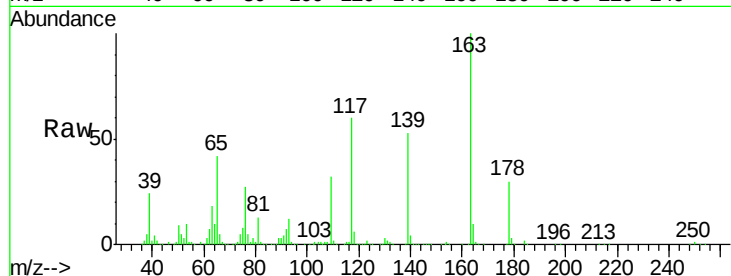




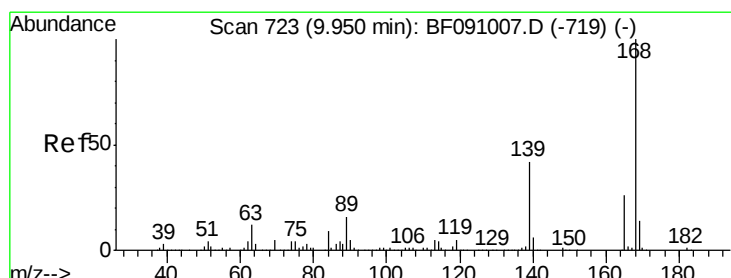
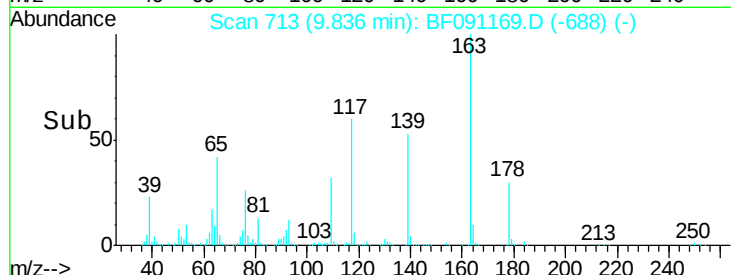
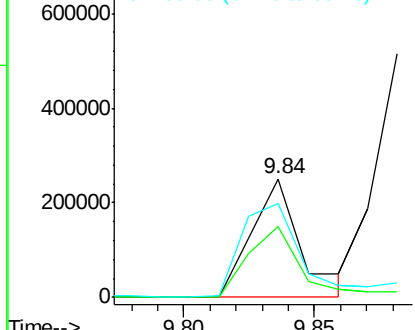
#55
4-Nitrophenol
Concen: 71.85 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Instrument :
BNA_F
ClientSampleId :
PB94688BS

Tot Ion:139 Resp: 325415
Ion Ratio Lower Upper
139 100
109 59.2 50.5 90.5
65 79.0 97.1 137.1#

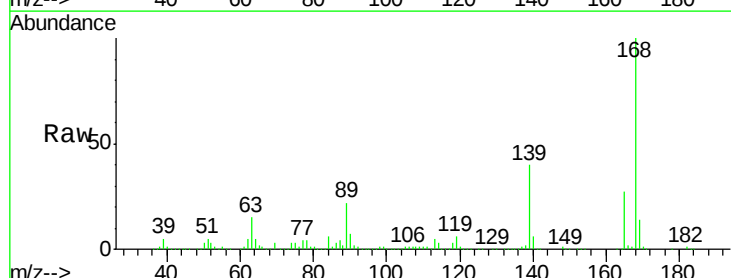


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

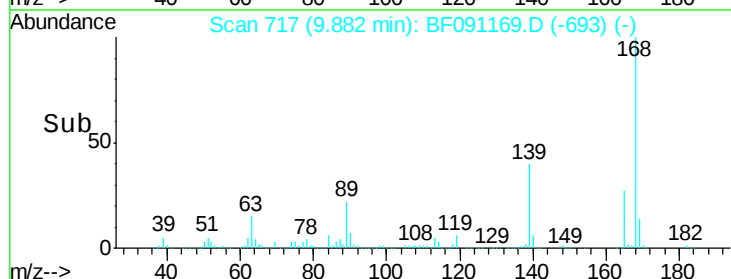
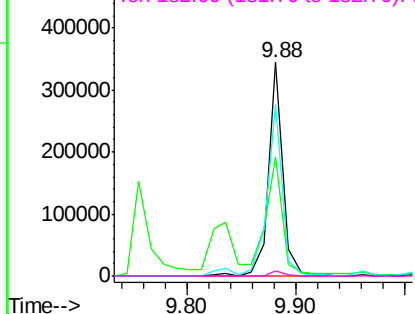


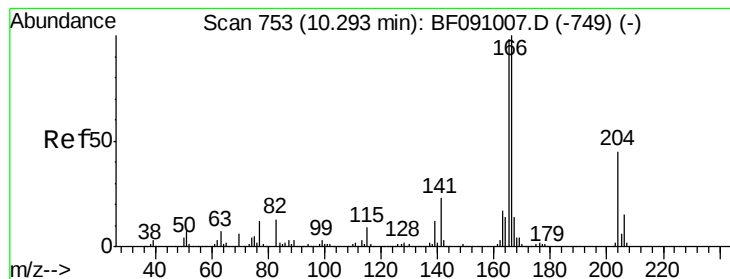
#56
2,4-Dinitrotoluene
Concen: 43.08 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:165 Resp: 317142
Ion Ratio Lower Upper
165 100
63 55.6 38.7 58.1
89 80.5 50.6 76.0#
182 2.3 1.8 2.8



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: 43.25 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

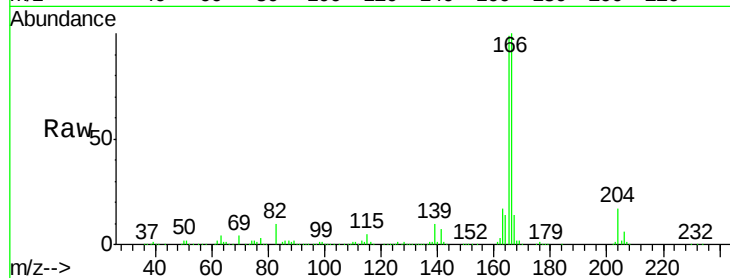
Tot Ion:166 Resp: 1062786

Ion Ratio Lower Upper

166 100

165 98.6 78.6 118.0

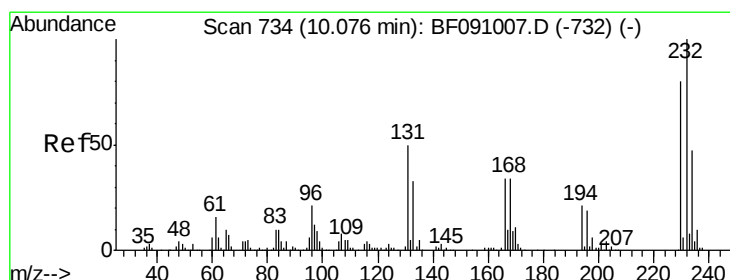
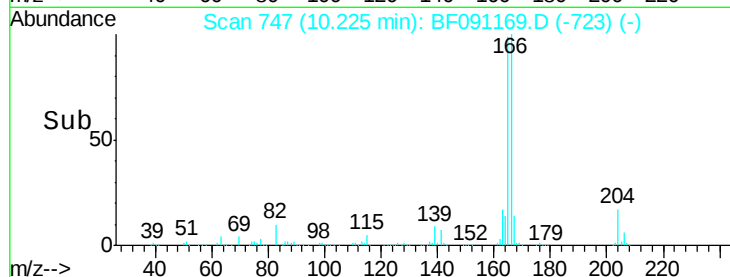
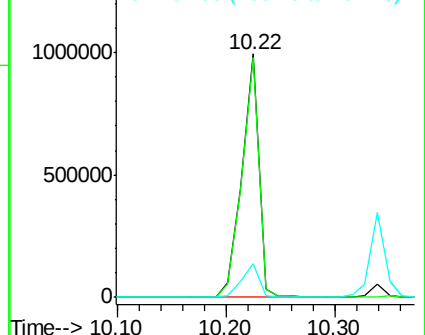
167 13.7 11.1 16.7



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: 47.03 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Tgt Ion:232 Resp: 262138

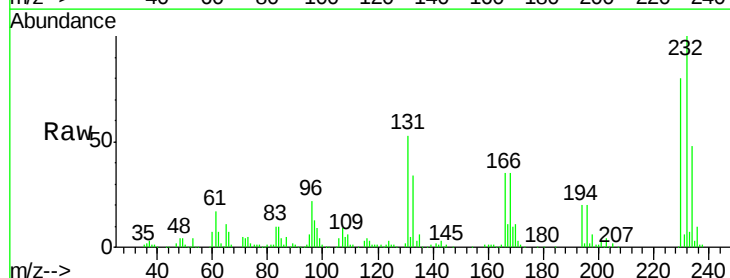
Ion Ratio Lower Upper

232 100

131 53.3 43.6 65.4

130 2.6 2.0 3.0

166 33.1 27.4 41.2

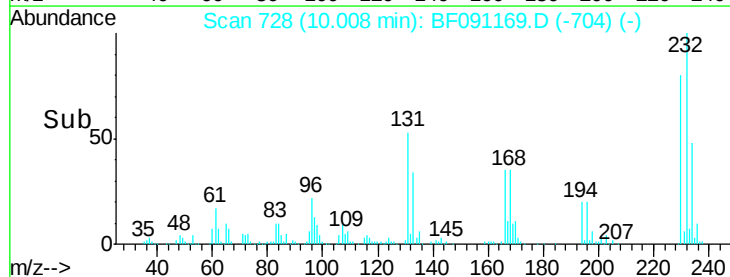
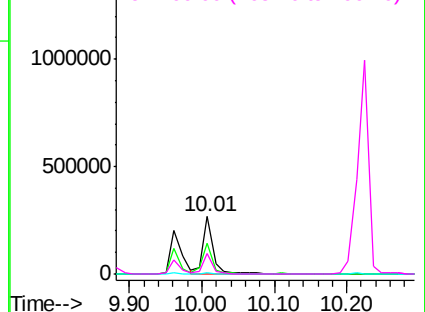


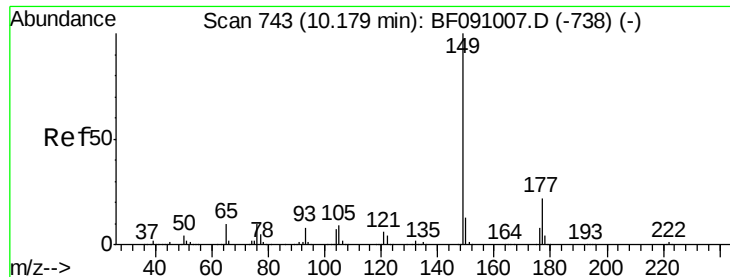
Abundance Ion 232.00 (231.70 to 232.70): E

