

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091807.D
 Acq On : 20 Dec 2016 9:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 20 23:35:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	229001	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	924716	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	493556	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	817486	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	635157	20.00	ng	-0.01
86) Perylene-d12	15.32	264	770076	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1043302	76.33	ng	-0.01
7) Phenol-d6	6.42	99	1414770	84.87	ng	0.00
23) Nitrobenzene-d5	7.33	82	1333574	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	323802	77.37	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2015653	82.05	ng	-0.01
78) Terphenyl-d14	12.87	244	1919521	76.31	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	275303	40.90	ng	99
3) Pyridine	2.98	79	792531	36.55	ng	99
4) n-Nitrosodimethylamine	2.93	42	319718	38.10	ng	98
6) Aniline	6.42	93	851495	39.70	ng	# 71
8) 2-Chlorophenol	6.54	128	630080	41.88	ng	96
9) Benzaldehyde	6.30	77	410660	43.10	ng	98
10) Phenol	6.43	94	829917	44.17	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	596974	39.78	ng	99
12) 1,3-Dichlorobenzene	6.70	146	700853	42.42	ng	98
13) 1,4-Dichlorobenzene	6.77	146	672163	40.21	ng	98
14) 1,2-Dichlorobenzene	6.93	146	633192	43.24	ng	100
15) Benzyl Alcohol	6.91	79	515505	39.94	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	879231	38.34	ng	97
17) 2-Methylphenol	7.04	107	527000	41.91	ng	97
18) Hexachloroethane	7.28	117	265218	42.70	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	422336	38.09	ng	98
20) 3+4-Methylphenols	7.18	107	632526	45.10	ng	# 83
22) Acetophenone	7.17	105	934325	41.85	ng	96
24) Nitrobenzene	7.36	77	713059	41.41	ng	# 78
25) Isophorone	7.60	82	1239099	40.50	ng	99
26) 2-Nitrophenol	7.66	139	337536	40.63	ng	99
27) 2,4-Dimethylphenol	7.71	122	559349	41.28	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	689934	38.54	ng	99
29) 2,4-Dichlorophenol	7.92	162	541898	43.36	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	553578	40.87	ng	99
31) Naphthalene	8.08	128	1813179	41.04	ng	98
32) Benzoic acid	7.86	122	409156	42.37	ng	94
33) 4-Chloroaniline	8.12	127	734473	39.47	ng	98
34) Hexachlorobutadiene	8.19	225	298172	39.15	ng	98
35) Caprolactam	8.51	113	176327	43.85	ng	# 75
36) 4-Chloro-3-methylphenol	8.61	107	564579	40.95	ng	96
37) 2-Methylnaphthalene	8.76	142	1132577	40.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	512985	41.70	ng	99
40) Hexachlorocyclopentadiene	8.92	237	195373	37.47	ng	98

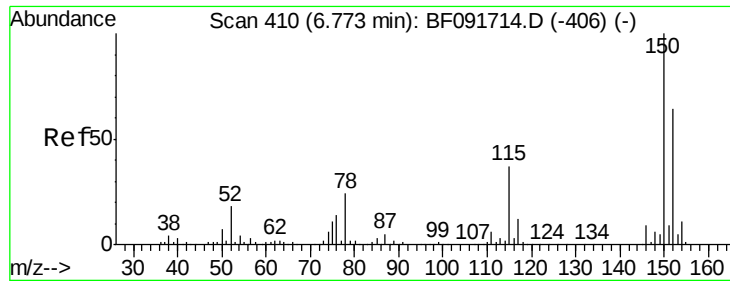
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	376009	42.78	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	368329	42.65	ng	# 87
45) 1,1'-Biphenyl	9.23	154	1512268	42.75	ng	99
46) 2-Chloronaphthalene	9.25	162	1143033	43.24	ng	98
47) 2-Nitroaniline	9.34	65	394186	43.67	ng	96
48) Acenaphthylene	9.66	152	1675313	40.90	ng	100
49) Dimethylphthalate	9.54	163	1359701	42.18	ng	100
50) 2,6-Dinitrotoluene	9.60	165	312756	44.24	ng	89
51) Acenaphthene	9.84	154	1058368	37.65	ng	99
52) 3-Nitroaniline	9.77	138	406079	46.14	ng	82
53) 2,4-Dinitrophenol	9.87	184	168004	44.00	ng	# 73
54) Dibenzofuran	10.01	168	1438669	43.04	ng	99
55) 4-Nitrophenol	9.94	139	267165	43.71	ng	94
56) 2,4-Dinitrotoluene	10.00	165	360318	40.81	ng	91
57) Fluorene	10.35	166	1202551	46.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	309283	43.32	ng	97
59) Diethylphthalate	10.24	149	1256936	39.66	ng	94
60) 4-Chlorophenyl-phenylether	10.34	204	469452	39.69	ng	98
61) 4-Nitroaniline	10.37	138	363085	43.54	ng	98
62) Azobenzene	10.50	77	1316400	39.04	ng	100
64) 4,6-Dinitro-2-methylphenol	10.41	198	226745	42.05	ng	# 70
65) n-Nitrosodiphenylamine	10.46	169	1025878	40.41	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	333001	38.85	ng	98
67) Hexachlorobenzene	10.90	284	383866	42.73	ng	97
68) Atrazine	11.00	200	329195	42.91	ng	93
69) Pentachlorophenol	11.09	266	204749	42.24	ng	97
70) Phenanthrene	11.31	178	1863267	45.62	ng	98
71) Anthracene	11.36	178	1623346	37.52	ng	99
72) Carbazole	11.52	167	1572516	41.56	ng	100
73) Di-n-butylphthalate	11.85	149	1822067	37.56	ng	100
74) Fluoranthene	12.49	202	1688436	39.58	ng	99
76) Benzidine	12.61	184	769095	42.07	ng	99
77) Pyrene	12.72	202	1793222	39.09	ng	100
79) Butylbenzylphthalate	13.35	149	884678	41.21	ng	91
80) Benzo(a)anthracene	13.91	228	1499974	41.29	ng	100
81) 3,3'-Dichlorobenzidine	13.87	252	599715	41.25	ng	98
82) Chrysene	13.95	228	1565061	41.56	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	980860	36.02	ng	98
84) Di-n-octyl phthalate	14.52	149	2276905	45.37	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	1485057	40.11	ng	100
87) Benzo(b)fluoranthene	14.96	252	3459298	70.84	ng	# 97
88) Benzo(k)fluoranthene	14.96	252	3459298	100.97	ng	98
89) Benzo(a)pyrene	15.27	252	1607705	38.36	ng	99
90) Dibenzo(a,h)anthracene	16.68	278	1258262	34.44	ng	99
91) Benzo(g,h,i)perylene	17.08	276	1271658	34.25	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

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BNA_F

ClientSampleId :

SSTDCCC040

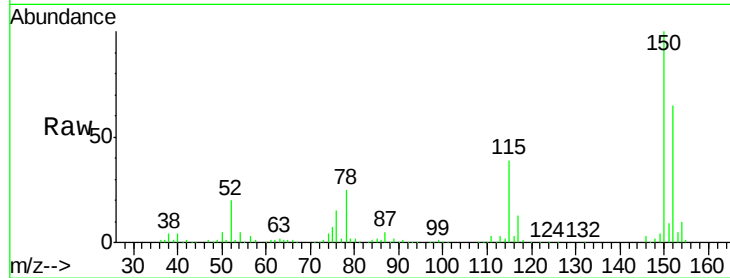
Tgt Ion:152 Resp: 229001

Ion Ratio Lower Upper

152 100

150 153.5 124.9 187.3

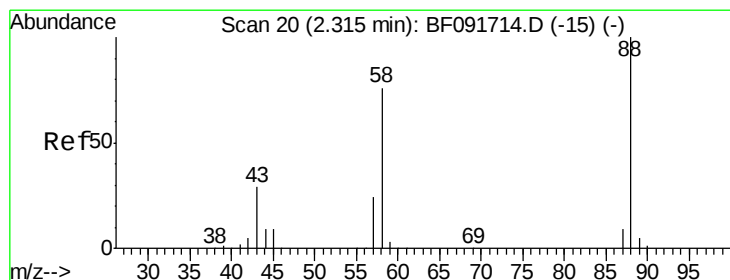
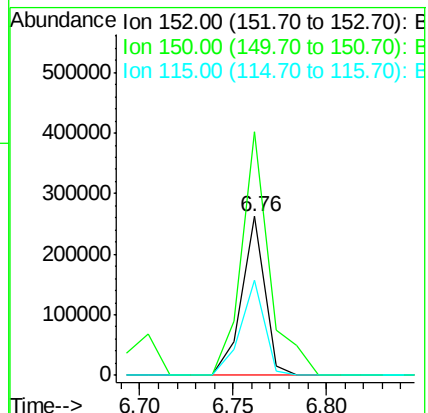
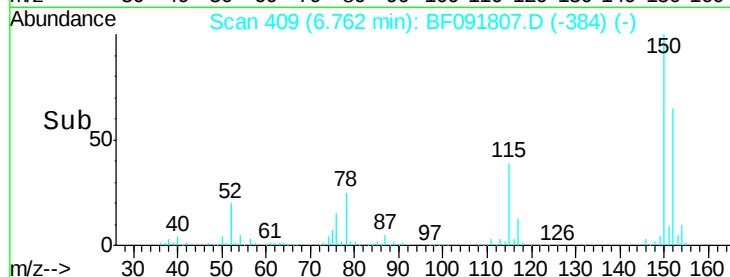
115 60.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.90 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

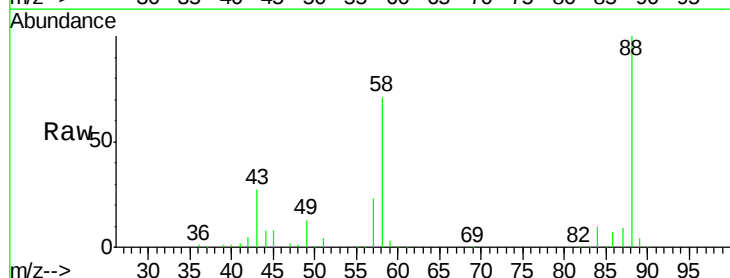
Tgt Ion: 88 Resp: 275303

Ion Ratio Lower Upper

88 100

58 73.4 57.8 86.8

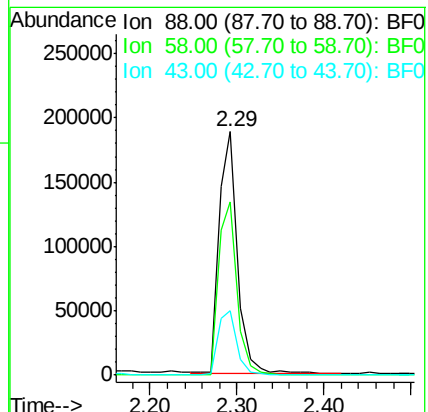
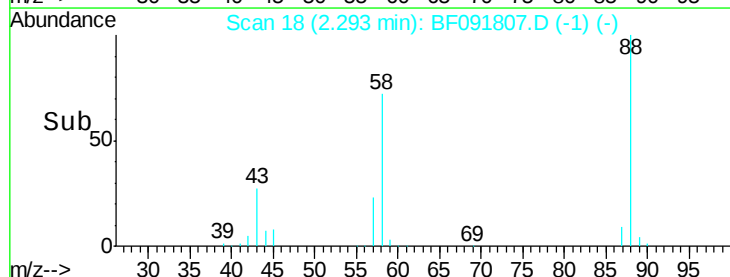
43 28.8 22.3 33.5

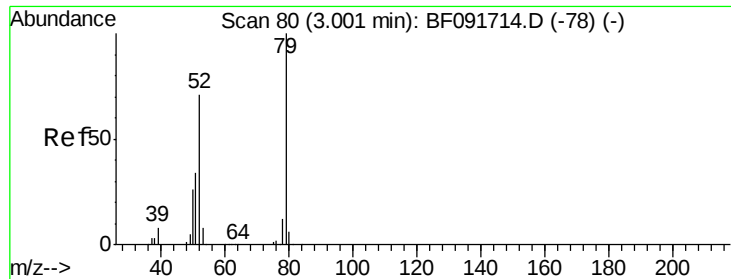


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.55 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

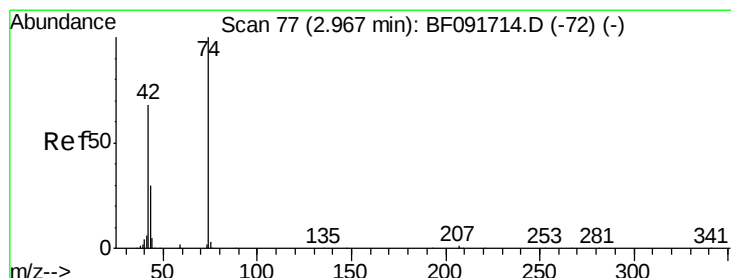
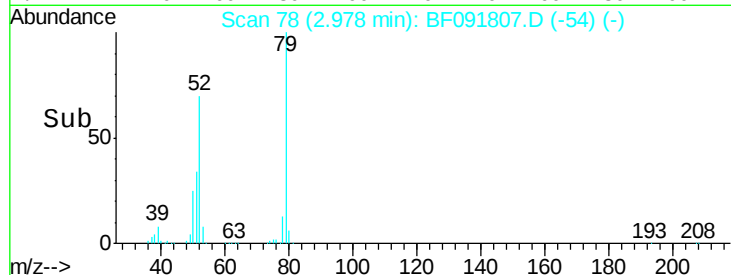
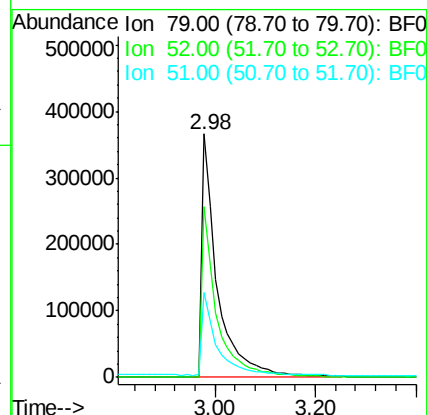
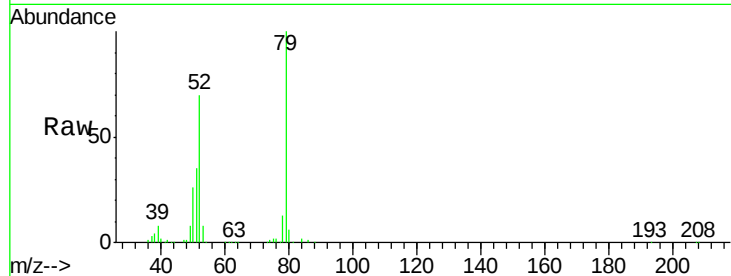
Tgt Ion: 79 Resp: 792531

Ion Ratio Lower Upper

79 100

52 70.2 57.1 85.7

51 35.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.10 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.03 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

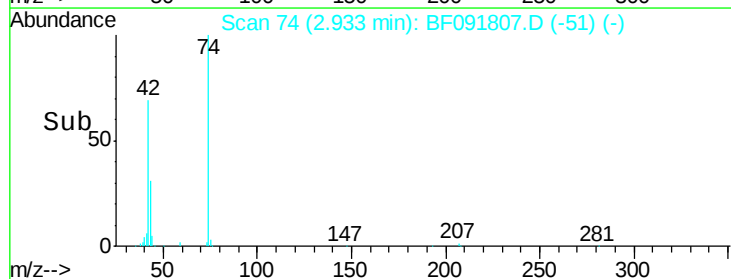
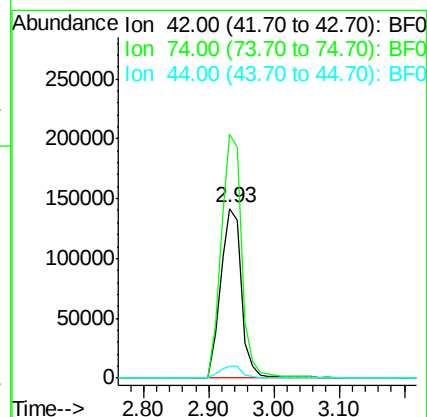
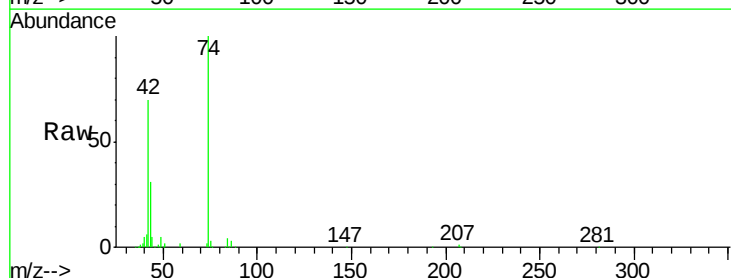
Tgt Ion: 42 Resp: 319718

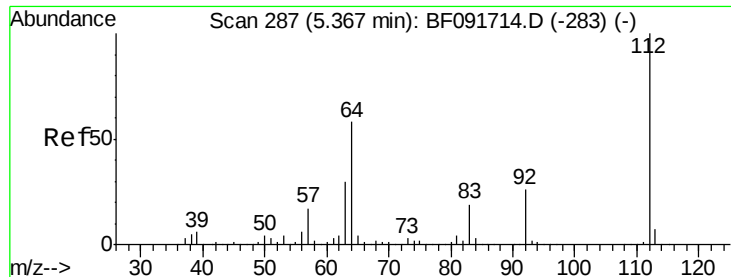
Ion Ratio Lower Upper

42 100

74 143.8 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 76.33 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

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SSTDCCC040

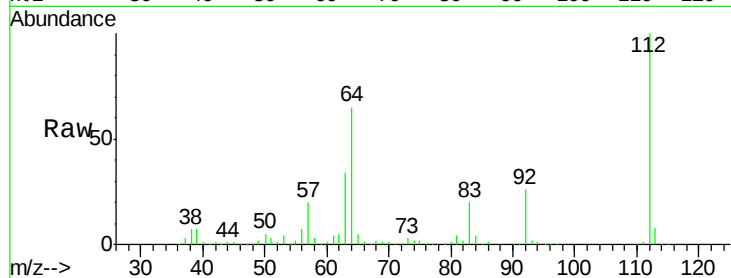
Tgt Ion: 112 Resp: 1043302

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

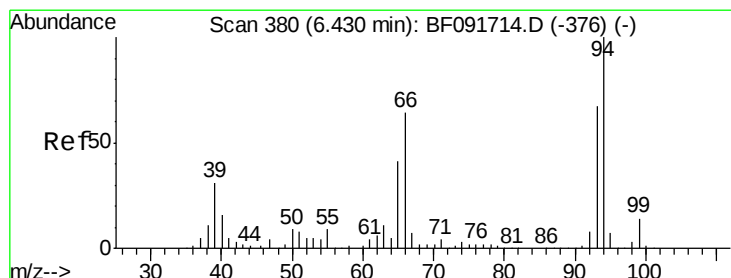
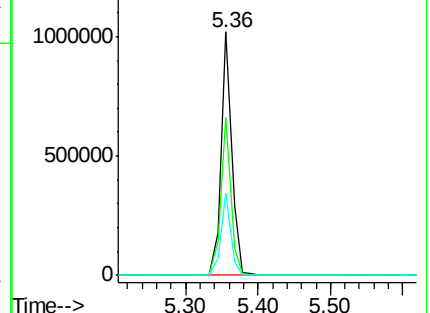
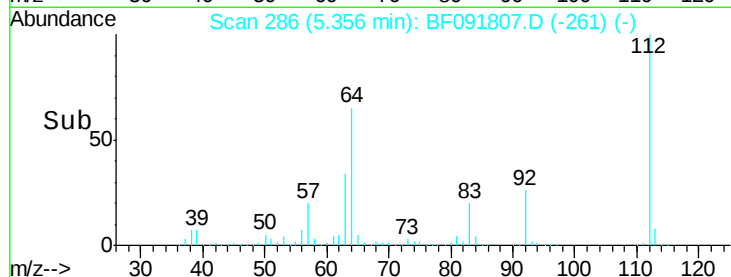
63 33.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.70 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

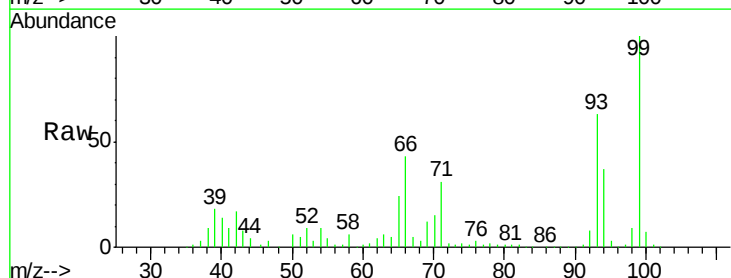
Tgt Ion: 93 Resp: 851495

Ion Ratio Lower Upper

93 100

66 68.0 76.2 114.2#

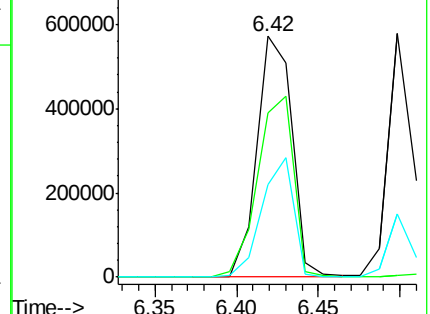
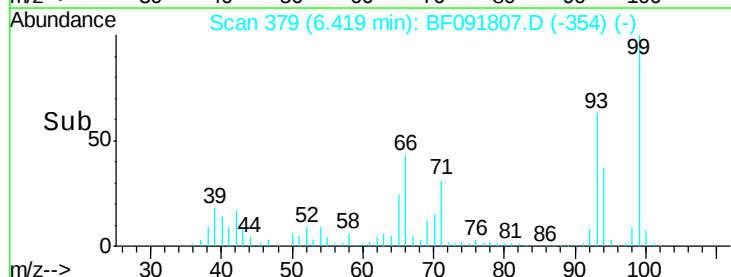
65 38.4 49.3 73.9#

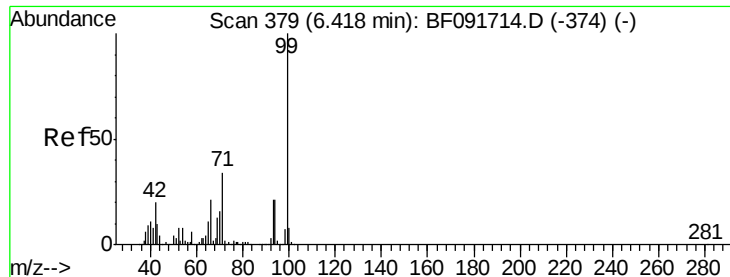


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.87 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

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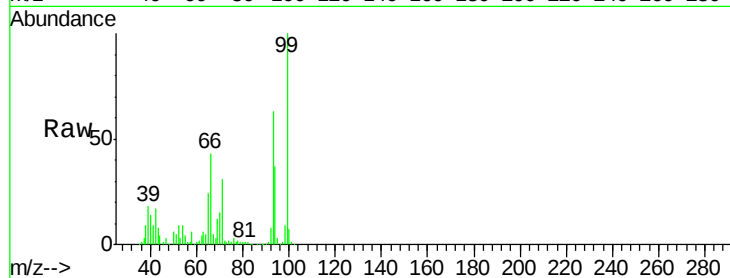
Tgt Ion: 99 Resp: 1414770

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

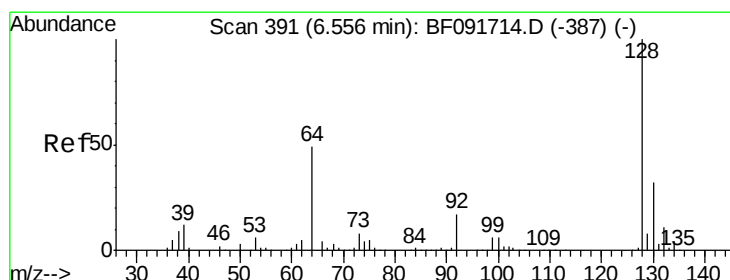
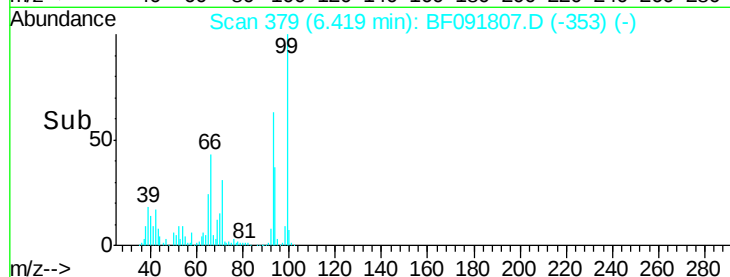
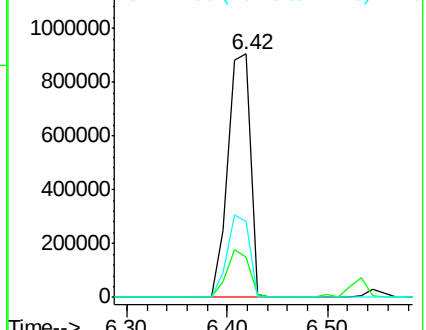
71 31.0 27.5 41.3



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: 41.88 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

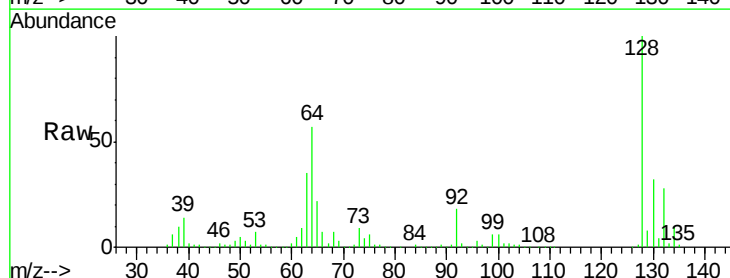
Tgt Ion: 128 Resp: 630080

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

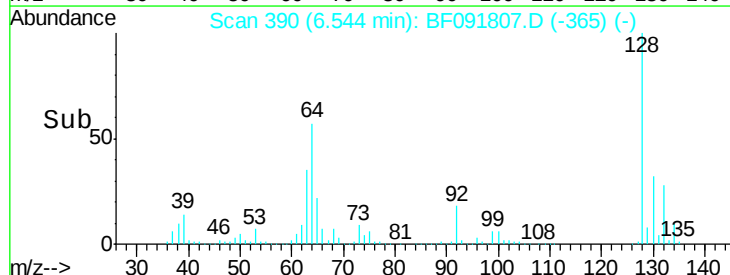
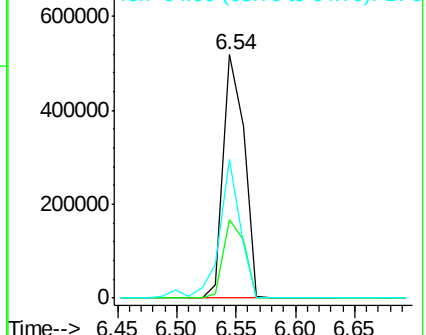
64 56.9 32.2 72.2

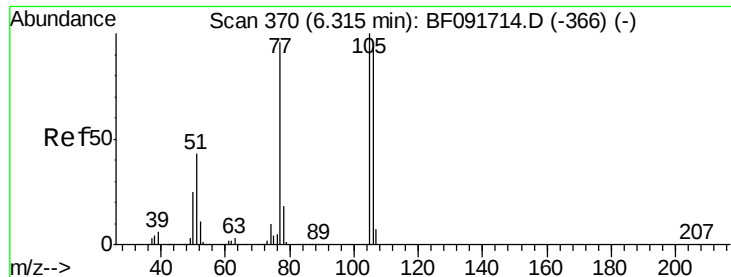


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.10 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

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SSTDCCC040

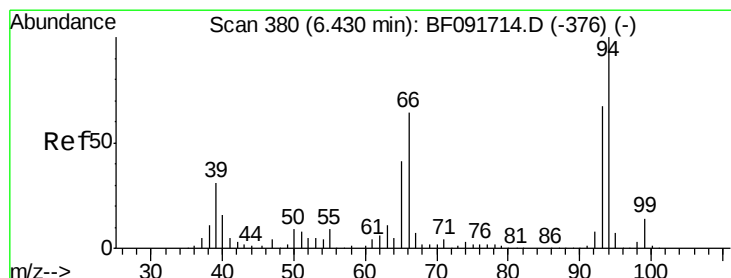
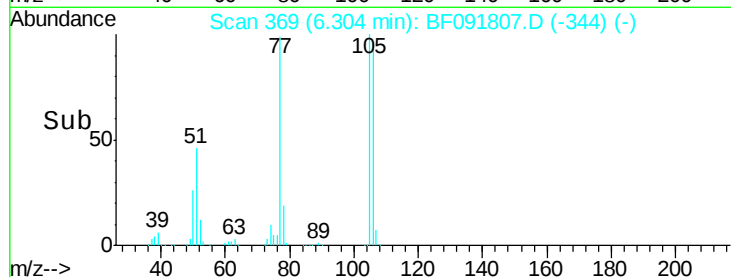
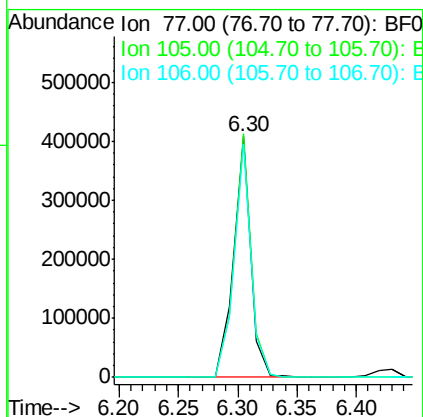
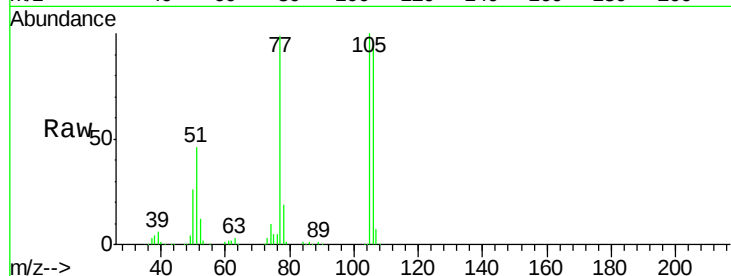
Tgt Ion: 77 Resp: 410660

