

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091232.D
 Acq On : 18 Nov 2016 13:40
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 18 21:57:48 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	6.76	152	550482	20.00	ng	0.10
21) Naphthalene-d8	7.90	136	686889	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	396320	20.00	ng	-0.05
63) Phenanthrene-d10	11.13	188	694920	20.00	ng	-0.05
75) Chrysene-d12	13.77	240	613770	20.00	ng	-0.05
86) Perylene-d12	15.13	264	517900	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	806731	24.20	ng	-0.06
7) Phenol-d6	6.27	99	939912	20.78	ng	-0.05
23) Nitrobenzene-d5	7.18	82	857243	68.08	ng	-0.06
41) 2,4,6-Tribromophenol	10.44	330	340291	94.97	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1630321	70.82	ng	-0.06
78) Terphenyl-d14	12.72	244	1958744	79.64	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	173238	9.09	ng	# 87
3) Pyridine	2.68	79	697710	15.64	ng	96
4) n-Nitrosodimethylamine	2.65	42	234376	13.28	ng	88
6) Aniline	6.35	93	449151	8.42	ng	# 44
8) 2-Chlorophenol	6.40	128	474074	11.92	ng	86
10) Phenol	6.28	94	512288	10.23	ng	# 79
11) bis(2-Chloroethyl)ether	6.35	93	449151	10.65	ng	89
12) 1,3-Dichlorobenzene	6.62	146	529341	13.16	ng	99
13) 1,4-Dichlorobenzene	6.78	146	465043	10.78	ng	99
14) 1,2-Dichlorobenzene	6.78	146	465043	11.74	ng	94
15) Benzyl Alcohol	6.77	79	350915	11.00	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	427563	7.08	ng	# 1
17) 2-Methylphenol	6.90	107	371901	11.82	ng	98
18) Hexachloroethane	7.12	117	176152	10.55	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	114630	3.66	ng	# 74
20) 3+4-Methylphenols	7.06	107	474284	12.55	ng	94
22) Acetophenone	7.04	105	601362	38.02	ng	# 91
24) Nitrobenzene	7.21	77	500906	36.02	ng	96
25) Isophorone	7.45	82	859161	35.41	ng	98
26) 2-Nitrophenol	7.53	139	270774	46.01	ng	# 61
27) 2,4-Dimethylphenol	7.58	122	399079	41.00	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	506423	38.21	ng	100
29) 2,4-Dichlorophenol	7.78	162	382560	45.04	ng	90
30) 1,2,4-Trichlorobenzene	7.85	180	454955	47.64	ng	98
31) Naphthalene	7.92	128	1339461	40.78	ng	99
32) Benzoic acid	7.76	122	272206	37.13	ng	92
33) 4-Chloroaniline	7.98	127	593469	43.44	ng	99
34) Hexachlorobutadiene	8.04	225	263808	51.18	ng	98
35) Caprolactam	8.37	113	113469	42.52	ng	# 65
36) 4-Chloro-3-methylphenol	8.49	107	438865	42.68	ng	99
37) 2-Methylnaphthalene	8.61	142	886437	41.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	475321	47.04	ng	# 97
40) Hexachlorocyclopentadiene	8.76	237	162552	44.78	ng	97
42) 2,4,6-Trichlorophenol	8.90	196	276546	42.40	ng	99

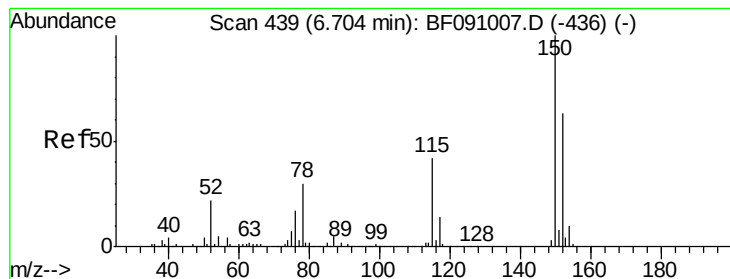
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.94	196	293352	42.83	ng	# 90
45) 1,1'-Biphenyl	9.08	154	1193821	41.25	ng	96
46) 2-Chloronaphthalene	9.10	162	922094	41.97	ng	95
47) 2-Nitroaniline	9.21	65	242335	29.72	ng	94
48) Acenaphthylene	9.52	152	1372645	40.09	ng	100
49) Dimethylphthalate	9.39	163	1028539	39.58	ng	100
50) 2,6-Dinitrotoluene	9.46	165	258682	46.45	ng	# 52
51) Acenaphthene	9.69	154	886430	41.24	ng	100
52) 3-Nitroaniline	9.63	138	281979	42.70	ng	# 70
53) 2,4-Dinitrophenol	9.74	184	114723	41.12	ng	# 83
54) Dibenzofuran	9.86	168	1197027	41.37	ng	93
55) 4-Nitrophenol	9.81	139	134892	34.20	ng	# 66
56) 2,4-Dinitrotoluene	9.86	165	271385	38.30	ng	89
57) Fluorene	10.20	166	1004111	42.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	258376	48.16	ng	# 87
59) Diethylphthalate	10.09	149	989005	37.12	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	435846	40.49	ng	# 87
61) 4-Nitroaniline	10.25	138	263026	39.37	ng	84
62) Azobenzene	10.35	77	892929	28.47	ng	92
64) 4,6-Dinitro-2-methylphenol	10.27	198	186571	43.84	ng	77
65) n-Nitrosodiphenylamine	10.32	169	788457	35.70	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	337261	46.66	ng	# 73
67) Hexachlorobenzene	10.74	284	353645	44.36	ng	# 86
68) Atrazine	10.85	200	251927	39.54	ng	100
69) Pentachlorophenol	10.94	266	132155	37.43	ng	98
70) Phenanthrene	11.15	178	1433472	38.80	ng	100
71) Anthracene	11.21	178	1653250	42.10	ng	99
72) Carbazole	11.37	167	1417310	40.04	ng	99
73) Di-n-butylphthalate	11.70	149	1720787	38.66	ng	# 98
74) Fluoranthene	12.34	202	1666274	43.49	ng	92
76) Benzidine	12.47	184	433140	31.59	ng	98
77) Pyrene	12.57	202	1687767	41.99	ng	98
79) Butylbenzylphthalate	13.20	149	800676	41.64	ng	# 77
80) Benzo(a)anthracene	13.75	228	1358918	39.00	ng	100
81) 3,3'-Dichlorobenzidine	13.72	252	552330	45.11	ng	# 99
82) Chrysene	13.79	228	1505139	43.80	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	951612	36.57	ng	# 95
84) Di-n-octyl phthalate	14.36	149	1640320	38.34	ng	97
85) Indeno(1,2,3-cd)pyrene	16.40	276	1132936	39.74	ng	97
87) Benzo(b)fluoranthene	14.79	252	2700545	76.88	ng	98
88) Benzo(k)fluoranthene	14.79	252	2701268	87.67	ng	# 95
89) Benzo(a)pyrene	15.07	252	1157495	37.85	ng	# 96
90) Dibenzo(a,h)anthracene	16.40	278	967070	36.58	ng	99
91) Benzo(g,h,i)perylene	16.76	276	858596	35.92	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 444

Delta R.T. 0.10 min

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SSTDCCC040

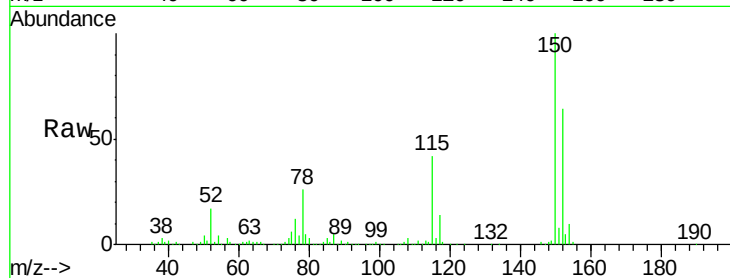
Tgt Ion: 152 Resp: 550482

Ion Ratio Lower Upper

152 100

150 155.9 126.8 190.2

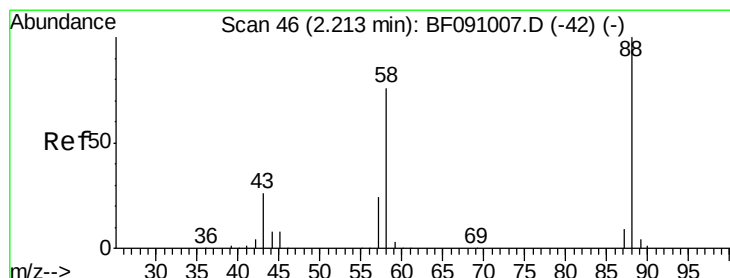
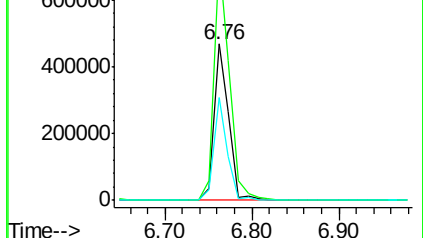
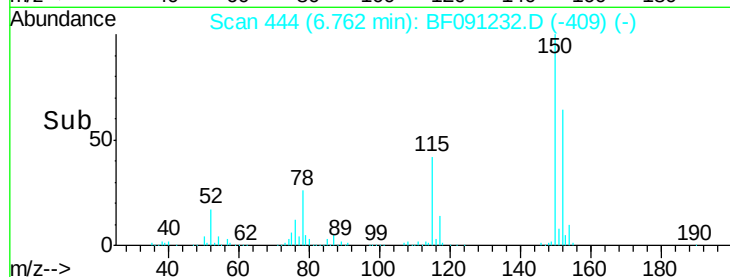
115 66.1 53.3 79.9



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: 9.09 ng

RT: 2.04 min Scan# 31

Delta R.T. -0.10 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

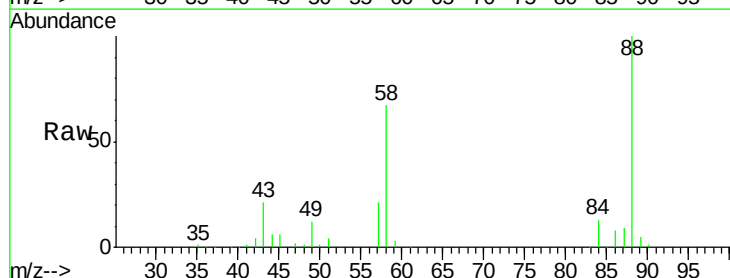
Tgt Ion: 88 Resp: 173238

Ion Ratio Lower Upper

88 100

58 68.2 63.8 95.6

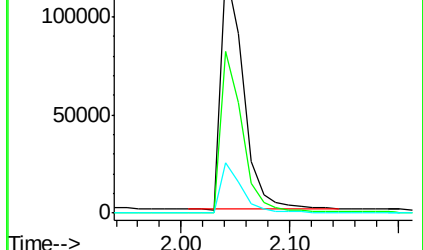
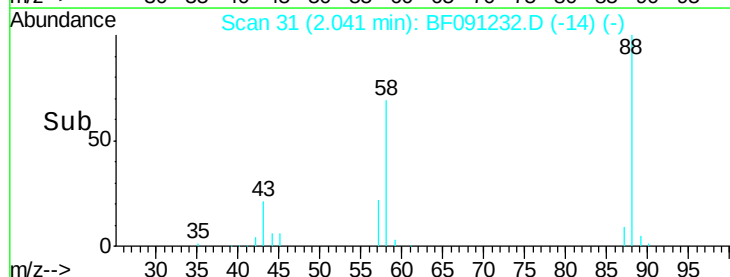
43 20.5 22.6 33.8#

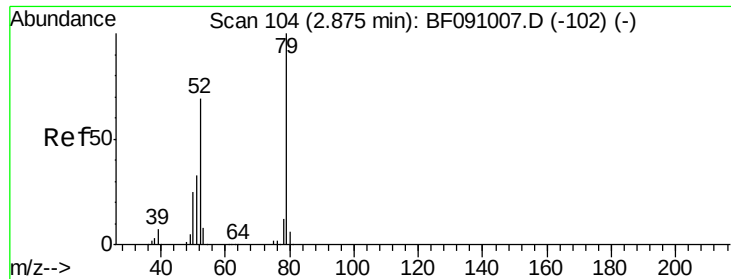


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

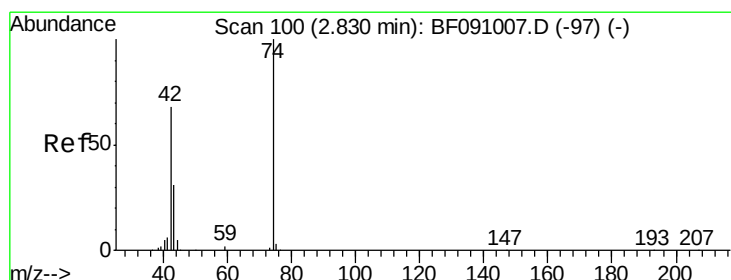
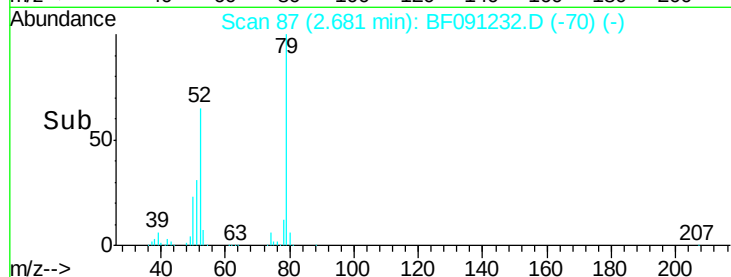
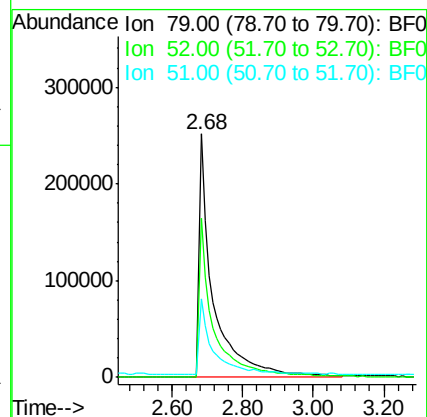
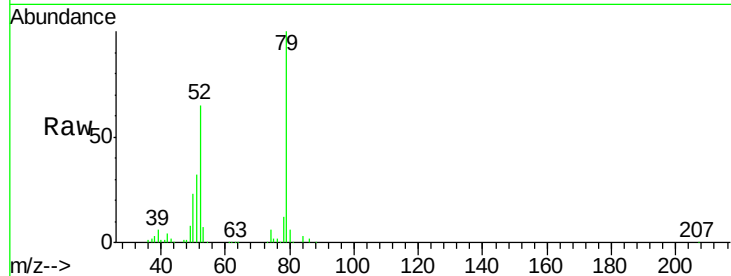




#3
 Pyridine
 Concen: 15.64 ng
 RT: 2.68 min Scan# 87
 Delta R.T. -0.10 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

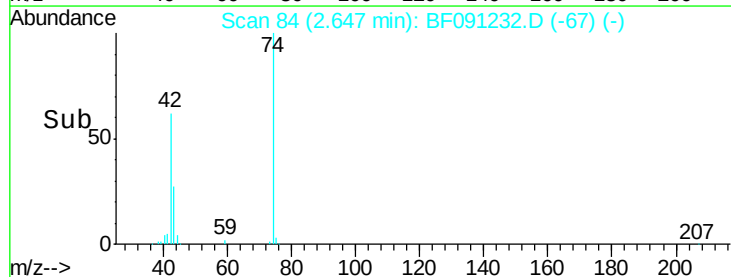
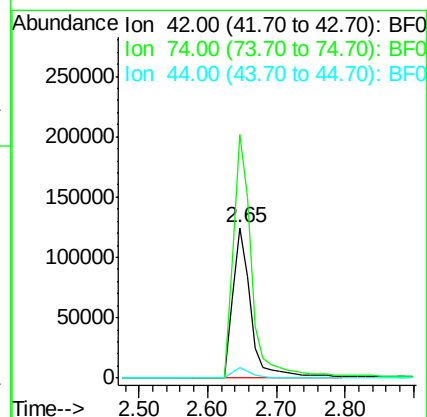
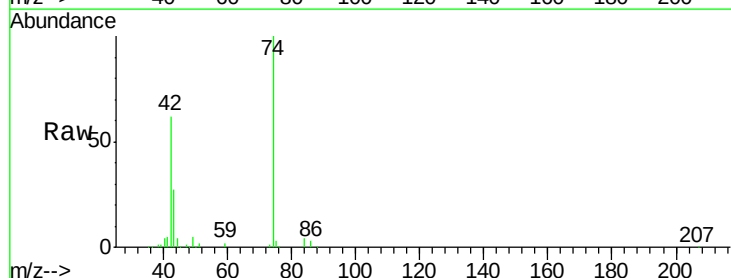
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

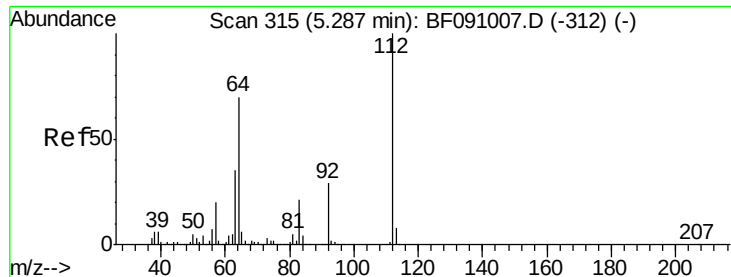
Tgt Ion: 79 Resp: 697710
 Ion Ratio Lower Upper
 79 100
 52 65.4 55.4 83.0
 51 32.2 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 13.28 ng
 RT: 2.65 min Scan# 84
 Delta R.T. -0.10 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion: 42 Resp: 234376
 Ion Ratio Lower Upper
 42 100
 74 161.8 117.3 175.9
 44 6.9 5.8 8.8





#5

2-Fluorophenol

Concen: 24.20 ng

RT: 5.18 min Scan# 306

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

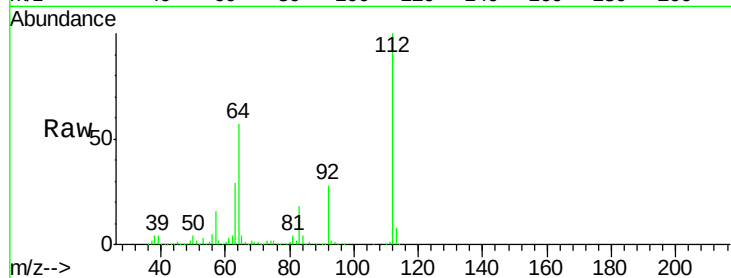
Tgt Ion: 112 Resp: 806731

Ion Ratio Lower Upper

112 100

64 56.6 55.8 83.6

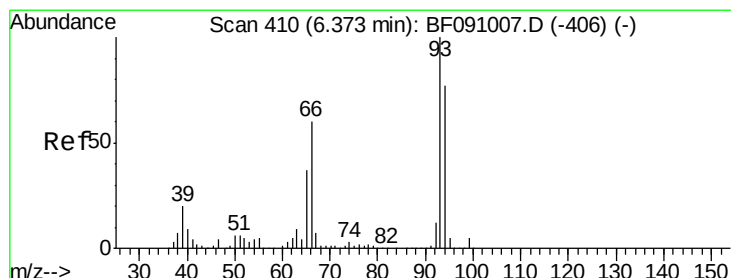
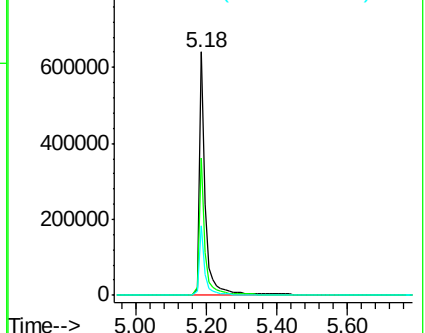
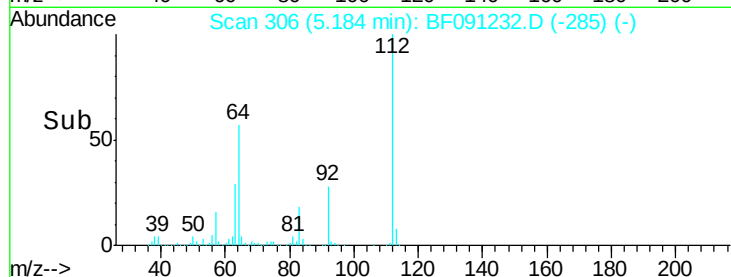
63 28.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.42 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.02 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

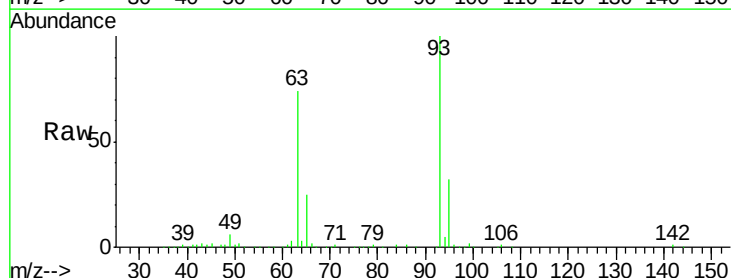
Tgt Ion: 93 Resp: 449151

Ion Ratio Lower Upper

93 100

66 1.6 48.2 72.2#

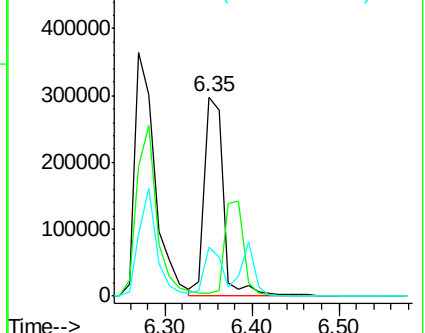
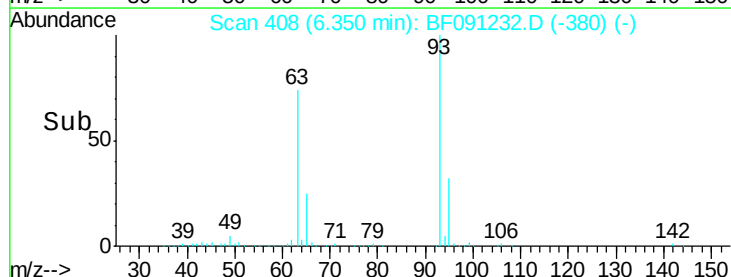
65 24.7 29.4 44.0#

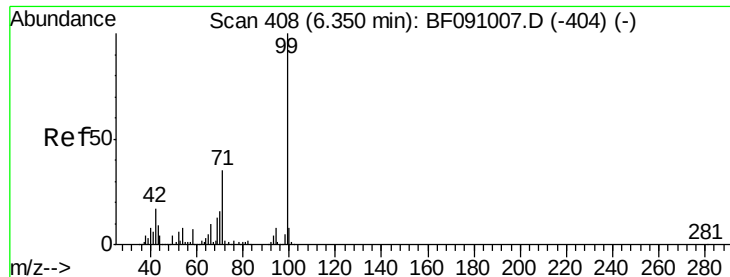


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 20.78 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

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ClientSampleId :

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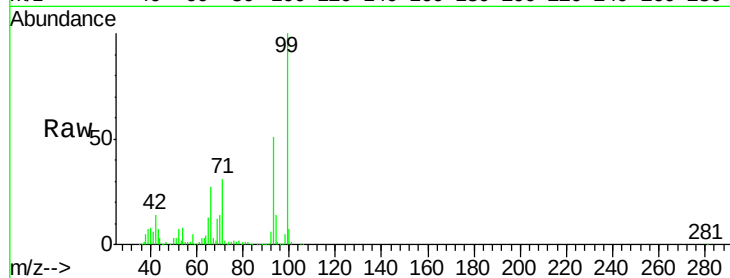
Tgt Ion: 99 Resp: 939912

Ion Ratio Lower Upper

99 100

42 14.1 13.9 20.9

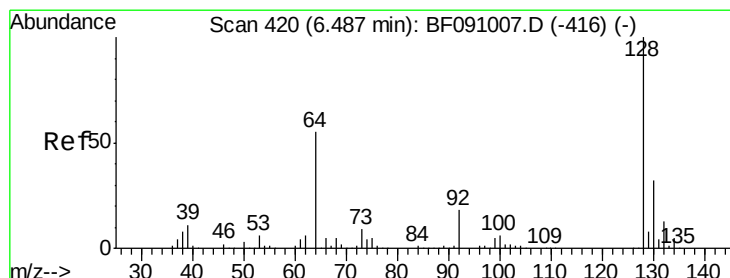
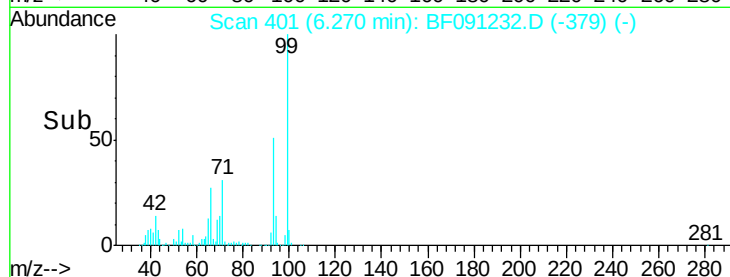
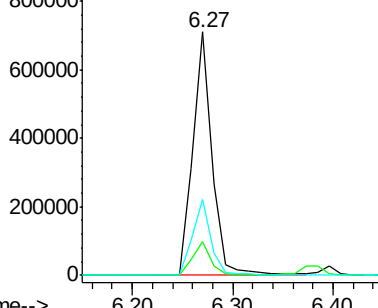
71 31.4 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 11.92 ng

RT: 6.40 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

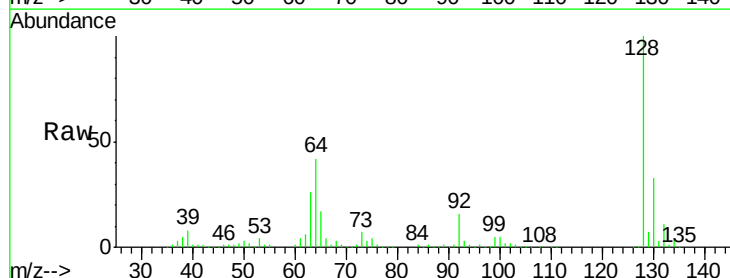
Tgt Ion: 128 Resp: 474074

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

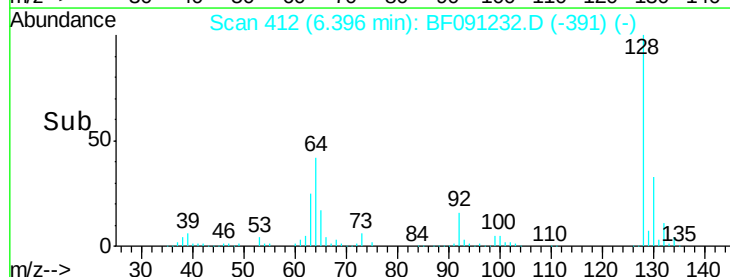
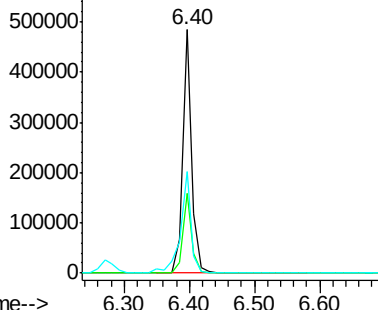
64 41.9 37.2 77.2

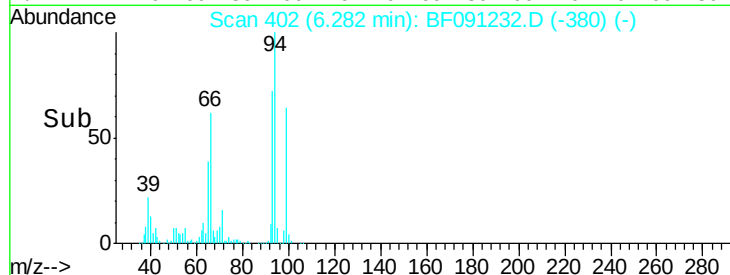
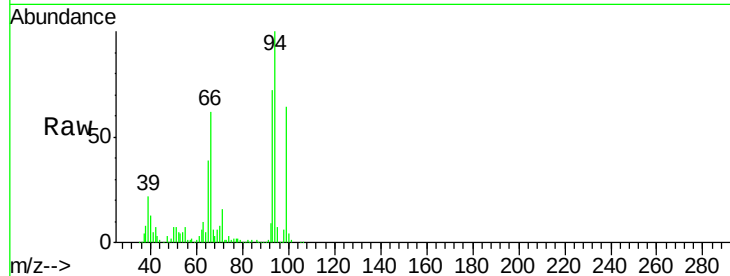
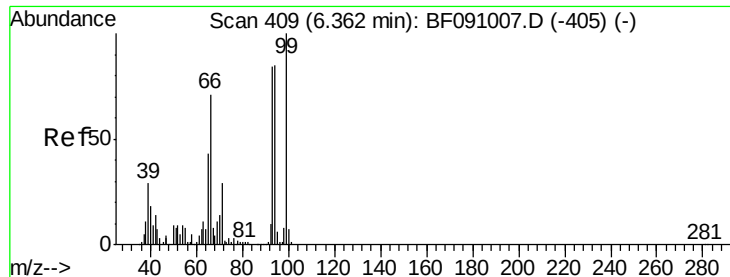


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 10.23 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

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ClientSampleId :

