

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091187.D
 Acq On : 16 Nov 2016 14:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 16 23:50:32 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	6.62	152	241903	20.00	ng	-0.03
21) Naphthalene-d8	7.92	136	1044604	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	570292	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	933001	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	675928	20.00	ng	-0.03
86) Perylene-d12	15.15	264	597604	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1177617	80.40	ng	-0.05
7) Phenol-d6	6.28	99	1436630	72.26	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1490375	77.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	450672	87.41	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2607912	78.73	ng	-0.05
78) Terphenyl-d14	12.73	244	2522508	93.13	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	299193	35.71	ng	96
3) Pyridine	2.73	79	863593	44.06	ng	98
4) n-Nitrosodimethylamine	2.70	42	294115	37.93	ng	89
6) Aniline	6.28	93	891654	38.02	ng	96
8) 2-Chlorophenol	6.41	128	720379	41.23	ng	90
9) Benzaldehyde	6.17	77	404016	36.61	ng	93
10) Phenol	6.29	94	822965	37.40	ng	# 77
11) bis(2-Chloroethyl)ether	6.36	93	743417	40.10	ng	97
12) 1,3-Dichlorobenzene	6.56	146	732465	41.45	ng	96
13) 1,4-Dichlorobenzene	6.64	146	774777	40.86	ng	96
14) 1,2-Dichlorobenzene	6.80	146	672541	38.65	ng	95
15) Benzyl Alcohol	6.78	79	556975	39.72	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.91	45	897461	33.80	ng	# 44
17) 2-Methylphenol	6.91	107	567382	41.02	ng	# 91
18) Hexachloroethane	7.13	117	290607	39.61	ng	90
19) n-Nitroso-di-n-propylamine	7.06	70	520285	37.77	ng	# 93
20) 3+4-Methylphenols	7.06	107	700301	42.17	ng	88
22) Acetophenone	7.05	105	971929	40.41	ng	# 95
24) Nitrobenzene	7.22	77	845652	39.99	ng	99
25) Isophorone	7.46	82	1508688	40.89	ng	99
26) 2-Nitrophenol	7.54	139	413086	46.16	ng	# 68
27) 2,4-Dimethylphenol	7.58	122	614335	41.51	ng	97
28) bis(2-Chloroethoxy)methane	7.68	93	838770	41.61	ng	99
29) 2,4-Dichlorophenol	7.78	162	553722	42.87	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	653159	44.97	ng	99
31) Naphthalene	7.94	128	2089744	41.83	ng	100
32) Benzoic acid	7.77	122	415497	37.25	ng	99
33) 4-Chloroaniline	8.00	127	904131	43.52	ng	97
34) Hexachlorobutadiene	8.05	225	365389	46.61	ng	98
35) Caprolactam	8.40	113	189167	46.61	ng	# 88
36) 4-Chloro-3-methylphenol	8.50	107	714941	45.72	ng	97
37) 2-Methylnaphthalene	8.62	142	1272210	39.61	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	679896	46.76	ng	99
40) Hexachlorocyclopentadiene	8.78	237	180622	36.14	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	412954	43.99	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	414722	42.08	ng	# 87
45) 1,1'-Biphenyl	9.09	154	1593735	38.27	ng	98
46) 2-Chloronaphthalene	9.12	162	1307321	41.35	ng	99
47) 2-Nitroaniline	9.22	65	443760	37.82	ng	94
48) Acenaphthylene	9.53	152	1900071	38.56	ng	99
49) Dimethylphthalate	9.41	163	1684166	45.04	ng	99
50) 2,6-Dinitrotoluene	9.47	165	369220	46.07	ng	# 75
51) Acenaphthene	9.70	154	1160924	37.53	ng	99
52) 3-Nitroaniline	9.64	138	453699	47.74	ng	85
53) 2,4-Dinitrophenol	9.74	184	164914	41.08	ng	# 47
54) Dibenzofuran	9.87	168	1586065	38.09	ng	98
55) 4-Nitrophenol	9.82	139	189561	33.54	ng	# 77
56) 2,4-Dinitrotoluene	9.87	165	389238	38.17	ng	# 70
57) Fluorene	10.21	166	1256152	36.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	357913	46.36	ng	99
59) Diethylphthalate	10.10	149	1498330	39.08	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	633810	40.92	ng	97
61) 4-Nitroaniline	10.26	138	401775	41.79	ng	98
62) Azobenzene	10.37	77	1745983	38.68	ng	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	241748	42.31	ng	# 35
65) n-Nitrosodiphenylamine	10.34	169	1309355	44.15	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	401596	41.38	ng	89
67) Hexachlorobenzene	10.76	284	531503	49.66	ng	# 89
68) Atrazine	10.87	200	304675	35.61	ng	96
69) Pentachlorophenol	10.96	266	196717	41.50	ng	98
70) Phenanthrene	11.17	178	2149587	43.34	ng	99
71) Anthracene	11.22	178	1864222	35.35	ng	98
72) Carbazole	11.38	167	1722994	36.26	ng	99
73) Di-n-butylphthalate	11.72	149	2348797	39.30	ng	98
74) Fluoranthene	12.35	202	1875594	36.46	ng	96
76) Benzidine	12.49	184	575207	38.09	ng	98
77) Pyrene	12.58	202	1995075	45.07	ng	99
79) Butylbenzylphthalate	13.21	149	964474	45.55	ng	94
80) Benzo(a)anthracene	13.77	228	1703911	44.40	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	729097	54.08	ng	99
82) Chrysene	13.81	228	1838469	48.58	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1251029	43.66	ng	# 94
84) Di-n-octyl phthalate	14.39	149	2033605	43.16	ng	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1376434	43.84	ng	97
87) Benzo(b)fluoranthene	14.81	252	3300107	81.42	ng	# 96
88) Benzo(k)fluoranthene	14.81	252	3302085	92.87	ng	# 92
89) Benzo(a)pyrene	15.09	252	1446043	40.98	ng	# 97
90) Dibenzo(a,h)anthracene	16.43	278	1201352	39.38	ng	98
91) Benzo(g,h,i)perylene	16.80	276	1046890	37.95	ng	97

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

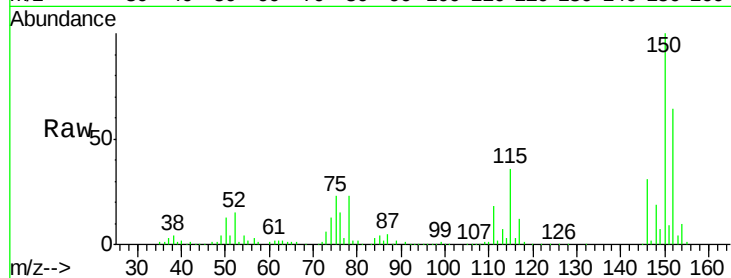


#1

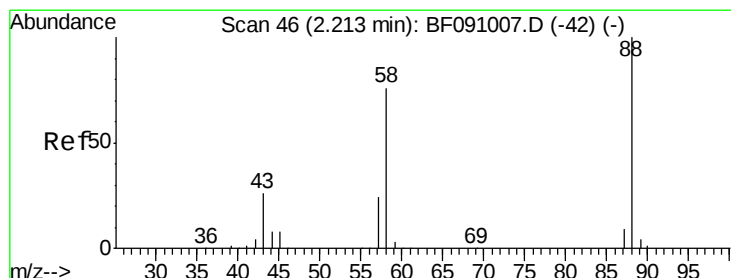
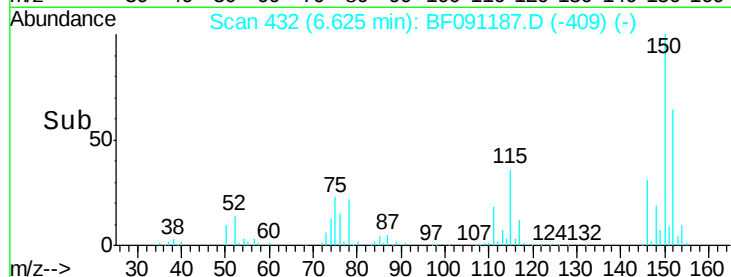
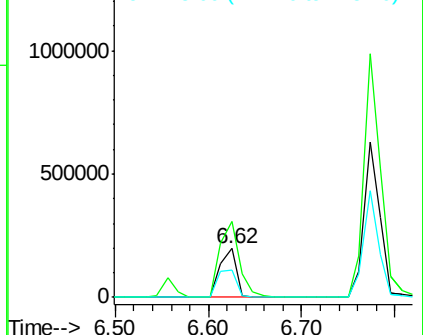
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 241903
Ion Ratio Lower Upper
152 100
150 156.4 126.8 190.2
115 56.3 53.3 79.9



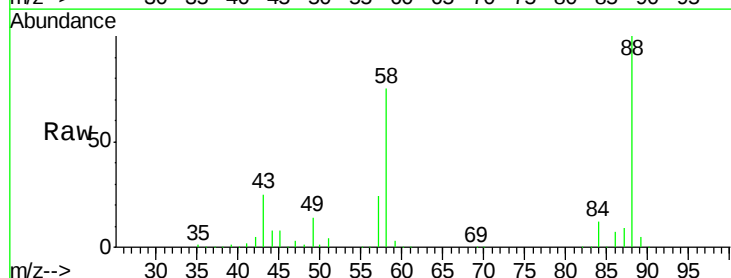
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



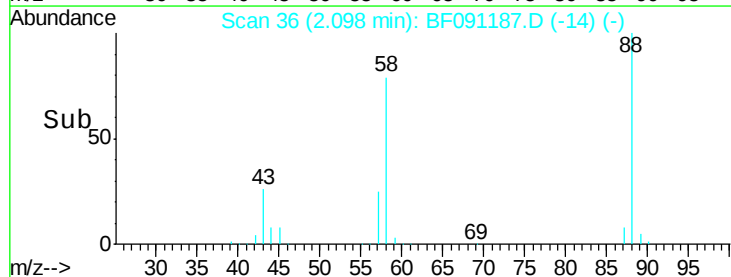
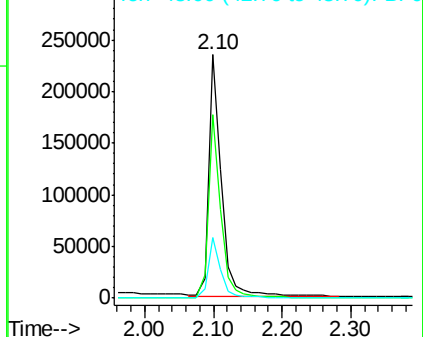
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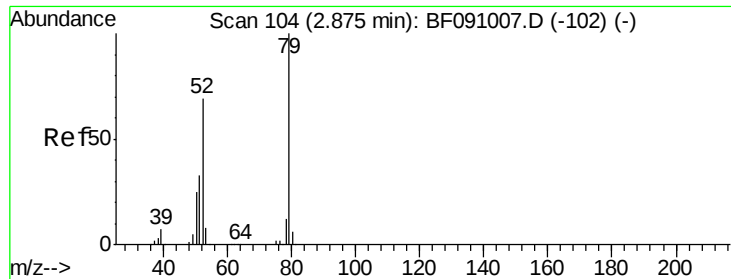
1,4-Dioxane
Concen: 35.71 ng
RT: 2.10 min Scan# 36
Delta R.T. -0.05 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion: 88 Resp: 299193
Ion Ratio Lower Upper
88 100
58 76.2 63.8 95.6
43 26.1 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

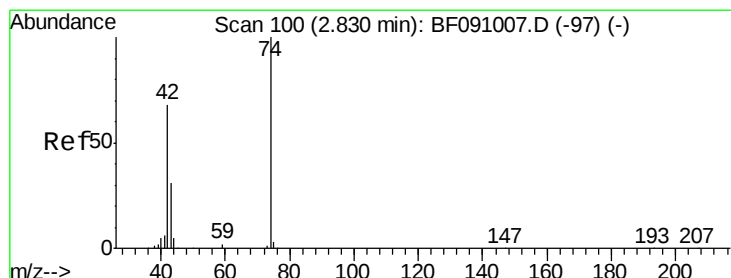
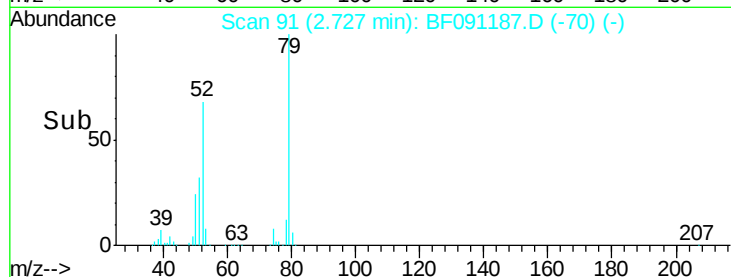
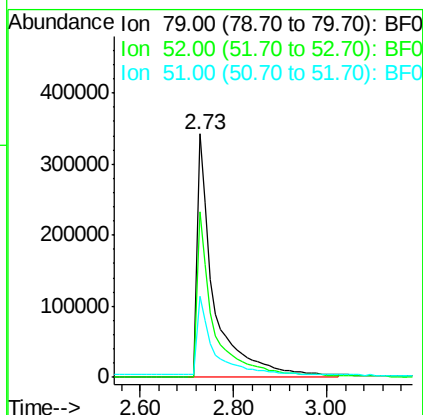
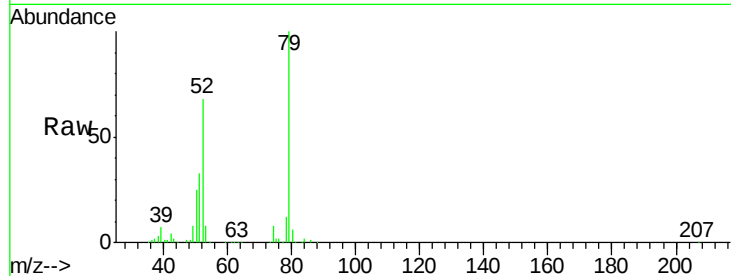




#3
 Pyridine
 Concen: 44.06 ng
 RT: 2.73 min Scan# 91
 Delta R.T. -0.06 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

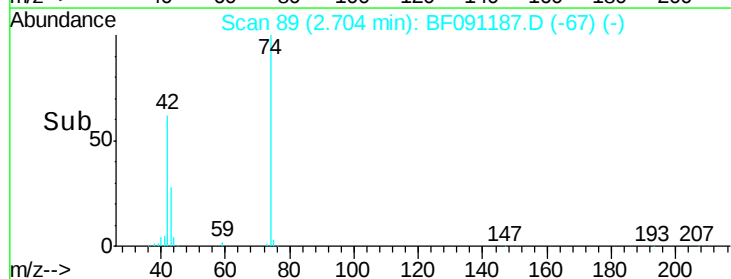
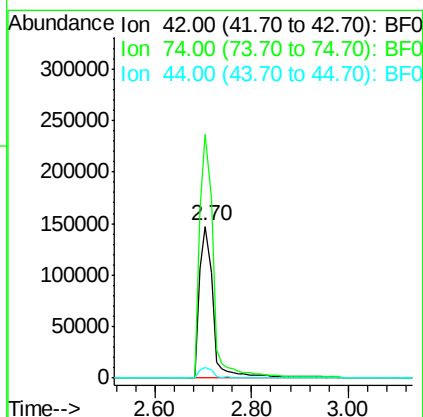
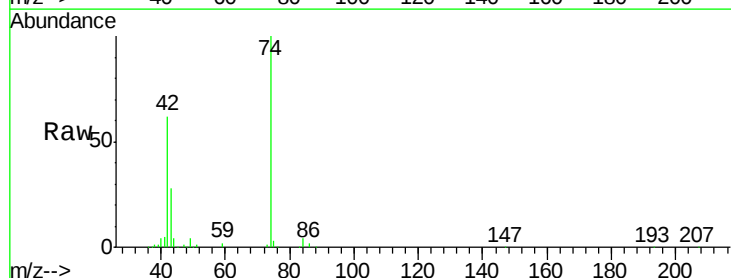
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 863593
 Ion Ratio Lower Upper
 79 100
 52 67.8 55.4 83.0
 51 33.3 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 37.93 ng
 RT: 2.70 min Scan# 89
 Delta R.T. -0.05 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion: 42 Resp: 294115
 Ion Ratio Lower Upper
 42 100
 74 160.5 117.3 175.9
 44 7.1 5.8 8.8





#5

2-Fluorophenol

Concen: 80.40 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.05 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

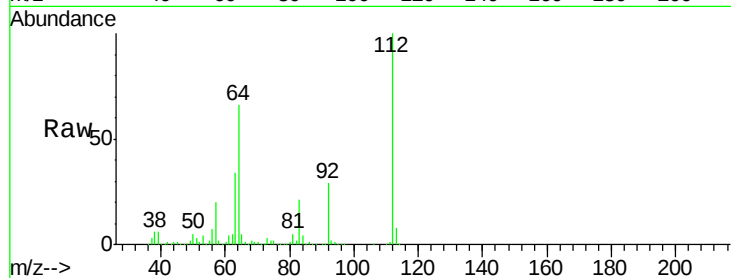
Tgt Ion: 112 Resp: 1177617

Ion Ratio Lower Upper

112 100

64 66.5 55.8 83.6

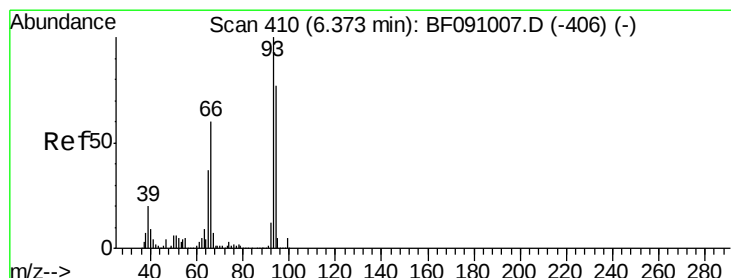
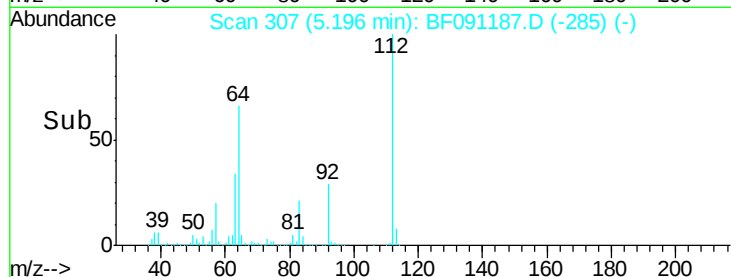
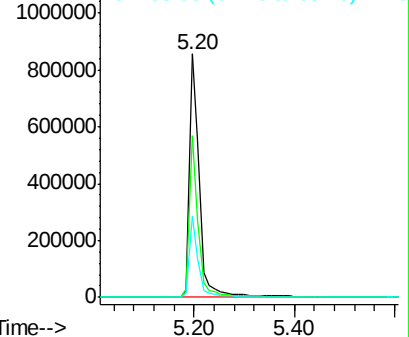
63 33.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.02 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

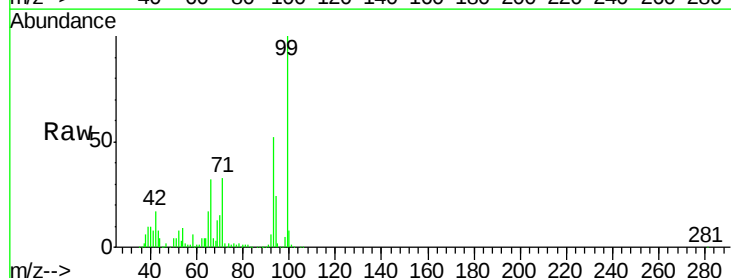
Tgt Ion: 93 Resp: 891654

Ion Ratio Lower Upper

93 100

66 61.6 48.2 72.2

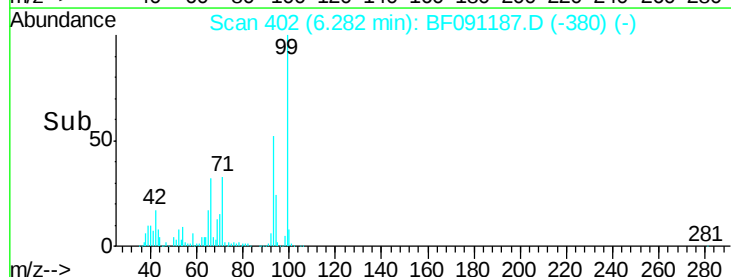
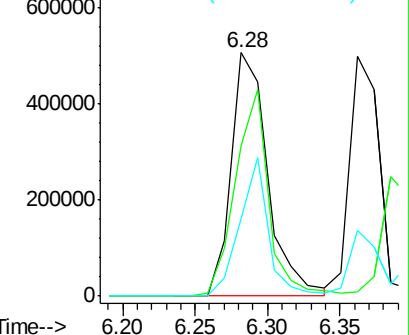
65 31.6 29.4 44.0



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: 72.26 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

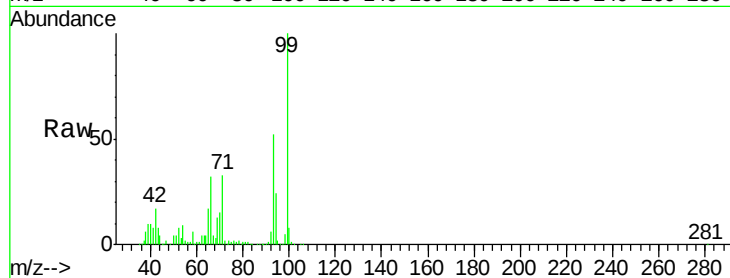
Tgt Ion: 99 Resp: 1436630

Ion Ratio Lower Upper

99 100

42 16.9 13.9 20.9

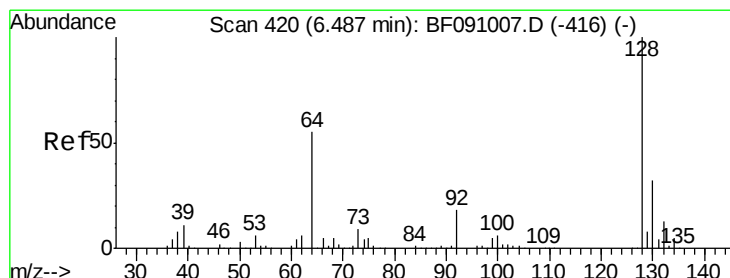
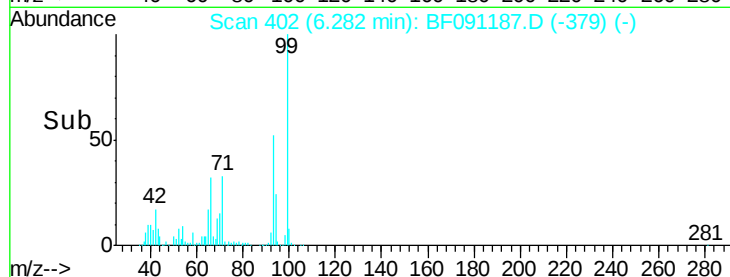
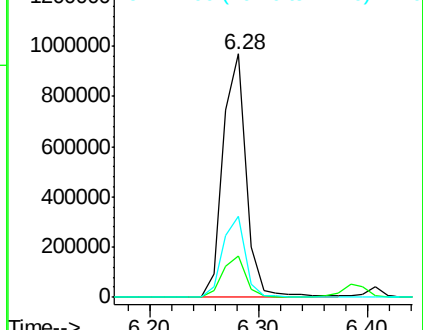
71 33.1 27.8 41.8



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: 41.23 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

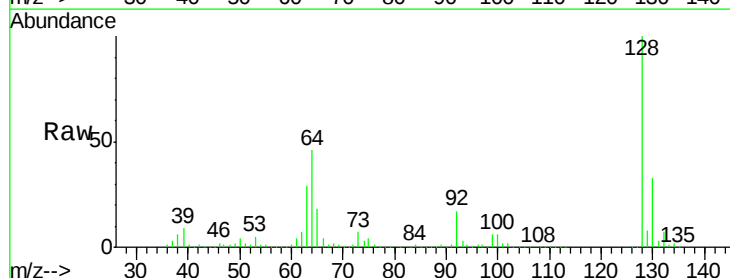
Tgt Ion: 128 Resp: 720379

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

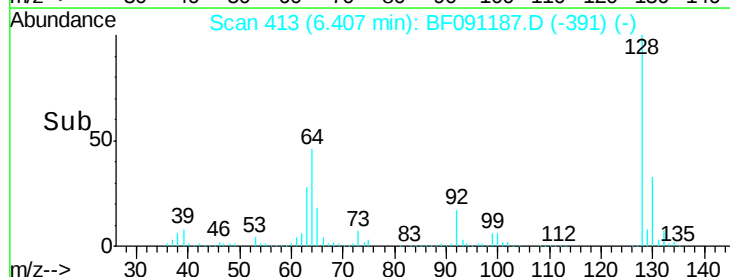
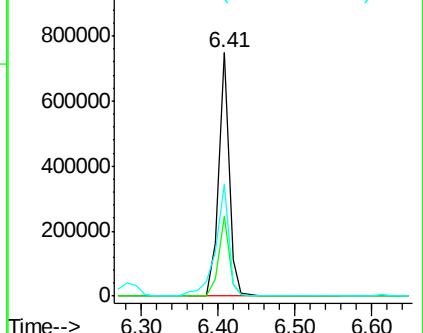
64 46.1 37.2 77.2

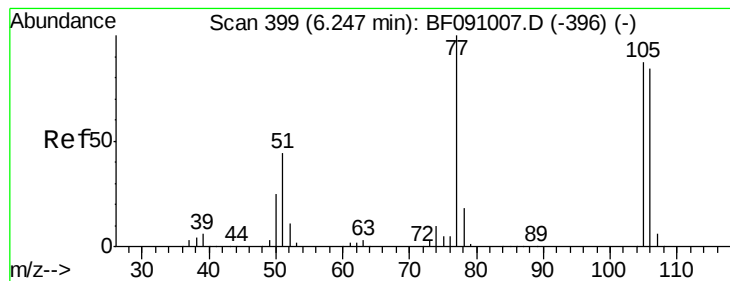


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.61 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

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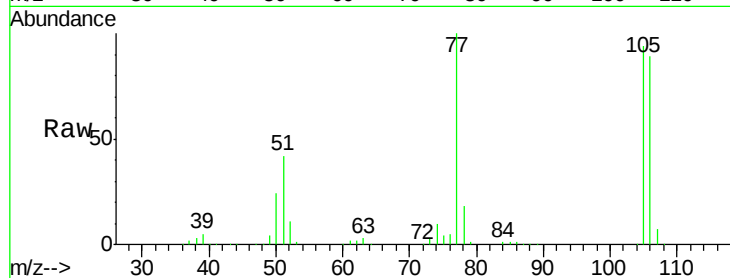
Tgt Ion: 77 Resp: 404016

Ion Ratio Lower Upper

77 100

105 94.0 66.8 106.8

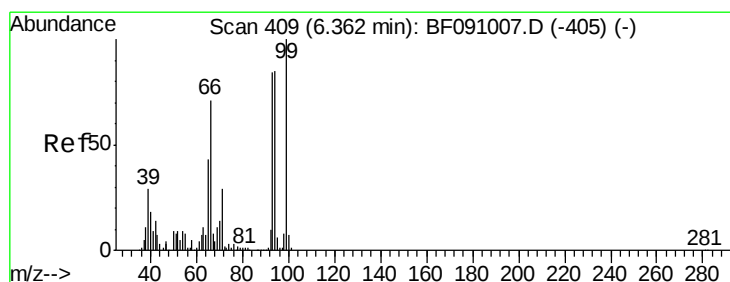
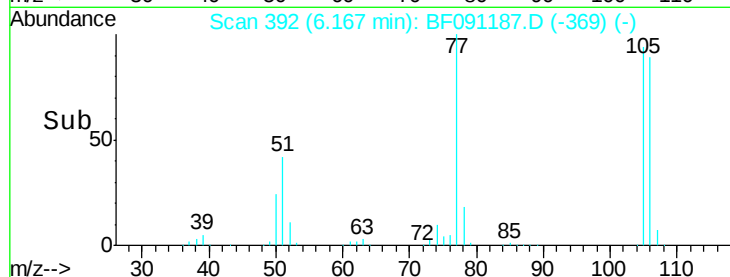
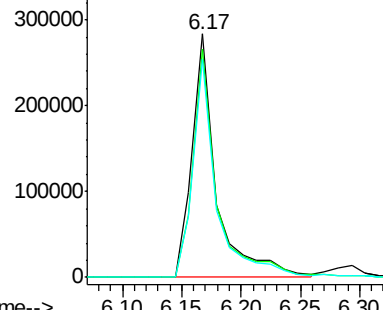
106 89.4 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.40 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

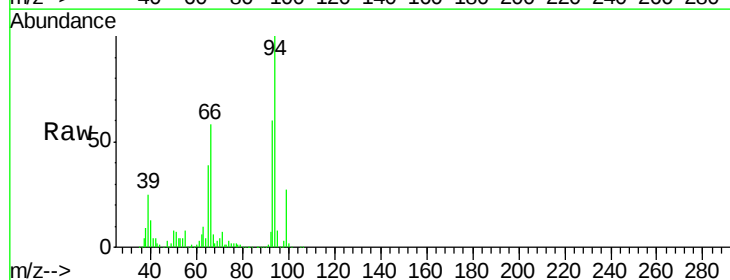
Tgt Ion: 94 Resp: 822965

Ion Ratio Lower Upper

94 100

65 39.1 30.4 70.4

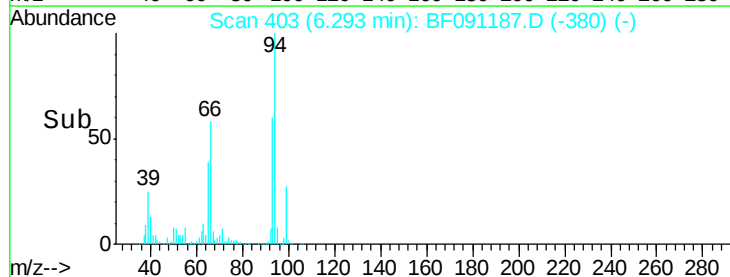
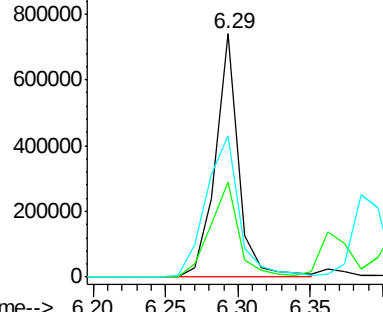
66 58.2 62.9 102.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.10 ng