Ion Ratio Lower Upper

77 100

105 101.1 83.9 123.9

106 97.1 77.6 117.6



#10

Phenol

Concen: 44.17 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

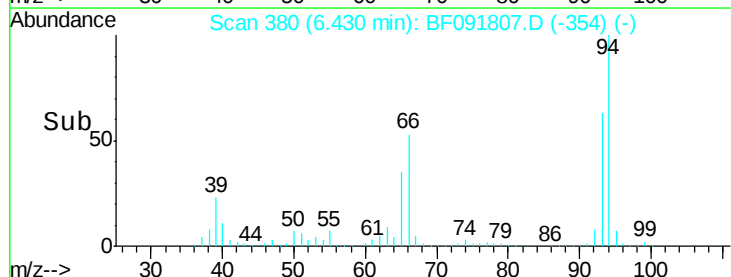
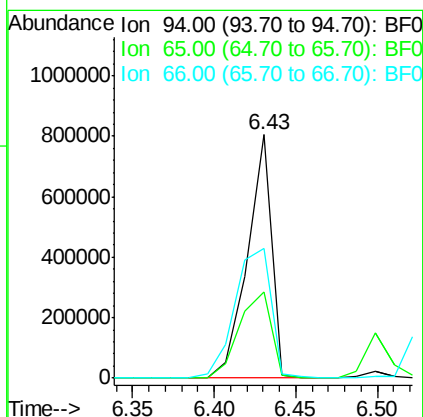
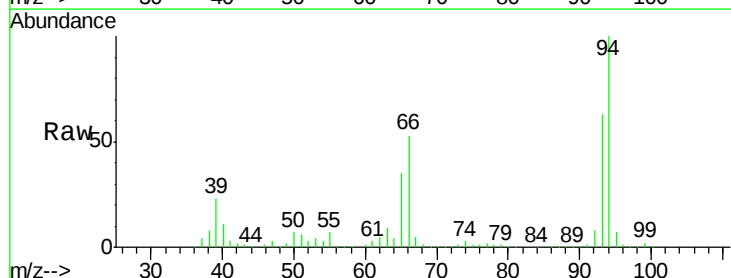
Tgt Ion: 94 Resp: 829917

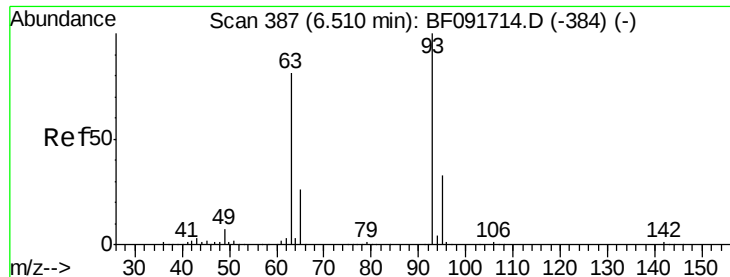
Ion Ratio Lower Upper

94 100

65 35.4 21.4 61.4

66 53.2 44.0 84.0

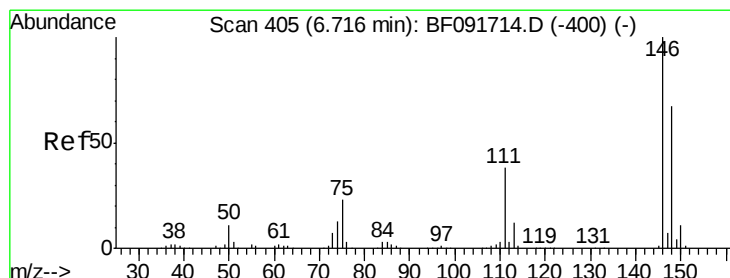
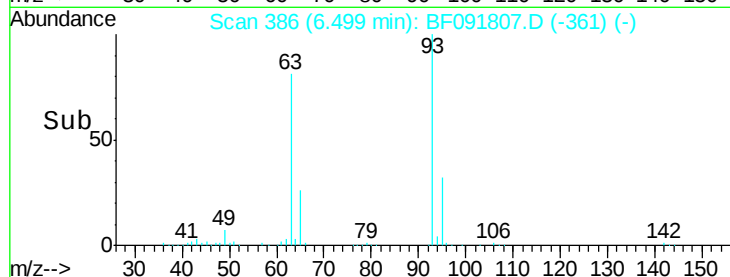
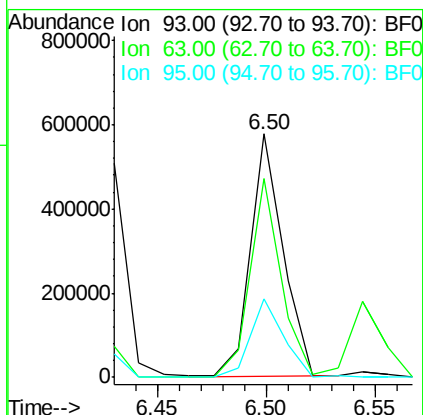
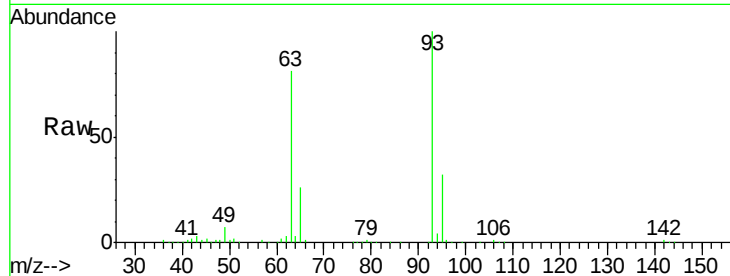




#11
bis(2-Chloroethyl)ether
Concen: 39.78 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

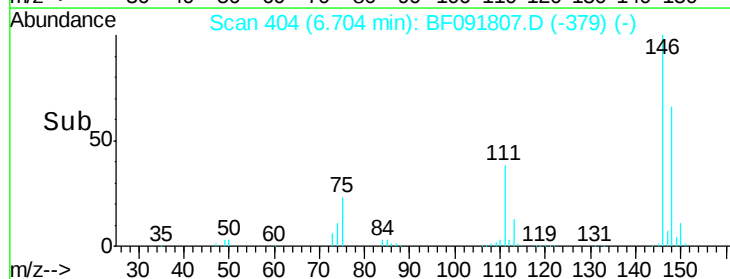
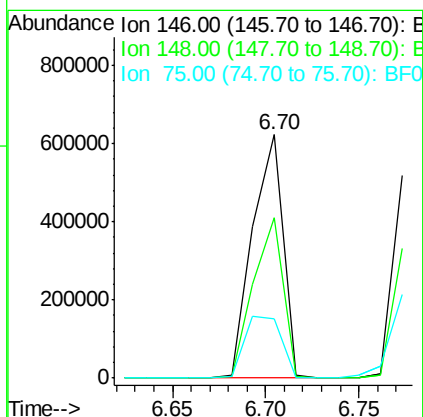
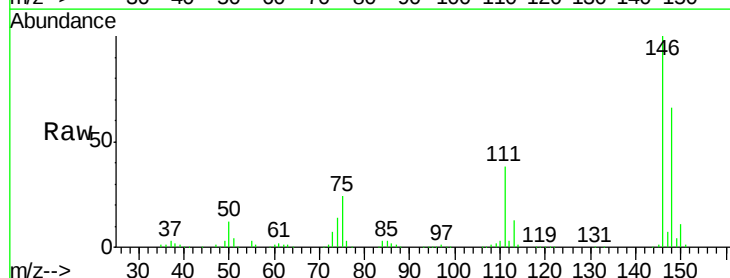
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

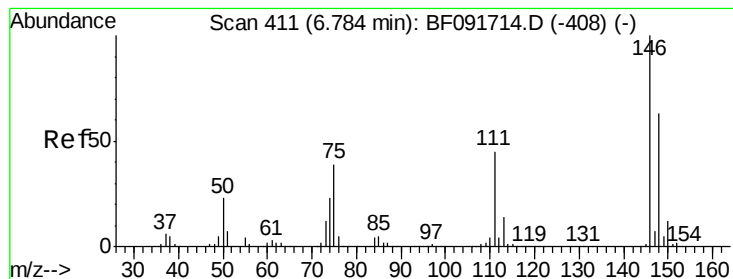
Tgt Ion: 93 Resp: 596974
Ion Ratio Lower Upper
93 100
63 81.4 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.42 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion: 146 Resp: 700853
Ion Ratio Lower Upper
146 100
148 65.8 53.4 80.0
75 24.4 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 40.21 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

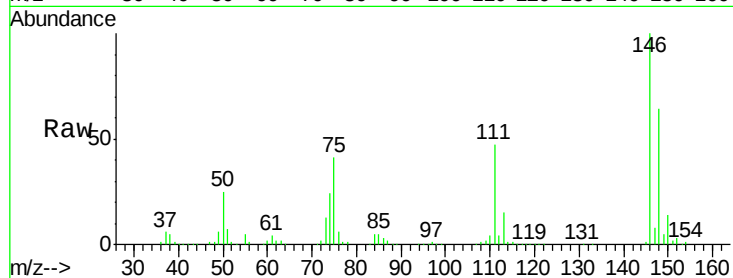
Tgt Ion:146 Resp: 672163

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

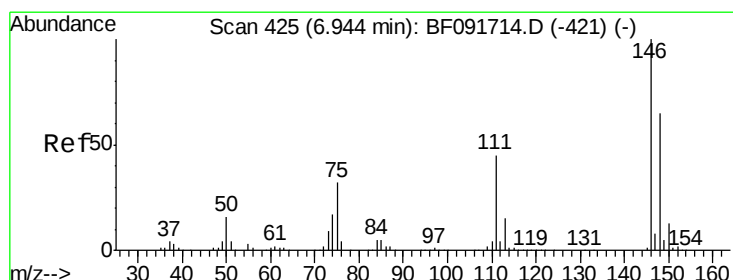
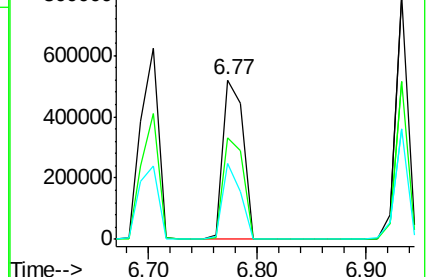
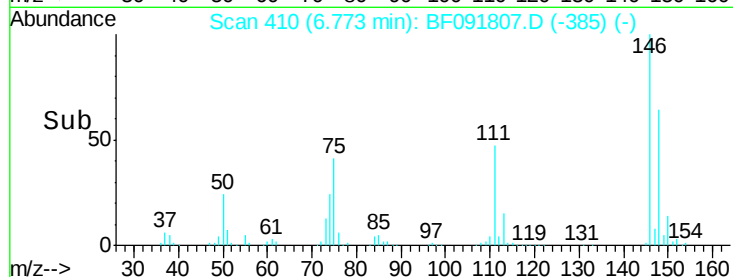
111 47.4 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.24 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

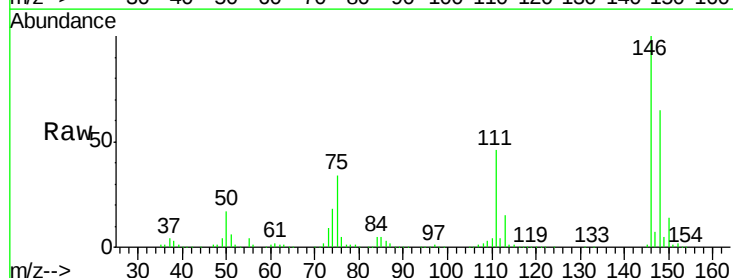
Tgt Ion:146 Resp: 633192

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

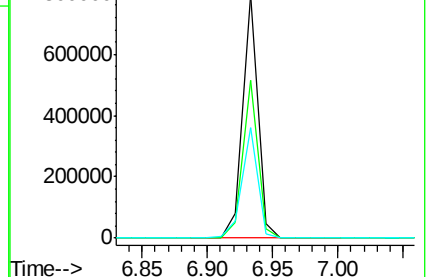
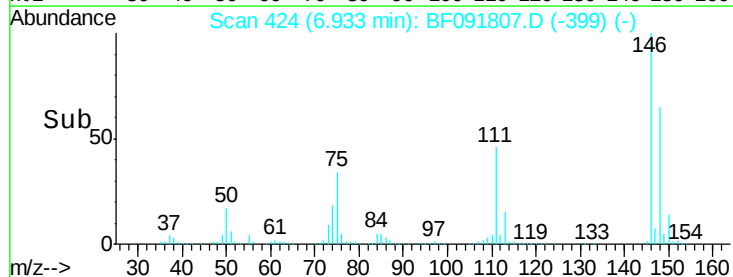
111 45.6 36.2 54.2

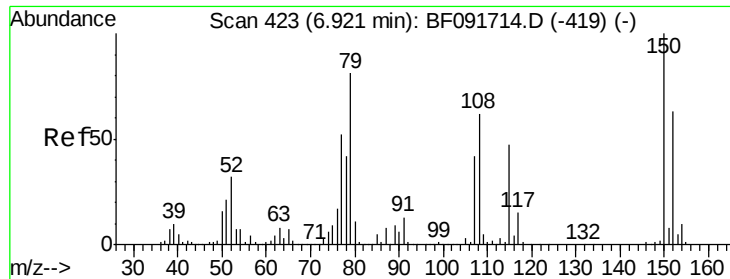


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

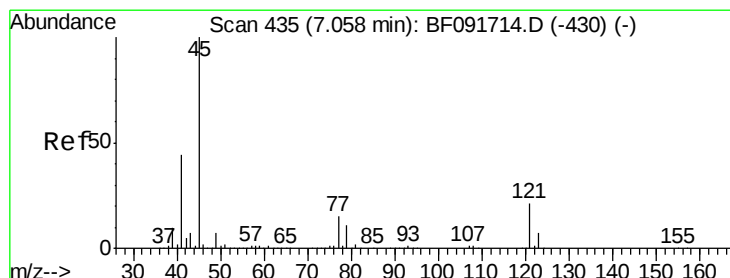
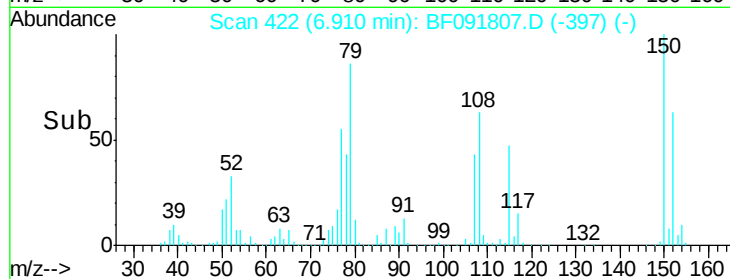
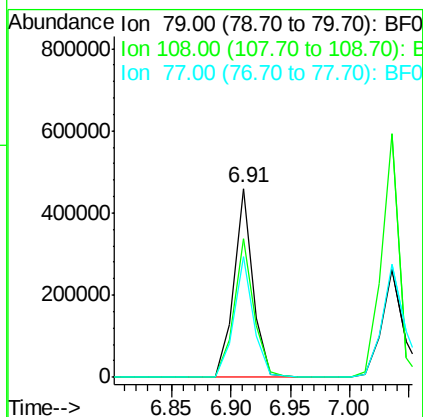
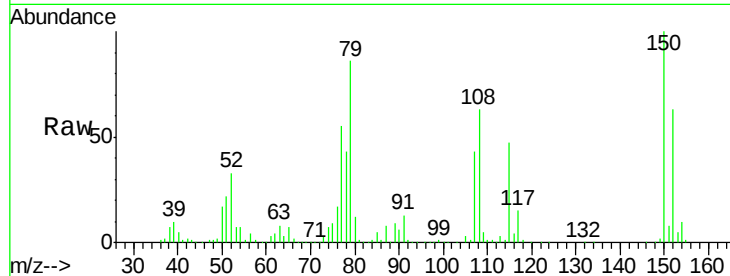




#15
Benzyl Alcohol
Concen: 39.94 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

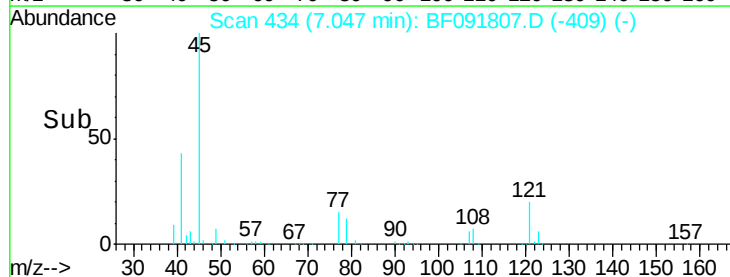
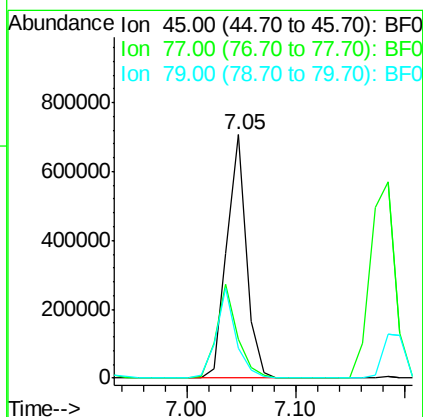
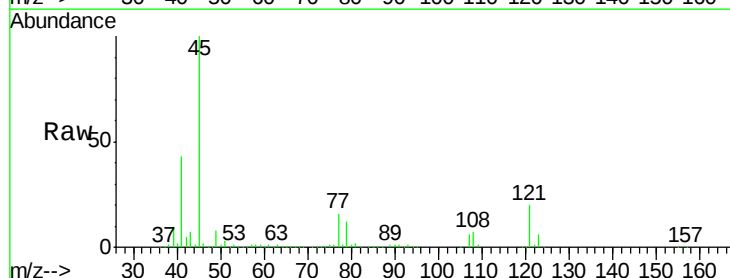
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

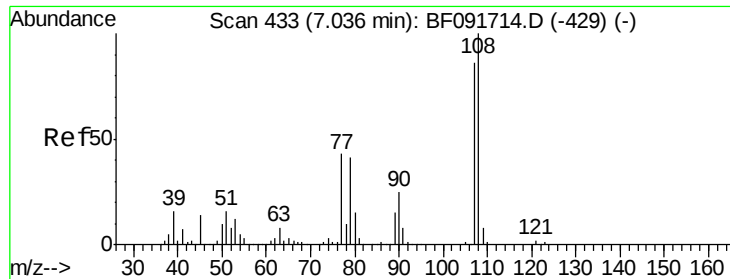
Tgt Ion: 79 Resp: 515505
Ion Ratio Lower Upper
79 100
108 73.5 61.4 92.0
77 64.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.34 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion: 45 Resp: 879231
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.6
79 12.5 0.0 31.2

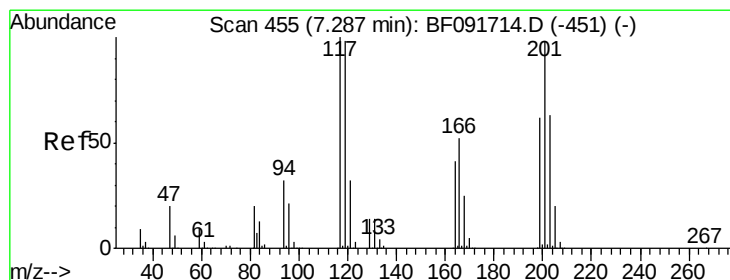
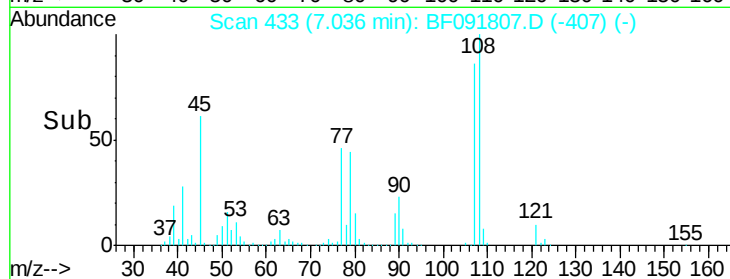
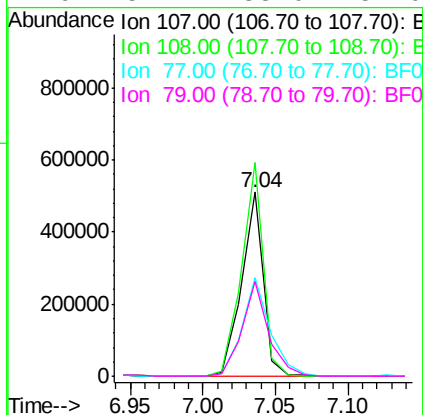
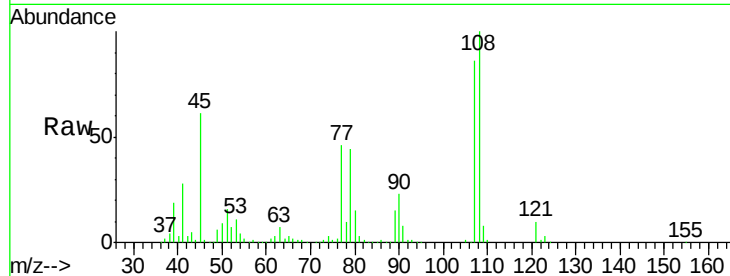




#17
2-Methylphenol
Concen: 41.91 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

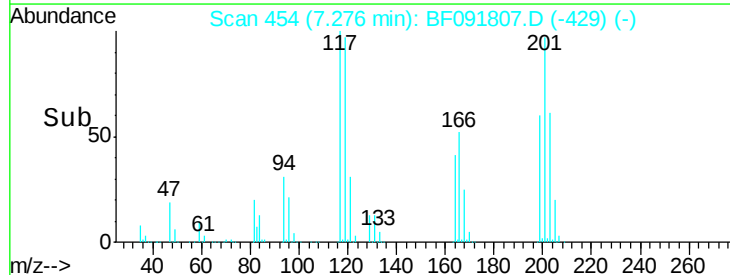
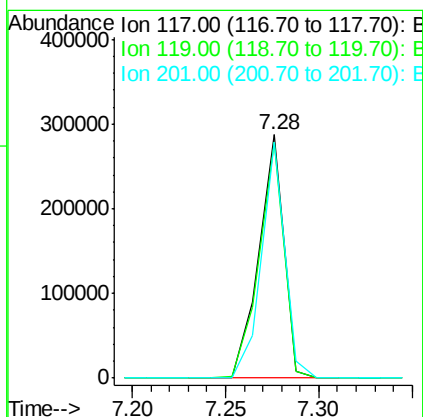
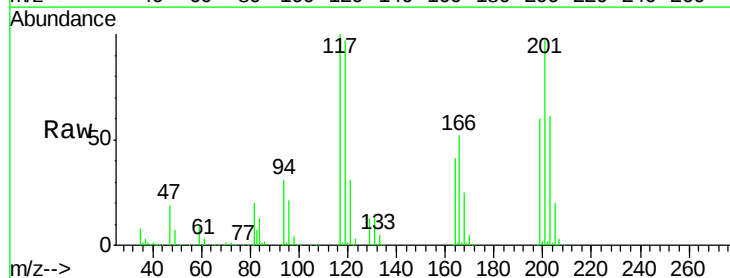
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

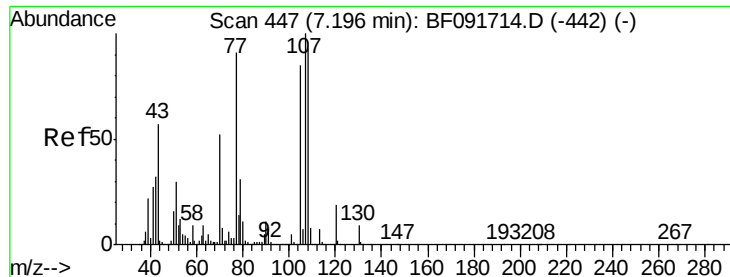
Tgt Ion:107 Resp: 527000
Ion Ratio Lower Upper
107 100
108 116.1 93.0 139.6
77 53.7 39.8 59.8
79 51.2 38.0 57.0



#18
Hexachloroethane
Concen: 42.70 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:117 Resp: 265218
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1
201 96.8 78.6 117.8

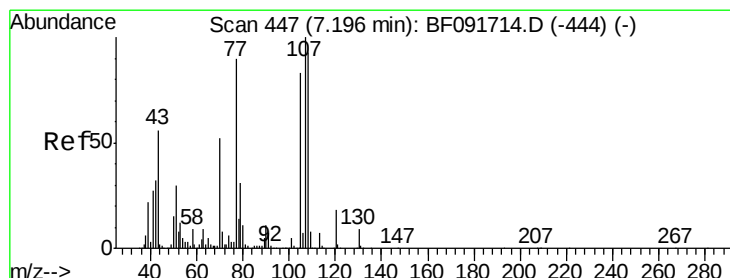
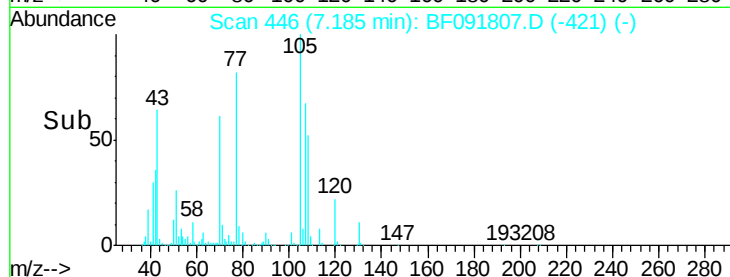
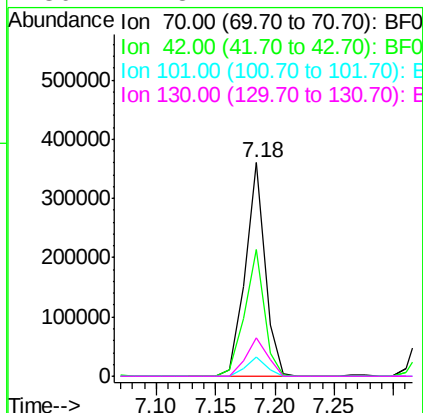
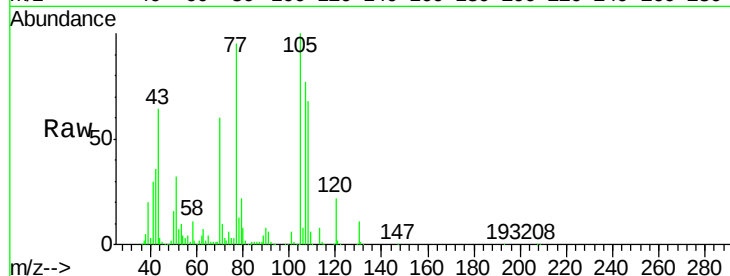




#19
n-Nitroso-di-n-propylamine
Concen: 38.09 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

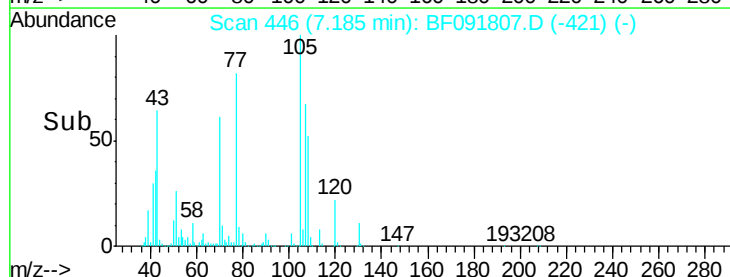
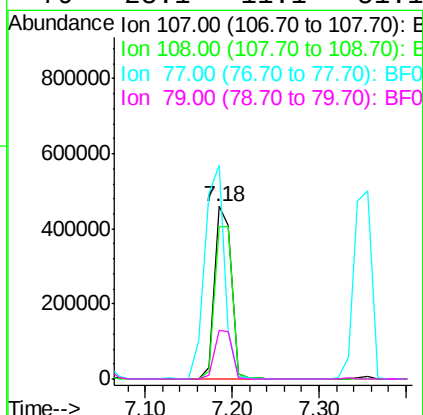
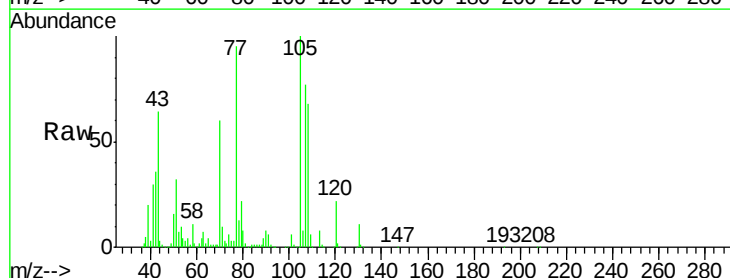
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

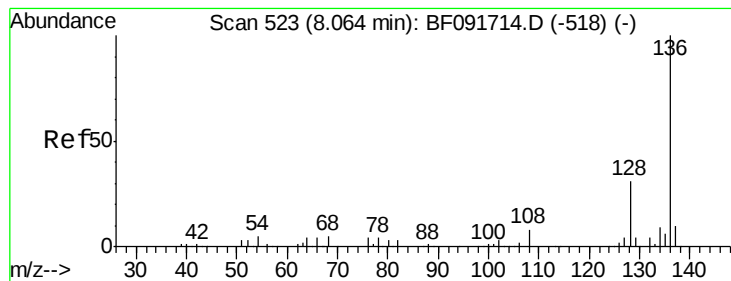
Tgt Ion:	70	Resp:	422336
Ion	Ratio	Lower	Upper
70	100		
42	59.6	49.4	74.0
101	9.2	7.4	11.2
130	17.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 45.10 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:	107	Resp:	632526
Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.0	113.0
77	123.7	71.3	111.3#
79	28.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 924716

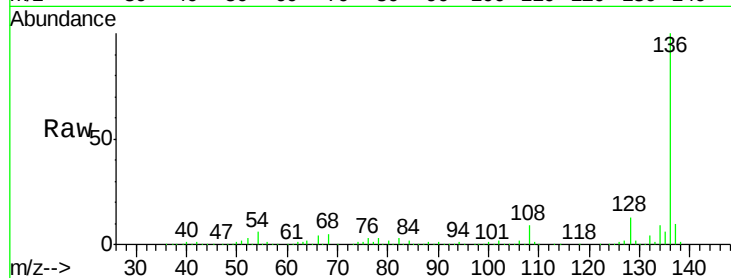
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 5.8 4.5 6.7