SSTDCCC040

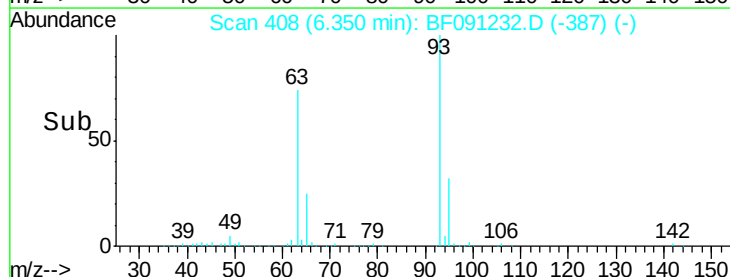
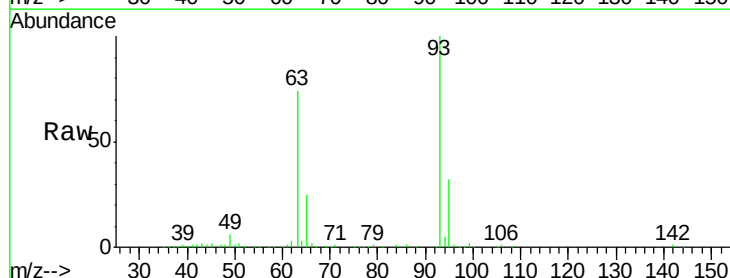
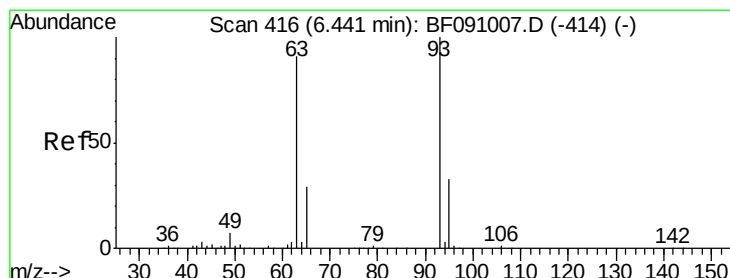
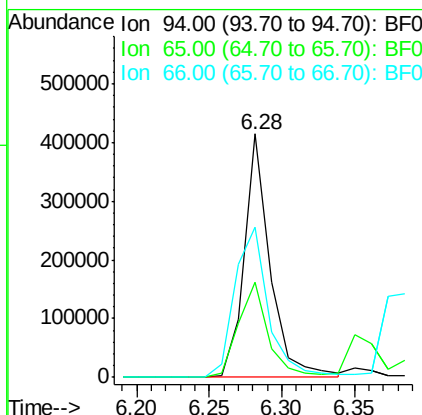
Tgt Ion: 94 Resp: 512288

Ion Ratio Lower Upper

94 100

65 39.0 30.4 70.4

66 61.7 62.9 102.9#



#11

bis(2-Chloroethyl)ether

Concen: 10.65 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

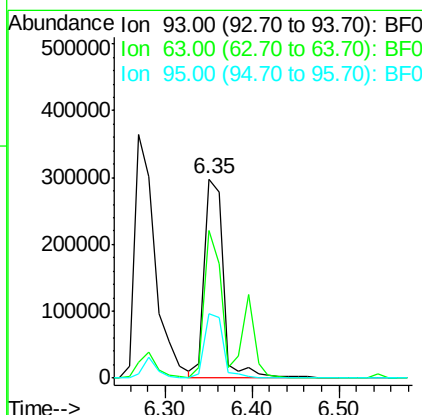
Tgt Ion: 93 Resp: 449151

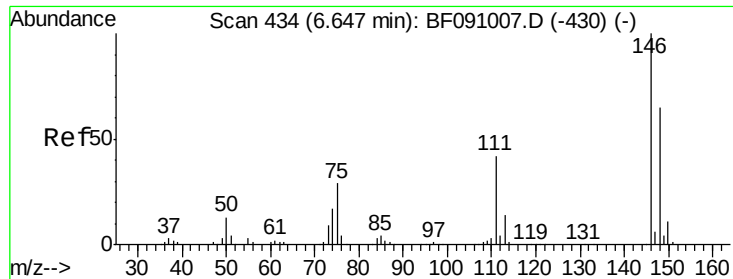
Ion Ratio Lower Upper

93 100

63 74.5 68.9 108.9

95 32.2 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 13.16 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.02 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

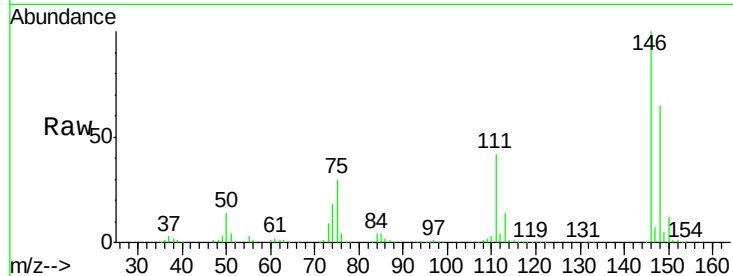
Tgt Ion:146 Resp: 529341

Ion Ratio Lower Upper

146 100

148 64.8 52.0 78.0

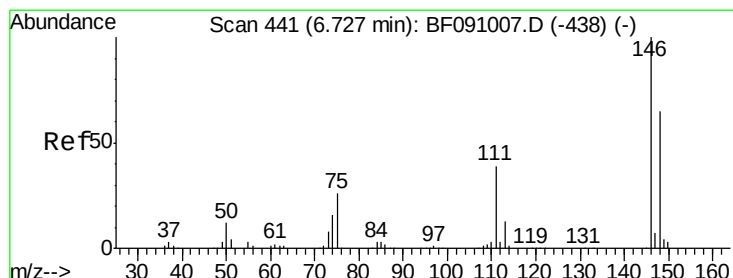
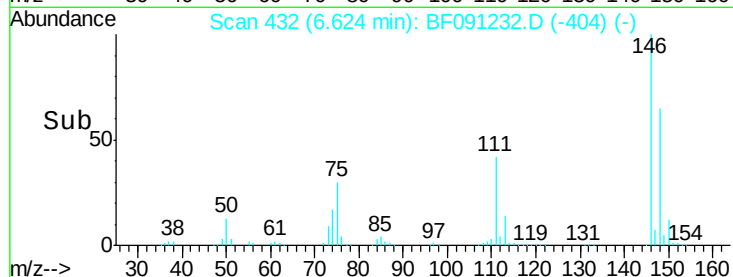
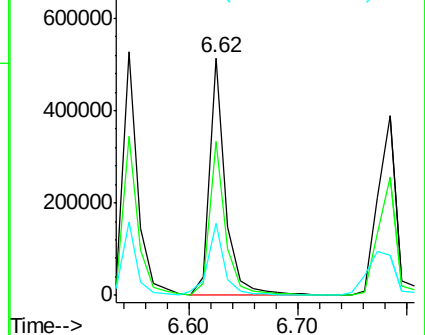
75 30.1 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 10.78 ng

RT: 6.78 min Scan# 446

Delta R.T. 0.10 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

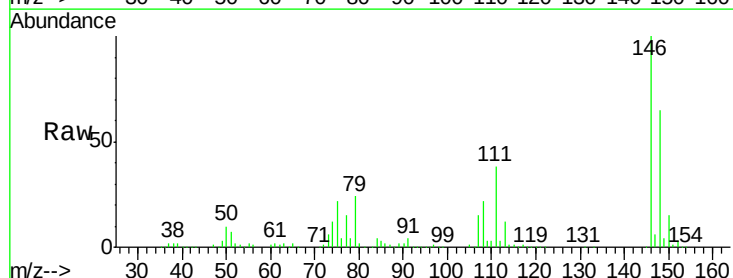
Tgt Ion:146 Resp: 465043

Ion Ratio Lower Upper

146 100

148 65.3 52.1 78.1

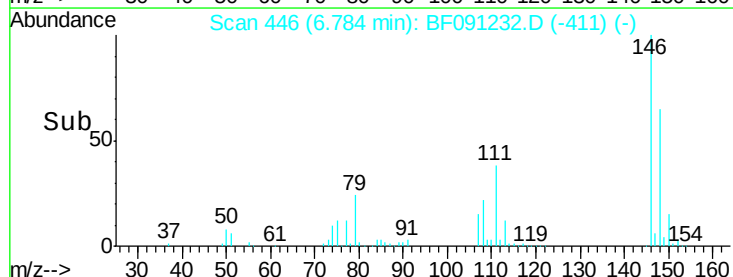
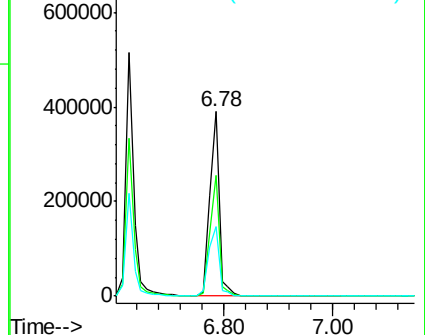
111 37.9 31.6 47.4

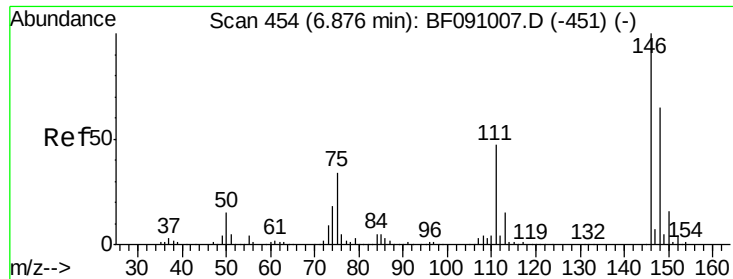


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

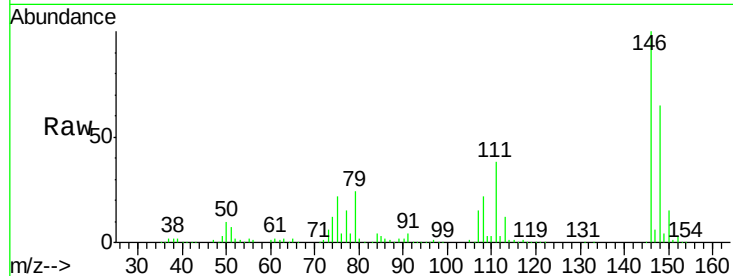




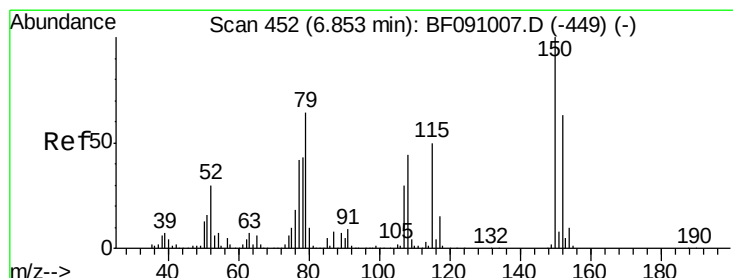
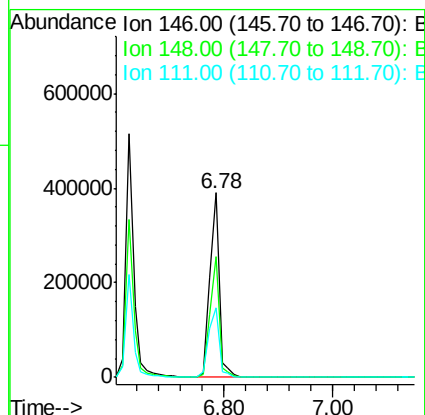
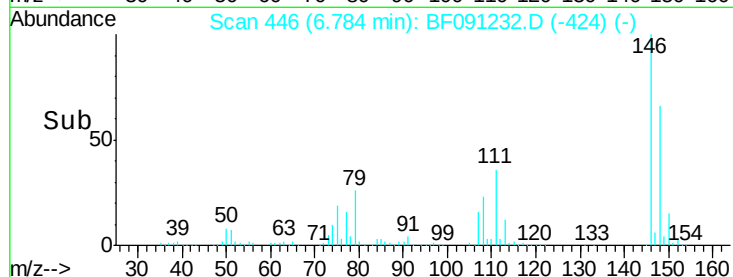
#14
 1,2-Dichlorobenzene
 Concen: 11.74 ng
 RT: 6.78 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 146 Resp: 465043
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.6 77.4
 111 37.9 37.3 55.9

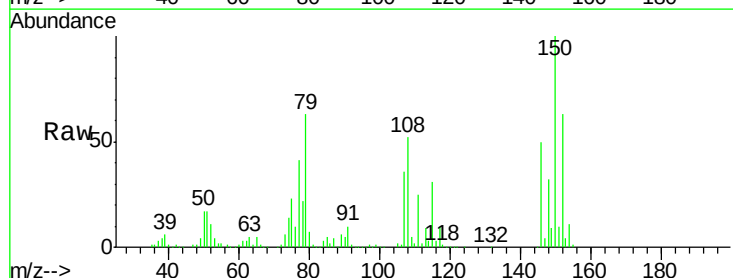


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

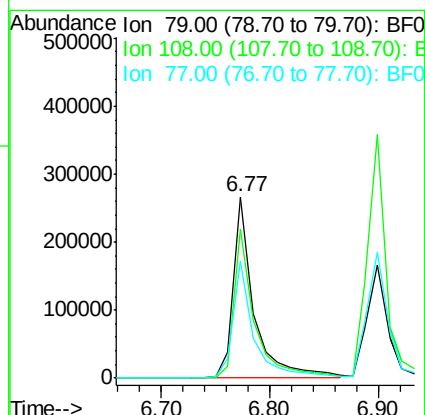
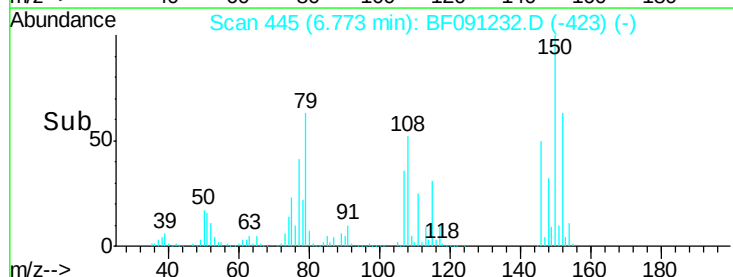


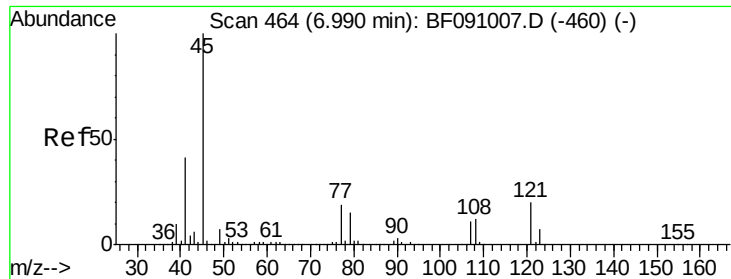
#15
 Benzyl Alcohol
 Concen: 11.00 ng
 RT: 6.77 min Scan# 445
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion: 79 Resp: 350915
 Ion Ratio Lower Upper
 79 100
 108 82.2 55.7 83.5
 77 64.4 52.6 79.0



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

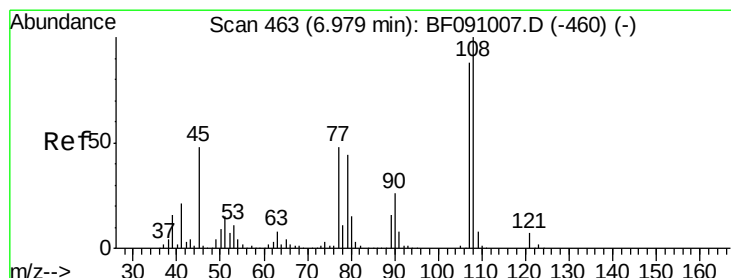
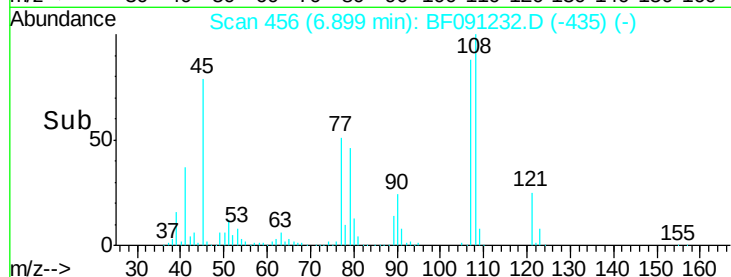
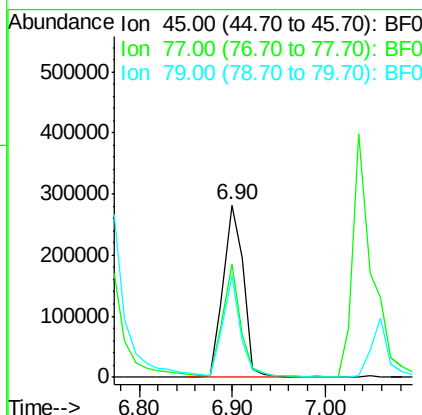
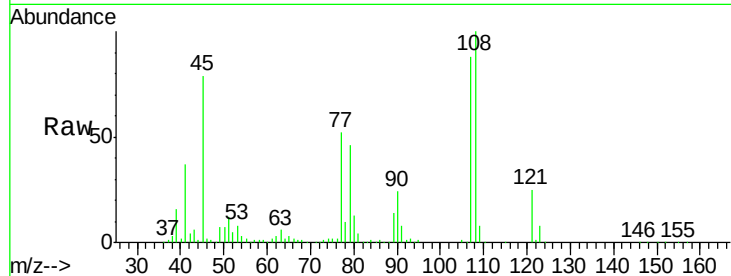




#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.08 ng
RT: 6.90 min Scan# 456
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

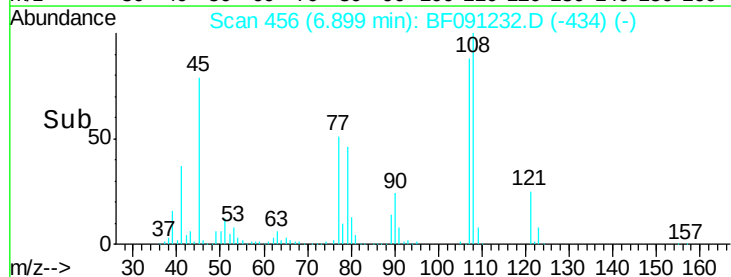
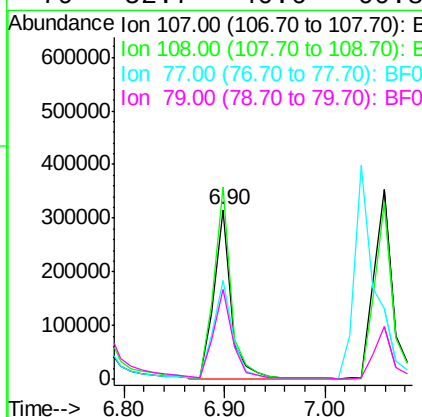
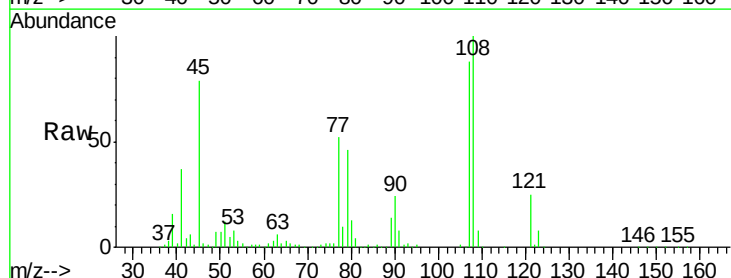
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

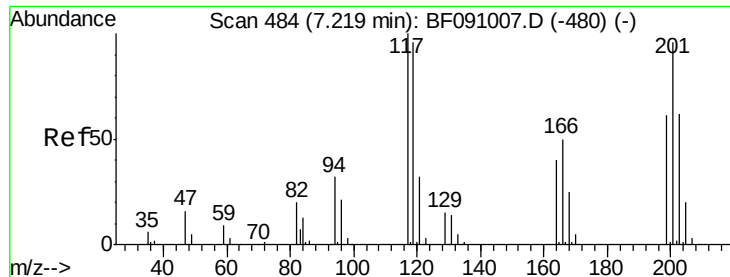
Tgt Ion: 45 Resp: 427563
Ion Ratio Lower Upper
45 100
77 65.4 0.0 39.6#
79 58.9 0.0 35.9#



#17
2-Methylphenol
Concen: 11.82 ng
RT: 6.90 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion: 107 Resp: 371901
Ion Ratio Lower Upper
107 100
108 113.5 91.0 136.6
77 58.6 43.8 65.8
79 52.7 40.6 60.8

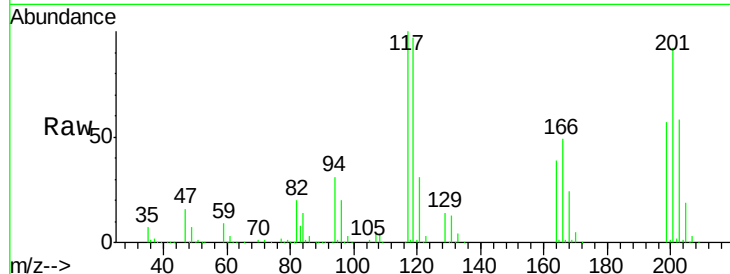




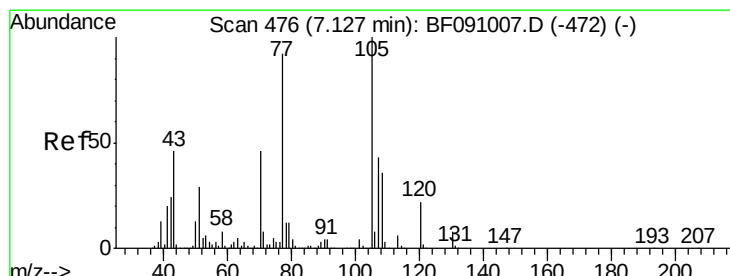
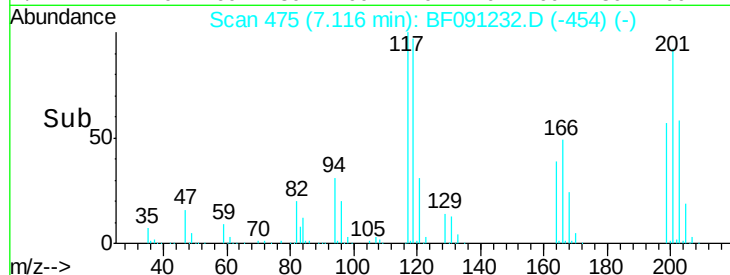
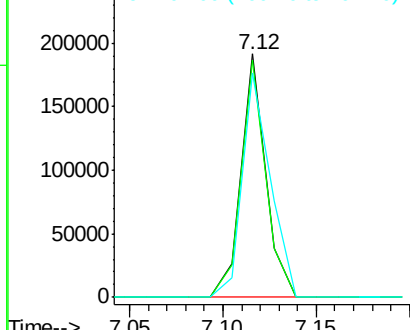
#18
Hexachloroethane
Concen: 10.55 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 117 Resp: 176152
Ion Ratio Lower Upper
117 100
119 97.3 76.6 115.0
201 92.4 77.1 115.7

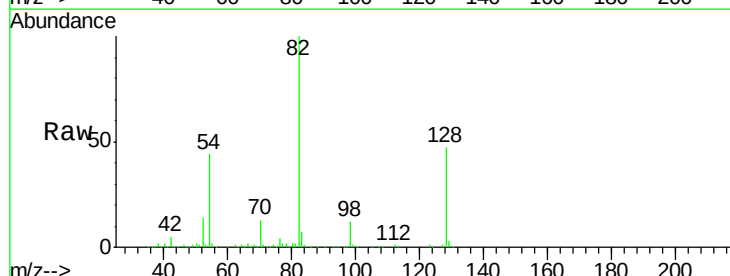


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

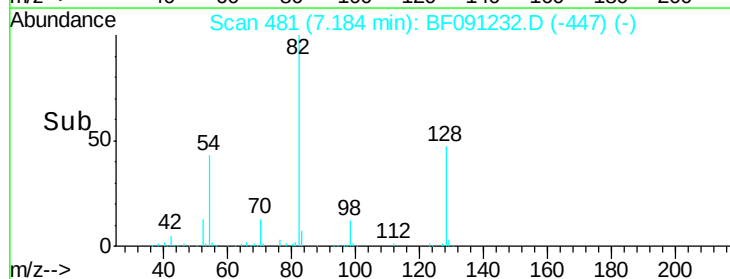
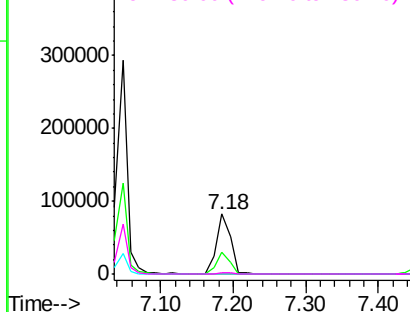


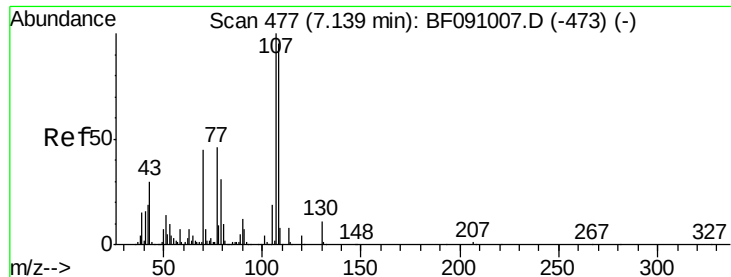
#19
n-Nitroso-di-n-propylamine
Concen: 3.66 ng
RT: 7.18 min Scan# 481
Delta R.T. 0.09 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion: 70 Resp: 114630
Ion Ratio Lower Upper
70 100
42 36.1 41.7 62.5#
101 0.0 6.7 10.1#
130 2.2 13.8 20.8#



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

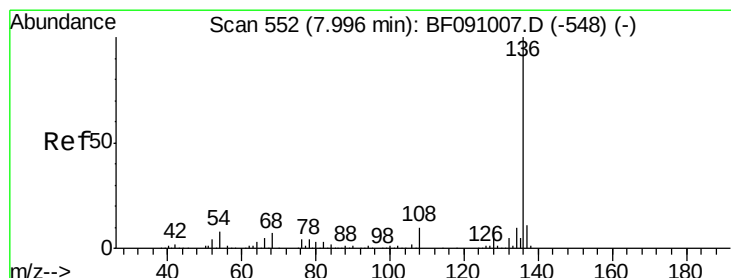
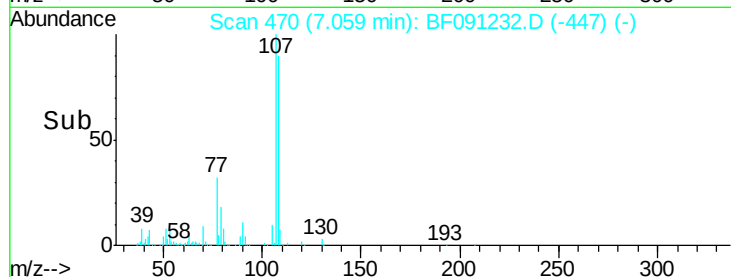
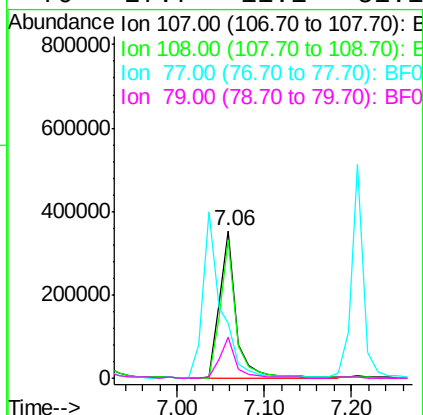
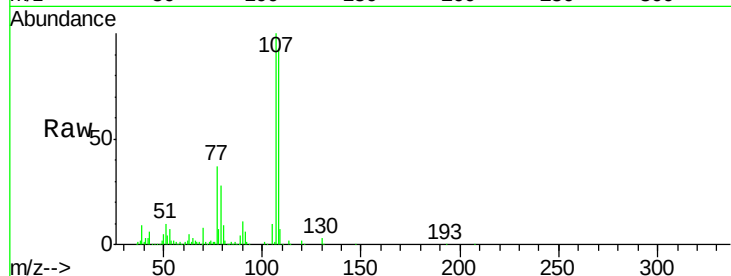




#20
3+4-Methylphenols
Concen: 12.55 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

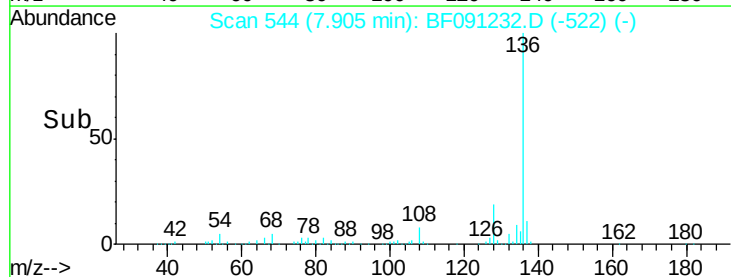
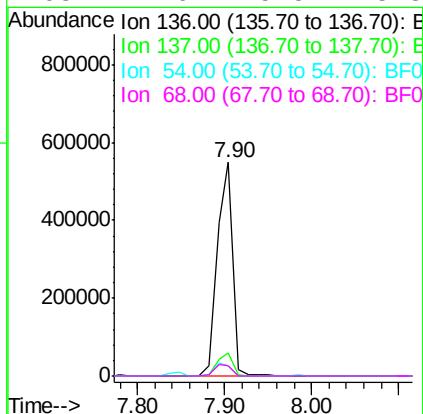
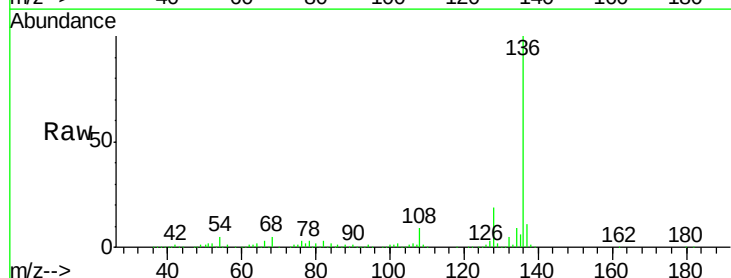
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

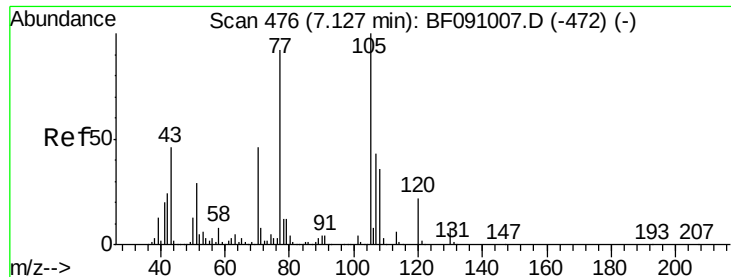
Tgt Ion:	107	Resp:	474284
Ion	Ratio	Lower	Upper
107	100		
108	93.3	75.5	115.5
77	37.0	26.4	66.4
79	27.7	11.1	51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion:	136	Resp:	686889
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	4.6	6.2	9.2#
68	4.6	5.5	8.3#