RT: 6.36 min Scan# 409

Delta R.T. -0.05 min

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SSTDCCC040

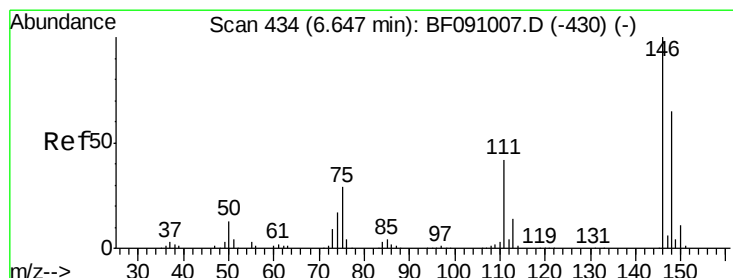
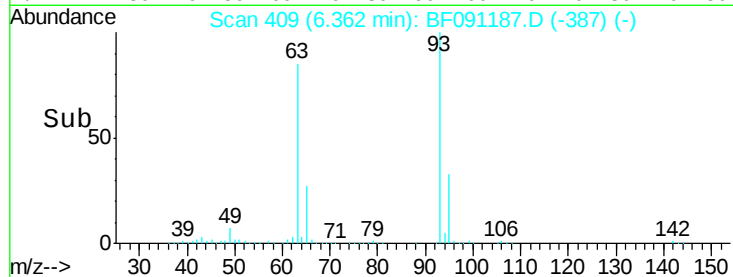
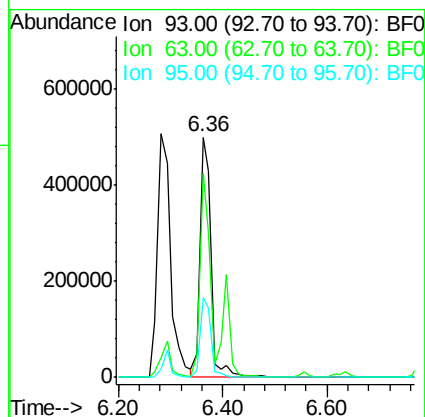
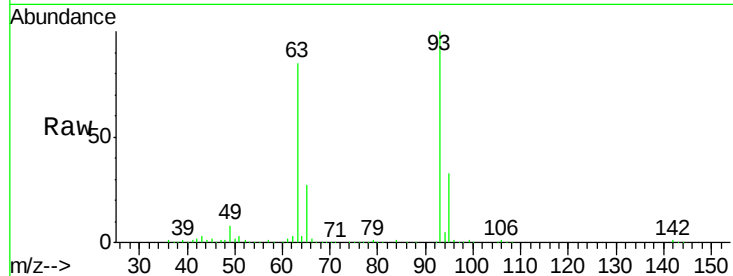
Tgt Ion: 93 Resp: 743417

Ion Ratio Lower Upper

93 100

63 85.0 68.9 108.9

95 33.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.45 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

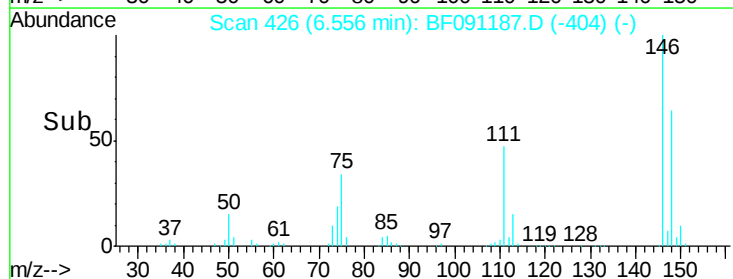
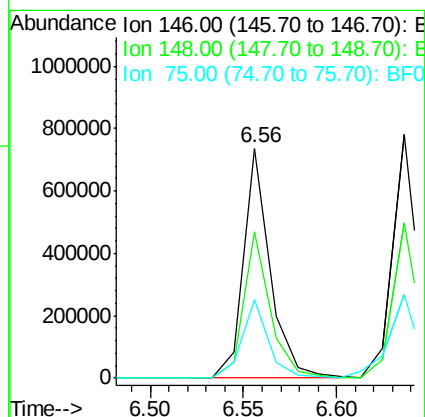
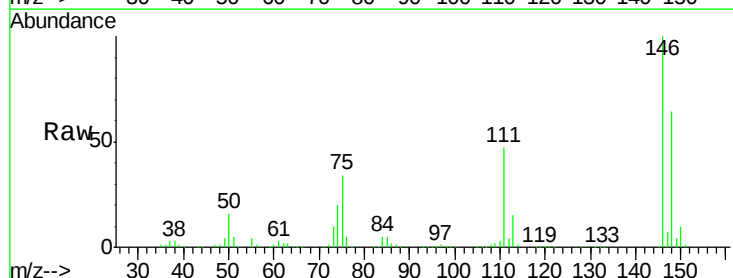
Tgt Ion: 146 Resp: 732465

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

75 33.9 23.0 34.6

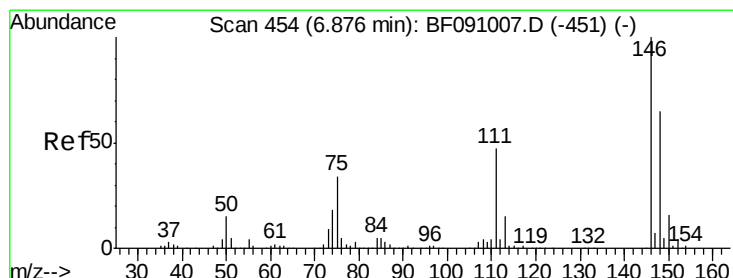
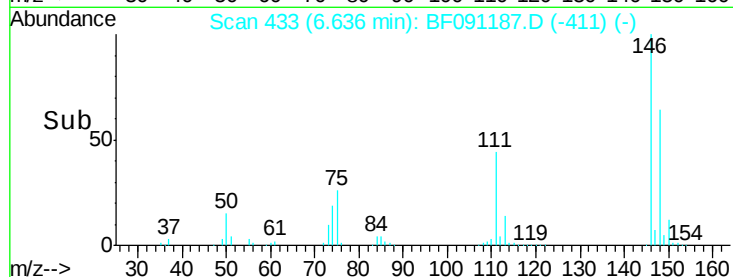
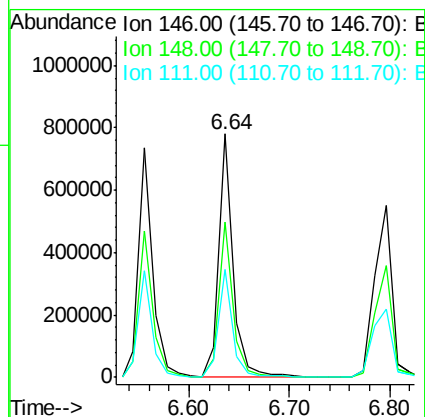
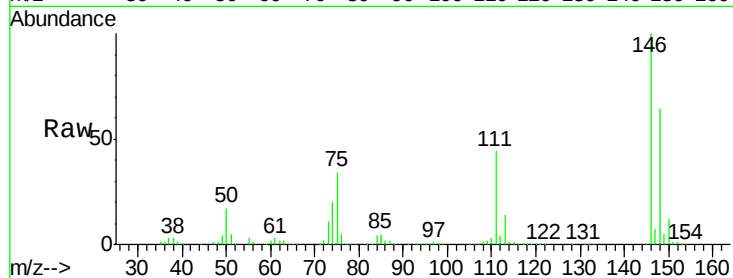




#13
 1,4-Dichlorobenzene
 Concen: 40.86 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

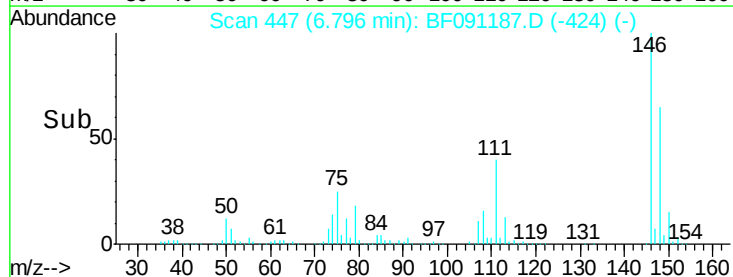
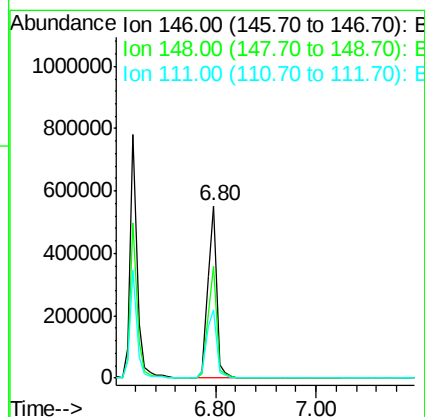
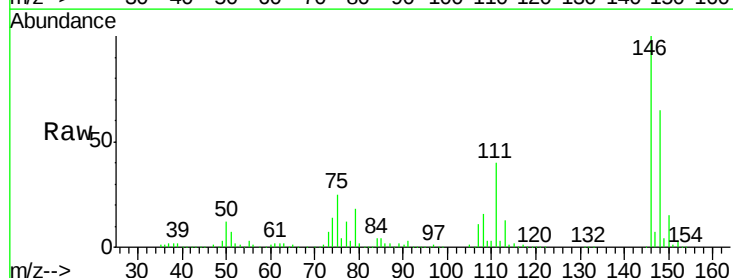
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 774777
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.1 78.1
 111 44.3 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 38.65 ng
 RT: 6.80 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:146 Resp: 672541
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.6 77.4
 111 39.7 37.3 55.9





#15

Benzyl Alcohol

Concen: 39.72 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

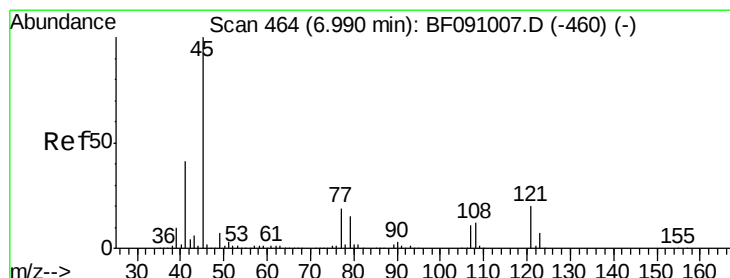
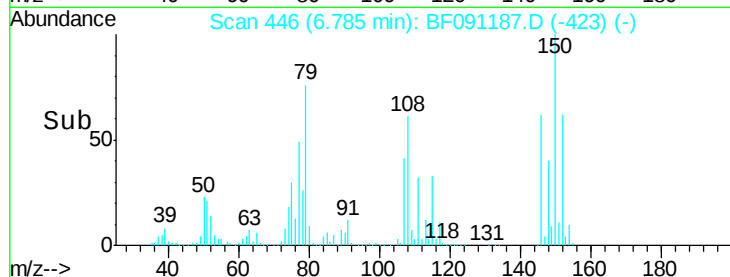
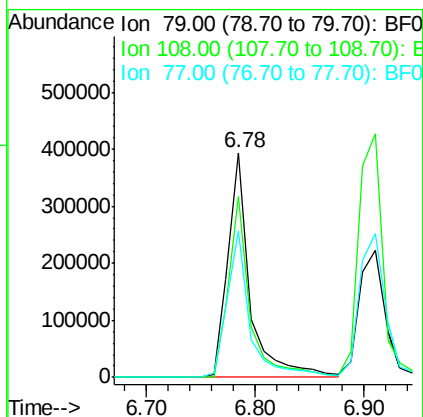
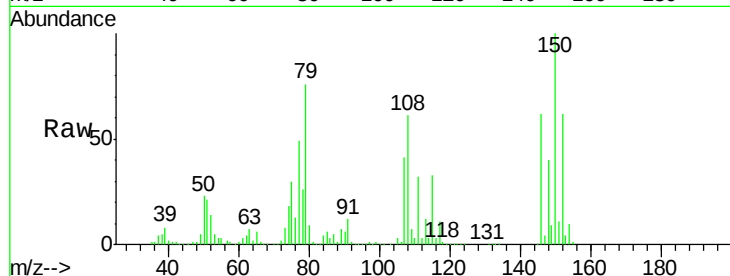
Tgt Ion: 79 Resp: 556975

Ion Ratio Lower Upper

79 100

108 80.4 55.7 83.5

77 65.3 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.80 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

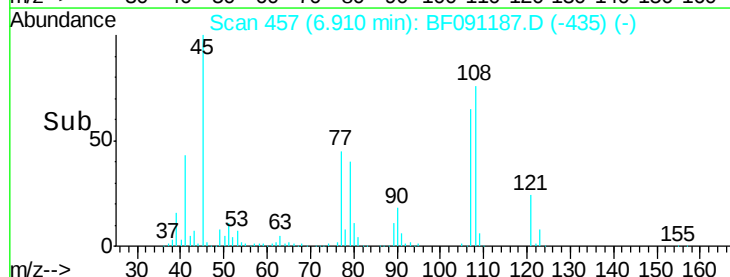
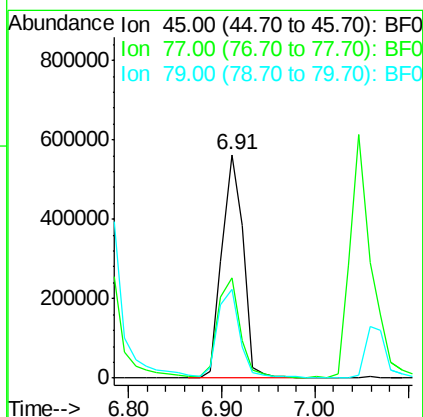
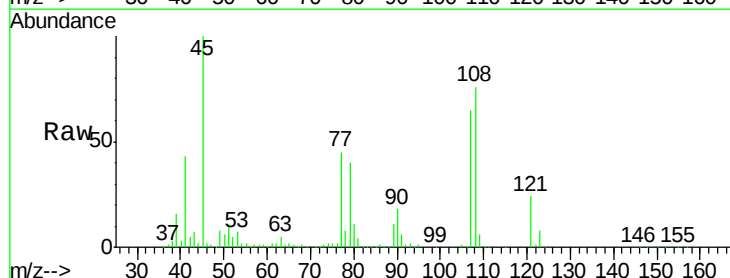
Tgt Ion: 45 Resp: 897461

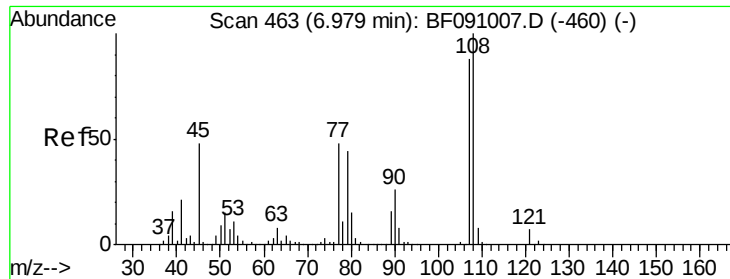
Ion Ratio Lower Upper

45 100

77 44.9 0.0 39.6#

79 39.8 0.0 35.9#





#17

2-Methylphenol

Concen: 41.02 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 567382

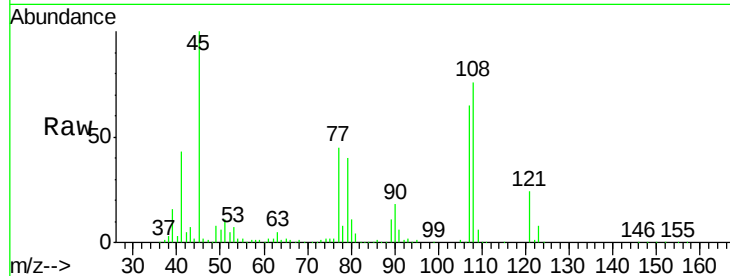
Ion Ratio Lower Upper

107 100

108 115.8 91.0 136.6

77 68.6 43.8 65.8#

79 60.8 40.6 60.8



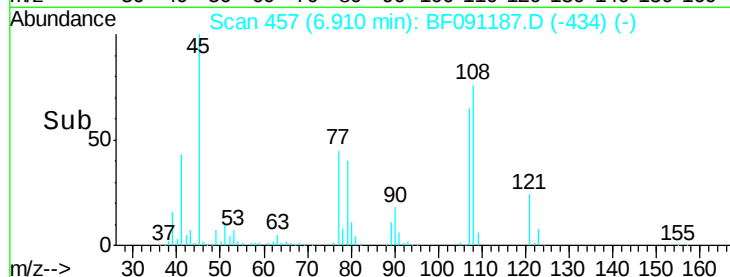
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



Abundance

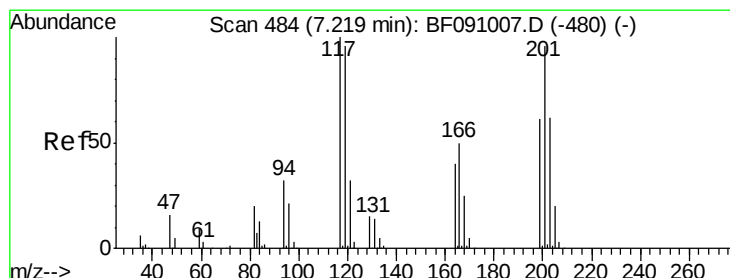
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 39.61 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

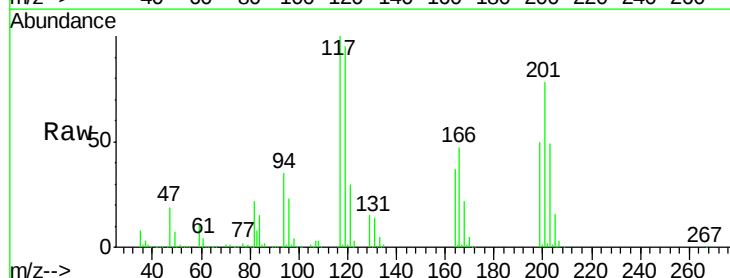
Tgt Ion:117 Resp: 290607

Ion Ratio Lower Upper

117 100

119 95.2 76.6 115.0

201 78.3 77.1 115.7

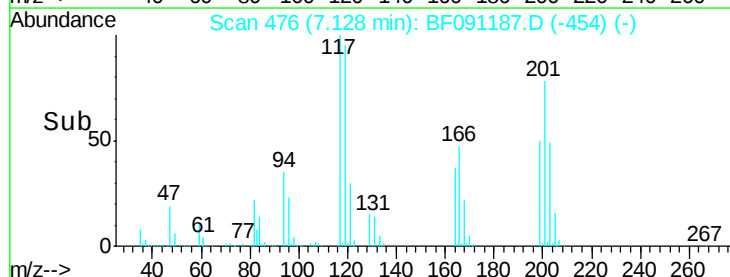


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



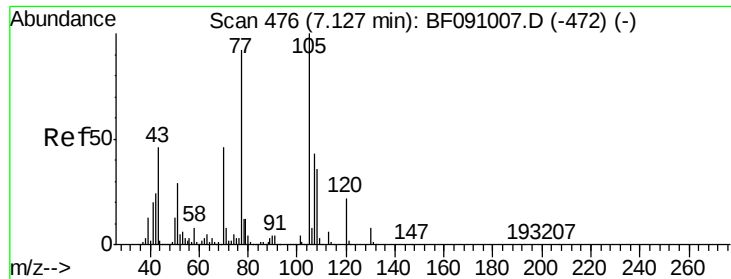
Abundance

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

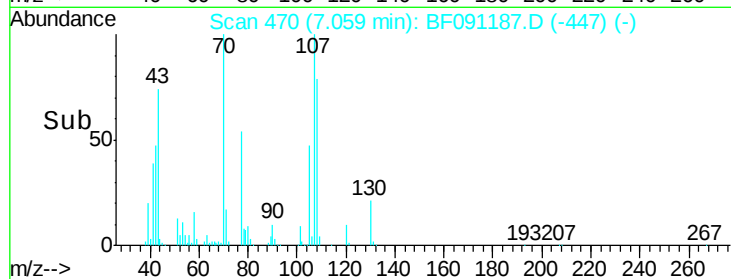
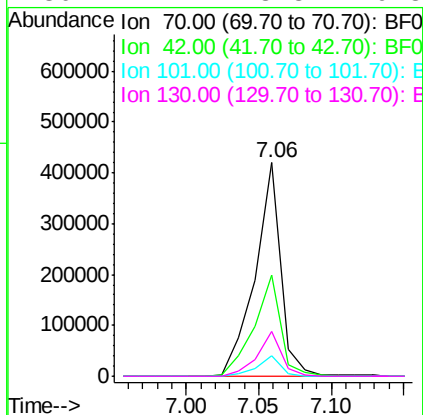
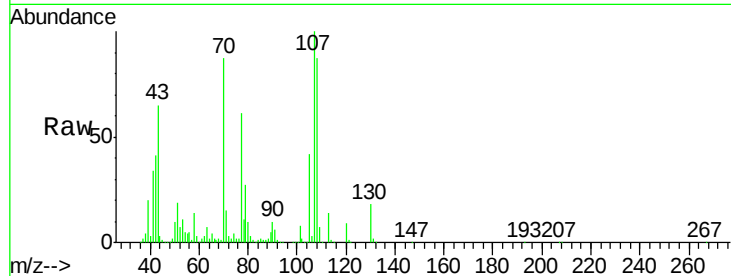
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.77 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

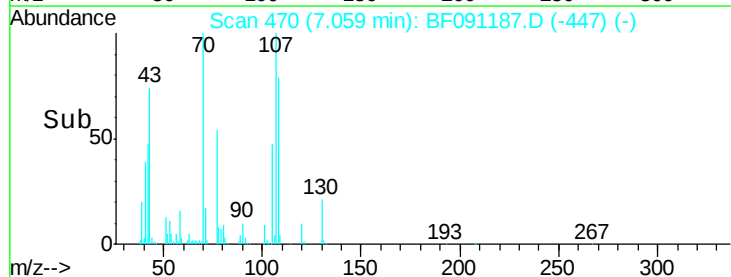
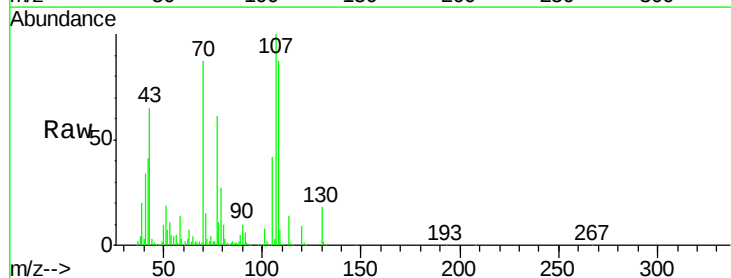
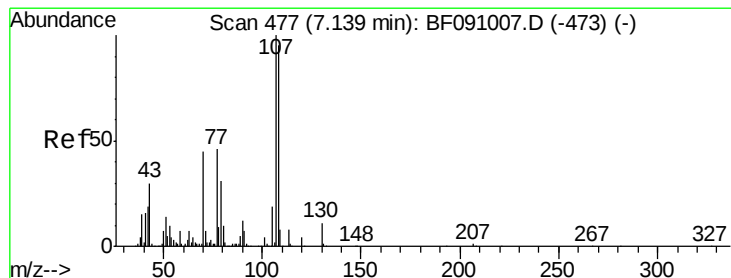
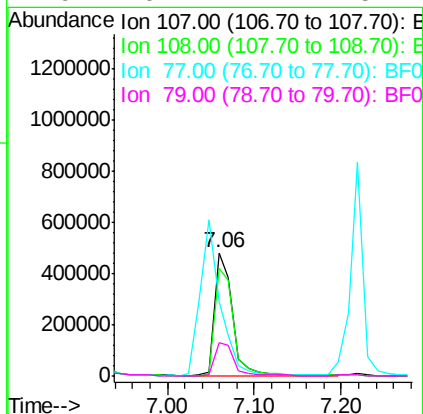
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

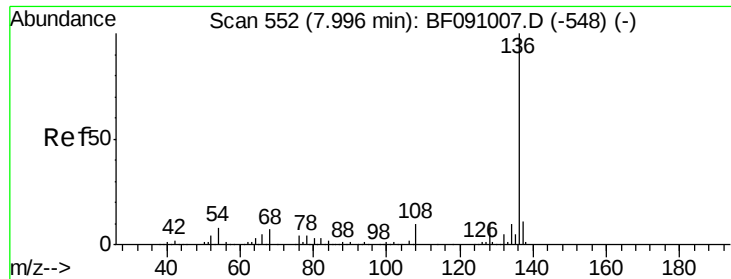
Tgt Ion:	70	Resp:	520285
Ion	Ratio	Lower	Upper
70	100		
42	47.4	41.7	62.5
101	9.4	6.7	10.1
130	21.2	13.8	20.8#



#20
3+4-Methylphenols
Concen: 42.17 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion:	107	Resp:	700301
Ion	Ratio	Lower	Upper
107	100		
108	87.2	75.5	115.5
77	60.5	26.4	66.4
79	26.7	11.1	51.1

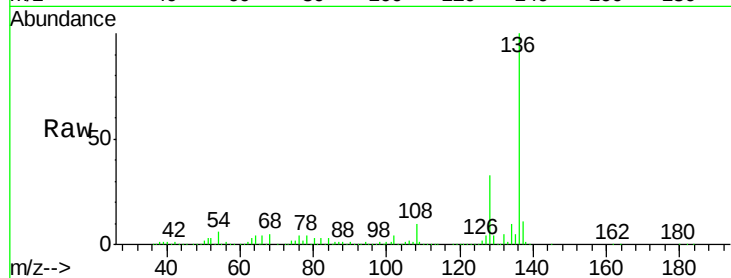




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	1044604
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.9	6.2	9.2#
68	5.5	5.5	8.3#



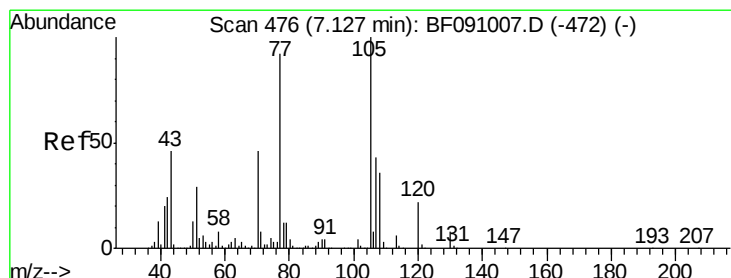
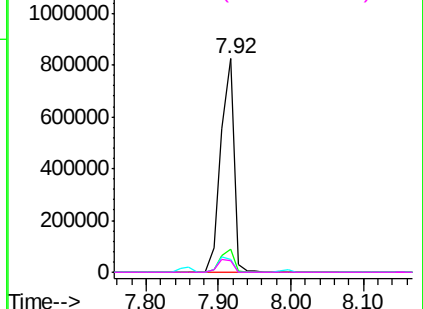
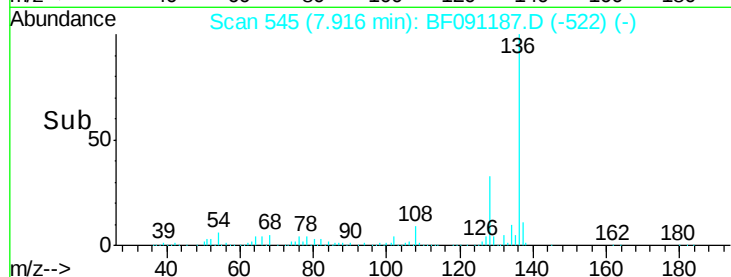
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

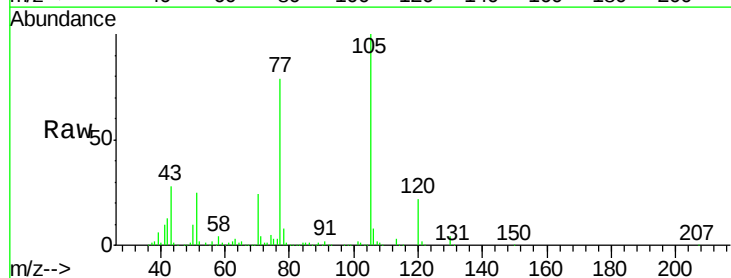
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.41 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion:	105	Resp:	971929
Ion	Ratio	Lower	Upper
105	100		
71	4.0	6.2	9.2#
51	25.0	23.3	34.9
120	21.6	17.4	26.0