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

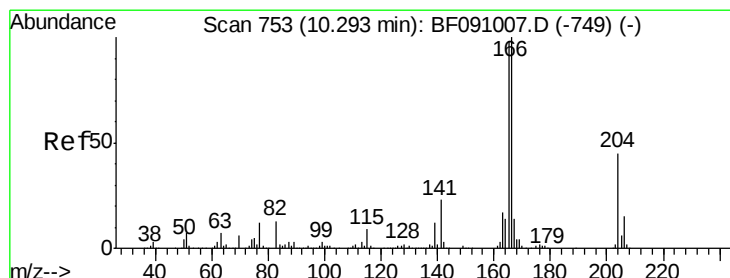
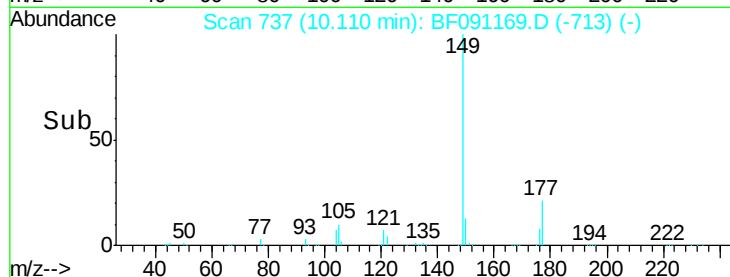
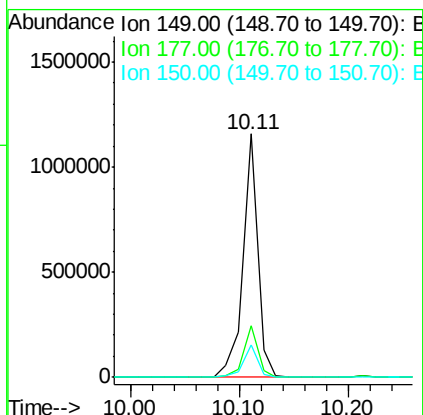
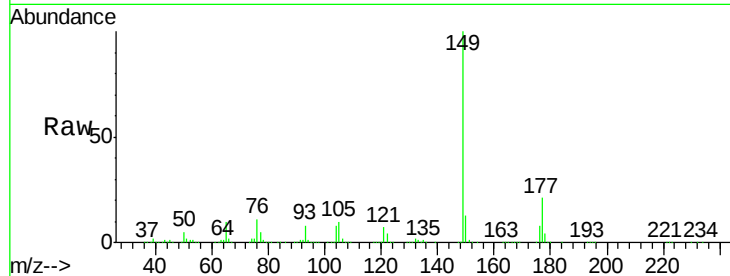




#59
Diethylphthalate
Concen: 39.23 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

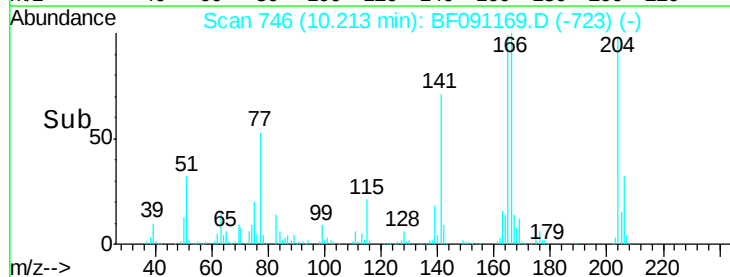
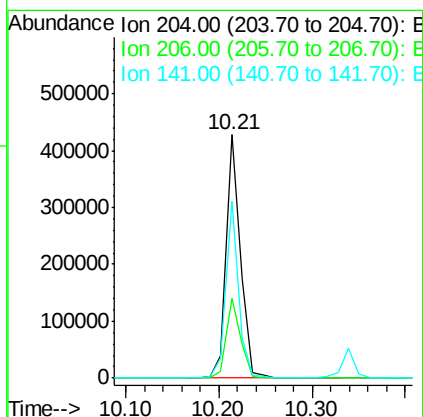
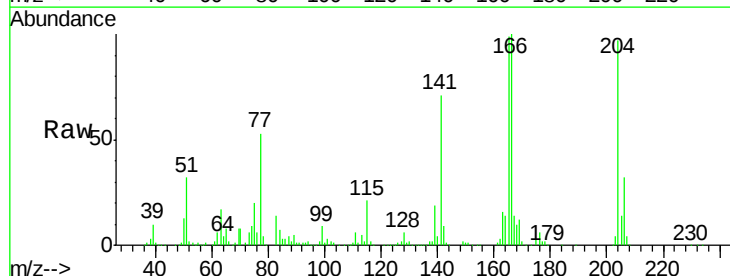
Instrument :
BNA_F
ClientSampleId :
PB94688BS

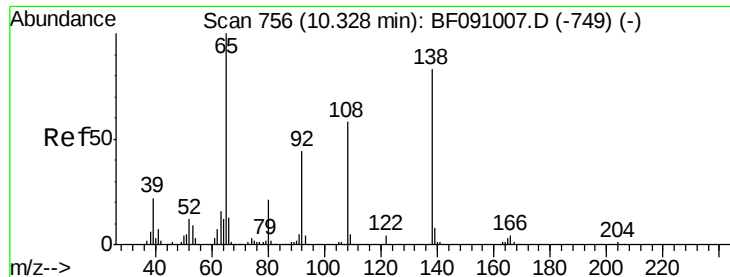
Tot Ion:149 Resp: 1085801
Ion Ratio Lower Upper
149 100
177 21.1 17.3 25.9
150 13.2 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 40.43 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:204 Resp: 452144
Ion Ratio Lower Upper
204 100
206 32.9 27.1 40.7
141 72.9 40.1 60.1#





#61

4-Nitroaniline

Concen: 36.09 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

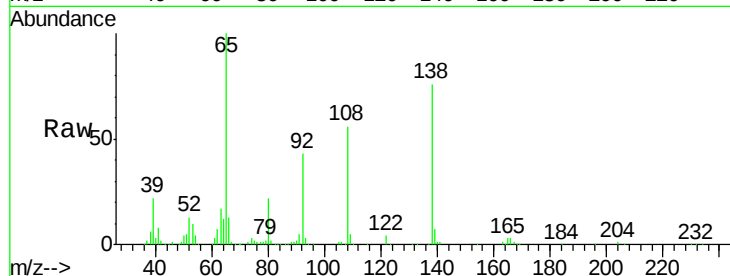
Tot Ion:138 Resp: 250465

Ion Ratio Lower Upper

138 100

92 56.1 32.5 72.5

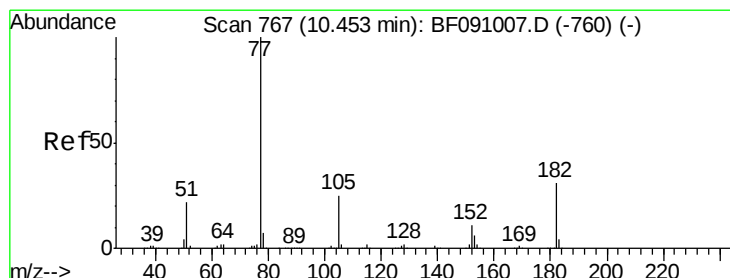
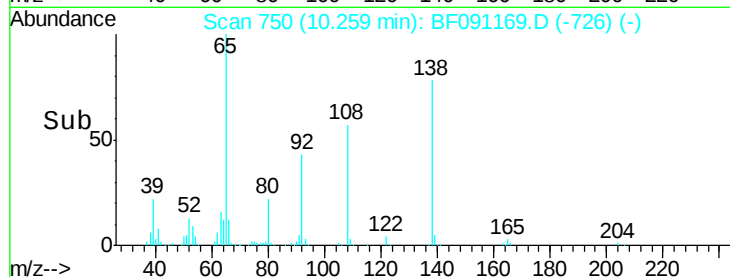
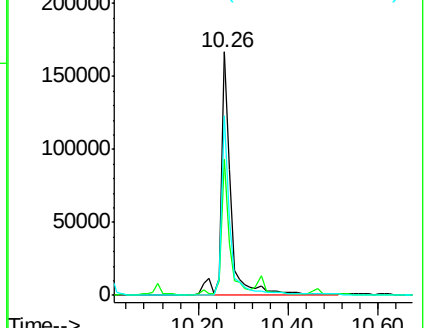
108 73.7 49.4 89.4



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: 37.38 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Tgt Ion: 77 Resp: 1217908

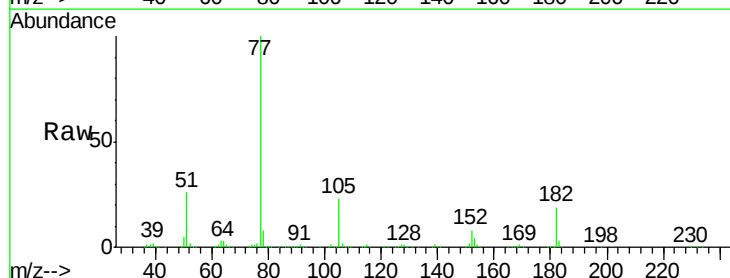
Ion Ratio Lower Upper

77 100

182 18.9 11.0 51.0

105 23.3 5.6 45.6

51 26.5 2.7 42.7

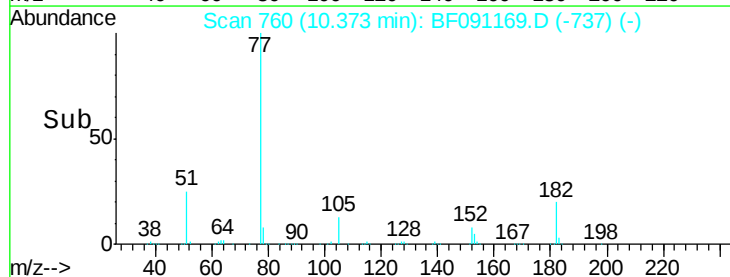
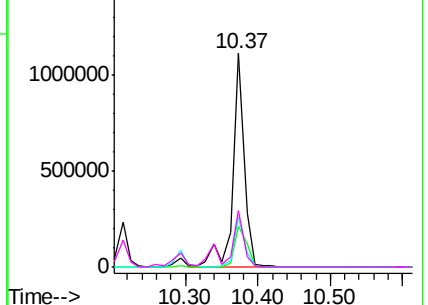


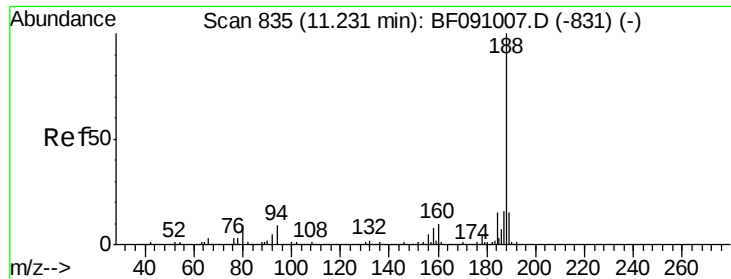
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

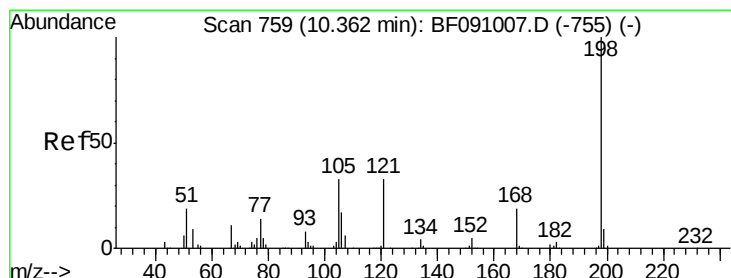
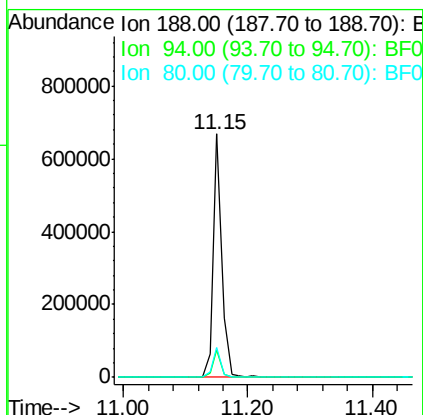
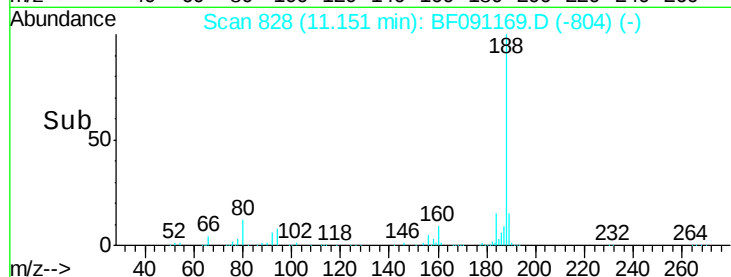
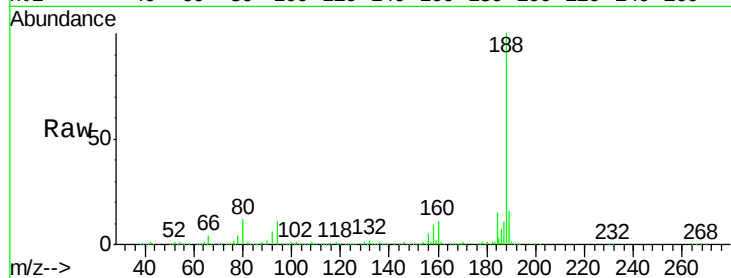




