

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084351.D
 Acq On : 10 Jan 2016 8:47
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 11 03:14:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	437559	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1699774	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	820042	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1558414	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	1216326	20.00	ng	-0.03
86) Perylene-d12	15.45	264	940251	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1989248	73.53	ng	-0.02
7) Phenol-d6	6.52	99	2528282	74.42	ng	-0.01
23) Nitrobenzene-d5	7.44	82	2335139	76.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	613661	74.12	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	3516743	74.67	ng	-0.03
78) Terphenyl-d14	12.98	244	3670031	67.35	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	502656	39.22	ng	# 75
3) Pyridine	3.16	79	1411550	39.51	ng	# 66
4) n-Nitrosodimethylamine	3.14	42	759193	41.40	ng	# 78
6) Aniline	6.53	93	1686156	33.93	ng	# 42
8) 2-Chlorophenol	6.65	128	1146867	37.37	ng	83
9) Benzaldehyde	6.41	77	799095	36.12	ng	98
10) Phenol	6.53	94	1523955	39.45	ng	78
11) bis(2-Chloroethyl)ether	6.60	93	1102325	36.84	ng	# 82
12) 1,3-Dichlorobenzene	6.80	146	1173138	37.05	ng	# 90
13) 1,4-Dichlorobenzene	6.88	146	1122785	35.36	ng	99
14) 1,2-Dichlorobenzene	7.04	146	1178872	38.77	ng	99
15) Benzyl Alcohol	7.01	79	952751	33.34	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1857391	34.09	ng	92
17) 2-Methylphenol	7.14	107	998761	38.83	ng	# 88
18) Hexachloroethane	7.37	117	486890	38.35	ng	# 88
19) n-Nitroso-di-n-propylamine	7.30	70	878232	38.19	ng	# 82
20) 3+4-Methylphenols	7.29	107	986044	32.61	ng	# 65
22) Acetophenone	7.28	105	1684364	41.21	ng	# 95
24) Nitrobenzene	7.46	77	1393907	45.00	ng	91
25) Isophorone	7.70	82	2460939	42.13	ng	98
26) 2-Nitrophenol	7.77	139	688178	48.81	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	1012628	35.49	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	1378876	38.65	ng	97
29) 2,4-Dichlorophenol	8.02	162	1023266	43.05	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	965928	39.36	ng	98
31) Naphthalene	8.17	128	2945030	38.19	ng	97
32) Benzoic acid	7.96	122	488767	29.41	ng	90
33) 4-Chloroaniline	8.22	127	1389531	39.30	ng	98
34) Hexachlorobutadiene	8.29	225	606067	42.96	ng	99
35) Caprolactam	8.62	113	354289	44.21	ng	# 48
36) 4-Chloro-3-methylphenol	8.72	107	1022688	38.41	ng	92
37) 2-Methylnaphthalene	8.86	142	2273440	41.07	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	835310	35.43	ng	98
40) Hexachlorocyclopentadiene	9.01	237	455932	32.04	ng	98

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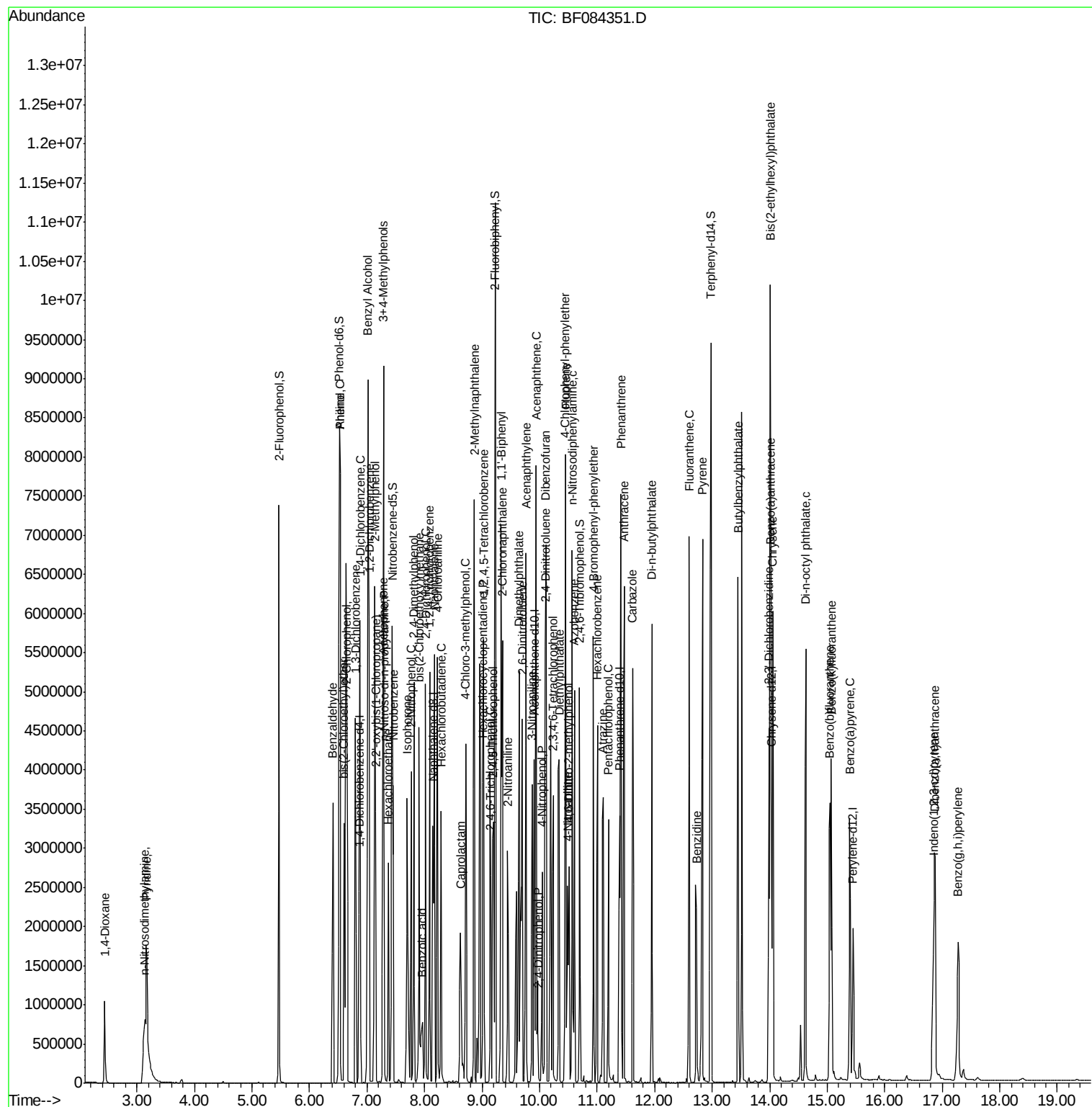
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	674077	38.22	nq	92
43) 2,4,5-Trichlorophenol	9.20	196	709923	41.99	nq	96
45) 1,1'-Biphenyl	9.33	154	2733861	41.95	nq	96
46) 2-Chloronaphthalene	9.36	162	2060216	40.24	nq	91
47) 2-Nitroaniline	9.45	65	692600	40.99	nq	98
48) Acenaphthylene	9.77	152	2716586	35.92	nq	# 94
49) Dimethylphthalate	9.64	163	2401704	40.97	nq	# 90
50) 2,6-Dinitrotoluene	9.70	165	561736	43.69	nq	# 61
51) Acenaphthene	9.94	154	1807324	35.62	nq	98
52) 3-Nitroaniline	9.87	138	609848	38.28	nq	94
53) 2,4-Dinitrophenol	9.97	184	192185	37.08	nq	# 75
54) Dibenzofuran	10.11	168	2382664	35.64	nq	# 86
55) 4-Nitrophenol	10.04	139	378378	32.72	nq	# 75
56) 2,4-Dinitrotoluene	10.10	165	626271	38.48	nq	# 79
57) Fluorene	10.45	166	1947000	37.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	596051	41.29	nq	91
59) Diethylphthalate	10.34	149	2372098	41.04	nq	94
60) 4-Chlorophenyl-phenylether	10.44	204	834738	37.64	nq	88
61) 4-Nitroaniline	10.49	138	575003	40.49	nq	96
62) Azobenzene	10.60	77	2237665	35.30	nq	86
64) 4,6-Dinitro-2-methylphenol	10.51	198	359653	37.79	nq	92
65) n-Nitrosodiphenylamine	10.57	169	1662797	33.37	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	587542	35.03	nq	# 78
67) Hexachlorobenzene	11.00	284	758695	40.19	nq	99
68) Atrazine	11.10	200	696660	42.73	nq	96
69) Pentachlorophenol	11.20	266	361473	36.93	nq	97
70) Phenanthrene	11.41	178	2763887	33.91	nq	93
71) Anthracene	11.47	178	3325376	41.61	nq	96
72) Carbazole	11.62	167	2732780	34.98	nq	97
73) Di-n-butylphthalate	11.95	149	3065824	34.70	nq	# 94
74) Fluoranthene	12.60	202	3301407	38.77	nq	96
76) Benzidine	12.73	184	1433438	32.87	nq	99
77) Pyrene	12.83	202	3327216	34.86	nq	95
79) Butylbenzylphthalate	13.45	149	1373085	33.24	nq	88
80) Benzo(a)anthracene	14.02	228	2433365	34.07	nq	97
81) 3,3'-Dichlorobenzidine	13.99	252	920343	36.92	nq	# 97
82) Chrysene	14.05	228	2161826	31.50	nq	96
83) Bis(2-ethylhexyl)phthalate	14.01	149	1730341	33.16	nq	97
84) Di-n-octyl phthalate	14.63	149	3280234	37.23	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.85	276	2069830	38.05	nq	99
87) Benzo(b)fluoranthene	15.05	252	2526350m	41.07	nq	
88) Benzo(k)fluoranthene	15.07	252	1822373m	36.23	nq	
89) Benzo(a)pyrene	15.39	252	2077924	39.83	nq	# 95
90) Dibenzo(a,h)anthracene	16.88	278	1659695	36.97	nq	95
91) Benzo(g,h,i)perylene	17.28	276	1757527	37.81	nq	99

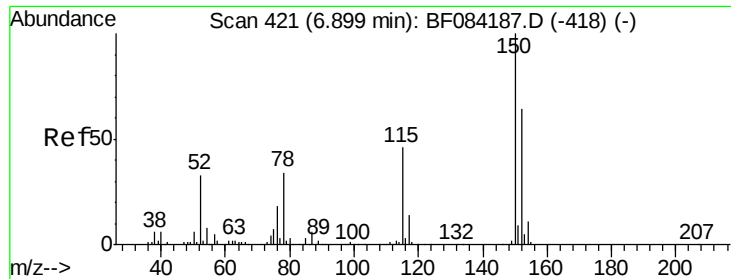
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

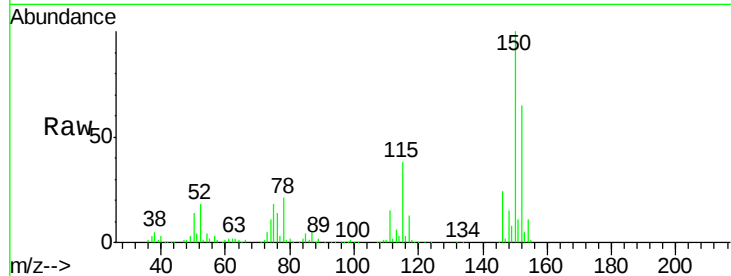
Tot Ion:152 Resp: 437559

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

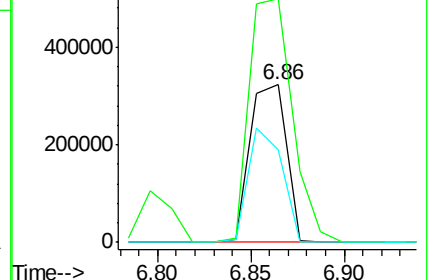
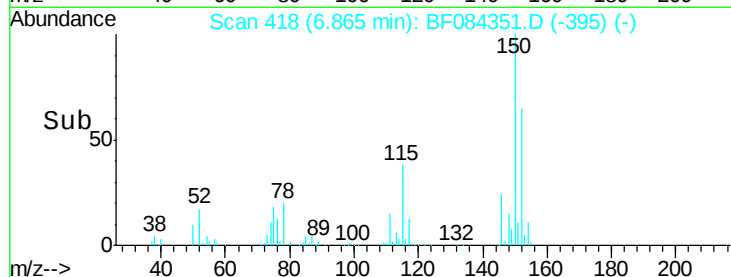
115 58.4 51.4 77.2



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: 39.22 ng

RT: 2.44 min Scan# 31

Delta R.T. -0.09 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

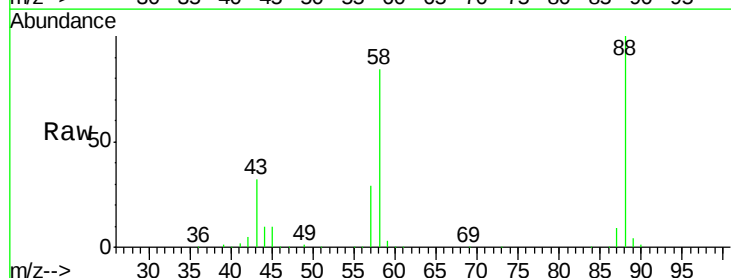
Tgt Ion: 88 Resp: 502656

Ion Ratio Lower Upper

88 100

58 85.9 51.2 76.8#

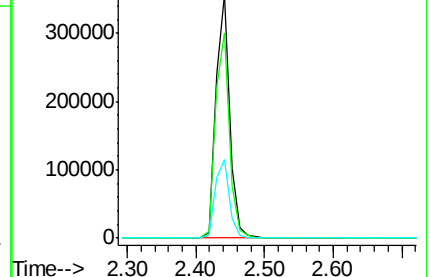
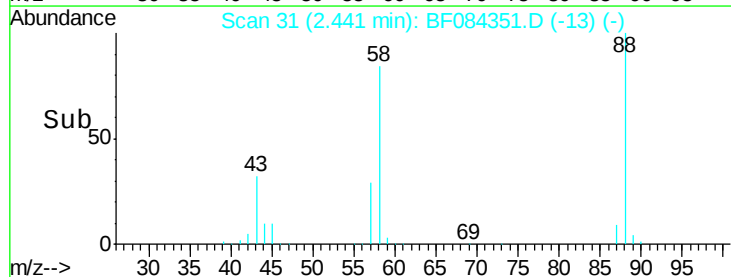
43 33.5 19.5 29.3#