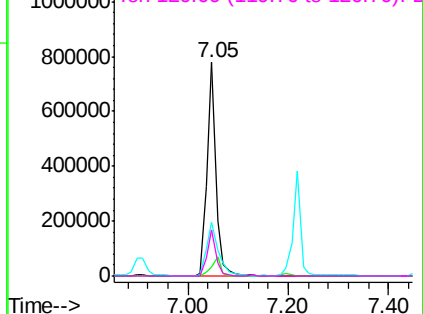
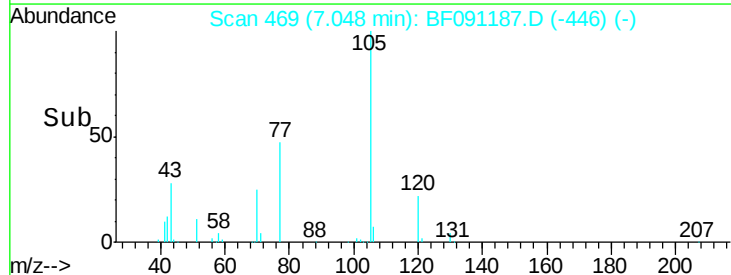
Abundance

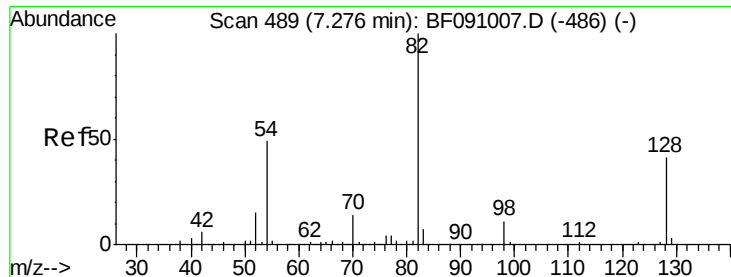
Ion 105.00 (104.70 to 105.70): E

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

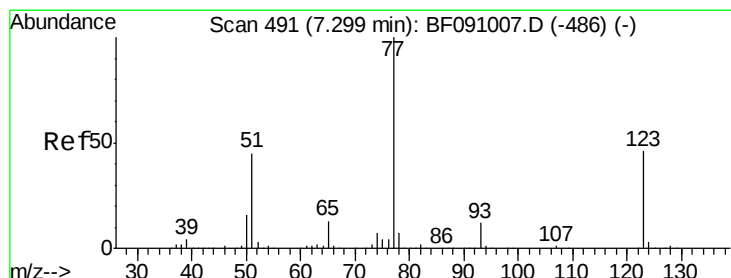
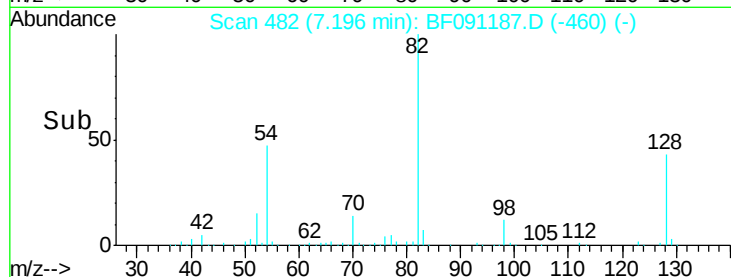
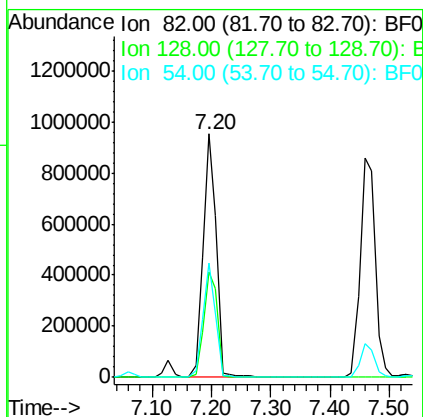
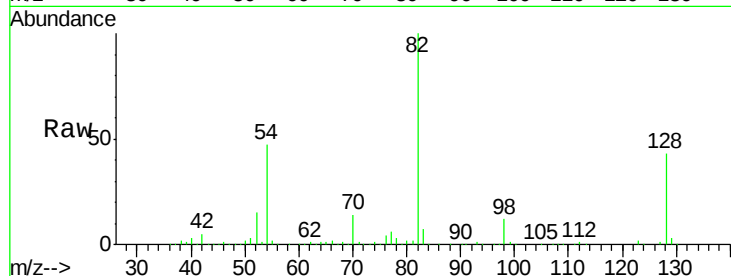




#23
 Nitrobenzene-d5
 Concen: 77.83 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

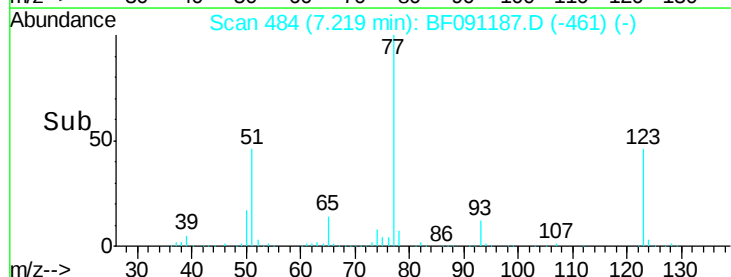
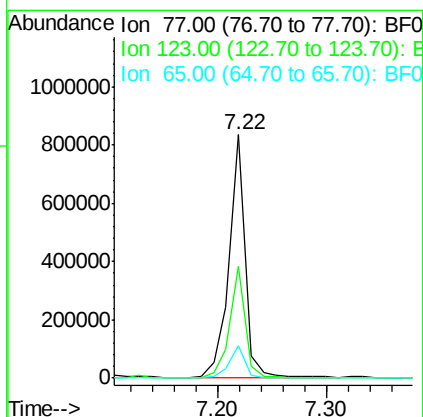
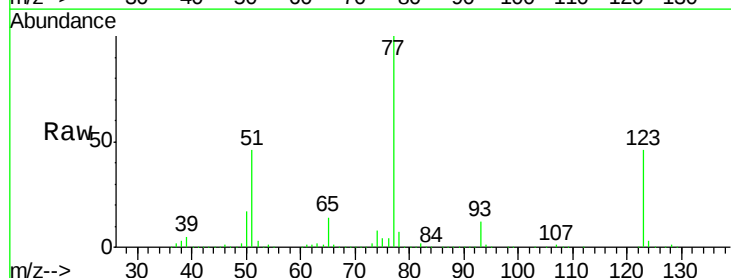
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

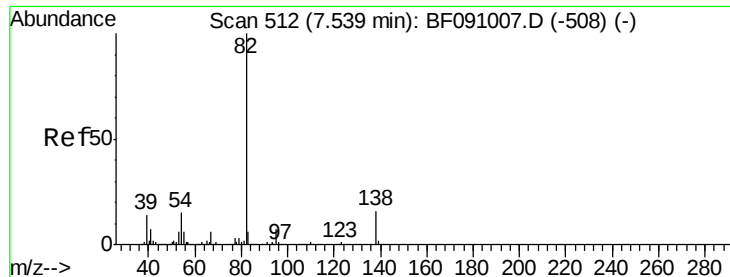
Tgt Ion: 82 Resp: 1490375
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.4 48.6
 54 47.2 39.2 58.8



#24
 Nitrobenzene
 Concen: 39.99 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion: 77 Resp: 845652
 Ion Ratio Lower Upper
 77 100
 123 46.0 36.5 54.7
 65 13.6 10.7 16.1





#25

Isophorone

Concen: 40.89 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

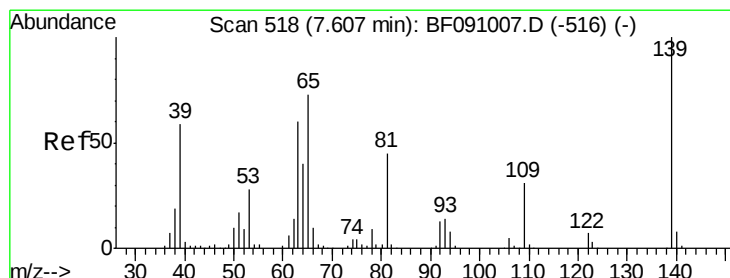
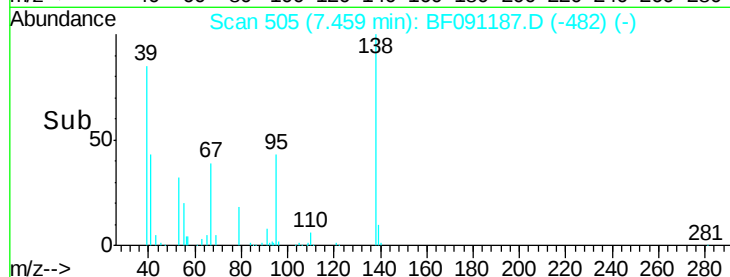
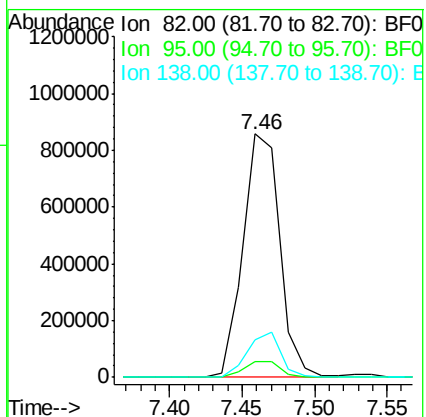
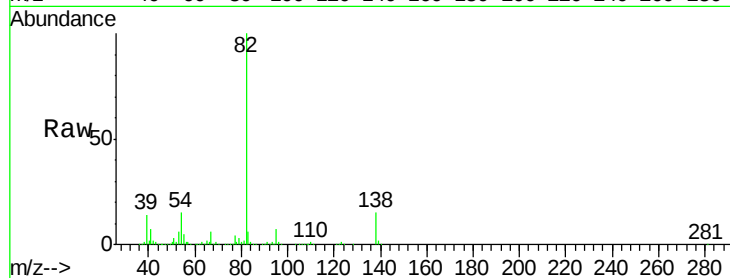
Tgt Ion: 82 Resp: 1508688

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 15.4 13.0 19.4



#26

2-Nitrophenol

Concen: 46.16 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

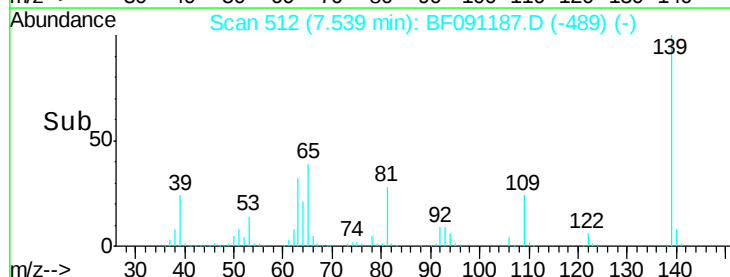
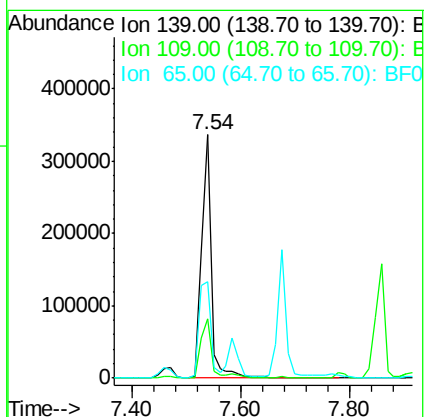
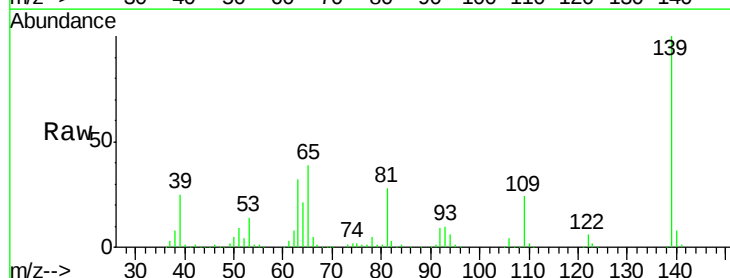
Tgt Ion: 139 Resp: 413086

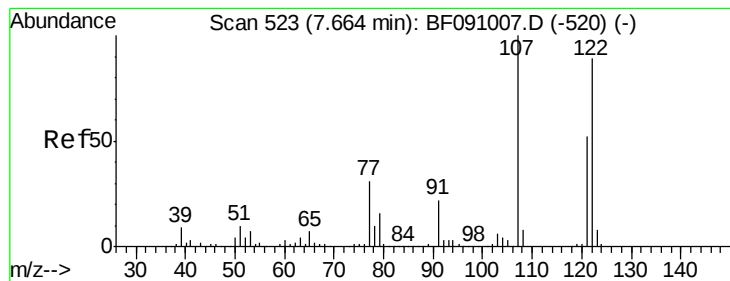
Ion Ratio Lower Upper

139 100

109 24.5 24.7 37.1#

65 39.4 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 41.51 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

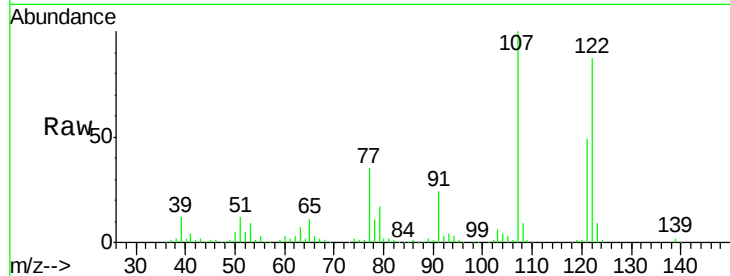
Tgt Ion:122 Resp: 614335

Ion Ratio Lower Upper

122 100

107 115.5 89.6 134.4

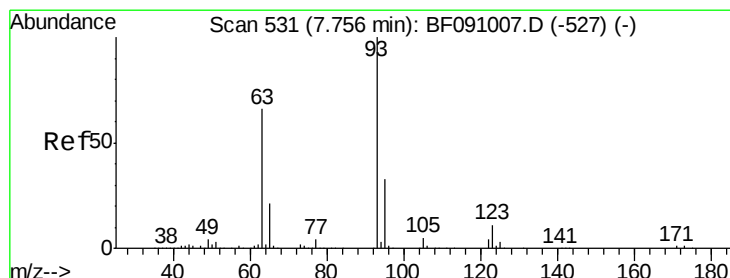
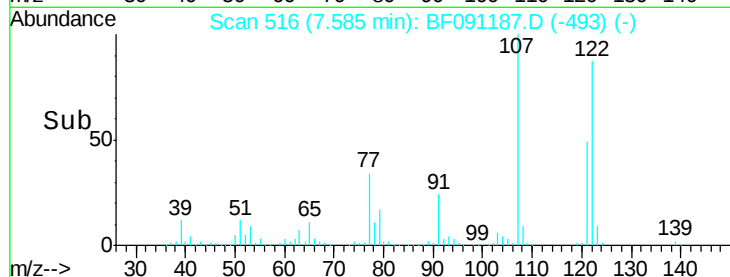
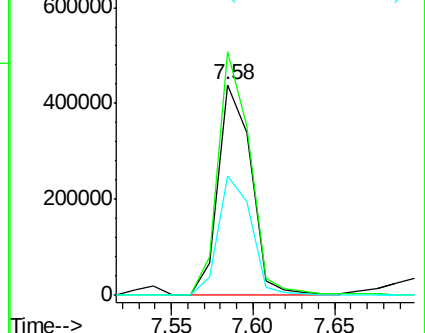
121 56.7 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.61 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

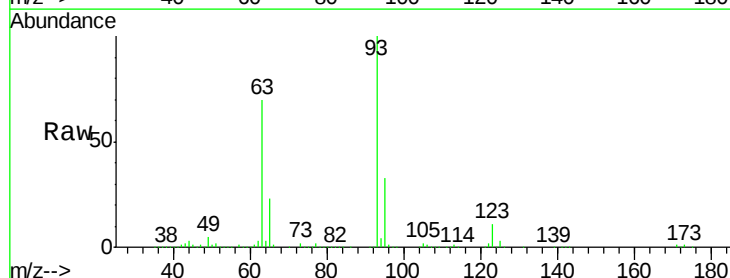
Tgt Ion: 93 Resp: 838770

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

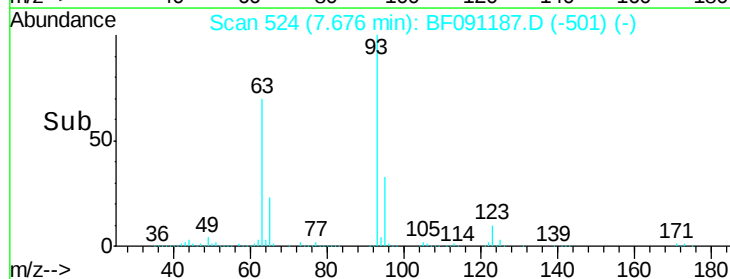
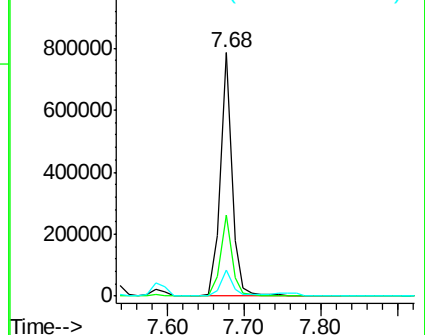
123 10.5 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

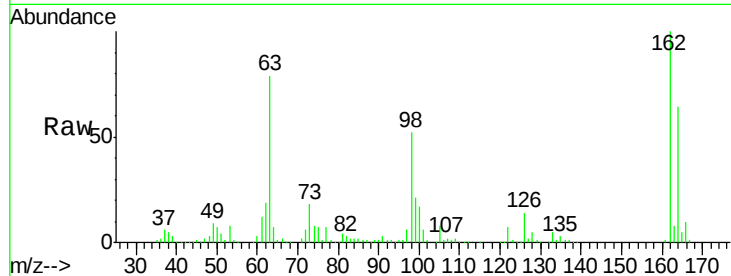




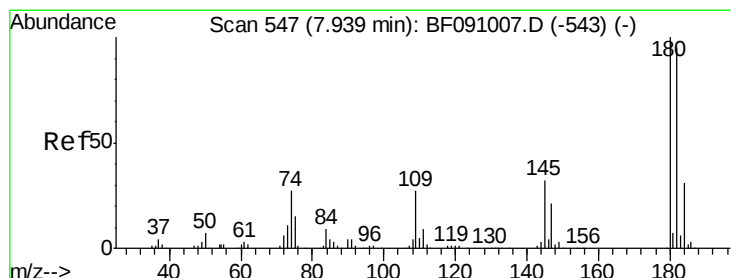
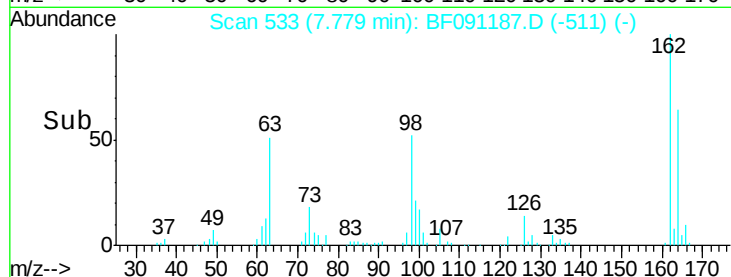
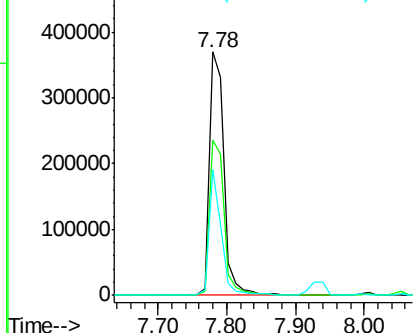
#29
 2,4-Dichlorophenol
 Concen: 42.87 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:162 Resp: 553722
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.4 84.4
 98 51.6 25.2 65.2

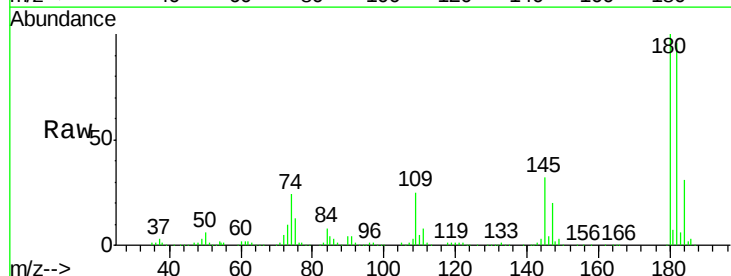


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

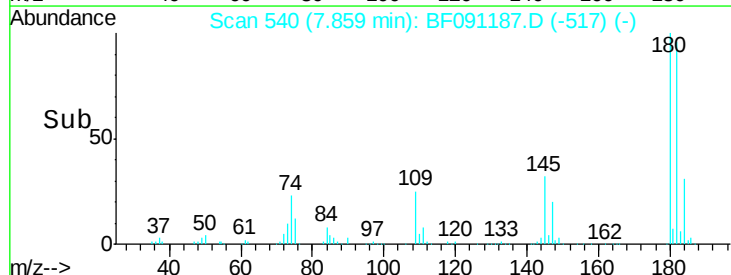
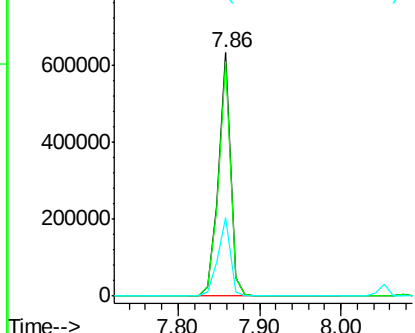


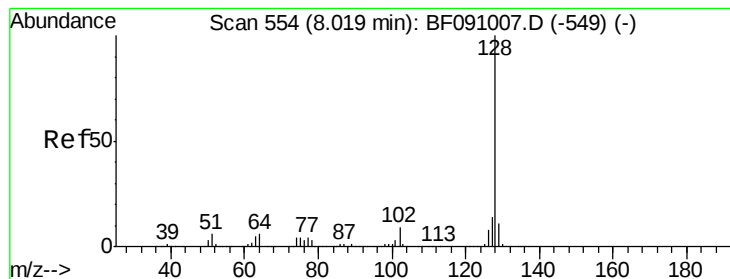
#30
 1,2,4-Trichlorobenzene
 Concen: 44.97 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:180 Resp: 653159
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.0 114.0
 145 32.0 25.8 38.8



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





#31

Naphthalene

Concen: 41.83 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

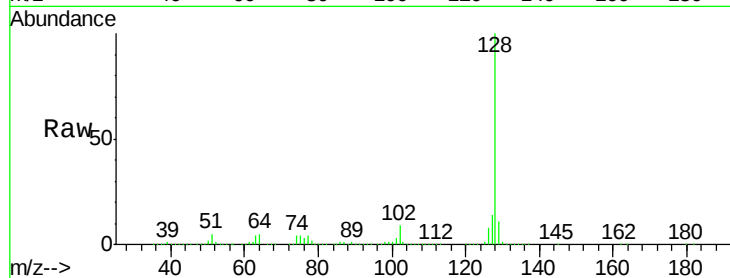
Tgt Ion:128 Resp: 2089744

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

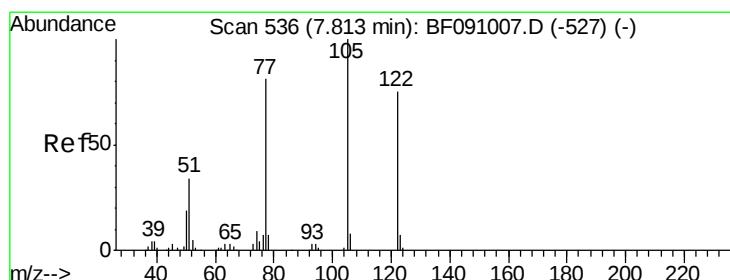
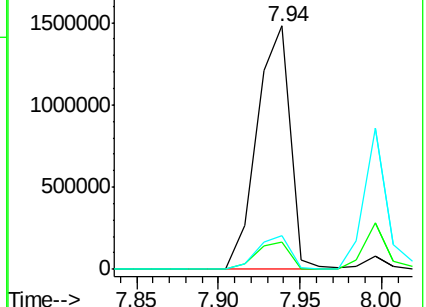
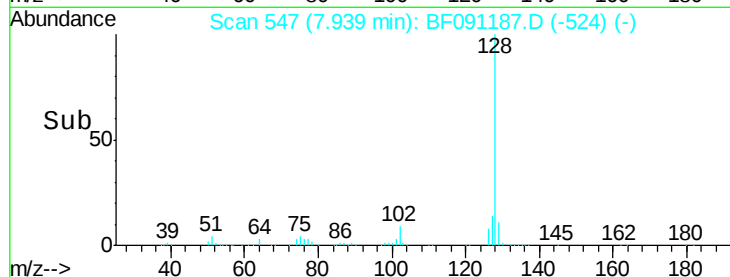
127 13.9 10.9 16.3



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: 37.25 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

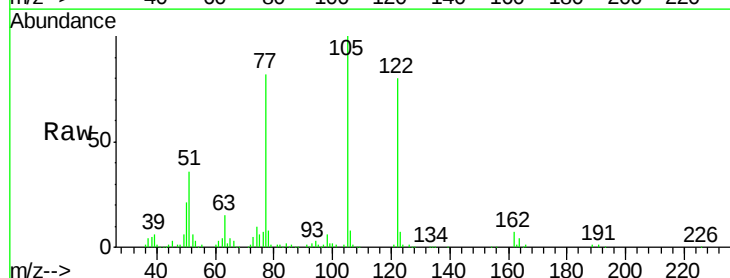
Tgt Ion:122 Resp: 415497

Ion Ratio Lower Upper

122 100

105 124.7 105.9 145.9

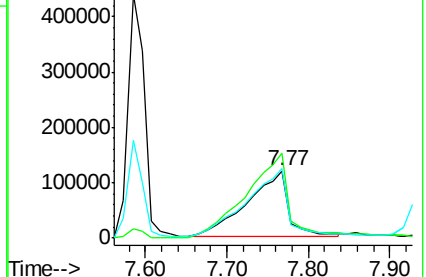
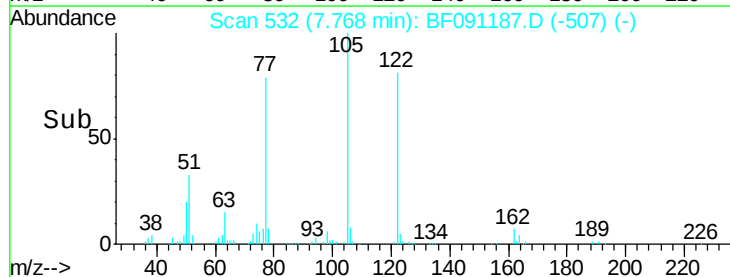
77 102.8 84.0 124.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

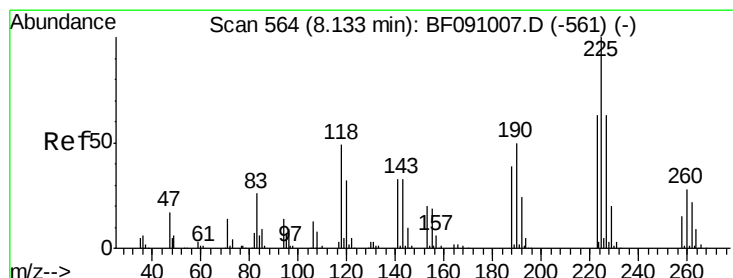
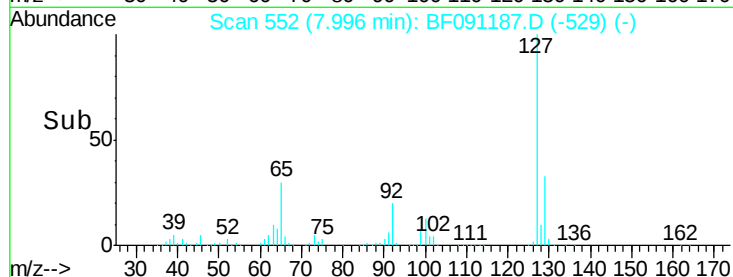
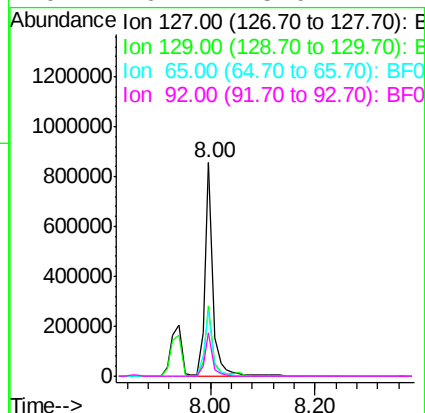
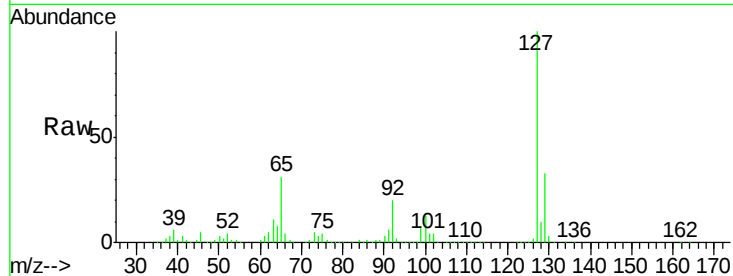




#33
4-Chloroaniline
Concen: 43.52 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