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

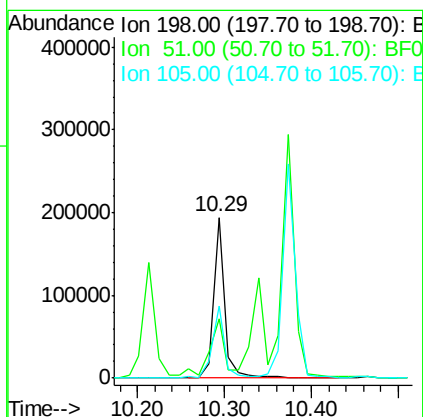
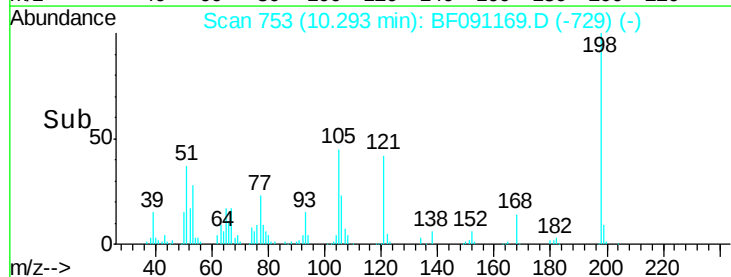
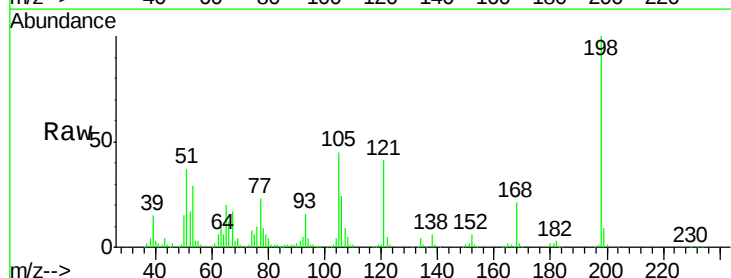
Instrument :
BNA_F
ClientSampleId :
PB94688BS

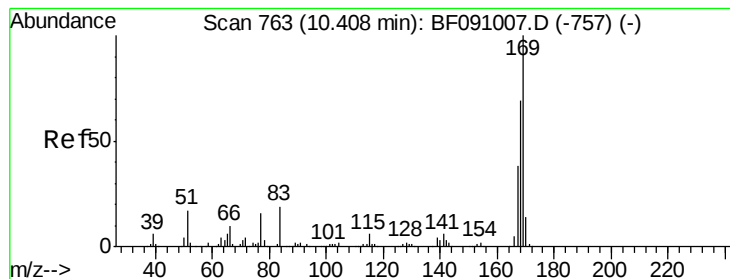
Tot Ion:188 Resp: 634837
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.4#
80 12.1 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.77 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:198 Resp: 177940
Ion Ratio Lower Upper
198 100
51 37.2 5.9 45.9
105 44.7 13.8 53.8





#65

n-Nitrosodiphenylamine

Concen: 42.68 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

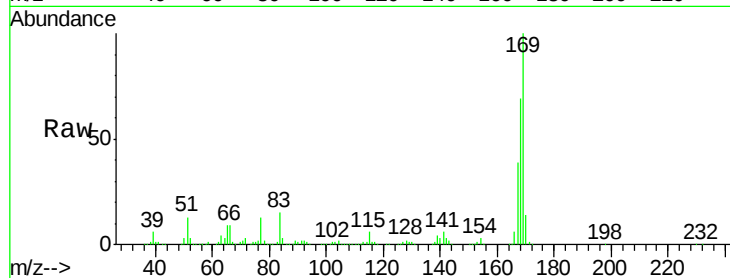
Tot Ion:169 Resp: 861108

Ion Ratio Lower Upper

169 100

168 69.1 55.3 82.9

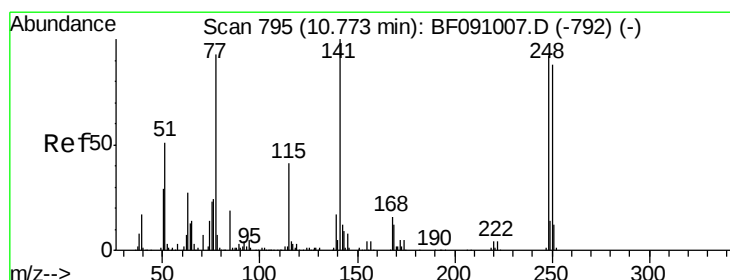
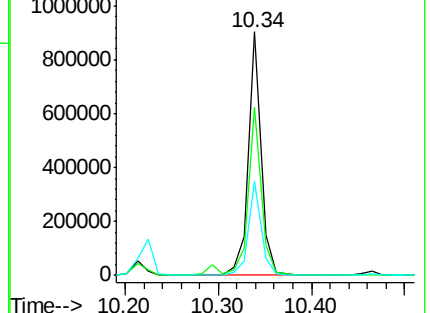
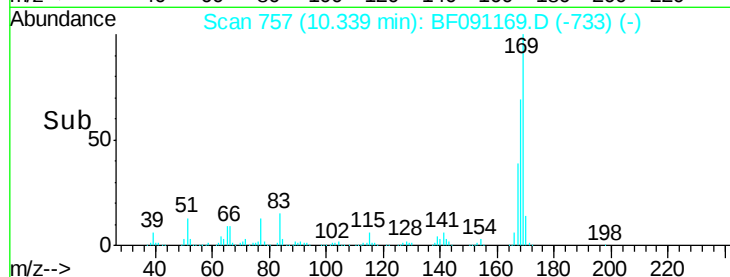
167 38.6 30.3 45.5



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: 47.59 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

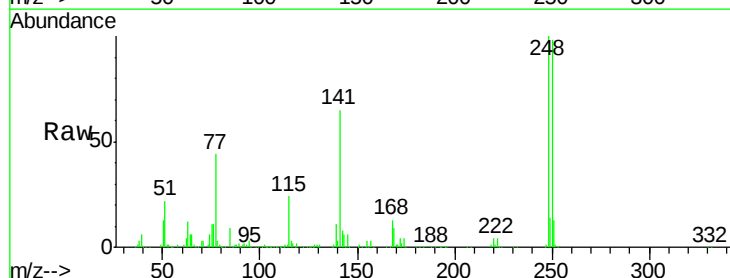
Tgt Ion:248 Resp: 314239

Ion Ratio Lower Upper

248 100

250 98.0 76.3 114.5

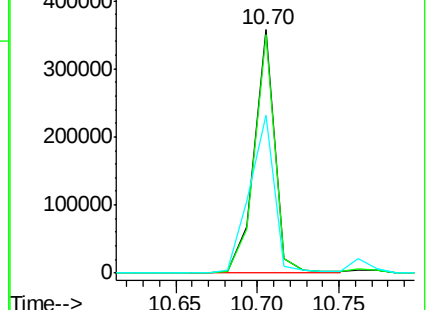
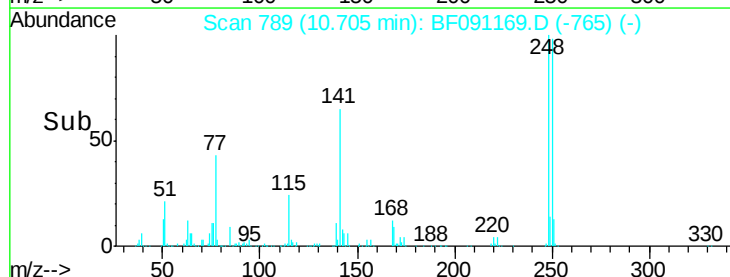
141 65.0 86.8 130.2#

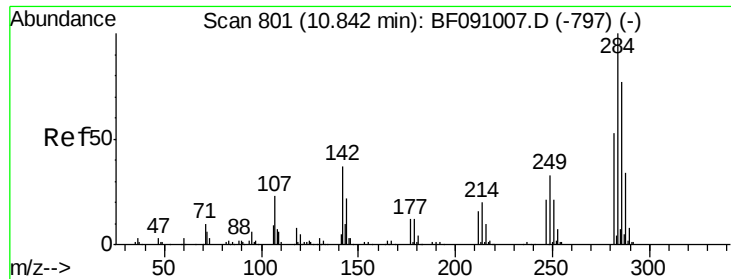


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.90 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

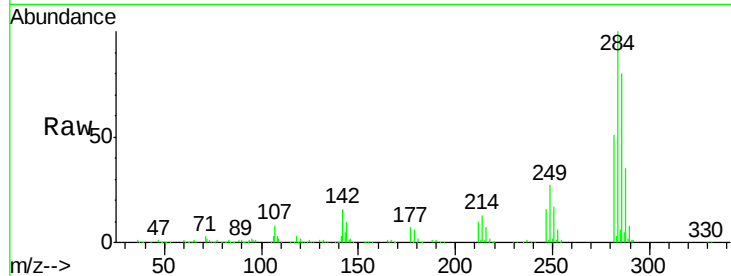
Tot Ion:284 Resp: 326989

Ion Ratio Lower Upper

284 100

142 16.5 29.9 44.9#

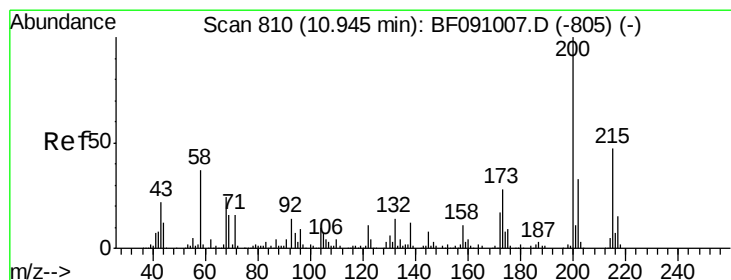
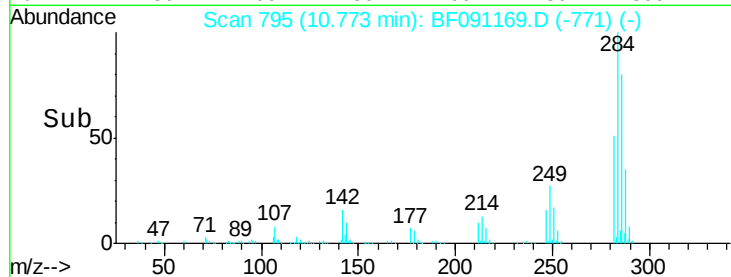
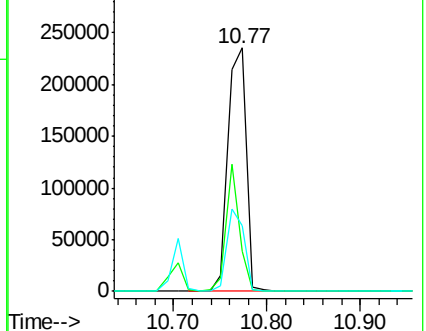
249 26.8 26.6 39.8