68 4.7 3.6 5.4

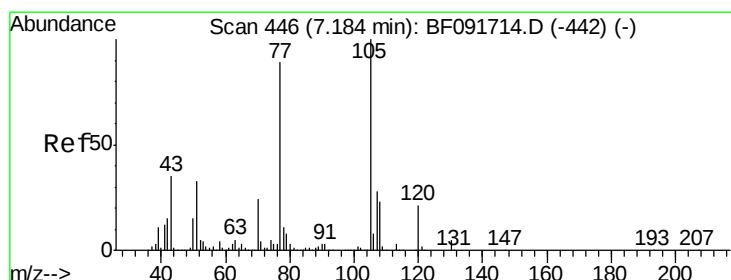
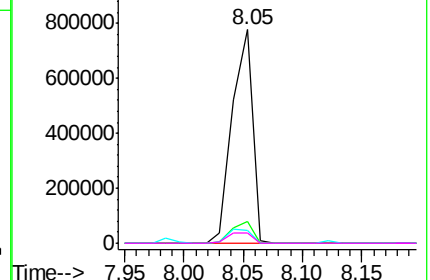
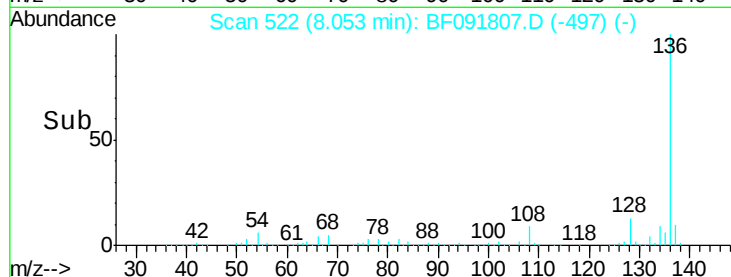


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.85 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Tgt Ion:105 Resp: 934325

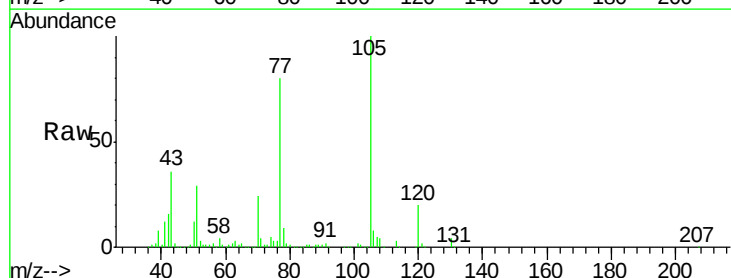
Ion Ratio Lower Upper

105 100

71 4.1 3.2 4.8

51 29.0 26.2 39.4

120 20.2 16.6 24.8

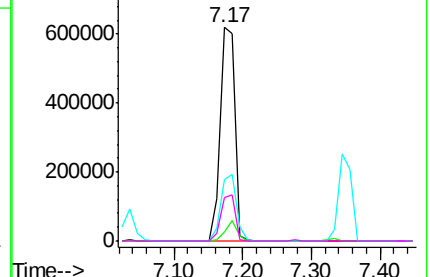
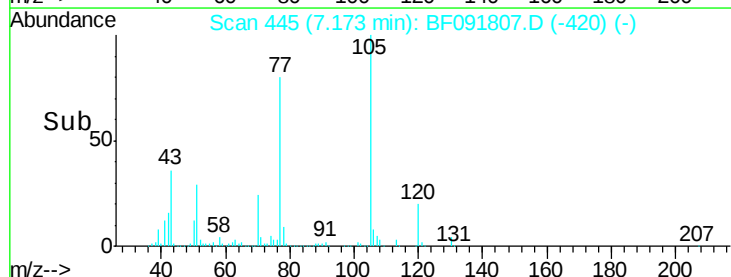


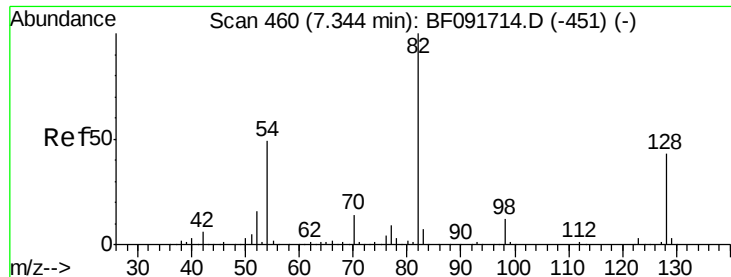
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

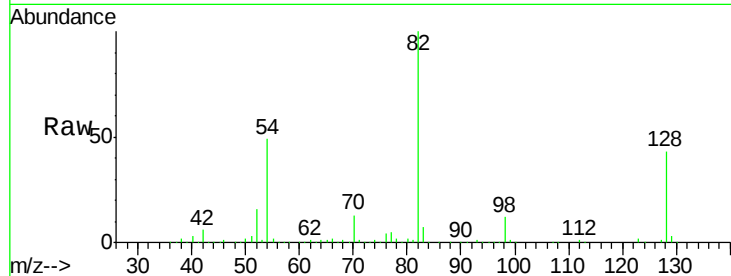




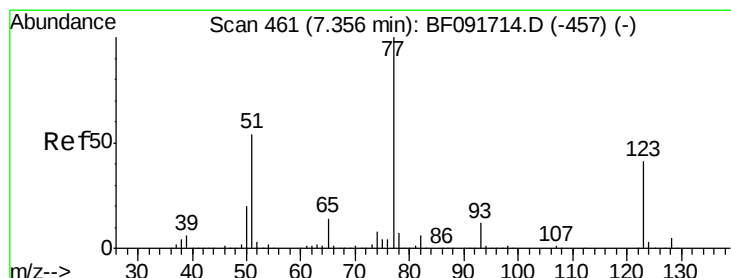
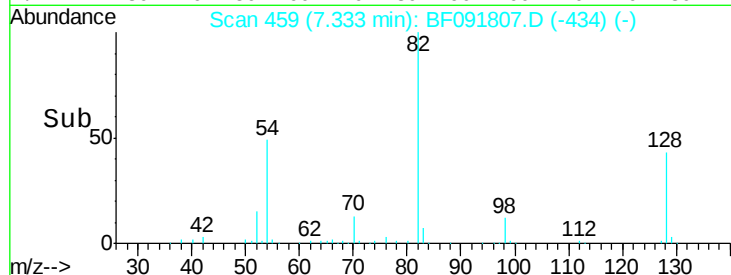
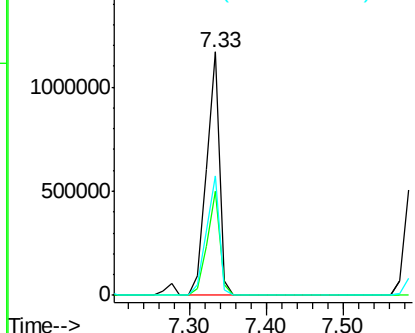
#23
 Nitrobenzene-d5
 Concen: 83.17 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1333574
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 52.0
 54 49.2 39.5 59.3

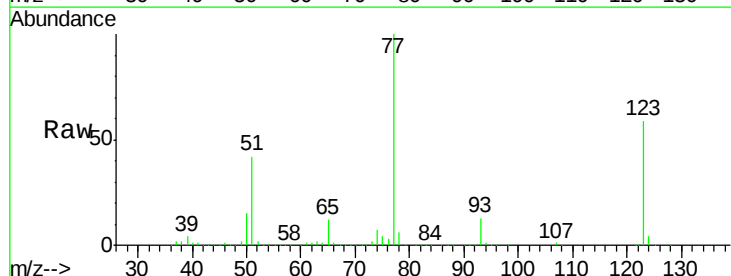


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

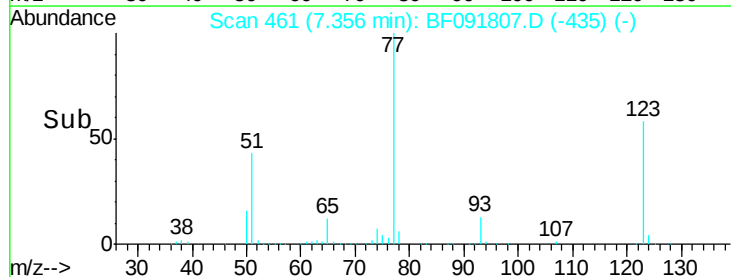
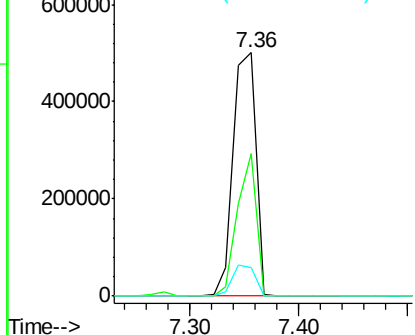


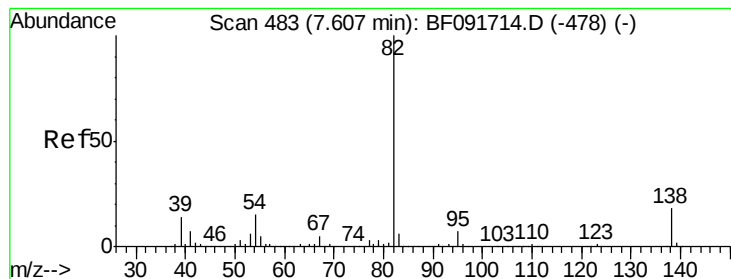
#24
 Nitrobenzene
 Concen: 41.41 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion: 77 Resp: 713059
 Ion Ratio Lower Upper
 77 100
 123 58.7 33.0 49.4#
 65 11.5 11.2 16.8



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





#25

Isophorone

Concen: 40.50 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

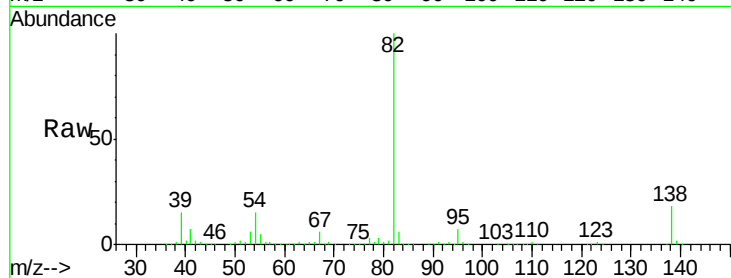
Tgt Ion: 82 Resp: 1239099

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

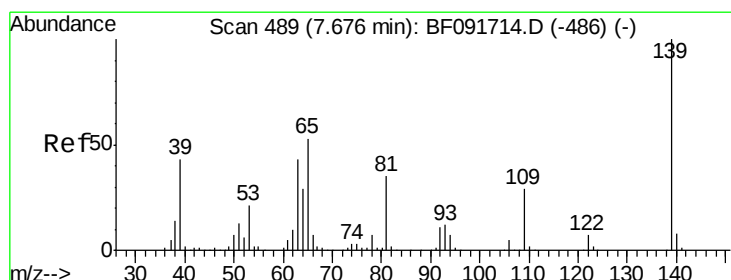
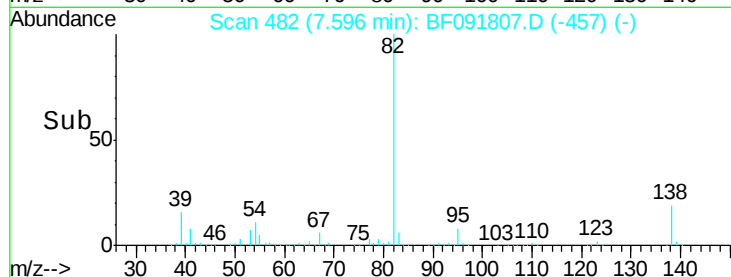
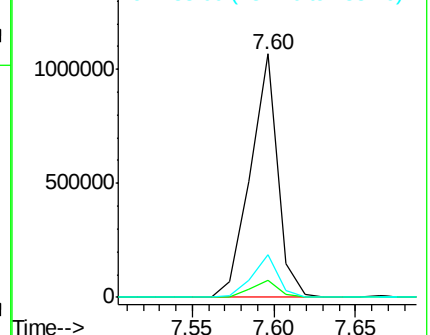
138 17.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.63 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

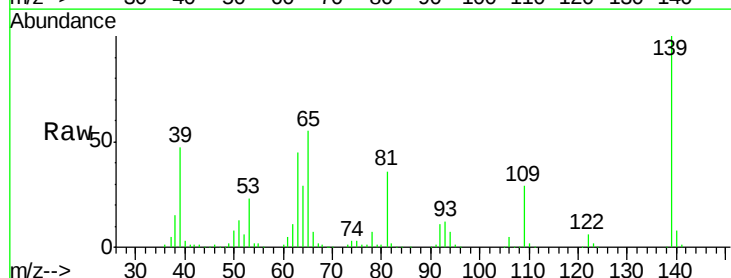
Tgt Ion: 139 Resp: 337536

Ion Ratio Lower Upper

139 100

109 29.3 23.3 34.9

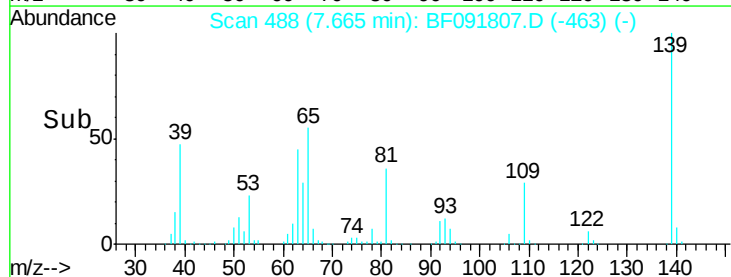
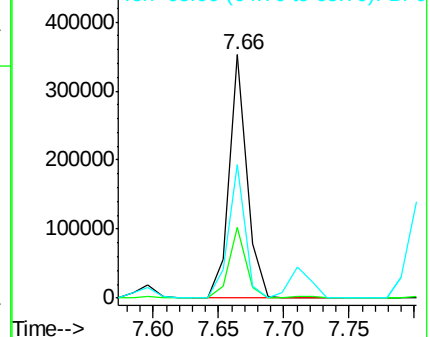
65 54.8 42.7 64.1

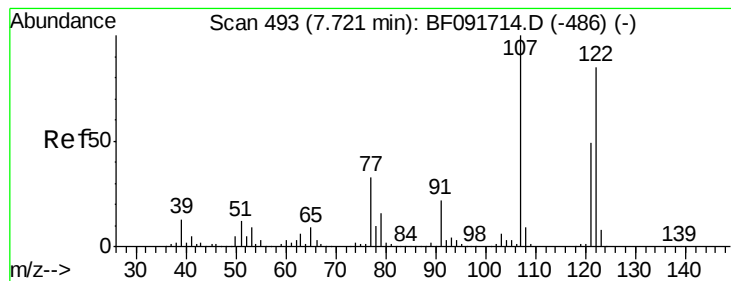


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.28 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

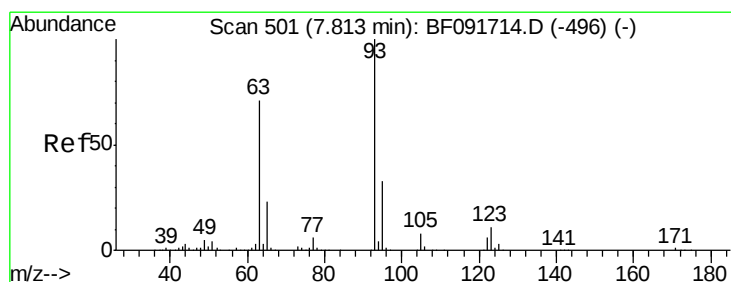
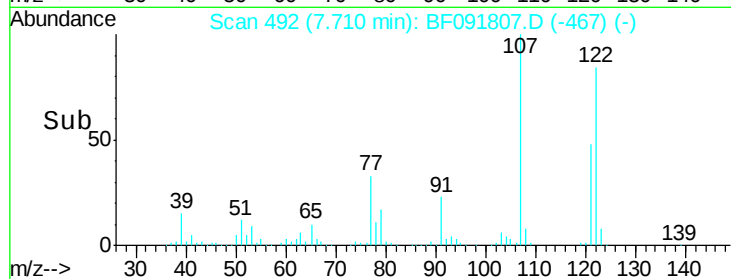
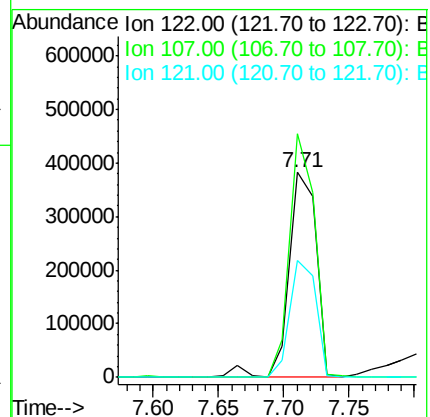
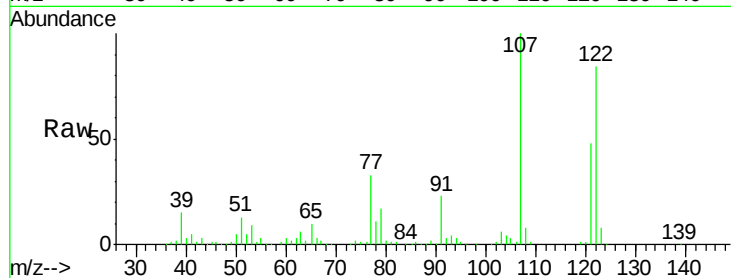
Tgt Ion:122 Resp: 559349

Ion Ratio Lower Upper

122 100

107 118.7 94.1 141.1

121 57.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.54 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

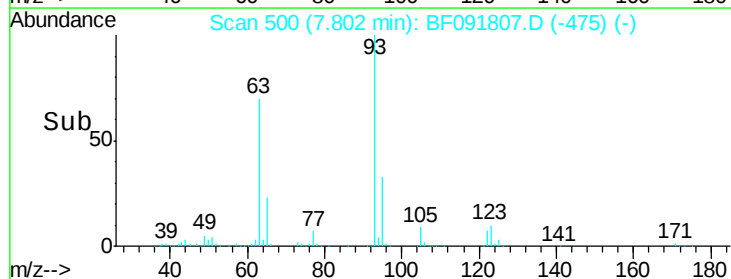
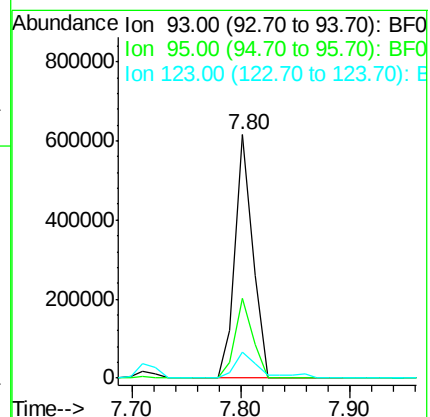
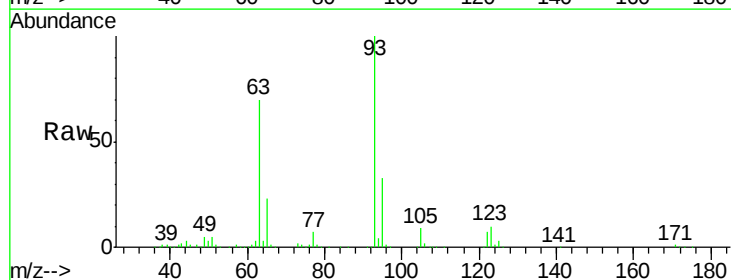
Tgt Ion: 93 Resp: 689934

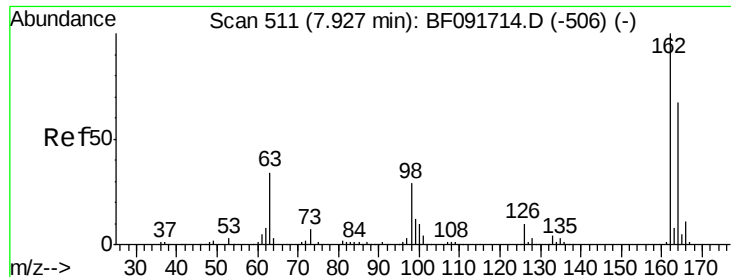
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 10.5 8.6 13.0

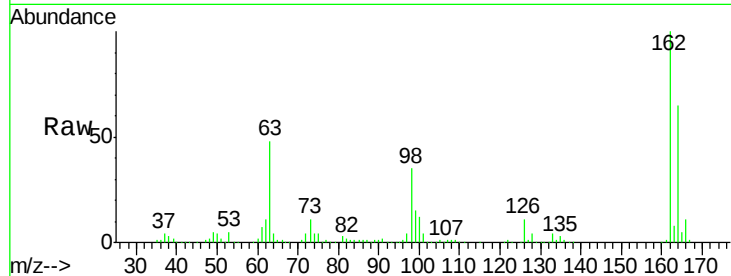




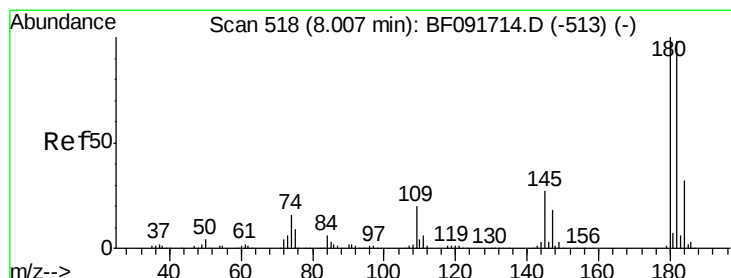
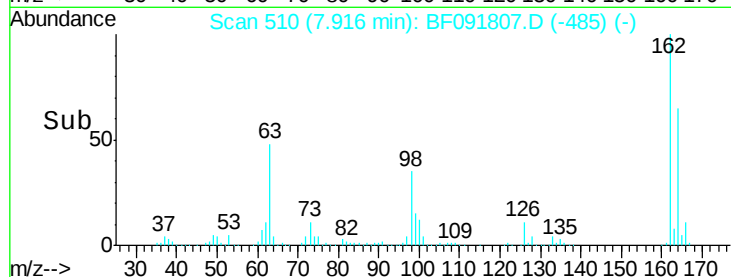
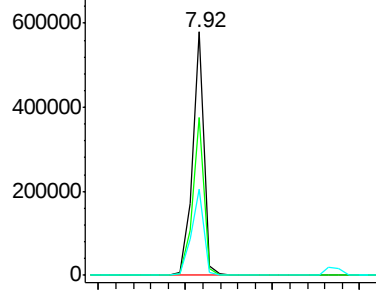
#29
 2,4-Dichlorophenol
 Concen: 43.36 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.8	86.8
98	35.2	9.1	49.1

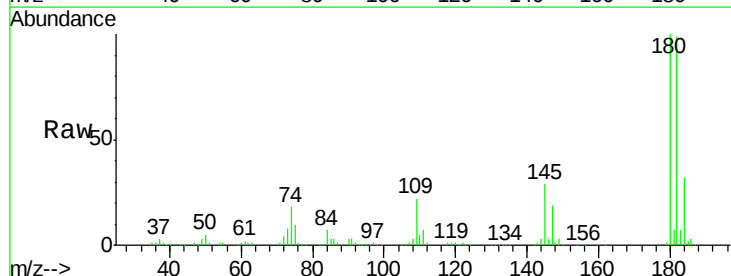


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

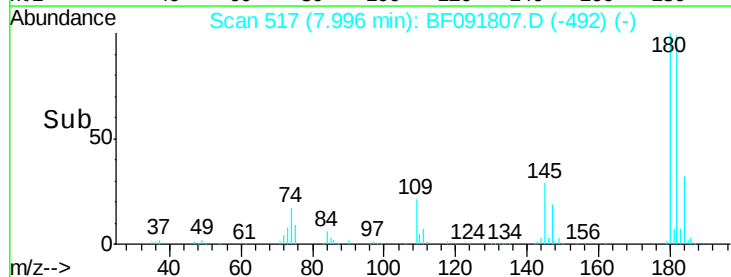
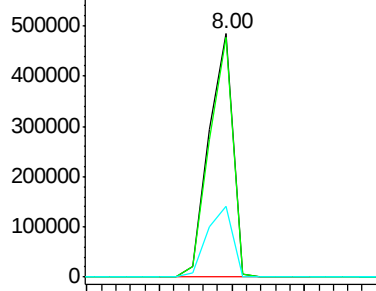


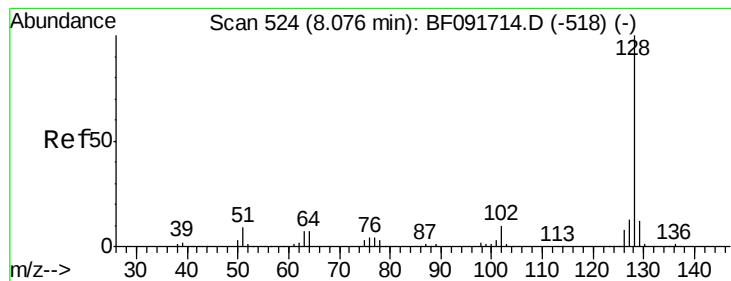
#30
 1,2,4-Trichlorobenzene
 Concen: 40.87 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	78.2	117.4
145	28.9	21.6	32.4



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





#31

Naphthalene

Concen: 41.04 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

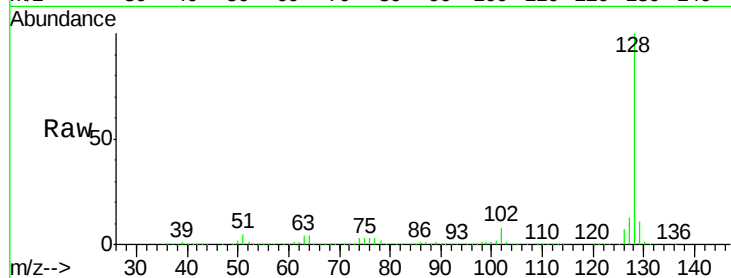
Tgt Ion:128 Resp: 1813179

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

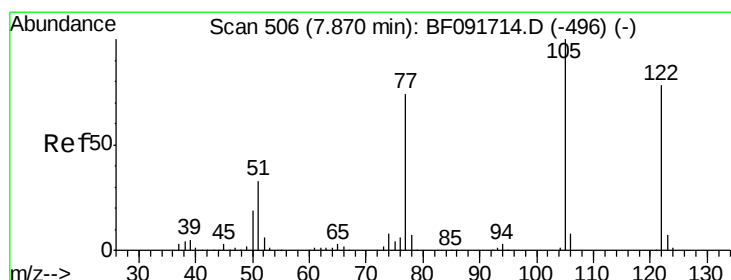
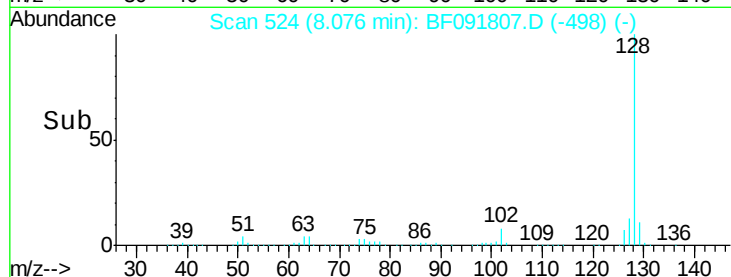
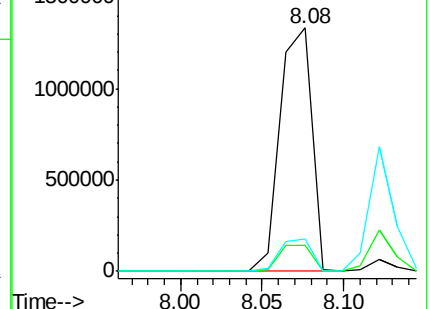
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.37 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

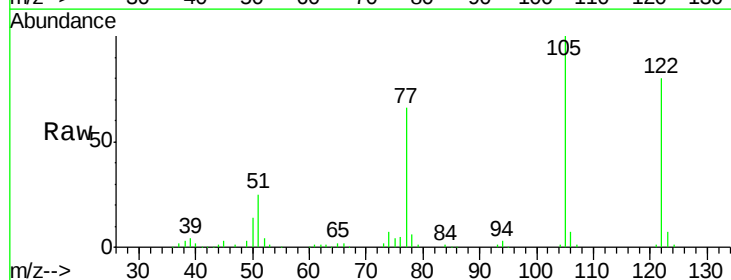
Tgt Ion:122 Resp: 409156

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

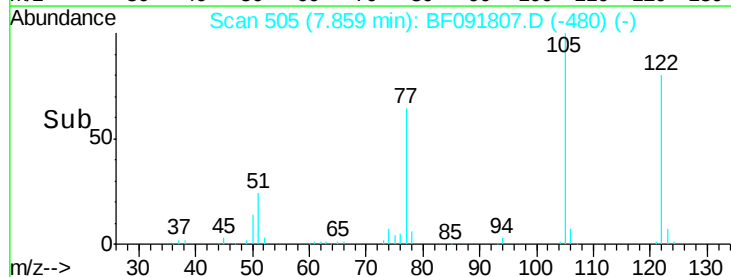
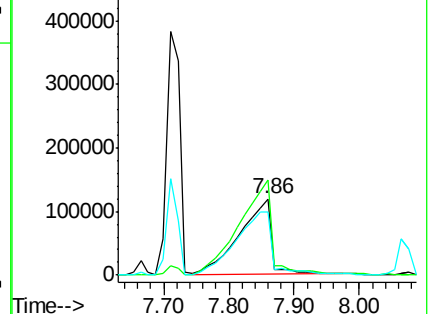
77 82.7 74.5 114.5