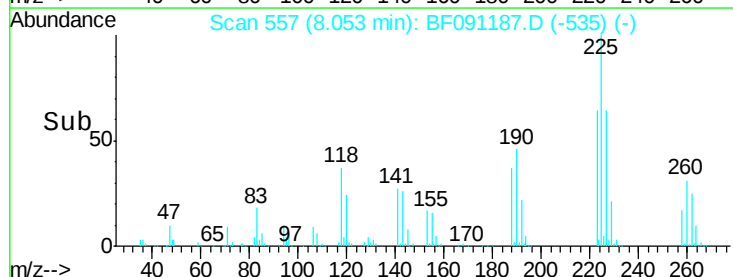
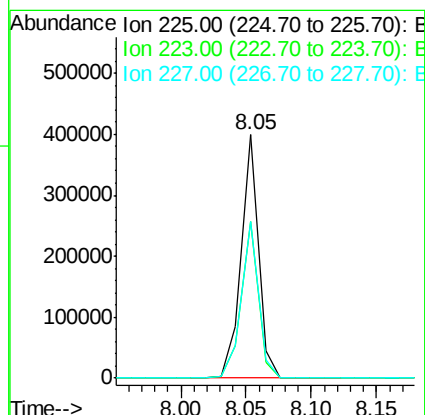
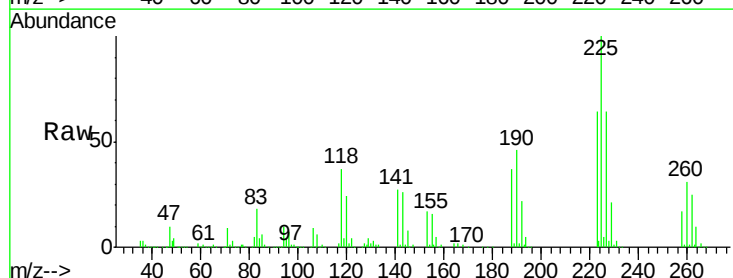
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

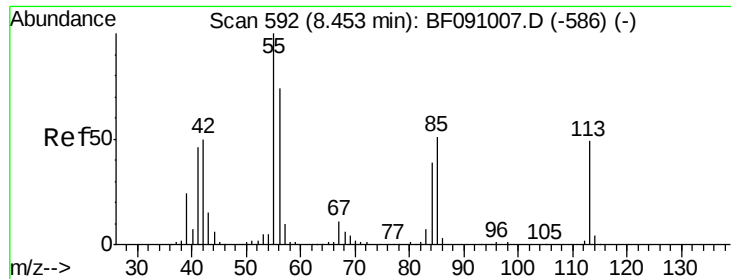
Tgt Ion:	127	Resp:	904131
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	30.7	22.2	33.2
92	20.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 46.61 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion:	225	Resp:	365389
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.4	75.6
227	64.1	50.1	75.1

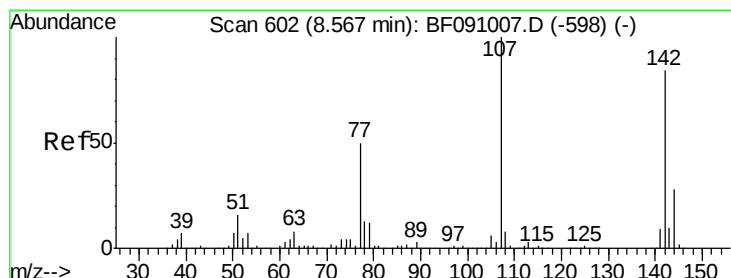
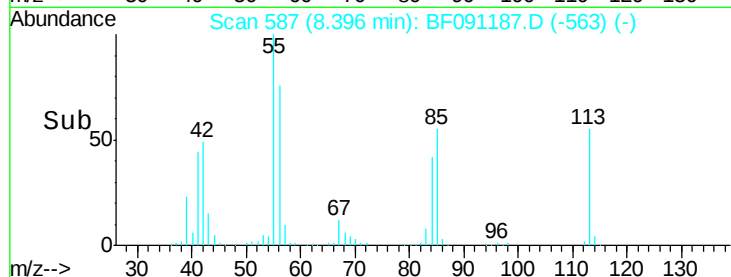
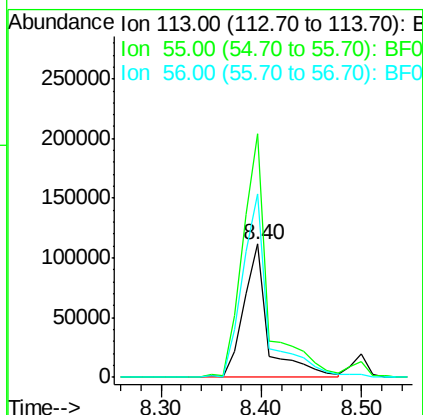
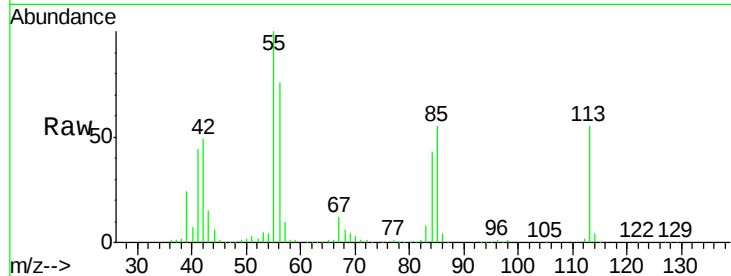




#35
 Caprolactam
 Concen: 46.61 ng
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

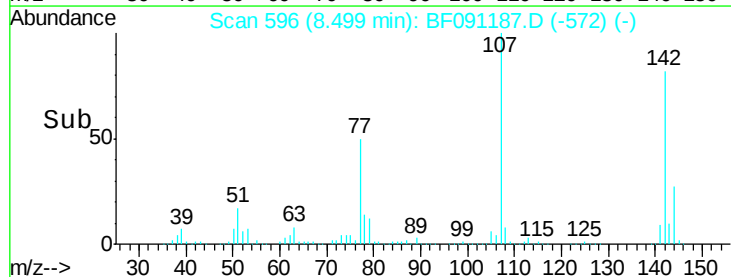
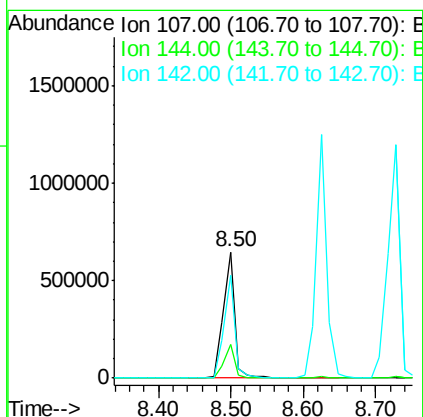
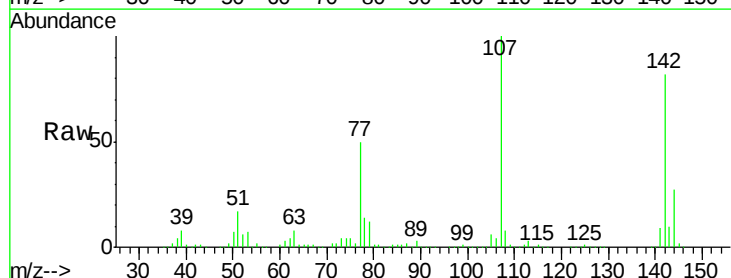
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

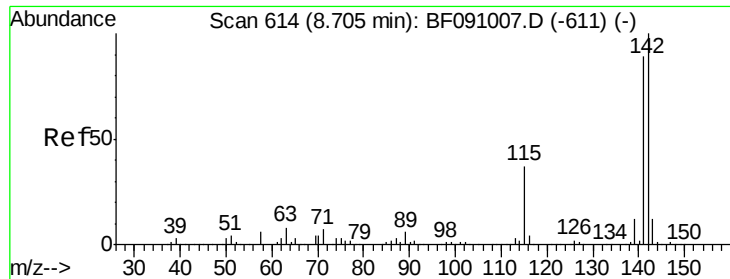
Tgt Ion:113 Resp: 189167
 Ion Ratio Lower Upper
 113 100
 55 183.0 184.1 224.1#
 56 138.2 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.72 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:107 Resp: 714941
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.5 33.7
 142 81.7 67.4 101.2

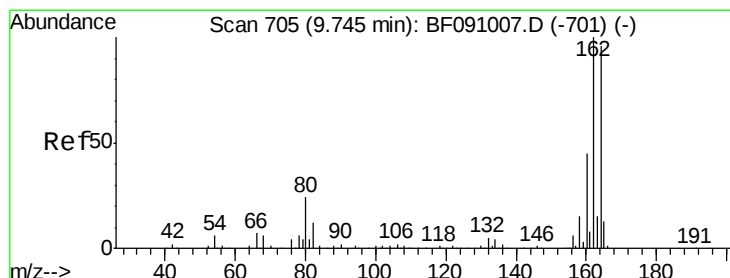
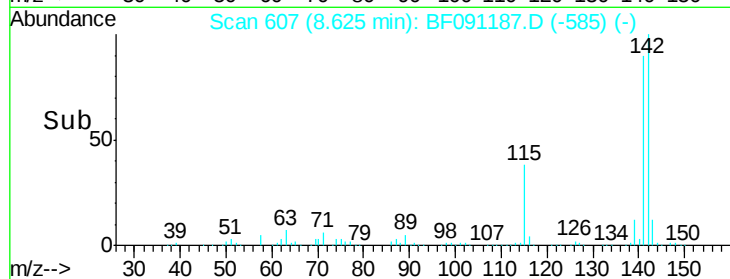
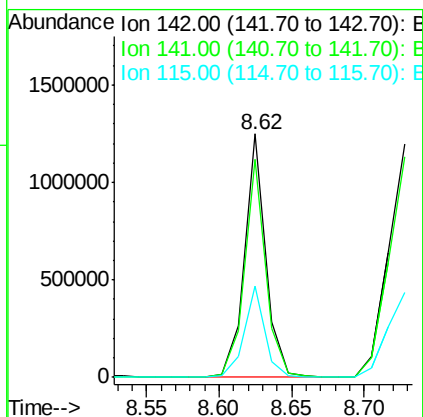
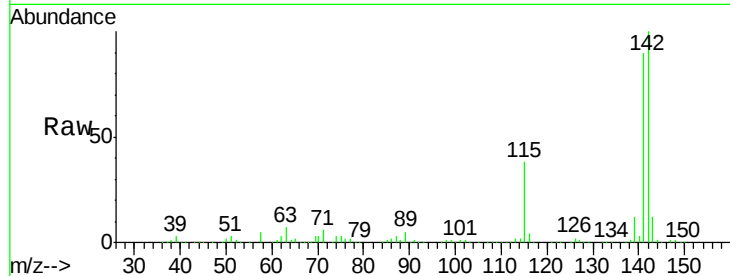




#37
 2-Methylnaphthalene
 Concen: 39.61 ng
 RT: 8.62 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

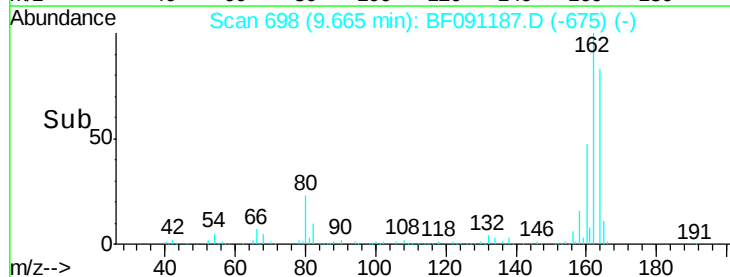
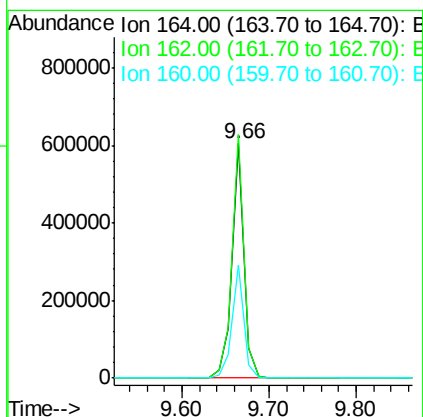
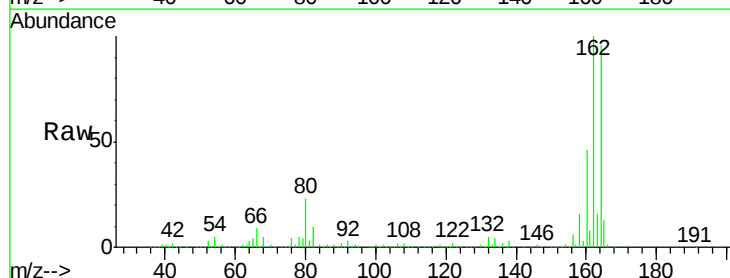
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

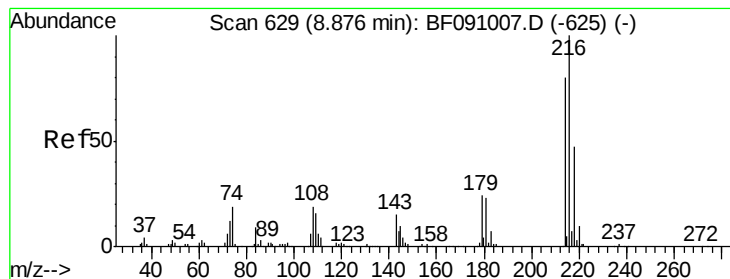
Tgt Ion:142 Resp: 1272210
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.3 106.9
 115 37.5 29.9 44.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:164 Resp: 570292
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.6 125.4
 160 48.2 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.76 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 679896

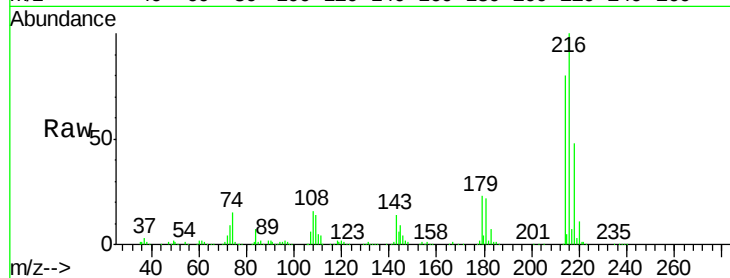
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 23.2 19.1 28.7

108 19.9 17.5 26.3

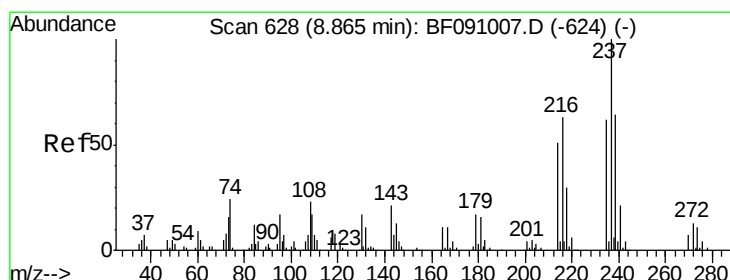
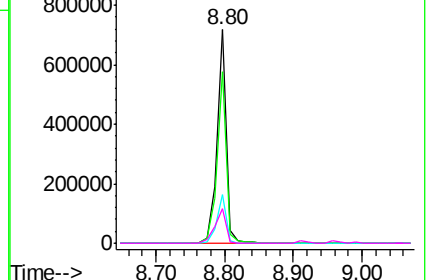
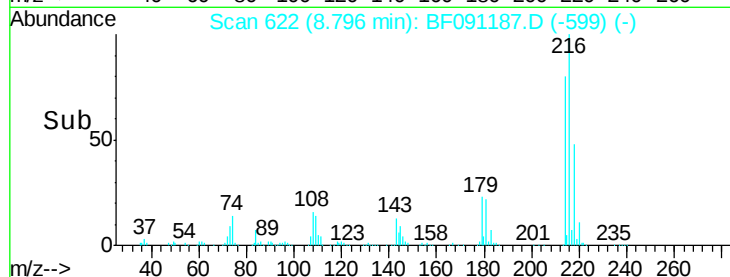


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.14 ng

RT: 8.78 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

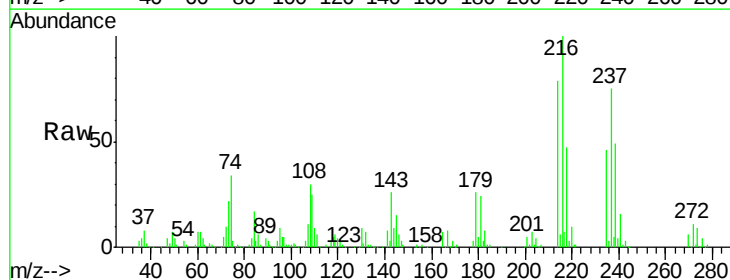
Tgt Ion:237 Resp: 180622

Ion Ratio Lower Upper

237 100

235 61.6 42.1 82.1

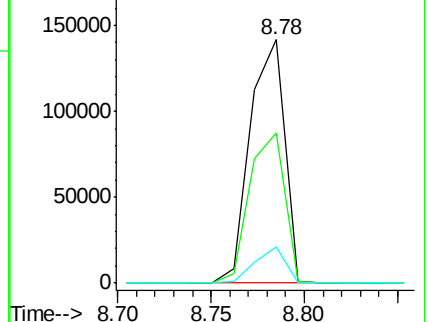
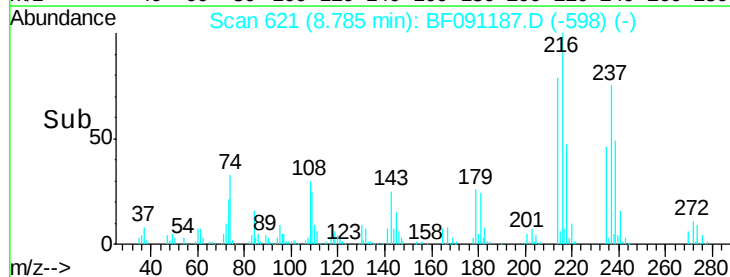
272 14.9 0.0 33.1

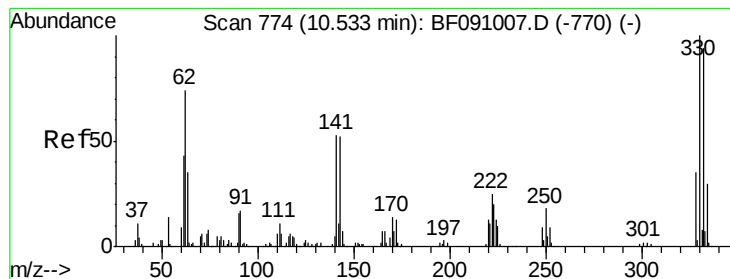


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

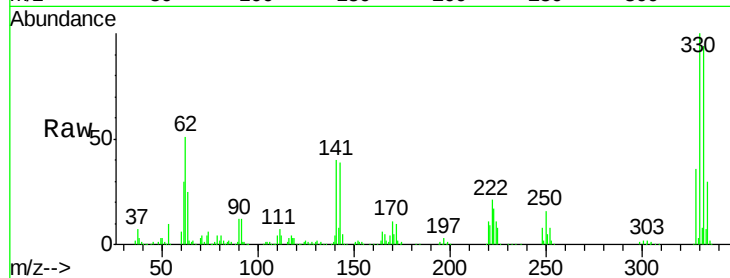




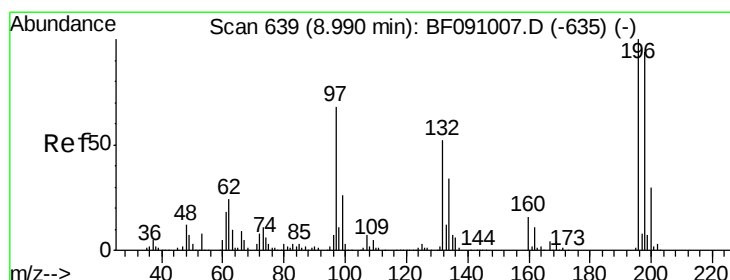
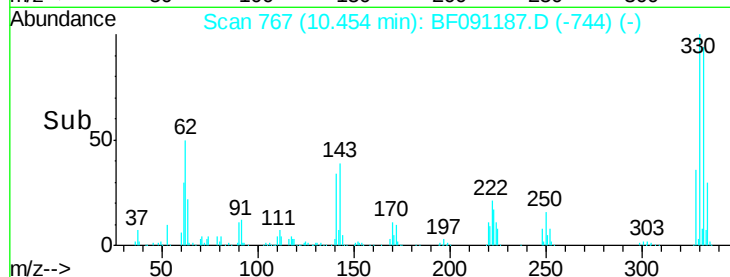
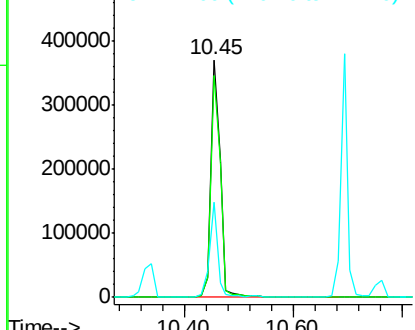
#41
 2,4,6-Tribromophenol
 Concen: 87.41 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 450672
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 34.3 36.1 54.1#

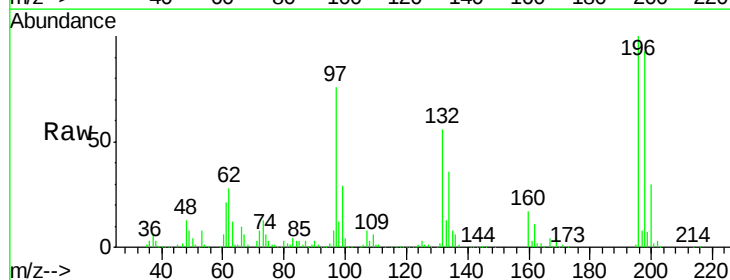


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

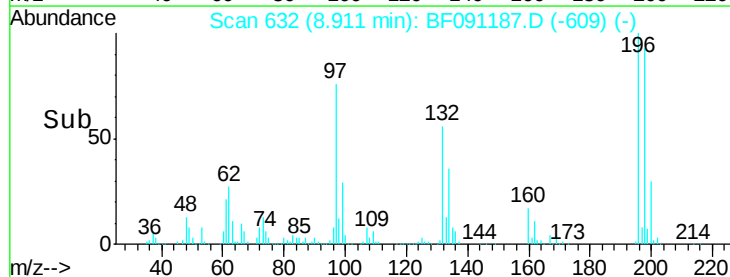
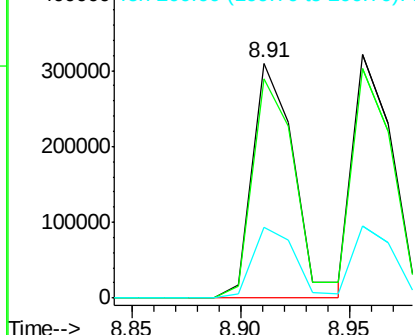


#42
 2,4,6-Trichlorophenol
 Concen: 43.99 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:196 Resp: 412954
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.4 113.0
 200 30.0 24.1 36.1



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

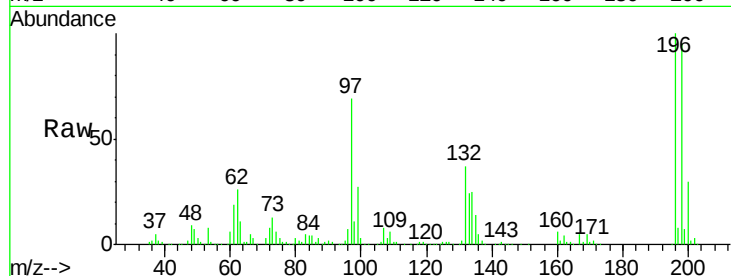




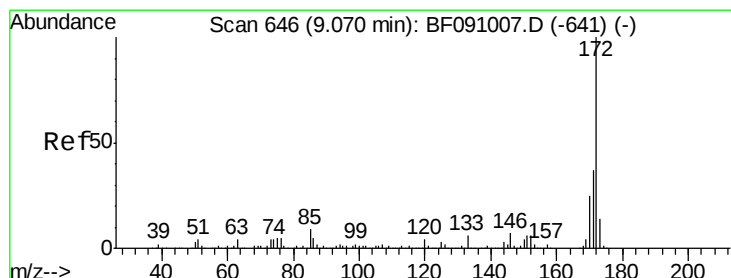
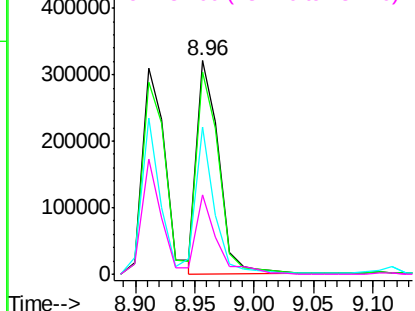
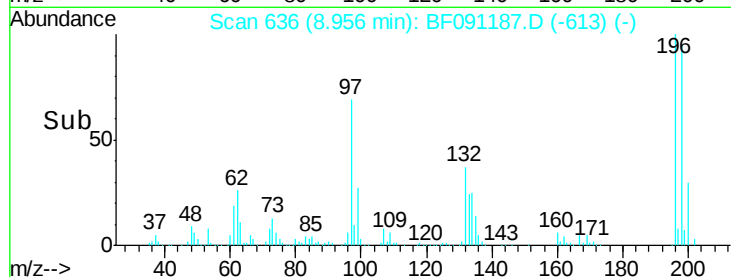
#43
 2,4,5-Trichlorophenol
 Concen: 42.08 ng
 RT: 8.96 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 414722
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.2 117.4
 97 69.1 38.8 58.2#
 132 37.0 23.5 35.3#

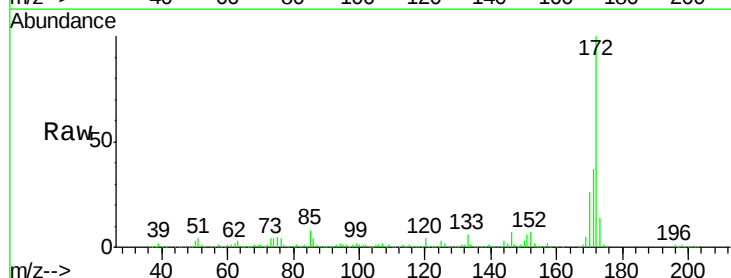


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

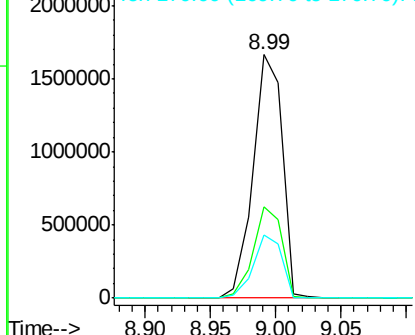
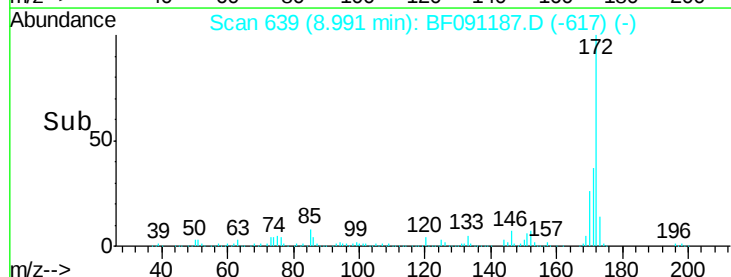


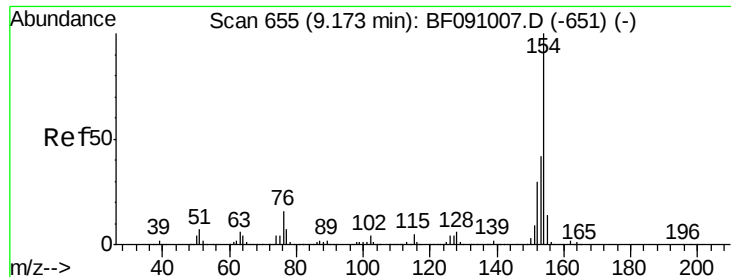
#44
 2-Fluorobiphenyl
 Concen: 78.73 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:172 Resp: 2607912
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.8 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

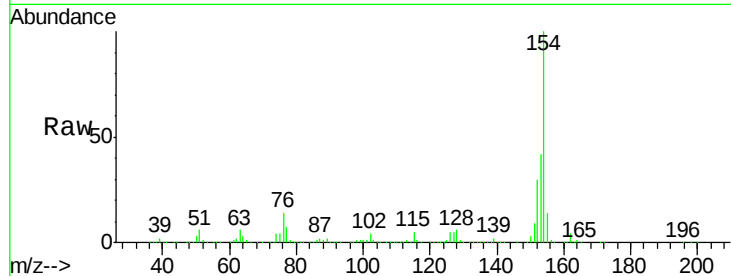




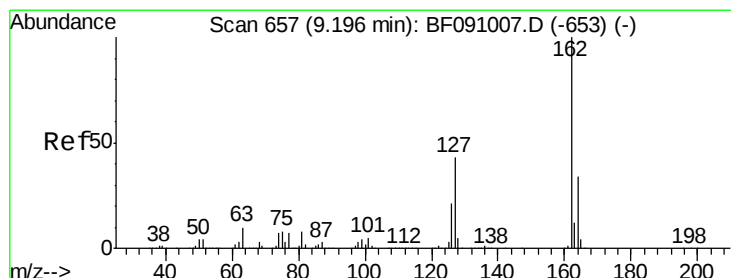
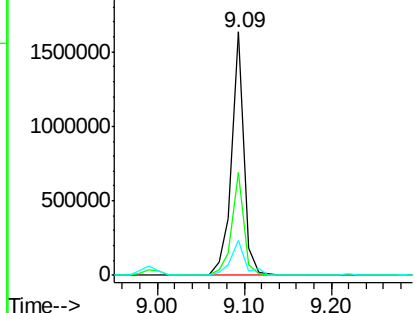
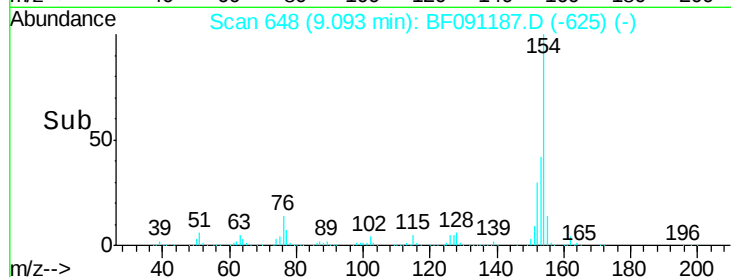
#45
 1,1'-Biphenyl
 Concen: 38.27 ng
 RT: 9.09 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1593735
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.6 61.6
 76 14.4 0.0 36.2