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: 53.29 ng

RT: 10.88 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

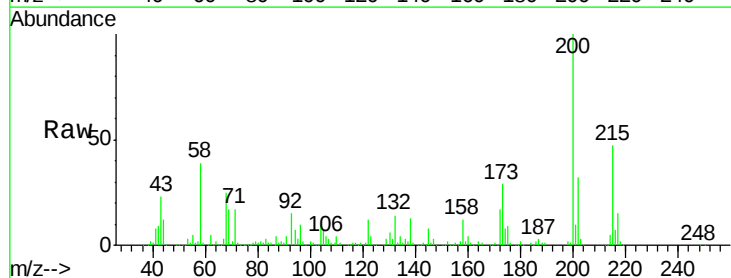
Tgt Ion:200 Resp: 310211

Ion Ratio Lower Upper

200 100

173 28.5 8.1 48.1

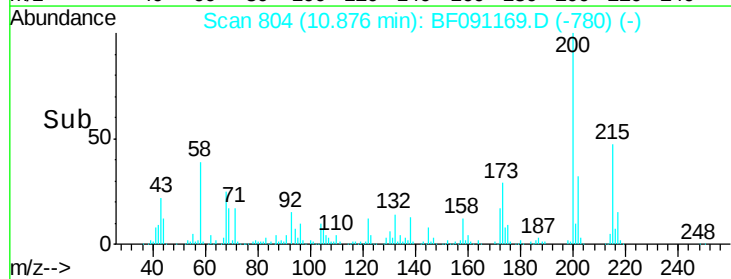
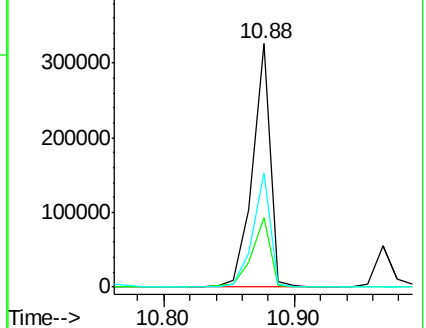
215 47.0 27.3 67.3

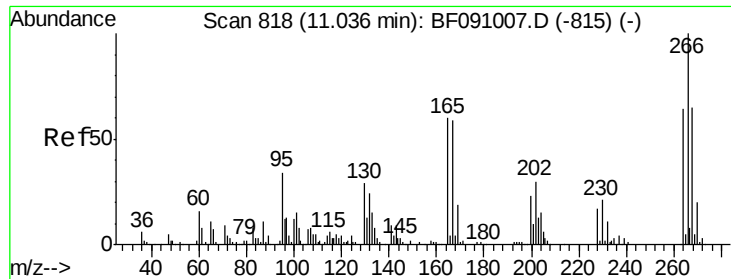


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

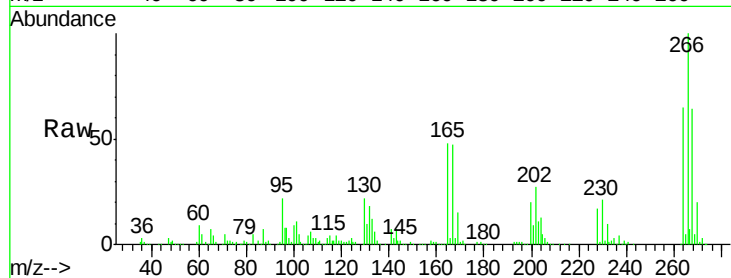




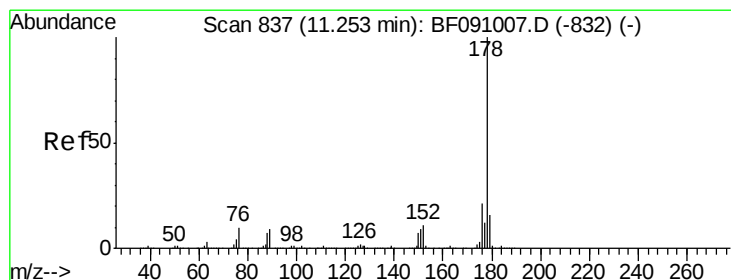
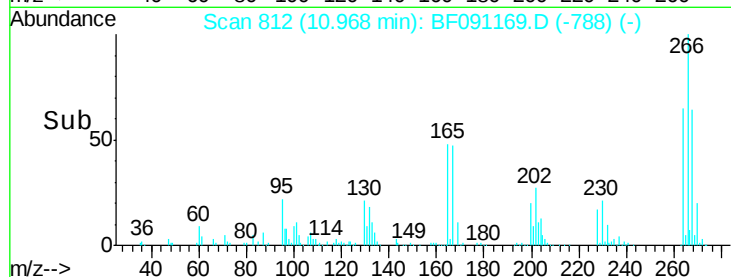
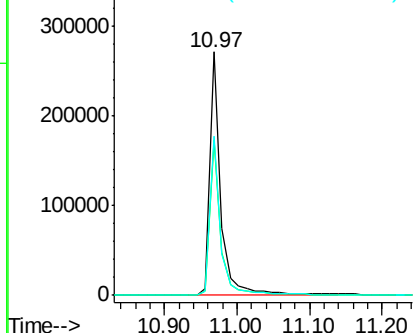
#69
 Pentachlorophenol
 Concen: 89.04 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion:266 Resp: 287214
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.1 78.1
 264 65.3 51.1 76.7

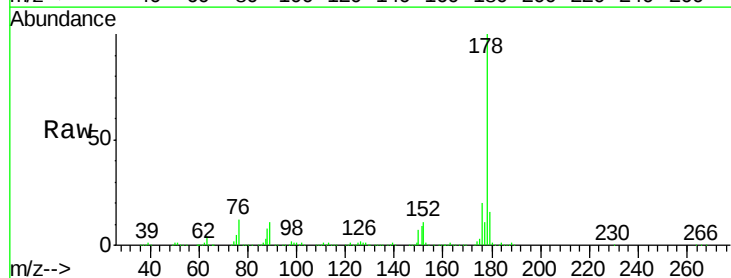


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

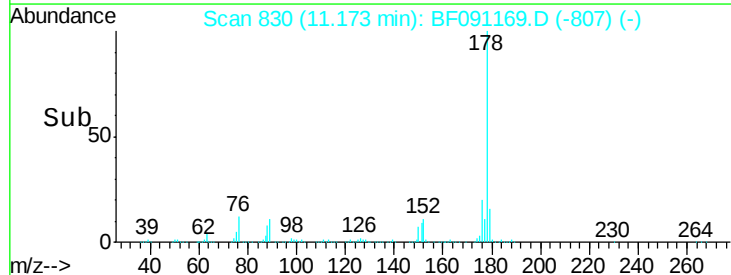
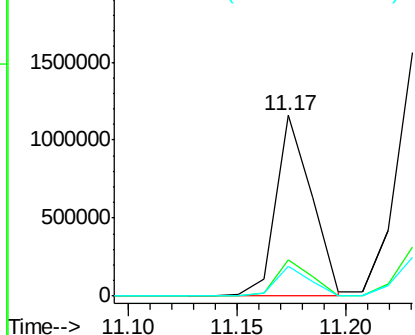


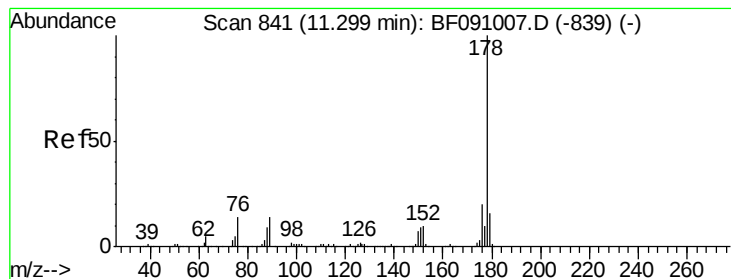
#70
 Phenanthrene
 Concen: 39.38 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:178 Resp: 1329059
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.3 12.9 19.3



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: 42.03 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

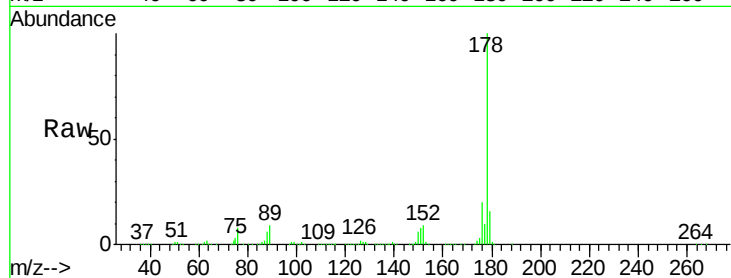
Tot Ion:178 Resp: 1508044

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

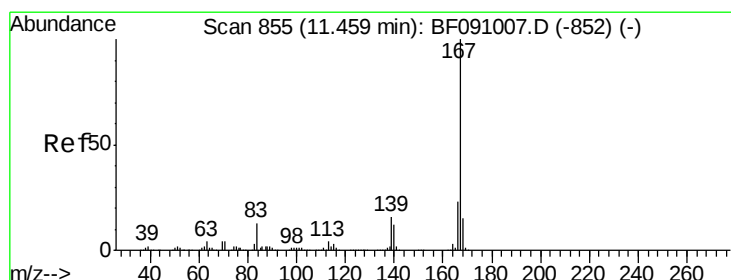
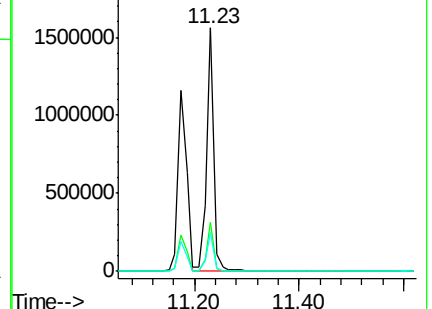
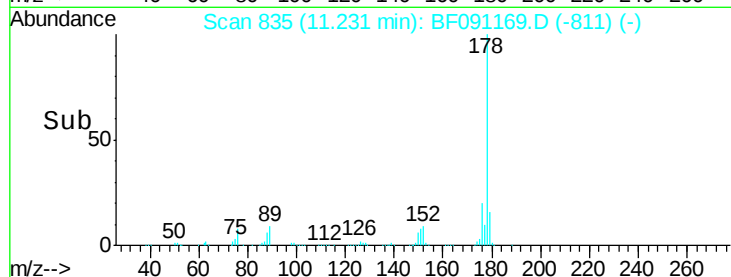
179 16.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.39 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

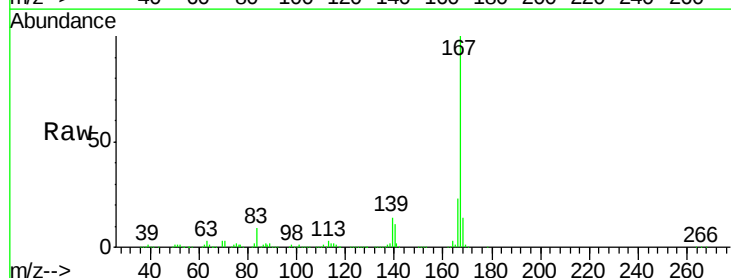
Tgt Ion:167 Resp: 1338375

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

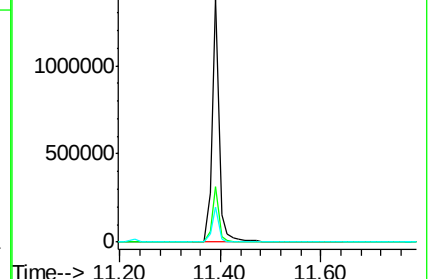
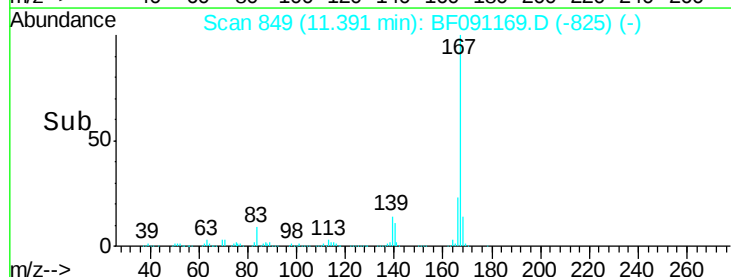
139 14.4 12.6 18.8