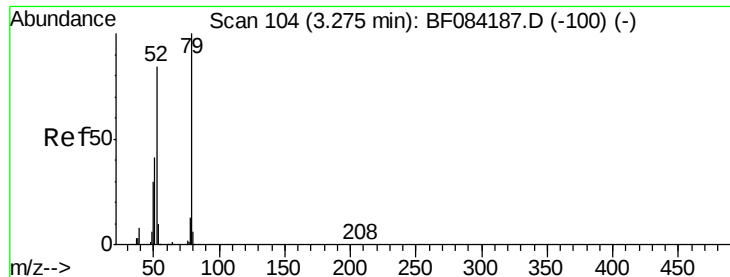


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.51 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.11 min

Lab File: BF084351.D

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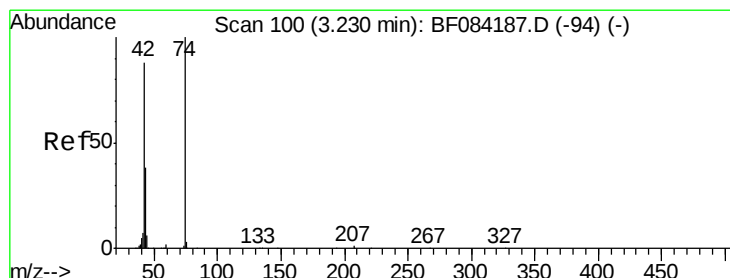
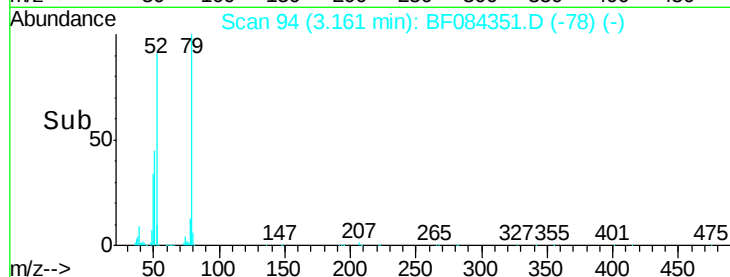
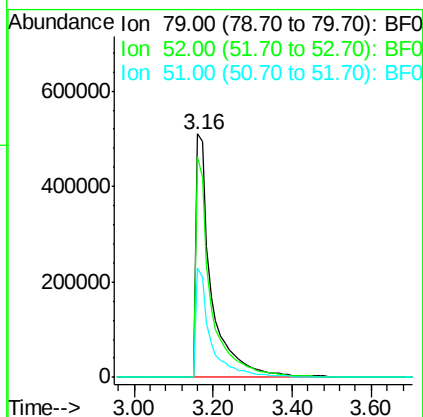
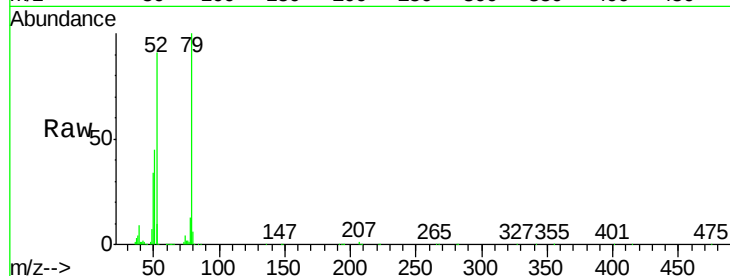
Tot Ion: 79 Resp: 1411550

Ion Ratio Lower Upper

79 100

52 90.5 49.0 73.4#

51 45.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 41.40 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.09 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

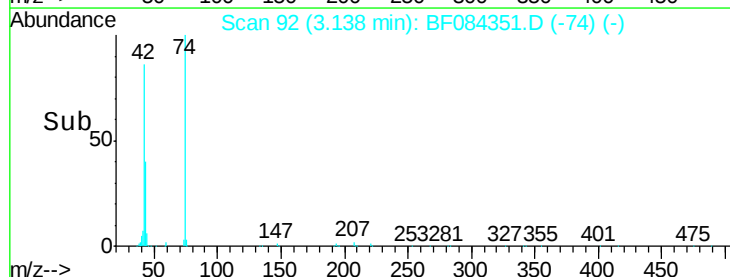
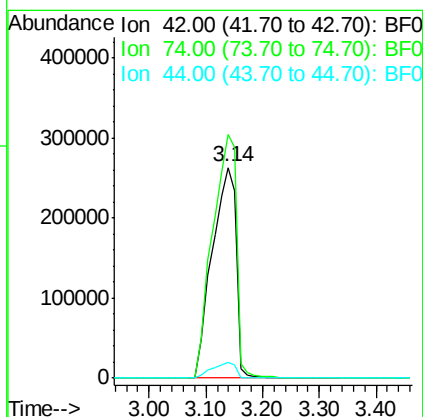
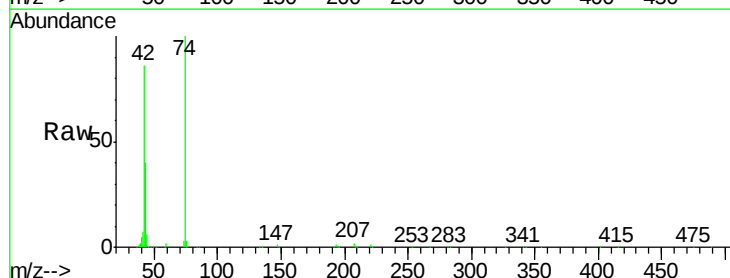
Tgt Ion: 42 Resp: 759193

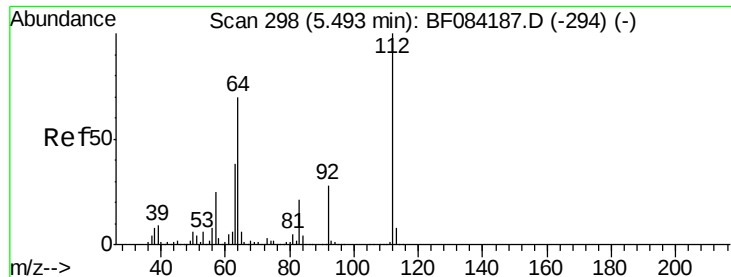
Ion Ratio Lower Upper

42 100

74 115.6 115.7 173.5#

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 73.53 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

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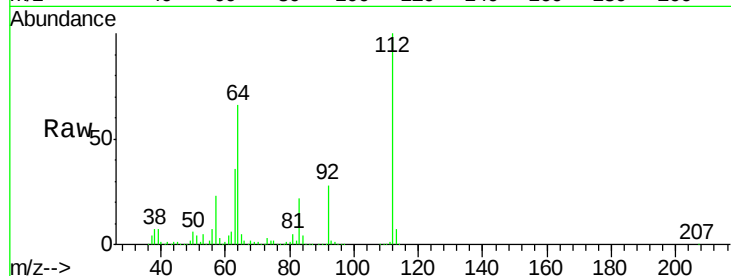
Tot Ion:112 Resp: 1989248

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

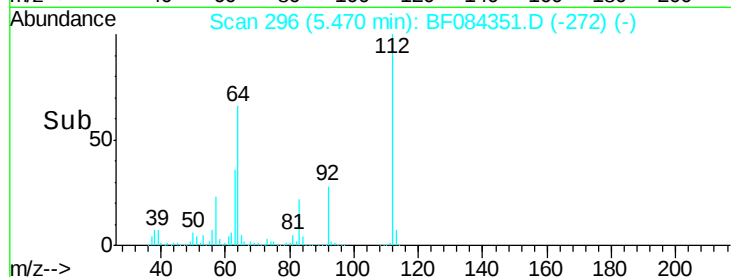
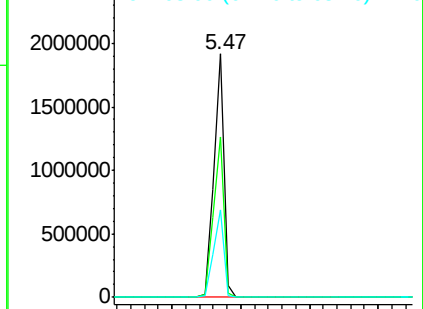
63 36.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.93 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

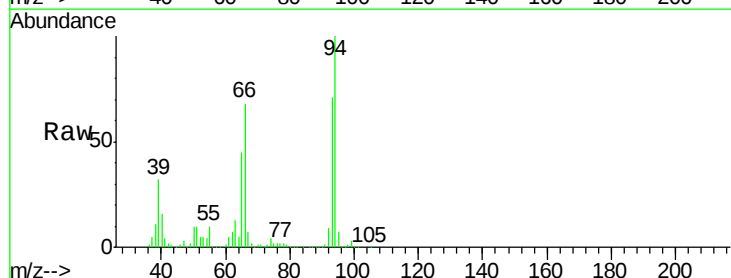
Tgt Ion: 93 Resp: 1686156

Ion Ratio Lower Upper

93 100

66 96.3 44.9 67.3#

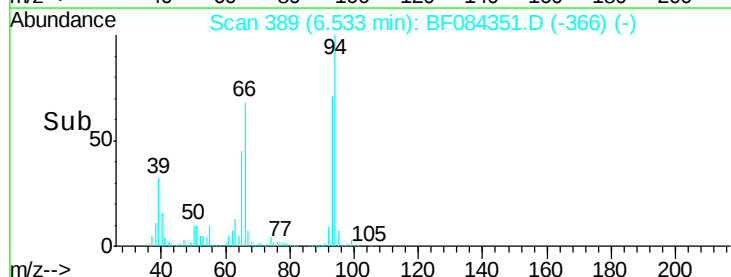
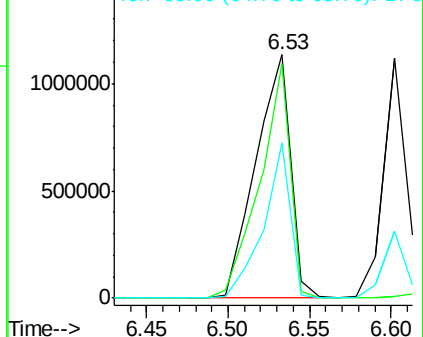
65 63.7 23.7 35.5#



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: 74.42 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

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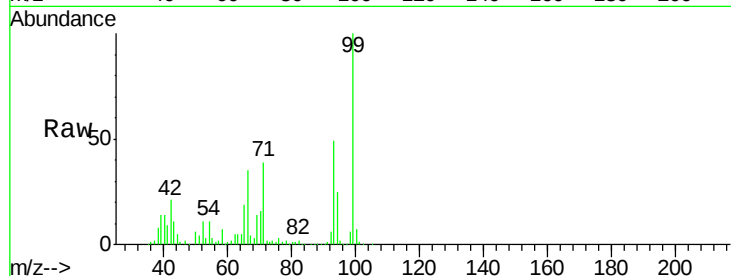
Tot Ion: 99 Resp: 2528282

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

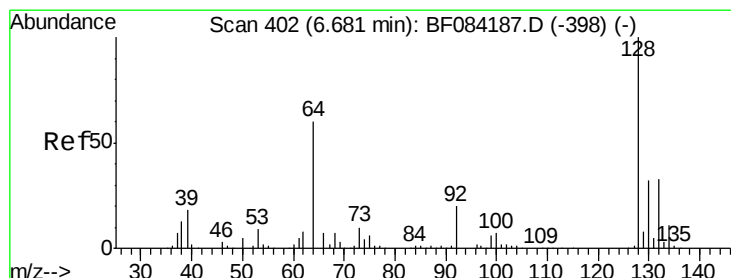
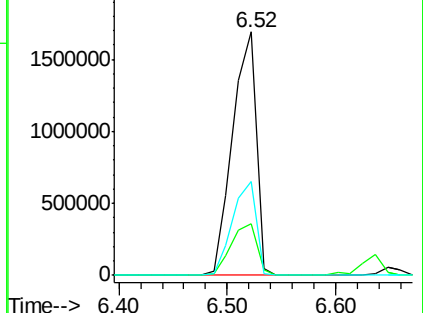
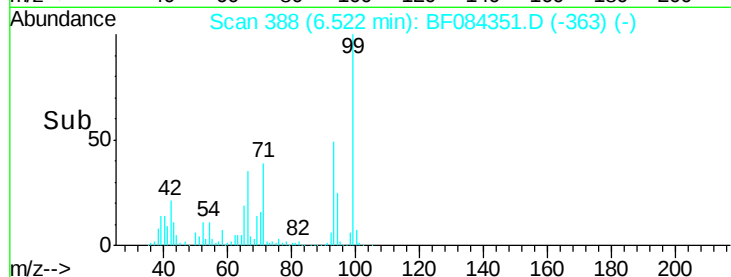
71 38.6 30.9 46.3



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: 37.37 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