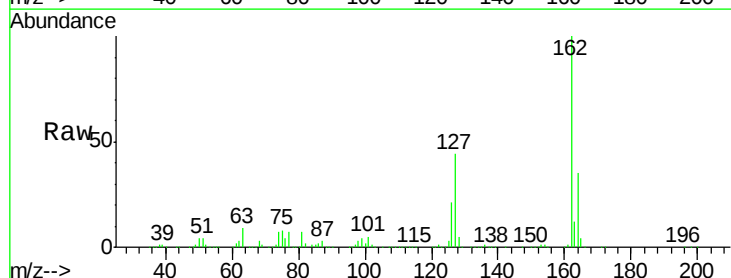


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

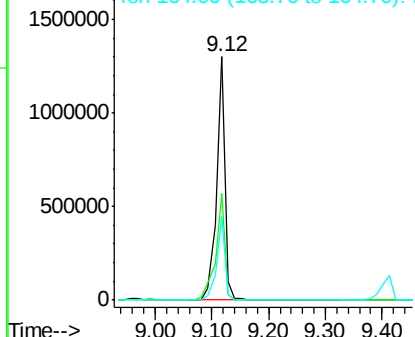
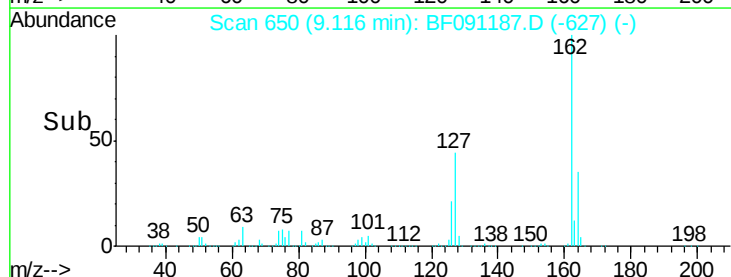


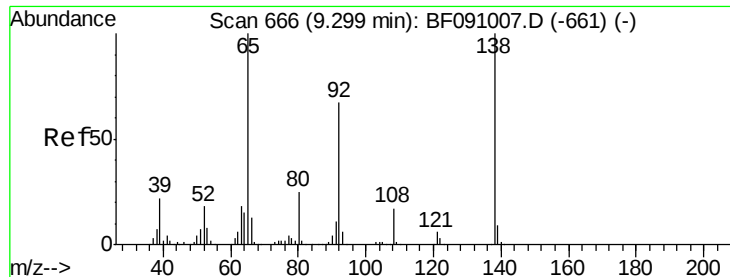
#46
 2-Chloronaphthalene
 Concen: 41.35 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:162 Resp: 1307321
 Ion Ratio Lower Upper
 162 100
 127 43.8 34.7 52.1
 164 34.5 27.0 40.4



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

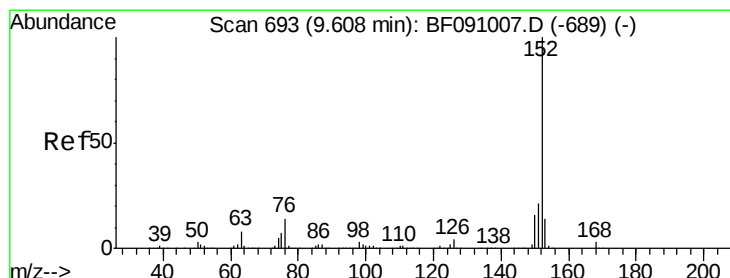
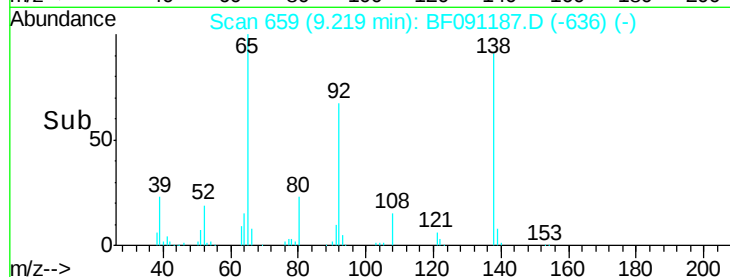
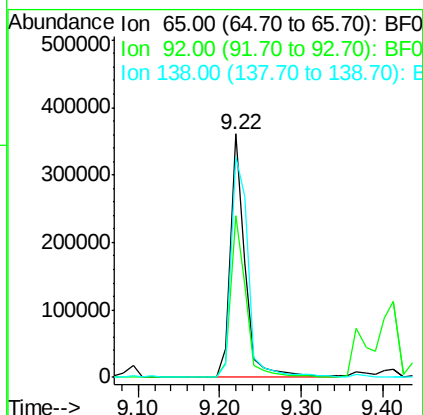
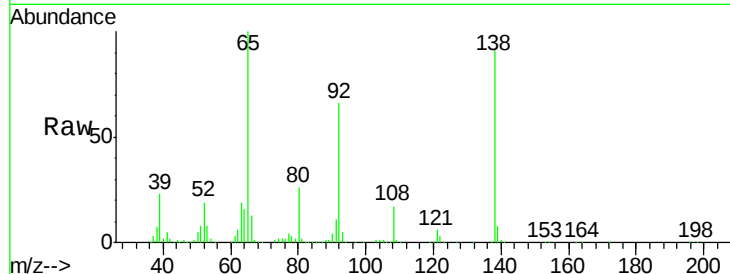




#47
2-Nitroaniline
Concen: 37.82 ng
RT: 9.22 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

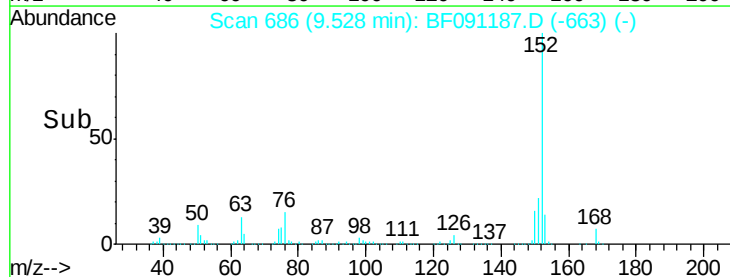
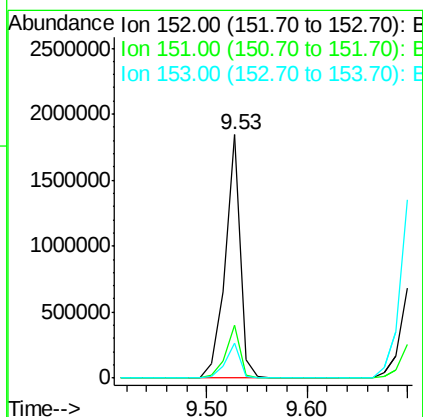
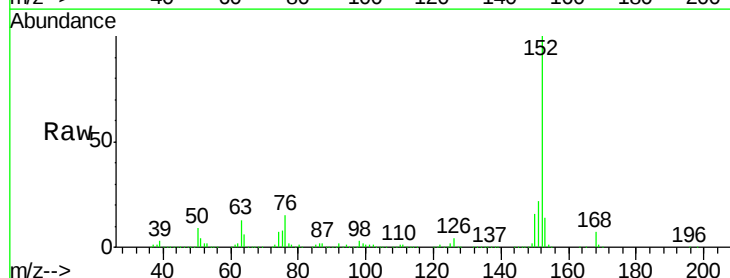
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

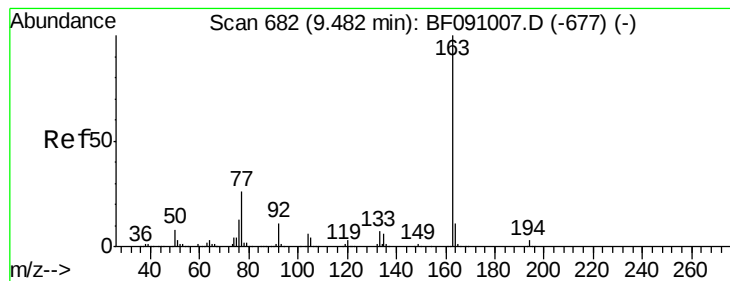
Tgt Ion: 65 Resp: 443760
Ion Ratio Lower Upper
65 100
92 66.3 53.9 80.9
138 90.8 80.1 120.1



#48
Acenaphthylene
Concen: 38.56 ng
RT: 9.53 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion: 152 Resp: 1900071
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1
153 14.2 11.1 16.7





#49

Dimethylphthalate

Concen: 45.04 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

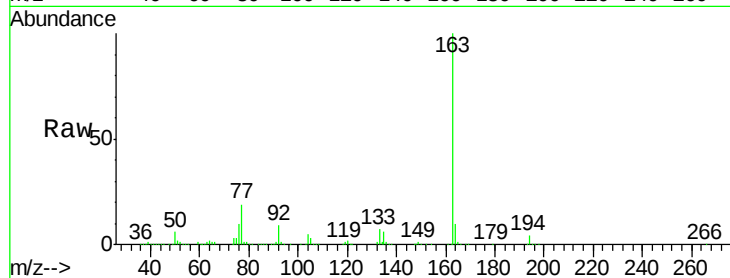
Tgt Ion:163 Resp: 1684166

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

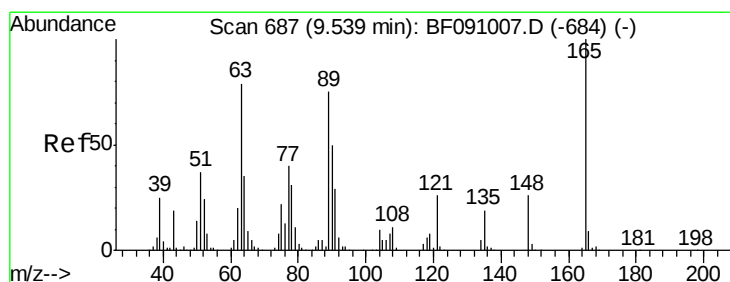
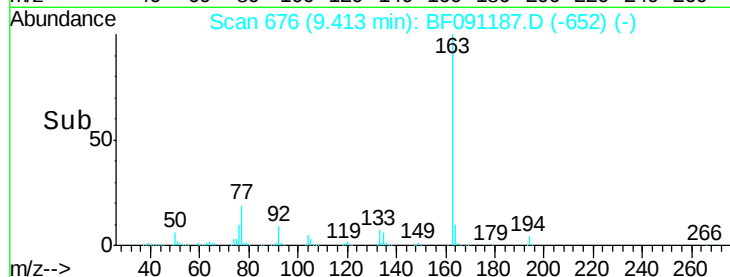
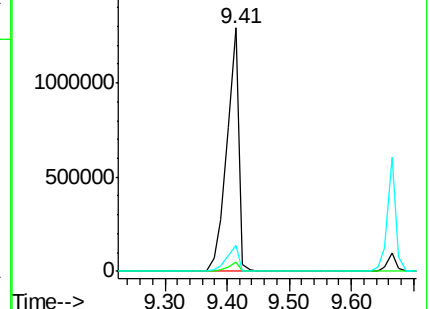
164 10.4 8.7 13.1



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: 46.07 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

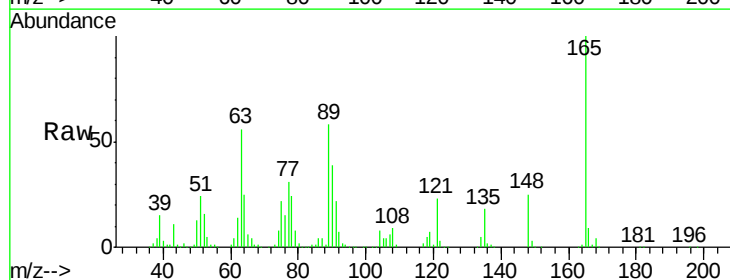
Tgt Ion:165 Resp: 369220

Ion Ratio Lower Upper

165 100

63 55.8 65.6 98.4#

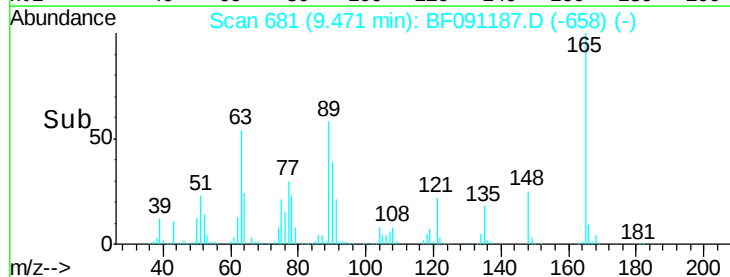
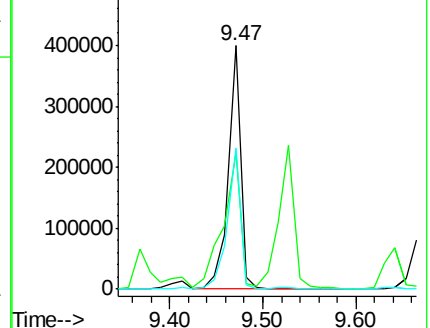
89 58.2 59.8 89.6#

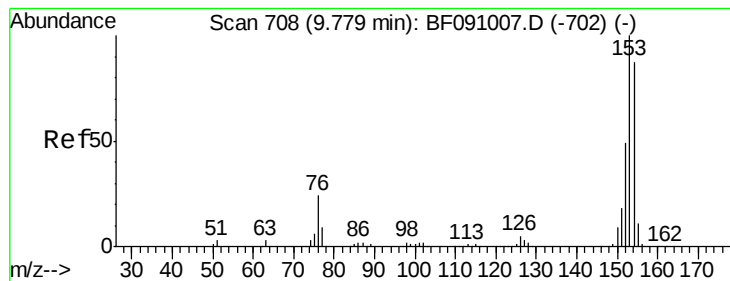


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.53 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

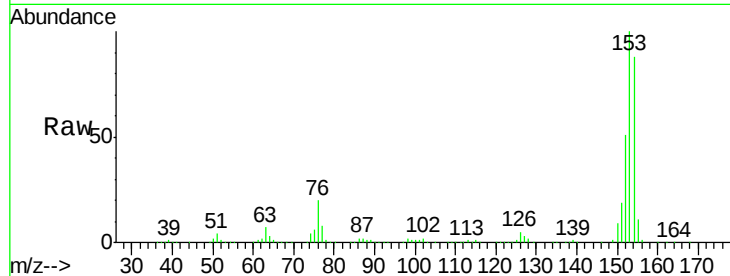
Tgt Ion:154 Resp: 1160924

Ion Ratio Lower Upper

154 100

153 113.9 91.6 137.4

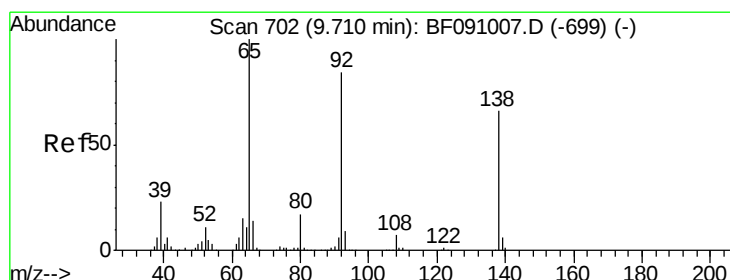
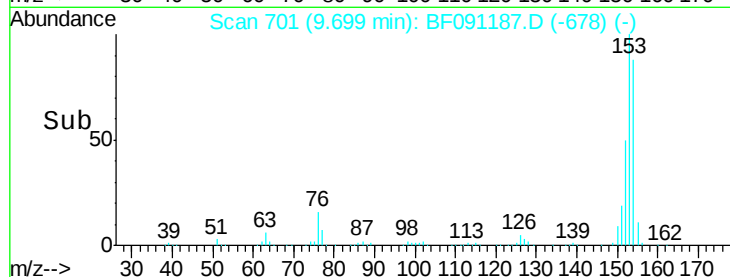
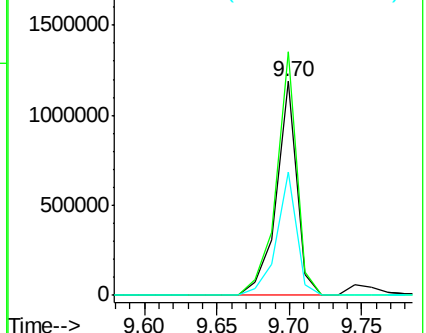
152 57.6 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.74 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

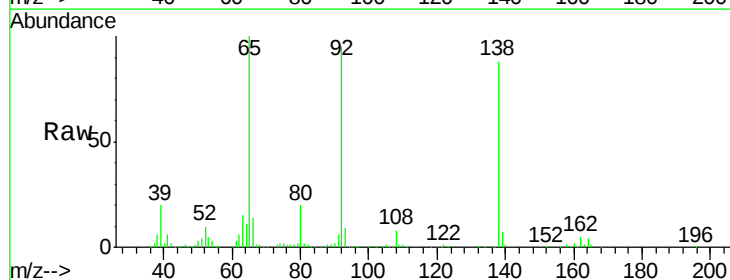
Tgt Ion:138 Resp: 453699

Ion Ratio Lower Upper

138 100

108 9.5 8.4 12.6

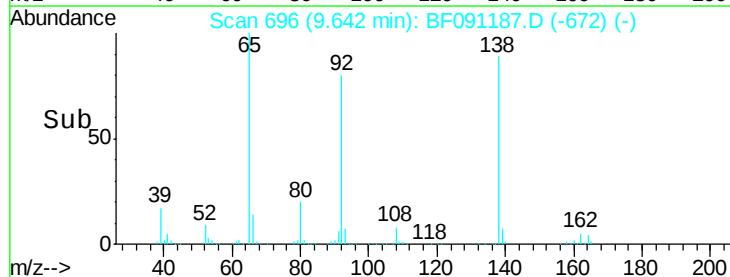
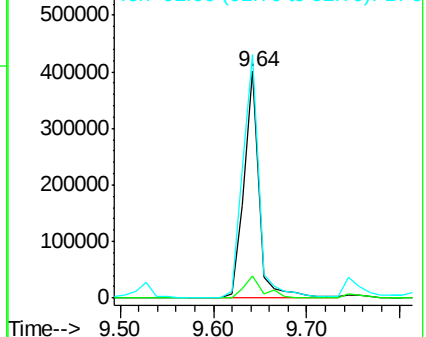
92 107.5 101.1 151.7

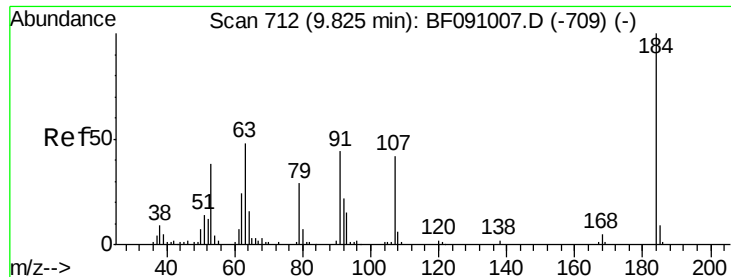


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

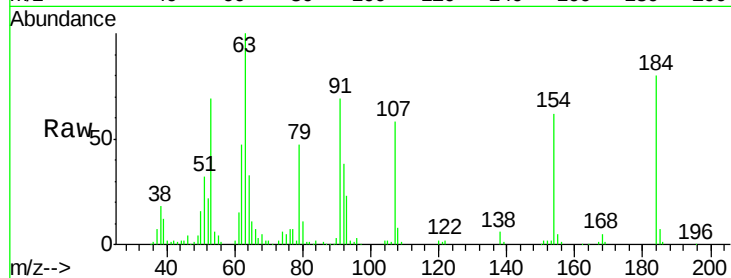




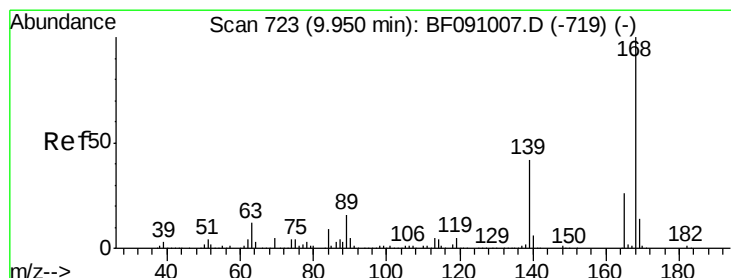
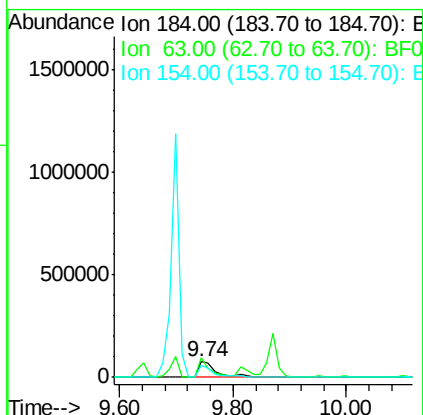
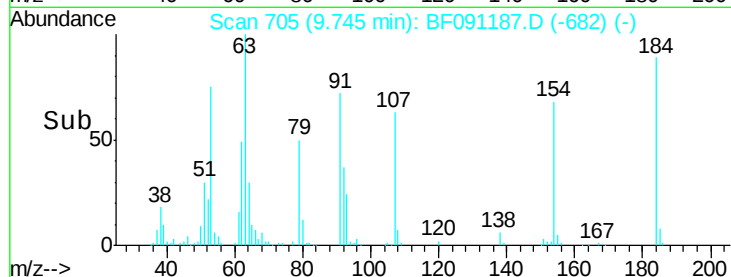
#53
2,4-Dinitrophenol
Concen: 41.08 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 164914
Ion Ratio Lower Upper
184 100
63 124.6 45.5 68.3#
154 77.3 51.0 76.4#

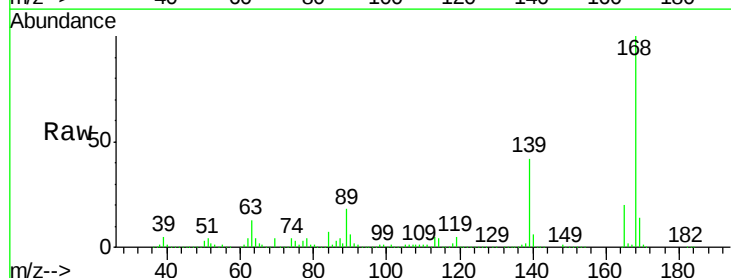


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

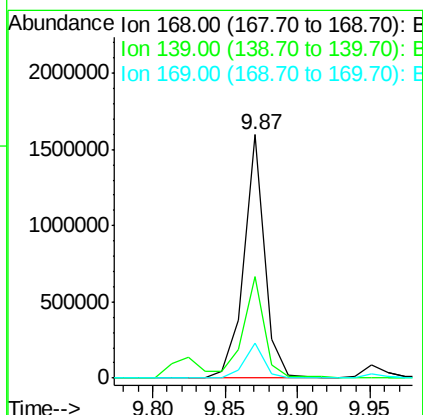
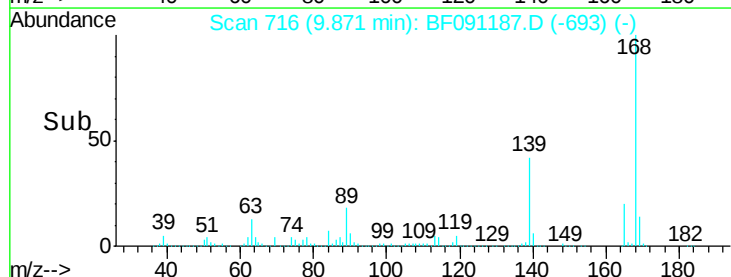


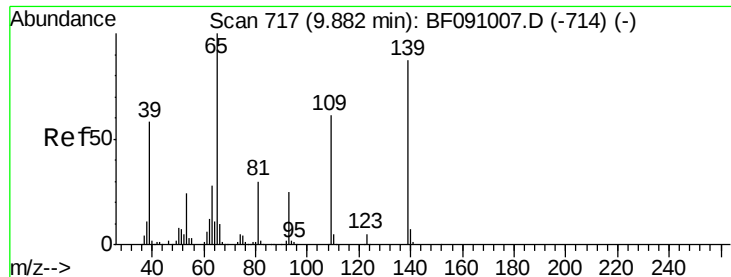
#54
Dibenzofuran
Concen: 38.09 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion:168 Resp: 1586065
Ion Ratio Lower Upper
168 100
139 42.0 34.8 52.2
169 14.2 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: 33.54 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

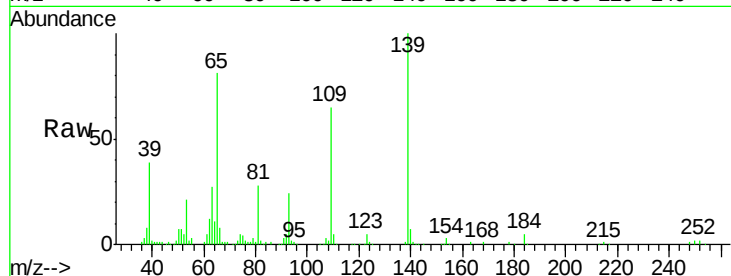
Tgt Ion:139 Resp: 189561

Ion Ratio Lower Upper

139 100

109 65.5 50.5 90.5

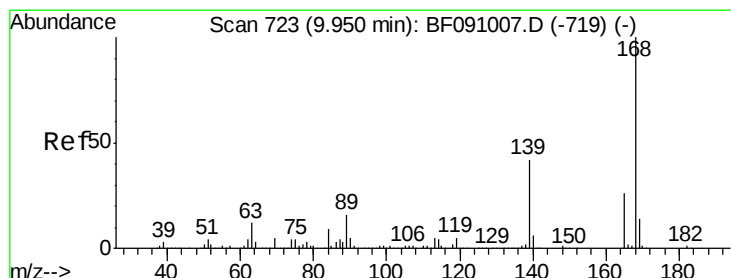
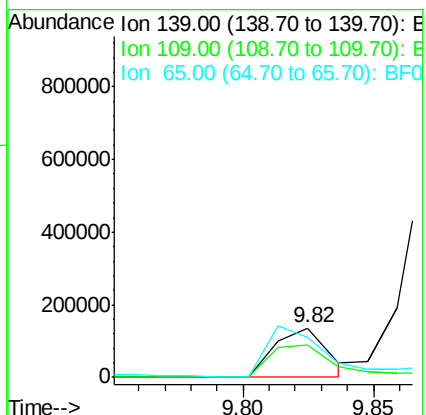
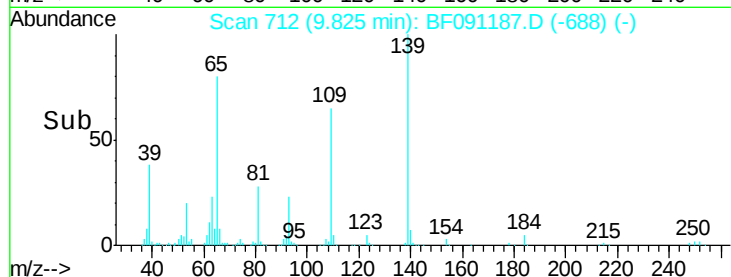
65 81.1 97.1 137.1#



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: 38.17 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Tgt Ion:165 Resp: 389238

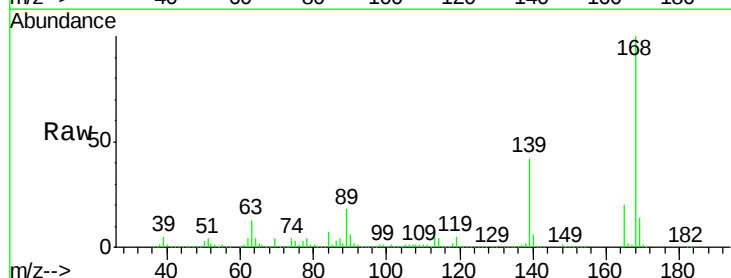
Ion Ratio Lower Upper

165 100

63 66.9 38.7 58.1#

89 89.3 50.6 76.0#

182 2.2 1.8 2.8

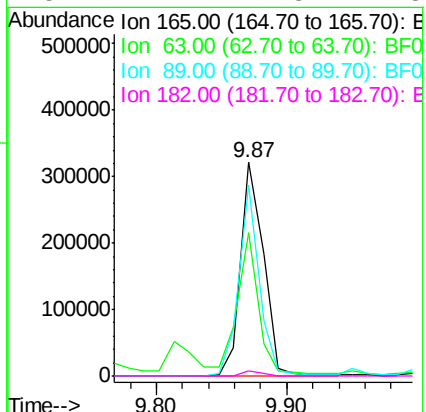
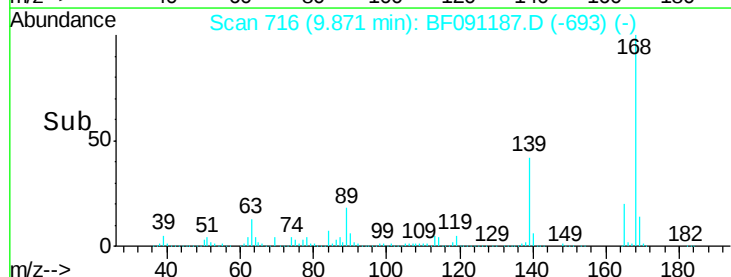