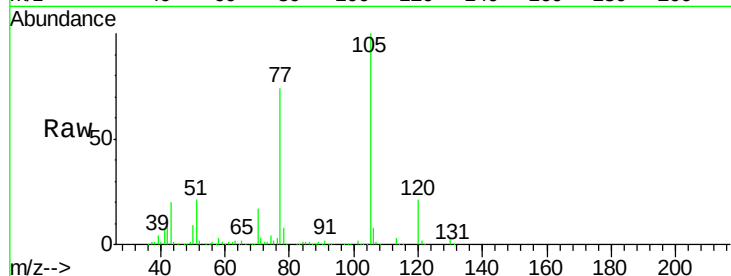




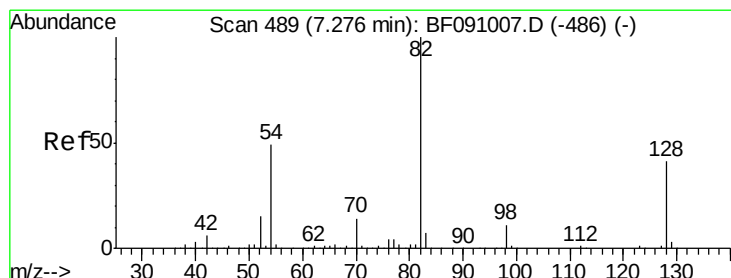
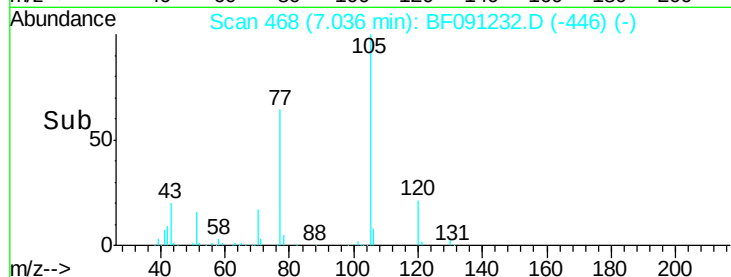
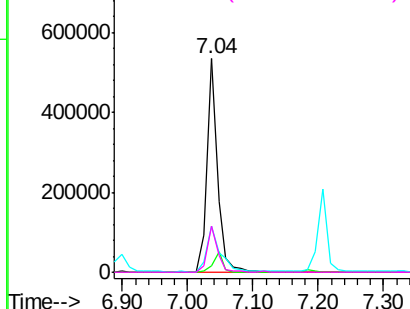
#22
Acetophenone
Concen: 38.02 ng
RT: 7.04 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 105 Resp: 601362
Ion Ratio Lower Upper
105 100
71 3.0 6.2 9.2#
51 21.4 23.3 34.9#
120 21.3 17.4 26.0

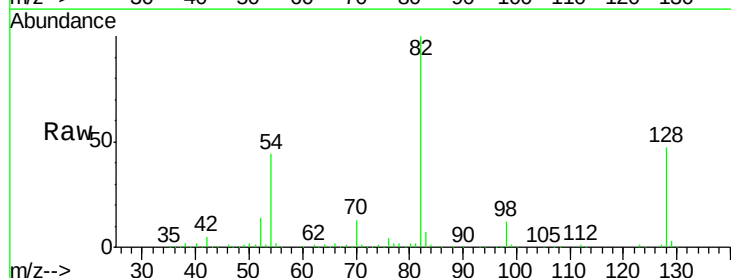


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

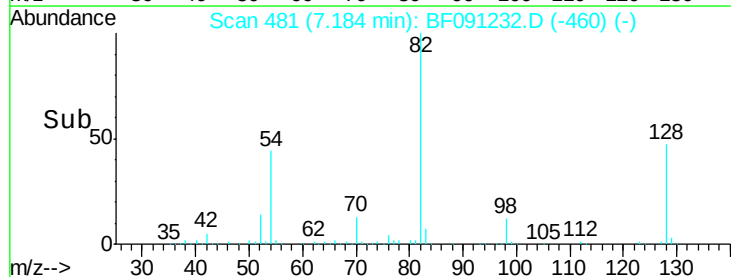
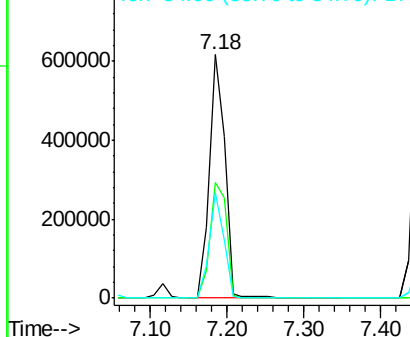


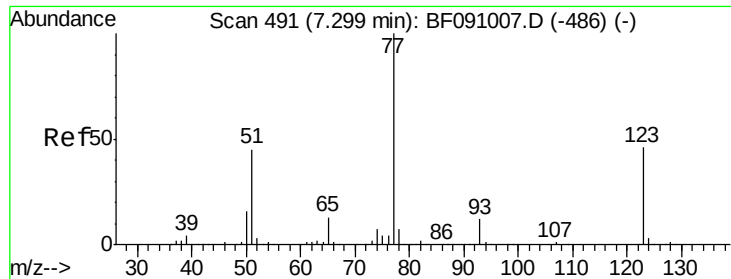
#23
Nitrobenzene-d5
Concen: 68.08 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion: 82 Resp: 857243
Ion Ratio Lower Upper
82 100
128 47.3 32.4 48.6
54 43.5 39.2 58.8



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





#24

Nitrobenzene

Concen: 36.02 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

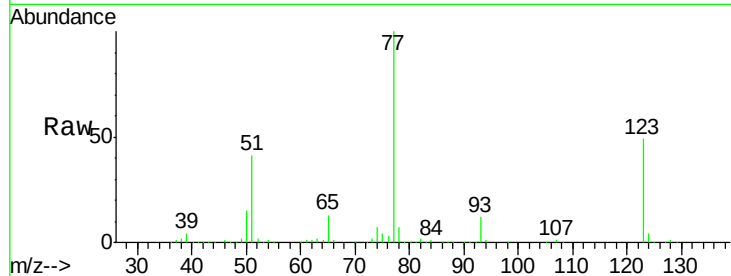
Tgt Ion: 77 Resp: 500906

Ion Ratio Lower Upper

77 100

123 49.1 36.5 54.7

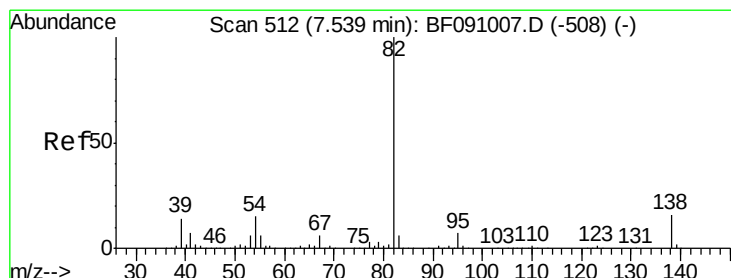
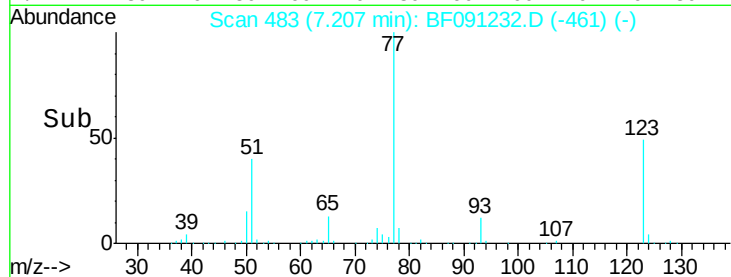
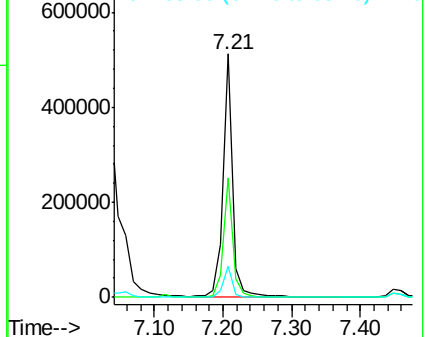
65 12.9 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 35.41 ng

RT: 7.45 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

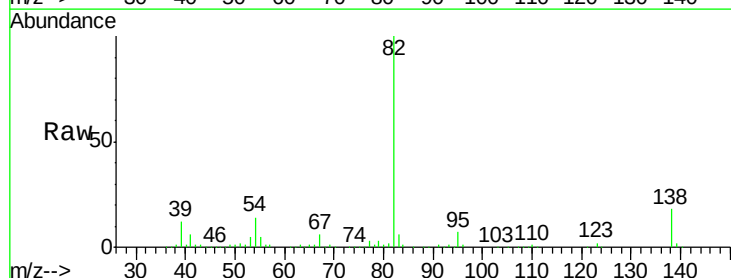
Tgt Ion: 82 Resp: 859161

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

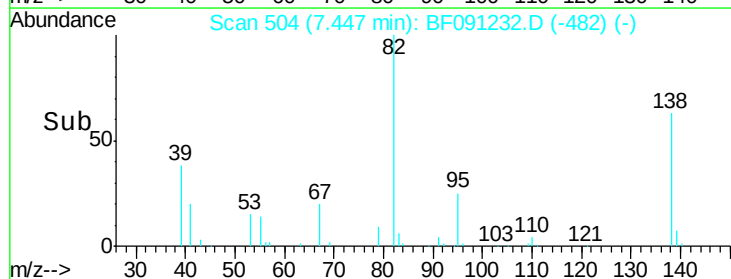
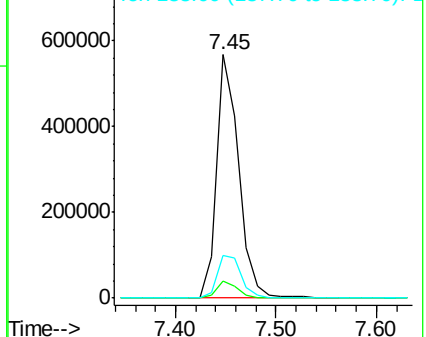
138 17.5 13.0 19.4

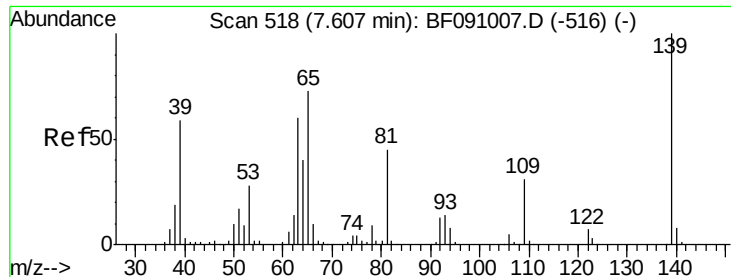


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

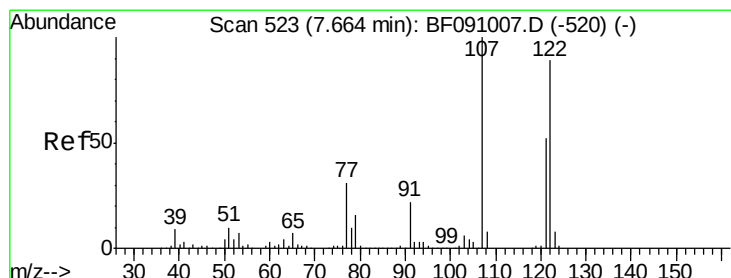
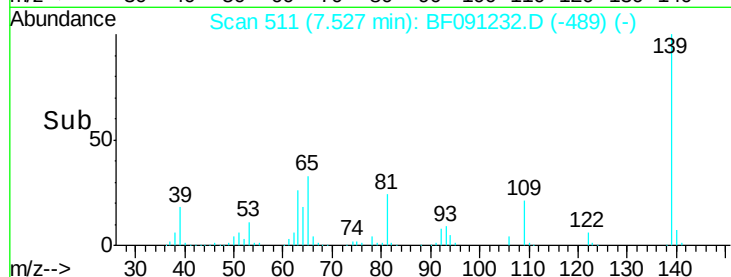
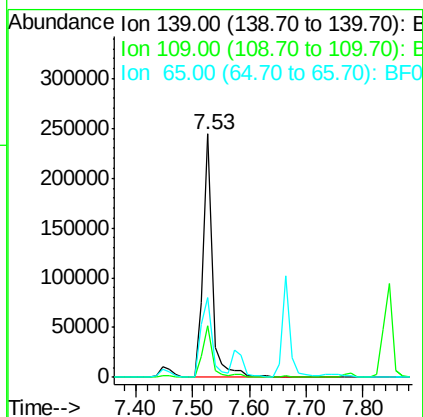
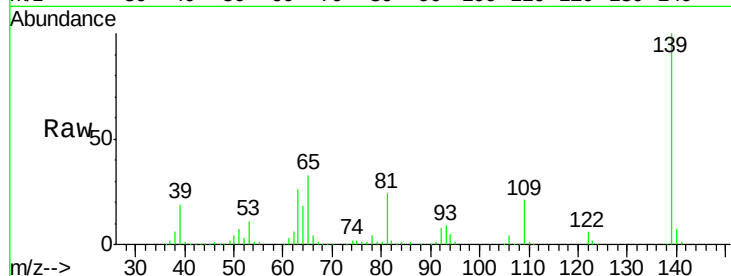




#26
2-Nitrophenol
Concen: 46.01 ng
RT: 7.53 min Scan# 511
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

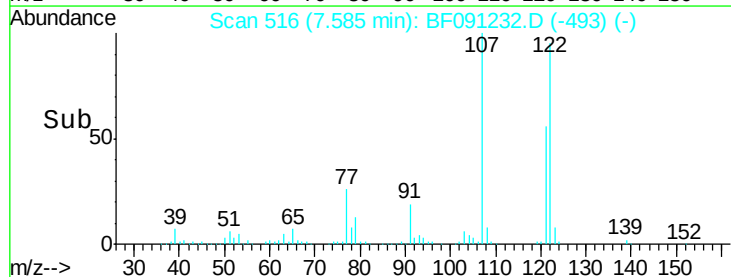
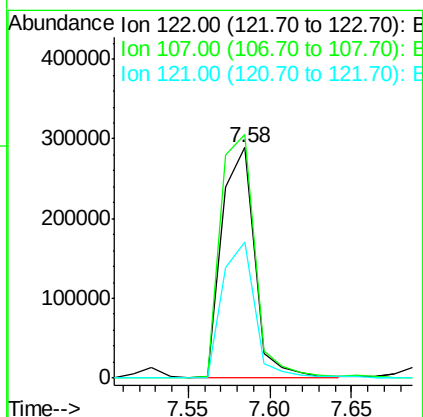
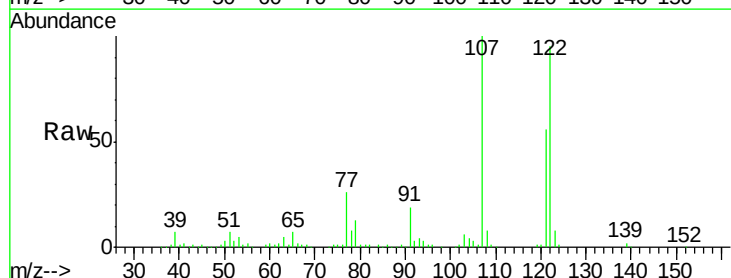
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

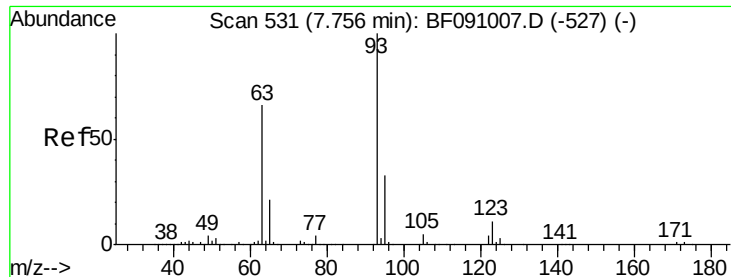
Tgt Ion:139 Resp: 270774
Ion Ratio Lower Upper
139 100
109 21.2 24.7 37.1#
65 32.9 58.3 87.5#



#27
2,4-Dimethylphenol
Concen: 41.00 ng
RT: 7.58 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion:122 Resp: 399079
Ion Ratio Lower Upper
122 100
107 105.5 89.6 134.4
121 58.8 46.3 69.5

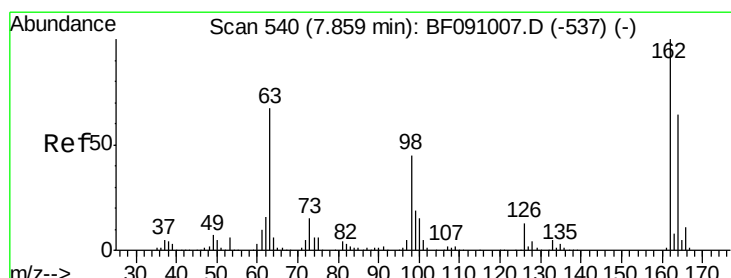
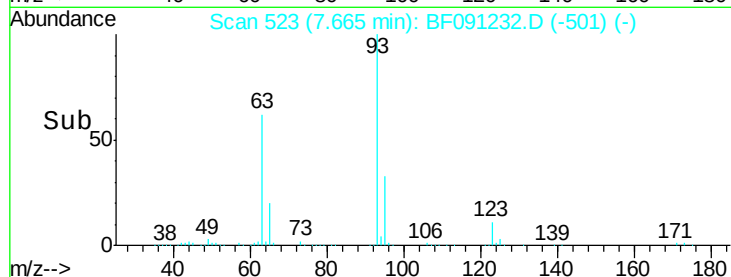
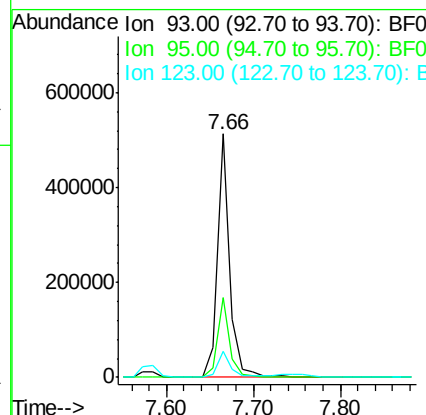
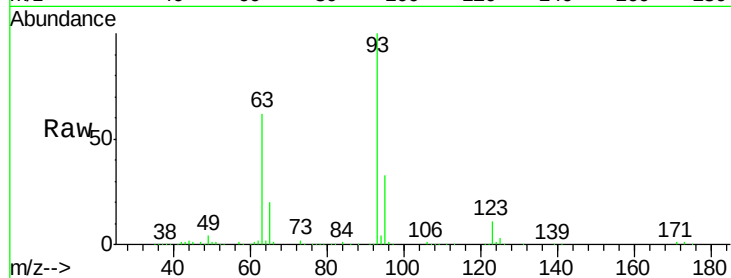




#28
 bis(2-Chloroethoxy)methane
 Concen: 38.21 ng
 RT: 7.66 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

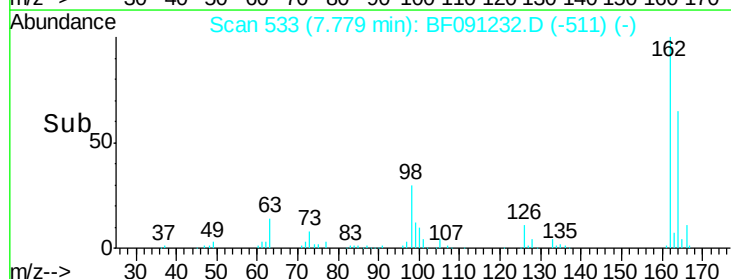
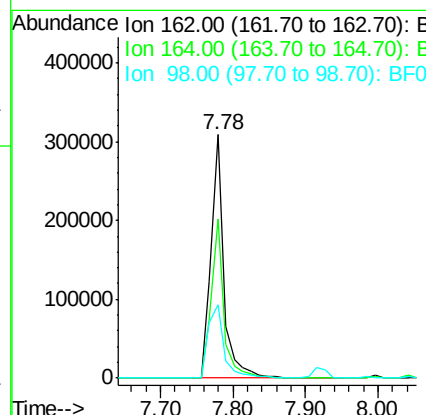
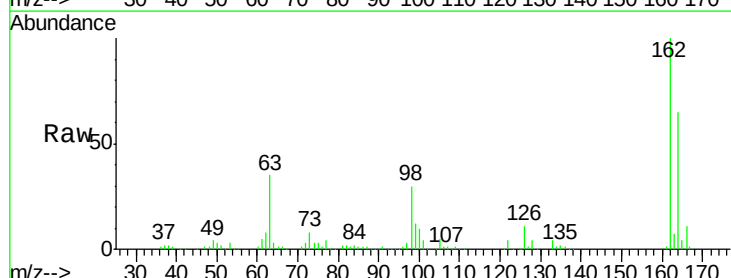
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

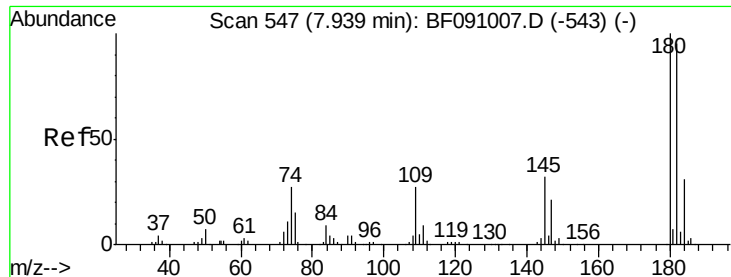
Tgt Ion:	93	Resp:	506423
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	10.7	8.7	13.1



#29
 2,4-Dichlorophenol
 Concen: 45.04 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion:	162	Resp:	382560
Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.4	84.4
98	30.2	25.2	65.2

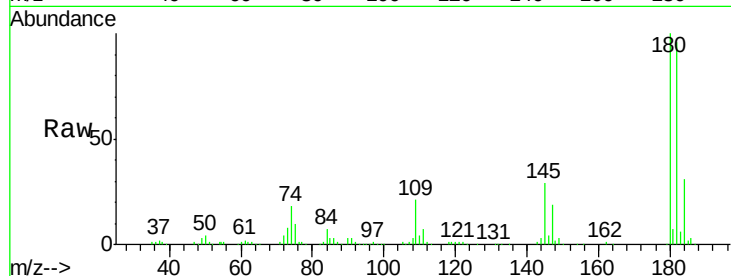




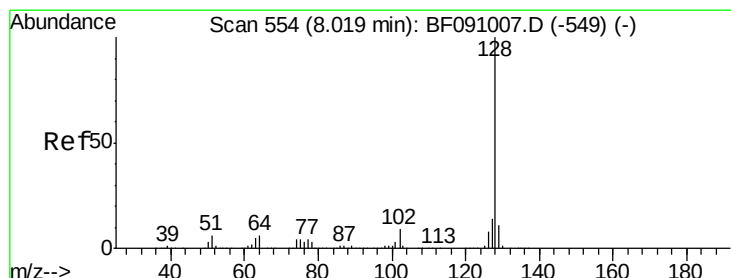
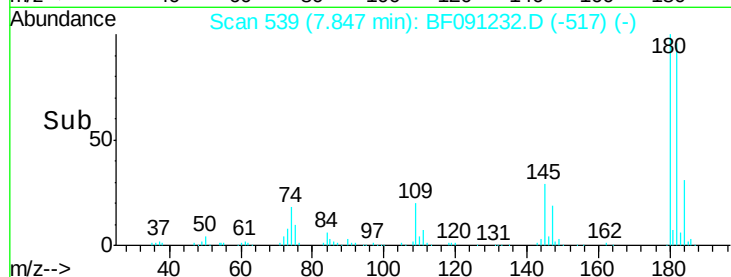
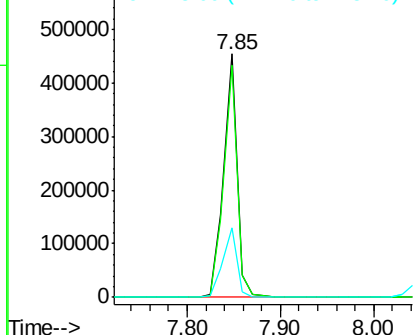
#30
 1,2,4-Trichlorobenzene
 Concen: 47.64 ng
 RT: 7.85 min Scan# 539
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:180 Resp: 454955
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.0 114.0
 145 28.7 25.8 38.8

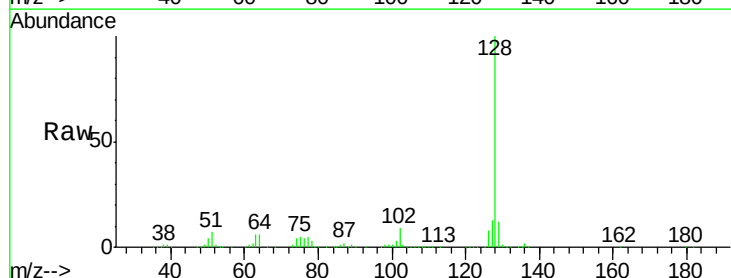


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

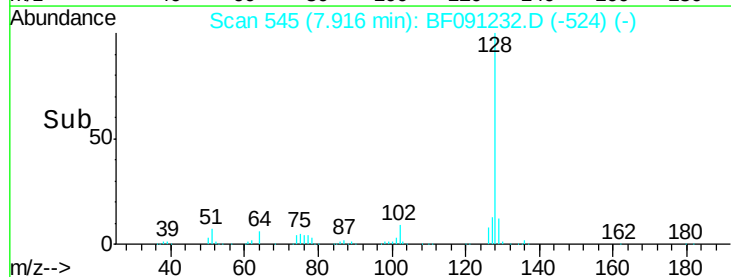
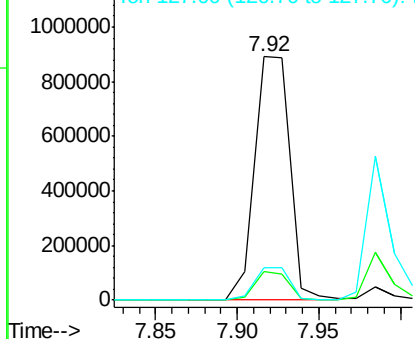


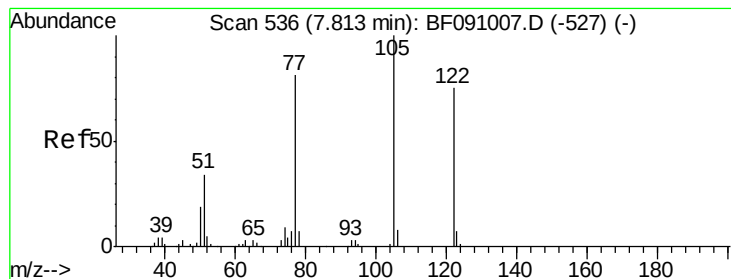
#31
 Naphthalene
 Concen: 40.78 ng
 RT: 7.92 min Scan# 545
 Delta R.T. -0.06 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion:128 Resp: 1339461
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.0 13.6
 127 13.4 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: 37.13 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

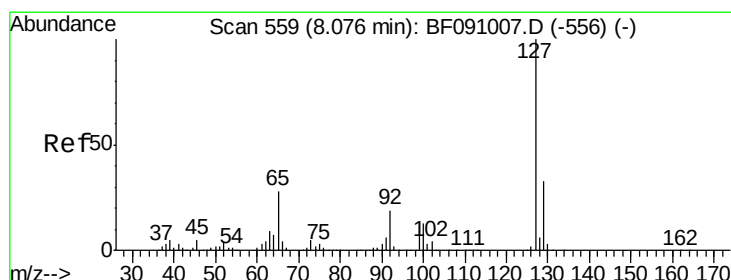
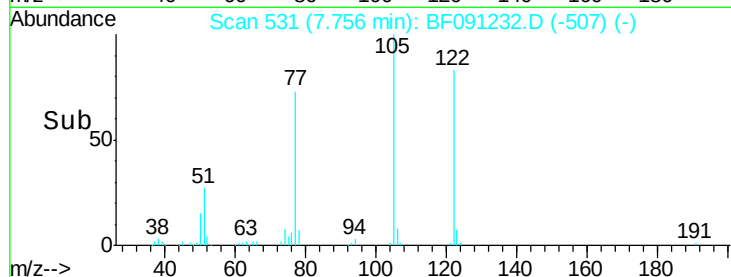
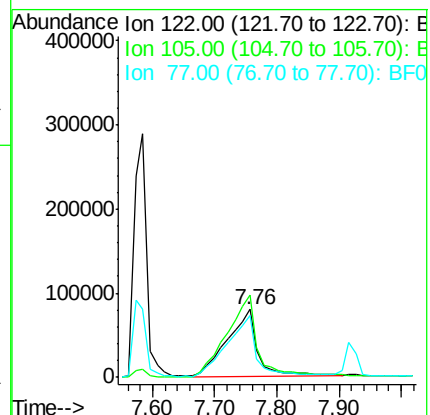
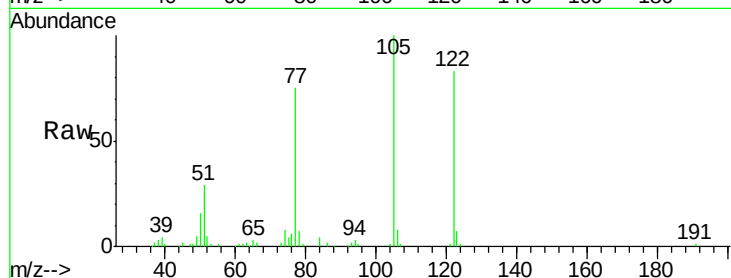
Tgt Ion:122 Resp: 272206

Ion Ratio Lower Upper

122 100

105 121.0 105.9 145.9

77 90.3 84.0 124.0



#33

4-Chloroaniline

Concen: 43.44 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Tgt Ion:127 Resp: 593469