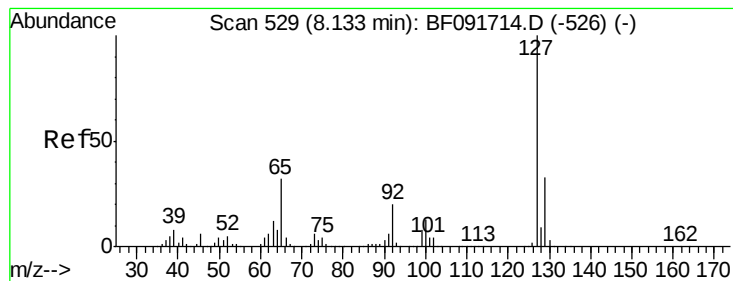


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.47 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

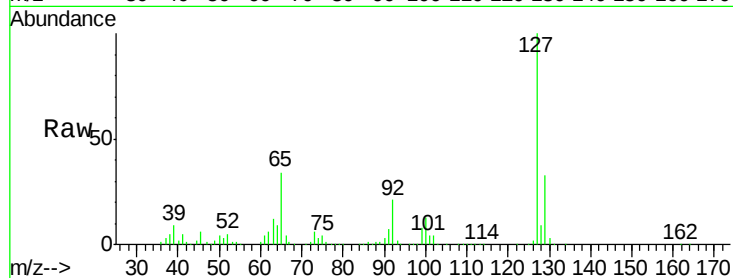
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	734473
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	34.5	25.8	38.8
92	20.6	16.1	24.1



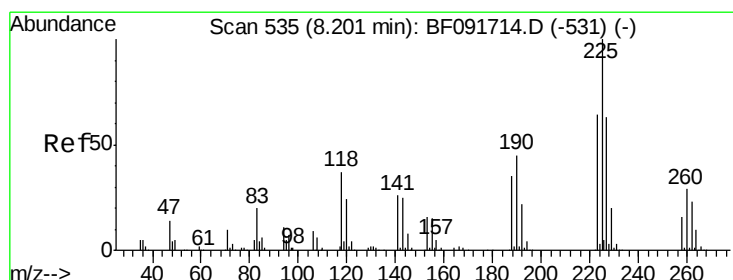
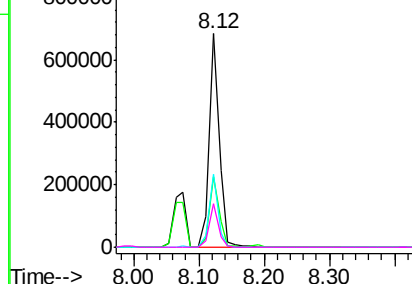
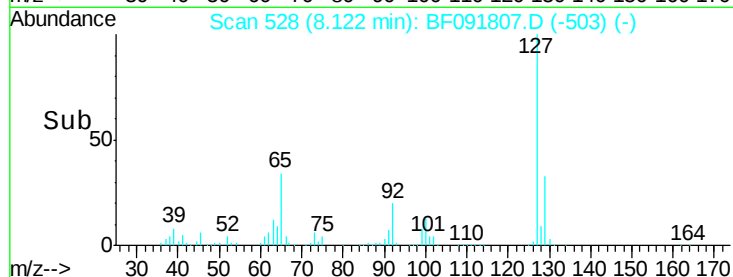
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.15 ng

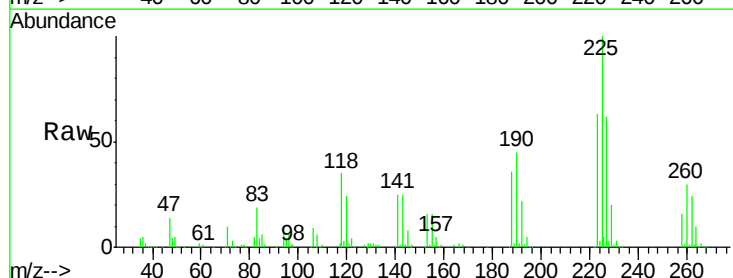
RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Tgt Ion:	225	Resp:	298172
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	62.0	50.6	76.0

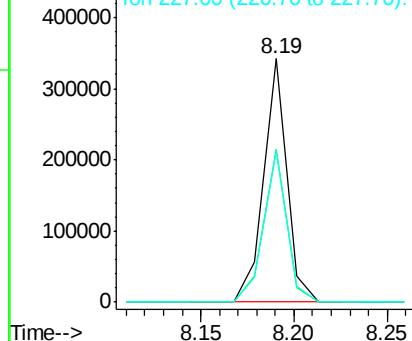
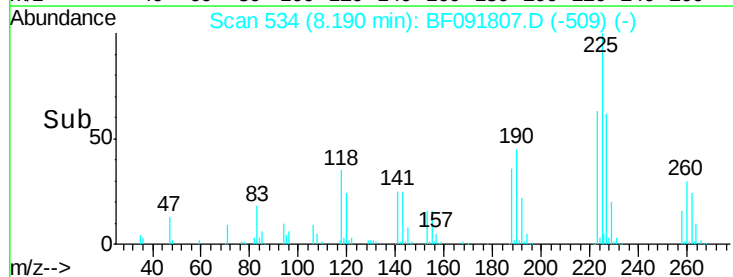


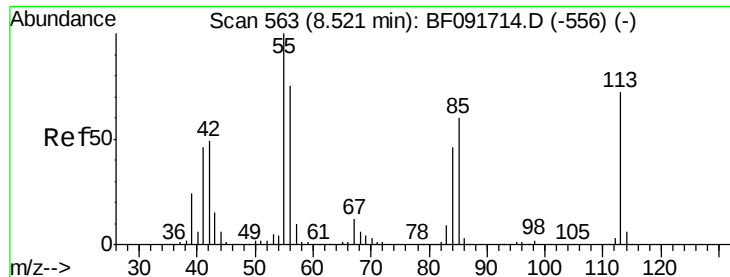
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

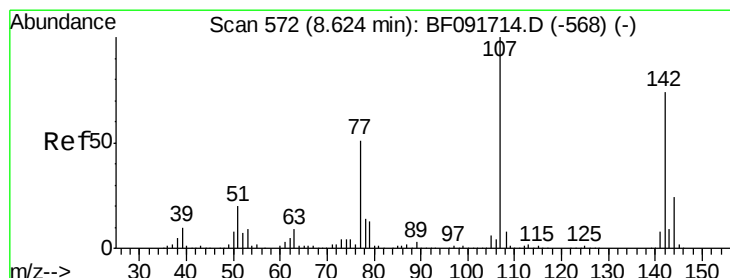
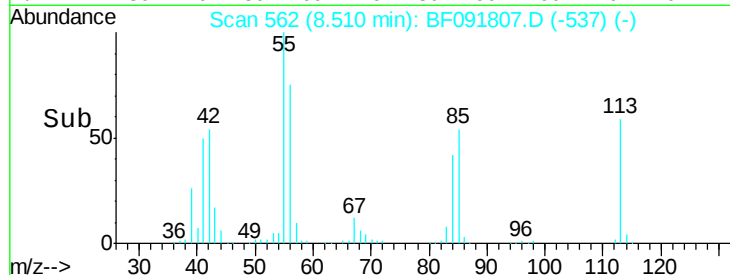
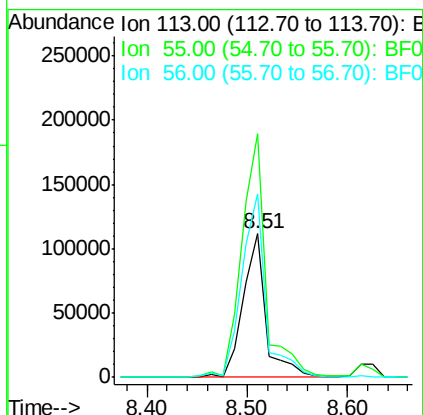
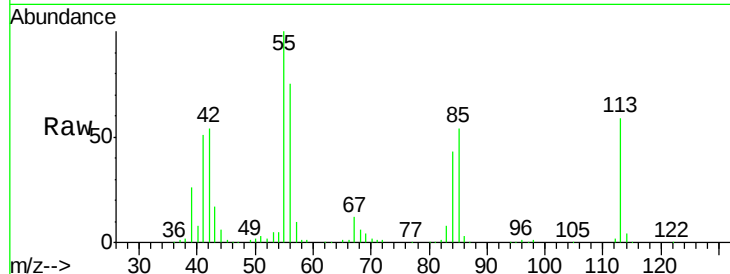




#35
 Caprolactam
 Concen: 43.85 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

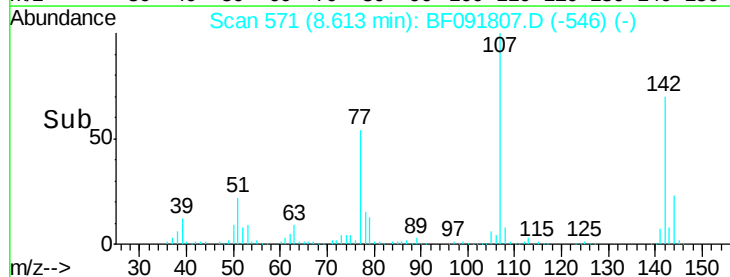
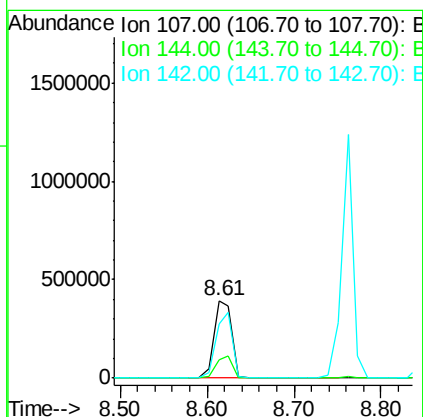
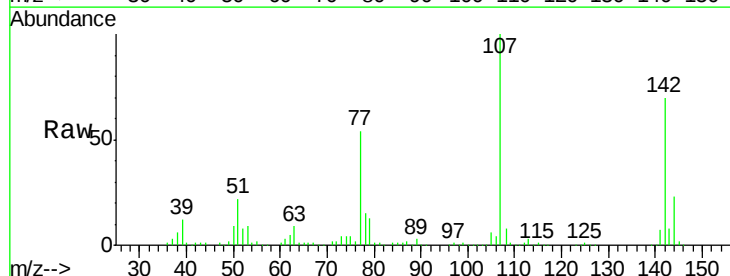
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

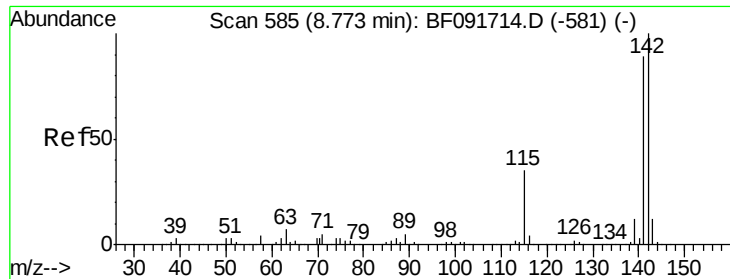
Tgt Ion:113 Resp: 176327
 Ion Ratio Lower Upper
 113 100
 55 169.8 119.2 159.2#
 56 128.1 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.95 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:107 Resp: 564579
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.3 28.9
 142 69.6 59.0 88.6

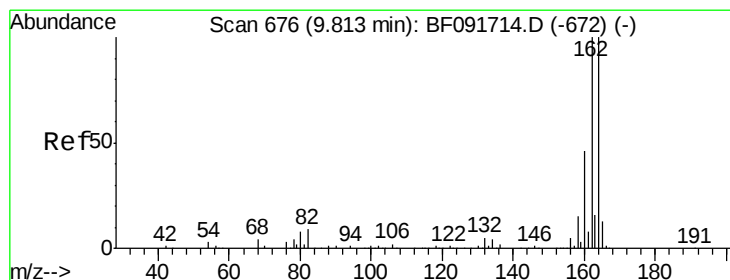
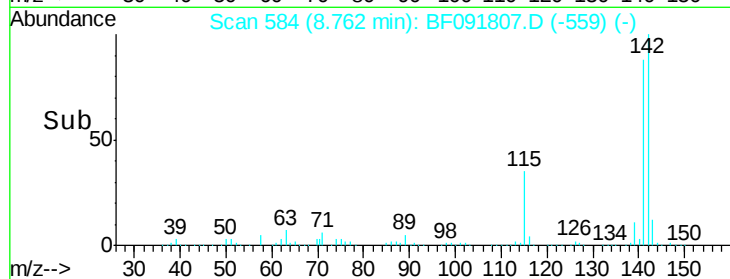
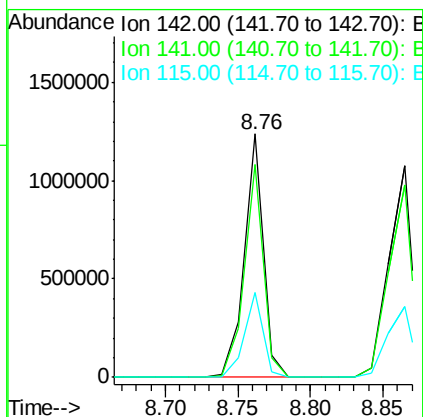
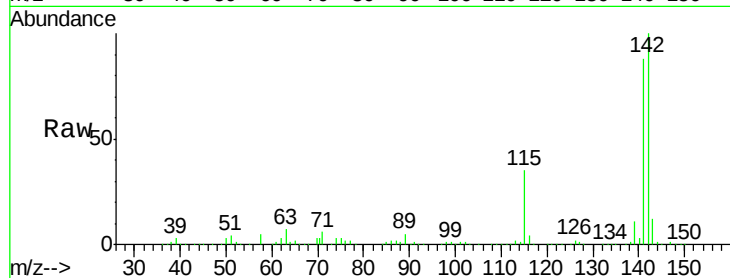




#37
2-Methylnaphthalene
Concen: 40.67 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

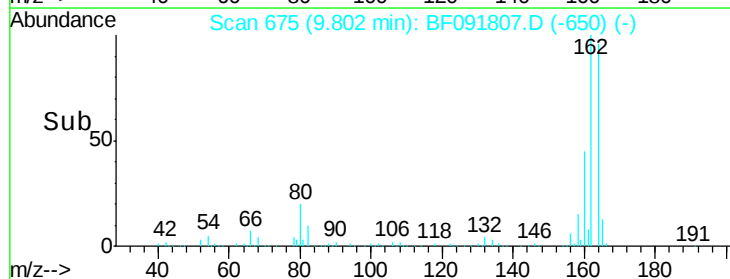
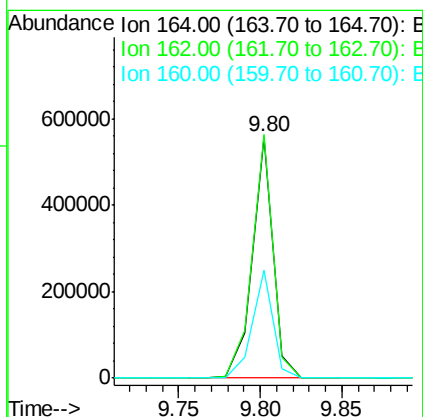
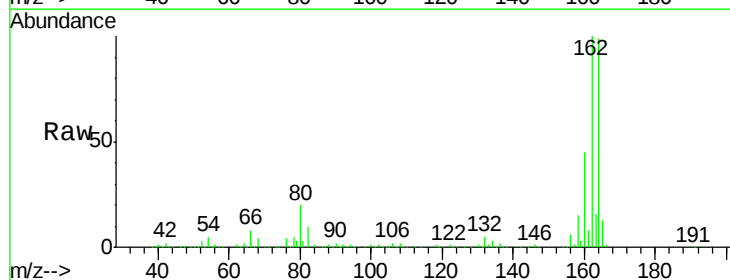
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

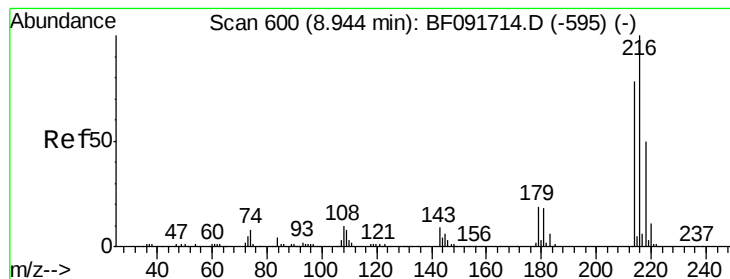
Tgt Ion:142 Resp: 1132577
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 34.6 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:164 Resp: 493556
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.70 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 512985

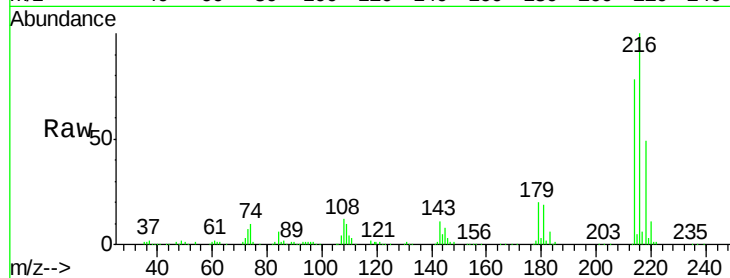
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.5 17.4 26.2

108 20.1 15.6 23.4

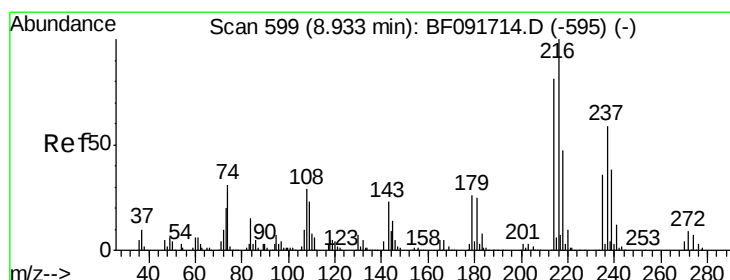
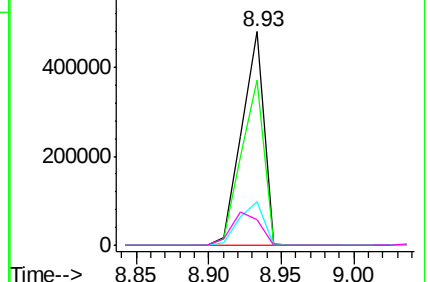
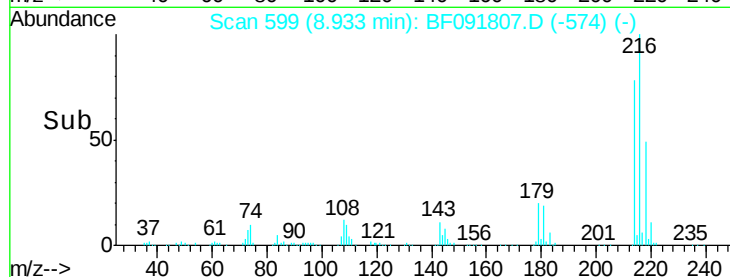


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.47 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

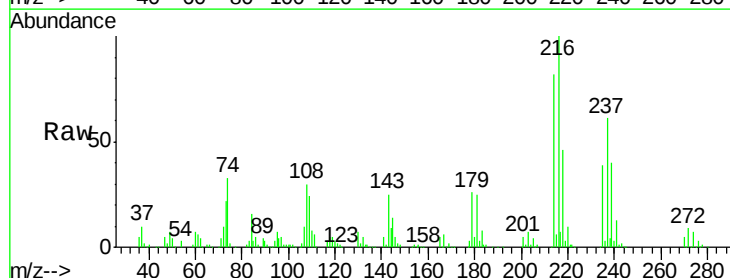
Tgt Ion:237 Resp: 195373

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

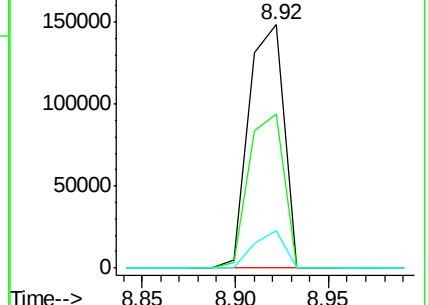
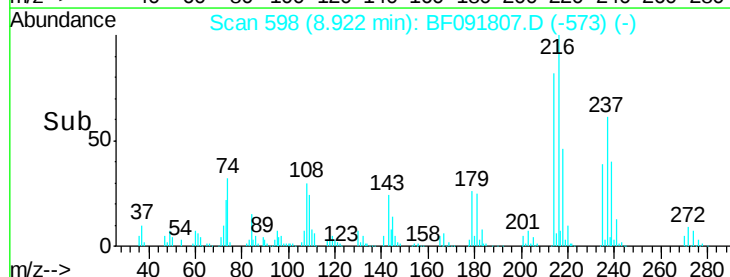
272 15.5 0.0 35.4

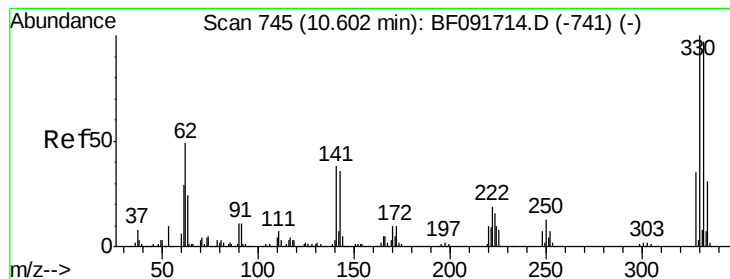


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.37 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

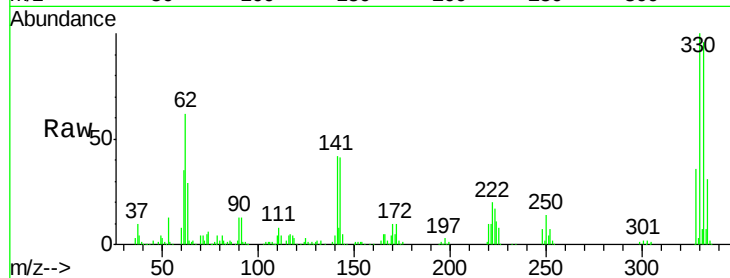
Tgt Ion:330 Resp: 323802

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

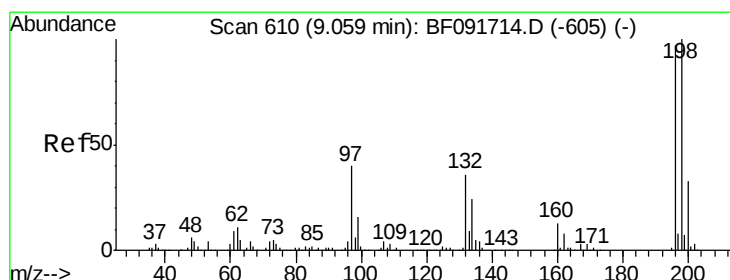
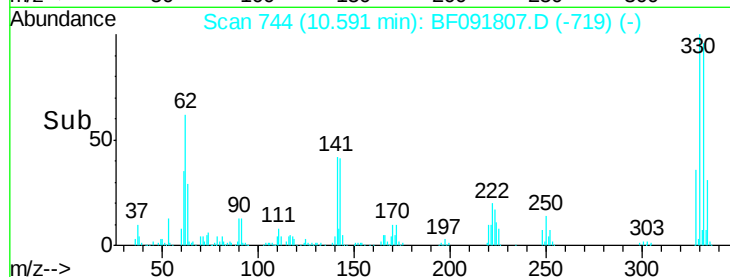
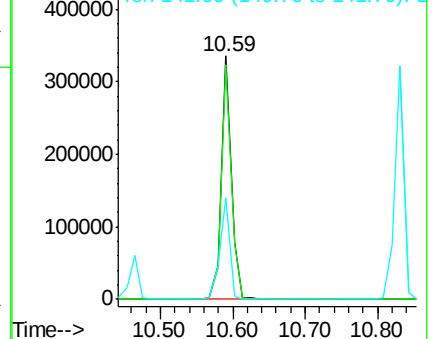
141 41.0 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.78 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

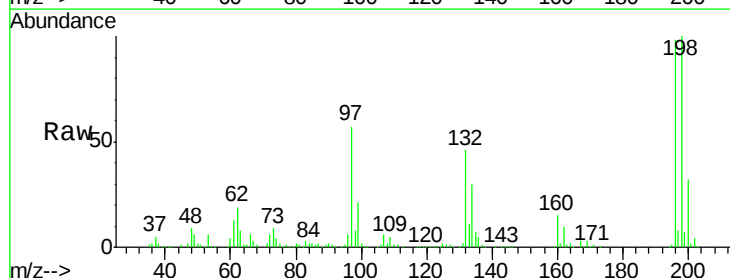
Tgt Ion:196 Resp: 376009

Ion Ratio Lower Upper

196 100

198 101.8 82.1 123.1

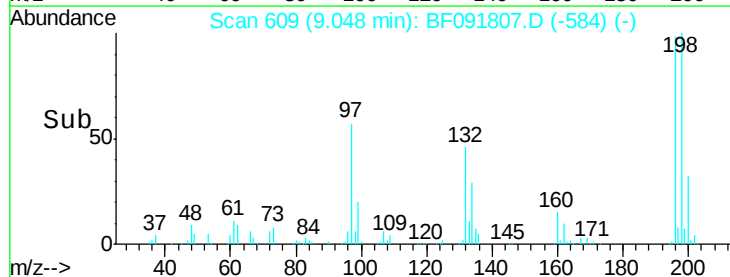
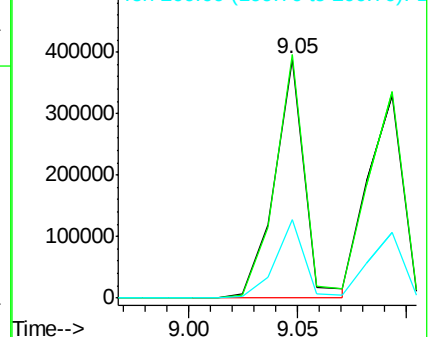
200 32.6 27.0 40.4

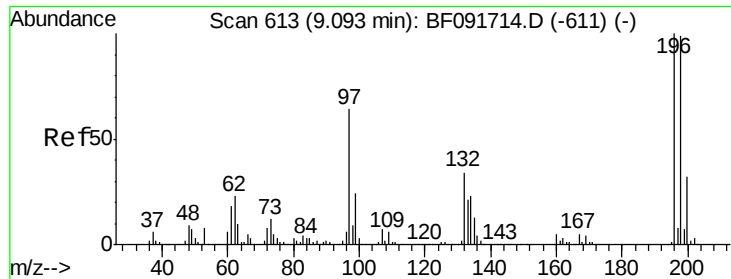


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

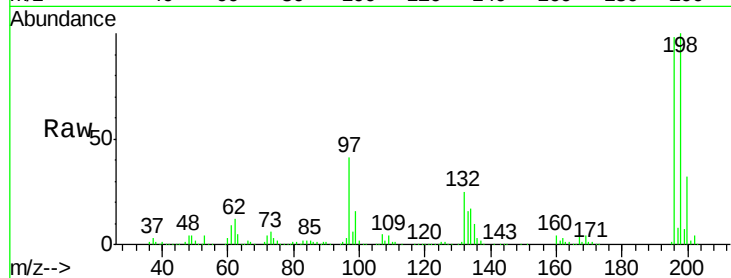




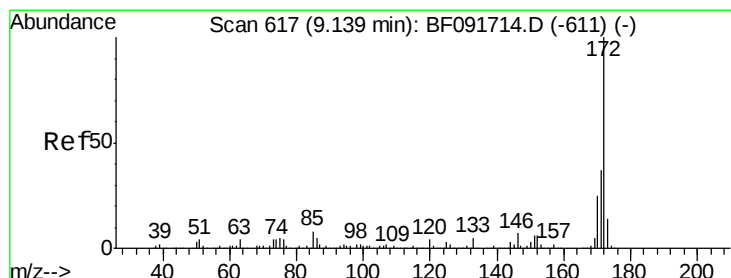
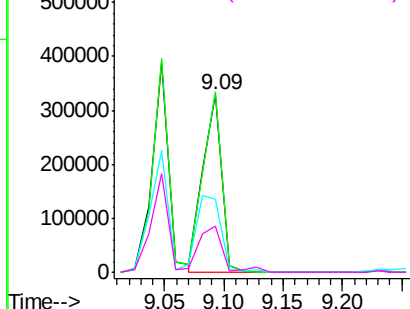
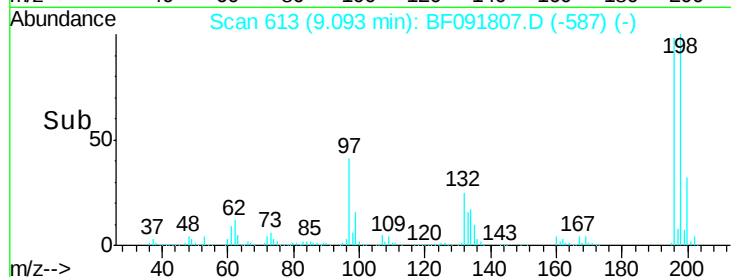
#43
 2,4,5-Trichlorophenol
 Concen: 42.65 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 368329
 Ion Ratio Lower Upper
 196 100
 198 102.1 79.4 119.2
 97 41.4 51.5 77.3#
 132 25.9 27.4 41.2#

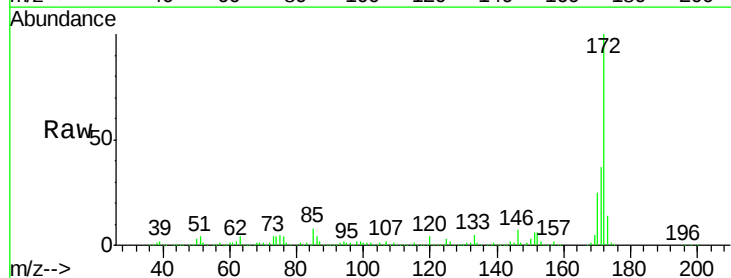


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

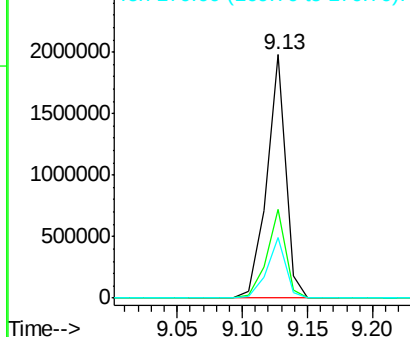
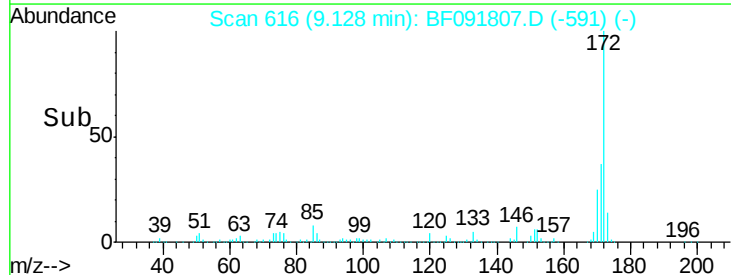