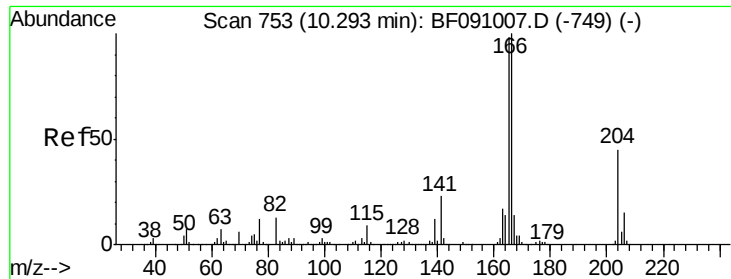
Abundance Ion 165.00 (164.70 to 165.70): E

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

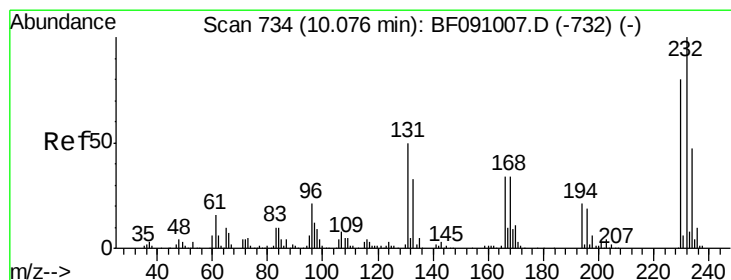
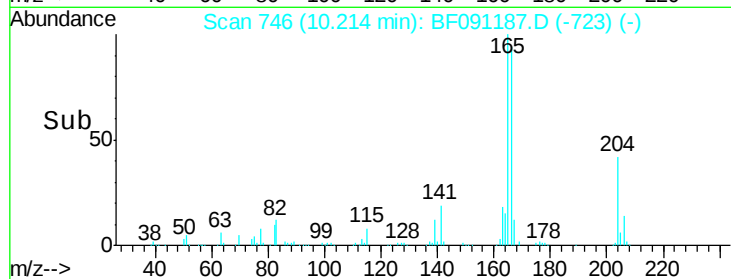
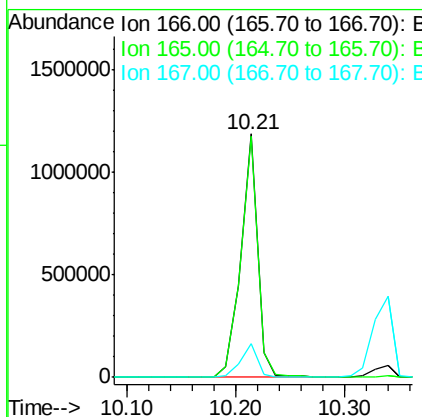
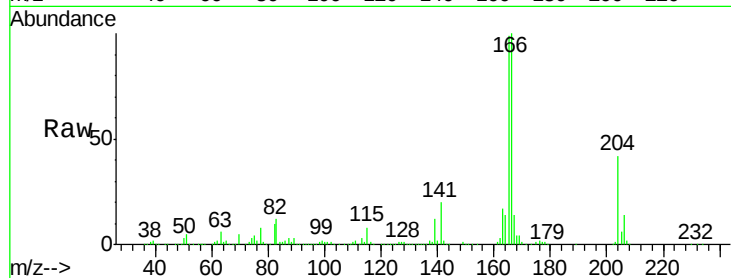




#57
Fluorene
 Concen: 36.91 ng
 RT: 10.21 min Scan# 746
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

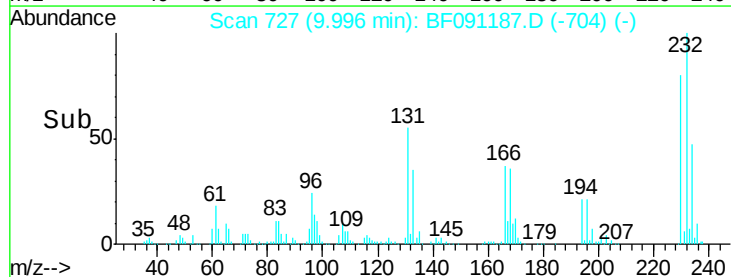
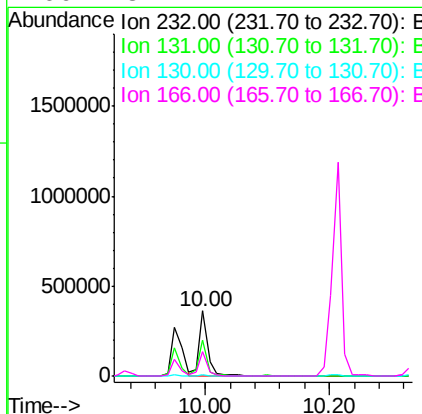
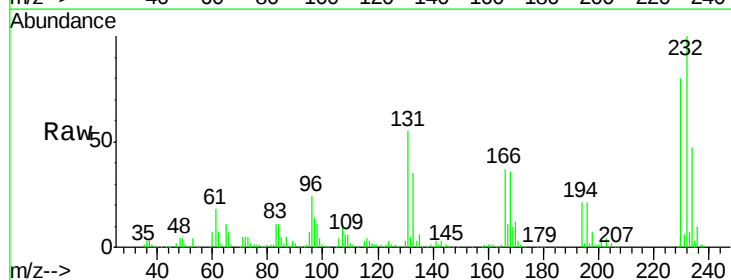
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

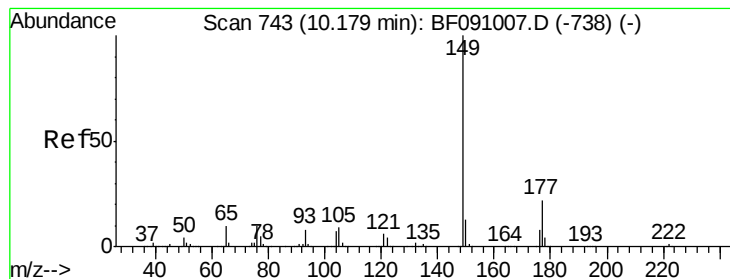
Tgt Ion:166 Resp: 1256152
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 118.0
 167 14.1 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.36 ng
 RT: 10.00 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:232 Resp: 357913
 Ion Ratio Lower Upper
 232 100
 131 53.7 43.6 65.4
 130 2.6 2.0 3.0
 166 34.2 27.4 41.2





#59

Diethylphthalate

Concen: 39.08 ng

RT: 10.10 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

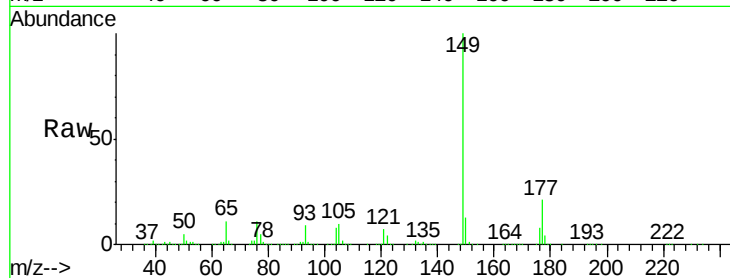
Tgt Ion:149 Resp: 1498330

Ion Ratio Lower Upper

149 100

177 21.1 17.3 25.9

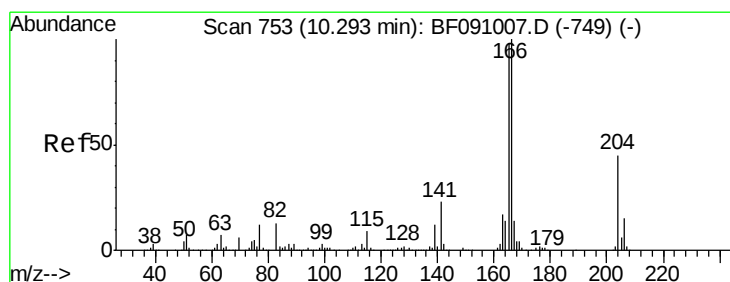
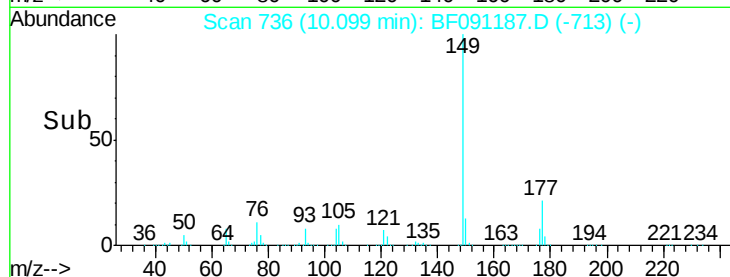
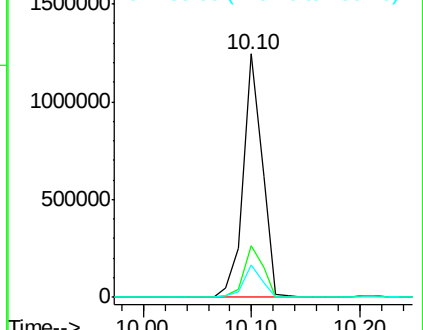
150 13.3 10.3 15.5



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: 40.92 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

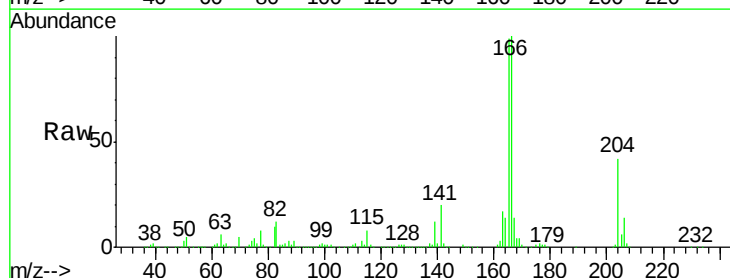
Tgt Ion:204 Resp: 633810

Ion Ratio Lower Upper

204 100

206 34.0 27.1 40.7

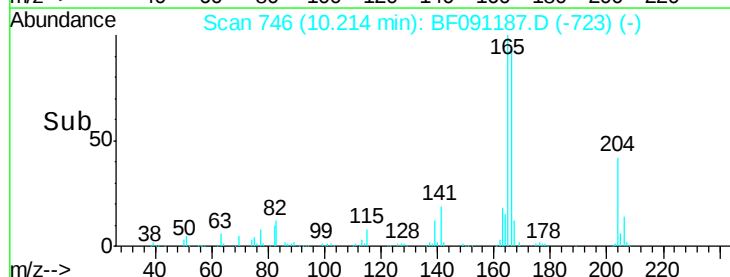
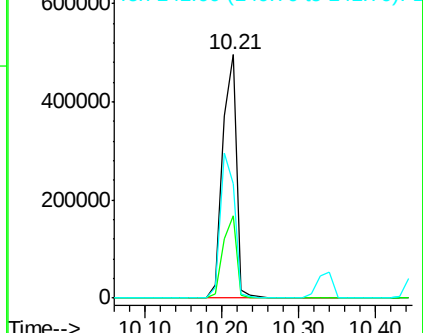
141 46.7 40.1 60.1



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

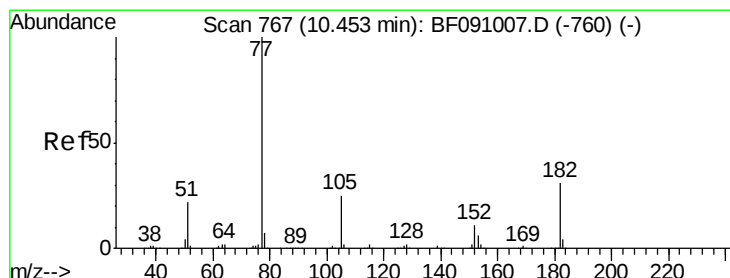
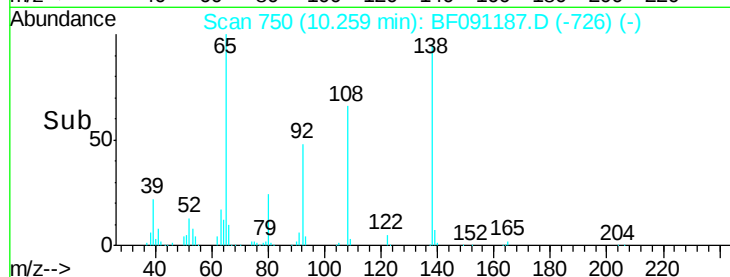
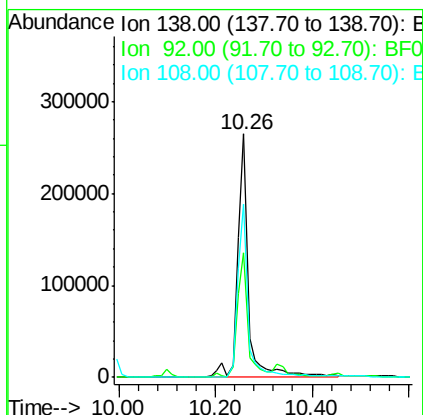
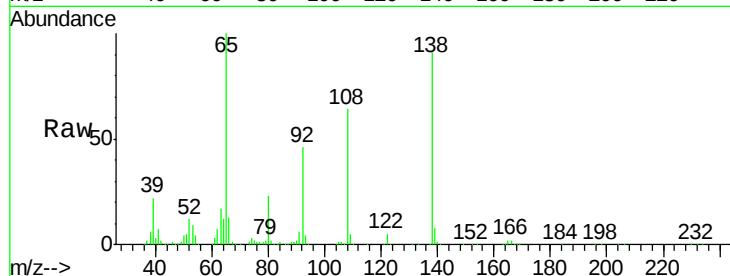




#61
4-Nitroaniline
Concen: 41.79 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

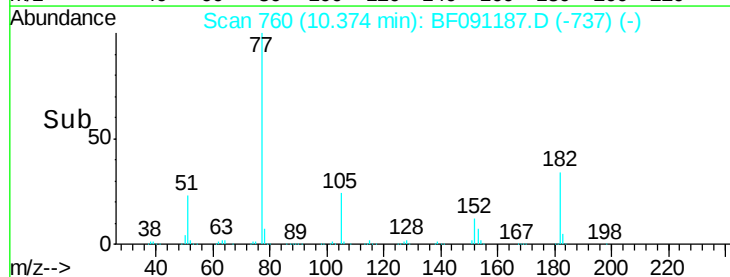
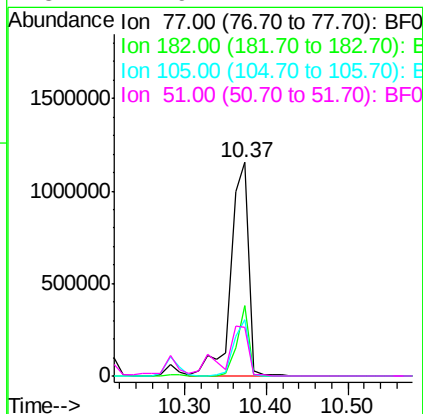
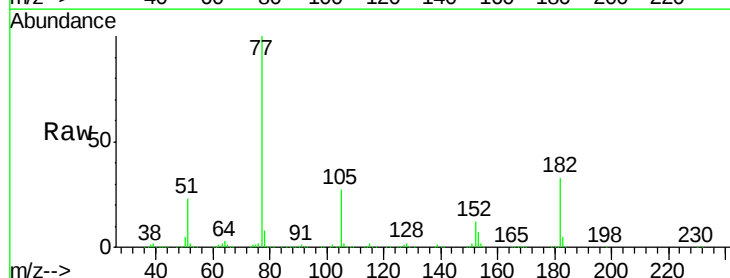
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

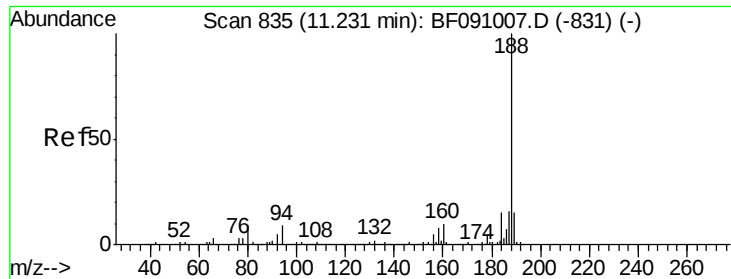
Tgt Ion: 138 Resp: 401775
Ion Ratio Lower Upper
138 100
92 51.1 32.5 72.5
108 70.9 49.4 89.4



#62
Azobenzene
Concen: 38.68 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion: 77 Resp: 1745983
Ion Ratio Lower Upper
77 100
182 33.0 11.0 51.0
105 26.7 5.6 45.6
51 22.9 2.7 42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

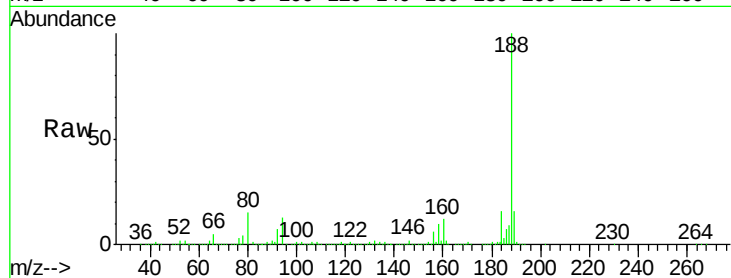
Tgt Ion:188 Resp: 933001

Ion Ratio Lower Upper

188 100

94 13.2 7.0 10.4#

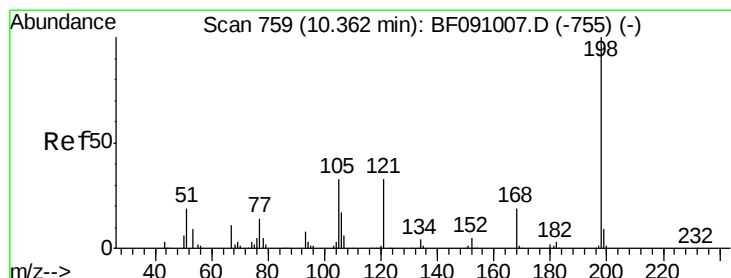
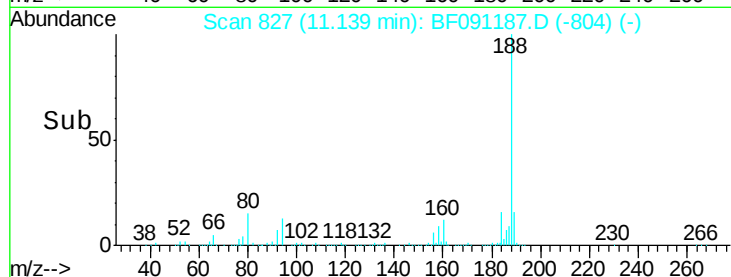
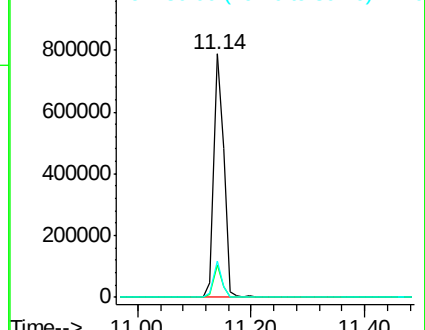
80 15.1 7.5 11.3#



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: 42.31 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

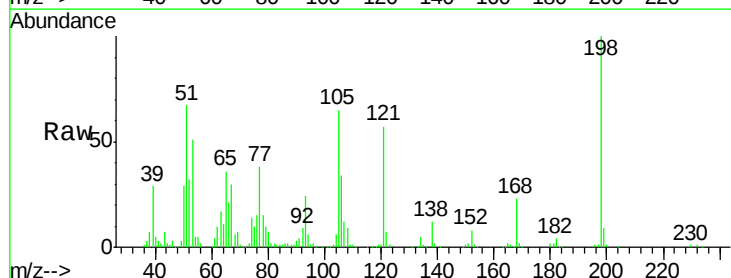
Tgt Ion:198 Resp: 241748

Ion Ratio Lower Upper

198 100

51 66.9 5.9 45.9#

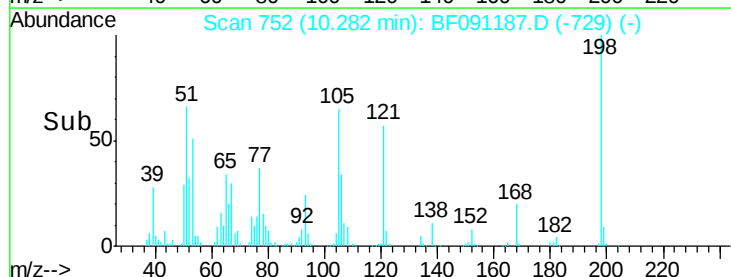
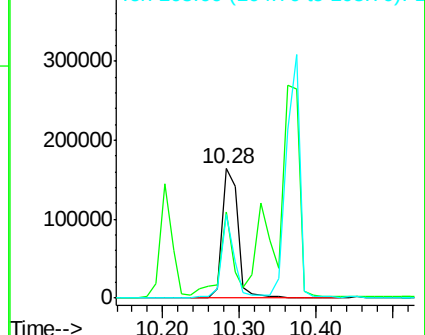
105 64.5 13.8 53.8#

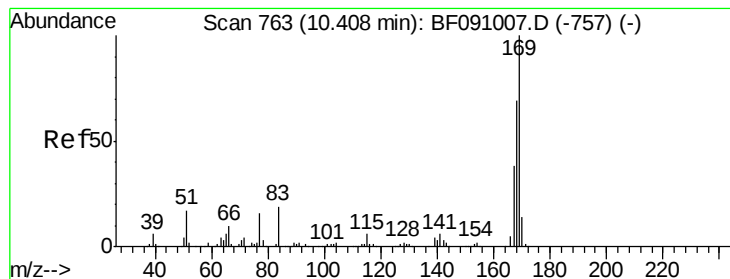


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.15 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

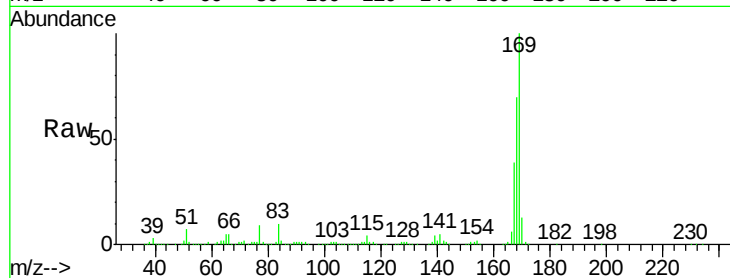
Tgt Ion:169 Resp: 1309355

Ion Ratio Lower Upper

169 100

168 69.7 55.3 82.9

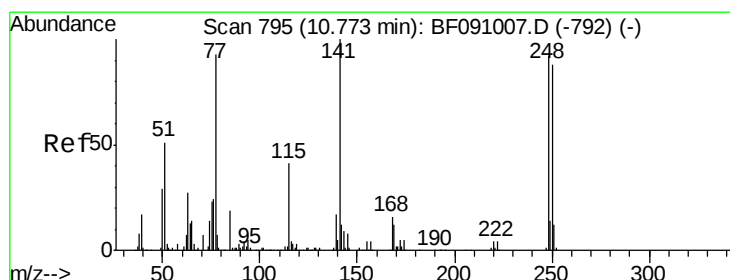
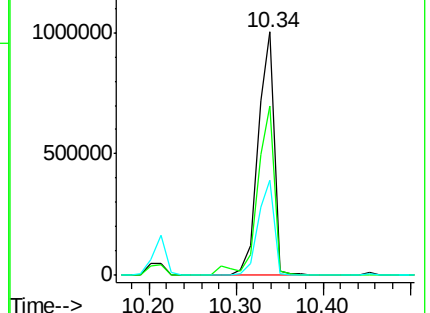
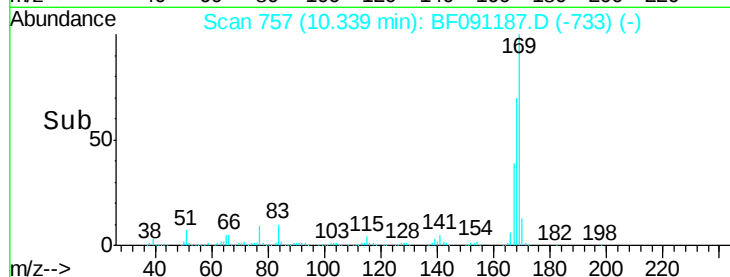
167 39.1 30.3 45.5



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: 41.38 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

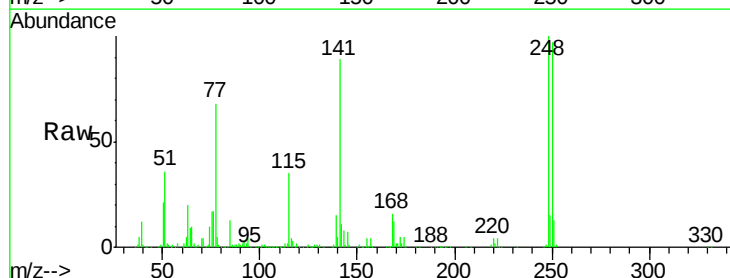
Tgt Ion:248 Resp: 401596

Ion Ratio Lower Upper

248 100

250 97.1 76.3 114.5

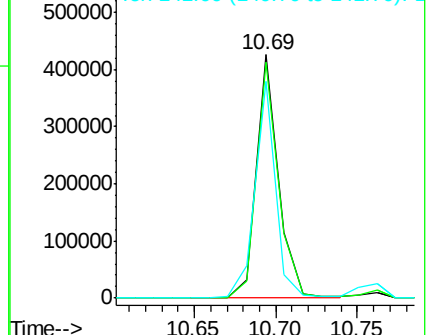
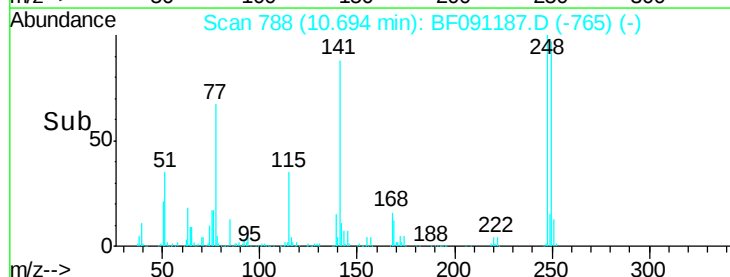
141 89.2 86.8 130.2

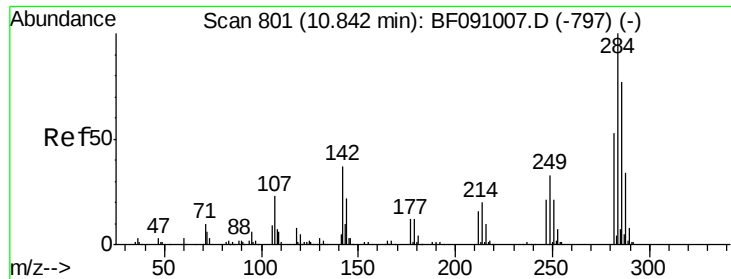


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

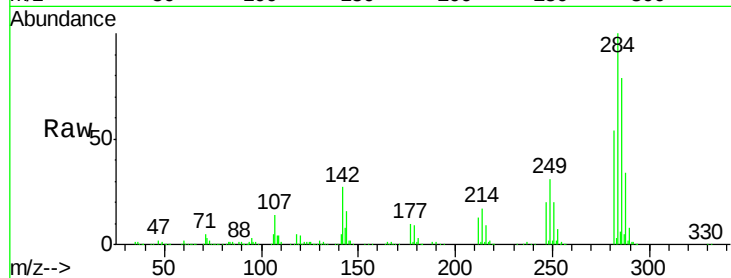




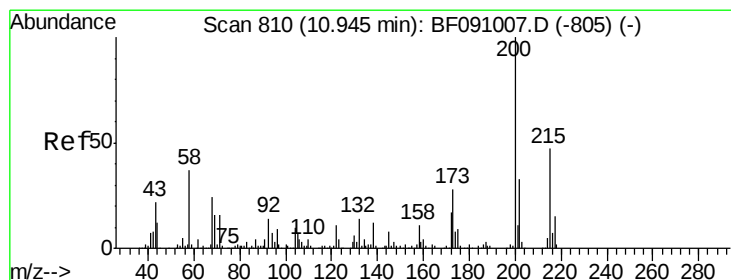
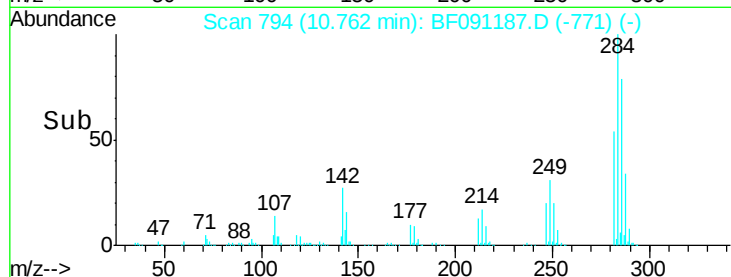
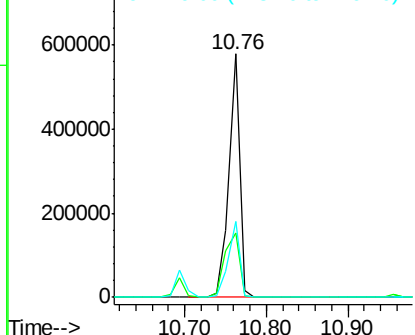
#67
Hexachlorobenzene
Concen: 49.66 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	29.9	44.9#
249	31.1	26.6	39.8