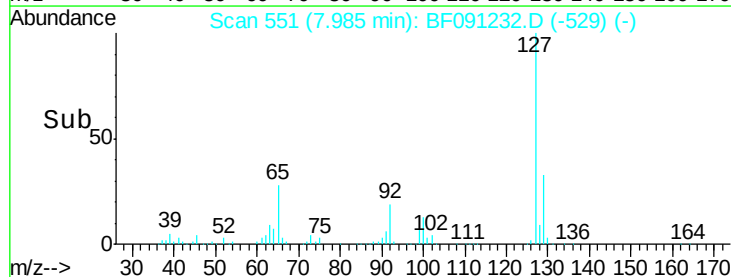
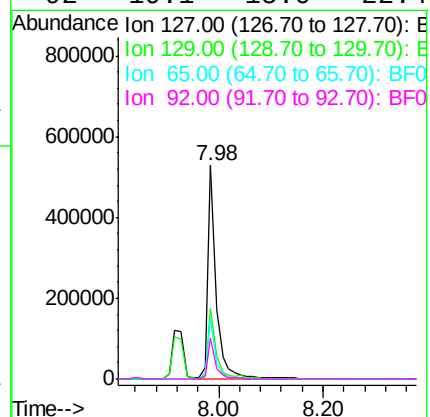
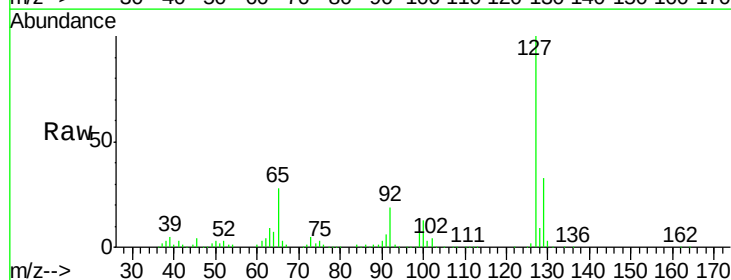
Ion Ratio Lower Upper

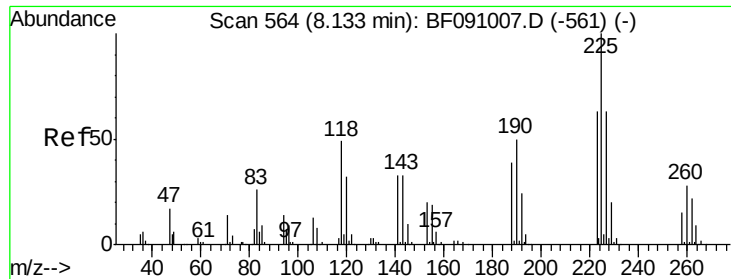
127 100

129 33.1 26.6 39.8

65 28.0 22.2 33.2

92 19.1 15.0 22.4

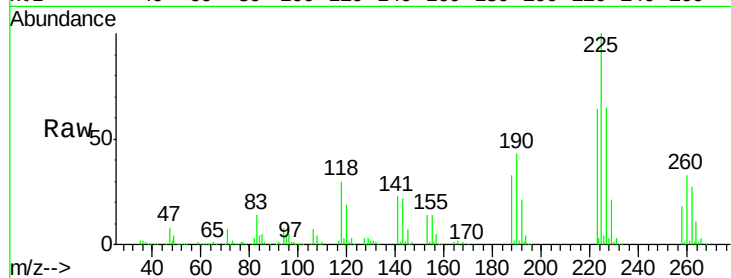




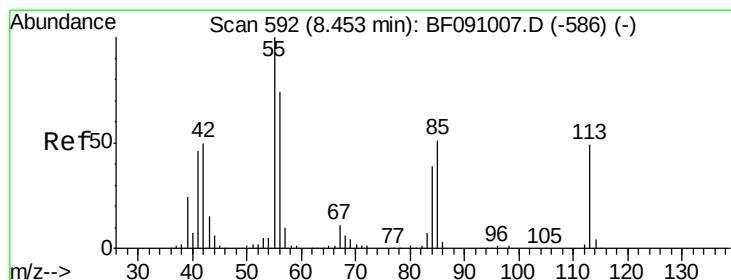
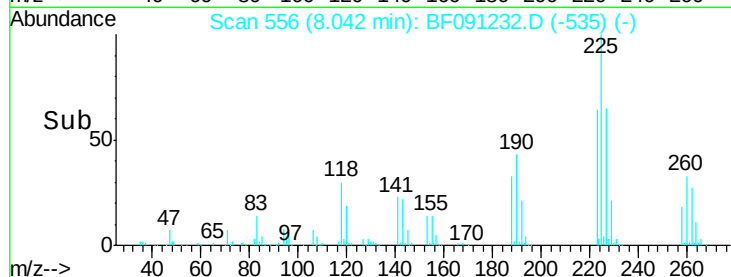
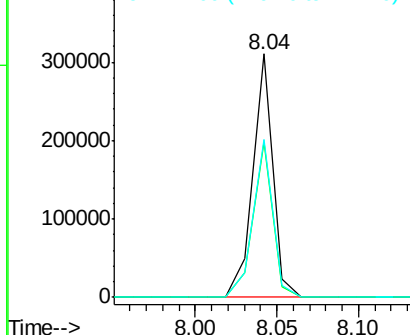
#34
Hexachlorobutadiene
Concen: 51.18 ng
RT: 8.04 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 225 Resp: 263808
Ion Ratio Lower Upper
225 100
223 63.5 50.4 75.6
227 64.6 50.1 75.1

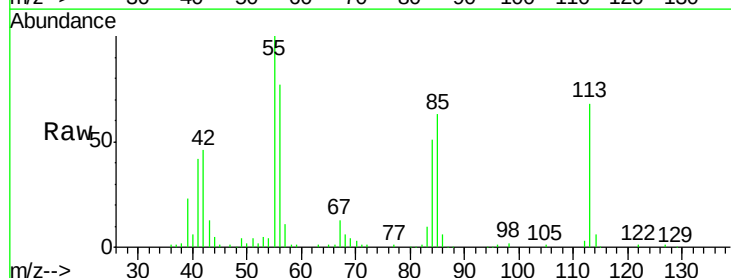


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

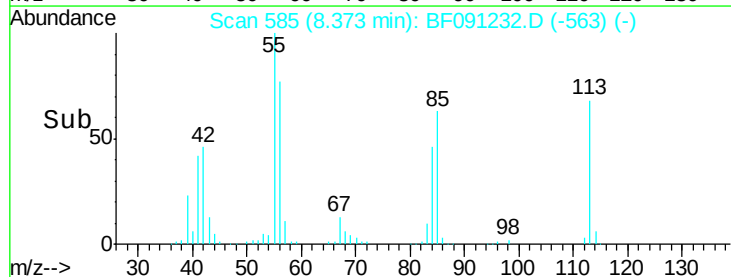
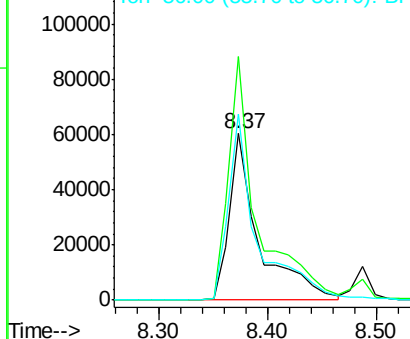


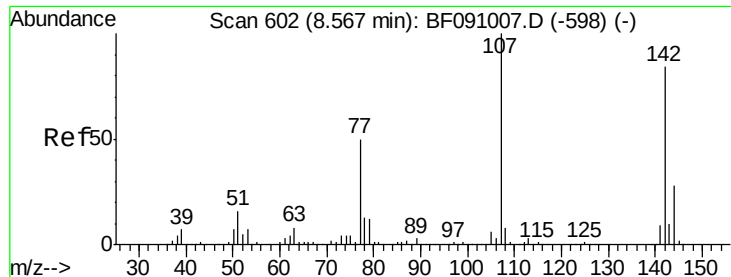
#35
Caprolactam
Concen: 42.52 ng
RT: 8.37 min Scan# 585
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion: 113 Resp: 113469
Ion Ratio Lower Upper
113 100
55 146.3 184.1 224.1#
56 112.0 132.0 172.0#



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

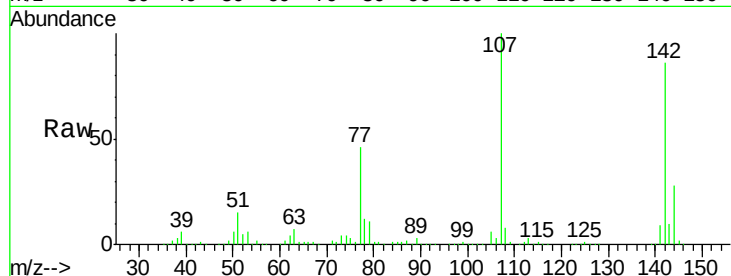




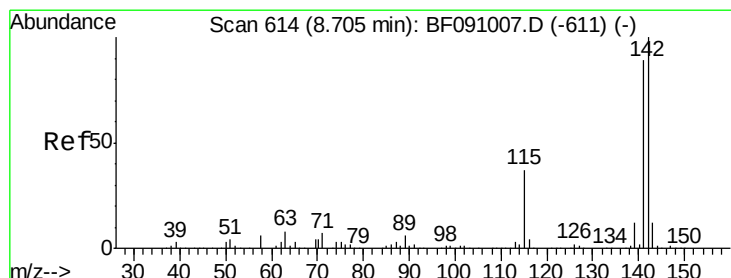
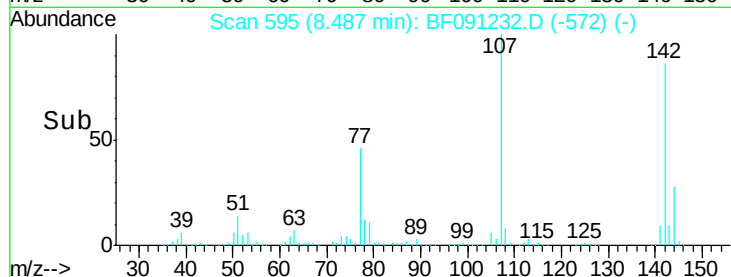
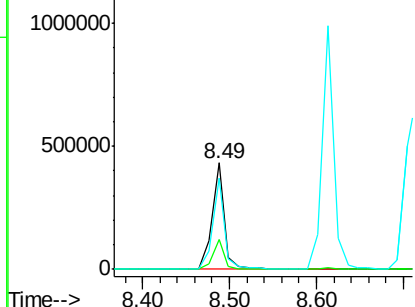
#36
 4-Chloro-3-methylphenol
 Concen: 42.68 ng
 RT: 8.49 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:107 Resp: 438865
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.5 33.7
 142 85.7 67.4 101.2

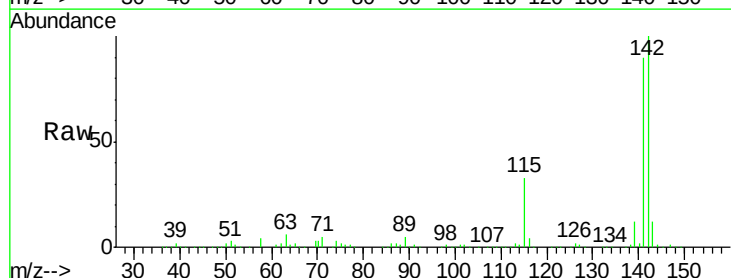


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

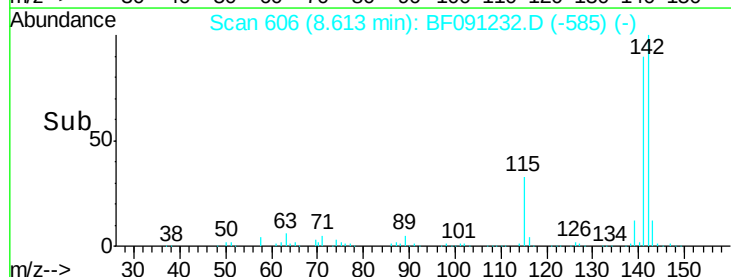
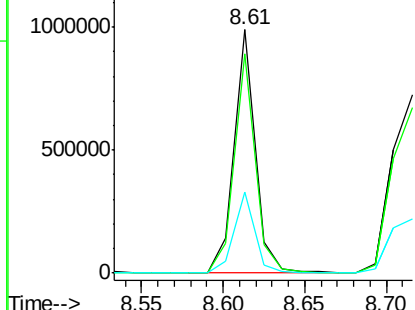


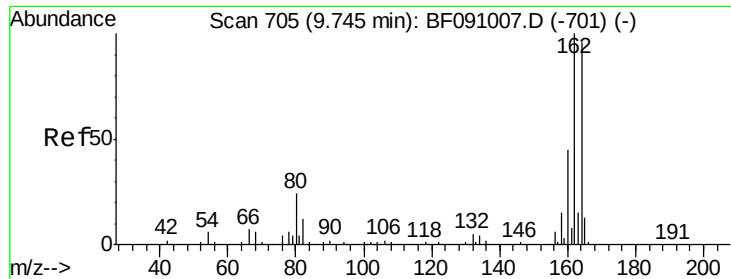
#37
 2-Methylnaphthalene
 Concen: 41.98 ng
 RT: 8.61 min Scan# 606
 Delta R.T. -0.06 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion:142 Resp: 886437
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 33.3 29.9 44.9



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

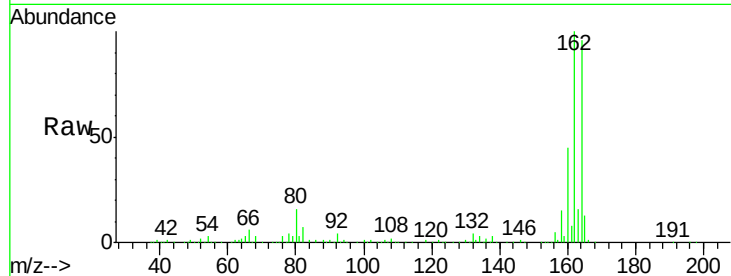
Tgt Ion:164 Resp: 396320

Ion Ratio Lower Upper

164 100

162 104.4 83.6 125.4

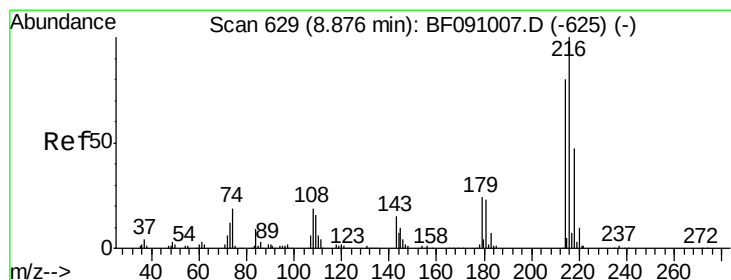
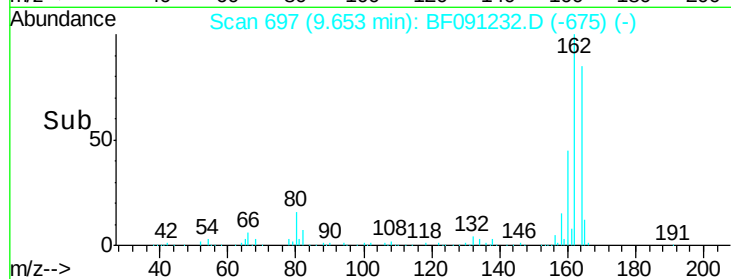
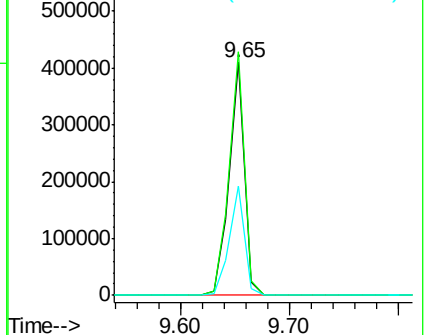
160 46.7 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.04 ng

RT: 8.78 min Scan# 621

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Tgt Ion:216 Resp: 475321

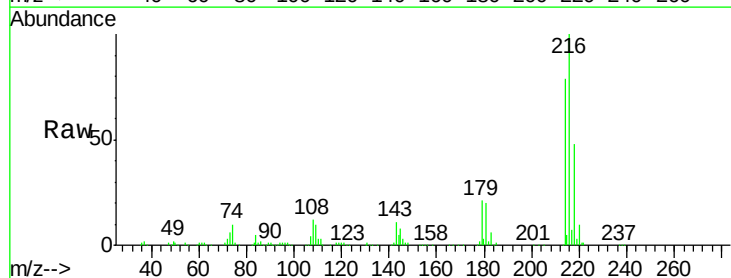
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.6 19.1 28.7

108 16.2 17.5 26.3#

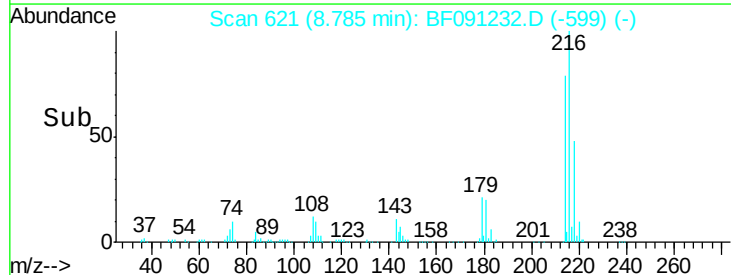
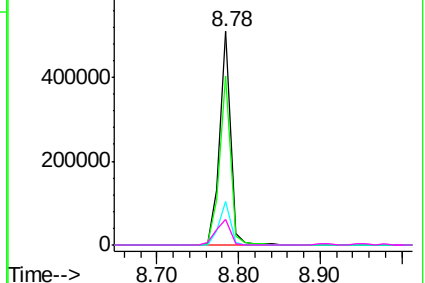


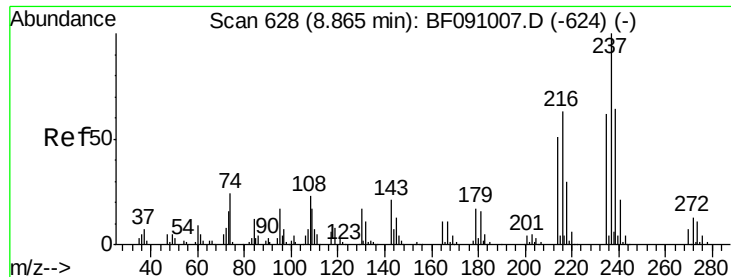
Abundance Ion 216.00 (215.70 to 216.70): E

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

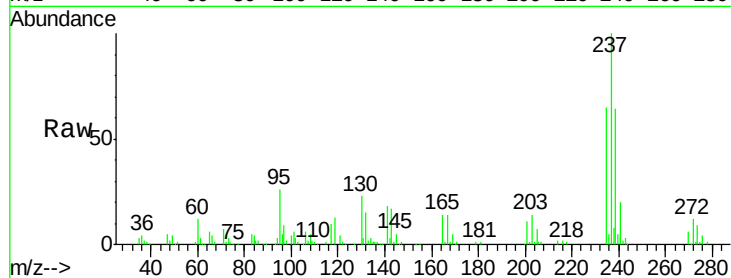




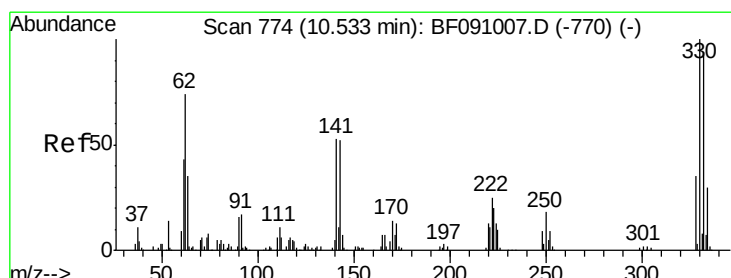
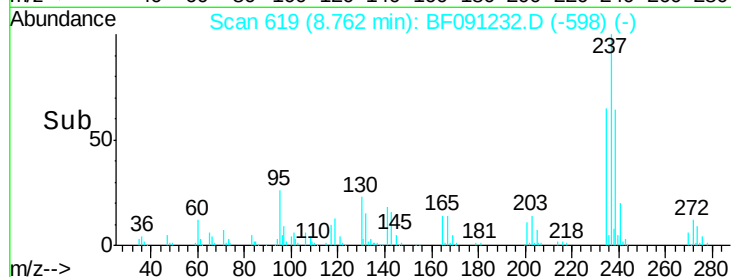
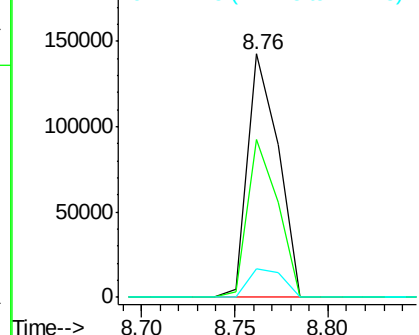
#40
Hexachlorocyclopentadiene
Concen: 44.78 ng
RT: 8.76 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 162552
Ion Ratio Lower Upper
237 100
235 64.6 42.1 82.1
272 12.0 0.0 33.1

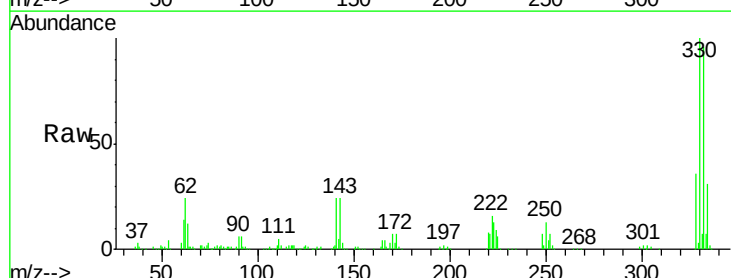


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

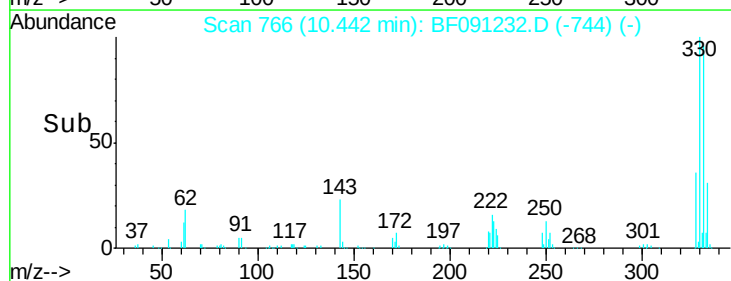
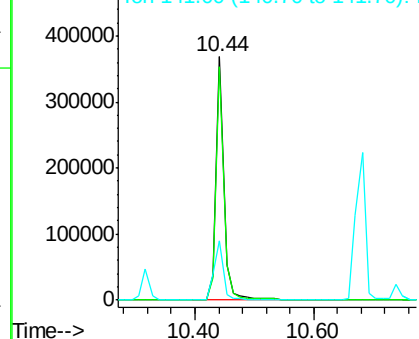


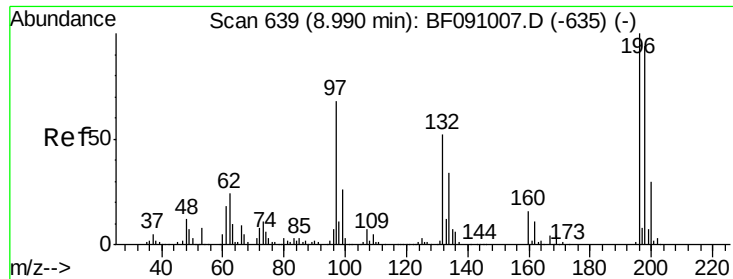
#41
2,4,6-Tribromophenol
Concen: 94.97 ng
RT: 10.44 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion: 330 Resp: 340291
Ion Ratio Lower Upper
330 100
332 96.0 75.9 113.9
141 30.0 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

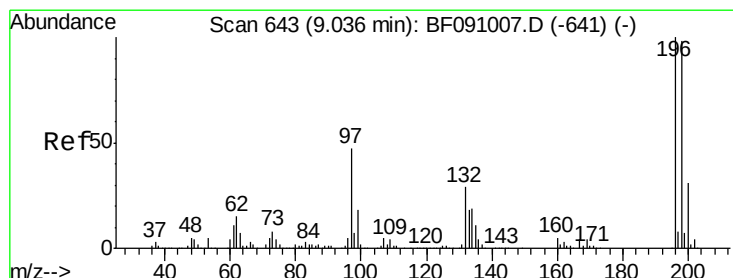
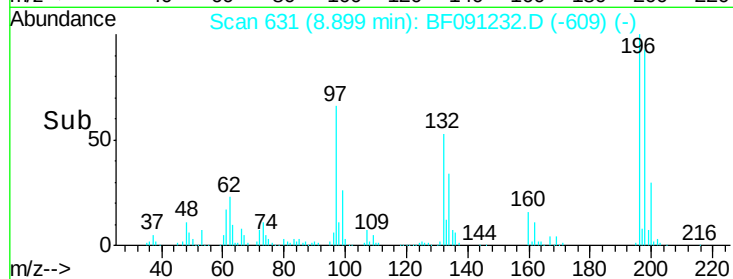
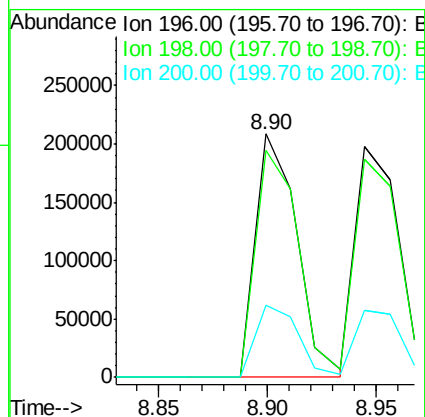
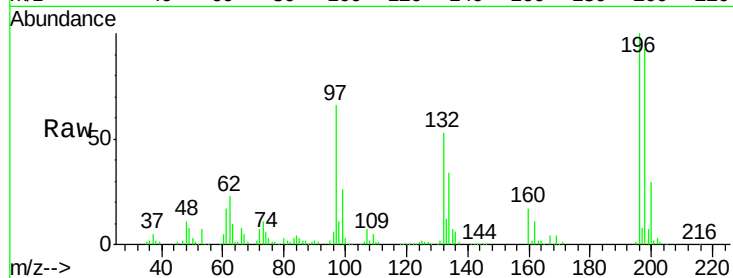




#42
 2,4,6-Trichlorophenol
 Concen: 42.40 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

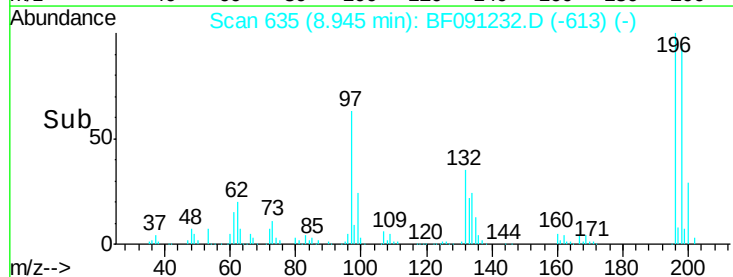
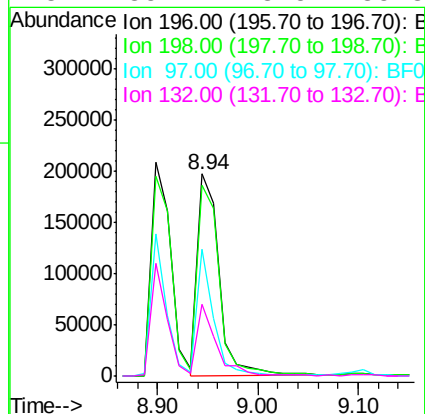
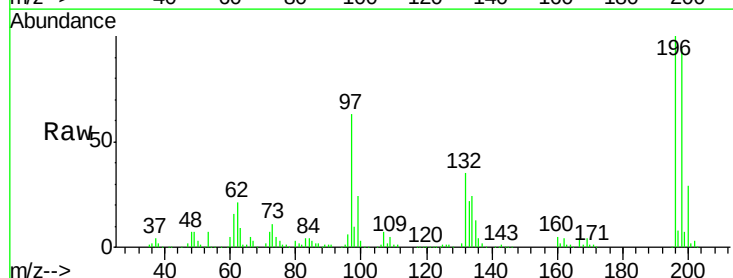
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

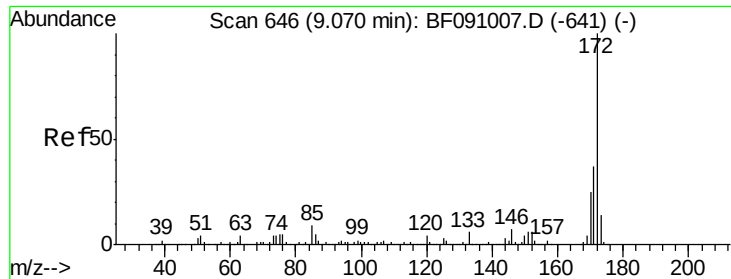
Tgt Ion:196 Resp: 276546
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.4 113.0
 200 29.8 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 42.83 ng
 RT: 8.94 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion:196 Resp: 293352
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.2 117.4
 97 62.9 38.8 58.2#
 132 35.4 23.5 35.3#

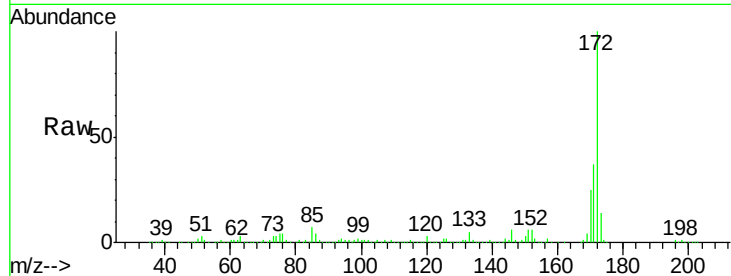




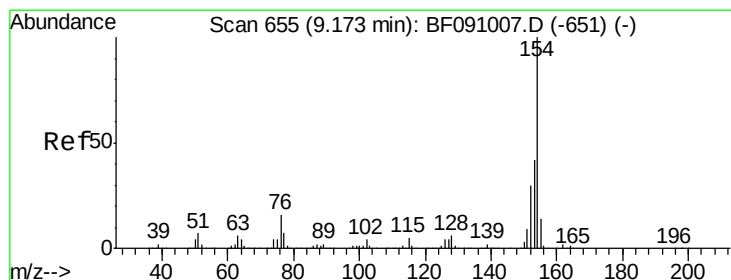
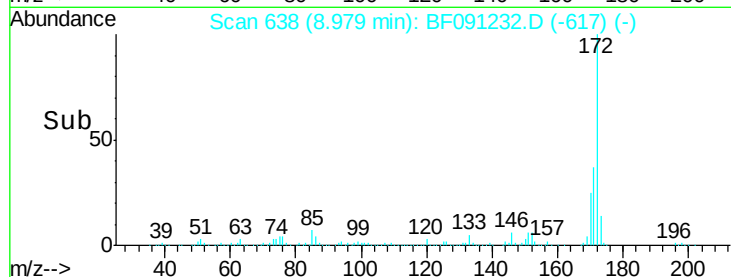
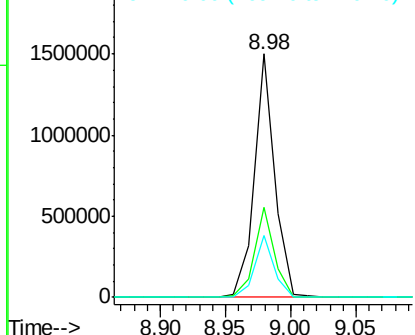
#44
2-Fluorobiphenyl
Concen: 70.82 ng
RT: 8.98 min Scan# 638
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1630321
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 25.4 20.3 30.5