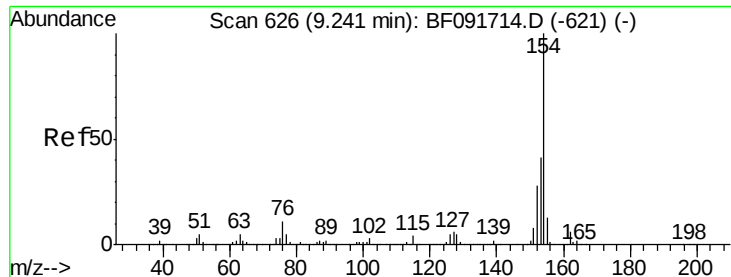
#44
 2-Fluorobiphenyl
 Concen: 82.05 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:172 Resp: 2015653
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 20.2 30.4



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: 42.75 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

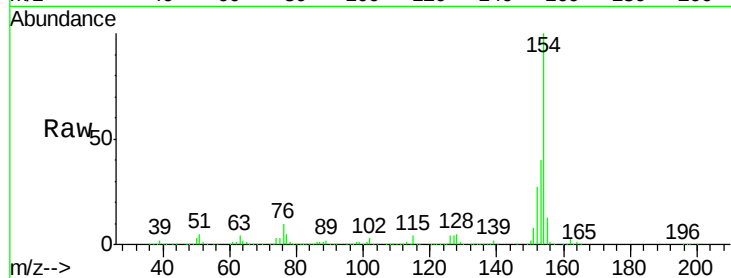
Tgt Ion:154 Resp: 1512268

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

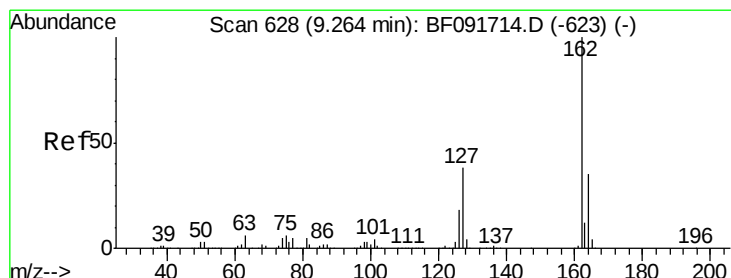
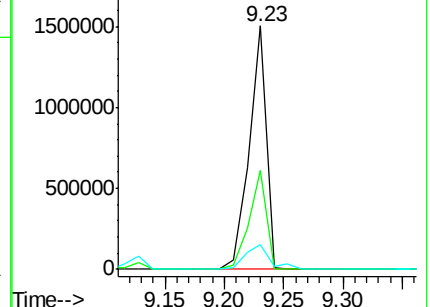
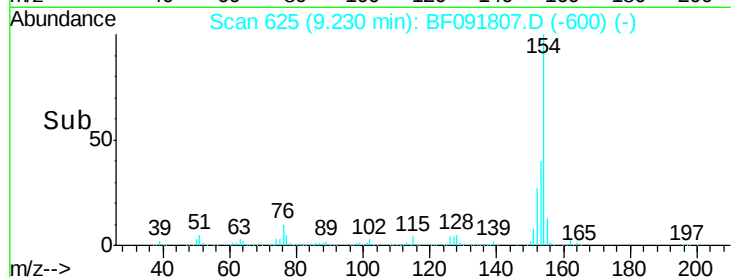
76 10.4 0.0 30.5



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: 43.24 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

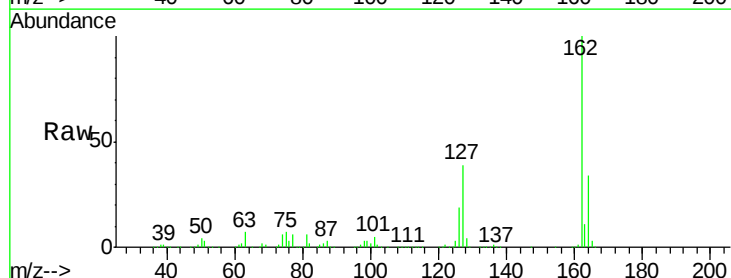
Tgt Ion:162 Resp: 1143033

Ion Ratio Lower Upper

162 100

127 39.5 30.7 46.1

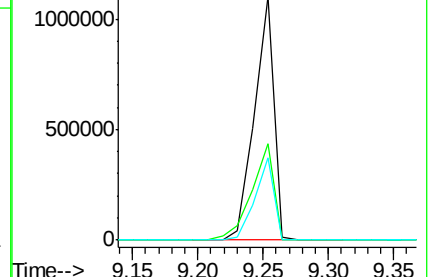
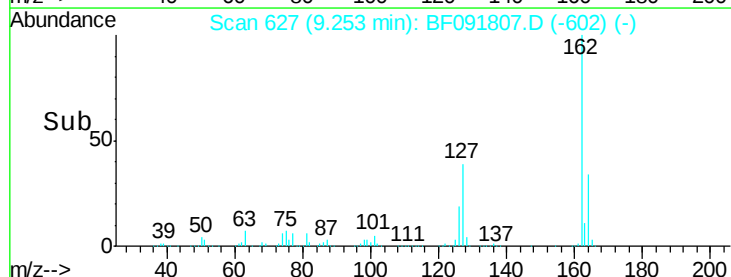
164 33.7 27.6 41.4

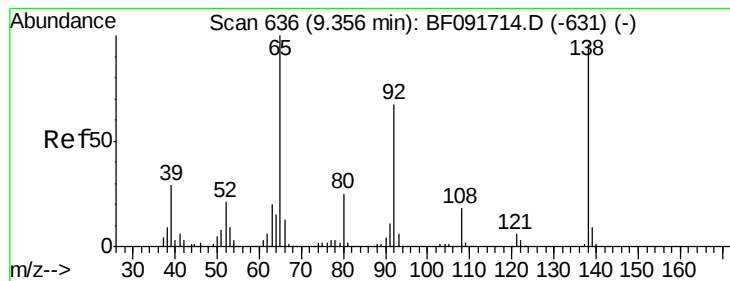


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.67 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

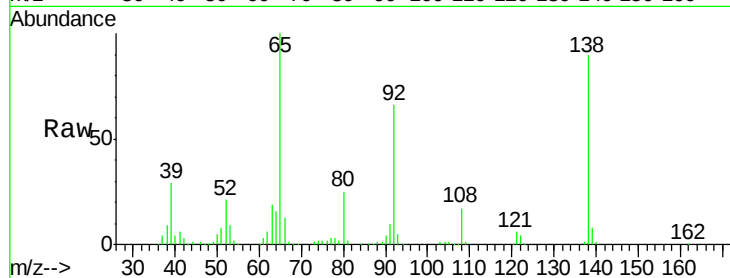
Tgt Ion: 65 Resp: 394186

Ion Ratio Lower Upper

65 100

92 65.8 53.9 80.9

138 90.1 76.8 115.2

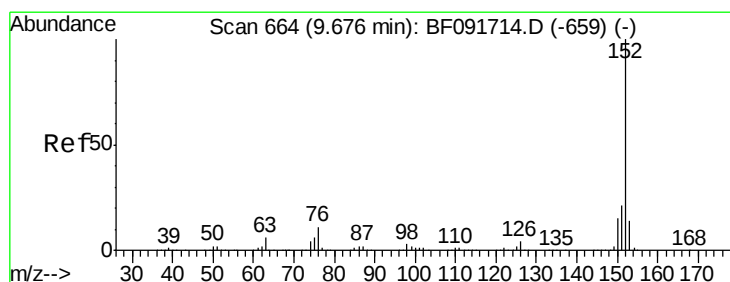
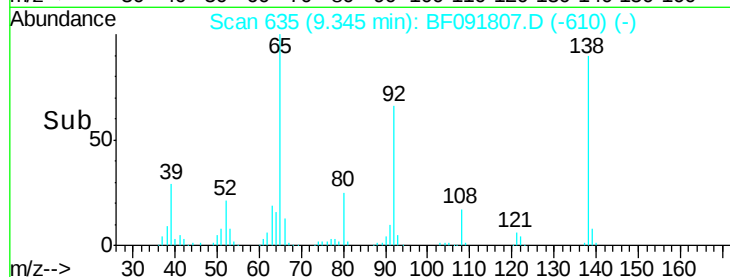
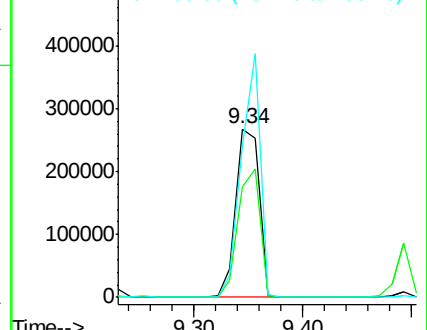


Abundance

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.90 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

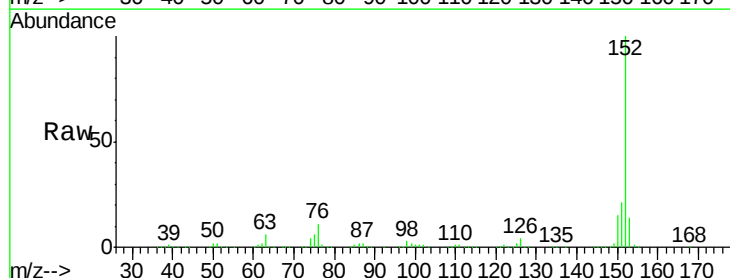
Tgt Ion: 152 Resp: 1675313

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 14.3 11.4 17.2

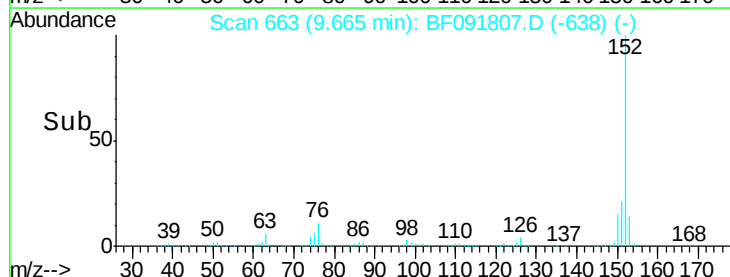
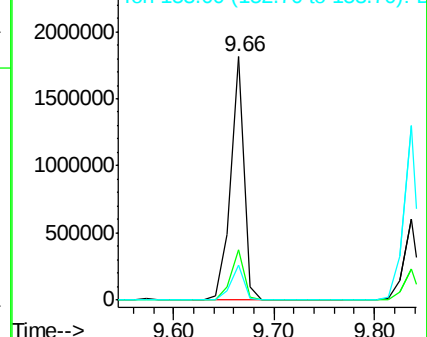


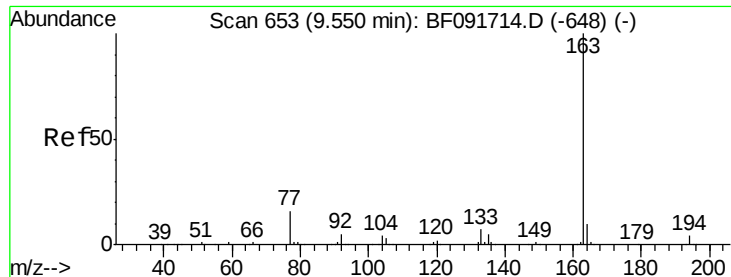
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

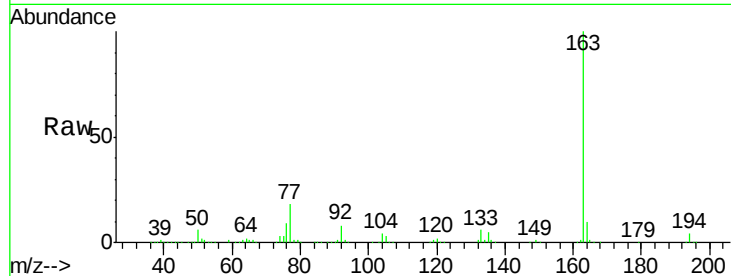




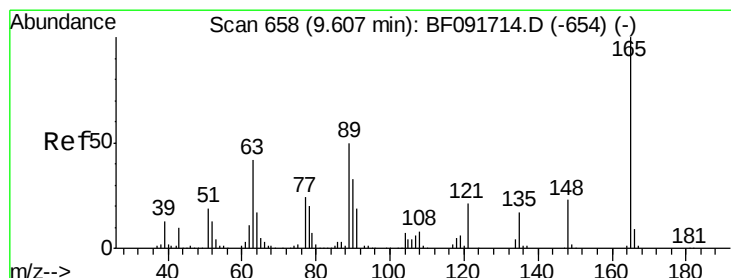
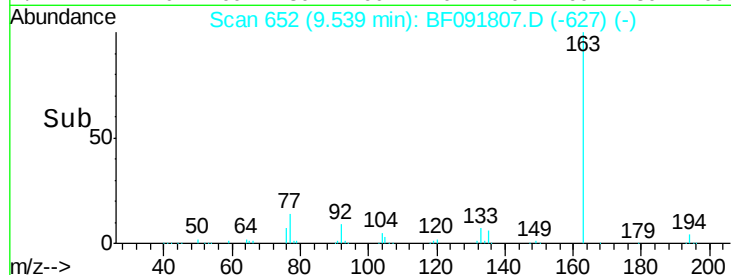
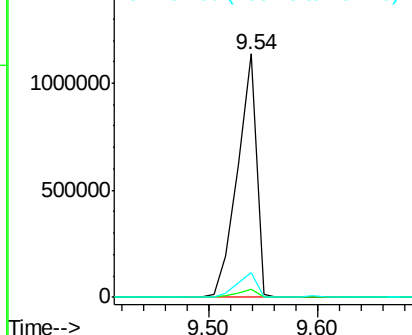
#49
Dimethylphthalate
Concen: 42.18 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1359701
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.9 8.0 12.0

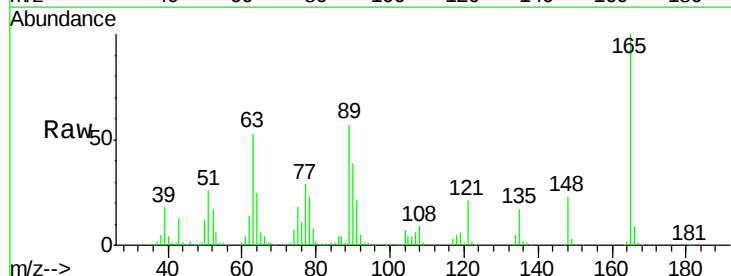


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

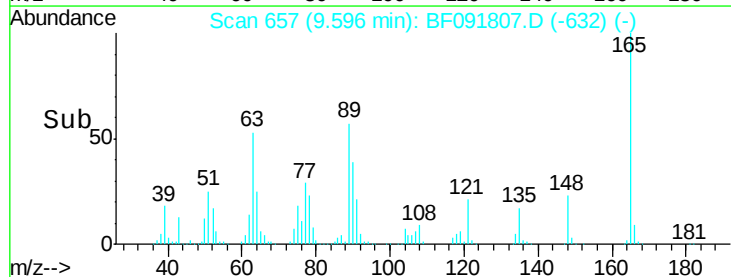
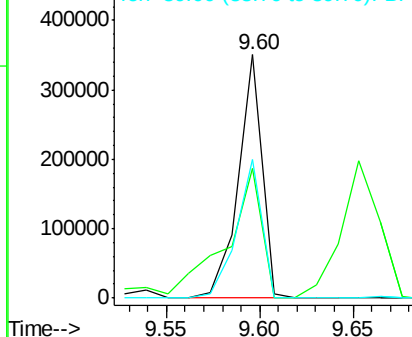


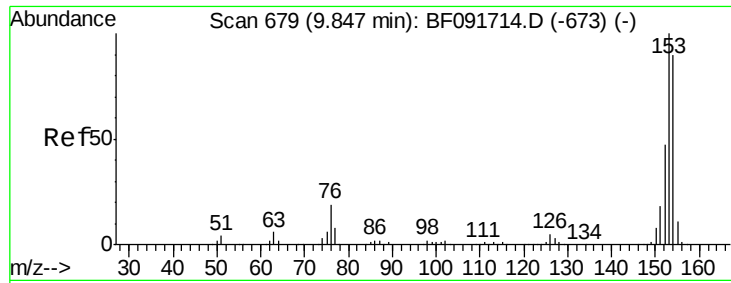
#50
2,6-Dinitrotoluene
Concen: 44.24 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:165 Resp: 312756
Ion Ratio Lower Upper
165 100
63 53.5 36.2 54.4
89 56.8 40.2 60.4



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

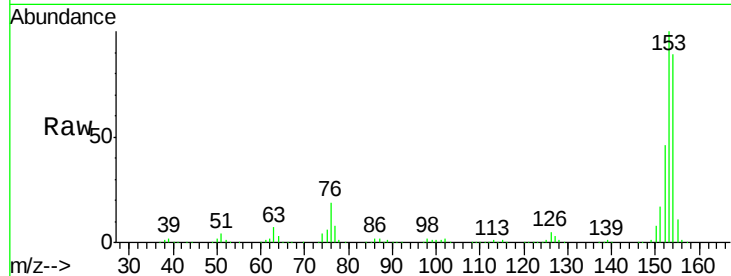




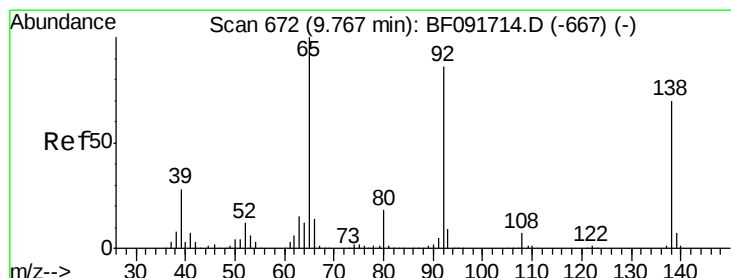
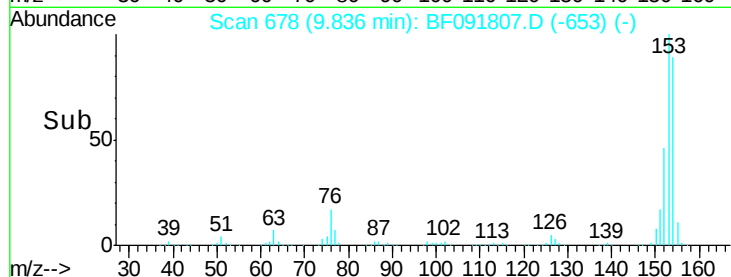
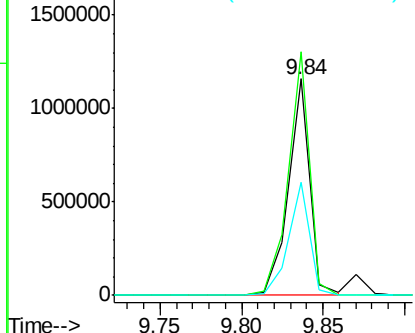
#51
Acenaphthene
Concen: 37.65 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 1058368
Ion Ratio Lower Upper
154 100
153 112.5 88.6 133.0
152 52.3 41.6 62.4

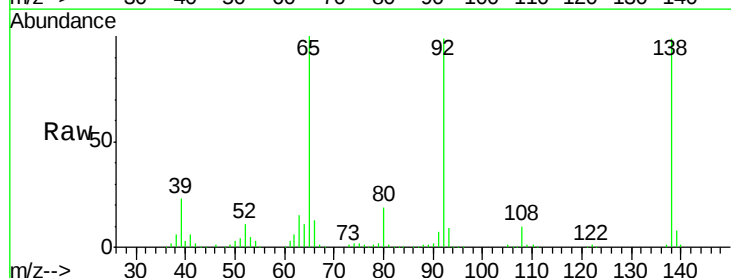


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

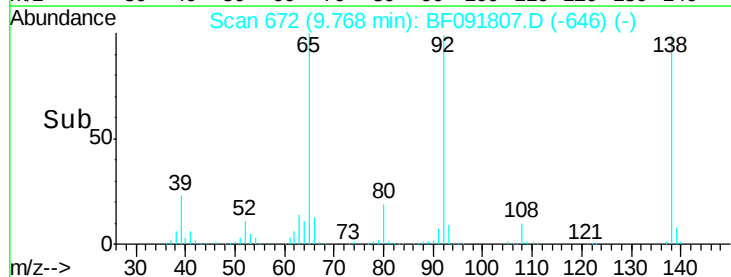
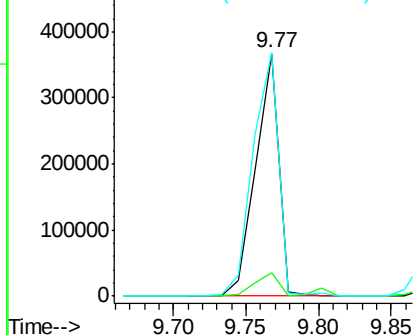


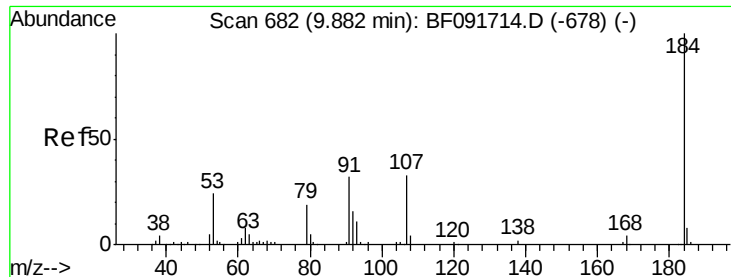
#52
3-Nitroaniline
Concen: 46.14 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:138 Resp: 406079
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 100.5 97.8 146.8



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

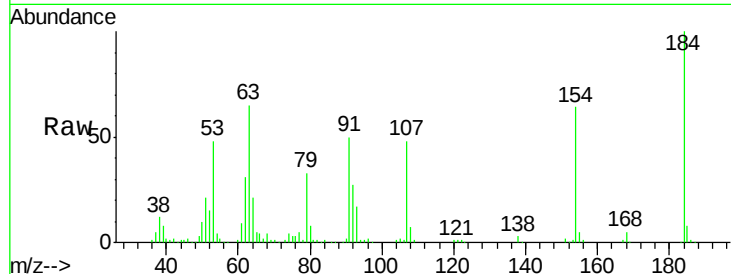




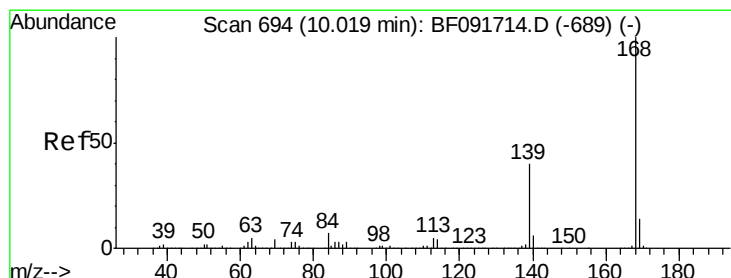
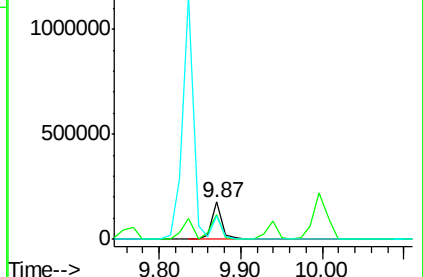
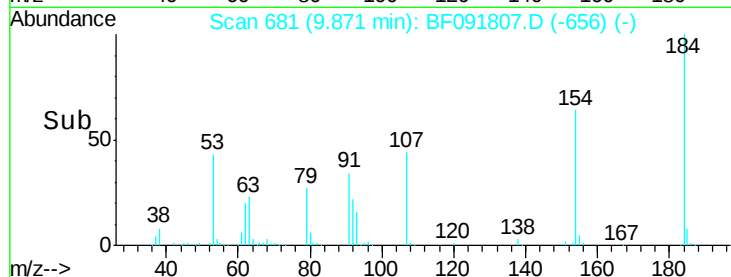
#53
2,4-Dinitrophenol
Concen: 44.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 168004
Ion Ratio Lower Upper
184 100
63 65.4 28.4 42.6#
154 63.5 44.3 66.5

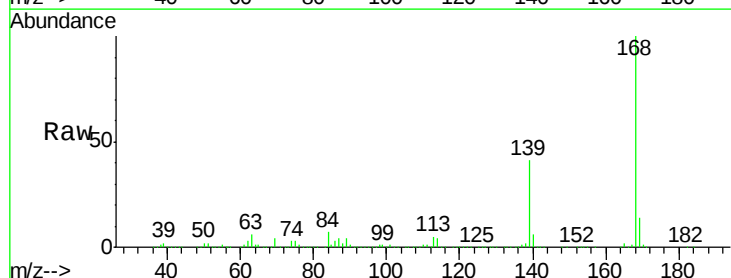


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

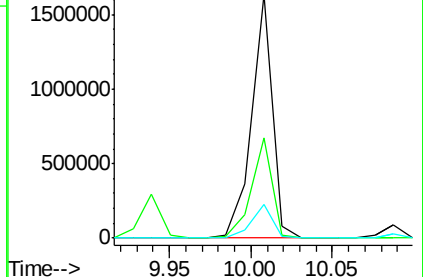
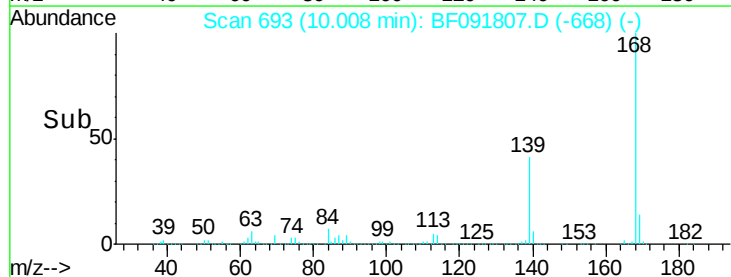


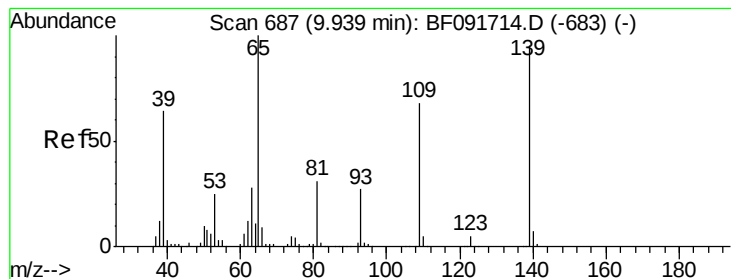
#54
Dibenzofuran
Concen: 43.04 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:168 Resp: 1438669
Ion Ratio Lower Upper
168 100
139 41.2 32.6 49.0
169 14.1 11.3 16.9



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: 43.71 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

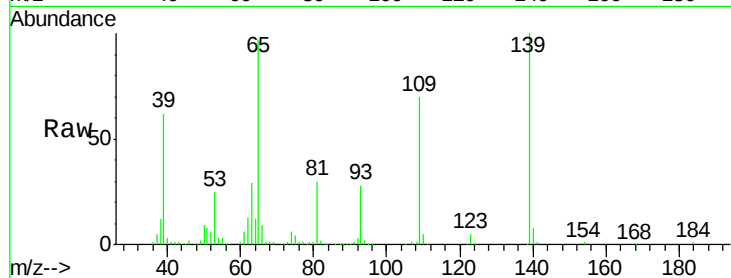
Tgt Ion:139 Resp: 267165

Ion Ratio Lower Upper

139 100

109 70.5 52.2 92.2

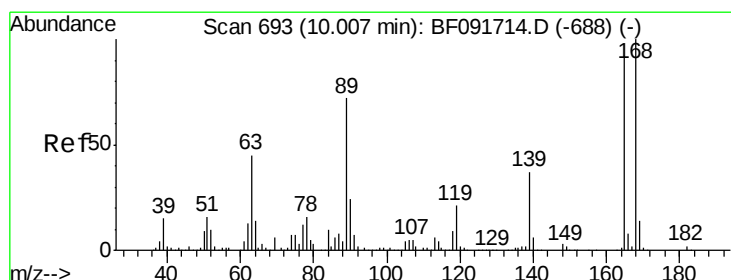
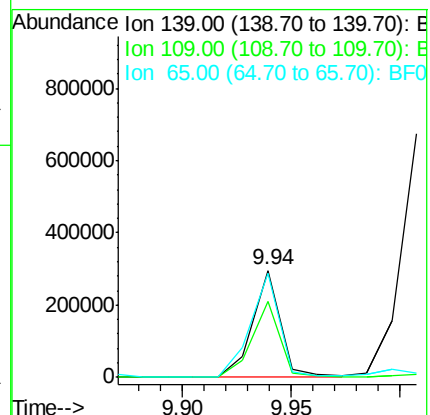
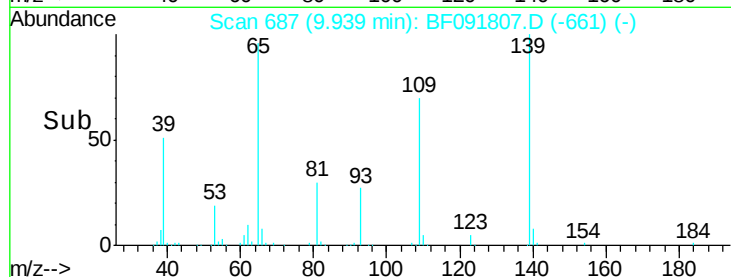
65 97.3 85.8 125.8



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: 40.81 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Tgt Ion:165 Resp: 360318