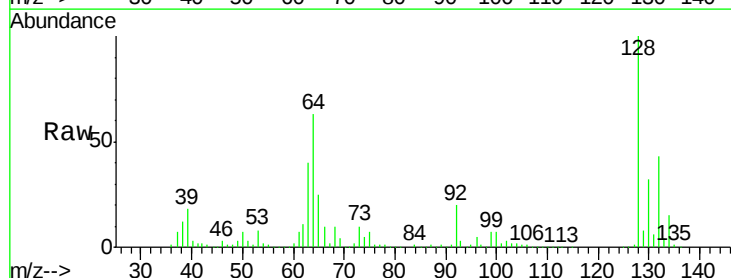
Tgt Ion:128 Resp: 1146867

Ion Ratio Lower Upper

128 100

130 32.0 11.6 51.6

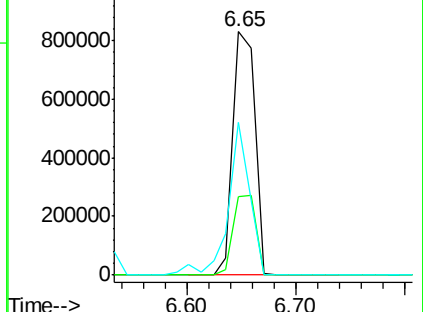
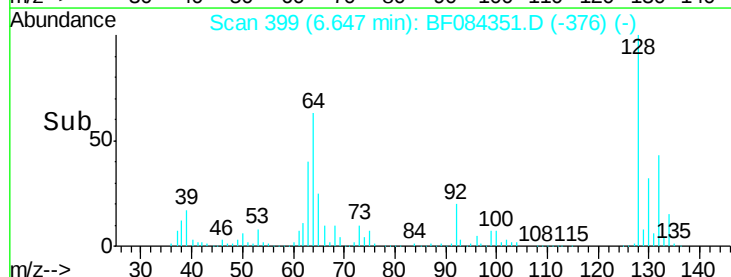
64 62.7 23.8 63.8

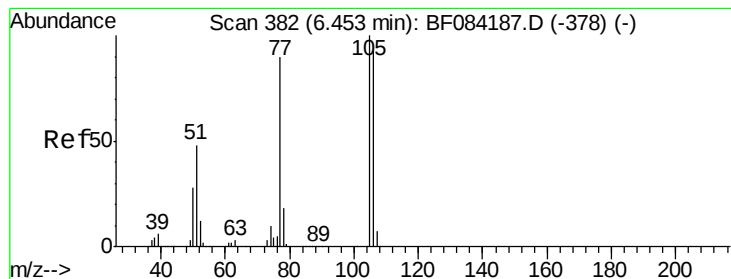


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.12 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

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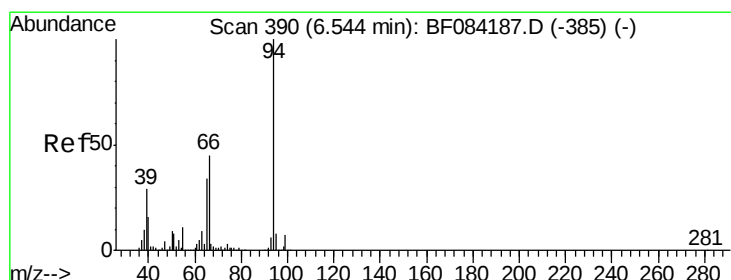
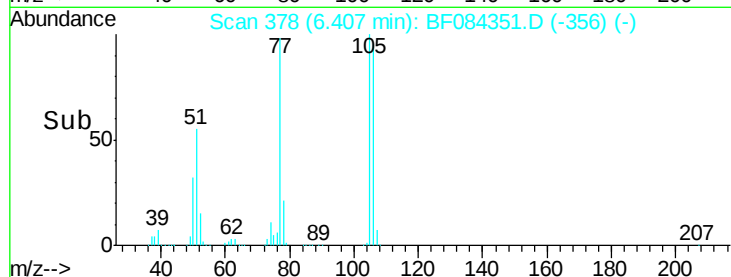
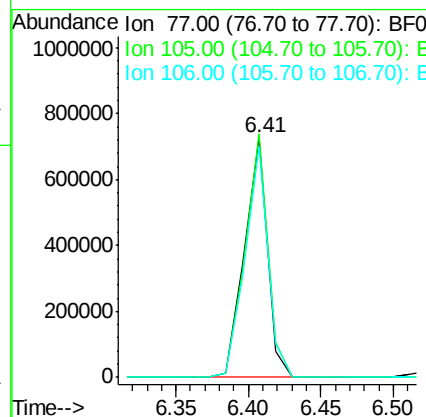
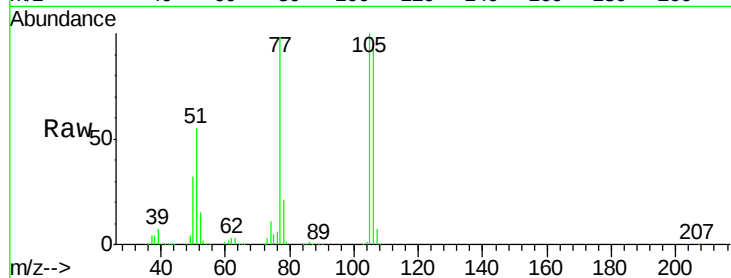
Tot Ion: 77 Resp: 799095

Ion Ratio Lower Upper

77 100

105 101.6 83.0 123.0

106 96.4 74.6 114.6



#10

Phenol

Concen: 39.45 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

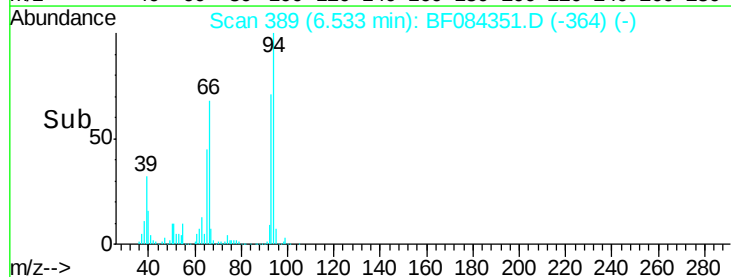
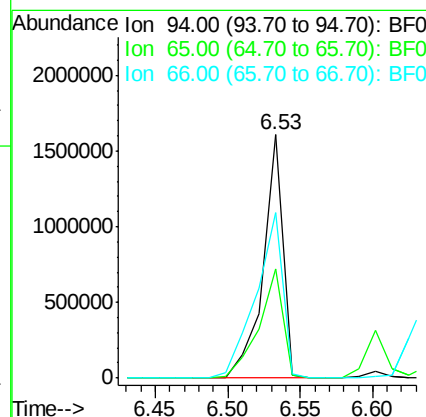
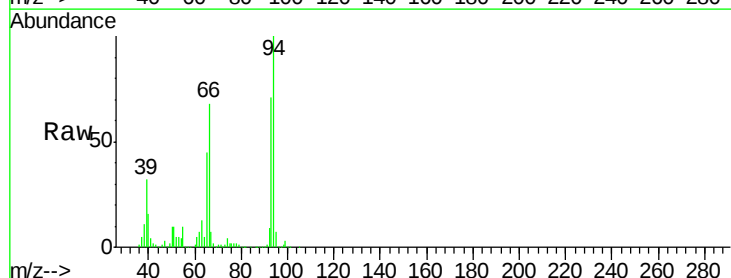
Tgt Ion: 94 Resp: 1523955

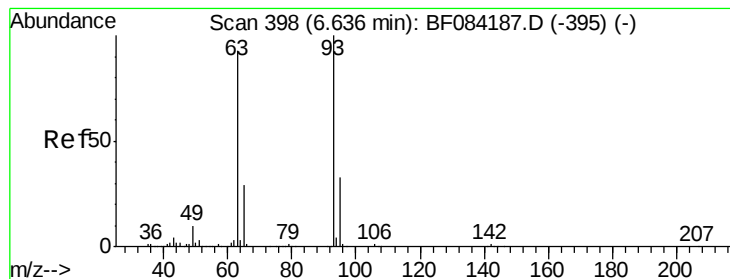
Ion Ratio Lower Upper

94 100

65 45.0 12.9 52.9

66 68.0 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 36.84 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

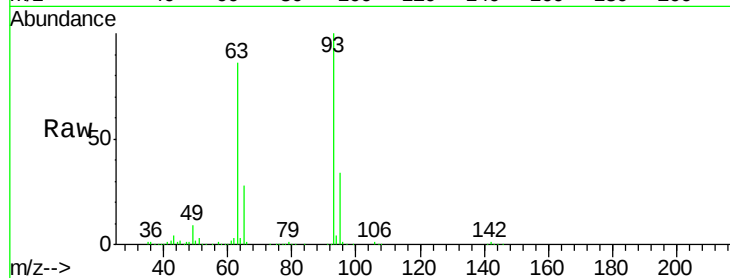
Tot Ion: 93 Resp: 1102325

Ion	Ratio	Lower	Upper
93	100		
63	86.0	45.9	85.9#
95	33.7	12.3	52.3

93 100

63 86.0 45.9 85.9#

95 33.7 12.3 52.3

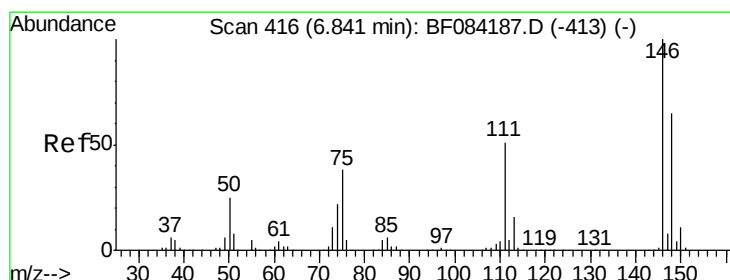
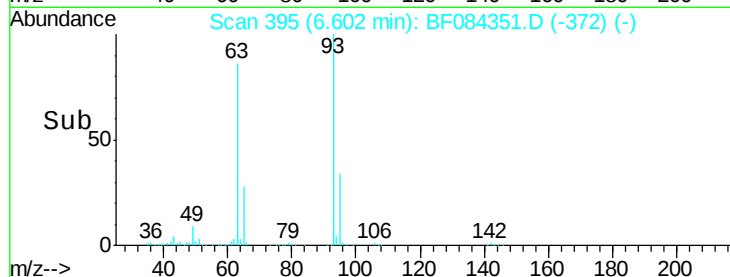
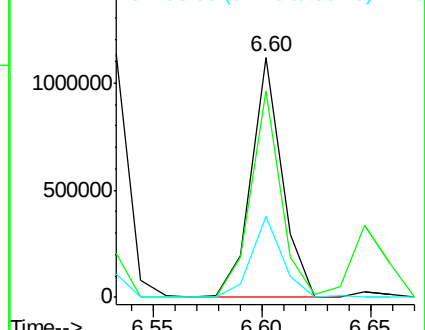


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.05 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

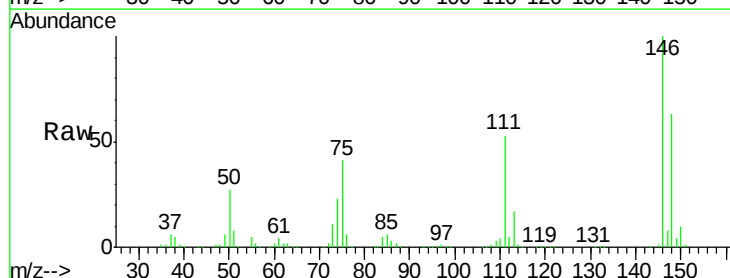
Tgt Ion: 146 Resp: 1173138

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	40.9	20.5	30.7#

146 100

148 63.3 51.9 77.9

75 40.9 20.5 30.7#

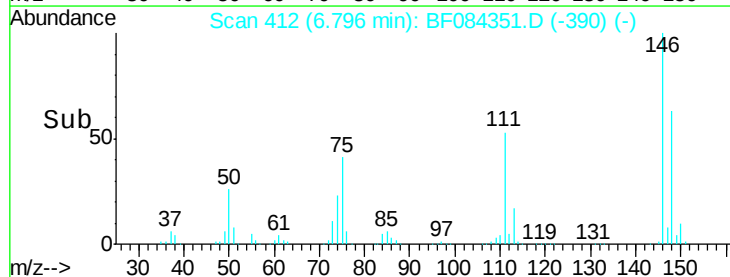
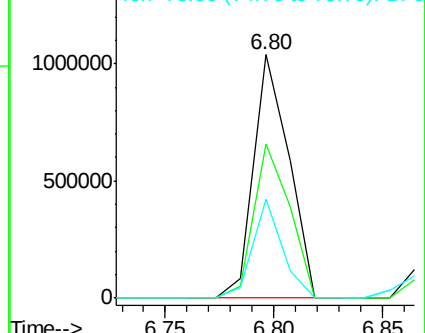


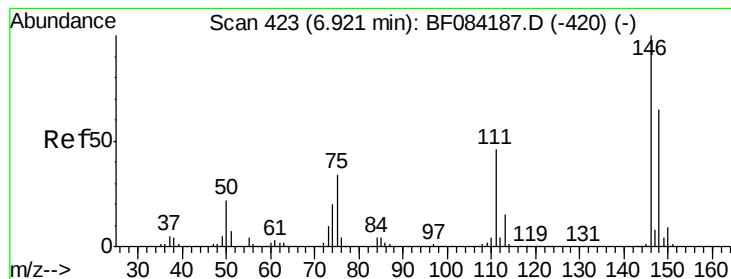
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.36 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