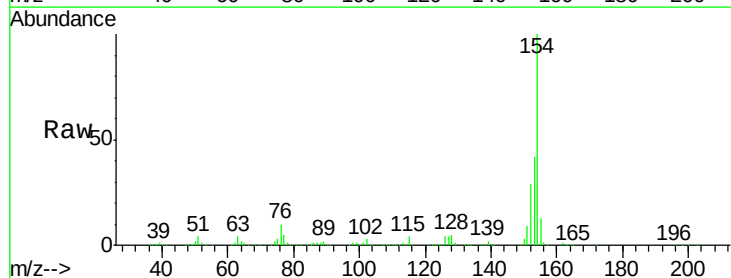


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

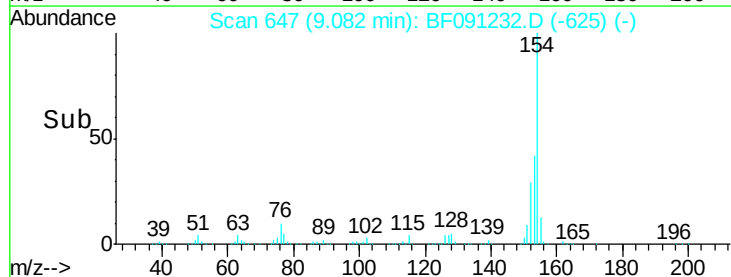
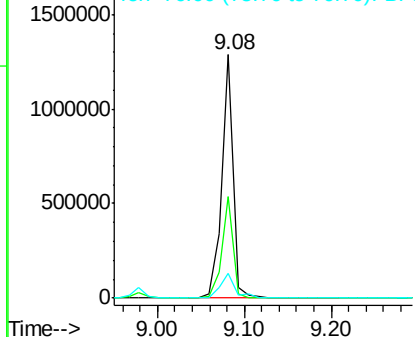


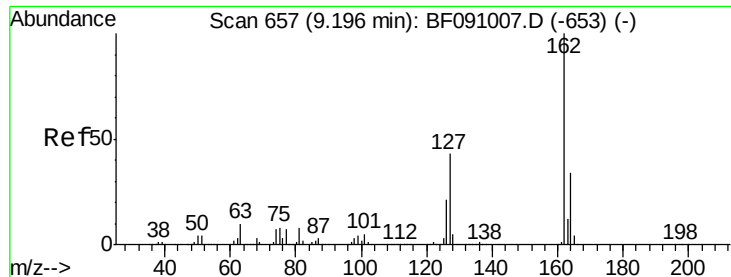
#45
1,1'-Biphenyl
Concen: 41.25 ng
RT: 9.08 min Scan# 647
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion:154 Resp: 1193821
Ion Ratio Lower Upper
154 100
153 41.7 21.6 61.6
76 10.4 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

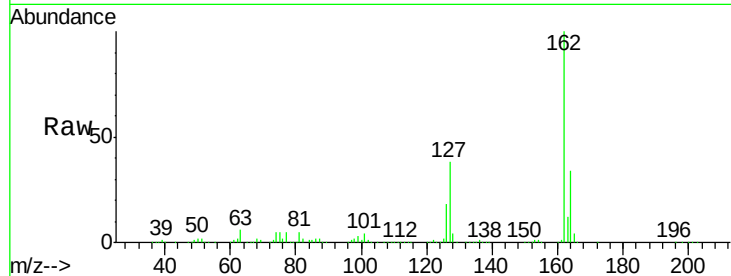




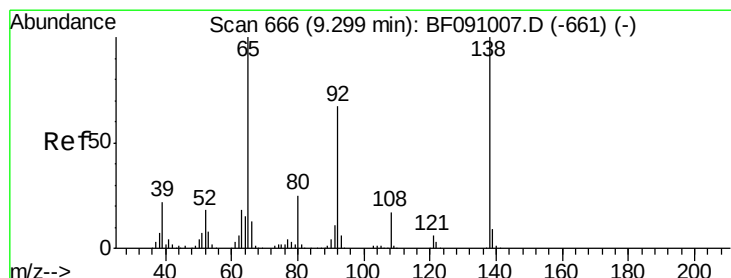
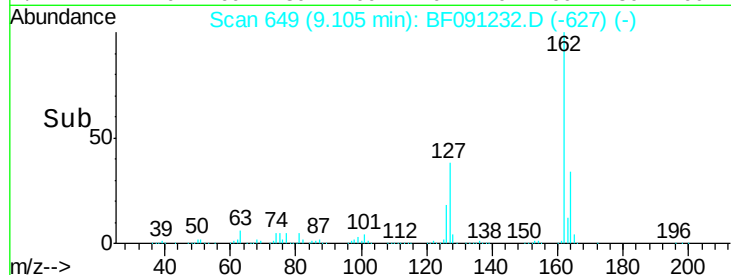
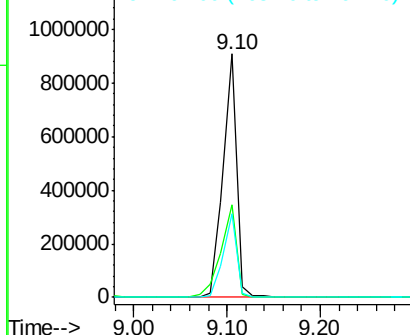
#46
2-Chloronaphthalene
Concen: 41.97 ng
RT: 9.10 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 162 Resp: 922094
Ion Ratio Lower Upper
162 100
127 37.8 34.7 52.1
164 34.3 27.0 40.4

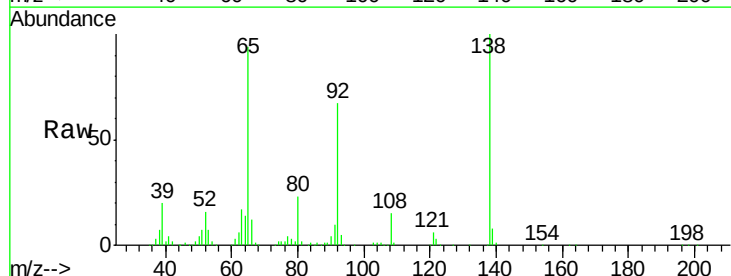


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

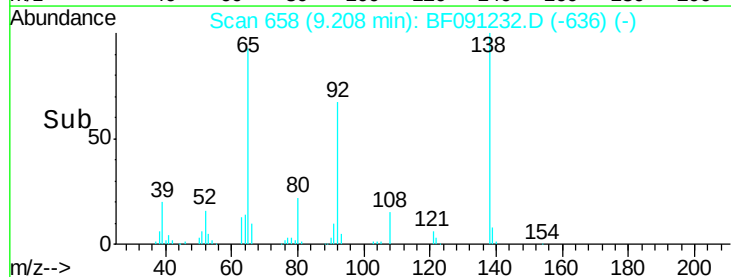
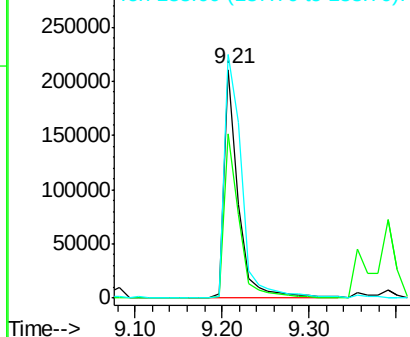


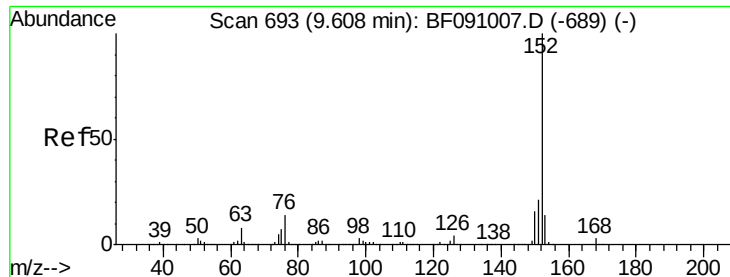
#47
2-Nitroaniline
Concen: 29.72 ng
RT: 9.21 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion: 65 Resp: 242335
Ion Ratio Lower Upper
65 100
92 71.8 53.9 80.9
138 106.6 80.1 120.1



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





#48

Acenaphthylene

Concen: 40.09 ng

RT: 9.52 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

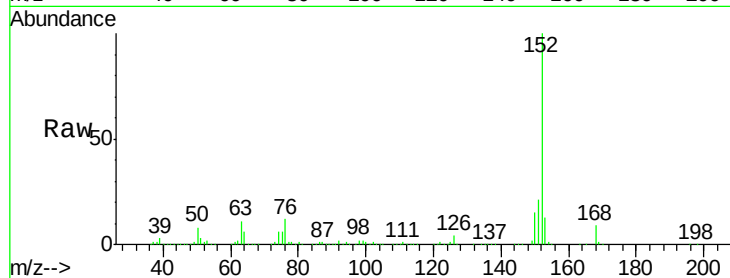
Tgt Ion:152 Resp: 1372645

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

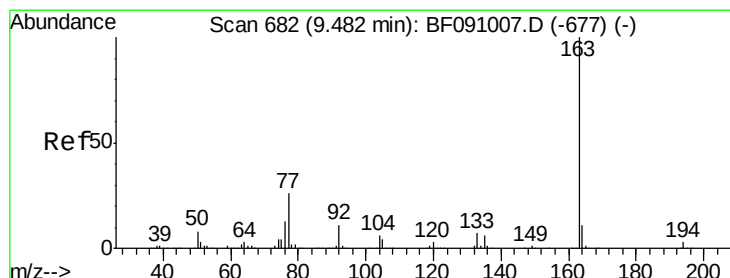
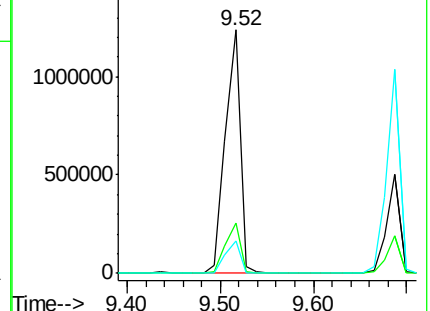
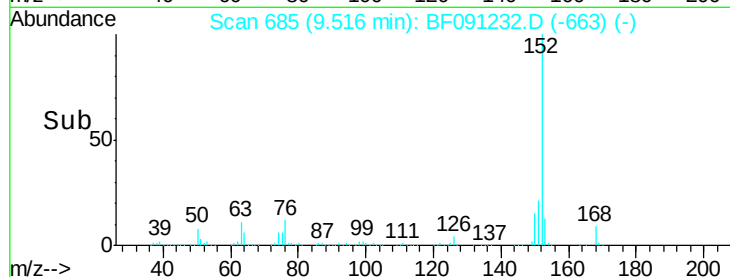
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.58 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

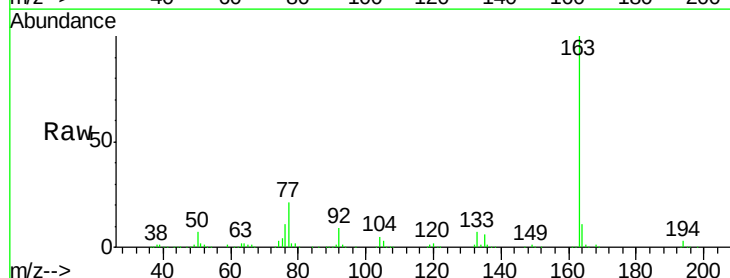
Tgt Ion:163 Resp: 1028539

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

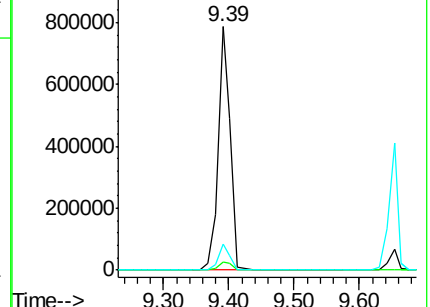
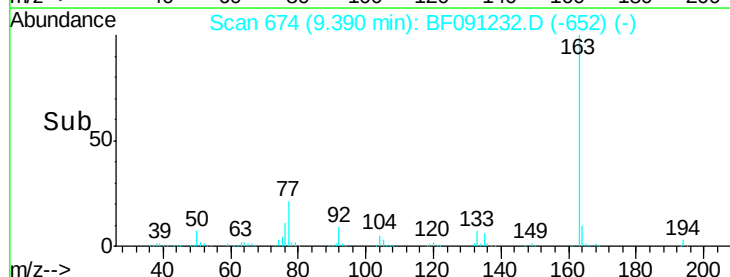
164 10.7 8.7 13.1

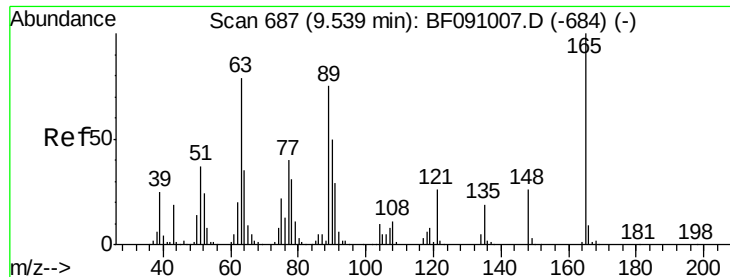


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

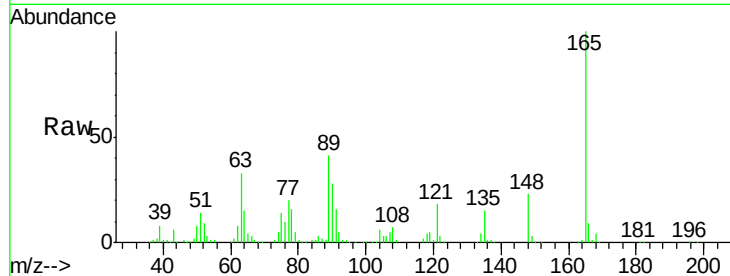




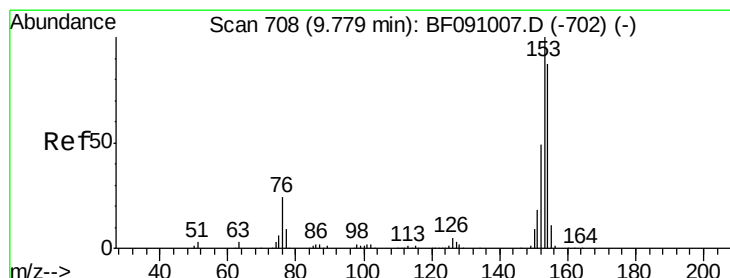
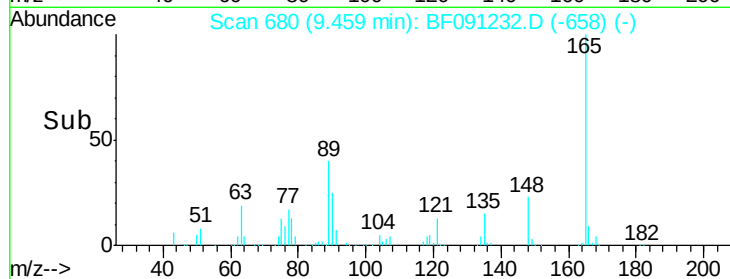
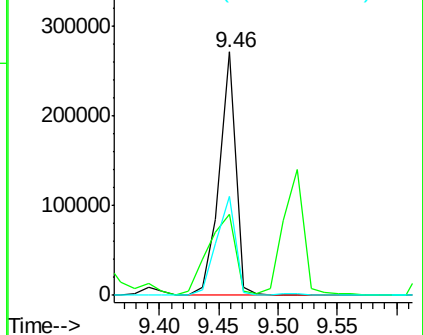
#50
 2,6-Dinitrotoluene
 Concen: 46.45 ng
 RT: 9.46 min Scan# 680
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 258682
 Ion Ratio Lower Upper
 165 100
 63 33.4 65.6 98.4#
 89 40.6 59.8 89.6#

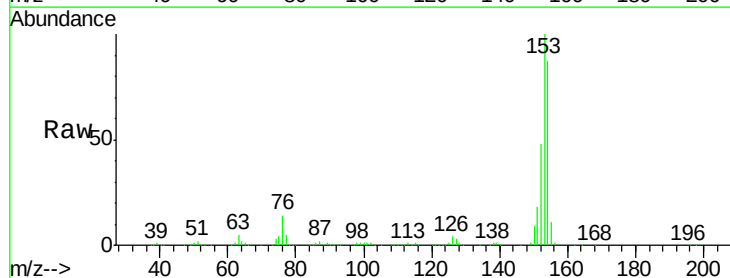


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

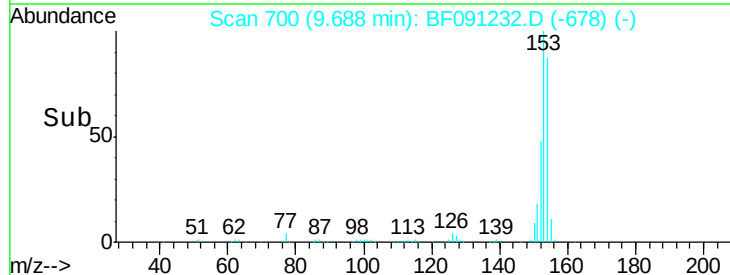
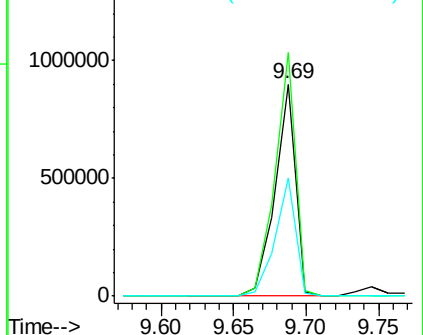


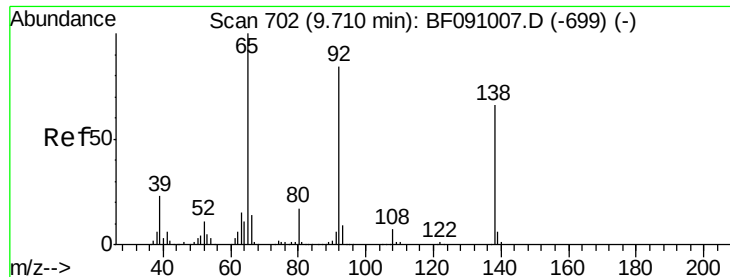
#51
 Acenaphthene
 Concen: 41.24 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion:154 Resp: 886430
 Ion Ratio Lower Upper
 154 100
 153 114.7 91.6 137.4
 152 55.5 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: 42.70 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

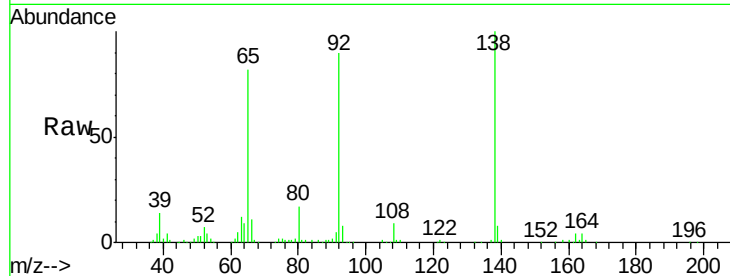
Tgt Ion:138 Resp: 281979

Ion Ratio Lower Upper

138 100

108 8.7 8.4 12.6

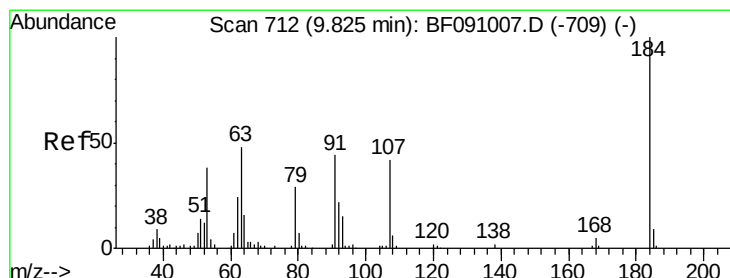
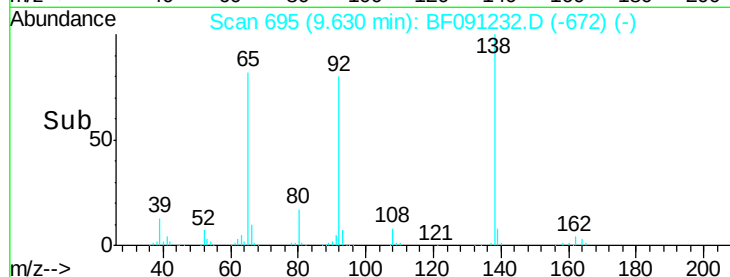
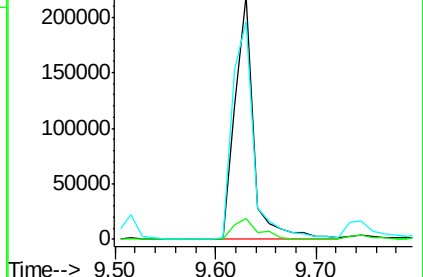
92 89.7 101.1 151.7#



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: 41.12 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

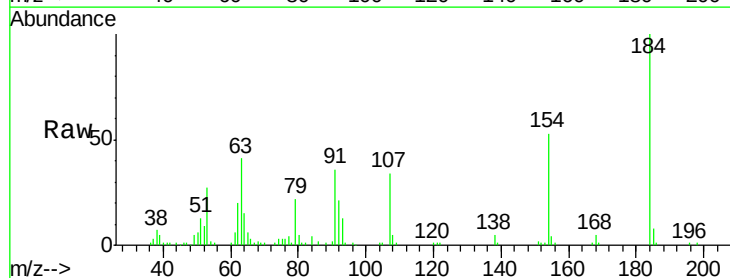
Tgt Ion:184 Resp: 114723

Ion Ratio Lower Upper

184 100

63 41.4 45.5 68.3#

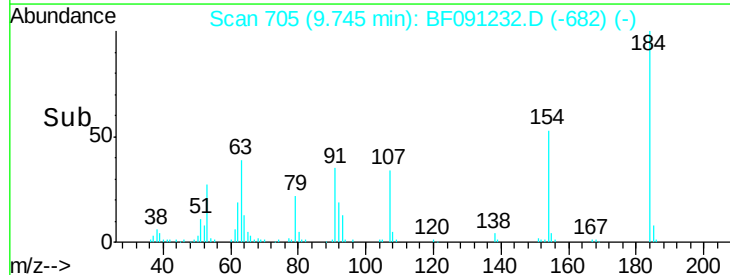
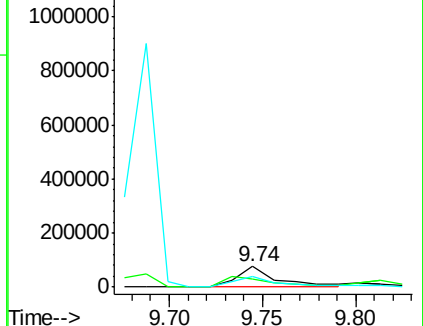
154 53.2 51.0 76.4

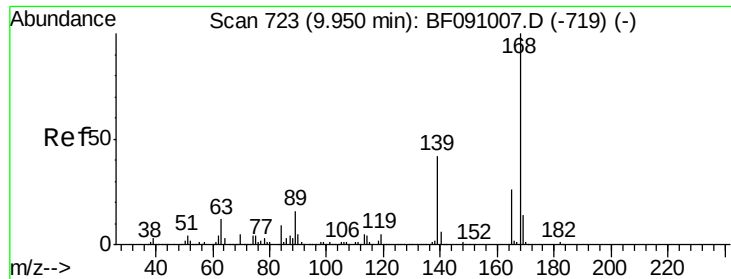


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 41.37 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

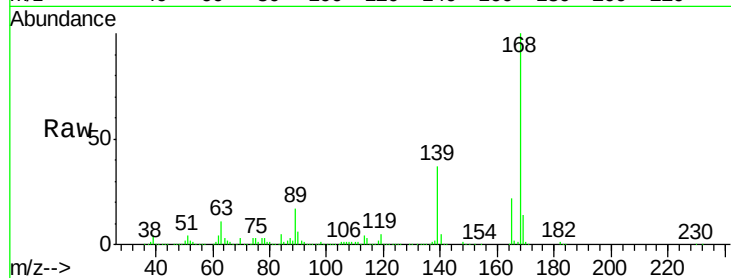
Tgt Ion:168 Resp: 1197027

Ion Ratio Lower Upper

168 100

139 37.4 34.8 52.2

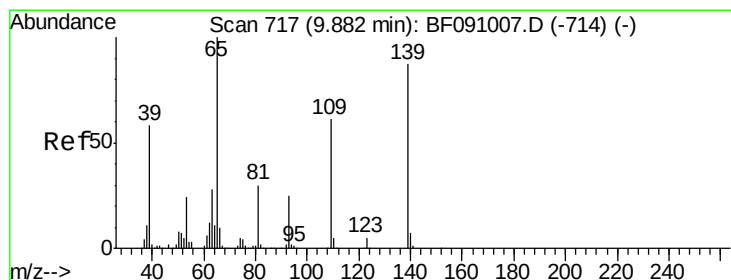
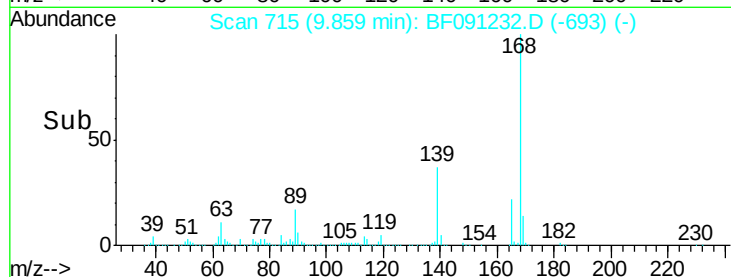
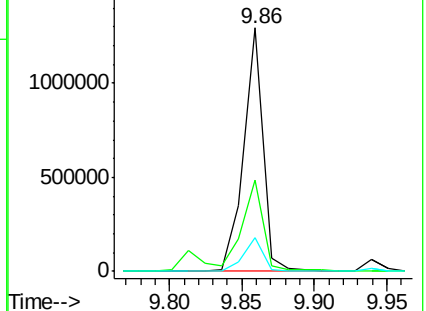
169 13.7 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 34.20 ng

RT: 9.81 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

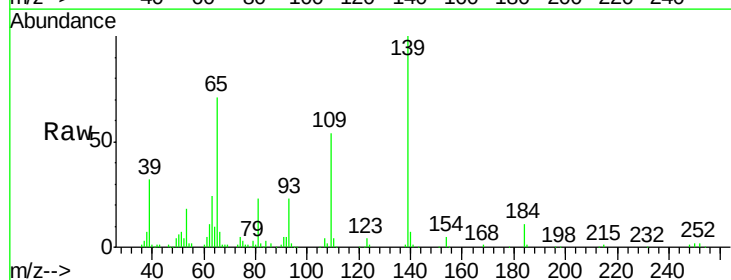
Tgt Ion:139 Resp: 134892

Ion Ratio Lower Upper

139 100

109 53.9 50.5 90.5

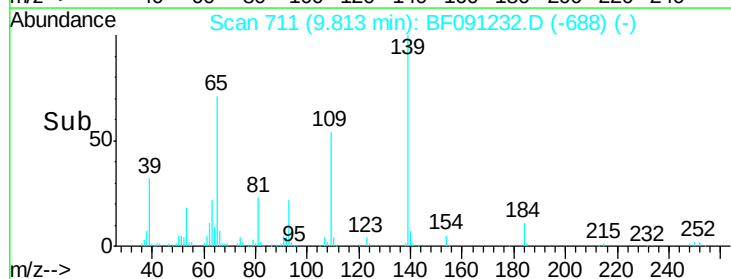
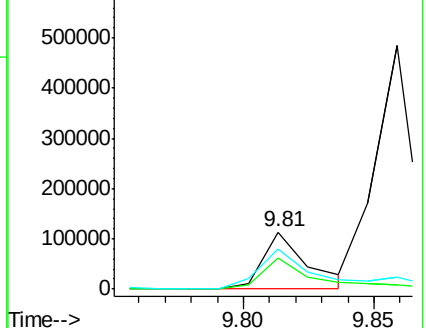
65 71.4 97.1 137.1#

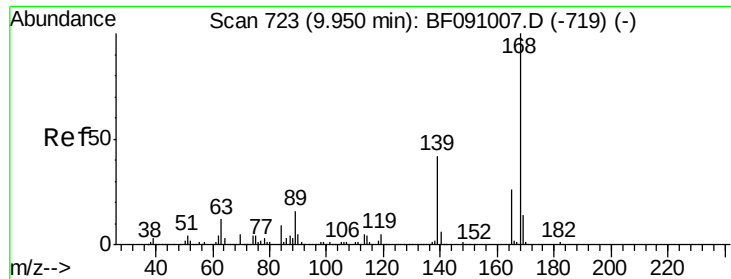


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

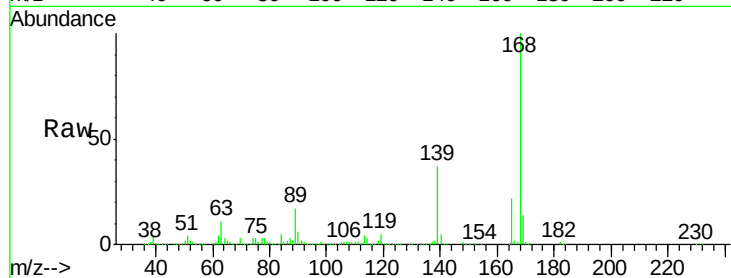




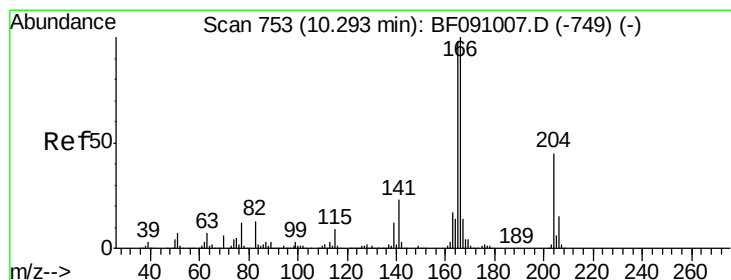
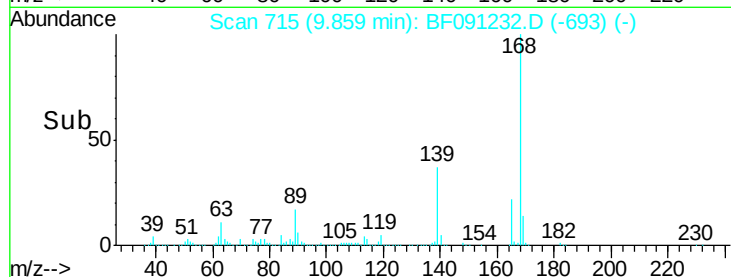
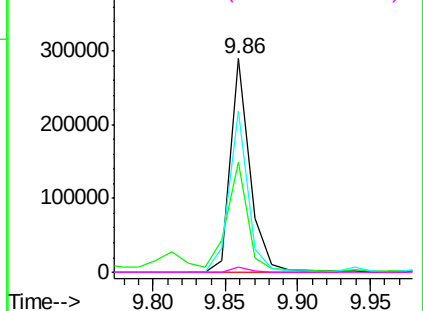
#56
2,4-Dinitrotoluene
Concen: 38.30 ng
RT: 9.86 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 271385
Ion Ratio Lower Upper
165 100
63 51.4 38.7 58.1
89 75.8 50.6 76.0
182 2.4 1.8 2.8