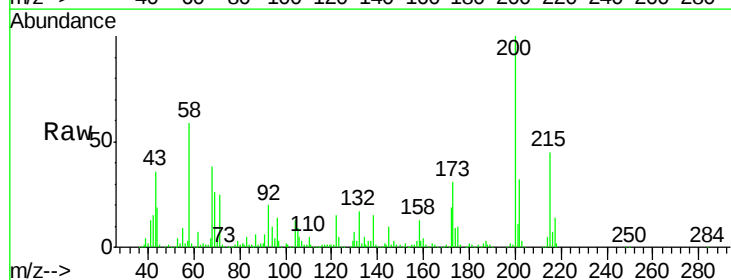


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

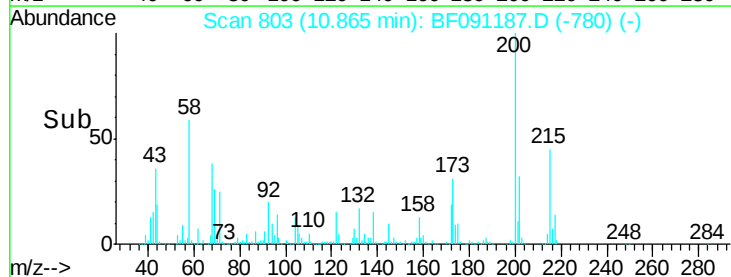
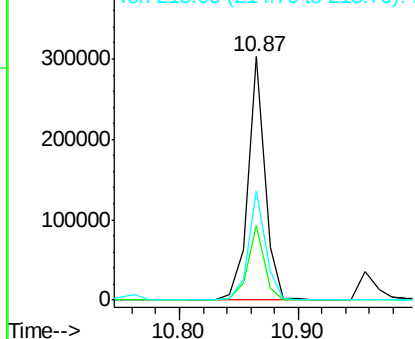


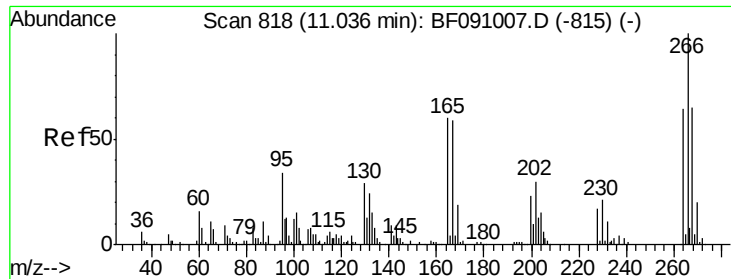
#68
Atrazine
Concen: 35.61 ng
RT: 10.87 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	8.1	48.1
215	45.0	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

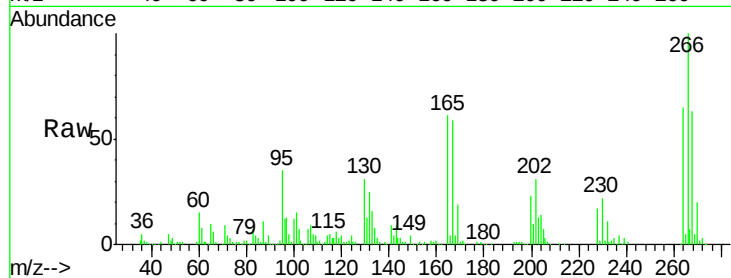




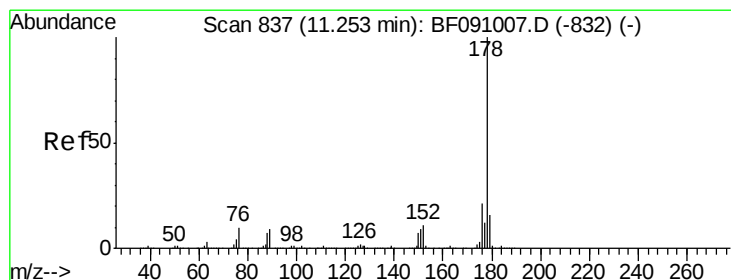
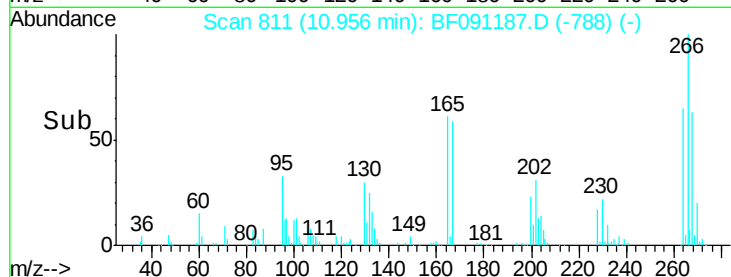
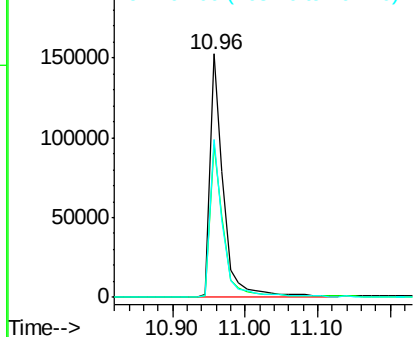
#69
 Pentachlorophenol
 Concen: 41.50 ng
 RT: 10.96 min Scan# 811
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 196717
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.1 78.1
 264 64.9 51.1 76.7

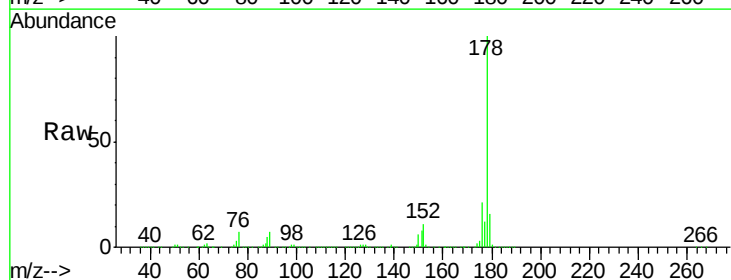


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

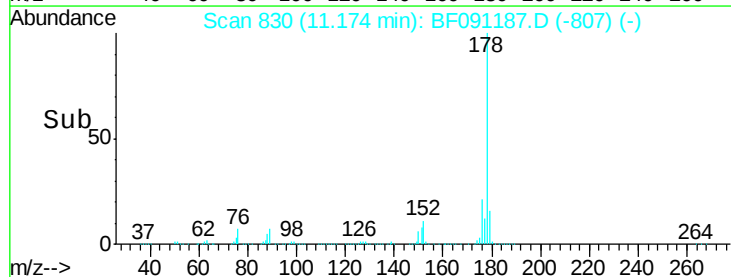
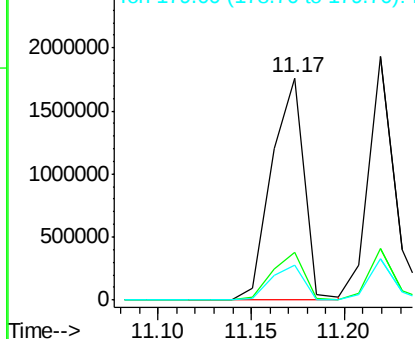


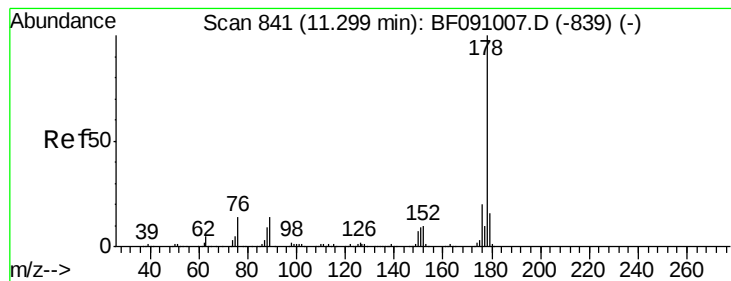
#70
 Phenanthrene
 Concen: 43.34 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:178 Resp: 2149587
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.6 25.0
 179 16.0 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: 35.35 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

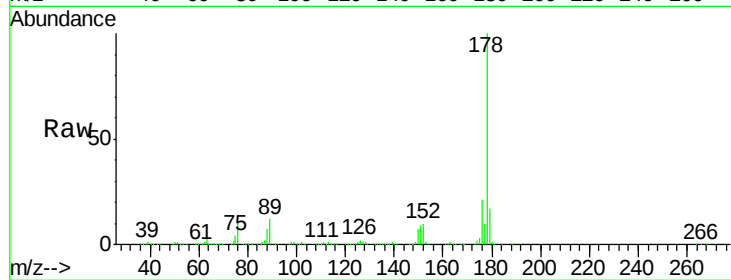
Tgt Ion:178 Resp: 1864222

Ion Ratio Lower Upper

178 100

176 21.3 16.0 24.0

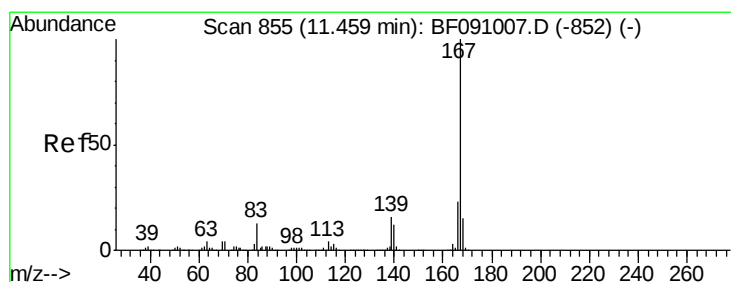
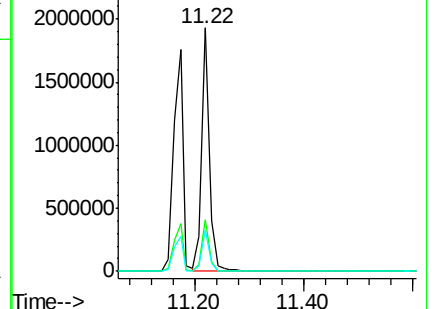
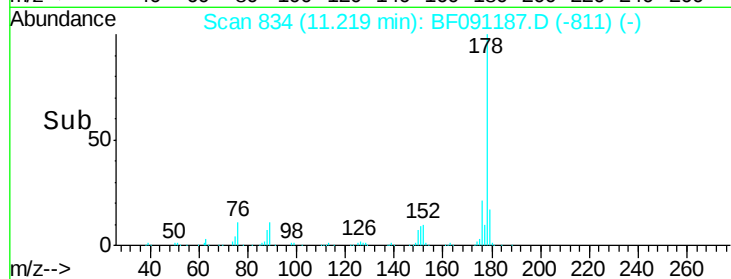
179 17.0 13.0 19.6



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: 36.26 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

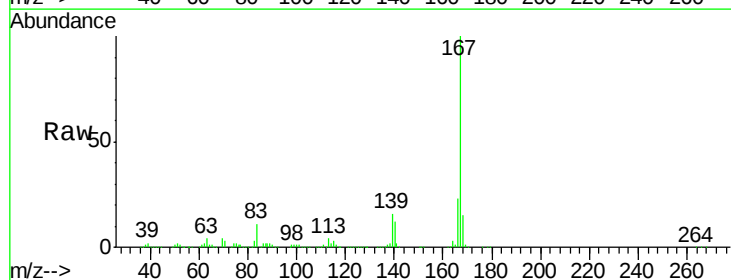
Tgt Ion:167 Resp: 1722994

Ion Ratio Lower Upper

167 100

166 23.2 18.0 27.0

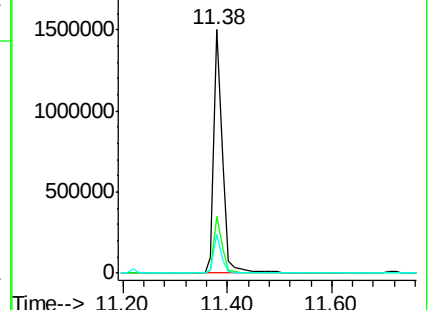
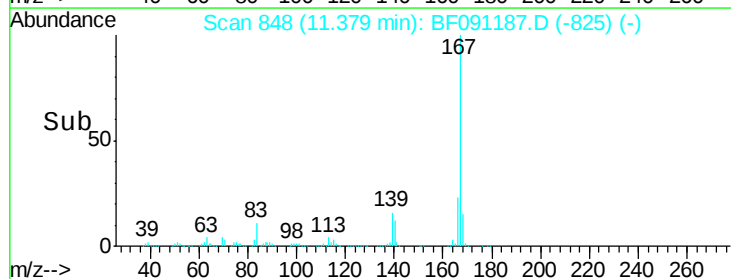
139 15.7 12.6 18.8

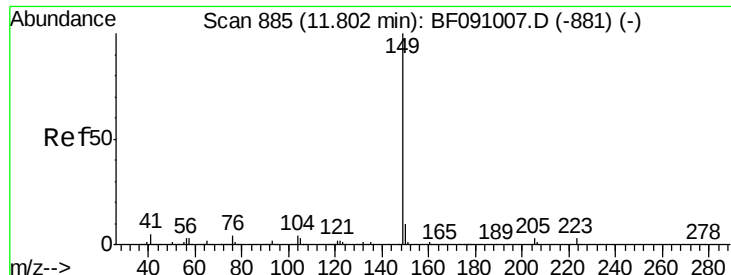


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.30 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

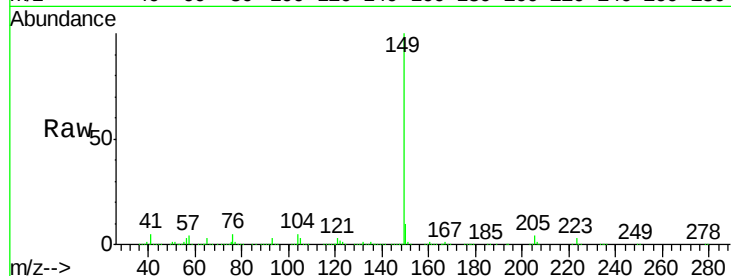
Tgt Ion:149 Resp: 2348797

Ion Ratio Lower Upper

149 100

150 10.4 7.7 11.5

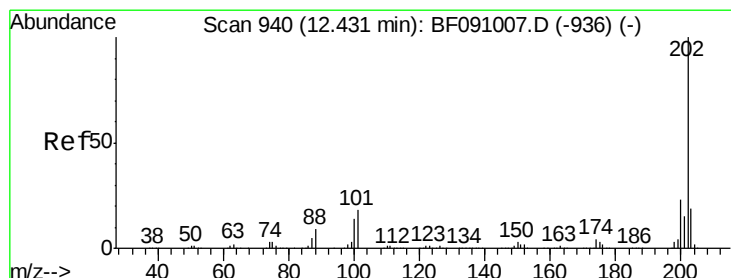
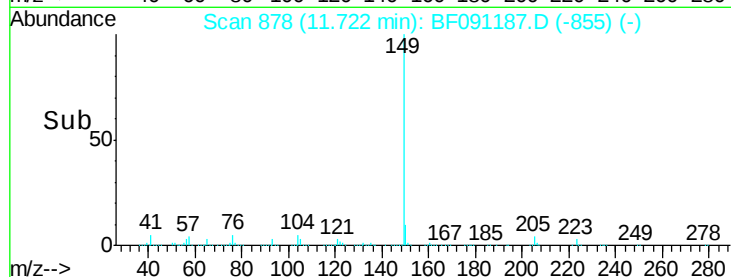
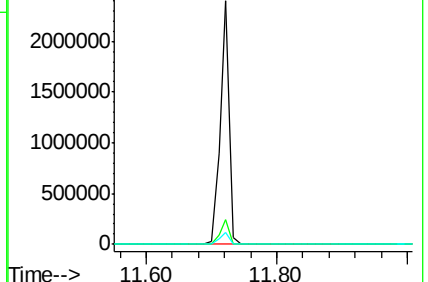
104 5.1 3.6 5.4



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: 36.46 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

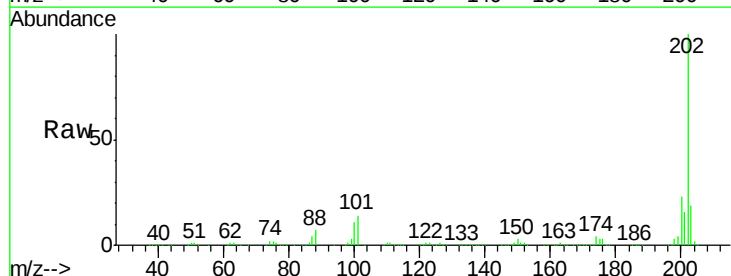
Tgt Ion:202 Resp: 1875594

Ion Ratio Lower Upper

202 100

101 14.3 0.0 37.6

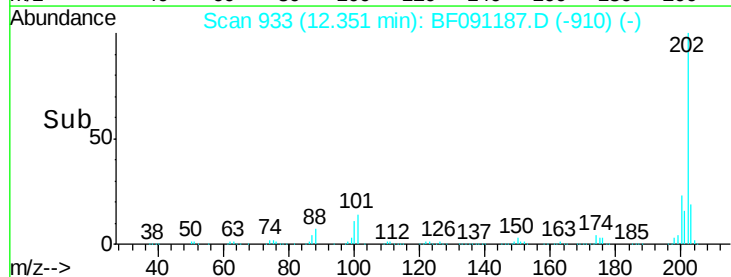
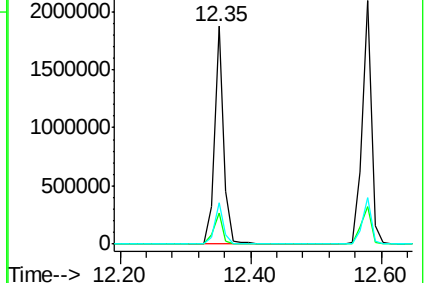
203 19.1 0.0 38.6

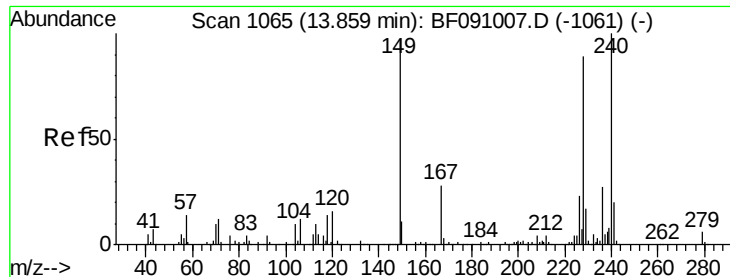


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

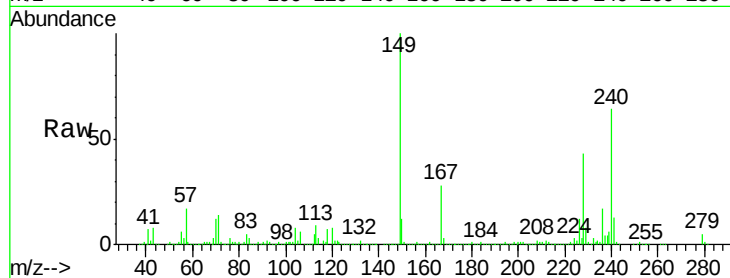
Tgt Ion:240 Resp: 675928

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3#

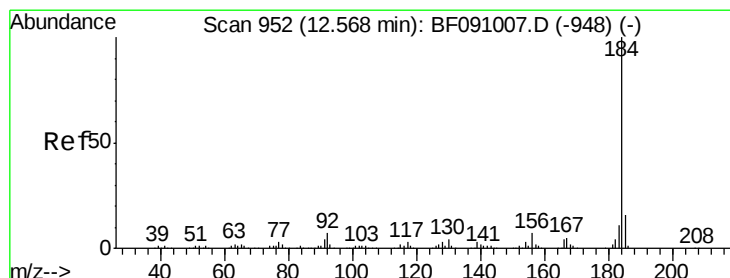
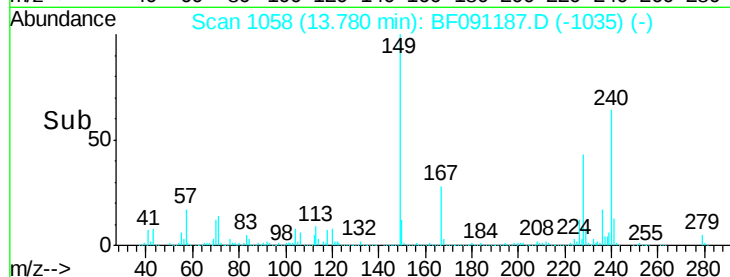
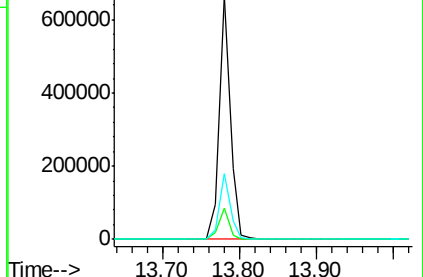
236 26.8 21.9 32.9



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: 38.09 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

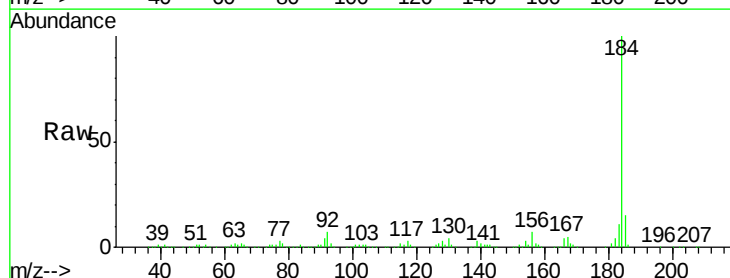
Tgt Ion:184 Resp: 575207

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

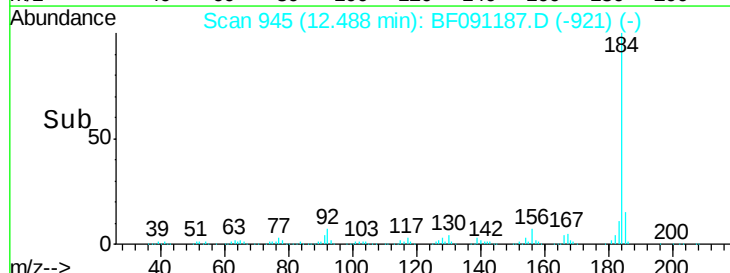
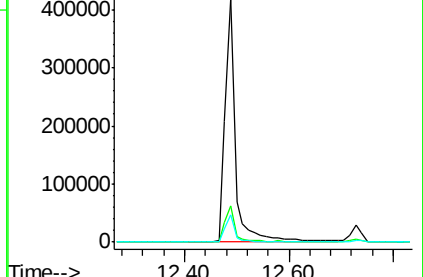
183 11.2 8.7 13.1

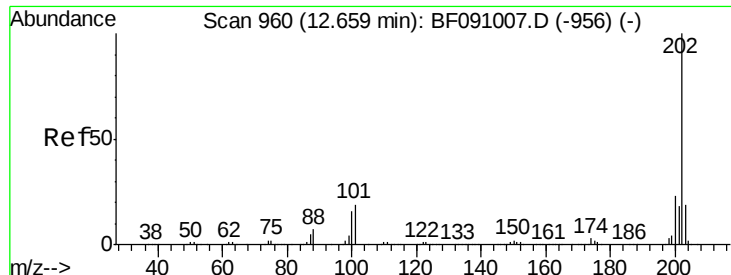


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

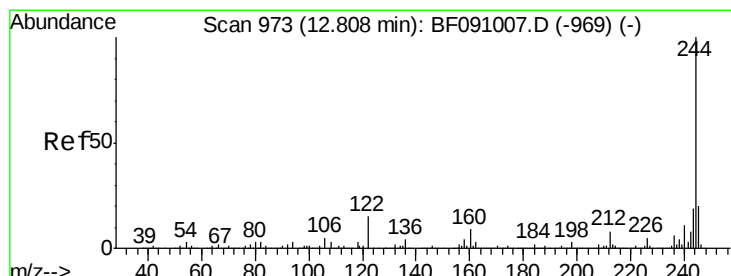
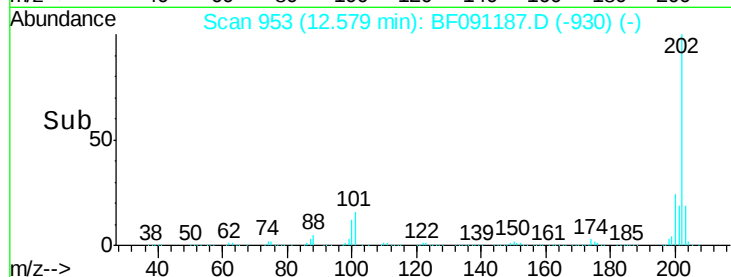
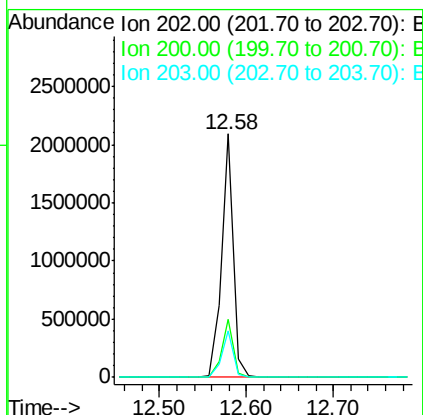
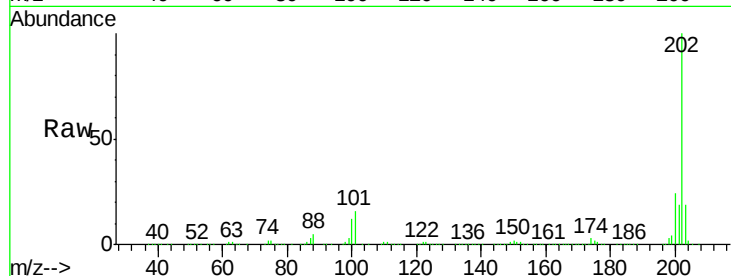




#77
 Pyrene
 Concen: 45.07 ng
 RT: 12.58 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

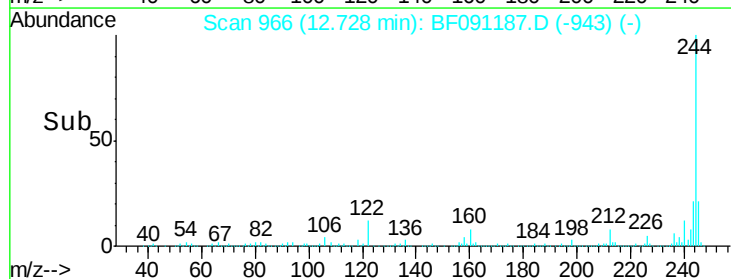
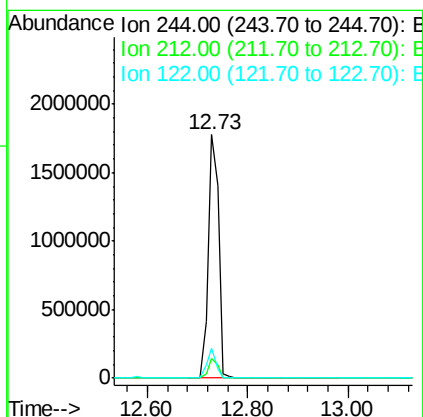
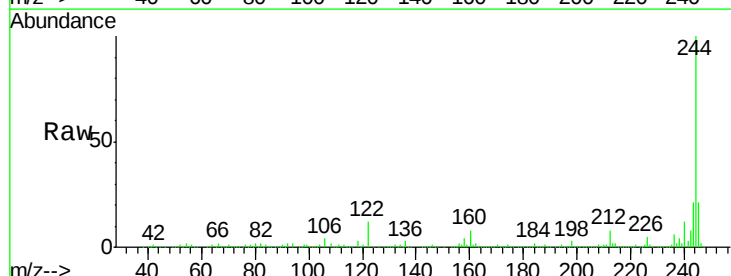
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

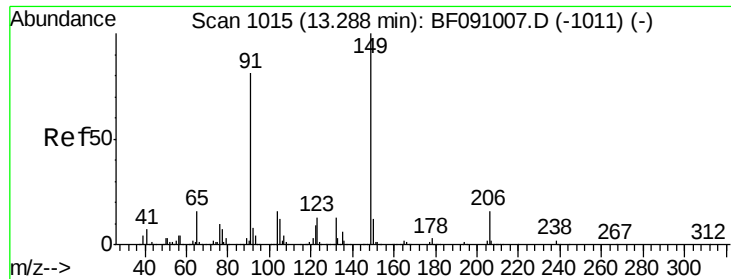
Tgt Ion: 202 Resp: 1995075
 Ion Ratio Lower Upper
 202 100
 200 24.0 18.4 27.6
 203 19.1 15.0 22.6



#78
 Terphenyl-d14
 Concen: 93.13 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion: 244 Resp: 2522508
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 12.4 12.3 18.5