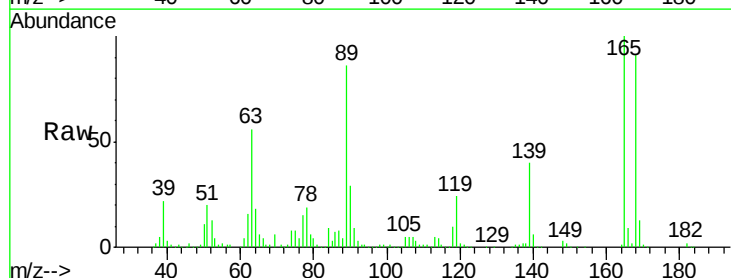
Ion Ratio Lower Upper

165 100

63 55.9 40.2 60.4

89 86.3 62.5 93.7

182 2.2 1.8 2.8

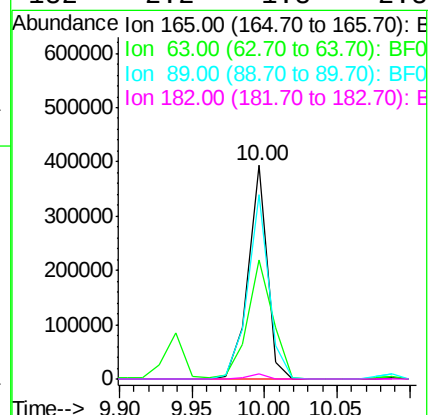
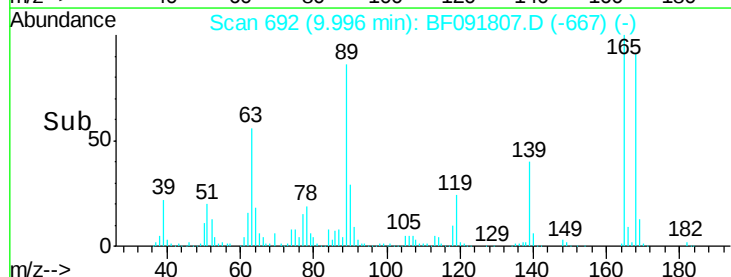


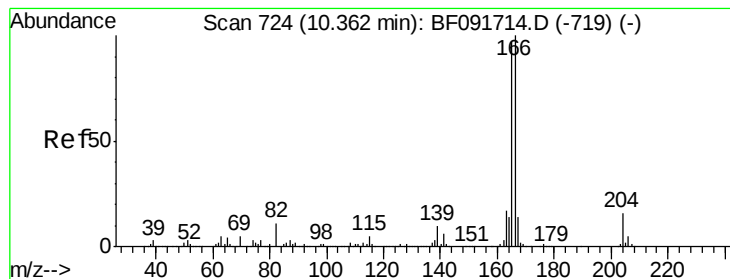
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.31 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

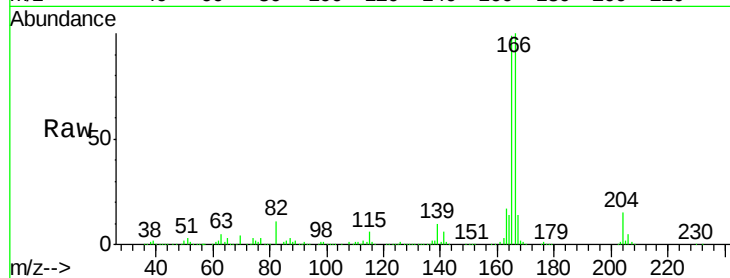
Tgt Ion:166 Resp: 1202551

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

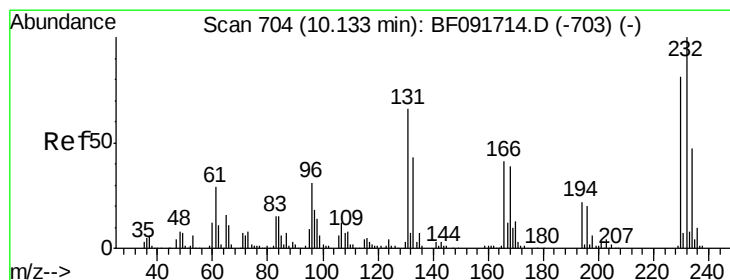
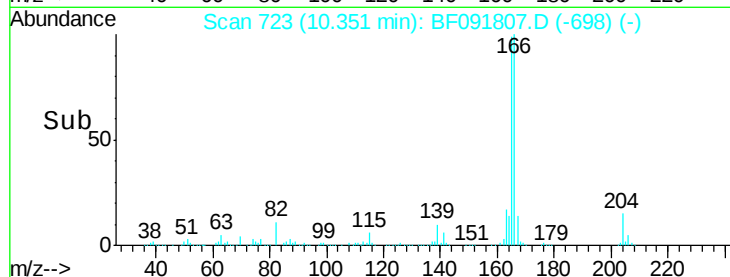
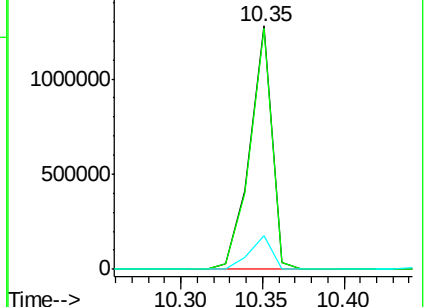
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.32 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Tgt Ion:232 Resp: 309283

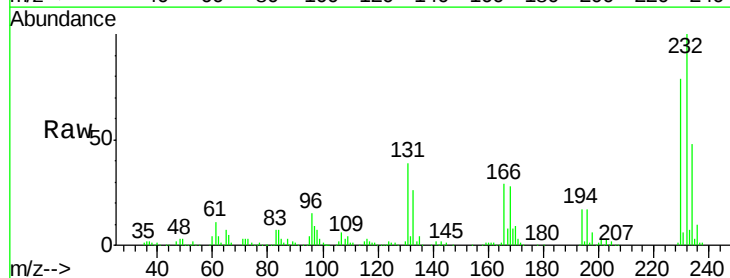
Ion Ratio Lower Upper

232 100

131 47.7 40.1 60.1

130 2.3 1.8 2.8

166 31.5 26.6 39.8

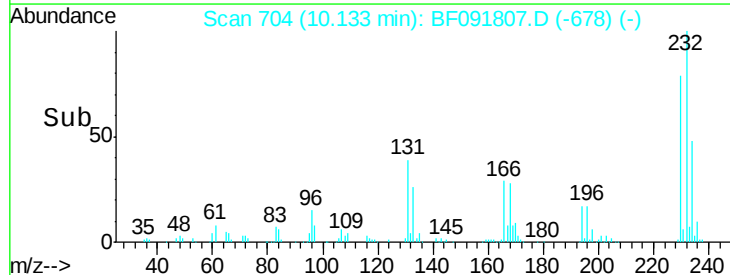
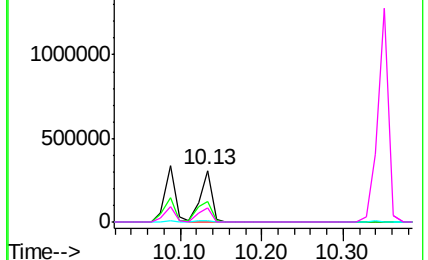


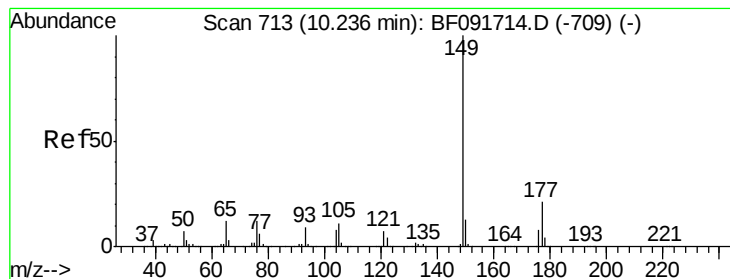
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.66 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

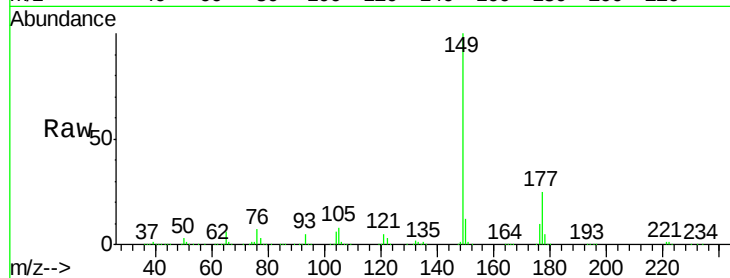
Tgt Ion:149 Resp: 1256936

Ion Ratio Lower Upper

149 100

177 24.9 16.6 25.0

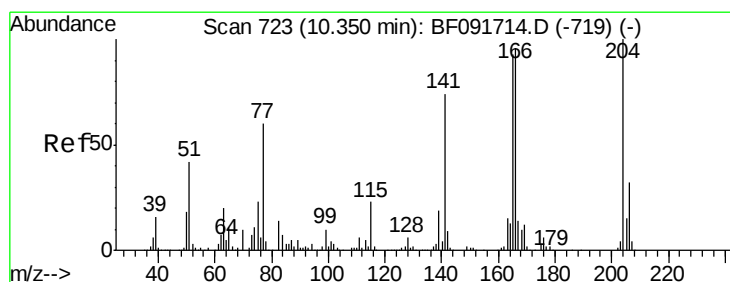
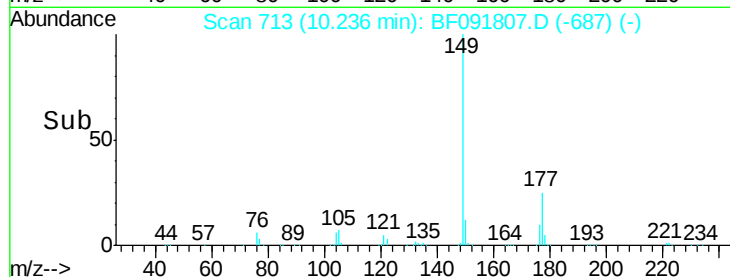
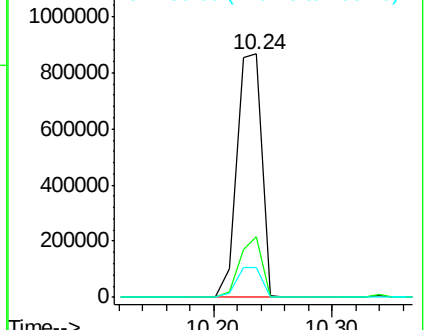
150 12.1 10.4 15.6



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: 39.69 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

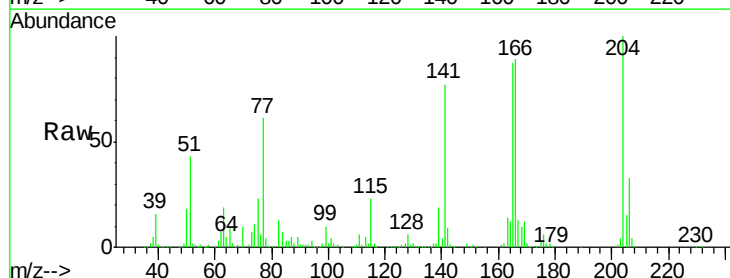
Tgt Ion:204 Resp: 469452

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

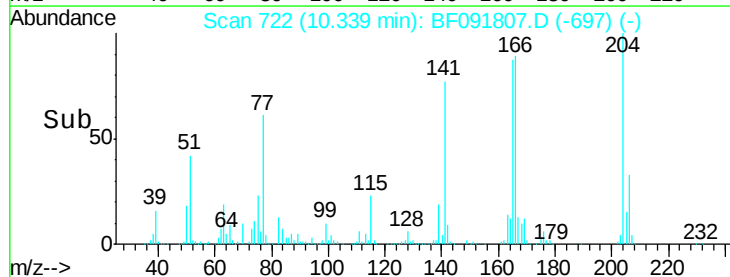
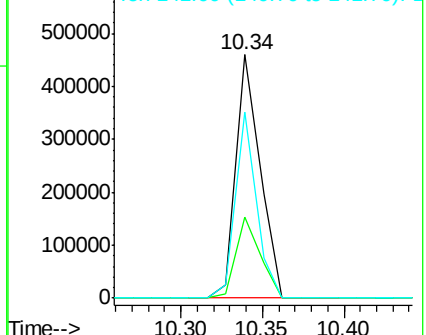
141 76.6 59.4 89.0

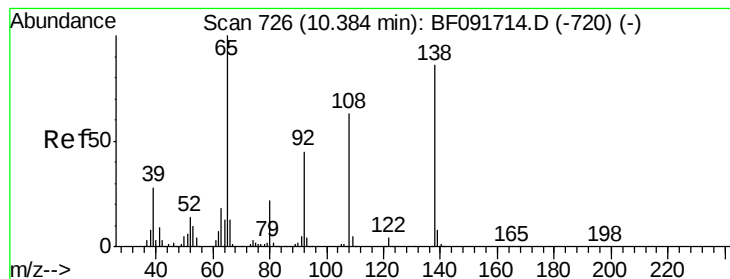


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.54 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

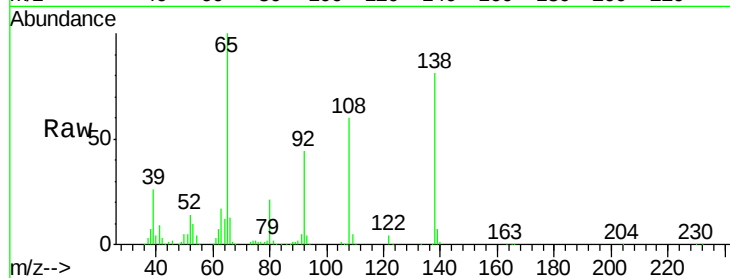
Tgt Ion:138 Resp: 363085

Ion Ratio Lower Upper

138 100

92 54.0 31.7 71.7

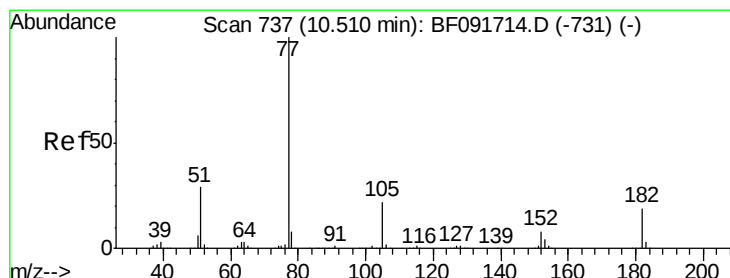
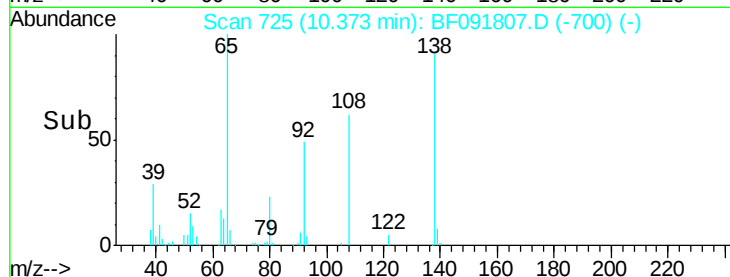
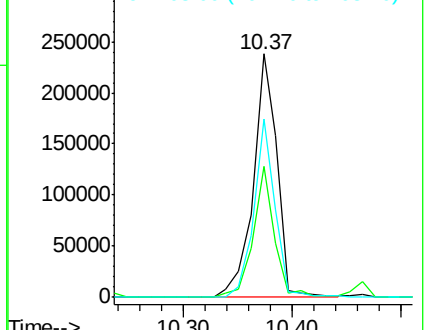
108 73.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.04 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Tgt Ion: 77 Resp: 1316400

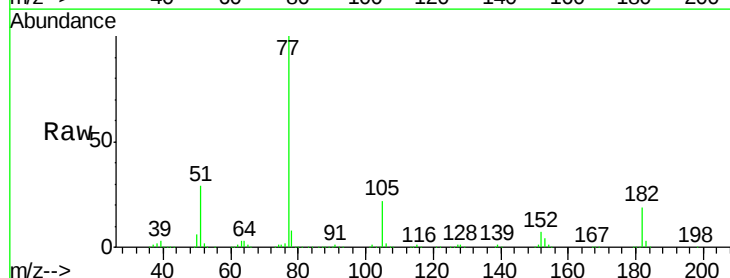
Ion Ratio Lower Upper

77 100

182 18.8 0.0 39.3

105 22.1 2.3 42.3

51 28.9 8.9 48.9

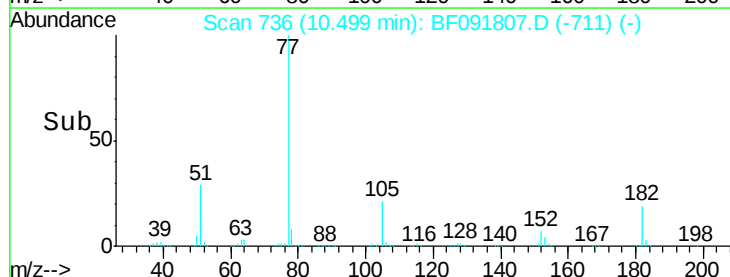
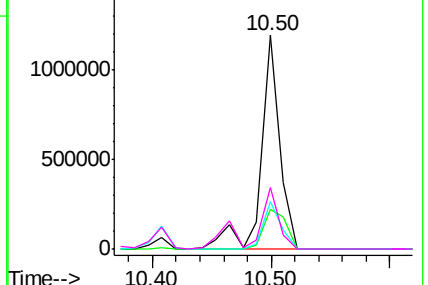


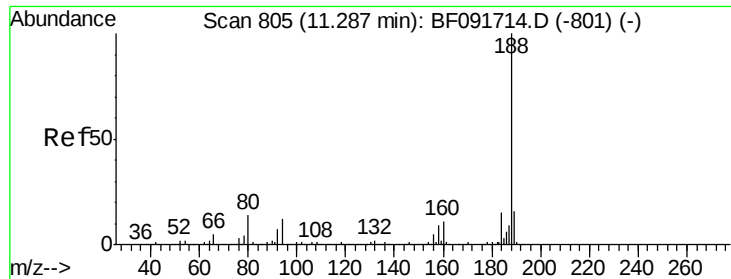
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

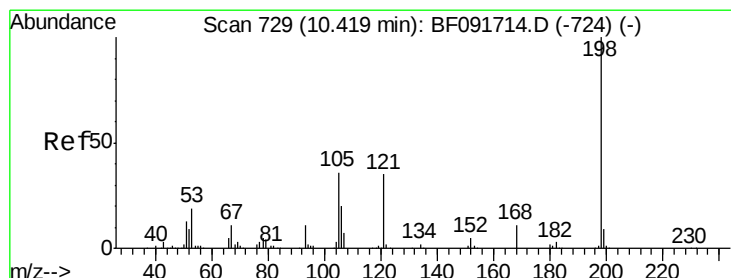
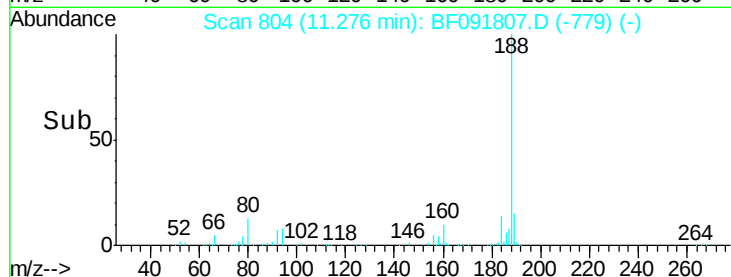
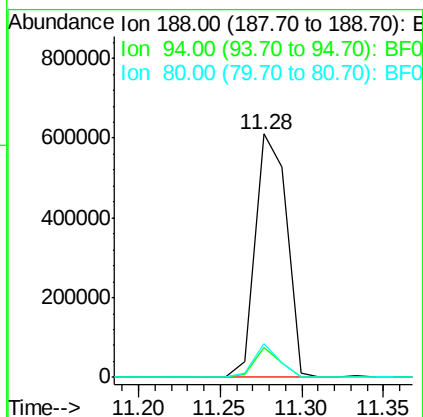
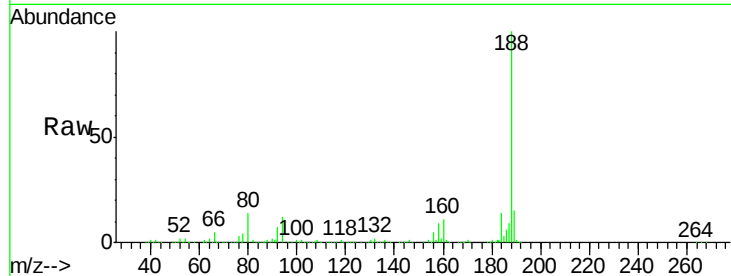




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

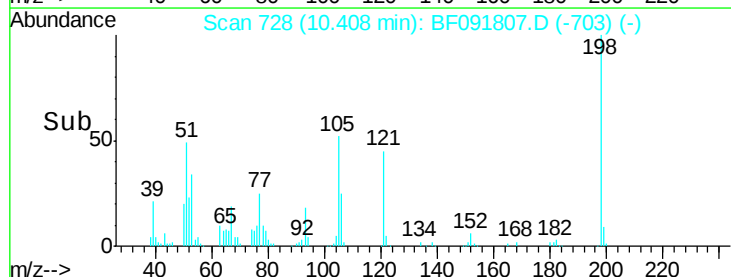
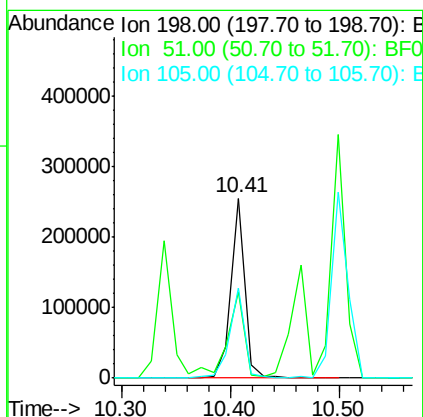
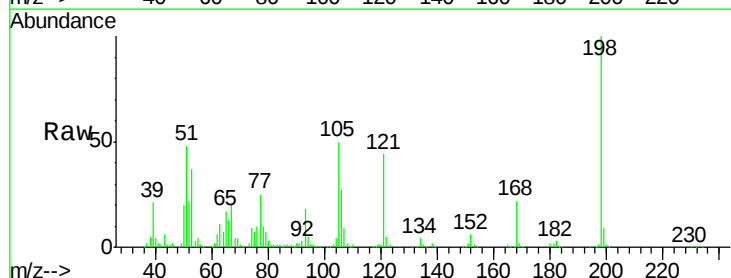
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

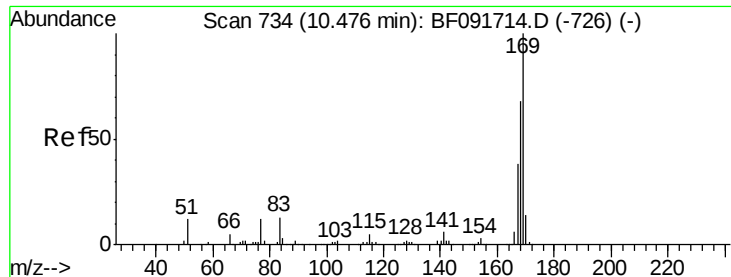
Tgt Ion:188 Resp: 817486
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 13.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.05 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:198 Resp: 226745
Ion Ratio Lower Upper
198 100
51 47.6 6.7 46.7#
105 49.9 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 40.41 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

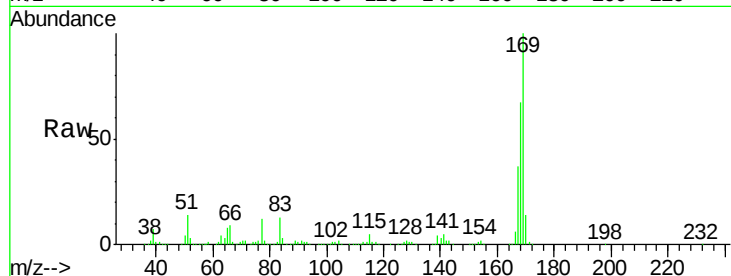
Tgt Ion:169 Resp: 1025878

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

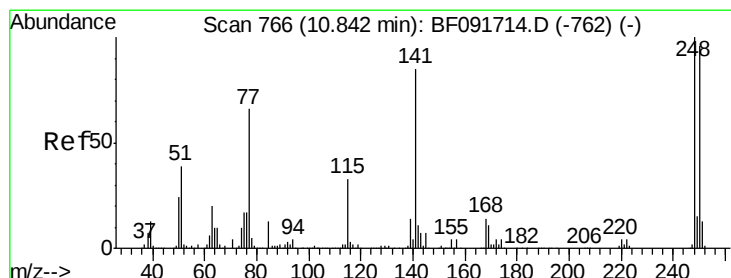
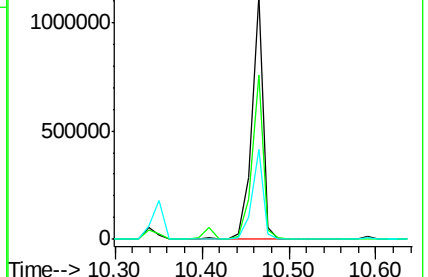
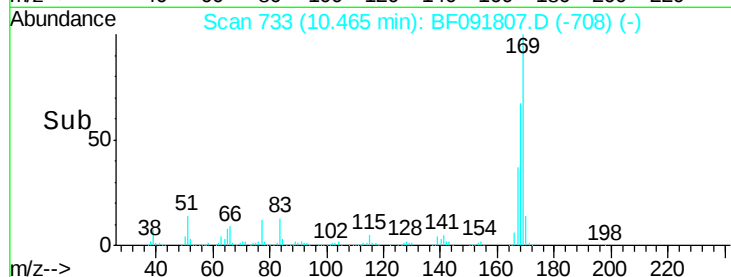
167 37.1 30.2 45.4



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: 38.85 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

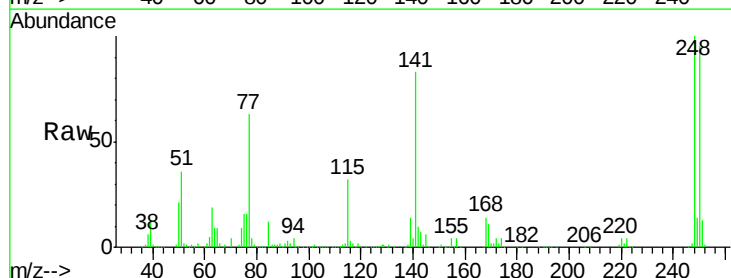
Tgt Ion:248 Resp: 333001

Ion Ratio Lower Upper

248 100

250 94.8 76.9 115.3

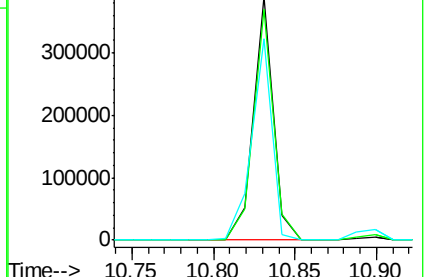
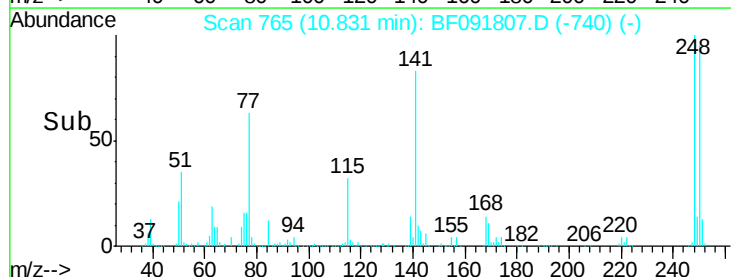
141 82.5 68.2 102.4

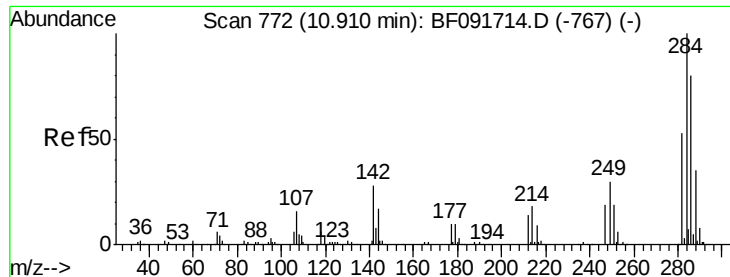


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

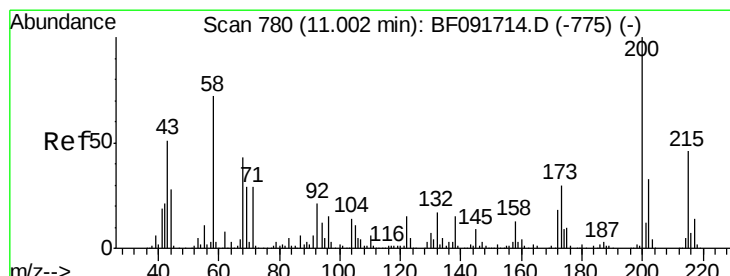
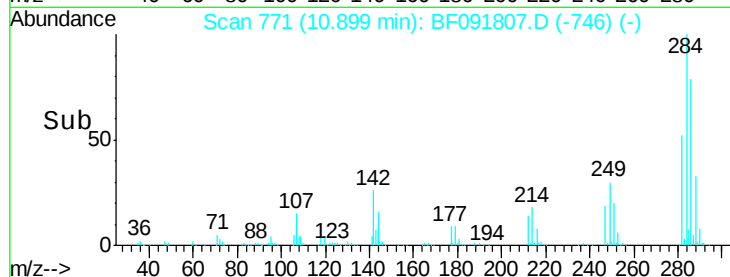
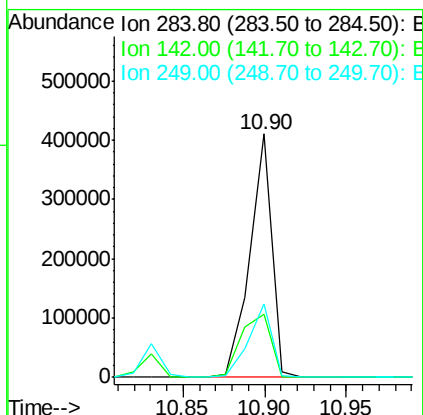
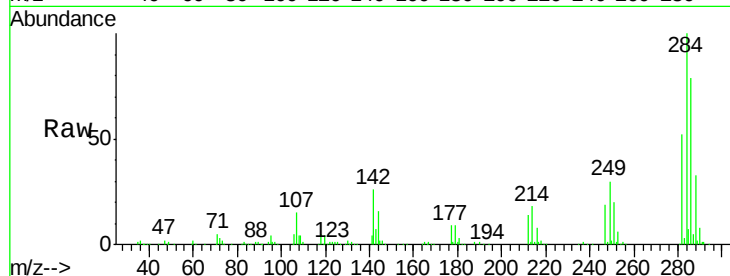