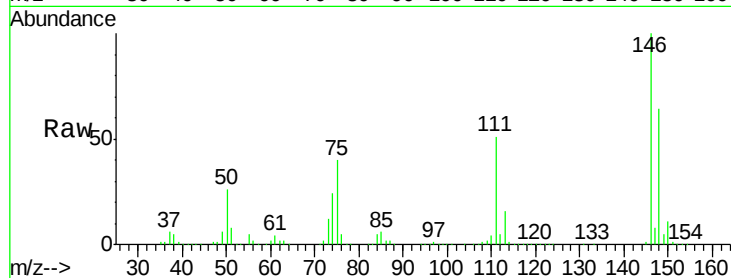
Tot Ion:146 Resp: 1122785

Ion Ratio Lower Upper

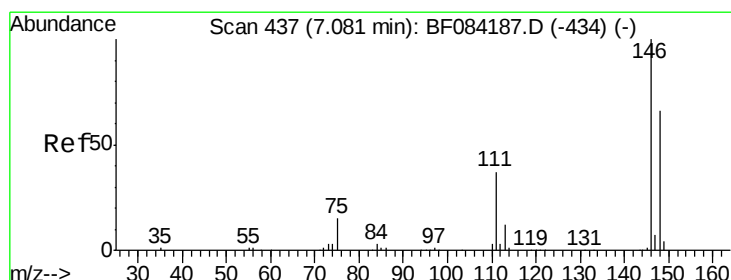
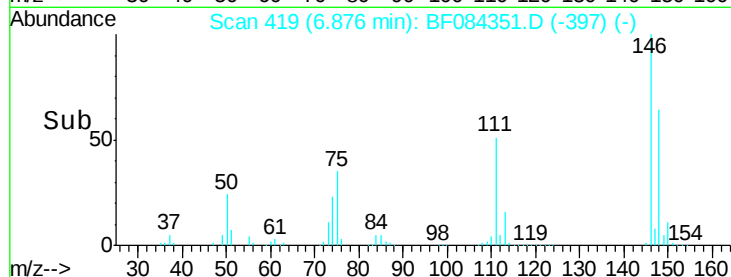
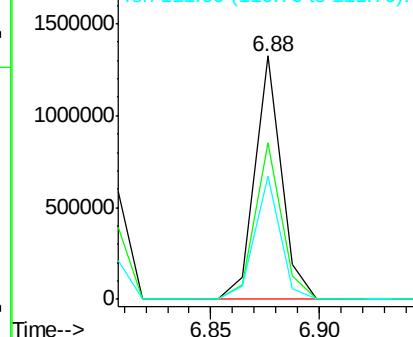
146 100

148 64.1 51.9 77.9

111 50.9 41.6 62.4



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: 38.77 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

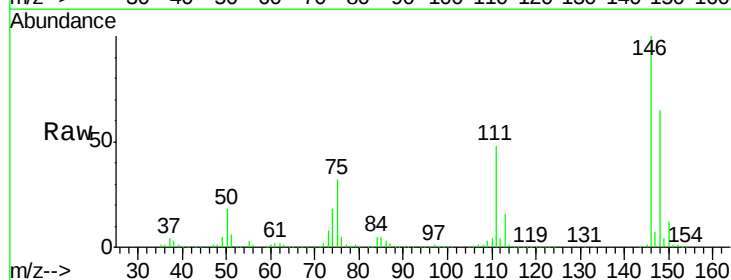
Tgt Ion:146 Resp: 1178872

Ion Ratio Lower Upper

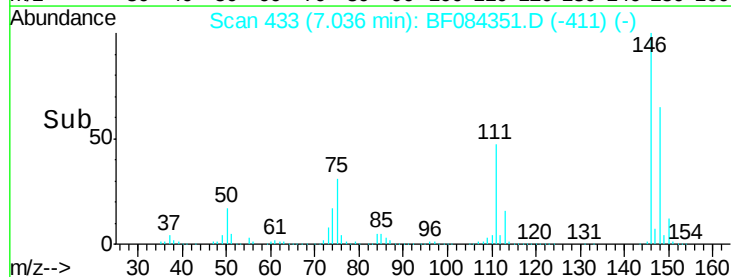
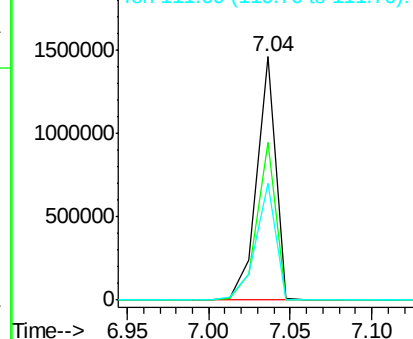
146 100

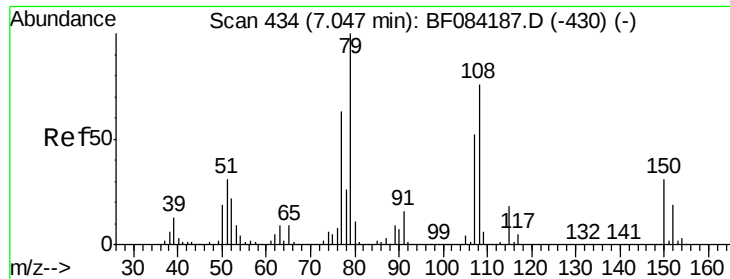
148 65.1 51.6 77.4

111 48.0 38.0 57.0



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: 33.34 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

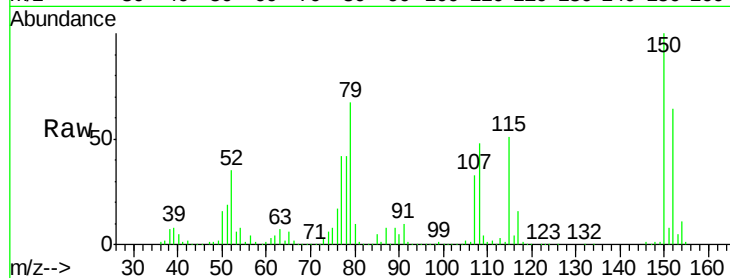
Tot Ion: 79 Resp: 952751

Ion Ratio Lower Upper

79 100

108 71.9 69.0 103.4

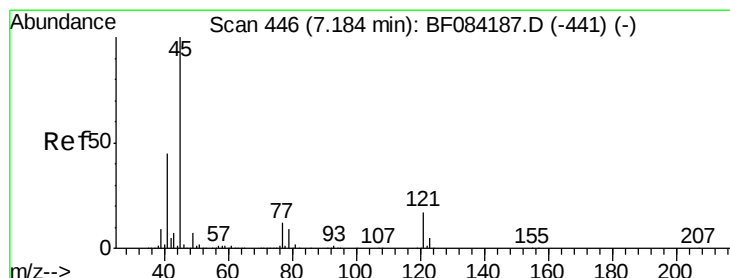
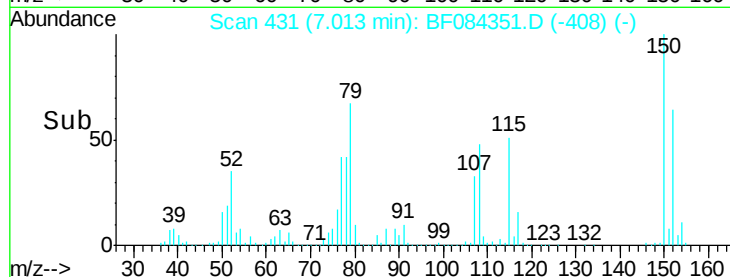
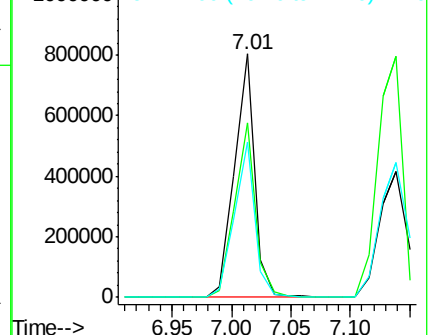
77 63.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.09 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

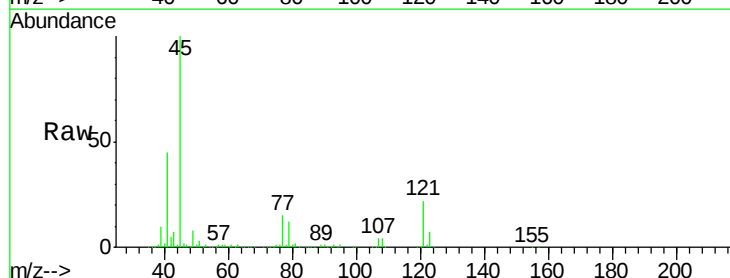
Tgt Ion: 45 Resp: 1857391

Ion Ratio Lower Upper

45 100

77 15.2 0.0 39.6

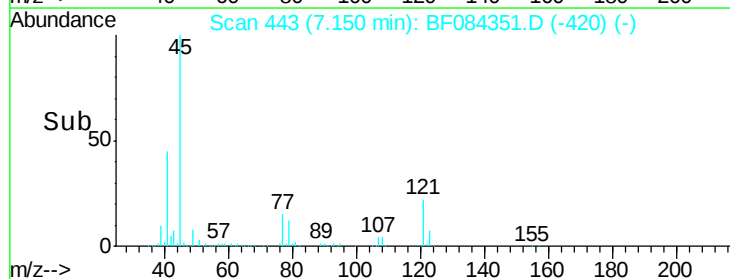
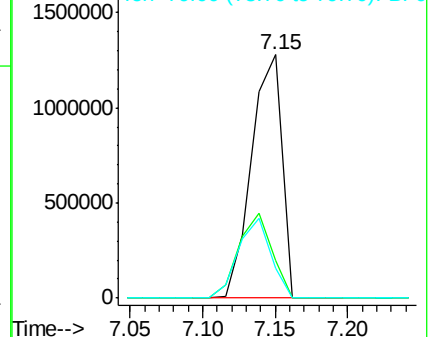
79 12.4 0.0 35.0

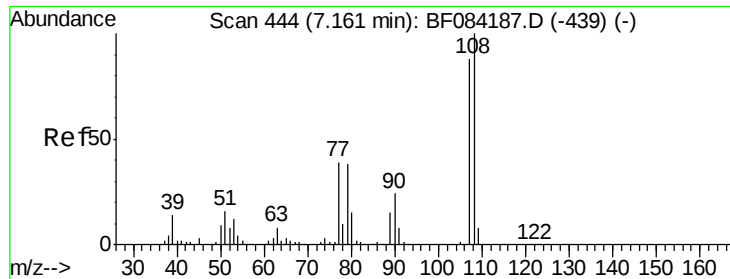


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

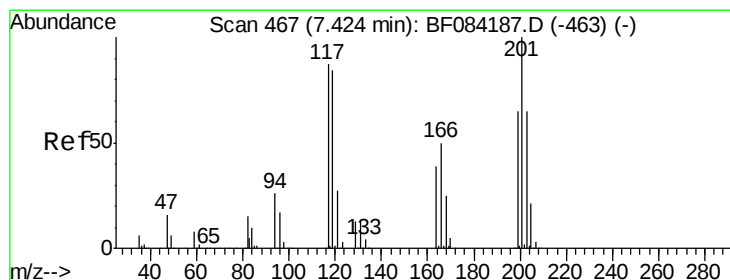
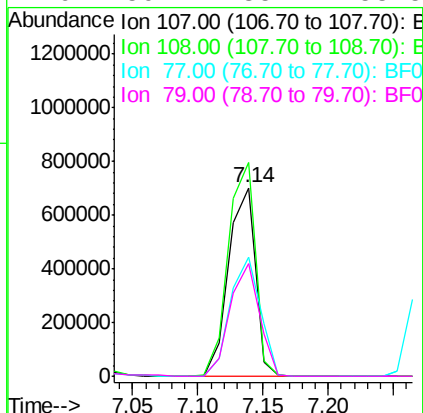
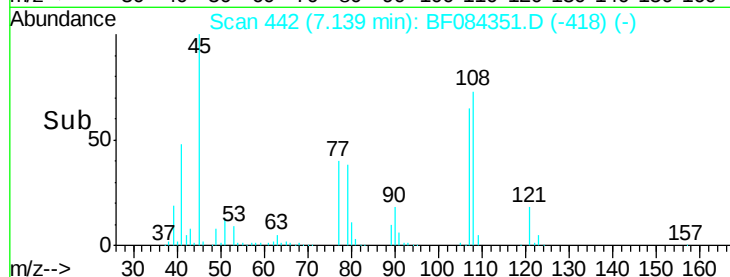
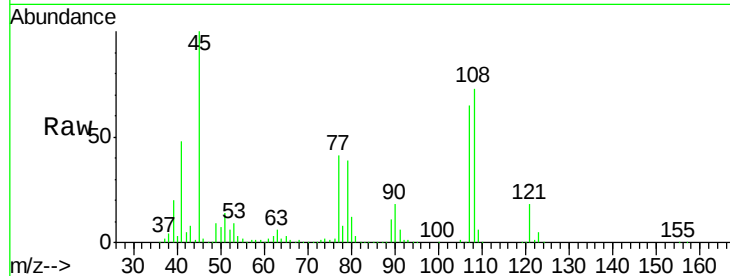




#17
2-Methylphenol
Concen: 38.83 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

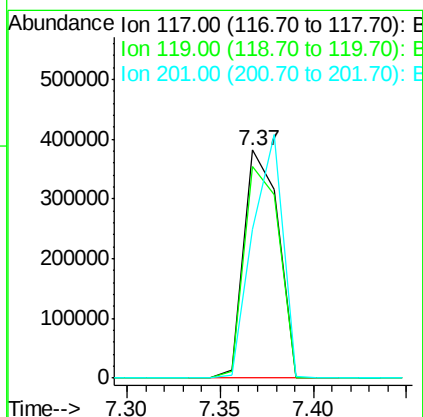
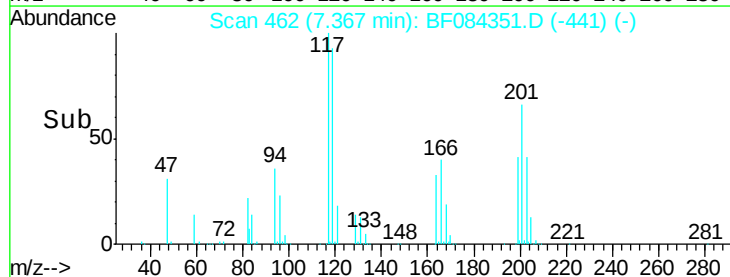
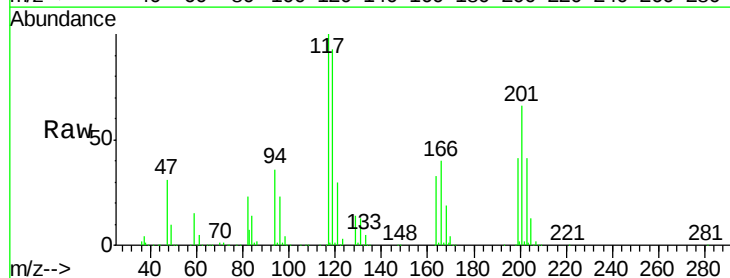
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