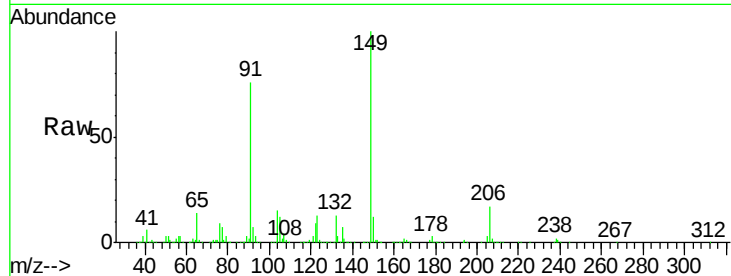




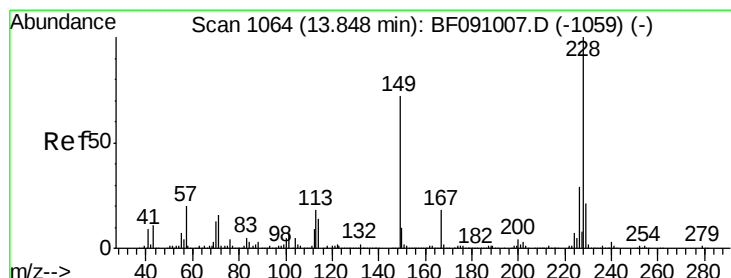
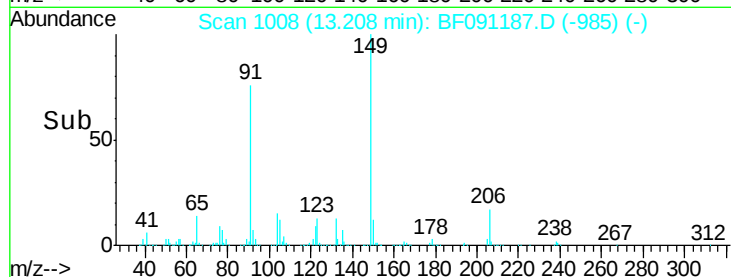
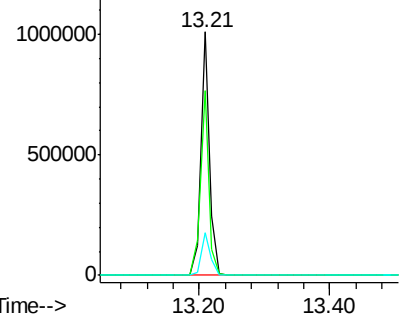
#79
Butylbenzylphthalate
Concen: 45.55 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 964474
Ion Ratio Lower Upper
149 100
91 75.7 65.0 97.4
206 17.3 12.5 18.7

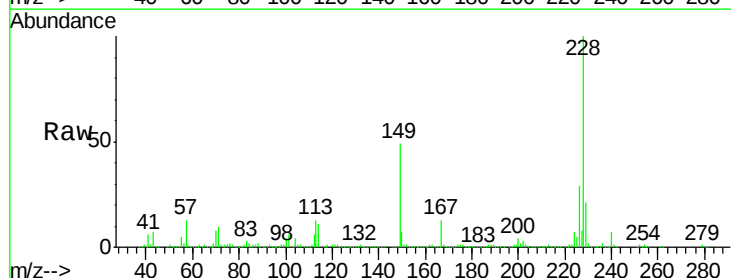


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

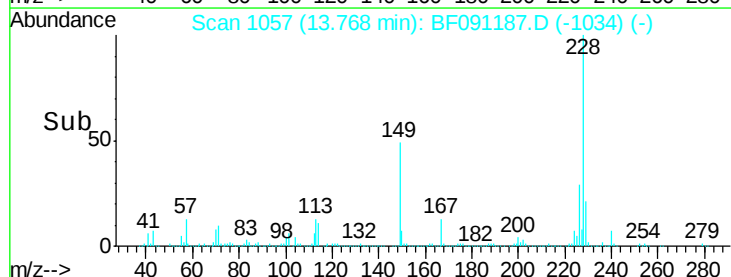
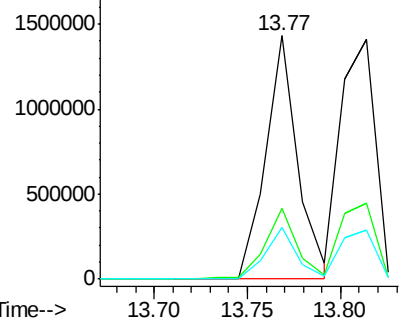


#80
Benzo(a)anthracene
Concen: 44.40 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091187.D
Acq: 16 Nov 2016 14:21

Tgt Ion:228 Resp: 1703911
Ion Ratio Lower Upper
228 100
226 29.3 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

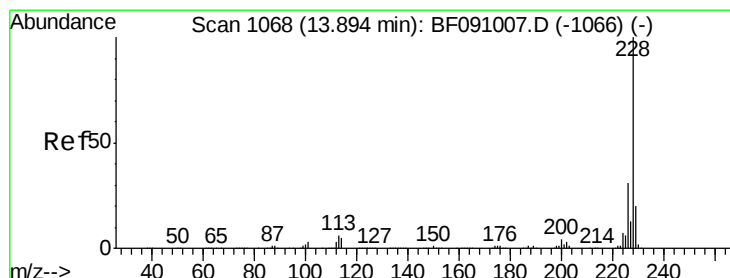
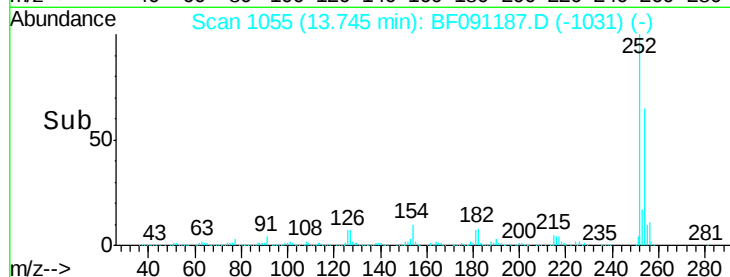
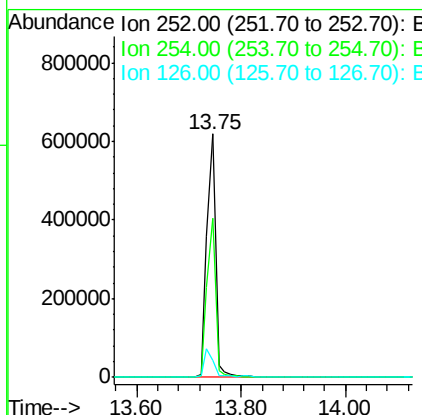
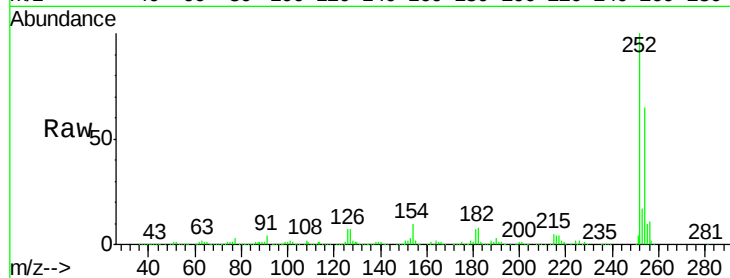




#81
 3,3'-Dichlorobenzidine
 Concen: 54.08 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

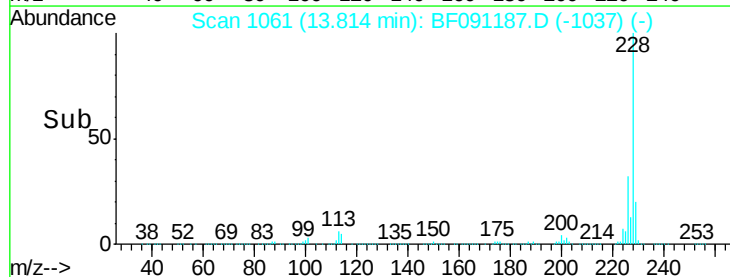
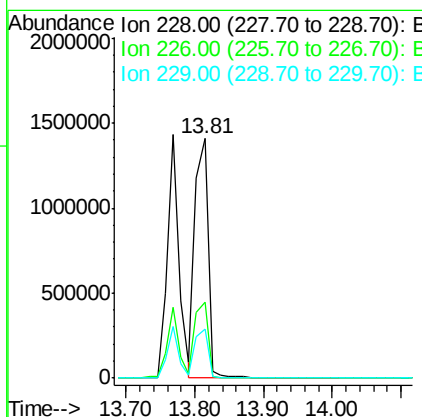
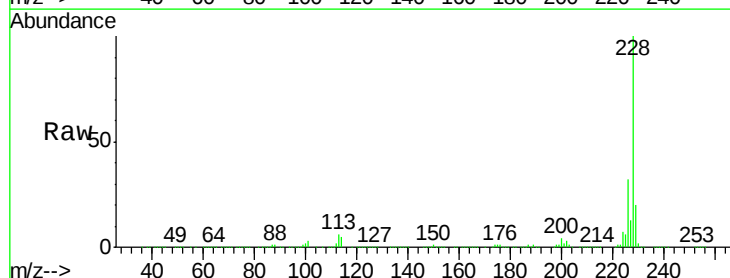
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 729097
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.0 78.0
 126 7.2 5.4 8.2



#82
 Chrysene
 Concen: 48.58 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:228 Resp: 1838469
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 20.4 15.9 23.9

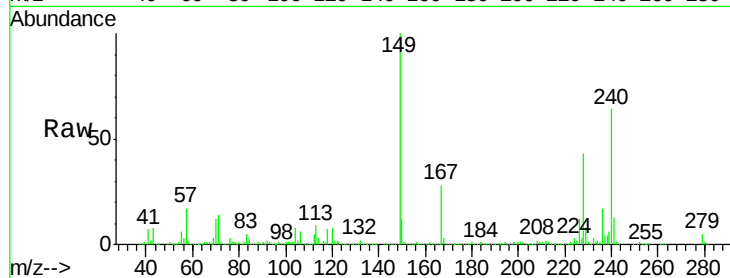




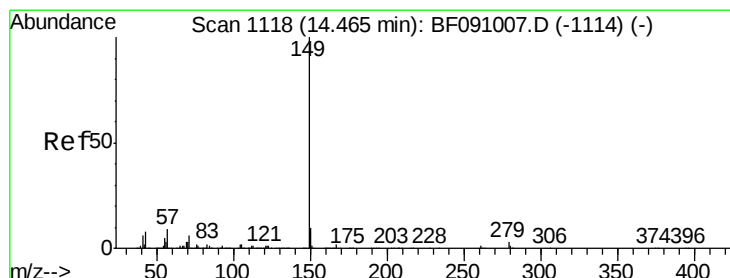
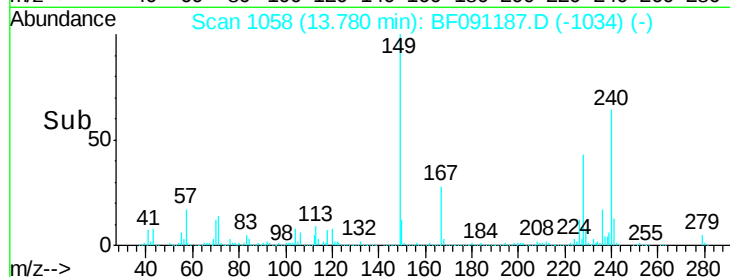
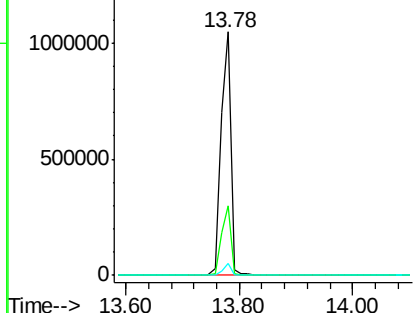
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.66 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1251029
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.4 30.6
 279 4.7 1.6 2.4#

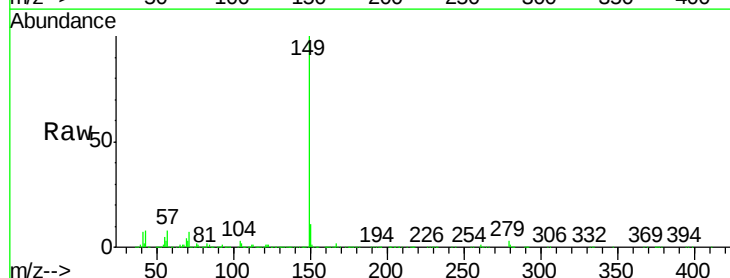


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

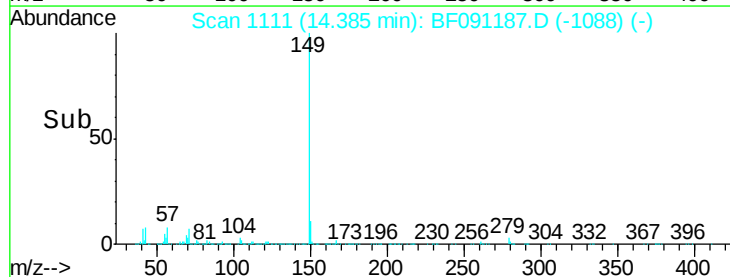
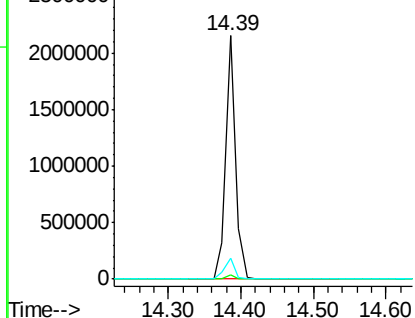


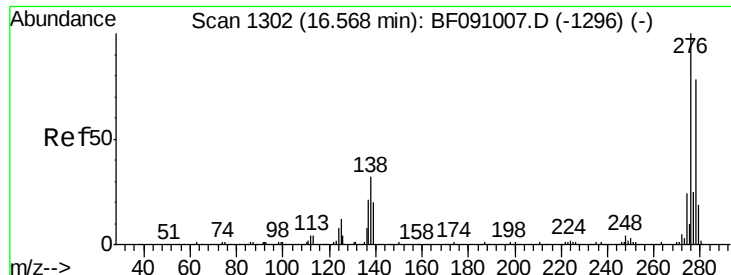
#84
 Di-n-octyl phthalate
 Concen: 43.16 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion:149 Resp: 2033605
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.2 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

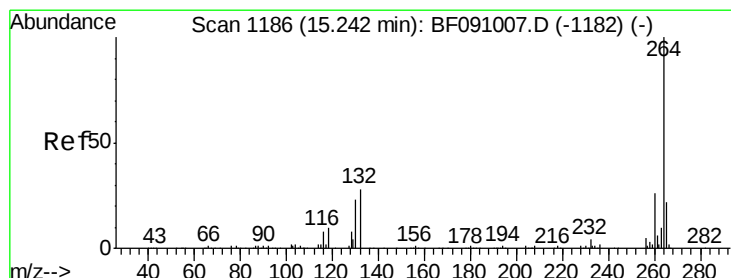
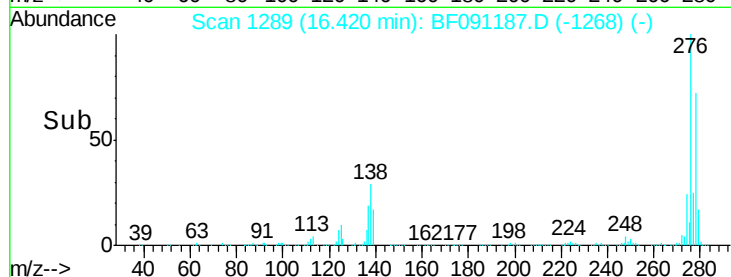
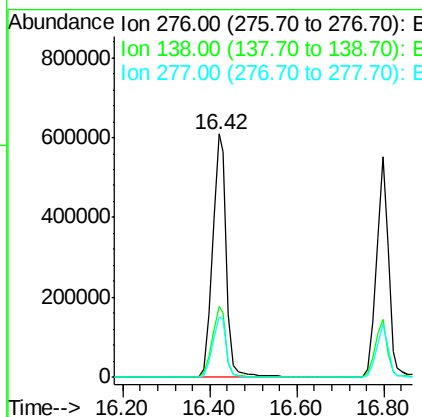
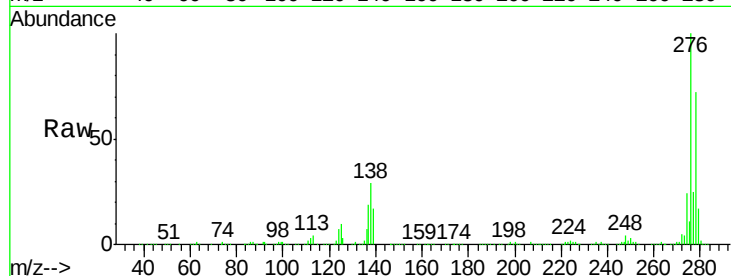




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.84 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

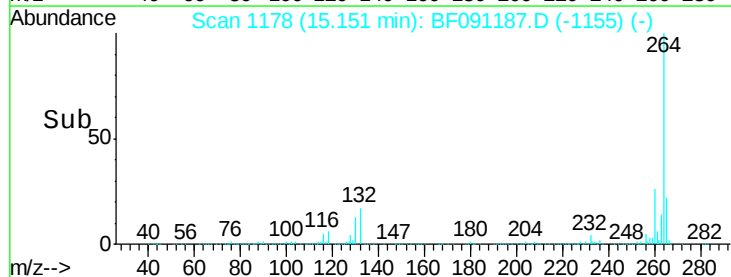
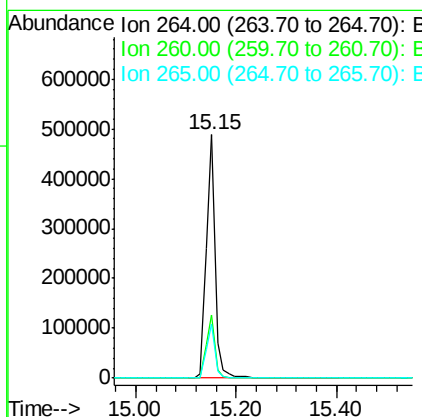
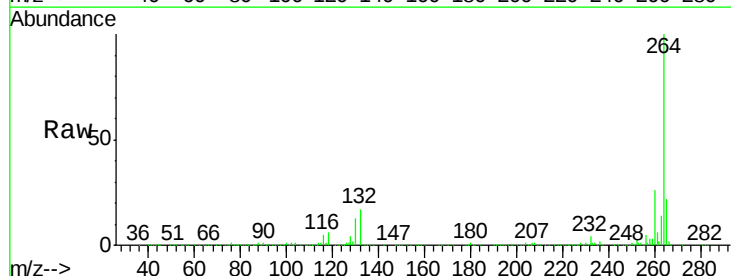
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

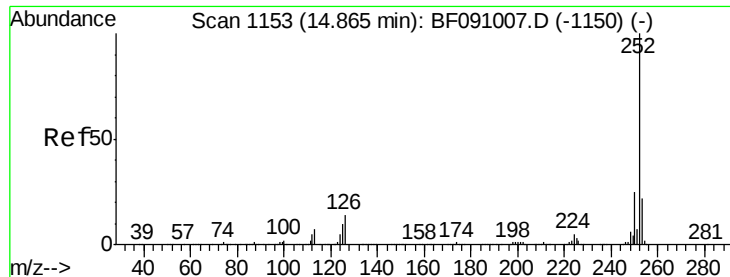
Tgt Ion: 276 Resp: 1376434
 Ion Ratio Lower Upper
 276 100
 138 29.2 26.0 39.0
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091187.D
 Acq: 16 Nov 2016 14:21

Tgt Ion: 264 Resp: 597604
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.6 30.8
 265 22.4 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 81.42 ng

RT: 14.81 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

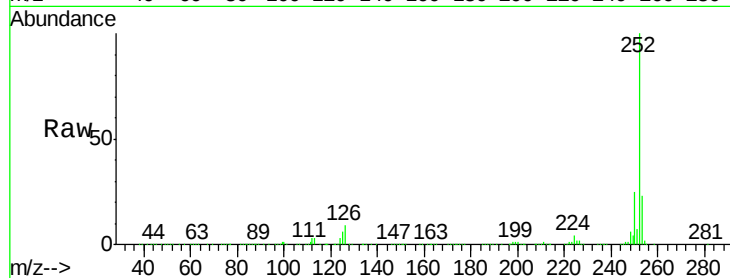
Tgt Ion:252 Resp: 3300107

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

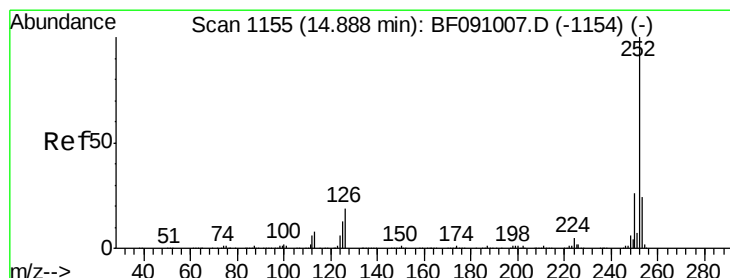
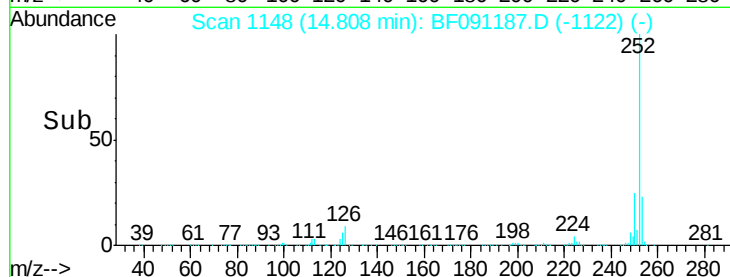
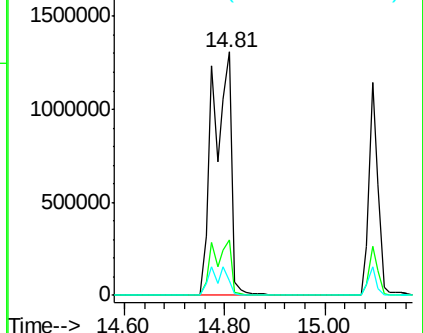
125 5.8 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.87 ng

RT: 14.81 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

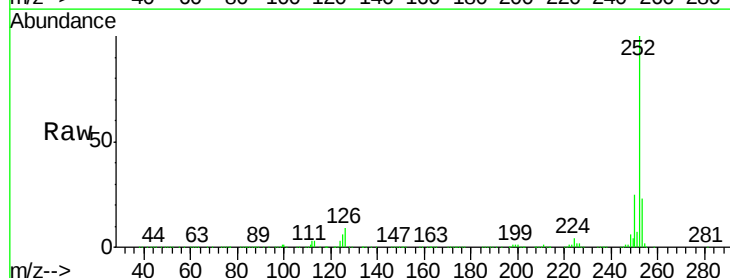
Tgt Ion:252 Resp: 3302085

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

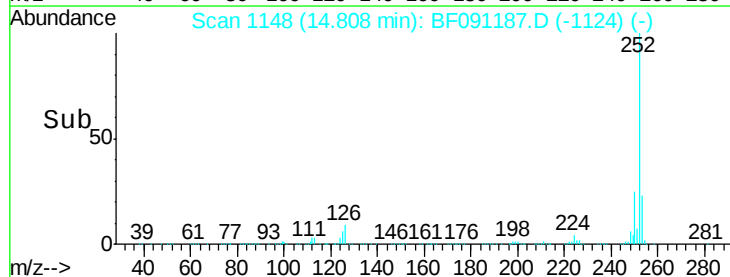
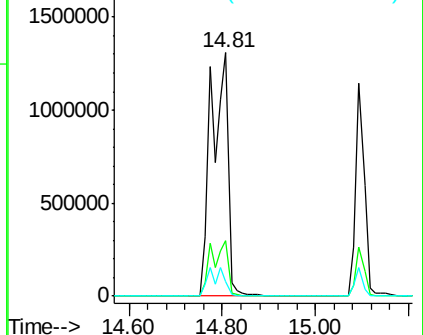
125 5.8 11.2 16.8#

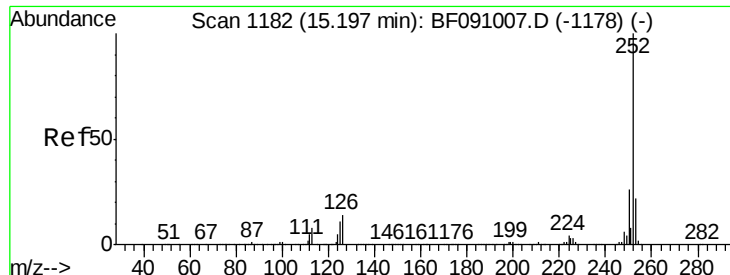


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.98 ng

RT: 15.09 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

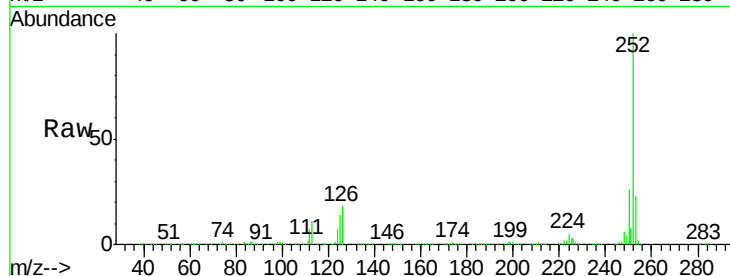
Tgt Ion:252 Resp: 1446043

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

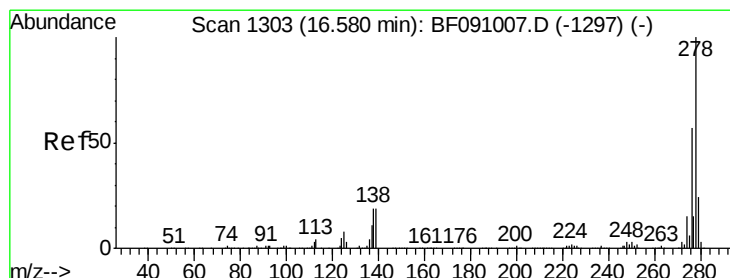
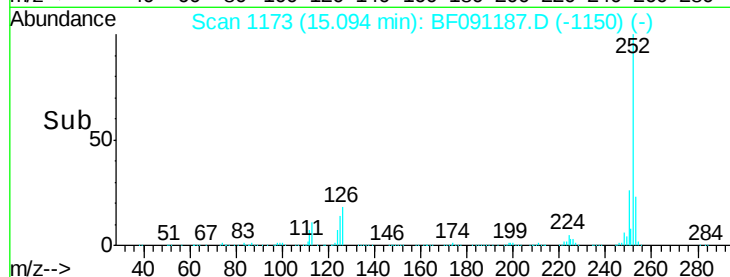
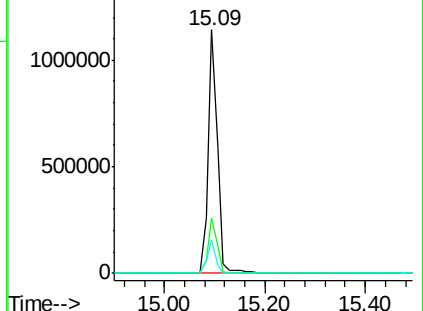
125 13.6 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.38 ng

RT: 16.43 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

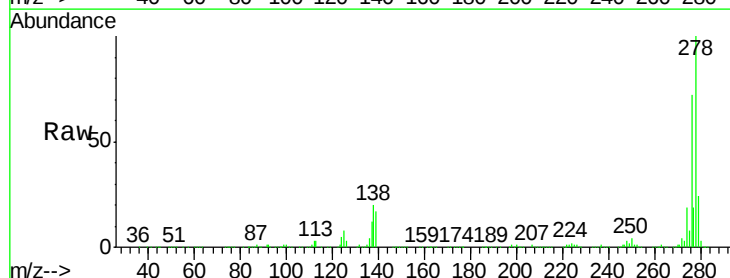
Tgt Ion:278 Resp: 1201352

Ion Ratio Lower Upper

278 100

139 17.3 15.3 22.9

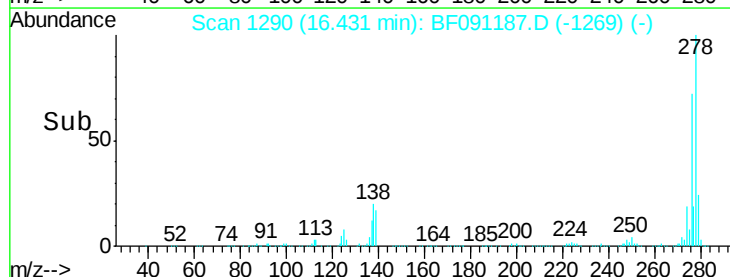
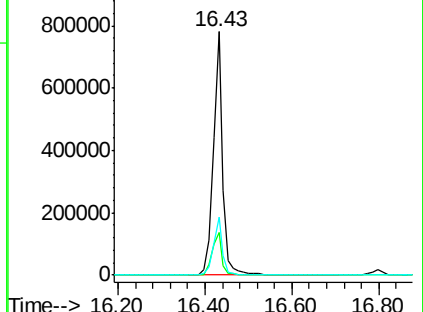
279 24.0 19.3 28.9

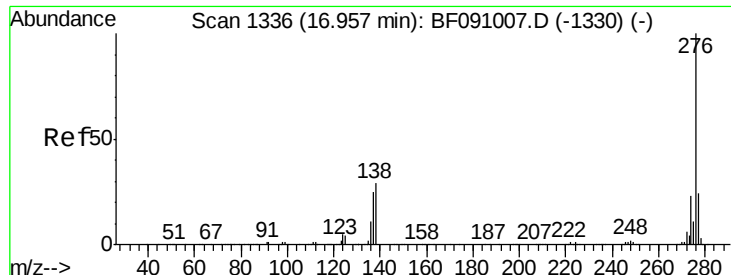


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.95 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091187.D

Acq: 16 Nov 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

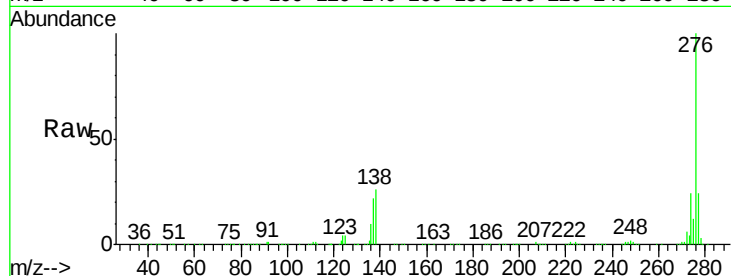
Tgt Ion: 276 Resp: 1046890

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 26.5 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