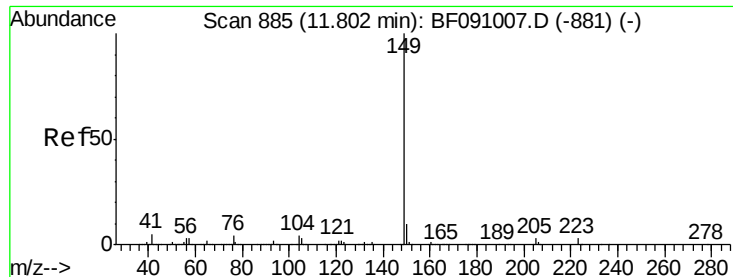


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.03 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

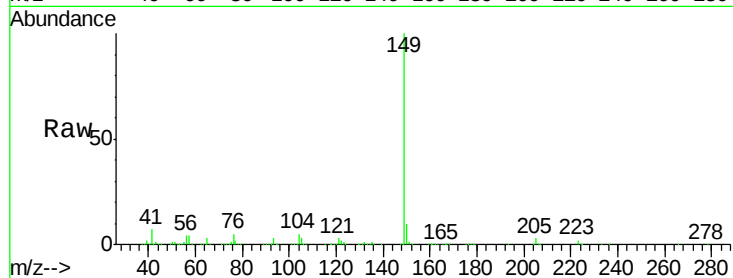
BNA_F

ClientSampleId :

PB94688BS

Tot Ion:149 Resp: 1546567

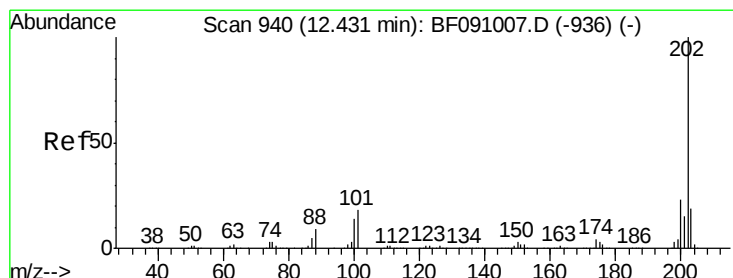
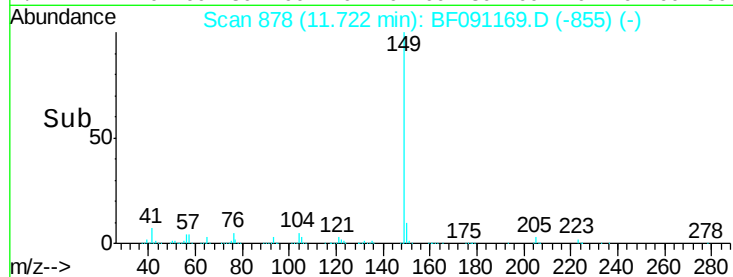
Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.3	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.82 ng

RT: 12.36 min Scan# 934

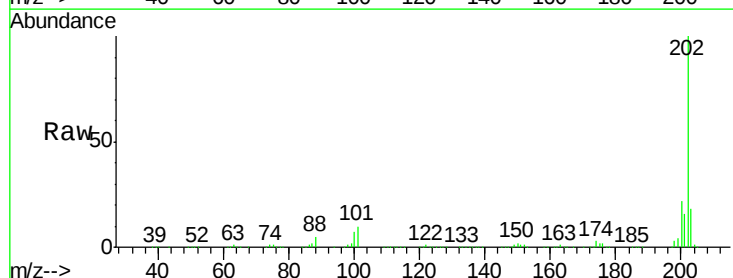
Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Tgt Ion:202 Resp: 1568770

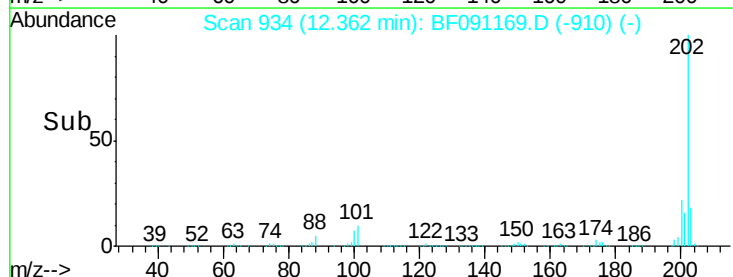
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	37.6
203	18.2	0.0	38.6

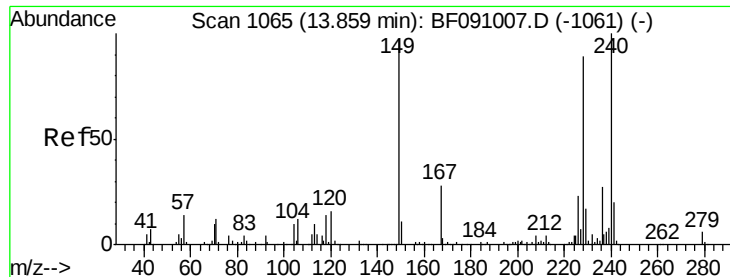


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

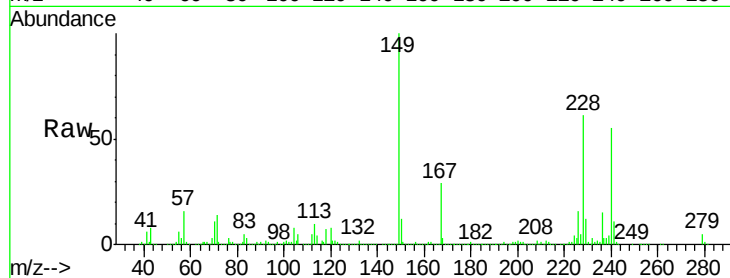
Tot Ion:240 Resp: 511558

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

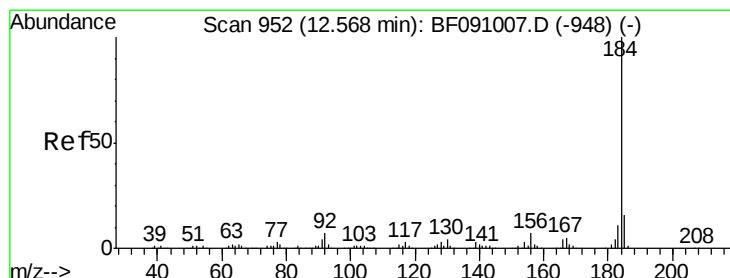
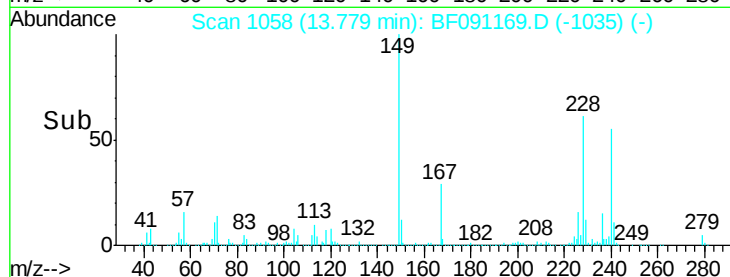
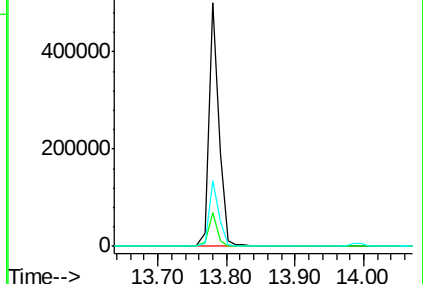
236 26.7 21.9 32.9



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: 45.51 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

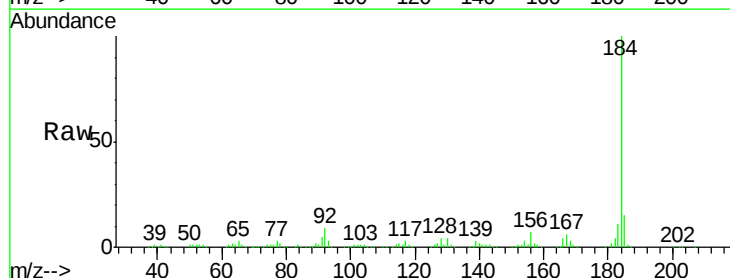
Tgt Ion:184 Resp: 520118

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.4

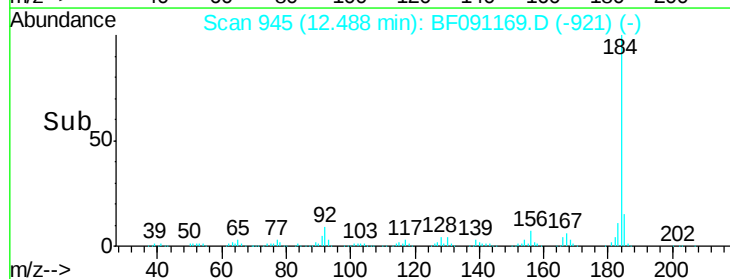
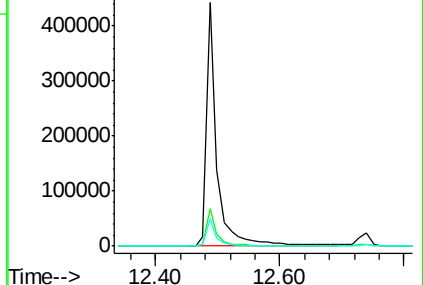
183 11.4 8.7 13.1



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

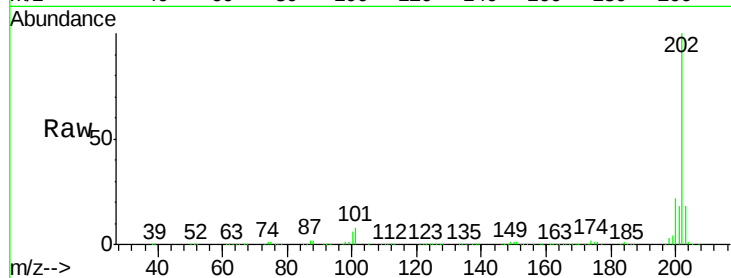




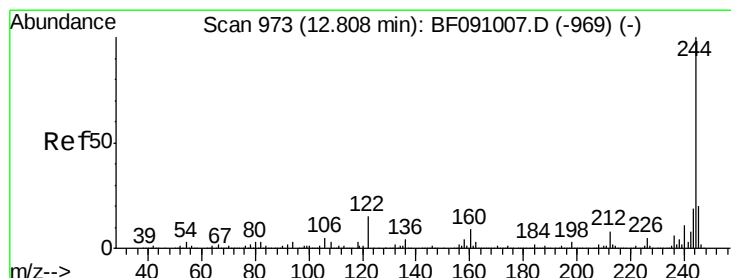
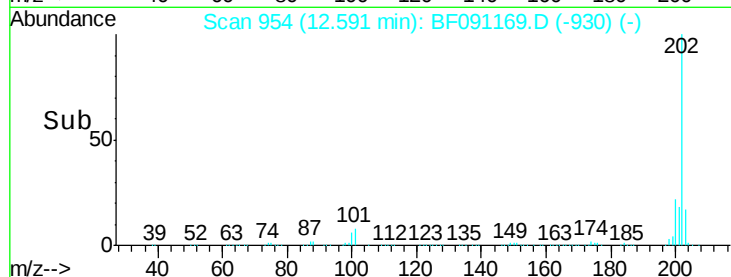
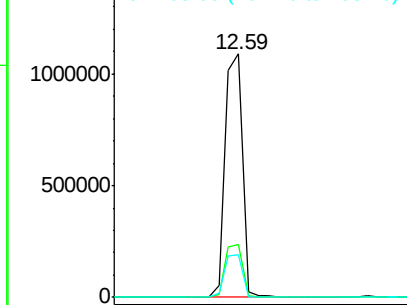
#77
Pvrene
Concen: 45.06 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Instrument :
BNA_F
ClientSampleId :
PB94688BS