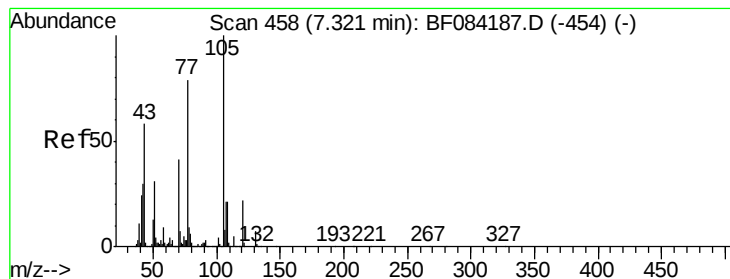
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.6
77	63.1	35.7	53.5#
79	59.4	35.7	53.5#



#18
Hexachloroethane
Concen: 38.35 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.4	116.0
201	65.6	68.6	103.0#





#19

n-Nitroso-di-n-propylamine

Concen: 38.19 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

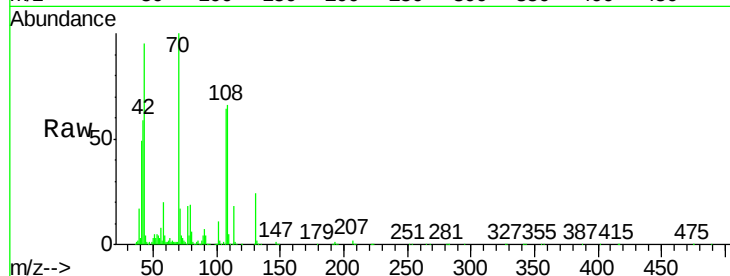
ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 878232

Ion Ratio Lower Upper

70	100		
42	59.2	33.3	49.9#
101	10.9	9.3	13.9
130	23.9	23.4	35.0



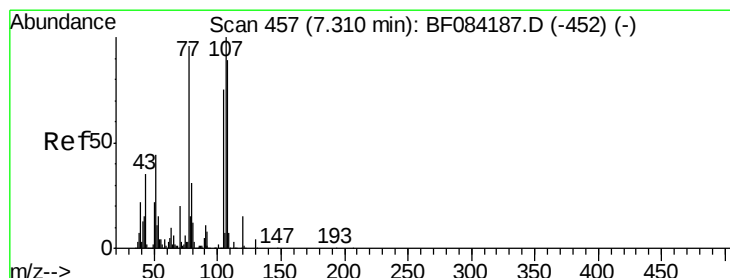
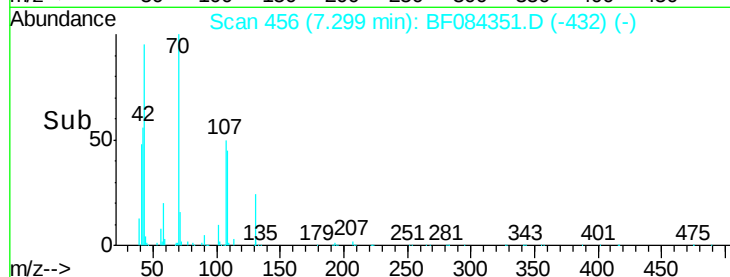
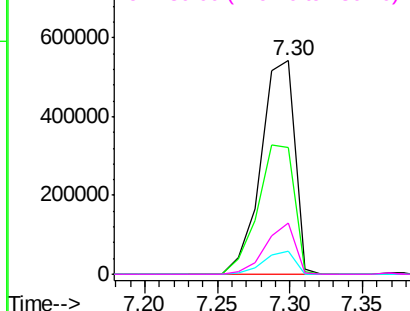
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 32.61 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Tgt Ion: 107 Resp: 986044

Ion Ratio Lower Upper

107	100		
108	86.9	74.6	114.6
77	97.6	0.7	40.7#
79	31.2	0.0	39.0

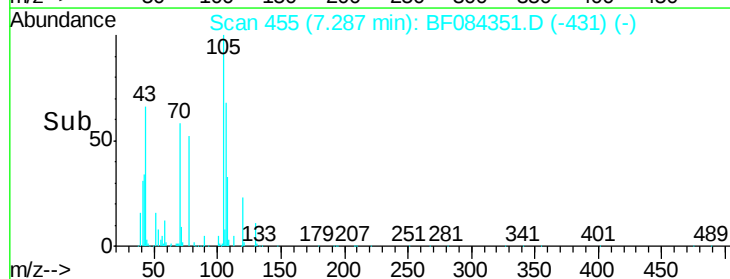
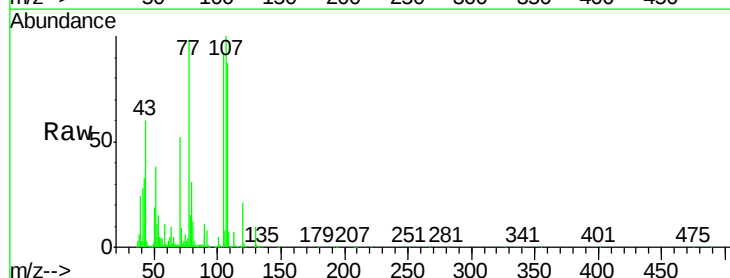
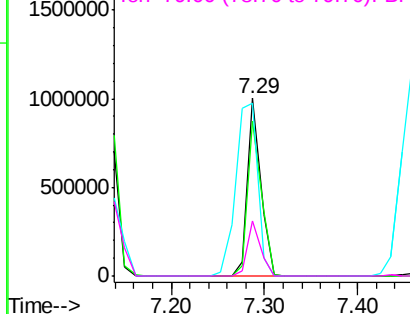
Abundance

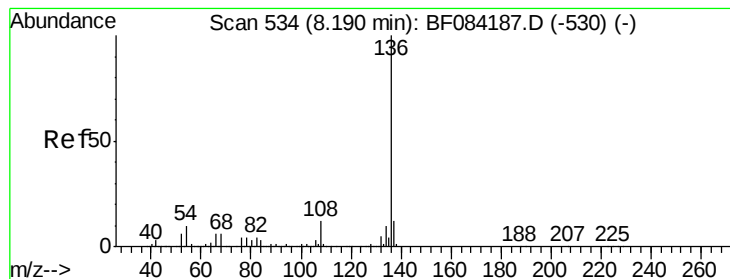
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

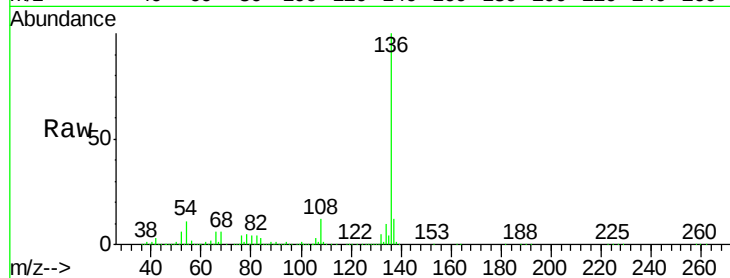
ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1699774

Ion Ratio Lower Upper

136	100		
137	11.7	8.7	13.1
54	11.4	5.8	8.8#
68	6.0	4.2	6.2

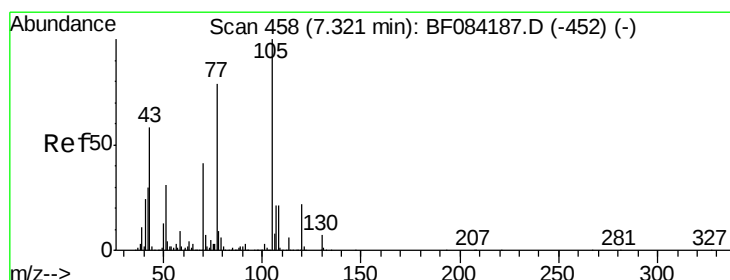
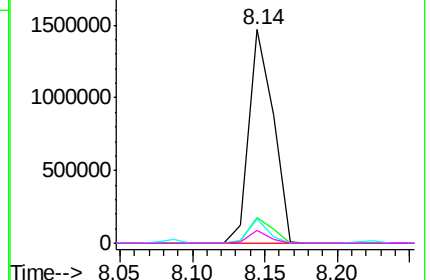
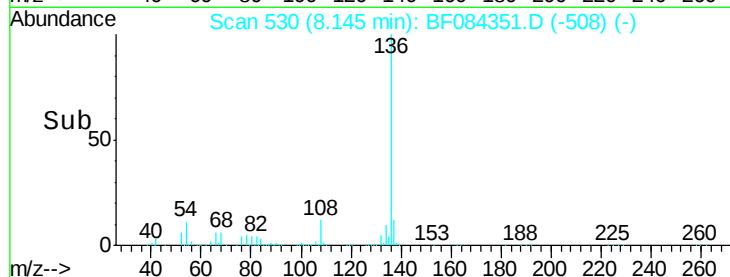


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.21 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

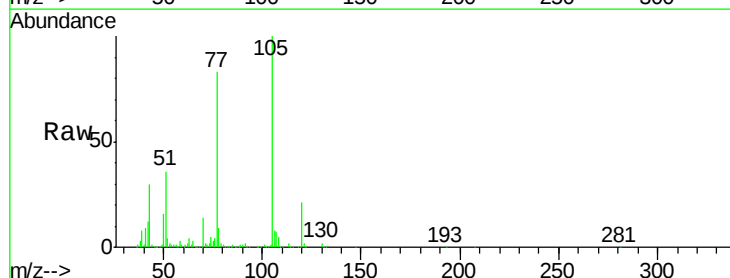
Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Tgt Ion:105 Resp: 1684364

Ion Ratio Lower Upper

105	100		
71	2.4	3.7	5.5#
51	35.8	25.1	37.7
120	21.1	16.6	25.0

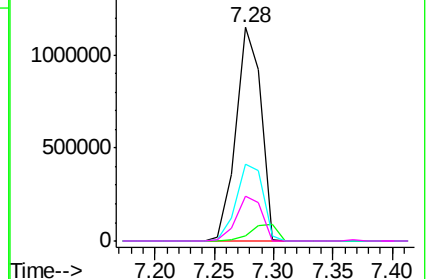
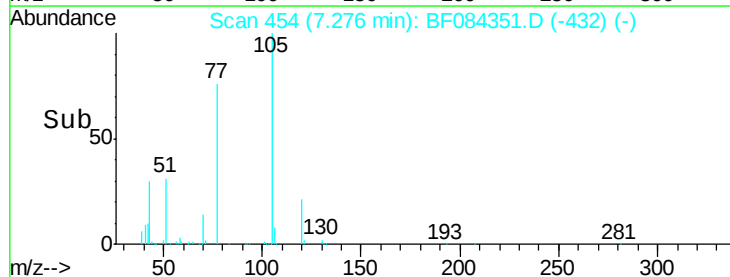


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.46 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

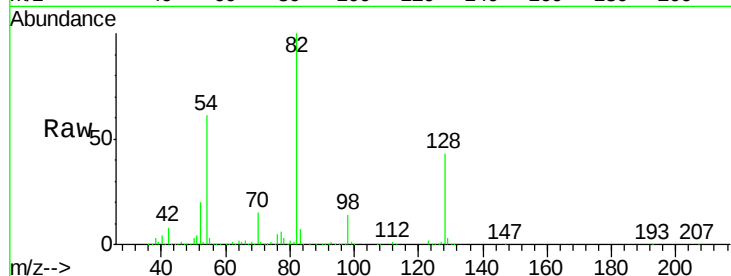
Tot Ion: 82 Resp: 2335139

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

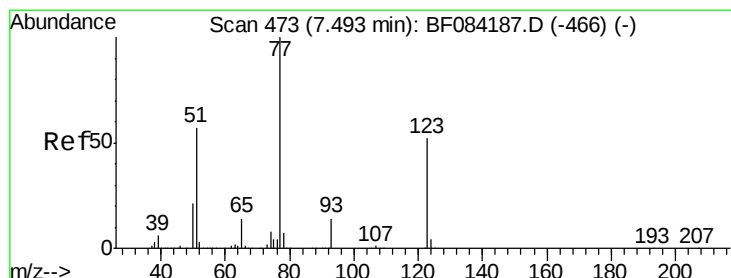
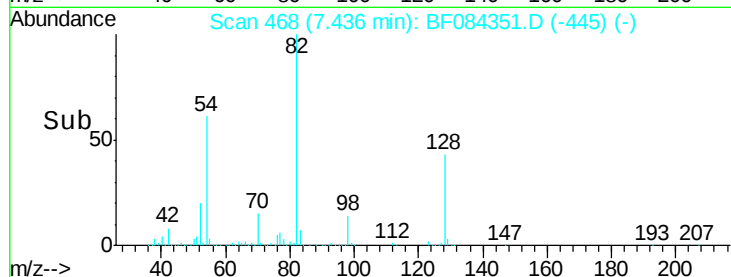
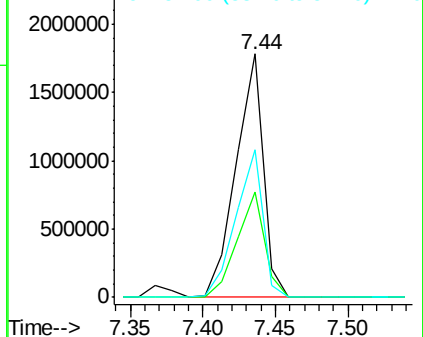
54 60.5 38.4 57.6#



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: 45.00 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