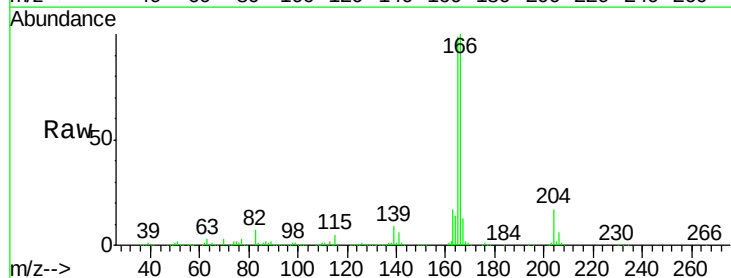


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

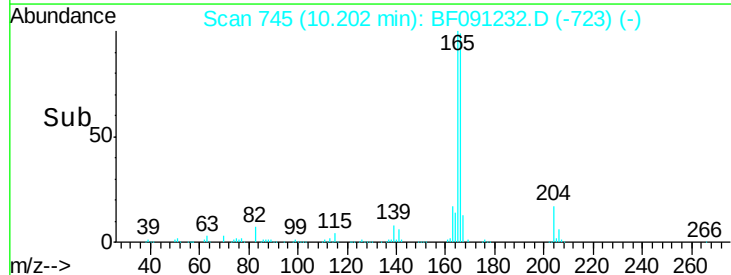
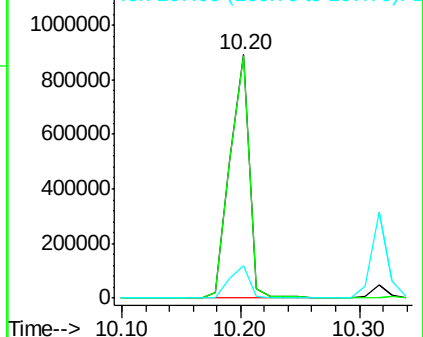


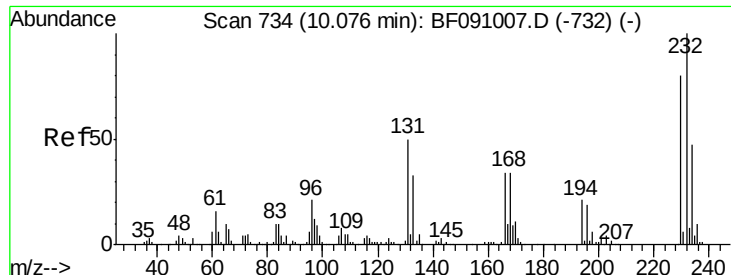
#57
Fluorene
Concen: 42.45 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion:166 Resp: 1004111
Ion Ratio Lower Upper
166 100
165 99.4 78.6 118.0
167 13.3 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

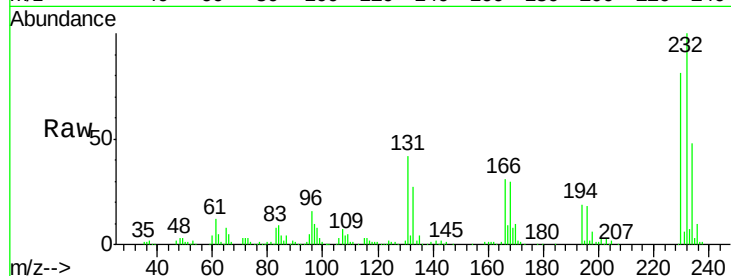




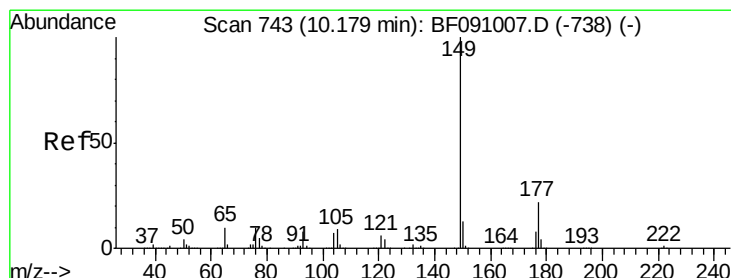
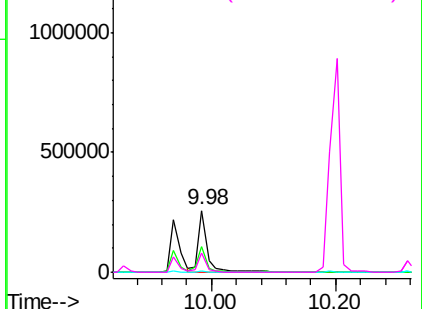
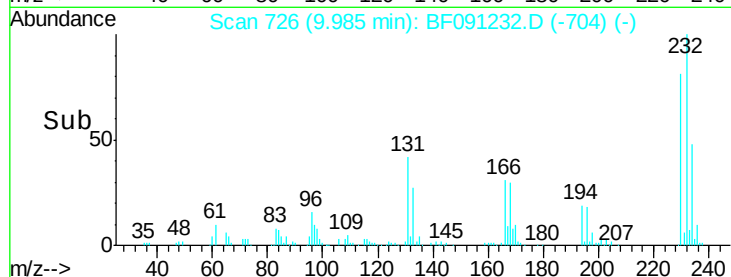
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.16 ng
 RT: 9.98 min Scan# 726
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 232 Resp: 258376
 Ion Ratio Lower Upper
 232 100
 131 42.8 43.6 65.4#
 130 1.8 2.0 3.0#
 166 28.9 27.4 41.2

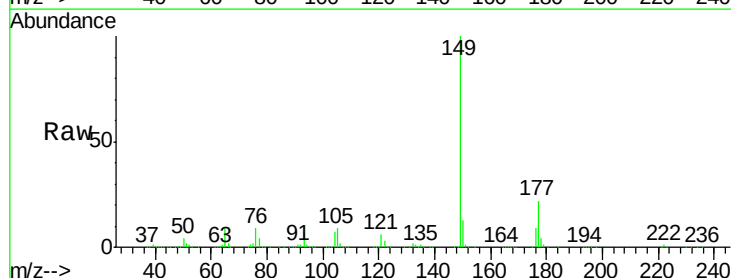


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

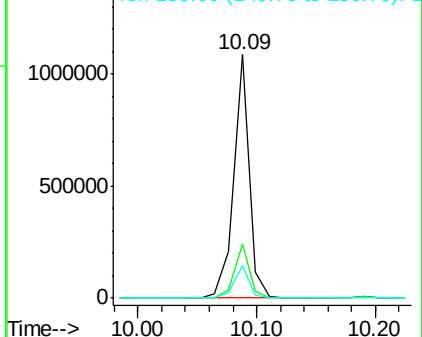
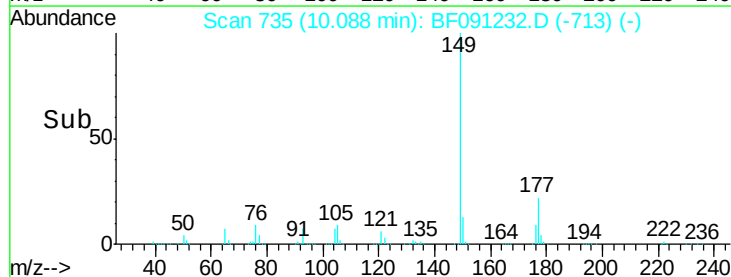


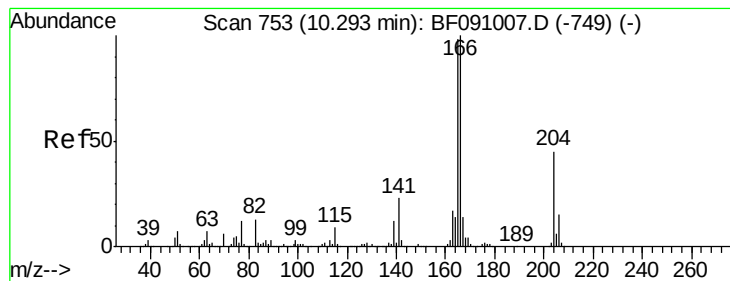
#59
 Diethylphthalate
 Concen: 37.12 ng
 RT: 10.09 min Scan# 735
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion: 149 Resp: 989005
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.3 25.9
 150 13.1 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 40.49 ng

RT: 10.19 min Scan# 744

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

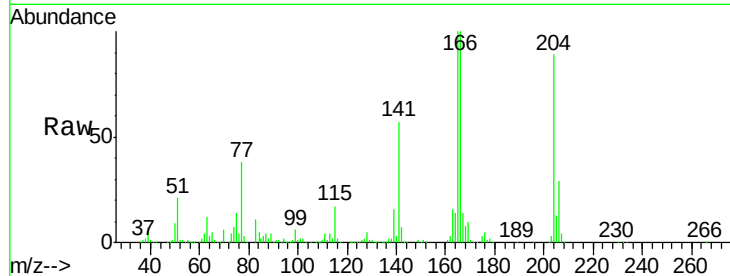
Tgt Ion:204 Resp: 435846

Ion Ratio Lower Upper

204 100

206 32.8 27.1 40.7

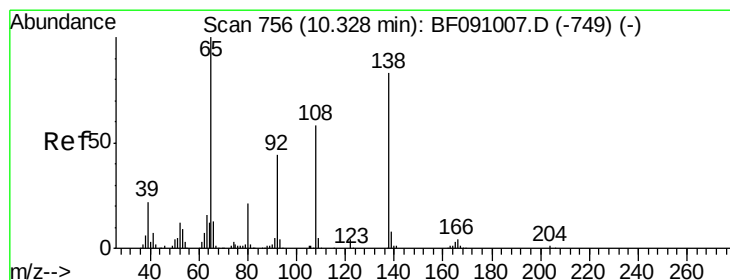
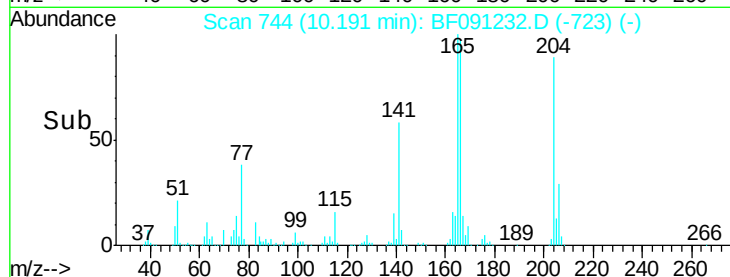
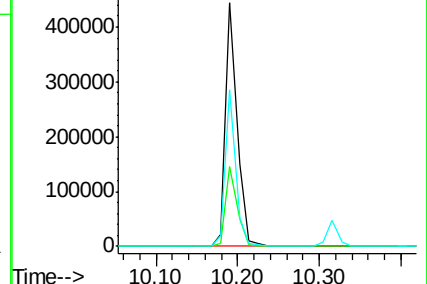
141 64.5 40.1 60.1#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 39.37 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

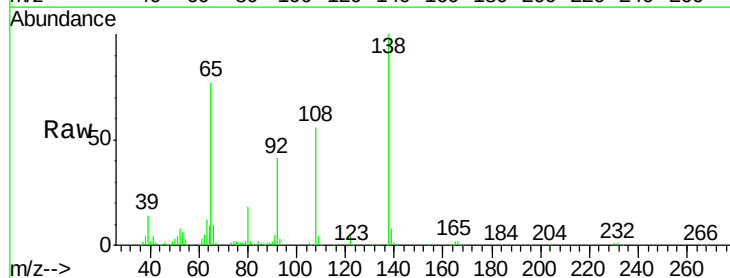
Tgt Ion:138 Resp: 263026

Ion Ratio Lower Upper

138 100

92 41.1 32.5 72.5

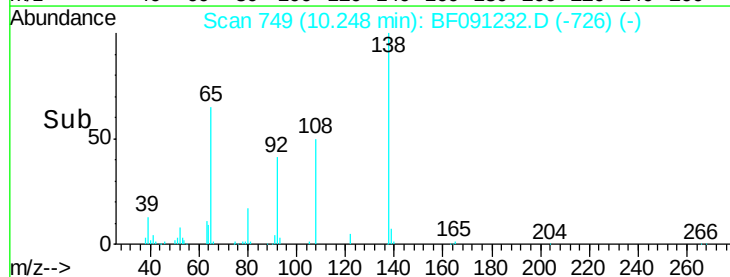
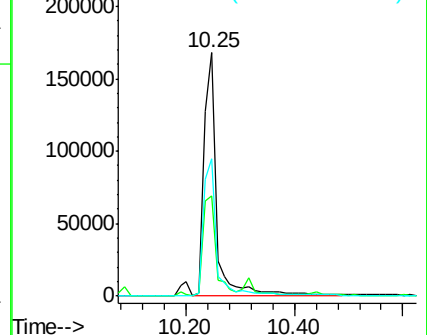
108 56.4 49.4 89.4

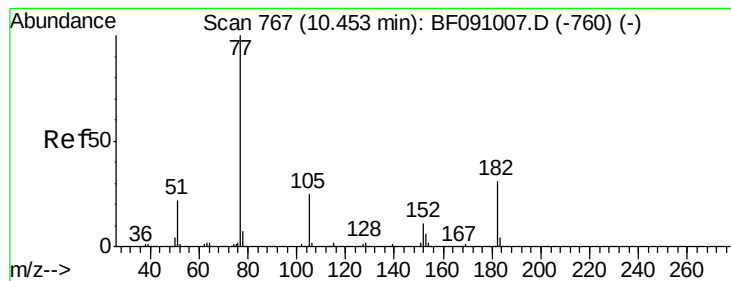


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 28.47 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 892929

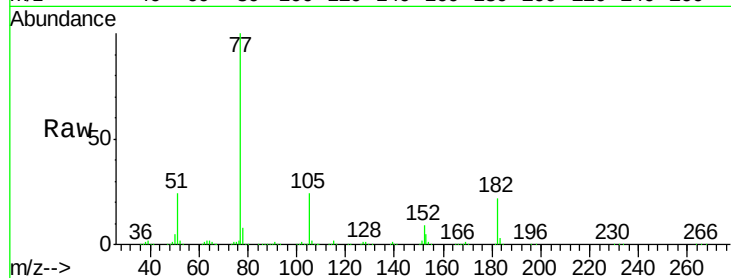
Ion Ratio Lower Upper

77 100

182 22.4 11.0 51.0

105 24.3 5.6 45.6

51 23.8 2.7 42.7

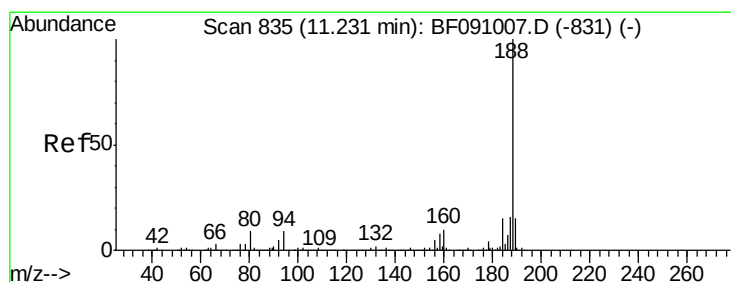
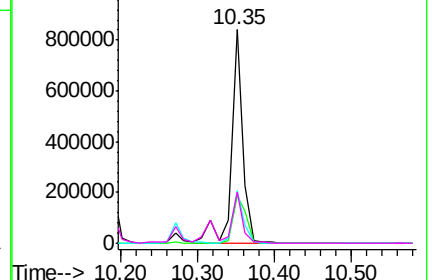
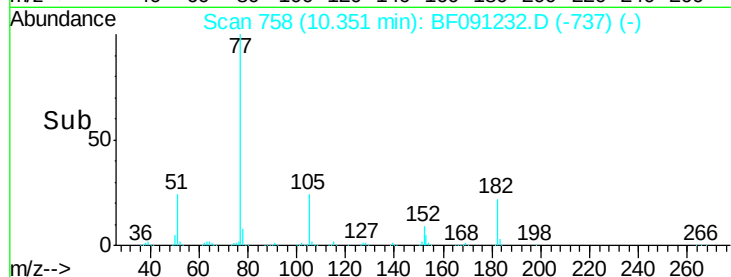


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.13 min Scan# 826

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

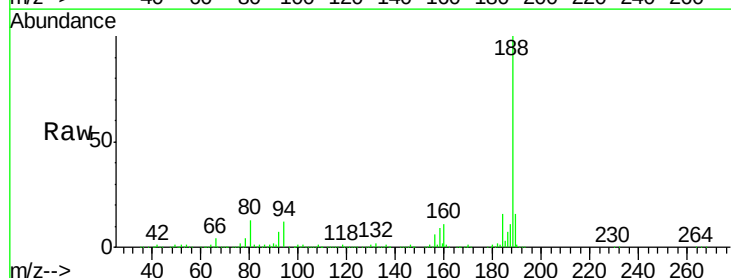
Tgt Ion: 188 Resp: 694920

Ion Ratio Lower Upper

188 100

94 11.7 7.0 10.4#

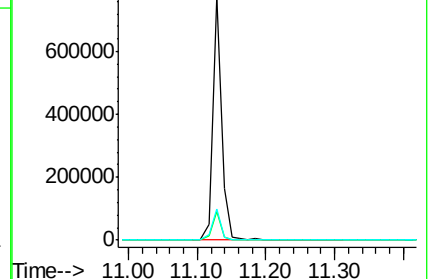
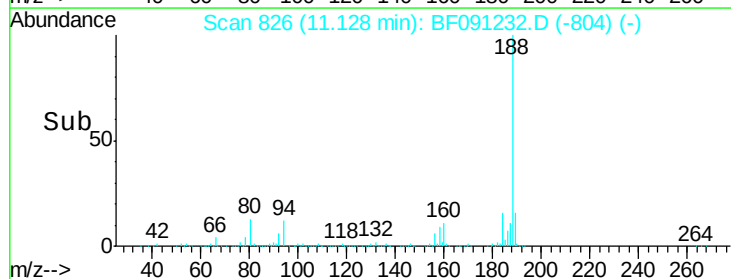
80 13.0 7.5 11.3#

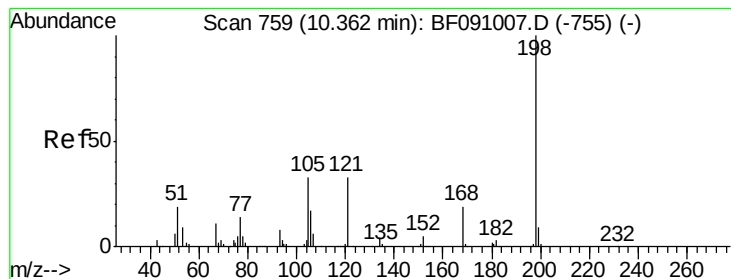


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 43.84 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

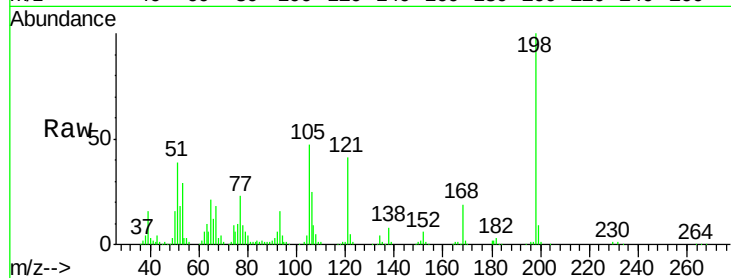
Tgt Ion:198 Resp: 186571

Ion Ratio Lower Upper

198 100

51 38.6 5.9 45.9

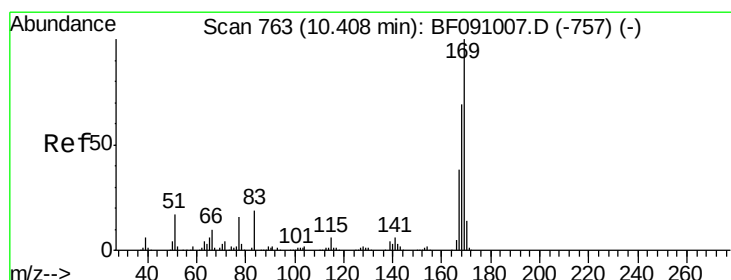
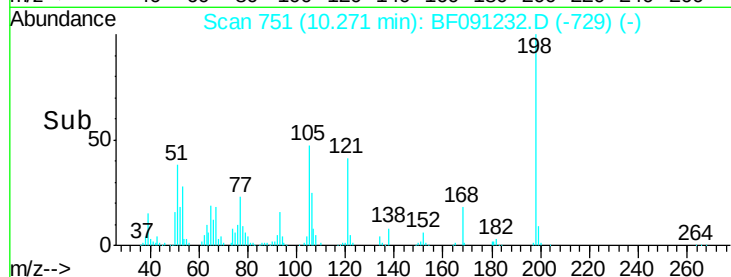
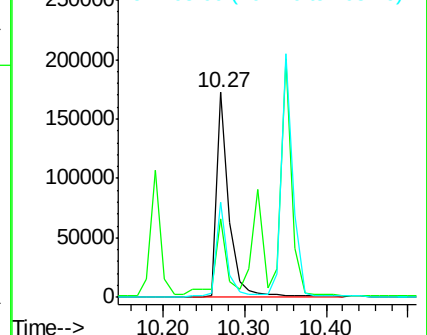
105 46.5 13.8 53.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.70 ng

RT: 10.32 min Scan# 755

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

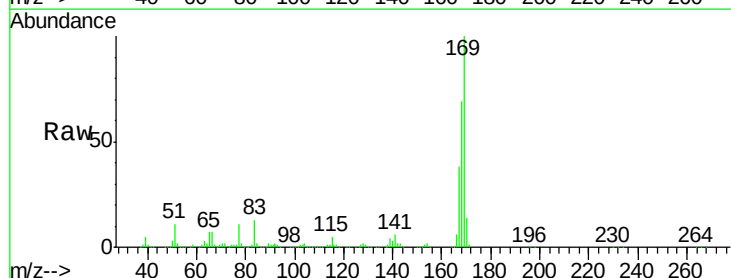
Tgt Ion:169 Resp: 788457

Ion Ratio Lower Upper

169 100

168 69.0 55.3 82.9

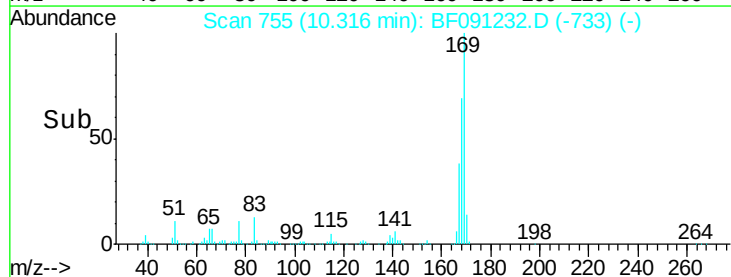
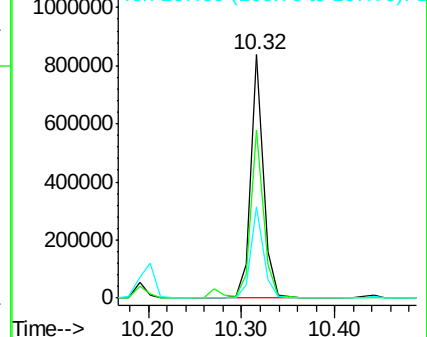
167 37.7 30.3 45.5

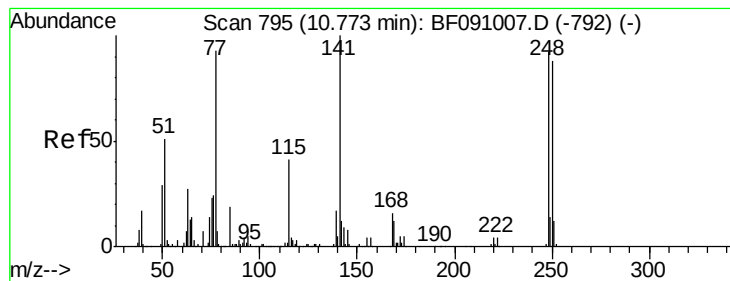


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 46.66 ng

RT: 10.68 min Scan# 787

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

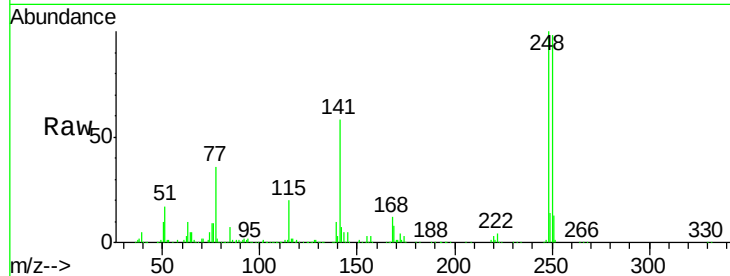
Tgt Ion:248 Resp: 337261

Ion Ratio Lower Upper

248 100

250 97.6 76.3 114.5

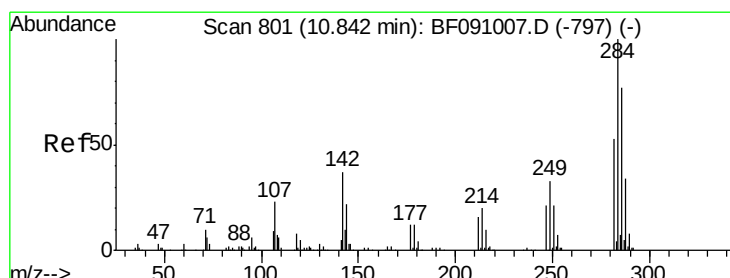
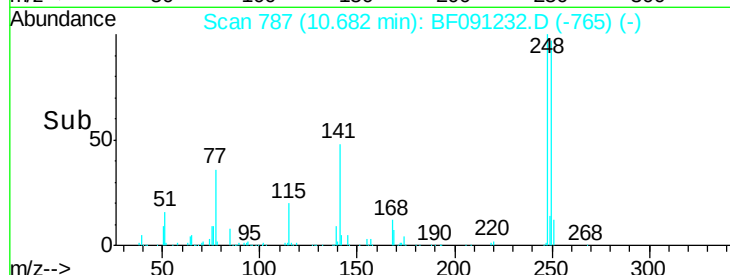
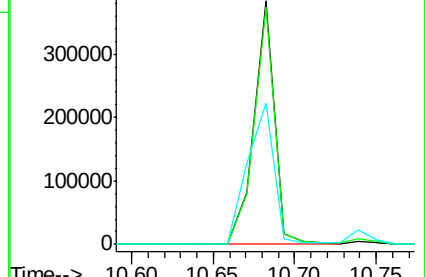
141 58.0 86.8 130.2#



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: 44.36 ng

RT: 10.74 min Scan# 792

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

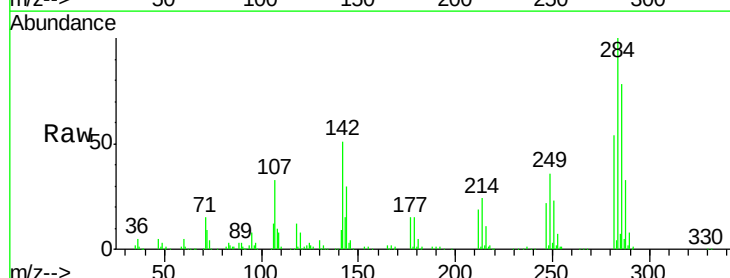
Tgt Ion:284 Resp: 353645

Ion Ratio Lower Upper

284 100

142 50.7 29.9 44.9#

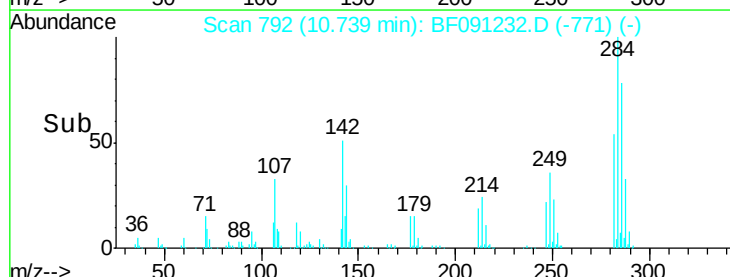
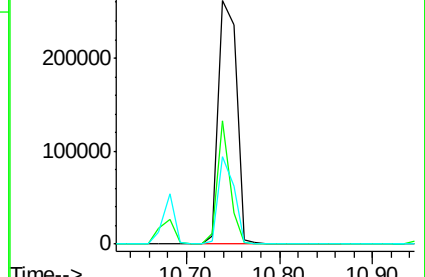
249 35.9 26.6 39.8