Tot Ion:202 Resp: 1509538
Ion Ratio Lower Upper
202 100
200 21.8 18.4 27.6
203 17.6 15.0 22.6

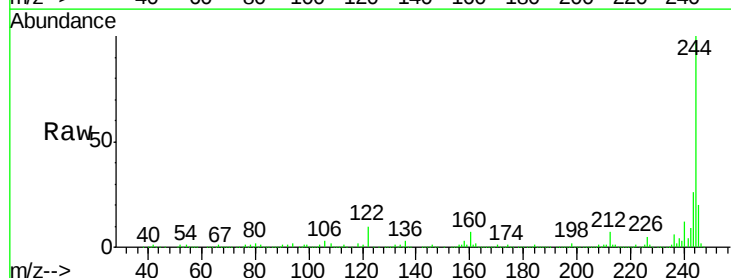


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

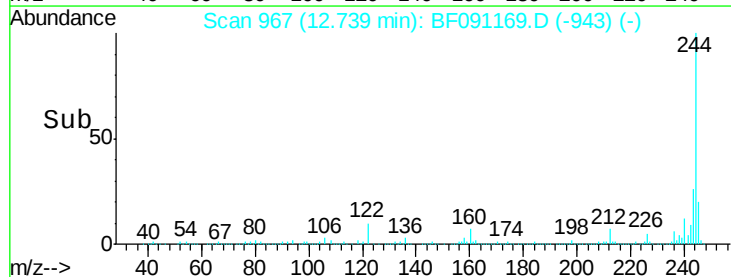
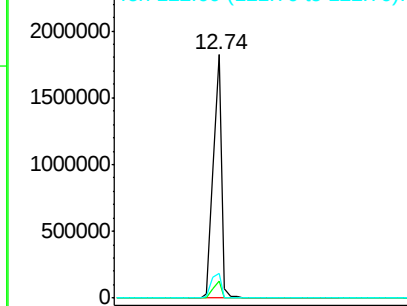


#78
Terphenyl-d14
Concen: 97.95 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:244 Resp: 2007909
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 9.9 12.3 18.5#



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

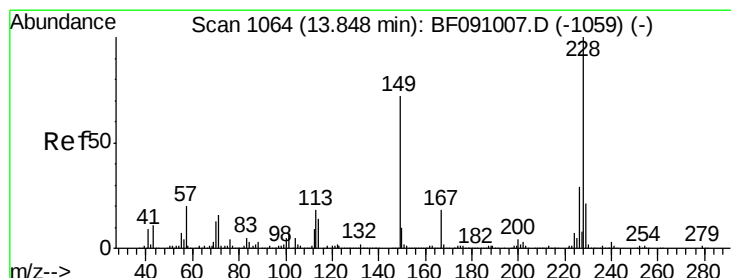
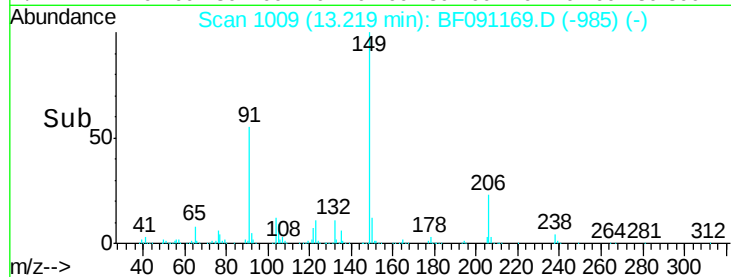
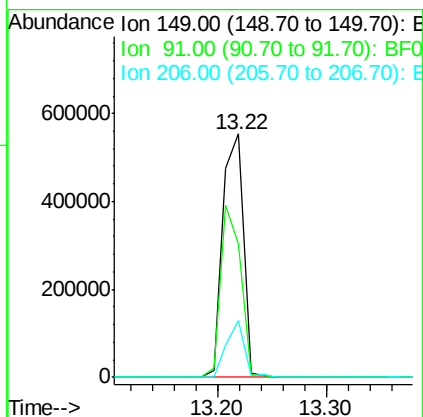
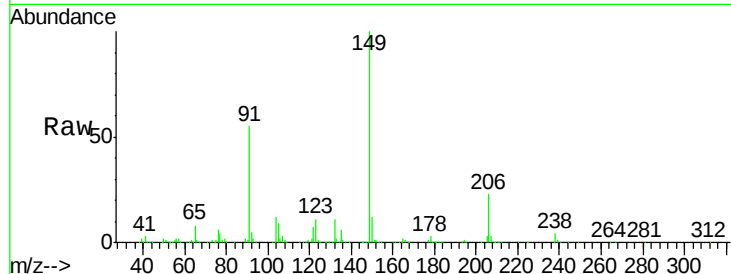




#79
 Butylbenzylphthalate
 Concen: 45.78 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

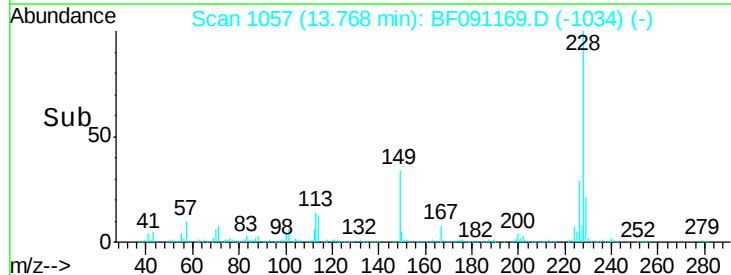
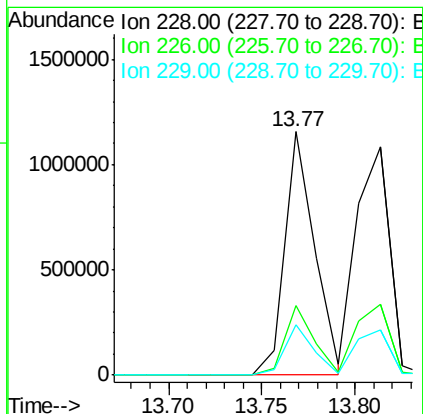
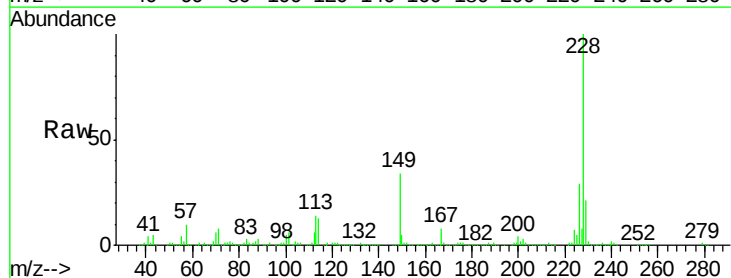
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion:	149	Resp:	733661
Ion	Ratio	Lower	Upper
149	100		
91	54.6	65.0	97.4#
206	23.5	12.5	18.7#



#80
 Benzo(a)anthracene
 Concen: 44.44 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:	228	Resp:	1290783
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.9	16.6	24.8

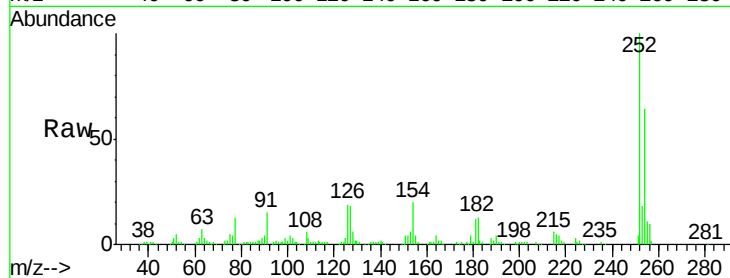




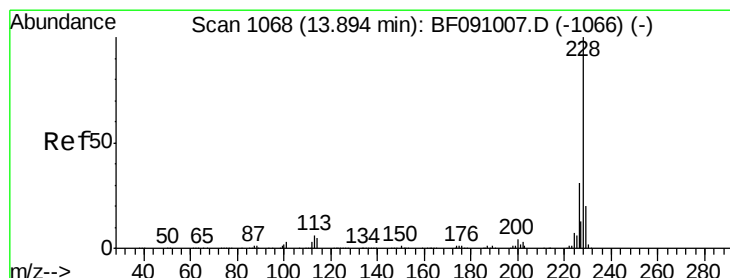
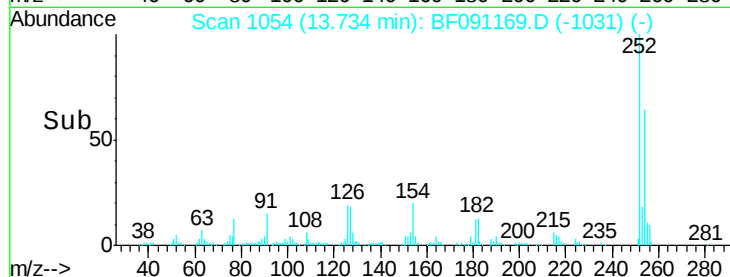
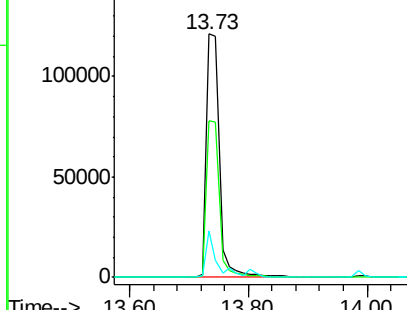
#81
 3,3'-Dichlorobenzidine
 Concen: 18.56 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tot Ion:252 Resp: 189375
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.0 78.0
 126 19.0 5.4 8.2#

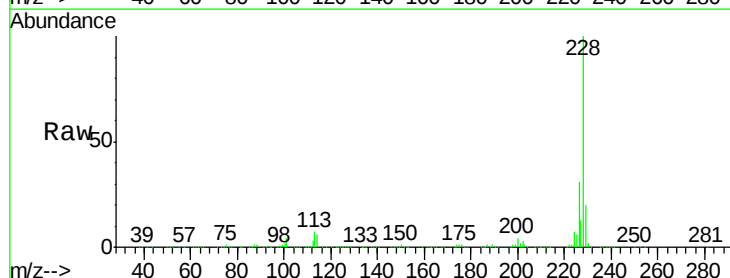


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

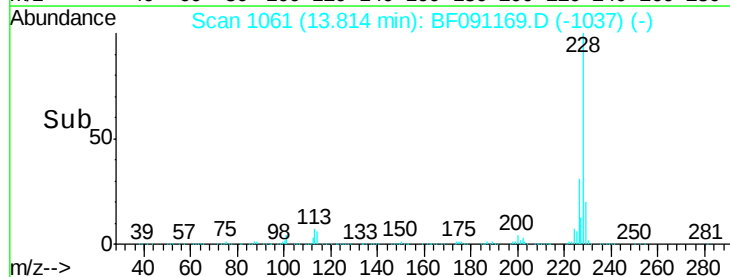
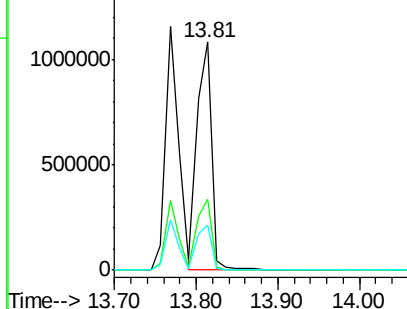