#67
Hexachlorobenzene
Concen: 42.73 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

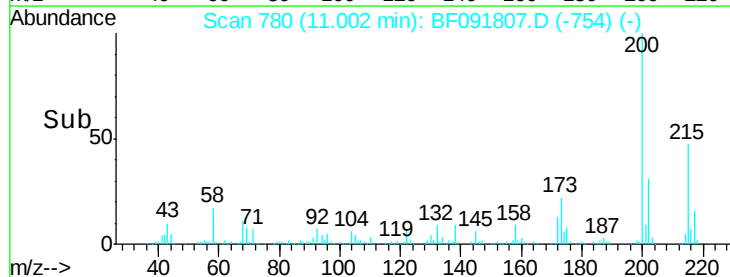
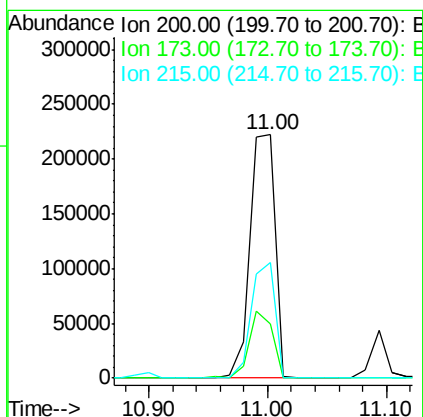
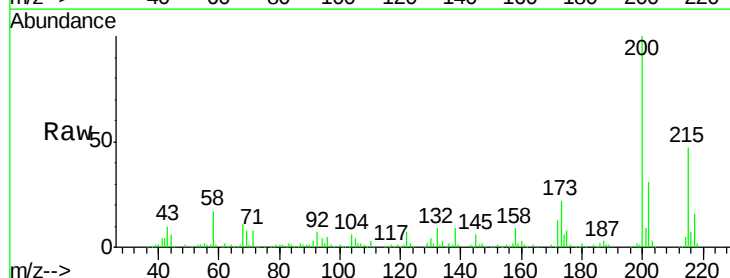
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

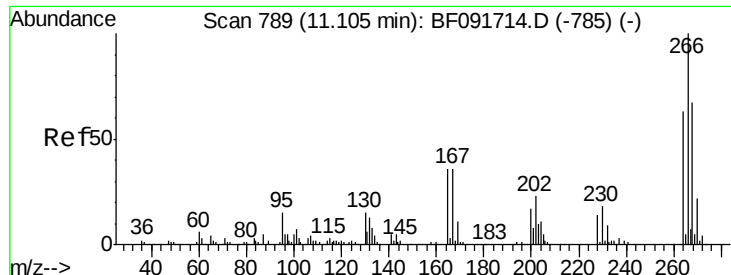
Tgt Ion:284 Resp: 383866
Ion Ratio Lower Upper
284 100
142 26.1 22.6 33.8
249 30.0 25.4 38.0



#68
Atrazine
Concen: 42.91 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:200 Resp: 329195
Ion Ratio Lower Upper
200 100
173 22.2 9.6 49.6
215 47.5 25.7 65.7

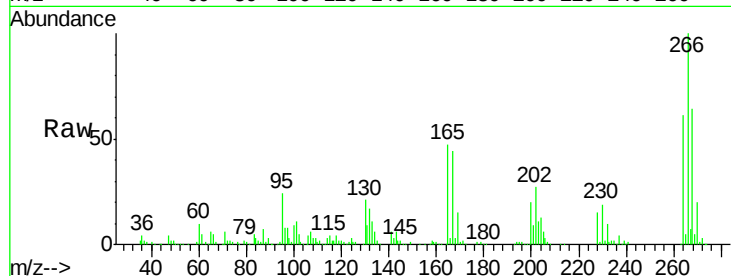




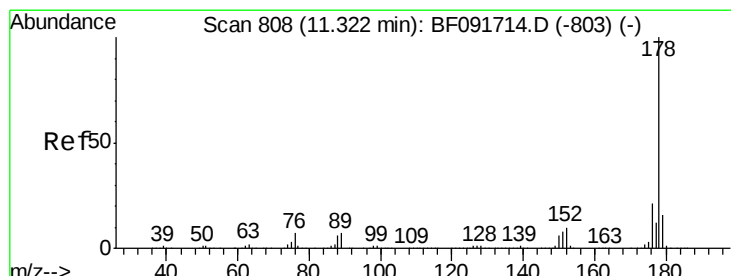
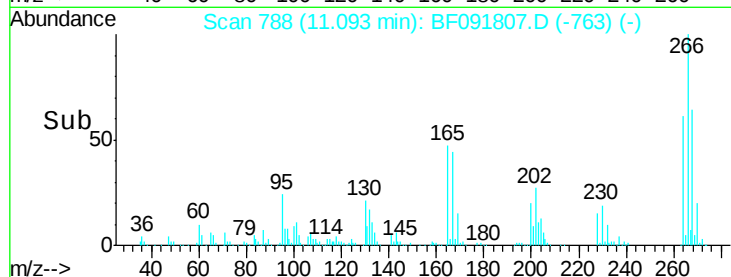
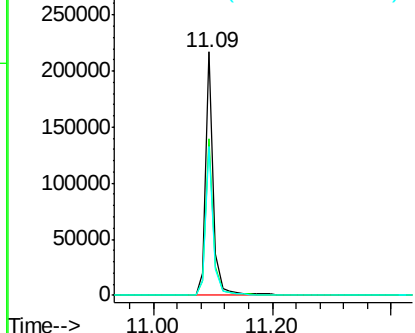
#69
 Pentachlorophenol
 Concen: 42.24 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 204749
 Ion Ratio Lower Upper
 266 100
 268 64.4 53.3 79.9
 264 61.1 50.3 75.5

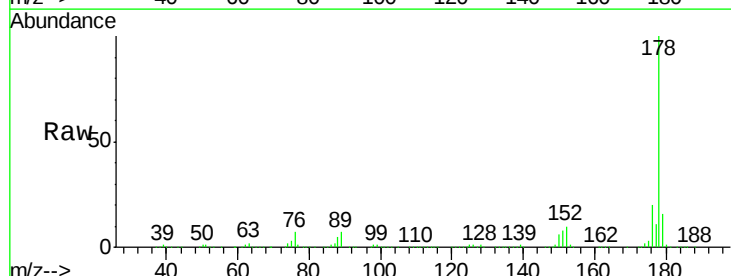


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

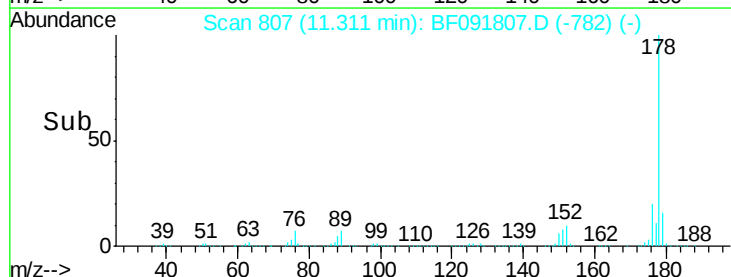
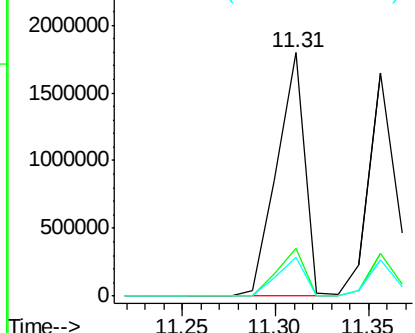


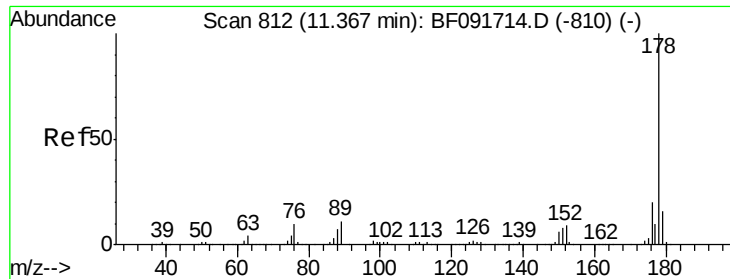
#70
 Phenanthrene
 Concen: 45.62 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion: 178 Resp: 1863267
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.7 12.8 19.2



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

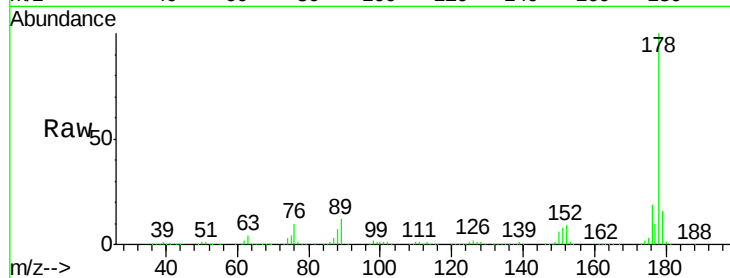




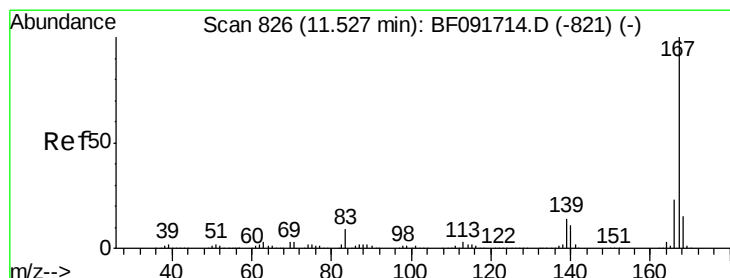
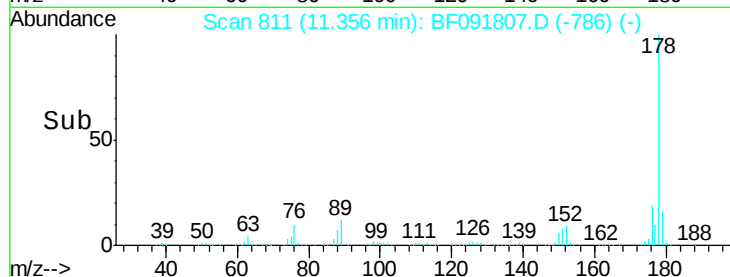
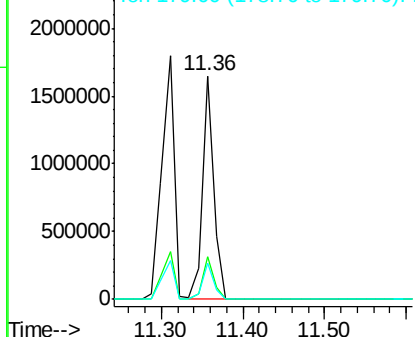
#71
 Anthracene
 Concen: 37.52 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1623346
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.1 13.2 19.8

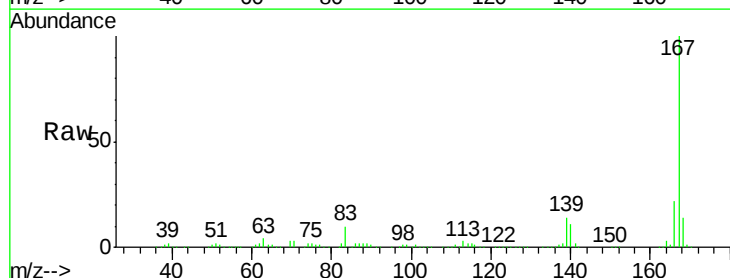


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

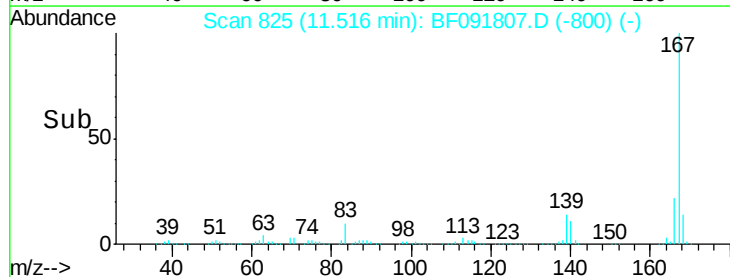
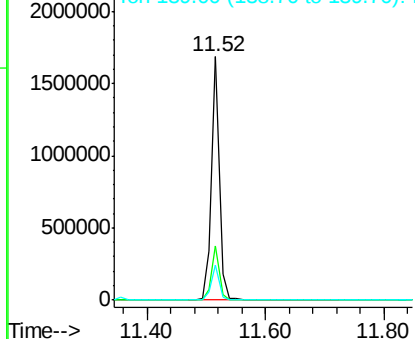


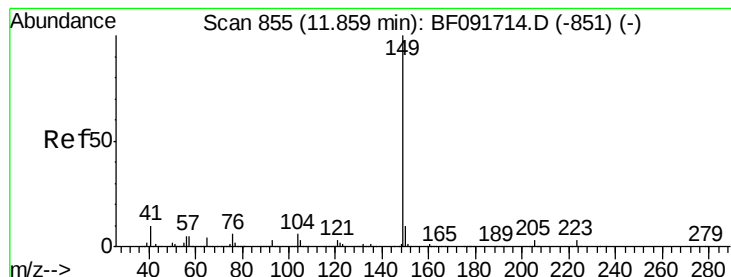
#72
 Carbazole
 Concen: 41.56 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:167 Resp: 1572516
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 14.2 11.4 17.2



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: 37.56 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

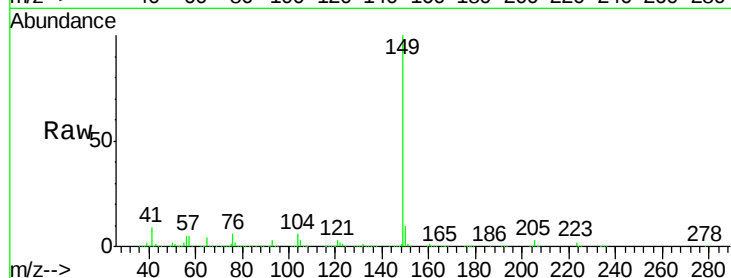
Tgt Ion:149 Resp: 1822067

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

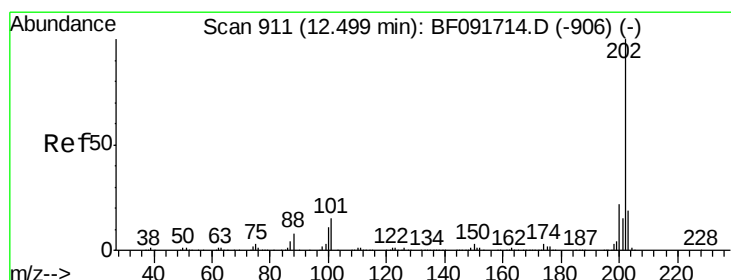
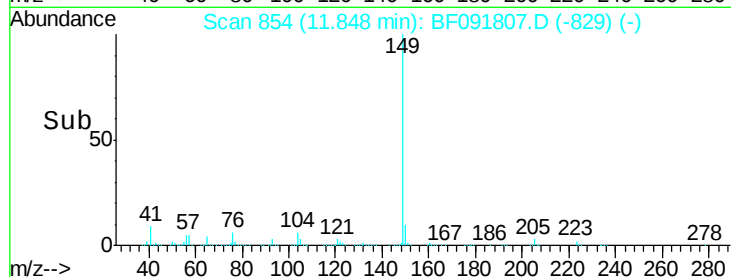
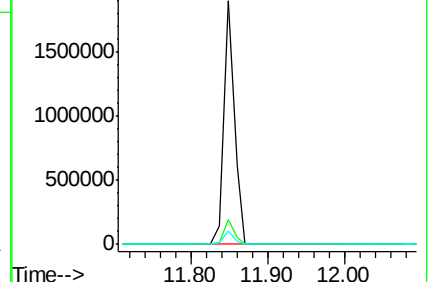
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.58 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

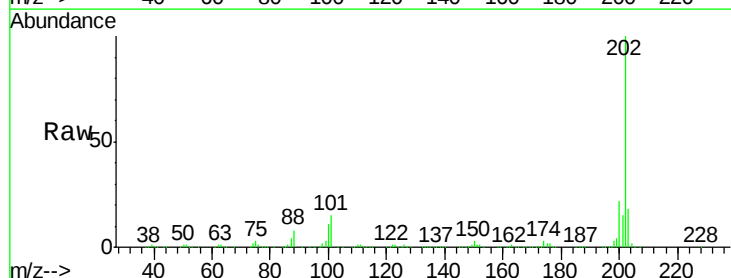
Tgt Ion:202 Resp: 1688436

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

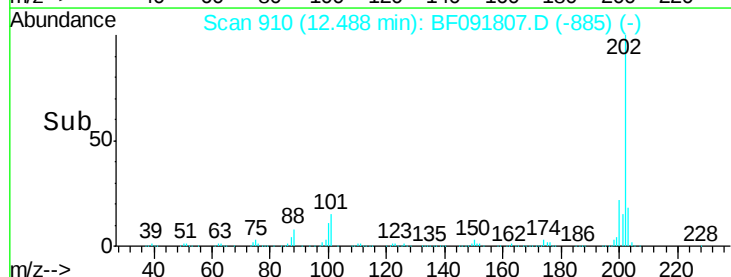
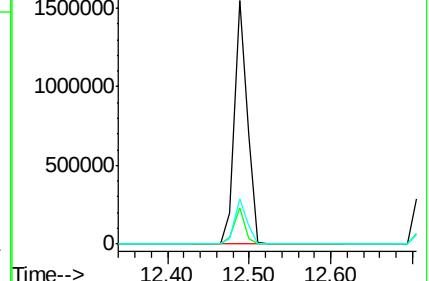
203 18.4 0.0 38.7

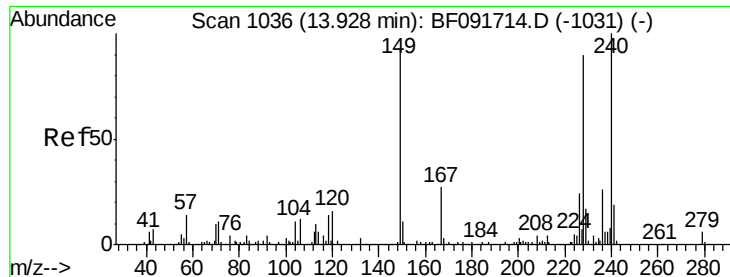


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

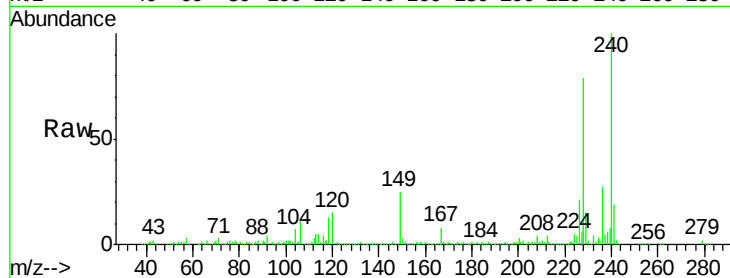
Tgt Ion:240 Resp: 635157

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

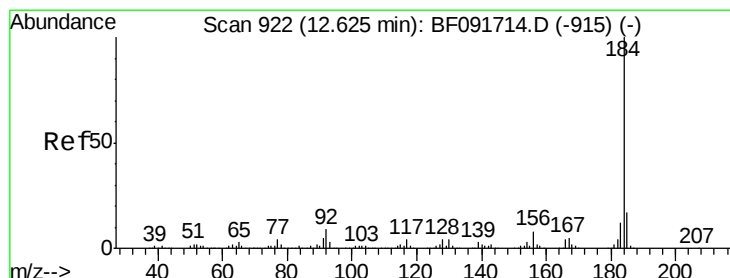
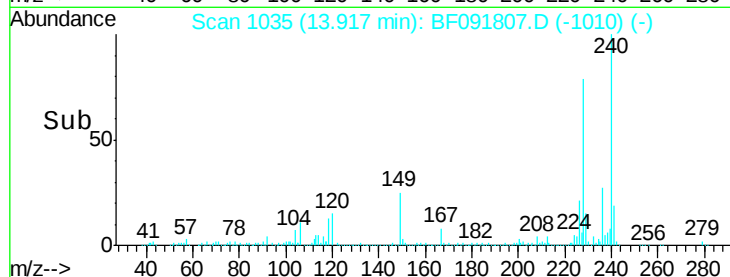
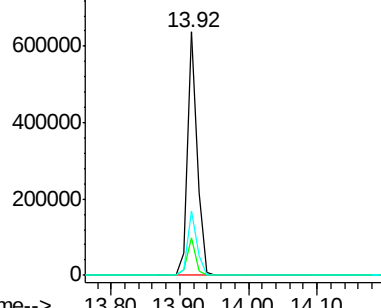
236 26.6 20.9 31.3



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: 42.07 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

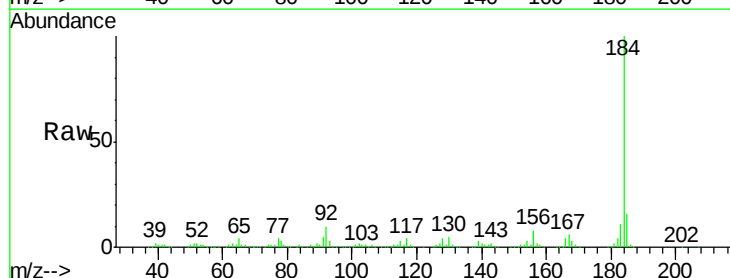
Tgt Ion:184 Resp: 769095

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

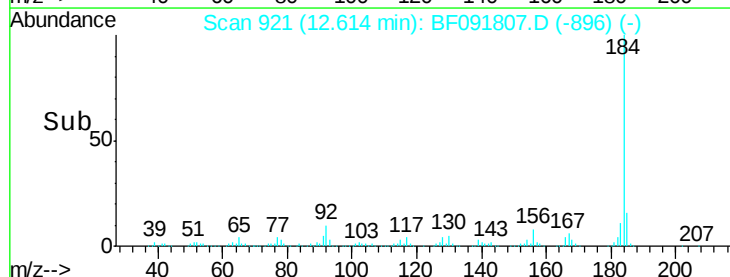
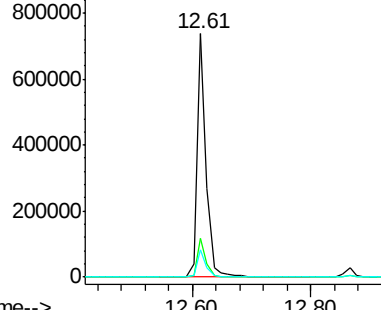
183 11.1 9.2 13.8

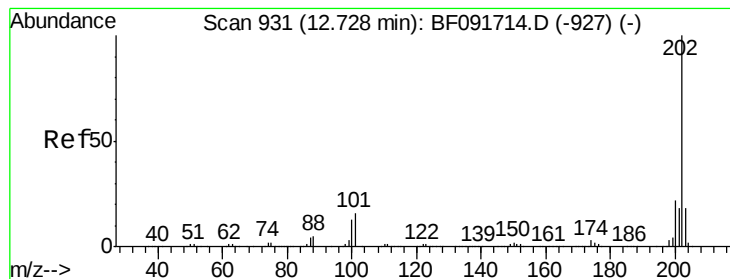


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.09 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

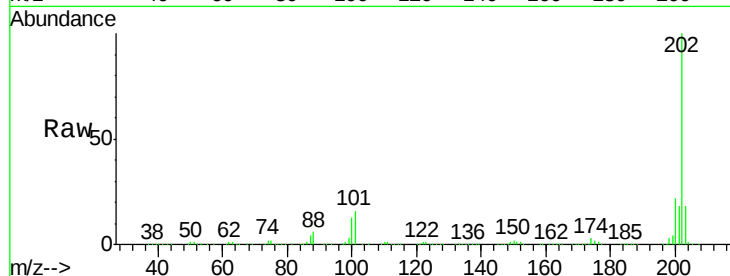
Tgt Ion:202 Resp: 1793222

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

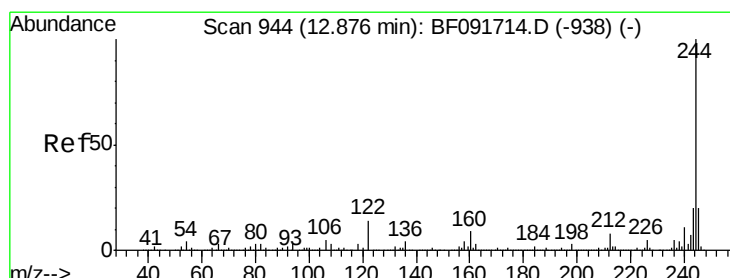
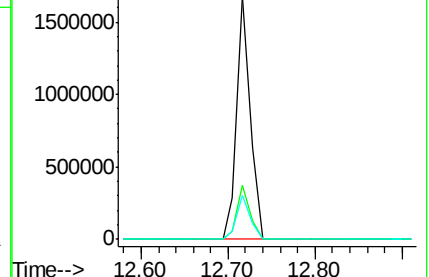
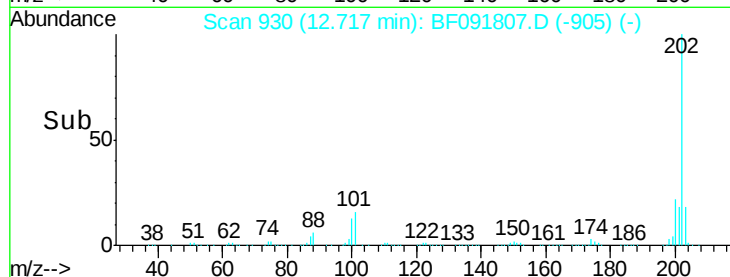
203 18.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.31 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

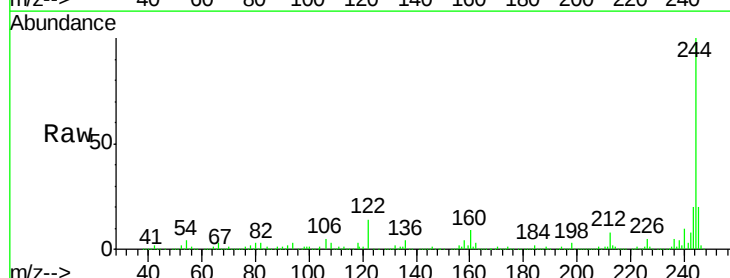
Tgt Ion:244 Resp: 1919521

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

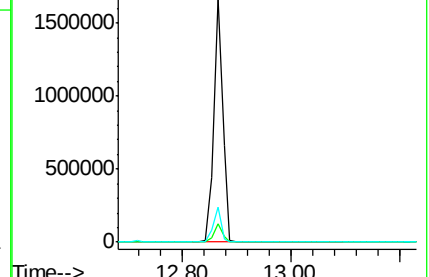
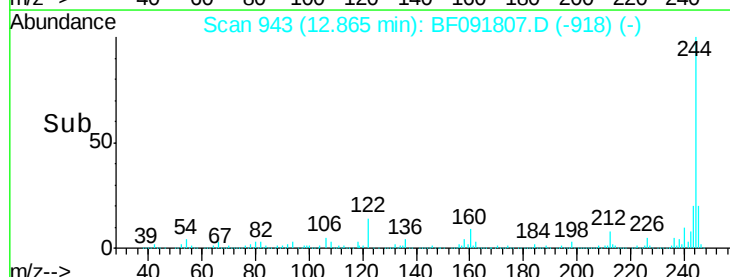
122 14.3 11.4 17.2

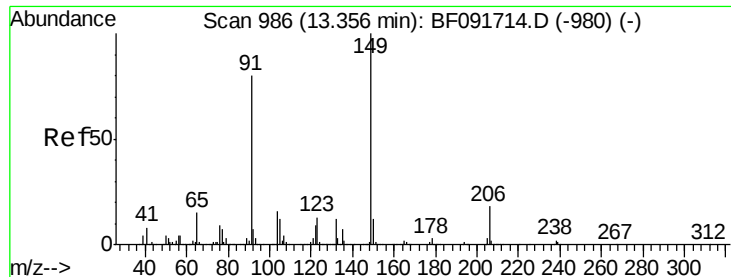


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.21 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

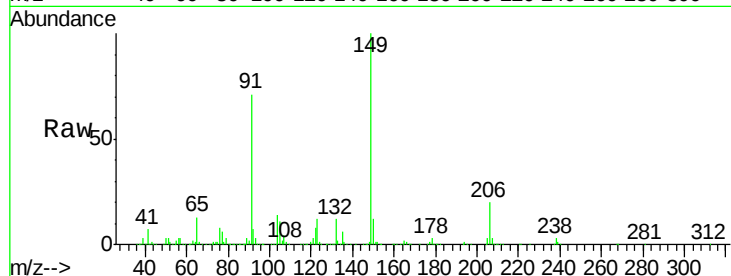
Tgt Ion:149 Resp: 884678

Ion Ratio Lower Upper

149 100

91 70.6 63.9 95.9

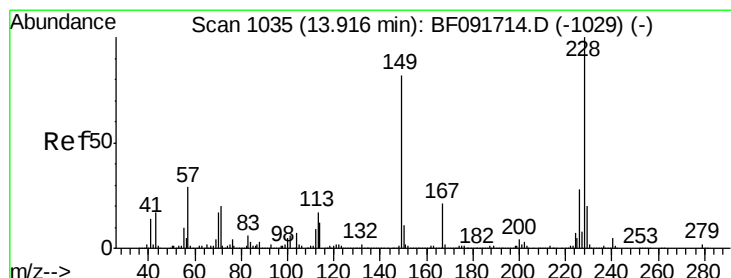
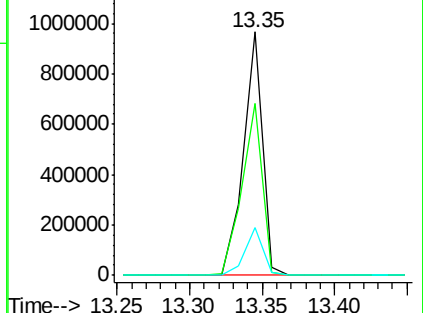
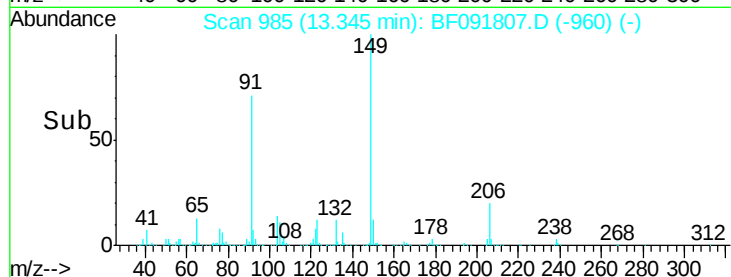
206 19.6 14.6 21.8