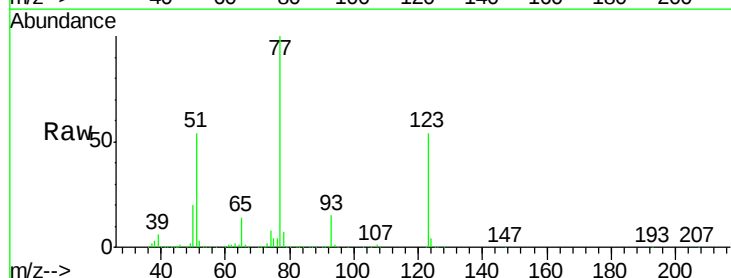
Tgt Ion: 77 Resp: 1393907

Ion Ratio Lower Upper

77 100

123 54.4 37.4 56.2

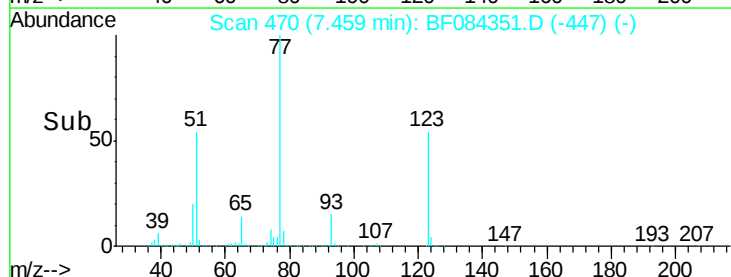
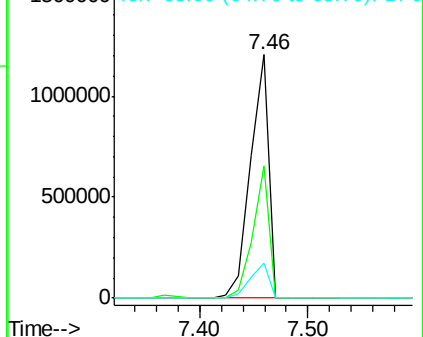
65 14.3 10.9 16.3

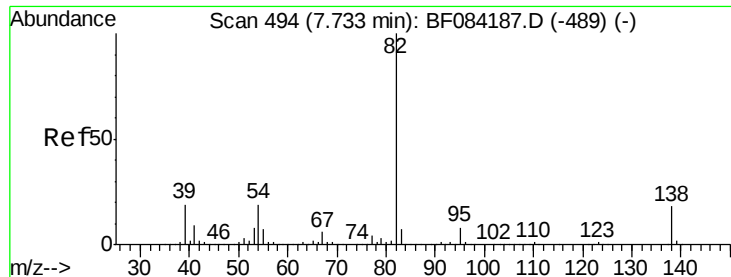


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.13 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

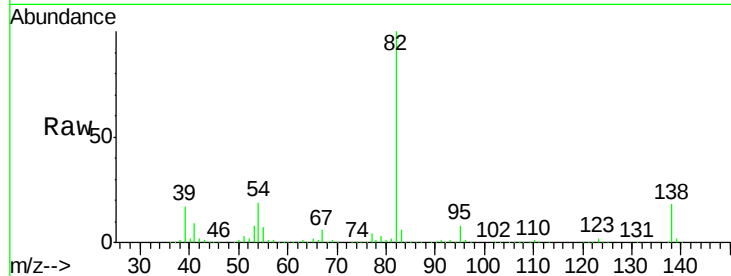
Tot Ion: 82 Resp: 2460939

Ion Ratio Lower Upper

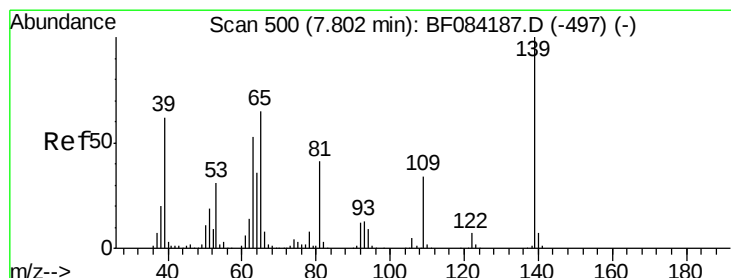
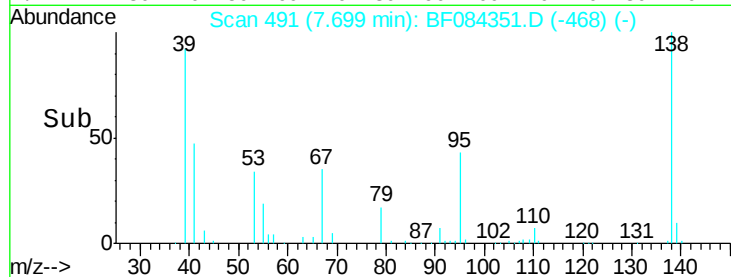
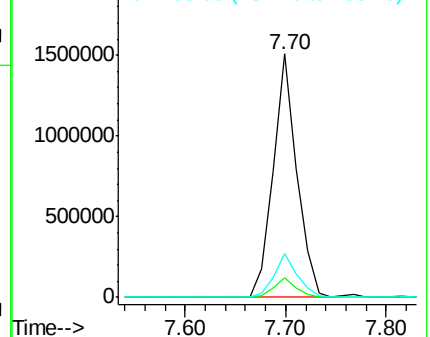
82 100

95 7.9 6.6 10.0

138 18.1 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 48.81 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

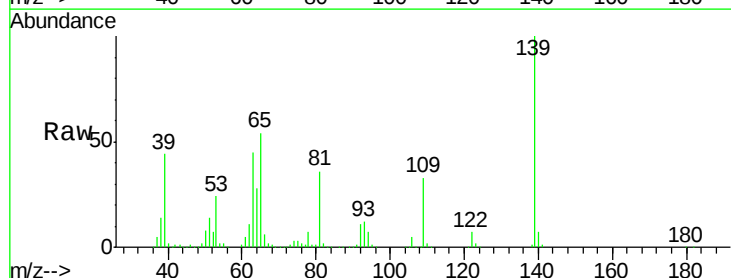
Tgt Ion: 139 Resp: 688178

Ion Ratio Lower Upper

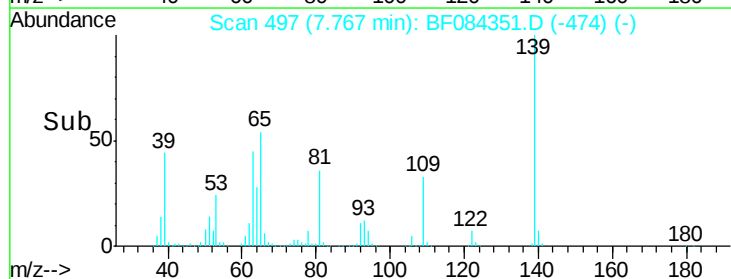
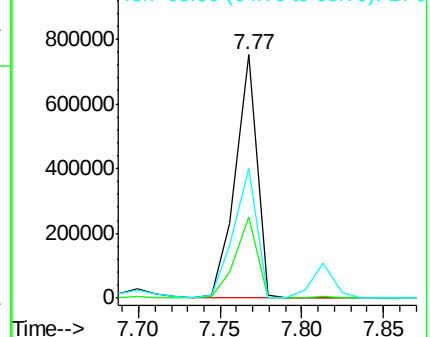
139 100

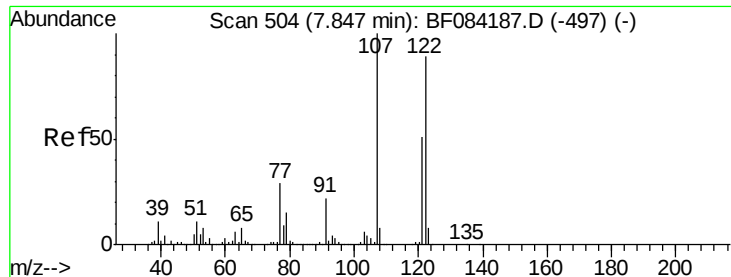
109 33.4 25.4 38.2

65 53.5 32.3 48.5#



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: 35.49 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

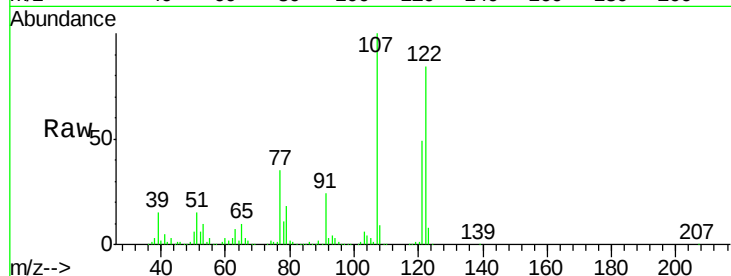
Tot Ion:122 Resp: 1012628

Ion Ratio Lower Upper

122 100

107 119.5 99.1 148.7

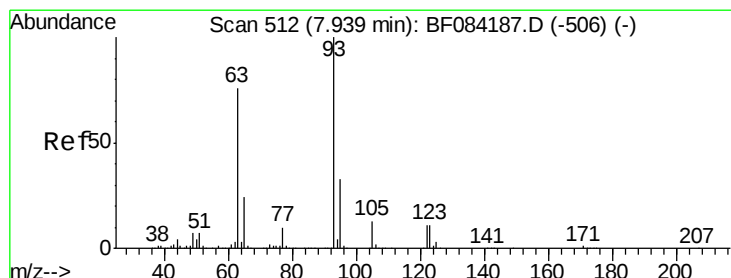
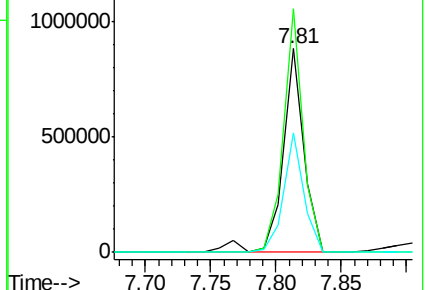
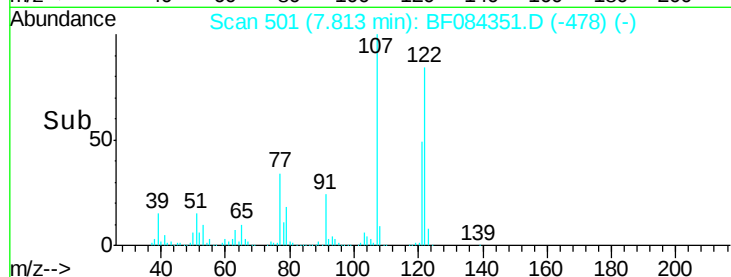
121 58.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.65 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

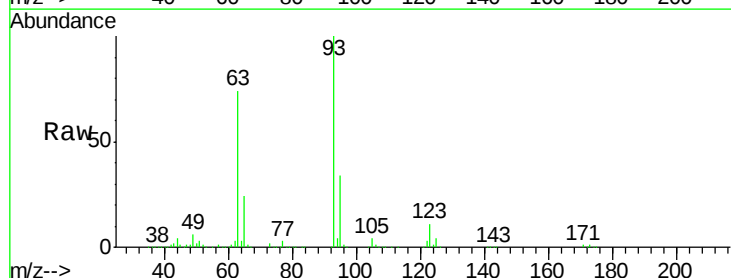
Tgt Ion: 93 Resp: 1378876

Ion Ratio Lower Upper

93 100

95 34.1 25.8 38.6

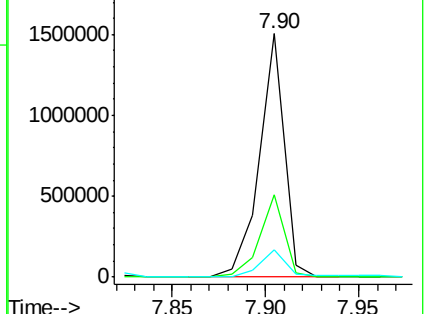
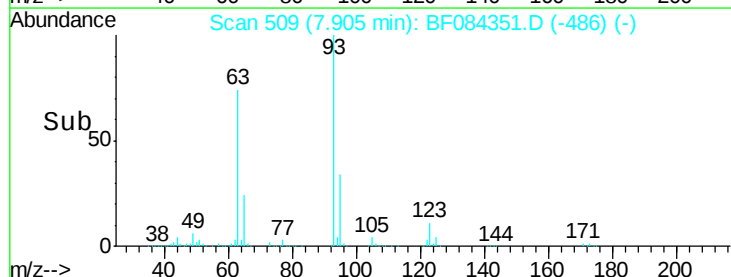
123 11.2 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.05 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

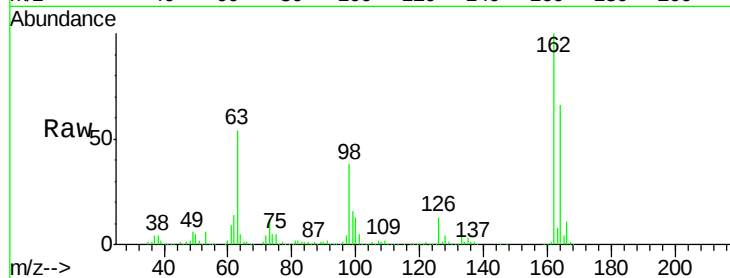
Tot Ion:162 Resp: 1023266

Ion Ratio Lower Upper

162 100

164 65.9 44.1 84.1

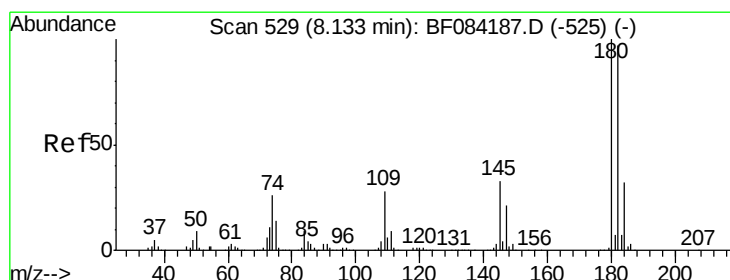
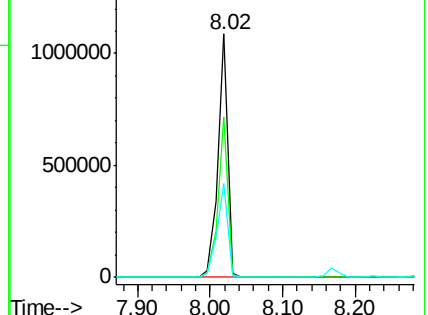
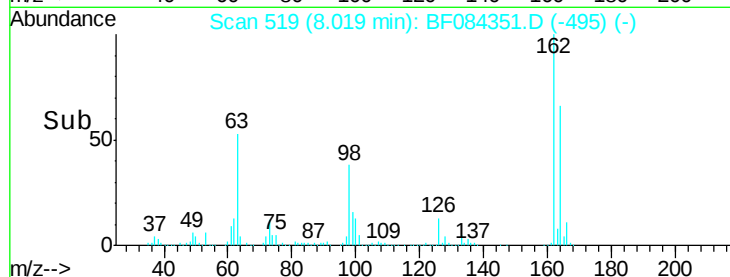
98 38.4 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.36 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