#82
 Chrysene
 Concen: 47.74 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:228 Resp: 1367367
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.0 15.9 23.9



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

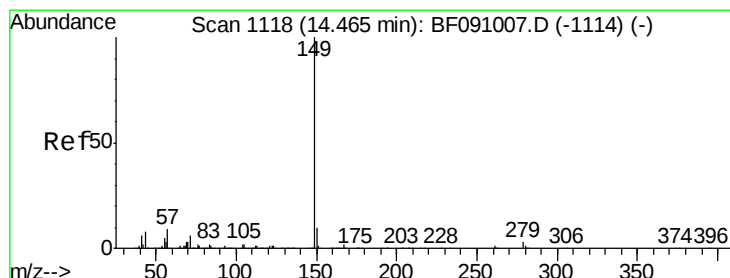
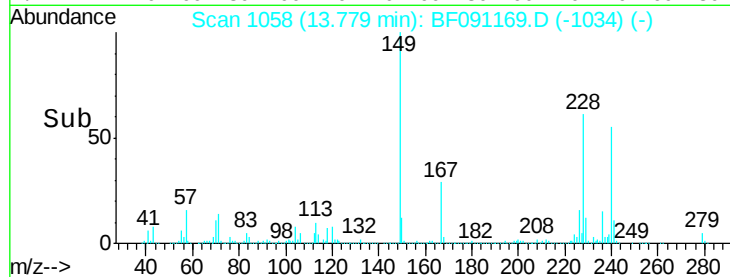
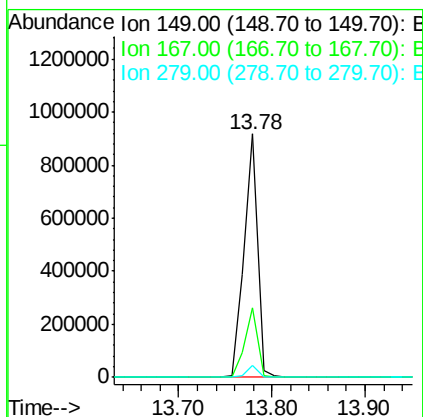
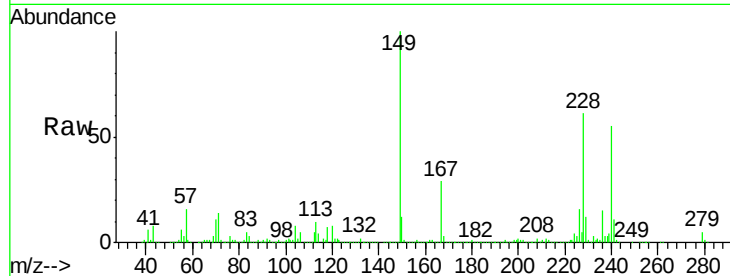




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.83 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

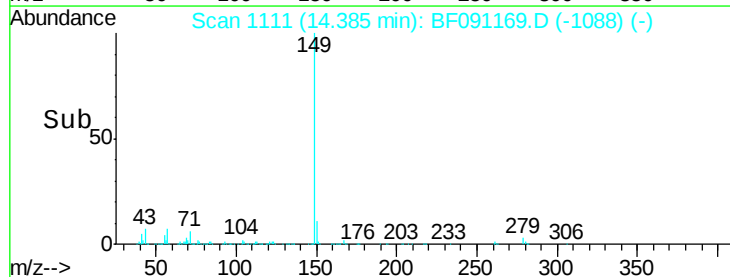
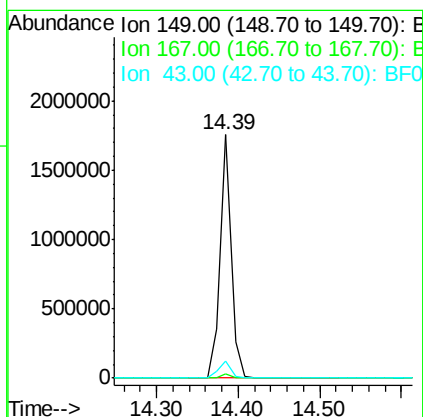
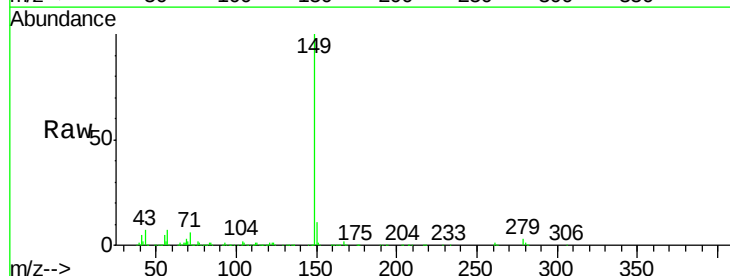
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

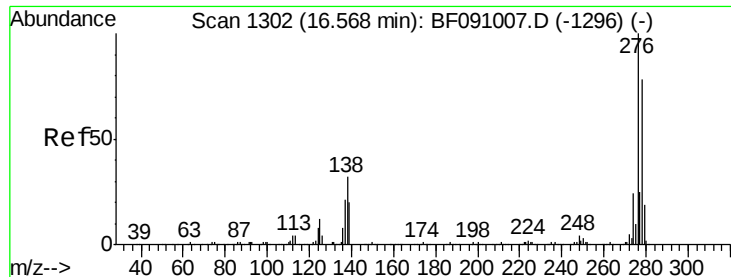
Tot Ion:149 Resp: 928801
 Ion Ratio Lower Upper
 149 100
 167 28.8 20.4 30.6
 279 4.8 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 46.33 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:149 Resp: 1651854
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 7.7 8.2 12.4#

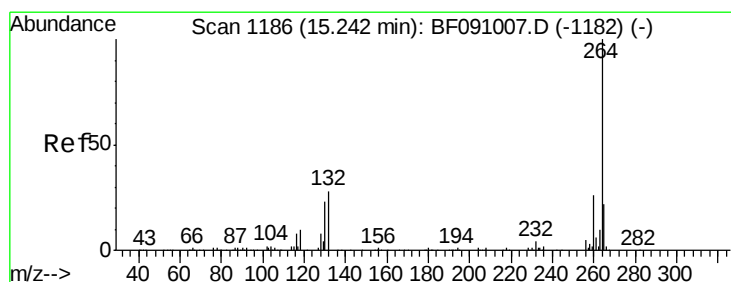
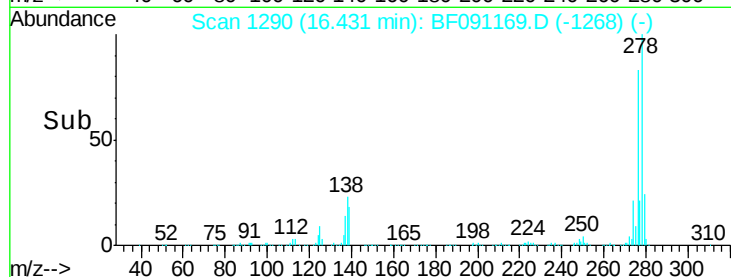
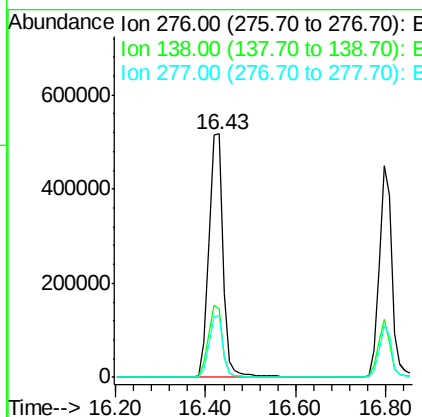
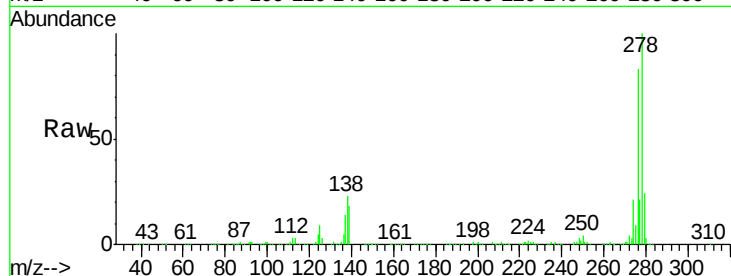




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.43 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

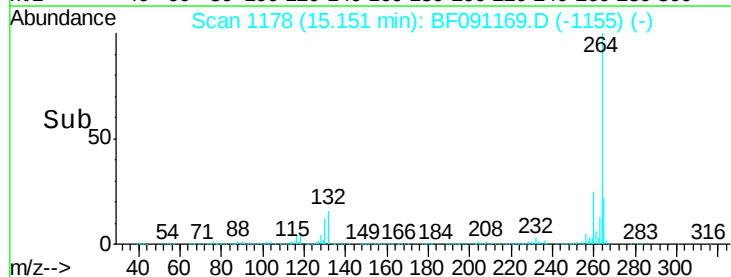
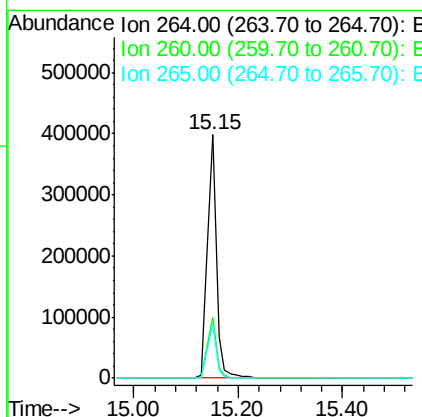
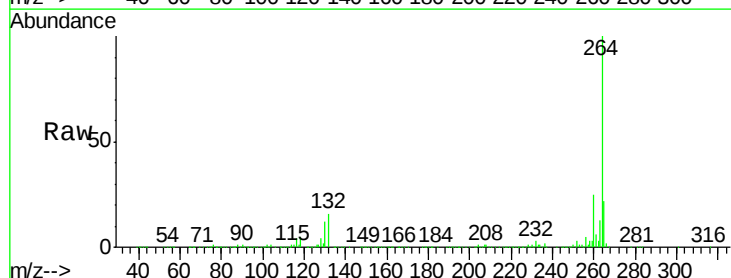
Instrument :
BNA_F
ClientSampleId :
PB94688BS

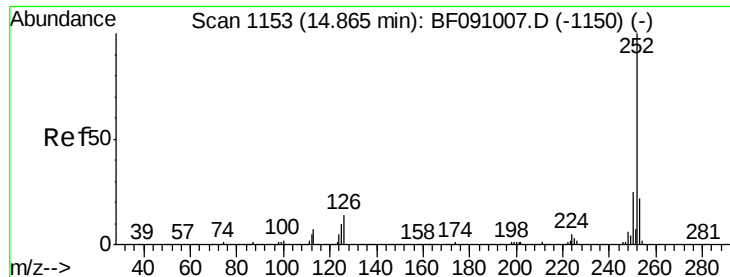
Tot Ion:276 Resp: 1150885
Ion Ratio Lower Upper
276 100
138 29.5 26.0 39.0
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:264 Resp: 476119
Ion Ratio Lower Upper
264 100
260 25.1 20.6 30.8
265 22.2 17.8 26.8