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: 41.29 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

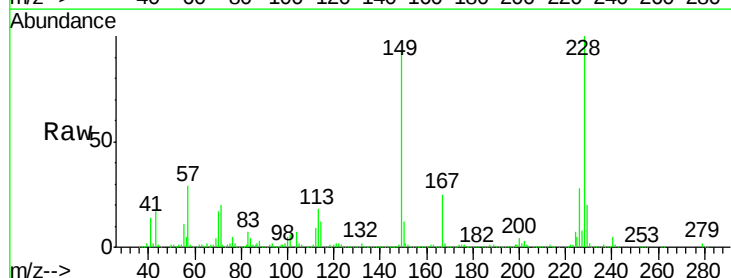
Tgt Ion:228 Resp: 1499974

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

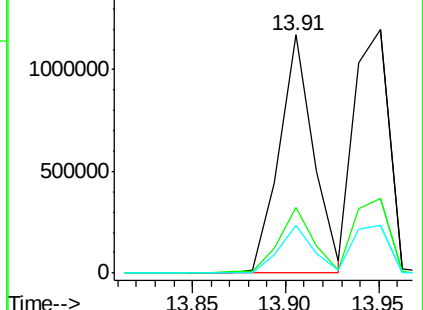
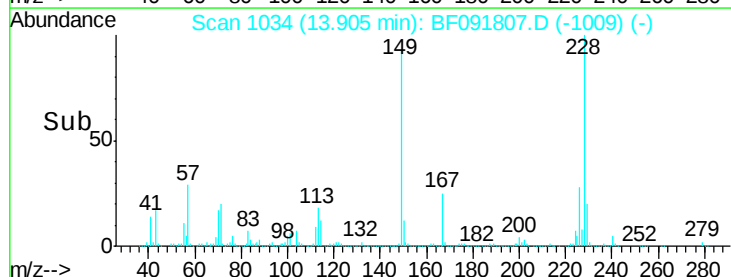
229 20.0 16.2 24.4

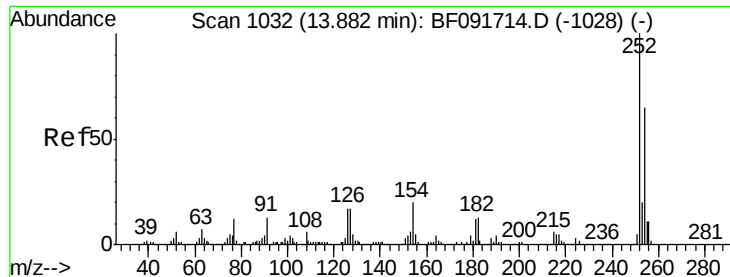


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

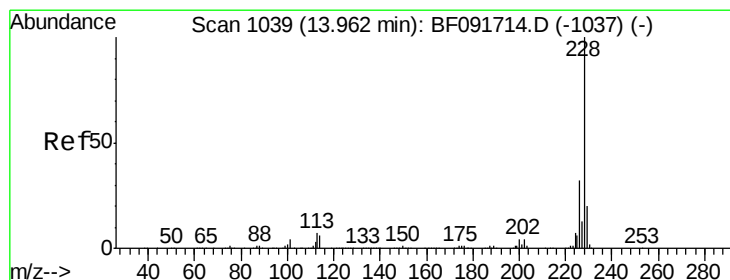
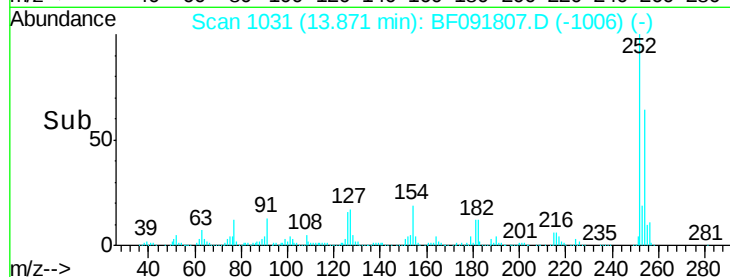
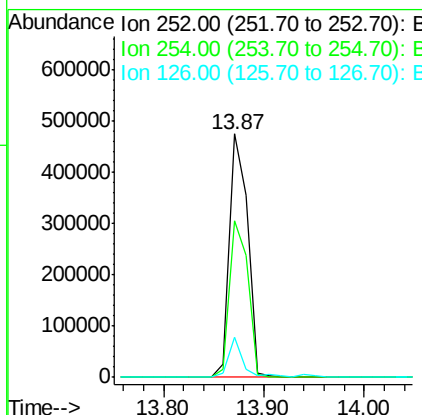
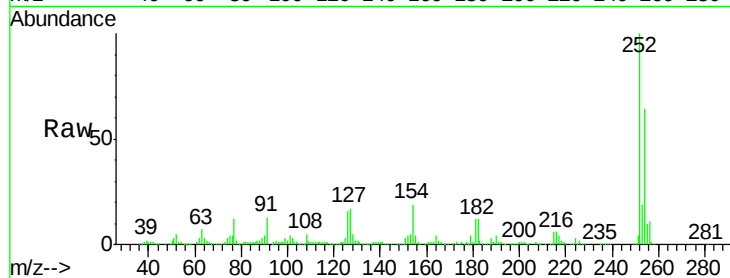




#81
 3,3'-Dichlorobenzidine
 Concen: 41.25 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

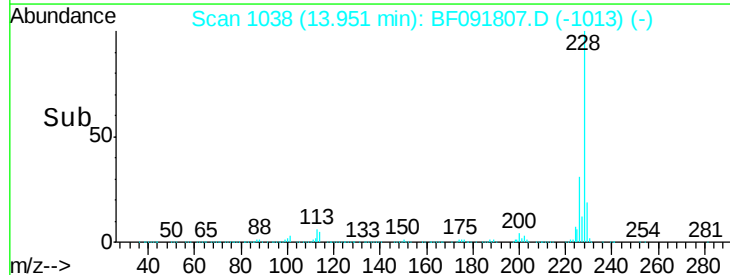
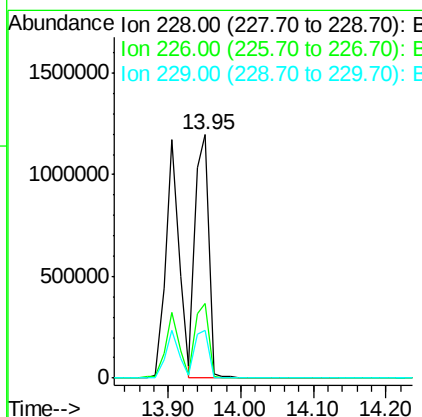
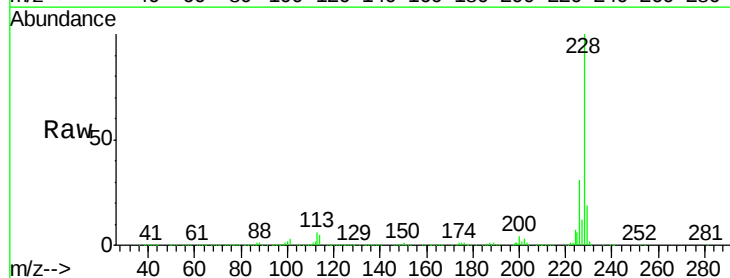
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

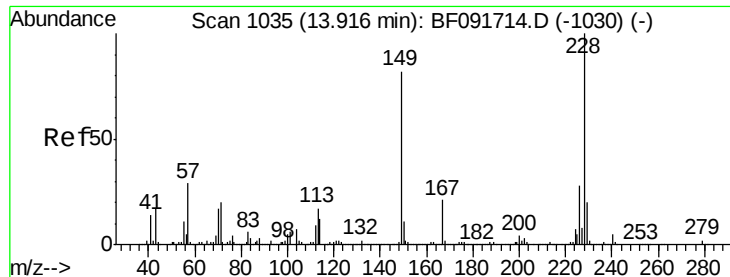
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	16.4	13.6	20.4



#82
 Chrysene
 Concen: 41.56 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.4	16.2	24.2

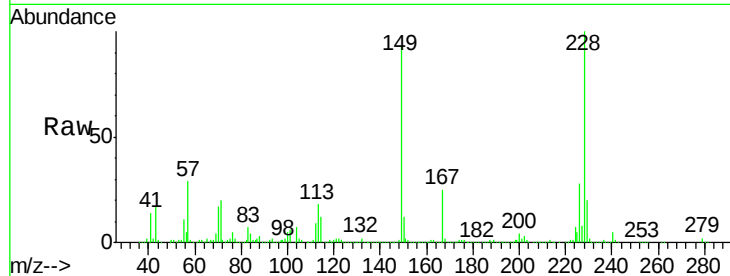




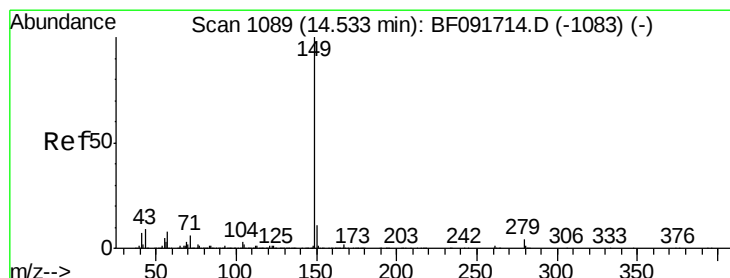
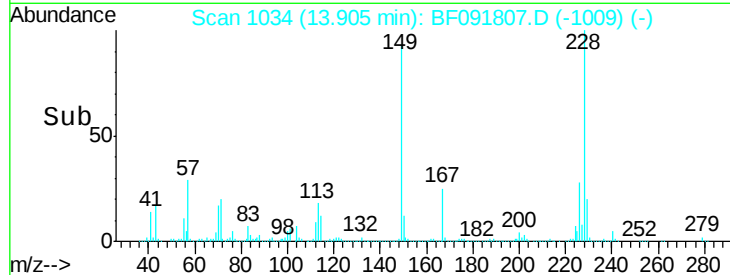
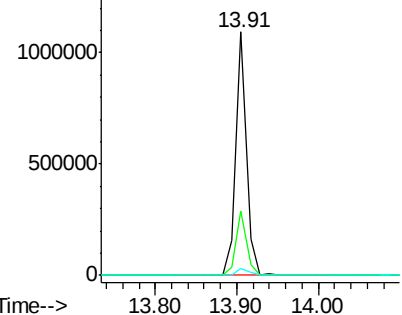
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.02 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	149	Resp:	980860
Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.4
279	2.7	1.8	2.8

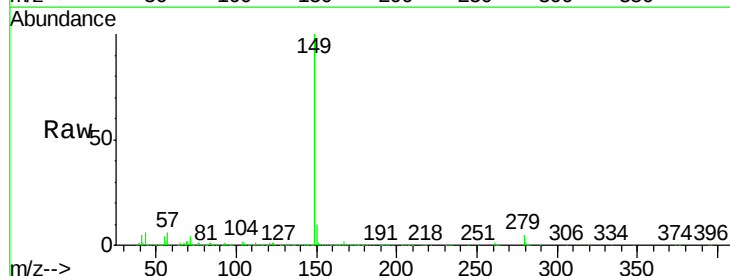


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

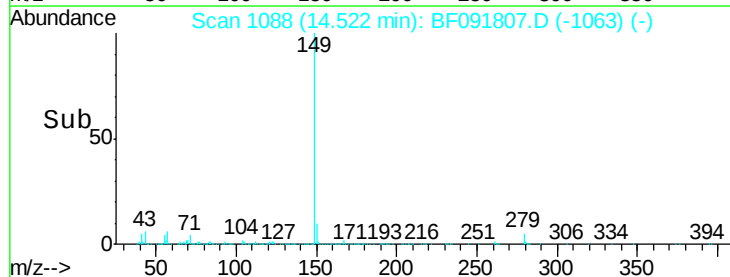
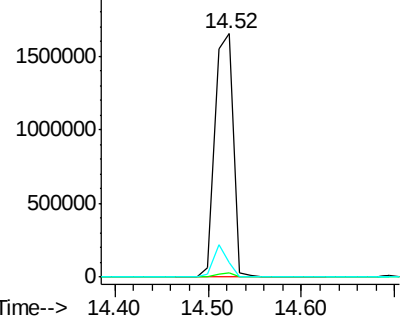


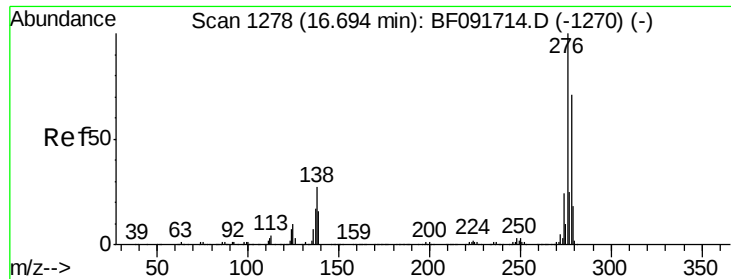
#84
 Di-n-octyl phthalate
 Concen: 45.37 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:	149	Resp:	2276905
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.3	8.9	13.3



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

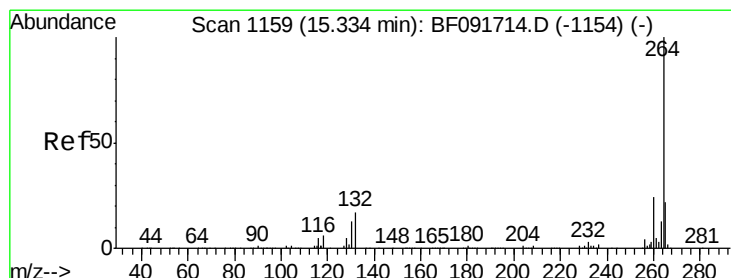
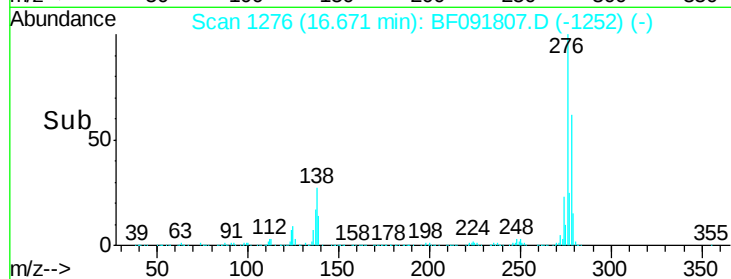
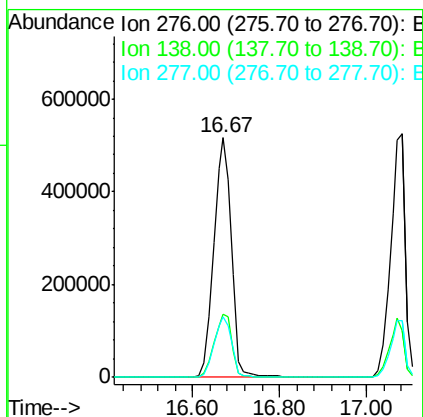
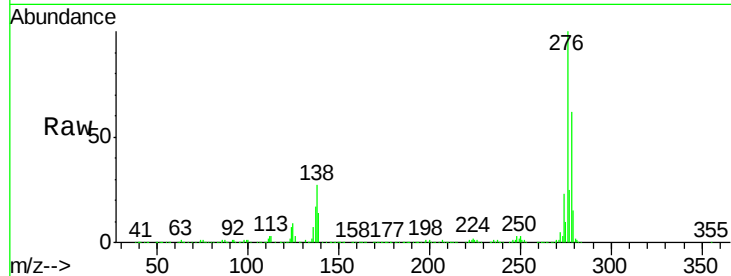




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.11 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

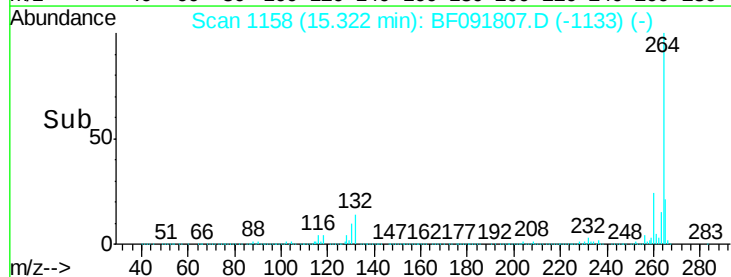
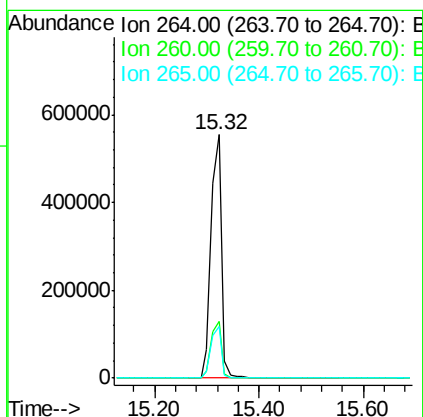
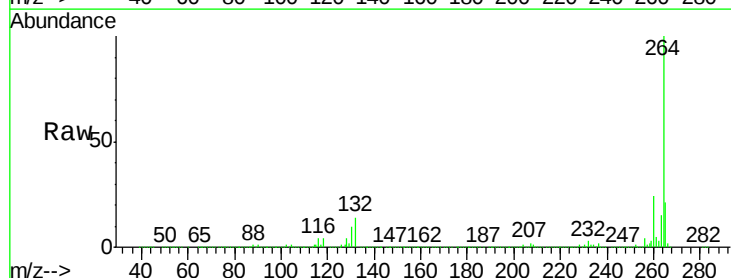
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

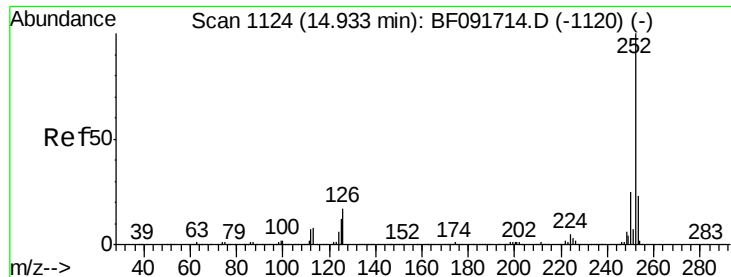
Tgt Ion: 276 Resp: 1485057
Ion Ratio Lower Upper
276 100
138 26.8 21.8 32.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion: 264 Resp: 770076
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 70.84 ng

RT: 14.96 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

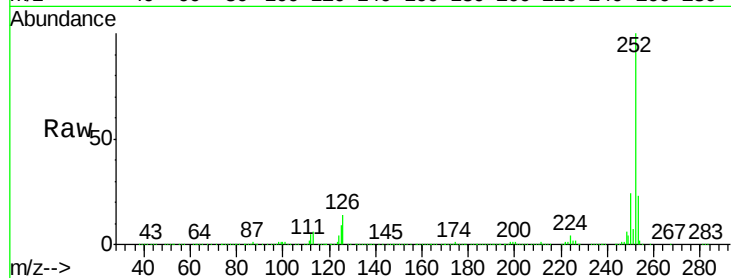
Tgt Ion:252 Resp: 3459298

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

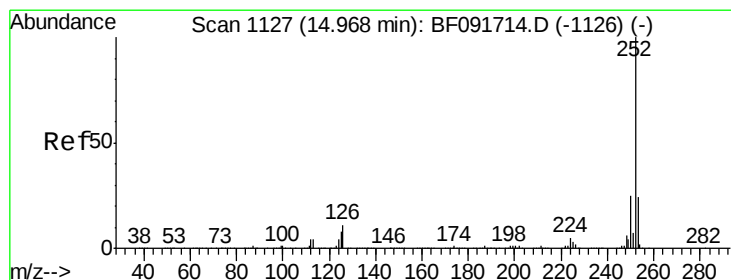
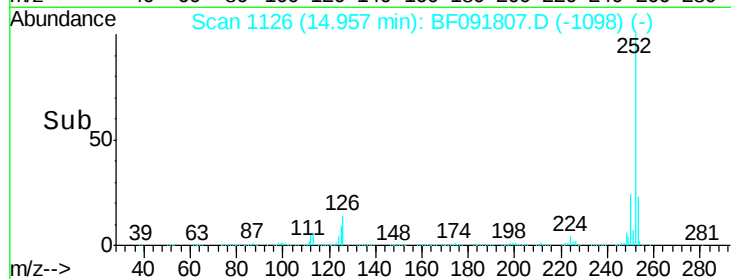
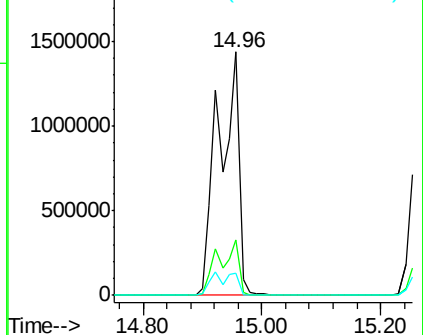
125 9.3 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 100.97 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

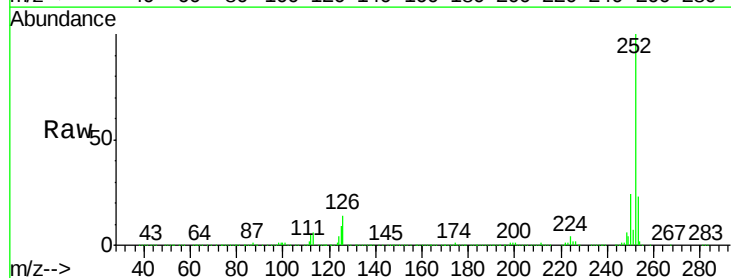
Tgt Ion:252 Resp: 3459298

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

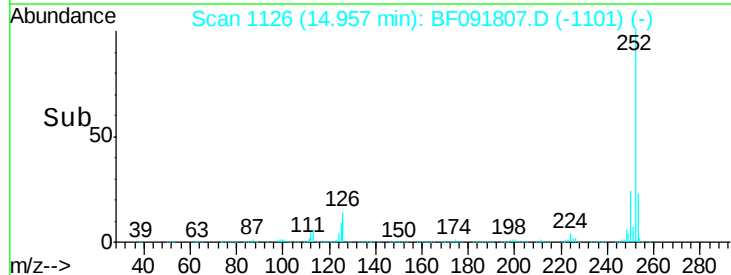
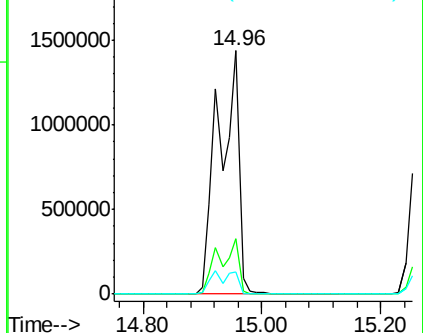
125 9.3 8.9 13.3

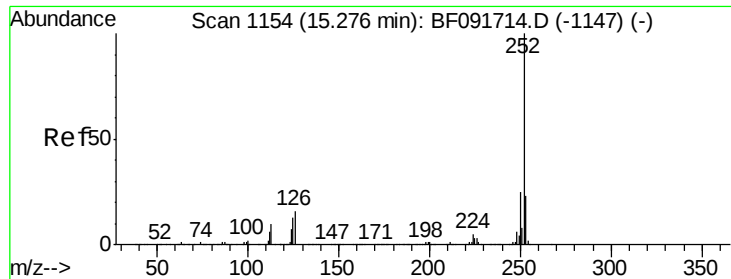


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.36 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

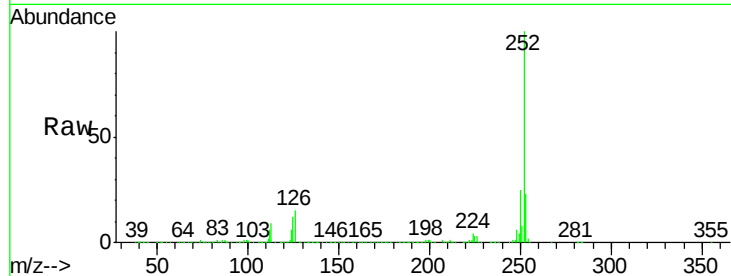
Tgt Ion:252 Resp: 1607705

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

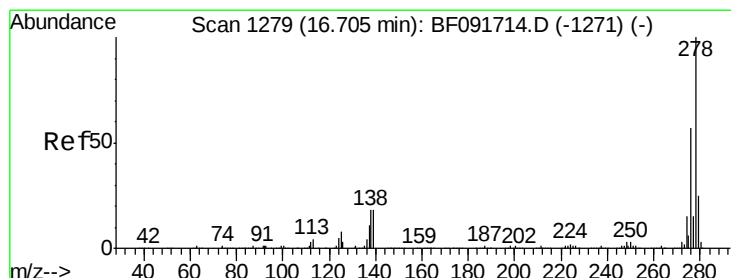
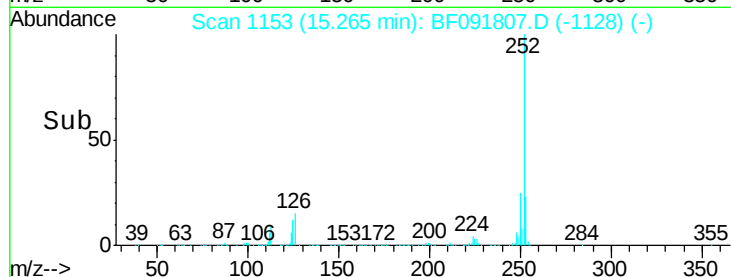
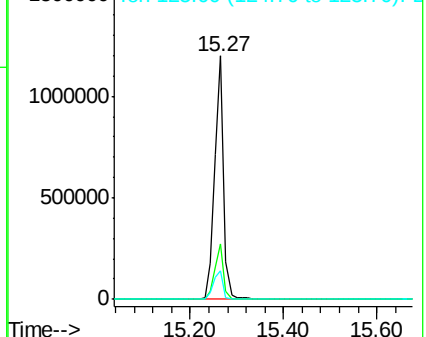
125 11.6 10.0 15.0



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: 34.44 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

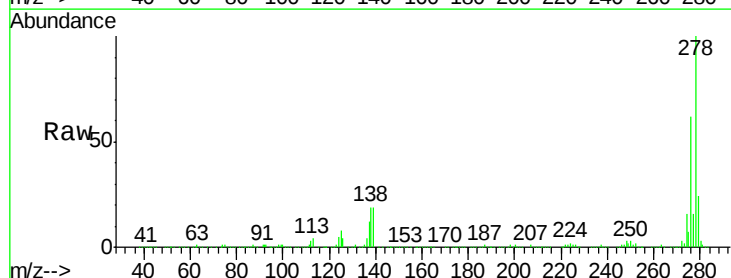
Tgt Ion:278 Resp: 1258262

Ion Ratio Lower Upper

278 100

139 19.2 14.8 22.2

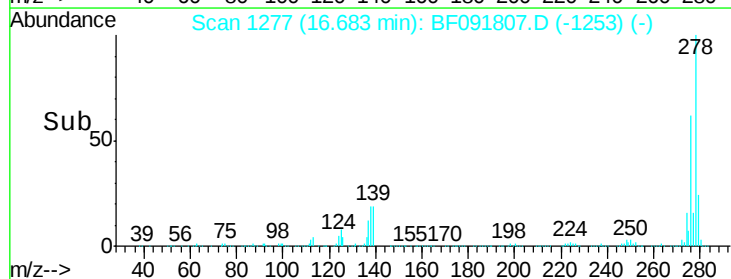
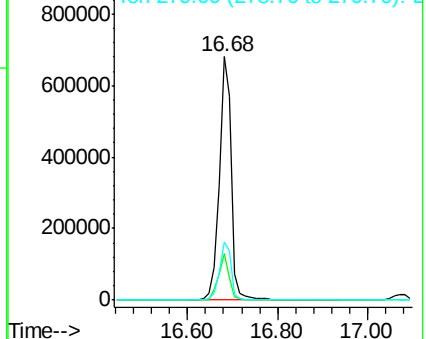
279 24.0 19.8 29.6

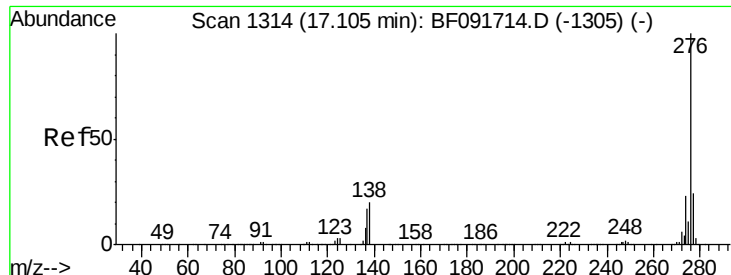


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.25 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

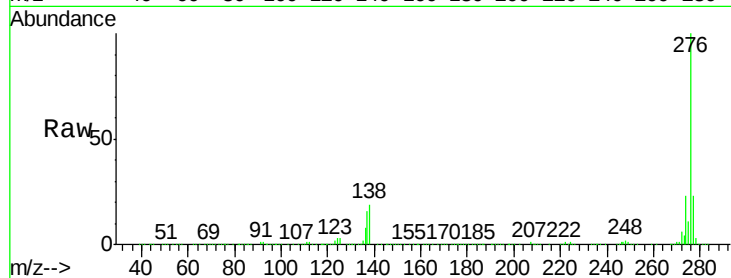
Tgt Ion:276 Resp: 1271658

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