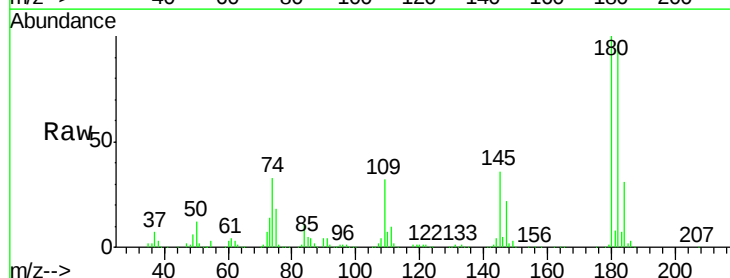
Tgt Ion:180 Resp: 965928

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

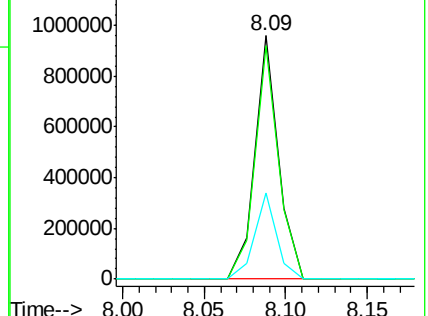
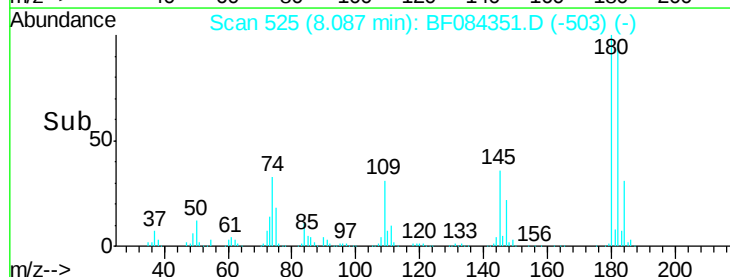
145 35.6 31.6 47.4

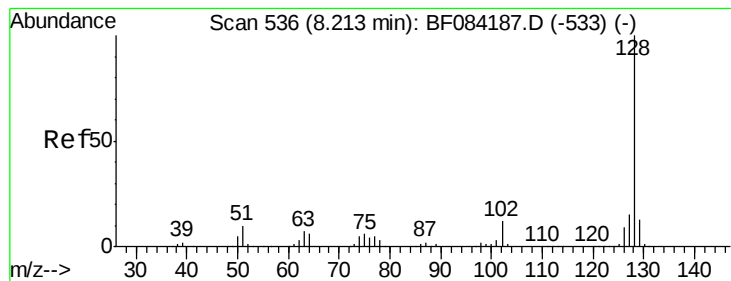


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.19 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

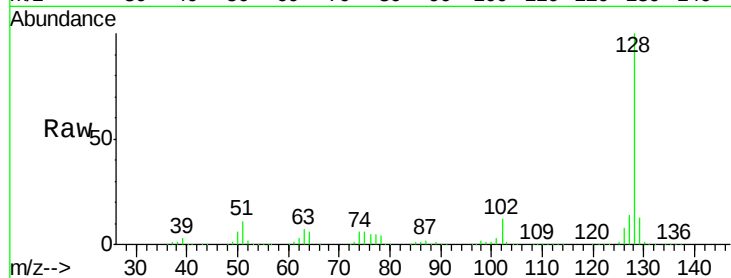
Tot Ion:128 Resp: 2945030

Ion Ratio Lower Upper

128 100

129 12.9 9.1 13.7

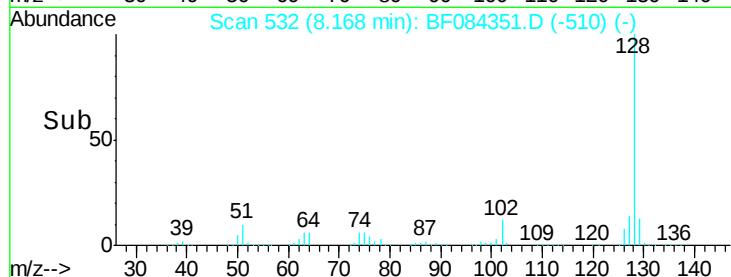
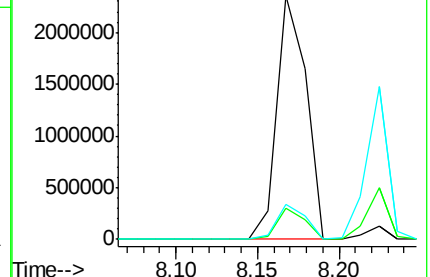
127 14.5 11.1 16.7



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: 29.41 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

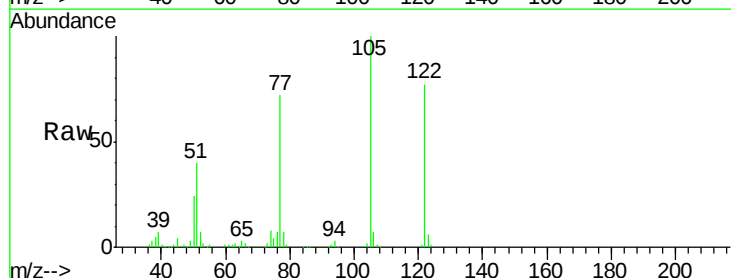
Tgt Ion:122 Resp: 488767

Ion Ratio Lower Upper

122 100

105 130.6 100.3 140.3

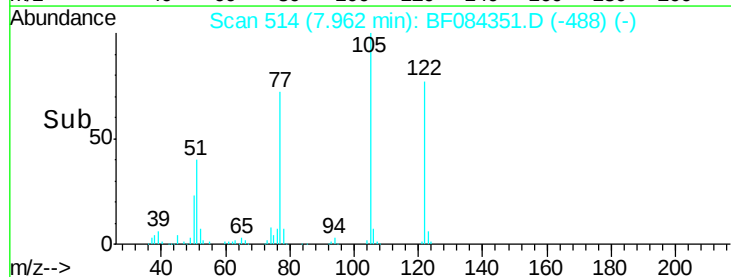
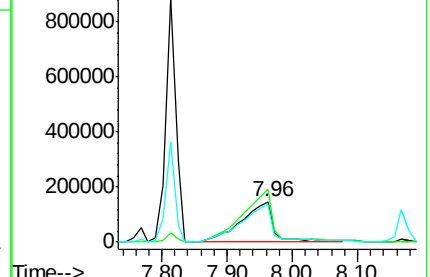
77 94.1 63.5 103.5

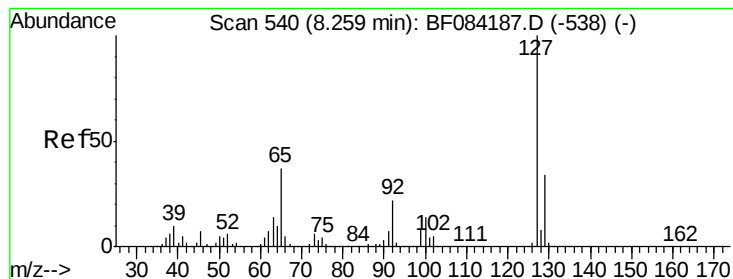


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.30 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 1389531

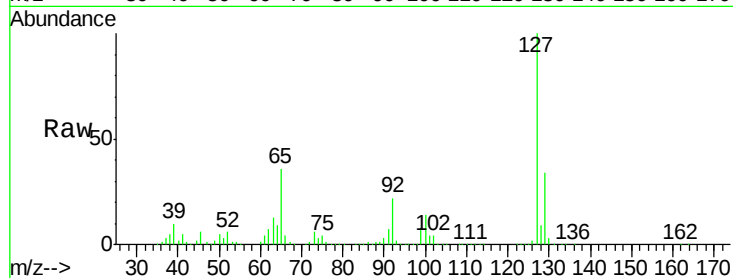
Ion Ratio Lower Upper

127 100

129 33.9 26.5 39.7

65 36.4 27.2 40.8

92 22.1 17.7 26.5

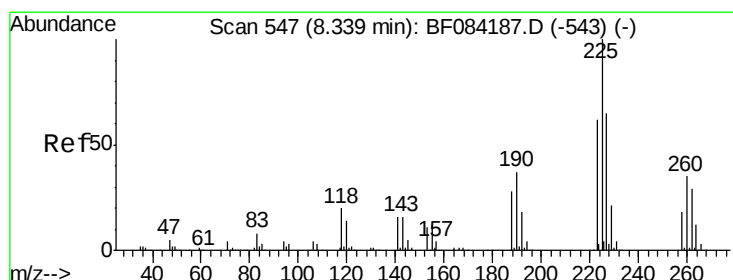
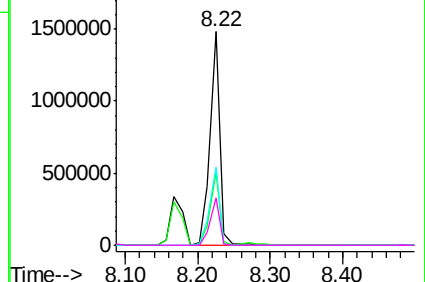
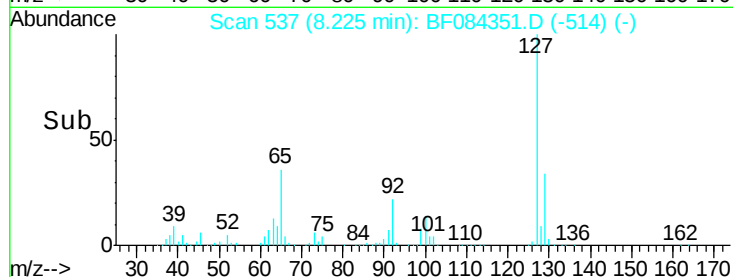


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.96 ng

RT: 8.29 min Scan# 543

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

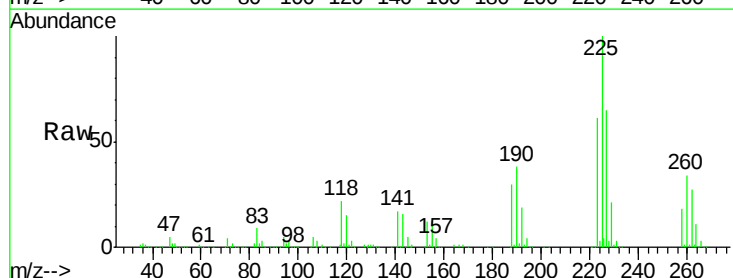
Tgt Ion:225 Resp: 606067

Ion Ratio Lower Upper

225 100

223 60.8 49.4 74.0

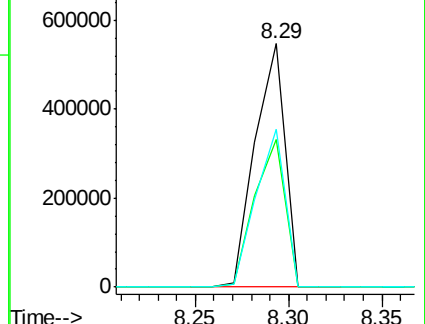
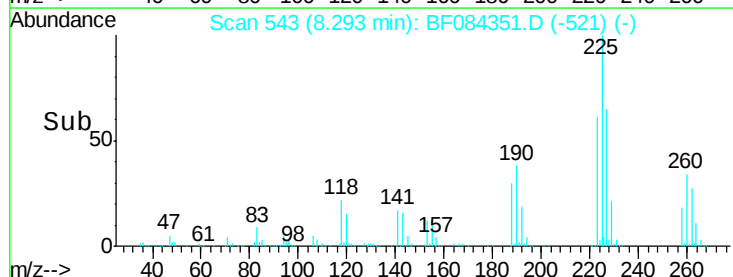
227 64.6 50.8 76.2