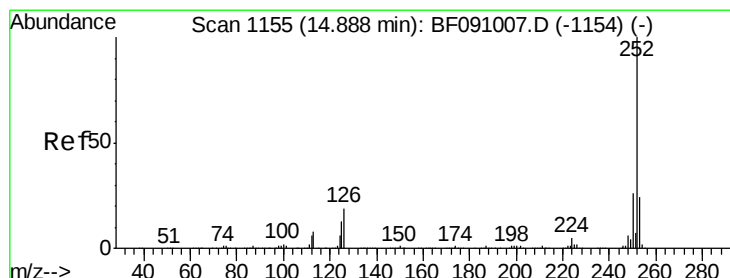
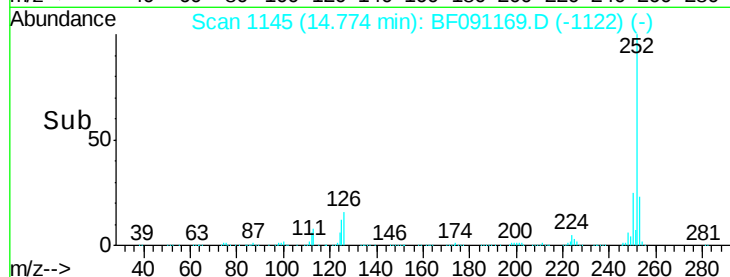
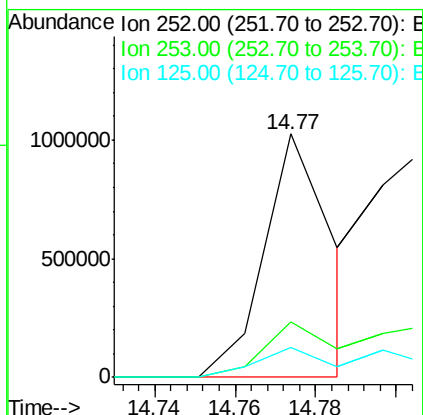
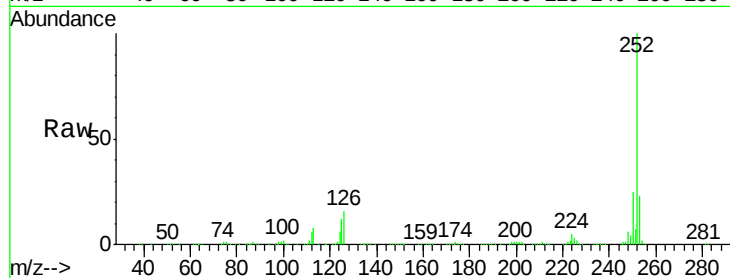




#87
Benzo(b)fluoranthene
Concen: 37.43 ng m
RT: 14.77 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

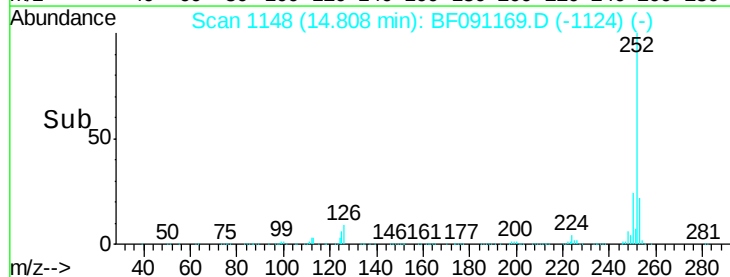
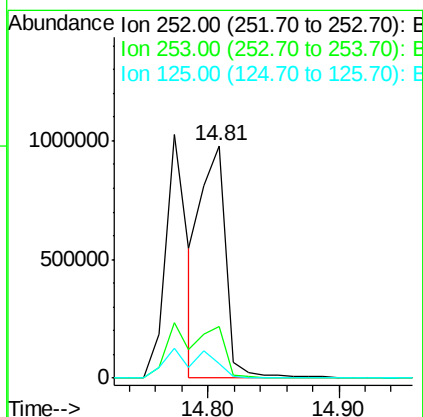
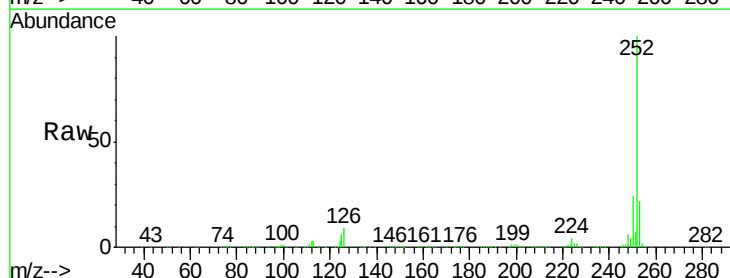
Instrument :
BNA_F
ClientSampleId :
PB94688BS

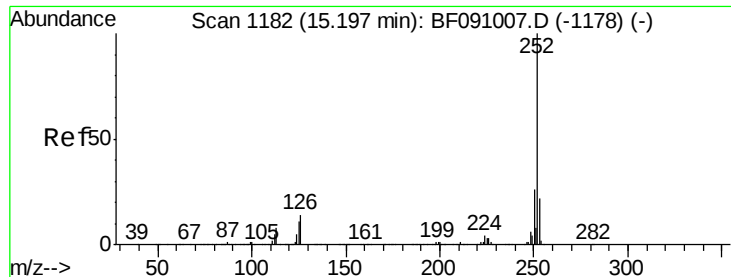
Tot Ion:252 Resp: 1208853
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 12.0 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 46.71 ng m
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:252 Resp: 1323021
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 6.2 11.2 16.8#

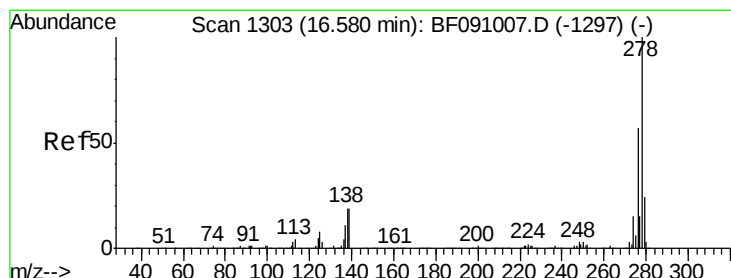
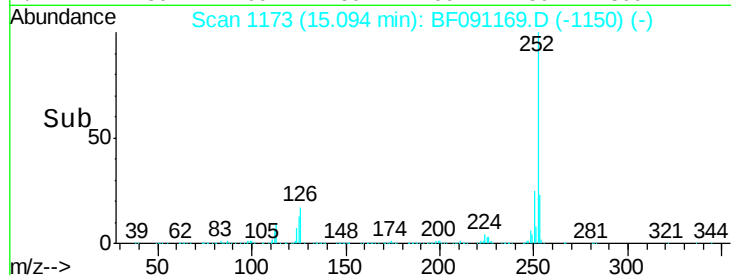
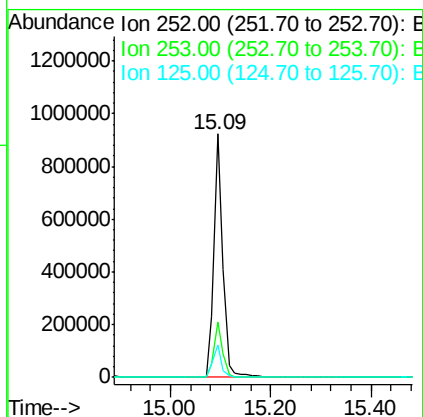
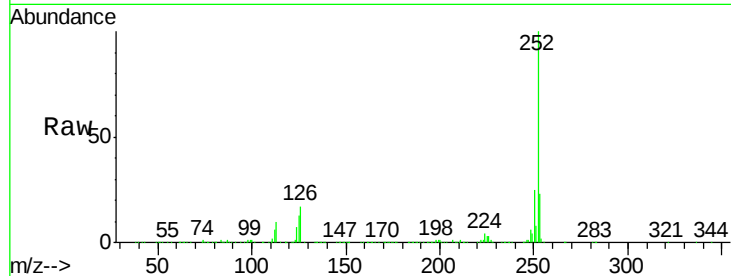




#89
Benzo(a)pyrene
Concen: 40.44 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

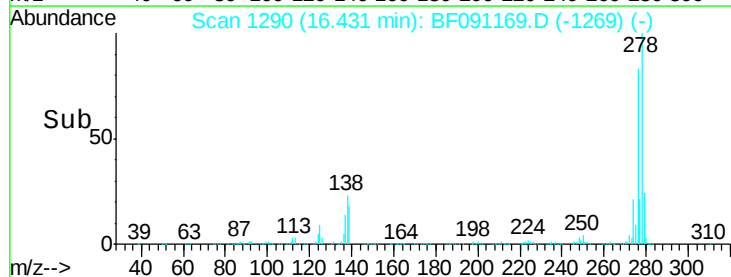
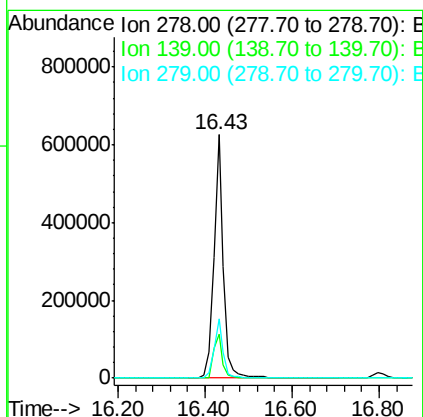
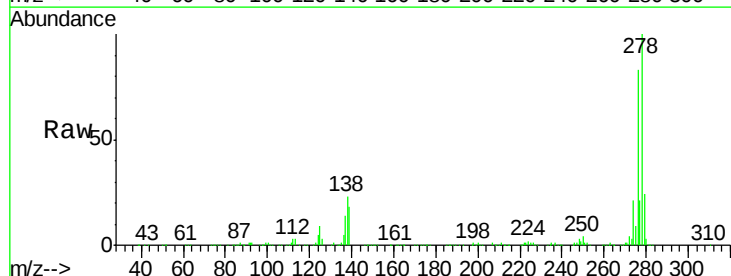
Instrument :
BNA_F
ClientSampleId :
PB94688BS

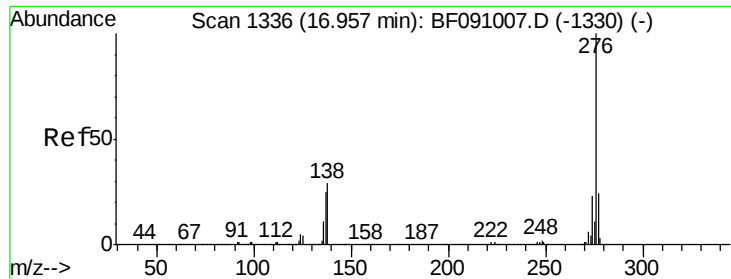
Tot Ion:252 Resp: 1136902
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 13.1 8.6 13.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.42 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:278 Resp: 982370
Ion Ratio Lower Upper
278 100
139 18.0 15.3 22.9
279 24.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 40.65 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

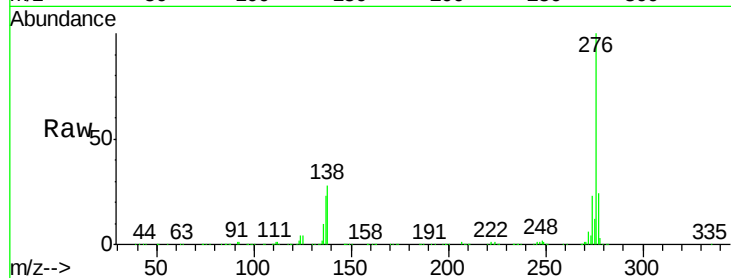
Tot Ion: 276 Resp: 893296

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 27.5 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