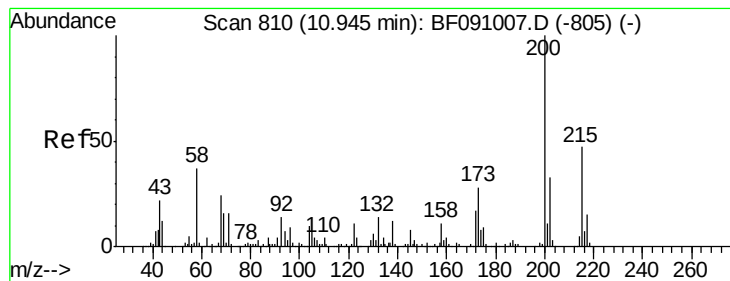


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 39.54 ng

RT: 10.85 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

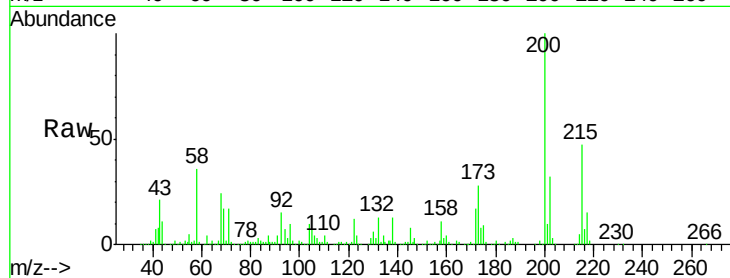
Tgt Ion:200 Resp: 251927

Ion Ratio Lower Upper

200 100

173 28.2 8.1 48.1

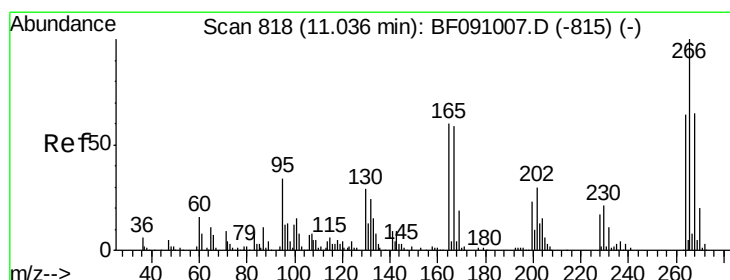
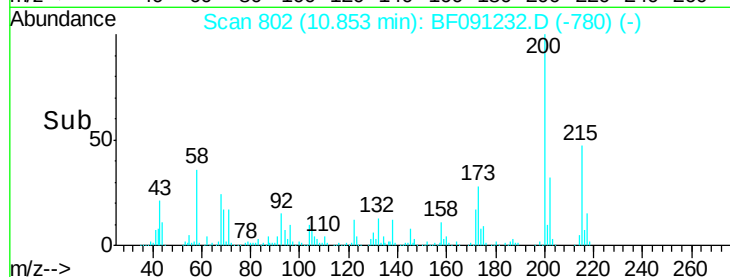
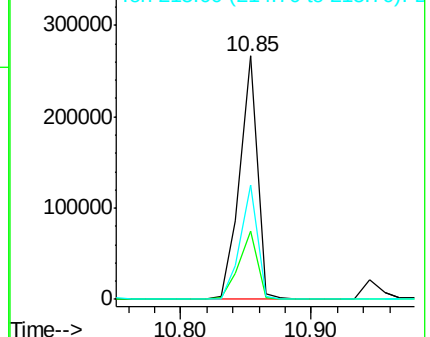
215 47.0 27.3 67.3



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: 37.43 ng

RT: 10.94 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

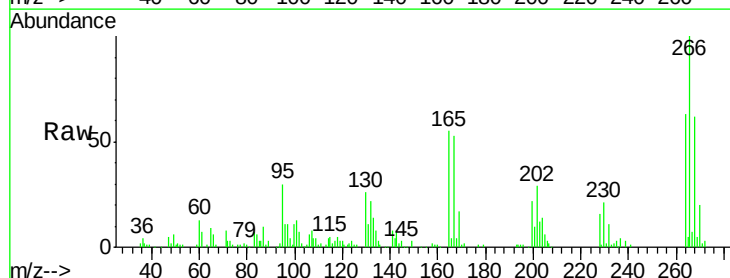
Tgt Ion:266 Resp: 132155

Ion Ratio Lower Upper

266 100

268 62.1 52.1 78.1

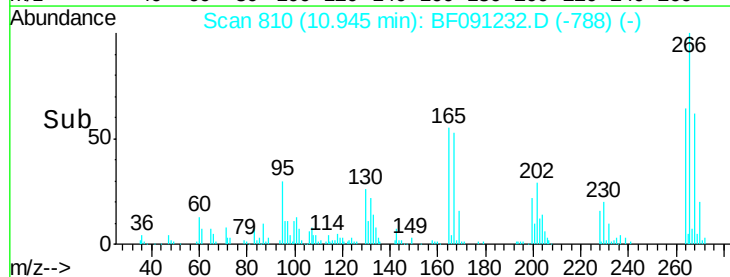
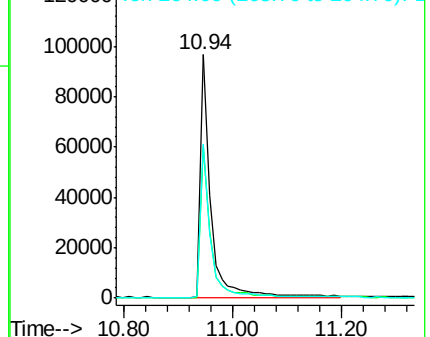
264 63.3 51.1 76.7

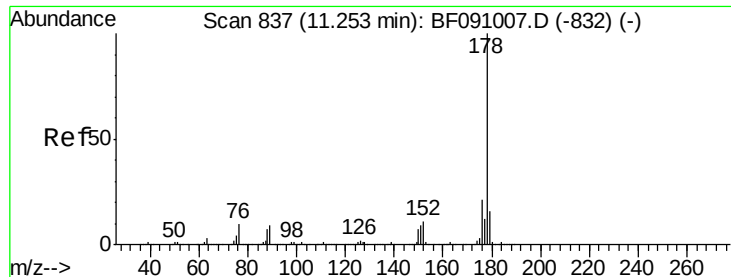


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

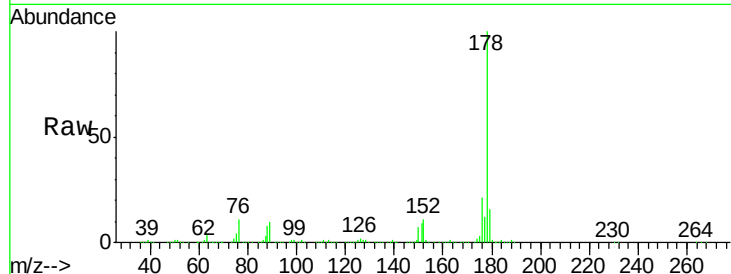




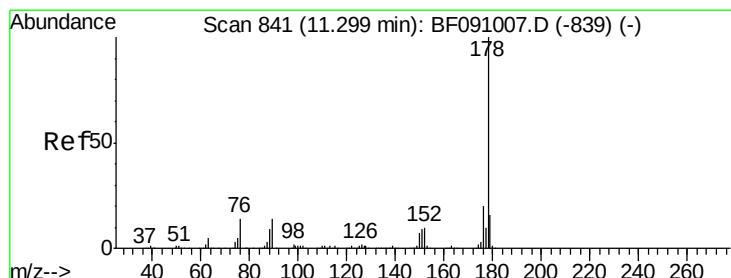
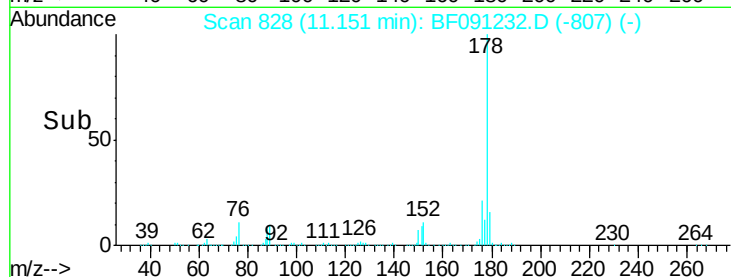
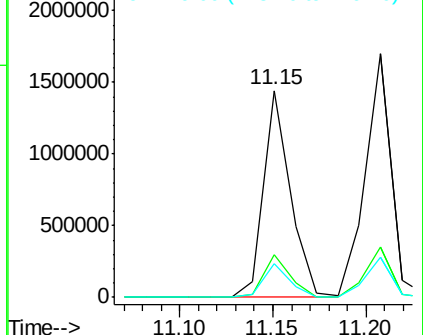
#70
Phenanthrene
Concen: 38.80 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1433472
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.3 12.9 19.3

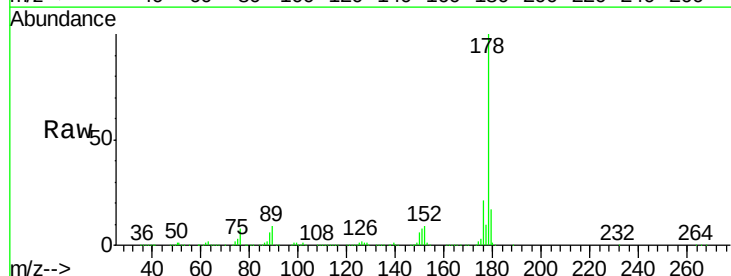


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

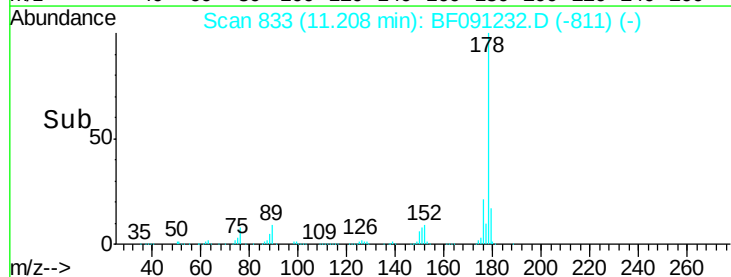
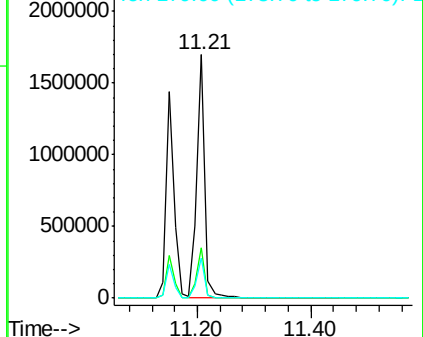


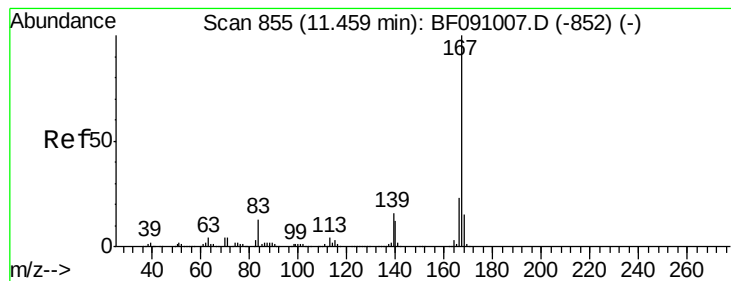
#71
Anthracene
Concen: 42.10 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion:178 Resp: 1653250
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 16.5 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: 40.04 ng

RT: 11.37 min Scan# 847

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

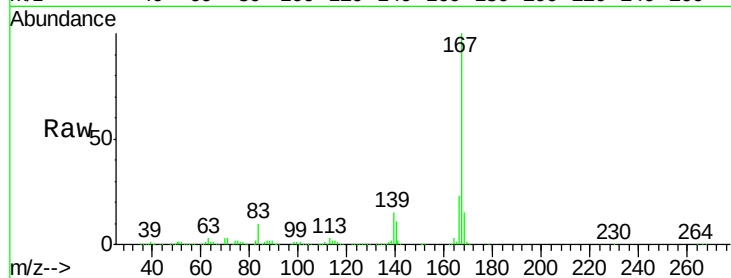
Tgt Ion:167 Resp: 1417310

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

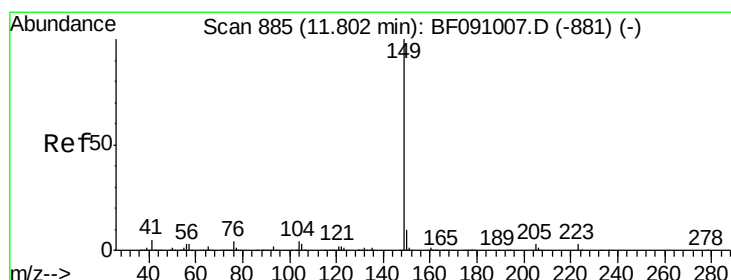
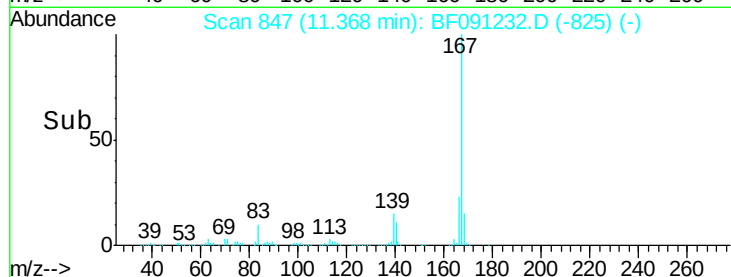
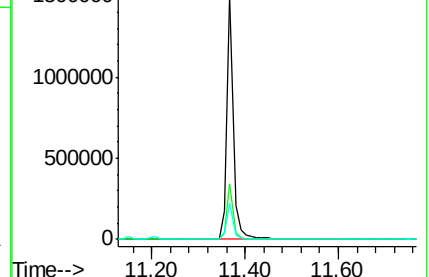
139 14.9 12.6 18.8



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: 38.66 ng

RT: 11.70 min Scan# 876

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

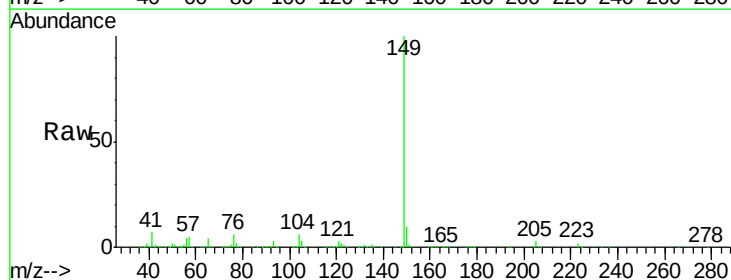
Tgt Ion:149 Resp: 1720787

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

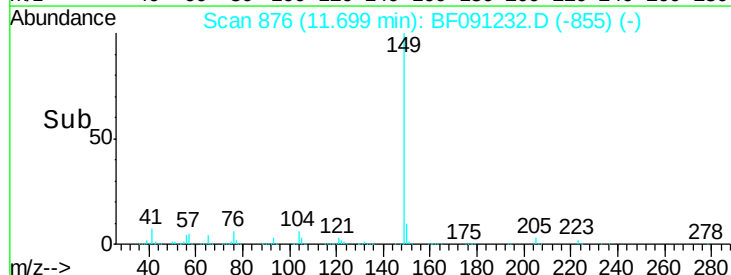
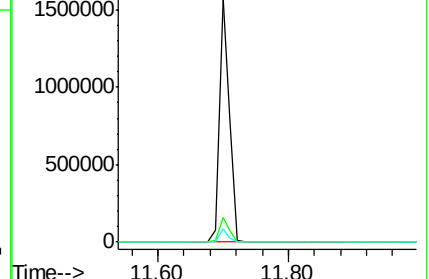
104 5.6 3.6 5.4#

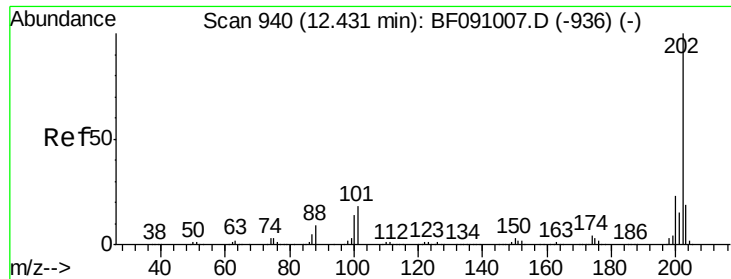


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

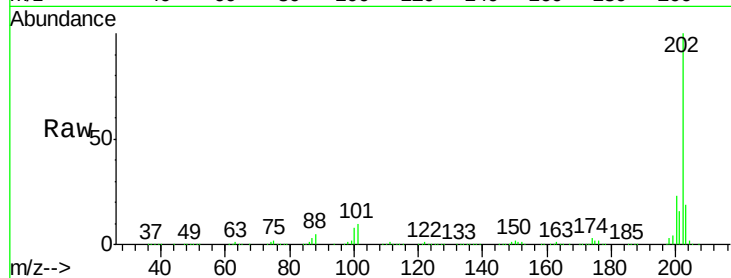




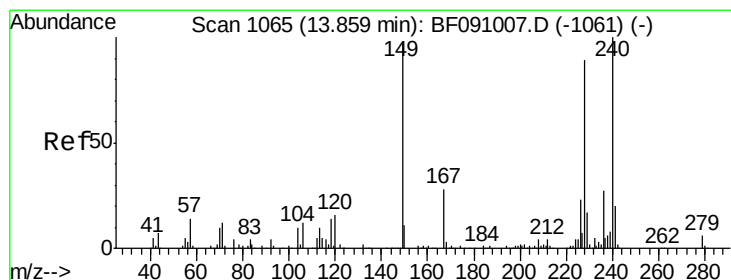
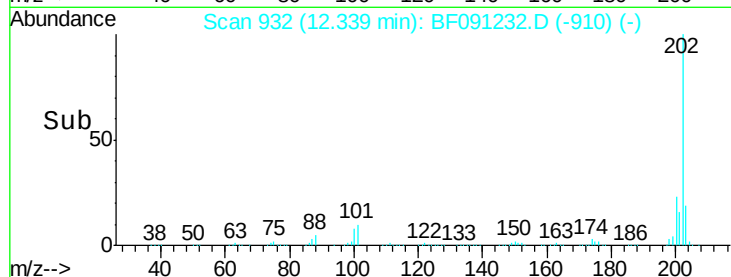
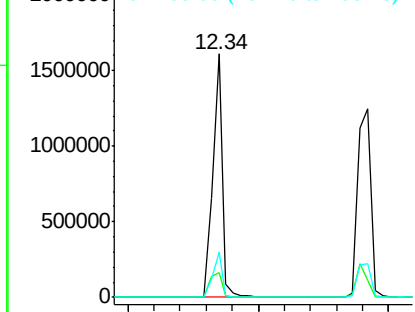
#74
 Fluoranthene
 Concen: 43.49 ng
 RT: 12.34 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1666274
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 37.6
 203 18.8 0.0 38.6

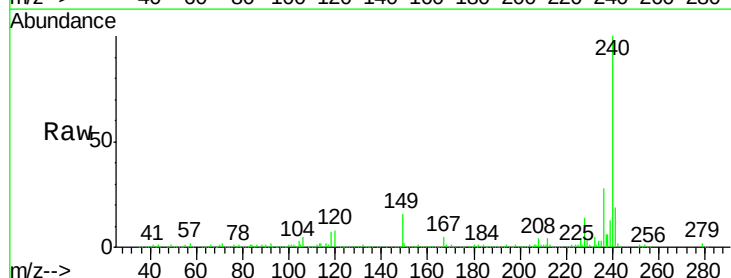


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

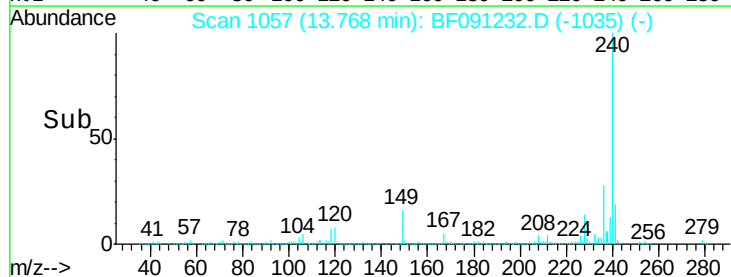
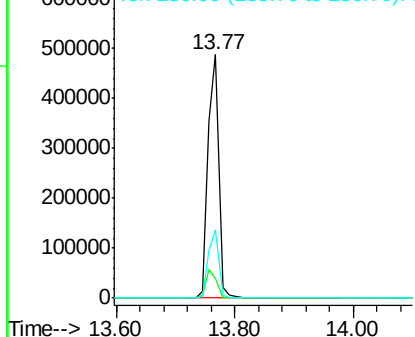


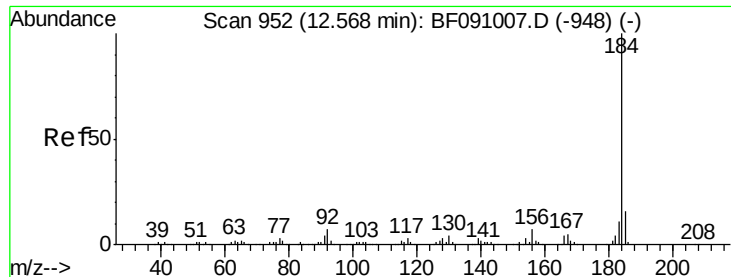
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.05 min
 Lab File: BF091232.D
 Acq: 18 Nov 2016 13:40

Tgt Ion:240 Resp: 613770
 Ion Ratio Lower Upper
 240 100
 120 7.8 12.9 19.3#
 236 28.0 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: 31.59 ng

RT: 12.47 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

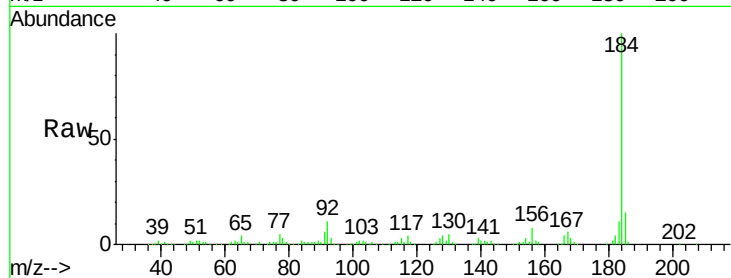
Tgt Ion:184 Resp: 433140

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.4

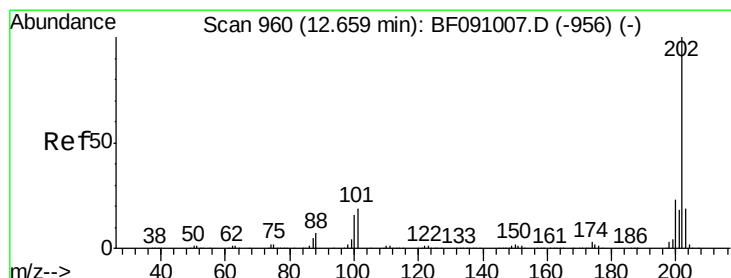
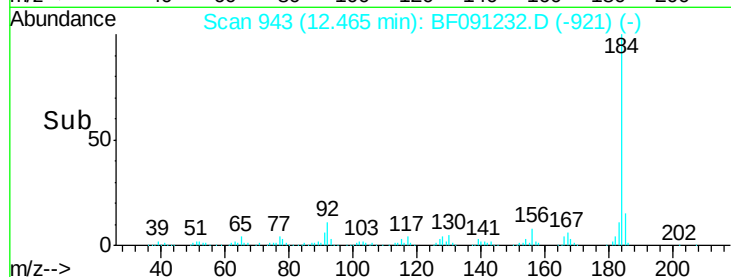
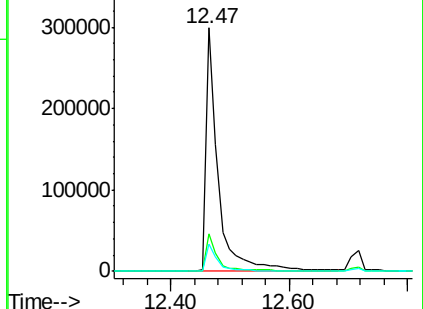
183 11.3 8.7 13.1



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

Pyrene

Concen: 41.99 ng

RT: 12.57 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

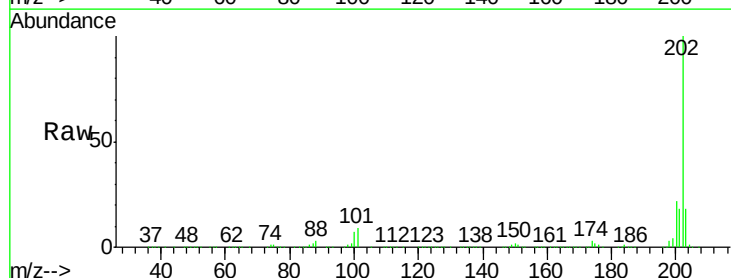
Tgt Ion:202 Resp: 1687767

Ion Ratio Lower Upper

202 100

200 22.4 18.4 27.6

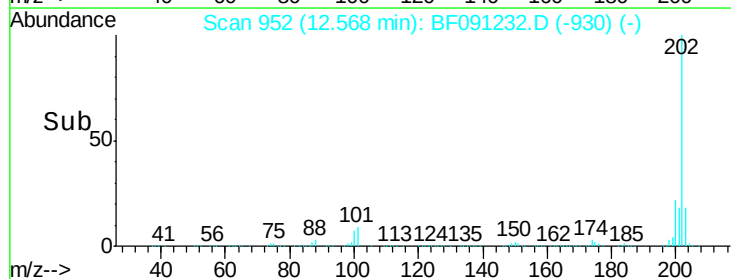
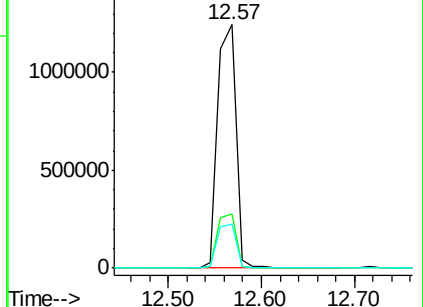
203 18.0 15.0 22.6

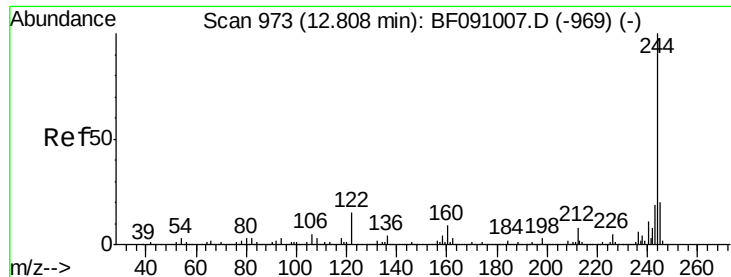


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.64 ng

RT: 12.72 min Scan# 965

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1958744

Ion Ratio Lower Upper

244 100

212 7.6

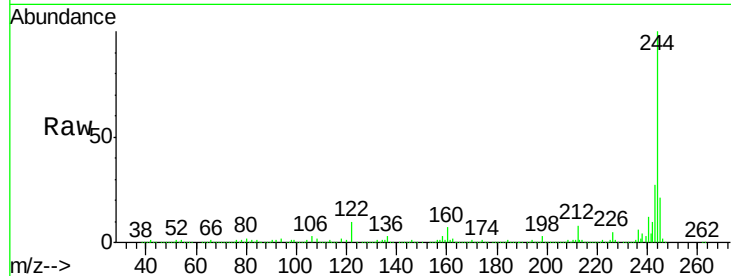
6.4

9.6

122 10.2

12.3

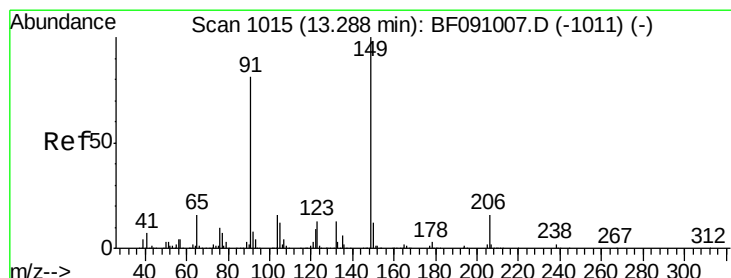
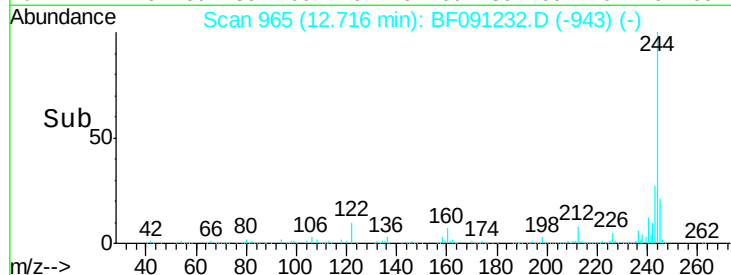
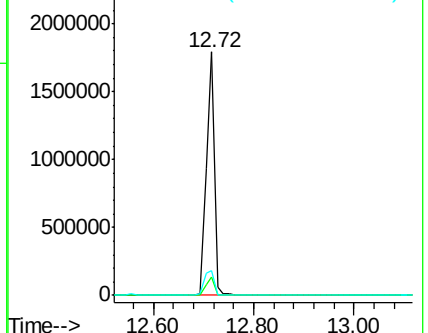
18.5#



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: 41.64 ng

RT: 13.20 min Scan# 1007

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Tgt Ion:149 Resp: 800676

Ion Ratio Lower Upper

149 100

91 59.2

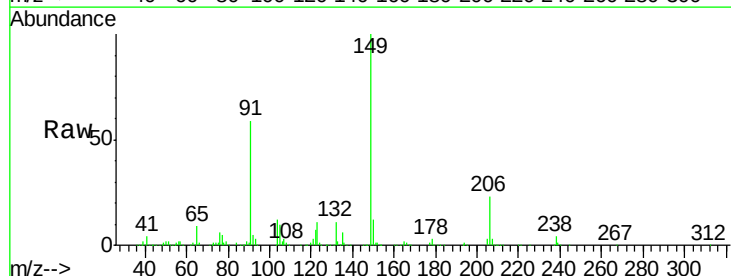
65.0

97.4#

206 22.7

12.5

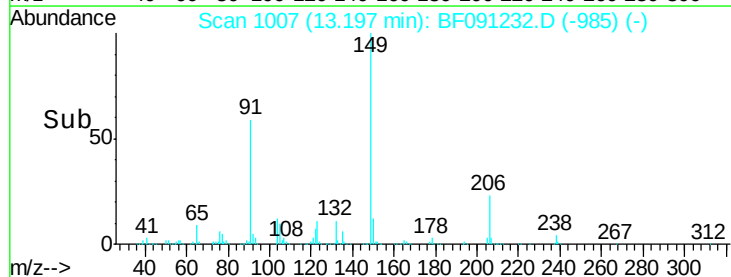
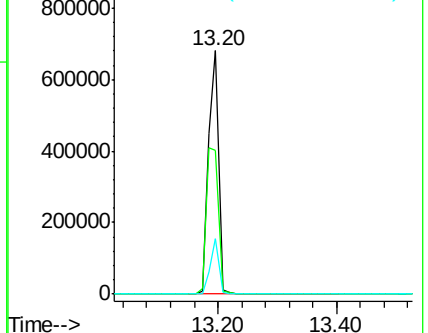
18.7#

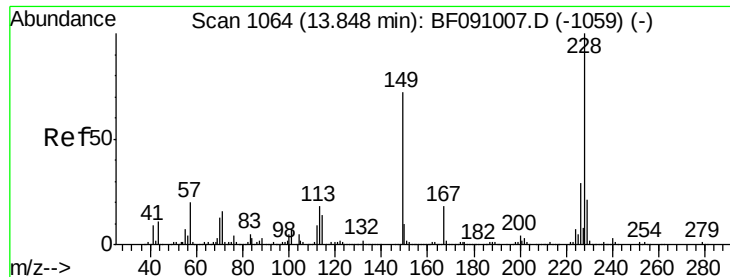


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.00 ng

RT: 13.75 min Scan# 1055

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

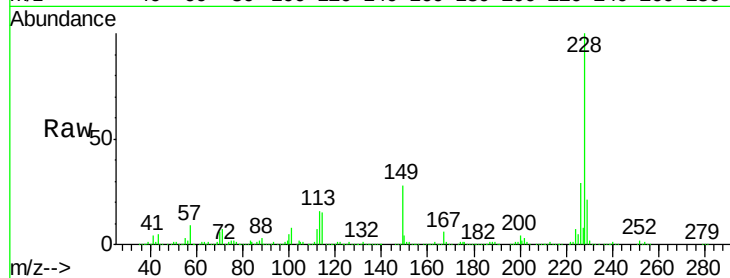
Tgt Ion:228 Resp: 1358918

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

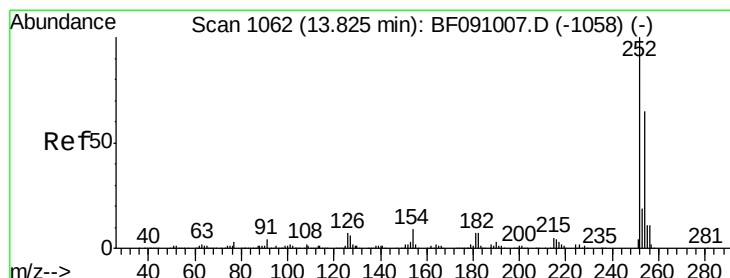
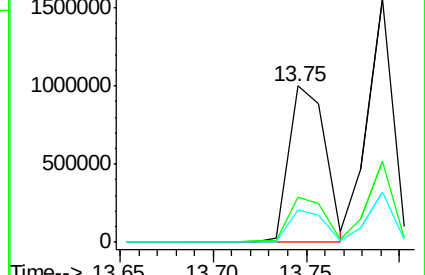
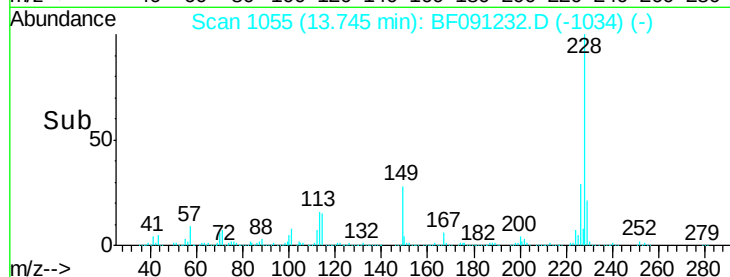
229 20.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 45.11 ng

RT: 13.72 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

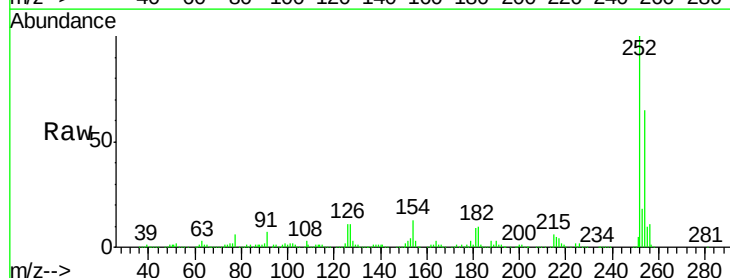
Tgt Ion:252 Resp: 552330

Ion Ratio Lower Upper

252 100

254 65.0 52.0 78.0

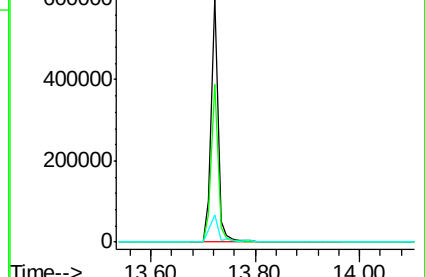
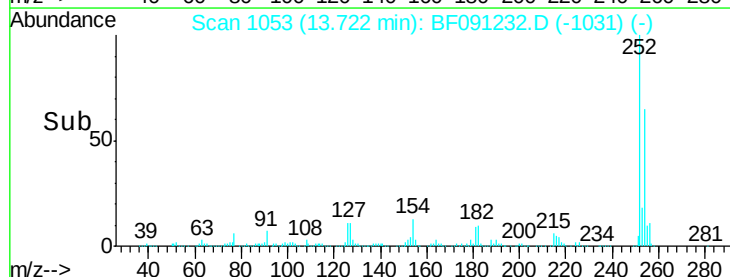
126 11.1 5.4 8.2#

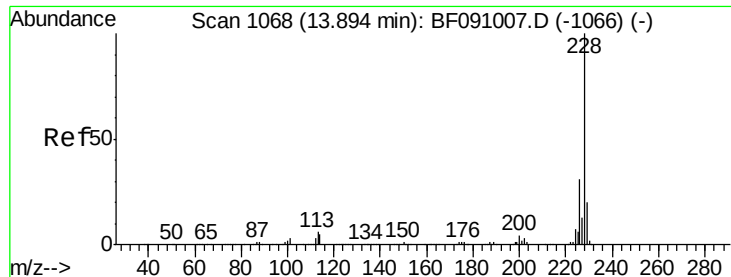


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.80 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

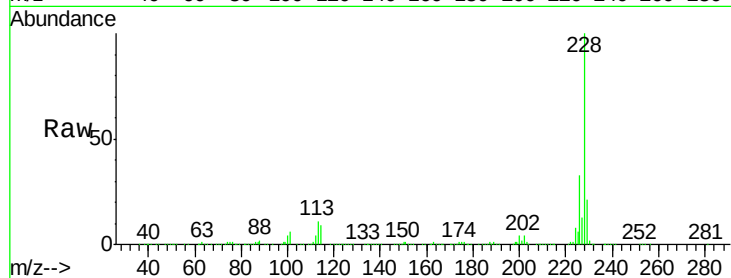
Tgt Ion:228 Resp: 1505139

Ion Ratio Lower Upper

228 100

226 33.1 24.9 37.3

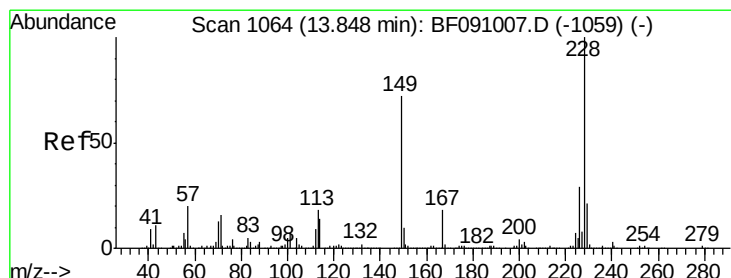
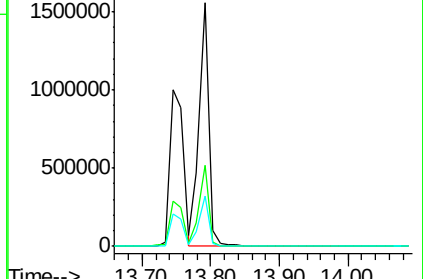
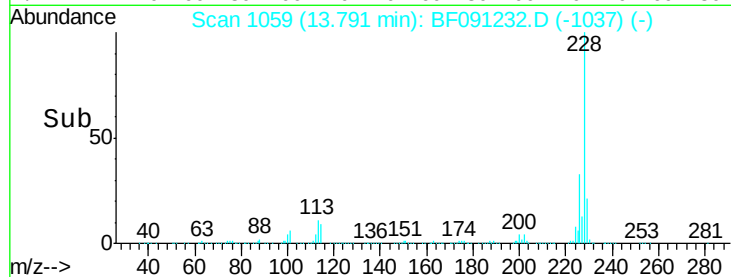
229 20.6 15.9 23.9



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: 36.57 ng

RT: 13.76 min Scan# 1056

Delta R.T. -0.05 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

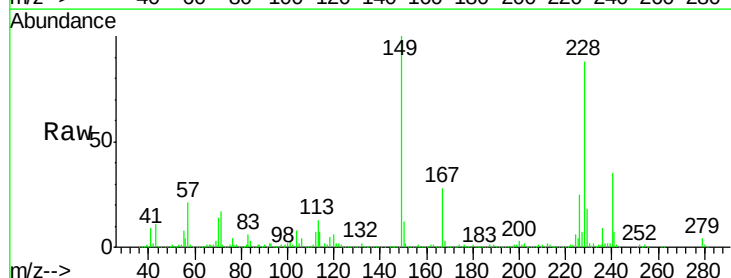
Tgt Ion:149 Resp: 951612

Ion Ratio Lower Upper

149 100

167 27.9 20.4 30.6

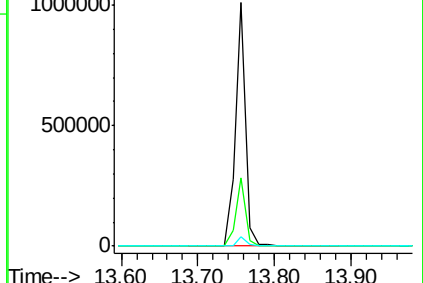
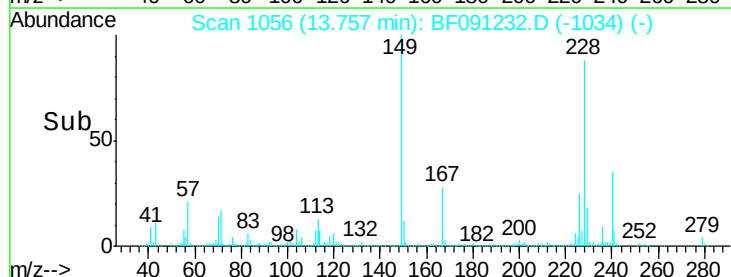
279 3.7 1.6 2.4#

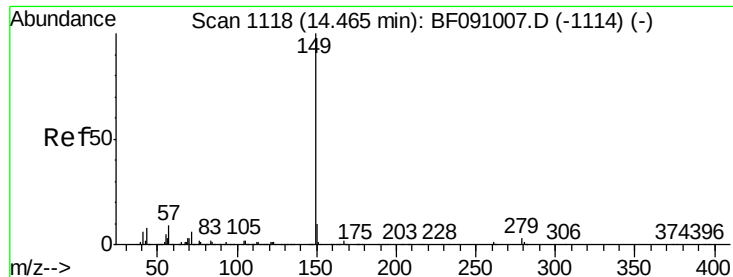


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.34 ng

RT: 14.36 min Scan# 1109

Delta R.T. -0.06 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

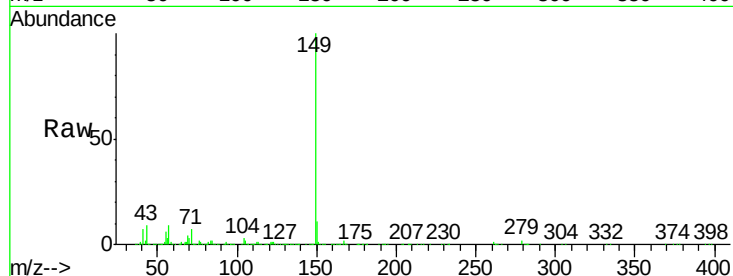
Tgt Ion:149 Resp: 1640320

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

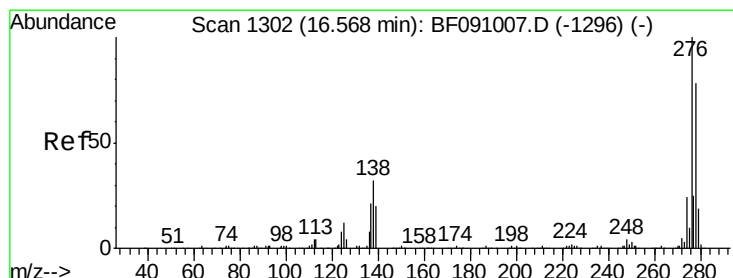
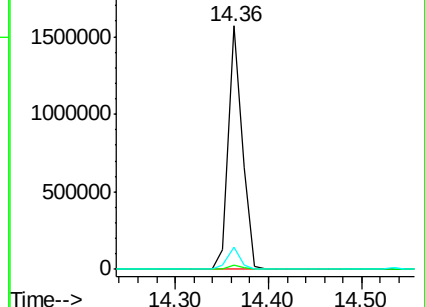
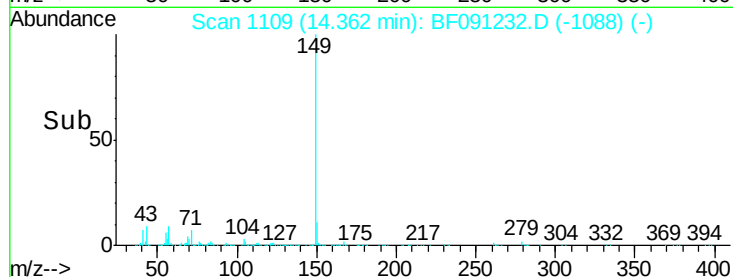
43 8.8 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.74 ng

RT: 16.40 min Scan# 1287

Delta R.T. -0.08 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

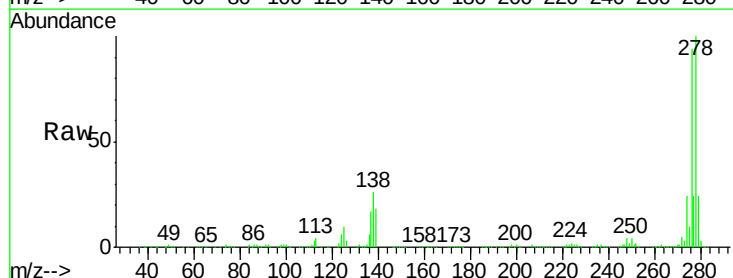
Tgt Ion:276 Resp: 1132936

Ion Ratio Lower Upper

276 100

138 29.3 26.0 39.0

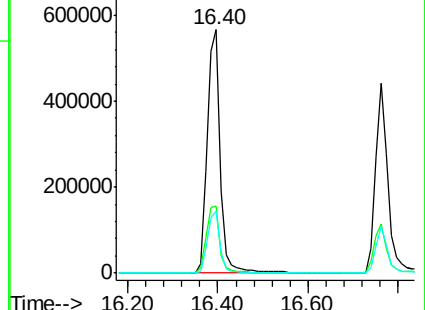
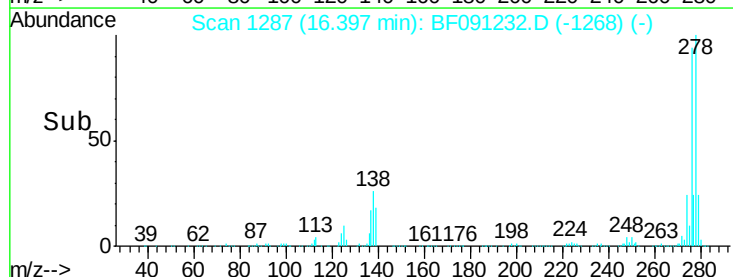
277 25.1 20.1 30.1

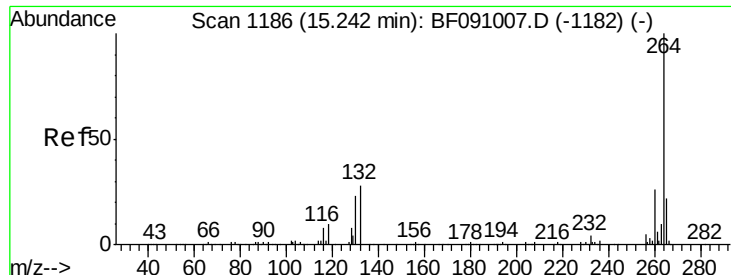


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

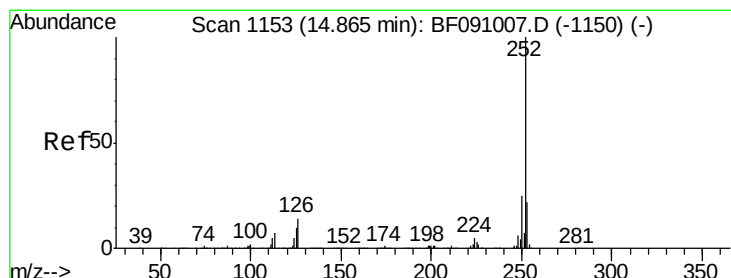
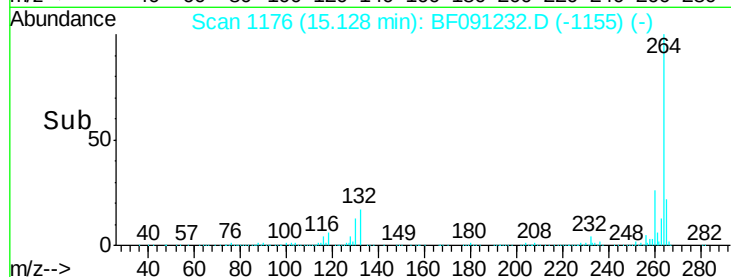
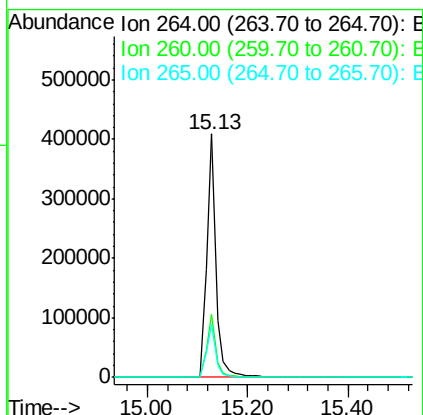
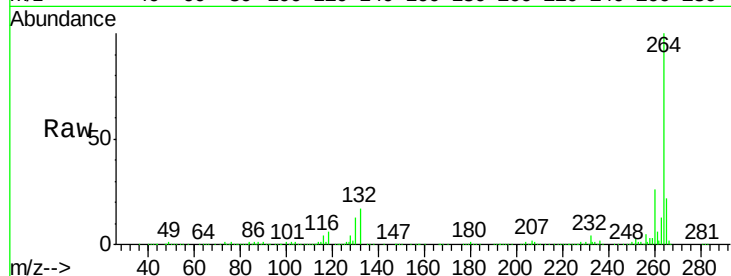




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

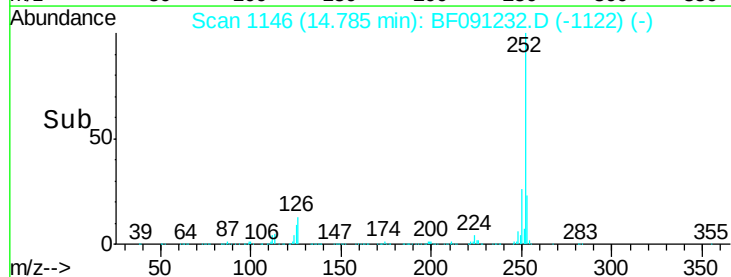
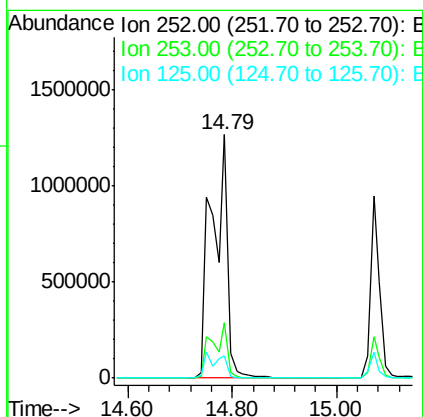
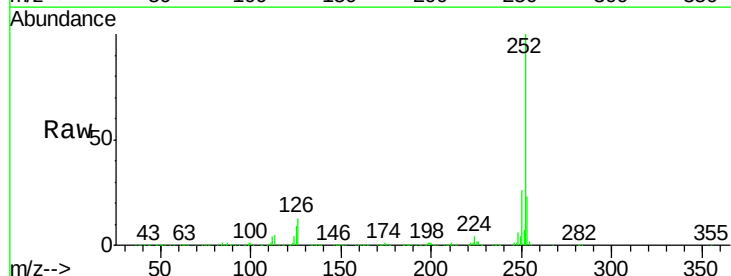
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

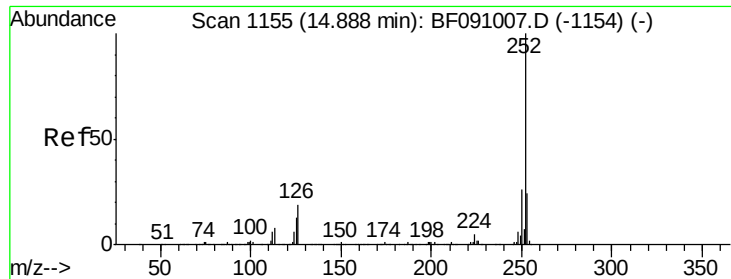
Tgt Ion:264 Resp: 517900
Ion Ratio Lower Upper
264 100
260 25.8 20.6 30.8
265 21.9 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 76.88 ng
RT: 14.79 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion:252 Resp: 2700545
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 8.9 8.3 12.5

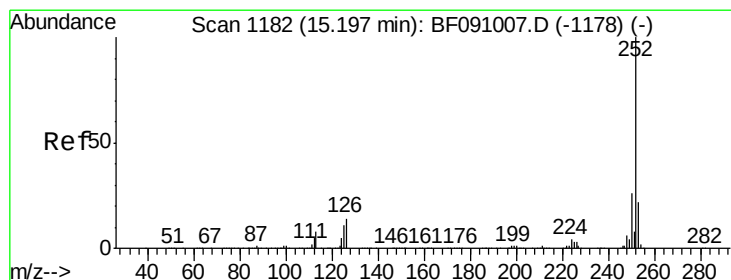
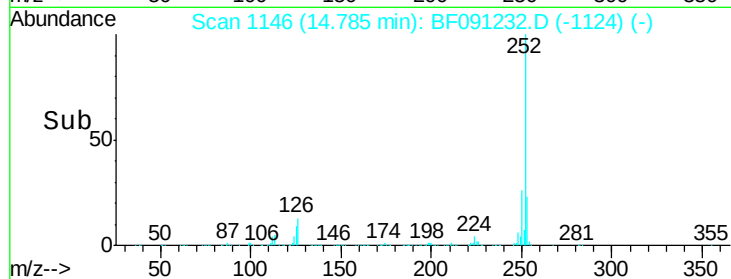
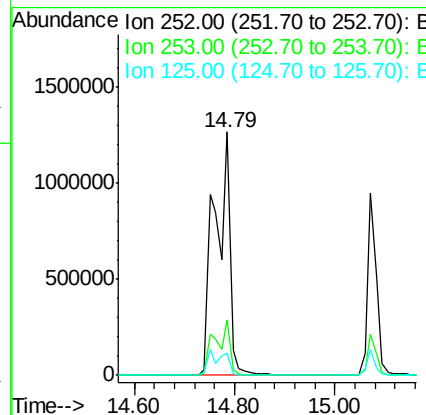
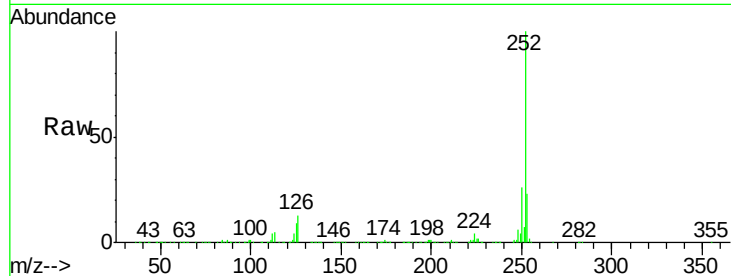




#88
Benzo(k)fluoranthene
Concen: 87.67 ng
RT: 14.79 min Scan# 1146
Delta R.T. -0.05 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

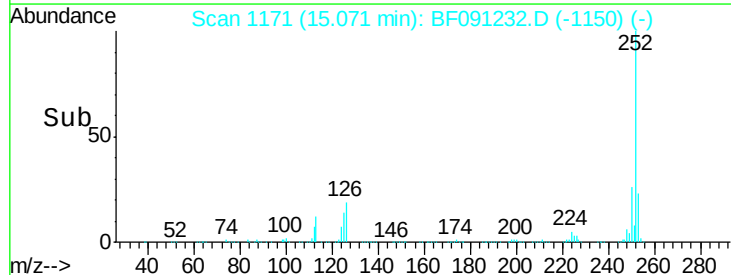
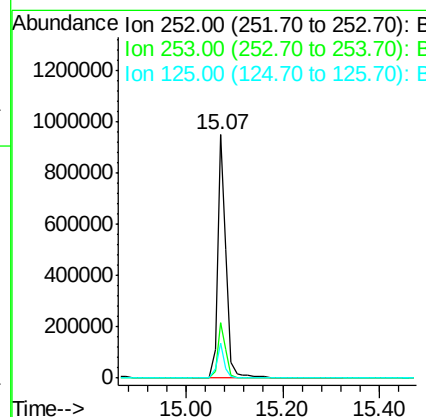
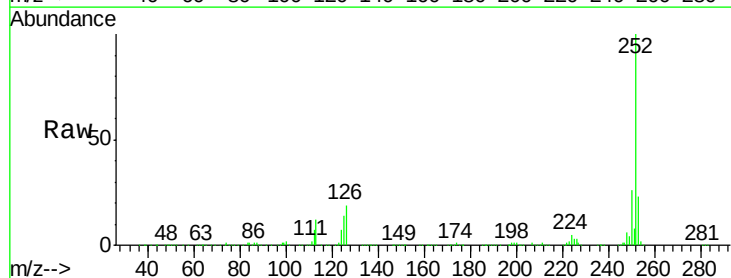
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

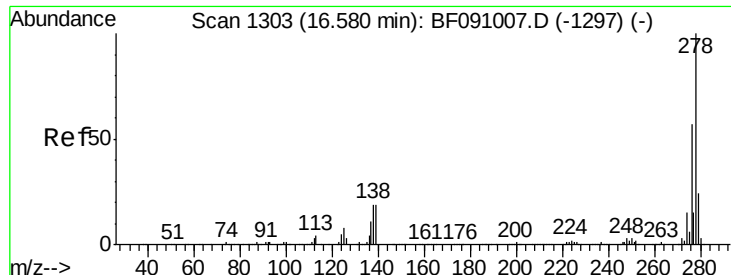
Tgt Ion:252 Resp: 2701268
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 8.9 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 37.85 ng
RT: 15.07 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF091232.D
Acq: 18 Nov 2016 13:40

Tgt Ion:252 Resp: 1157495
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 14.5 8.6 13.0#





#90

Dibenzo(a,h)anthracene

Concen: 36.58 ng

RT: 16.40 min Scan# 1287

Delta R.T. -0.09 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

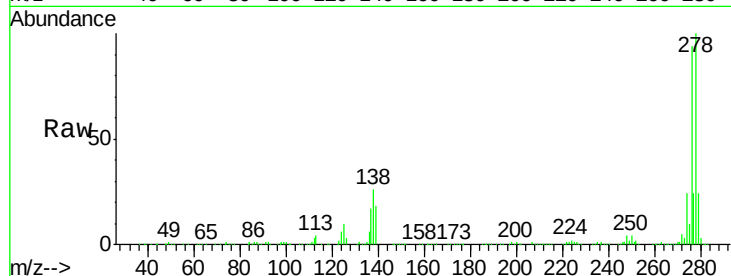
Tgt Ion: 278 Resp: 967070

Ion Ratio Lower Upper

278 100

139 18.1 15.3 22.9

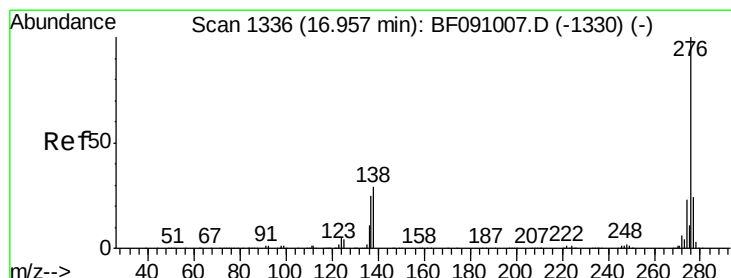
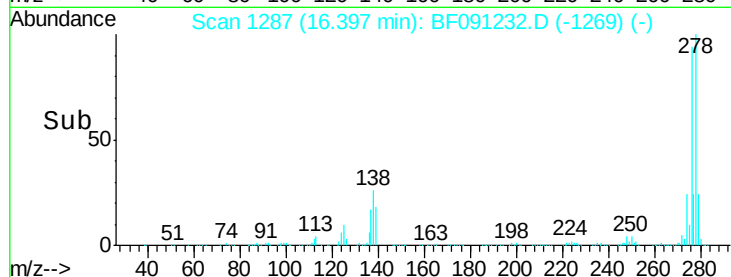
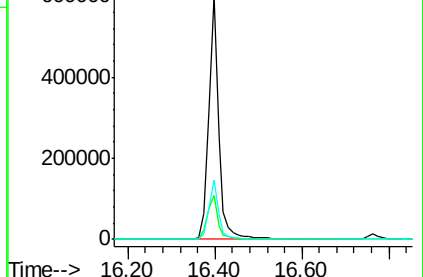
279 24.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.92 ng

RT: 16.76 min Scan# 1319

Delta R.T. -0.09 min

Lab File: BF091232.D

Acq: 18 Nov 2016 13:40

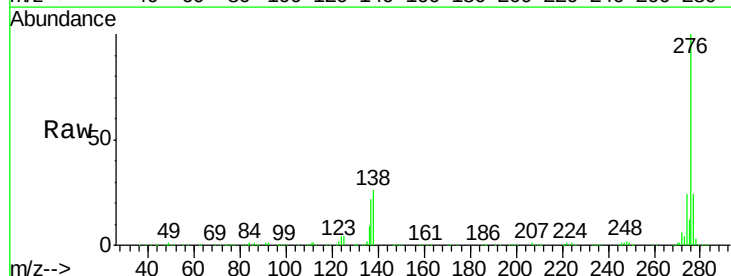
Tgt Ion: 276 Resp: 858596

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 26.1 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