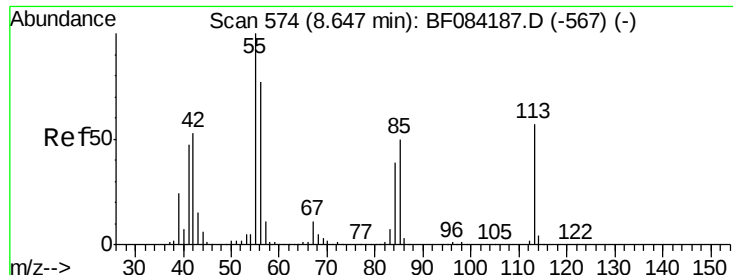


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

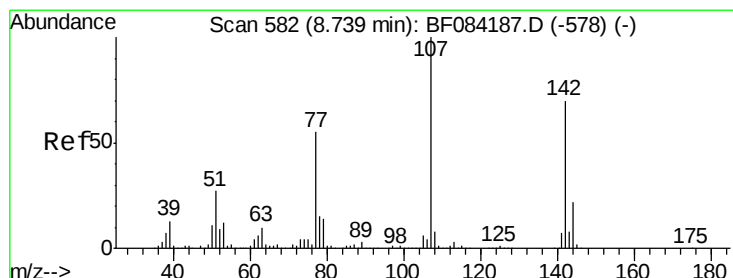
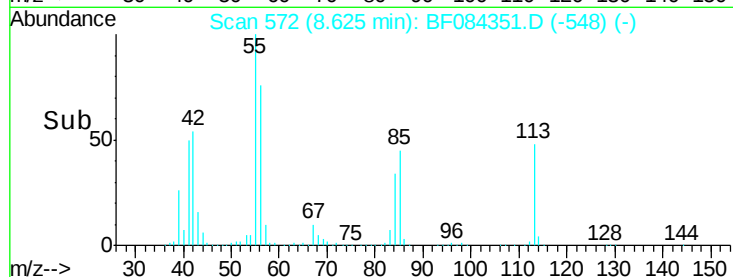
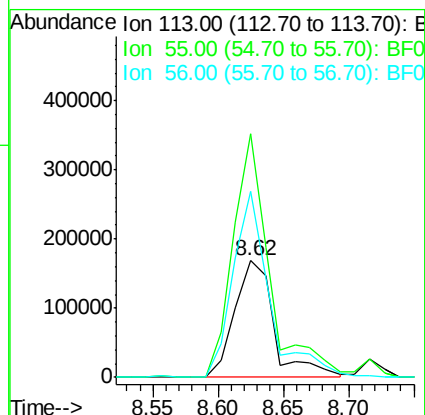
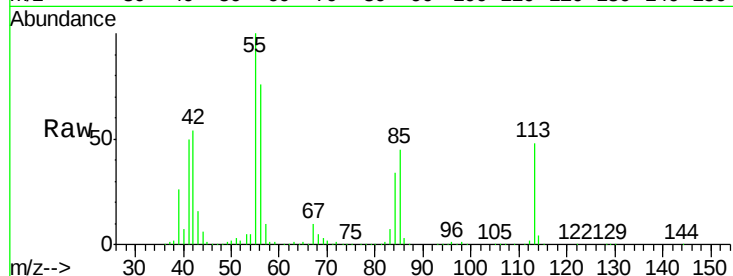




#35
 Caprolactam
 Concen: 44.21 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

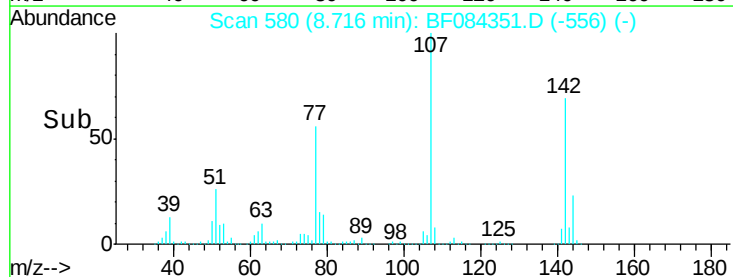
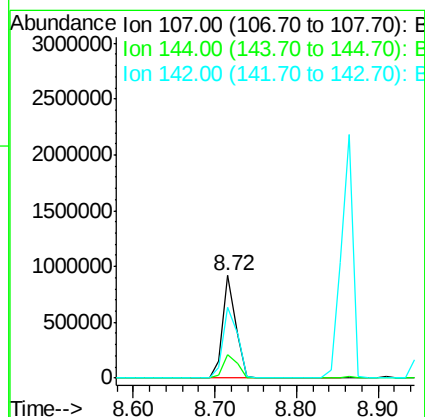
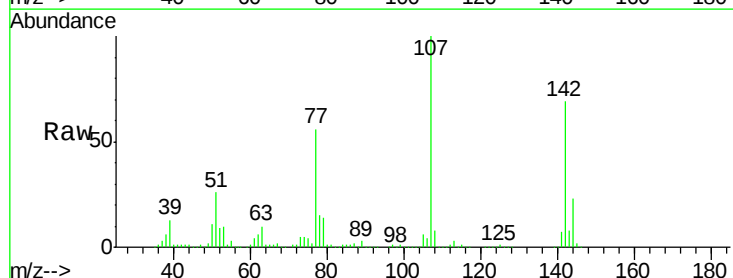
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

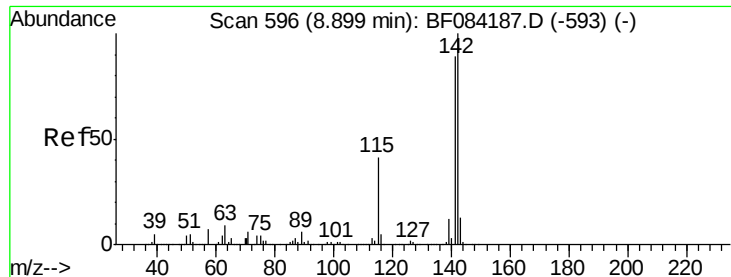
Tot Ion:113 Resp: 354289
 Ion Ratio Lower Upper
 113 100
 55 208.6 116.9 156.9#
 56 159.0 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.41 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Tgt Ion:107 Resp: 1022688
 Ion Ratio Lower Upper
 107 100
 144 22.6 19.7 29.5
 142 69.3 61.8 92.6

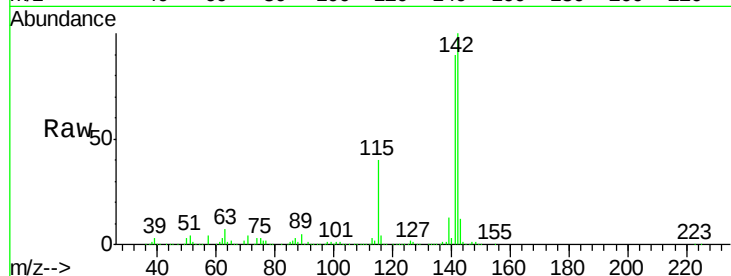




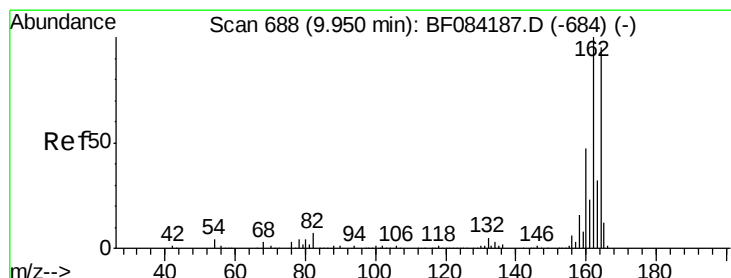
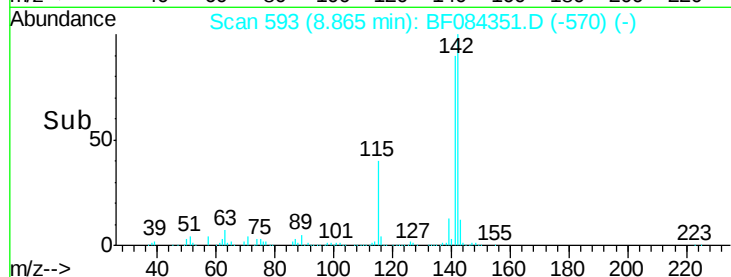
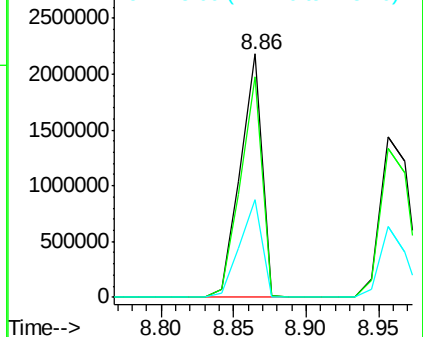
#37
2-Methylnaphthalene
Concen: 41.07 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 2273440
Ion Ratio Lower Upper
142 100
141 90.5 72.4 108.6
115 40.3 27.9 41.9

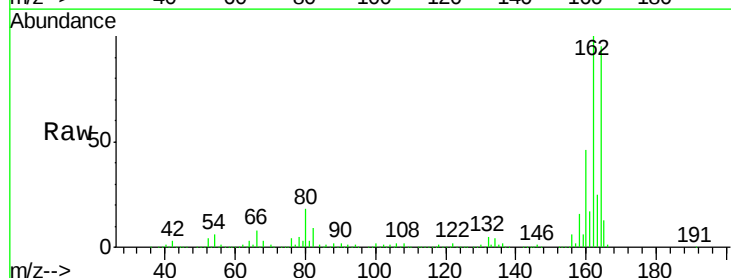


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

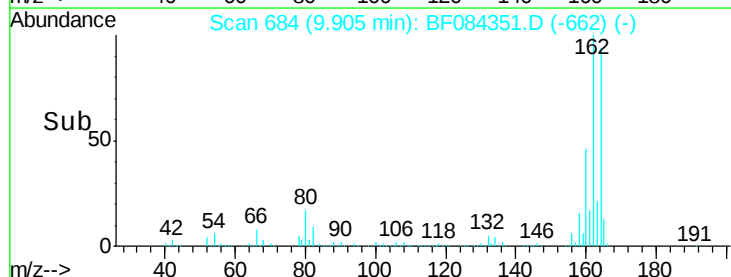
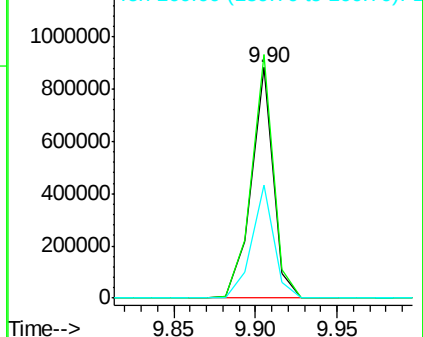


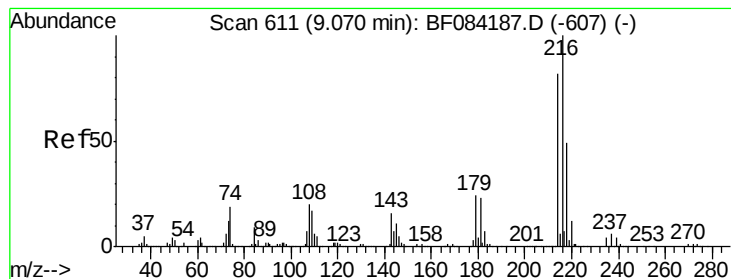
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion:164 Resp: 820042
Ion Ratio Lower Upper
164 100
162 105.8 85.1 127.7
160 48.9 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.43 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 835310

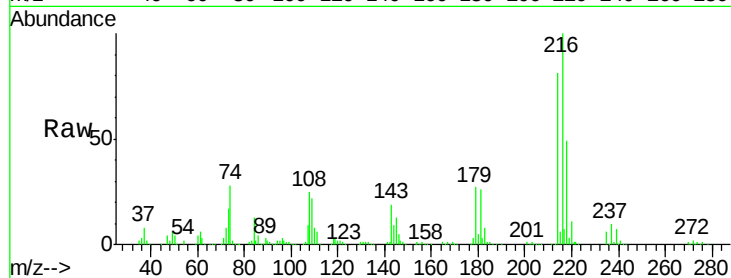
Ion Ratio Lower Upper

216 100

214 80.1 64.2 96.2

179 24.9 18.7 28.1

108 23.8 16.8 25.2

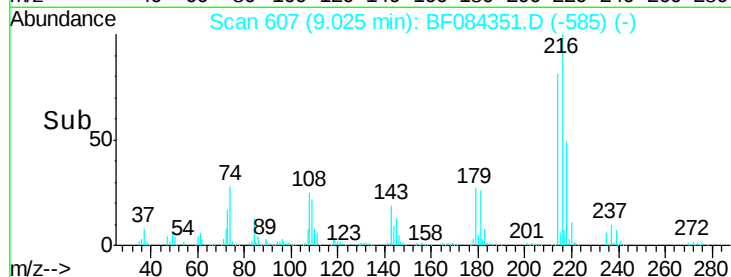
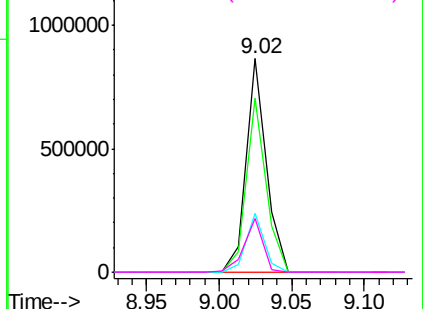


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.04 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

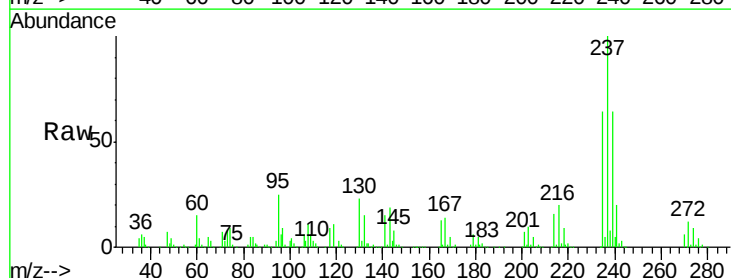
Tgt Ion:237 Resp: 455932

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

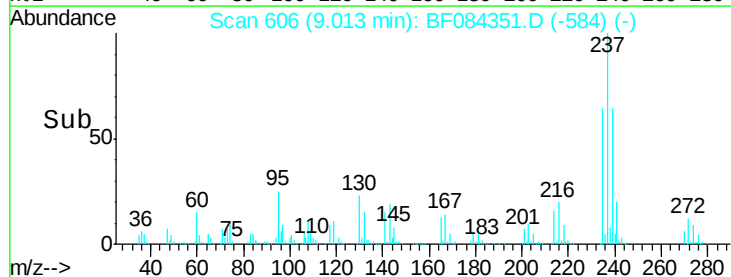
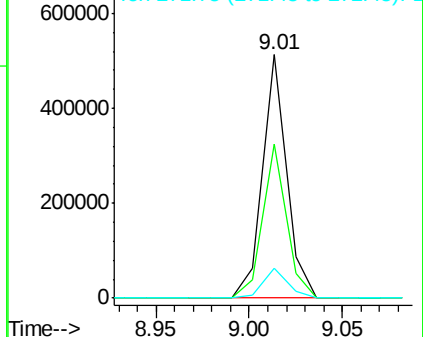
272 12.2 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

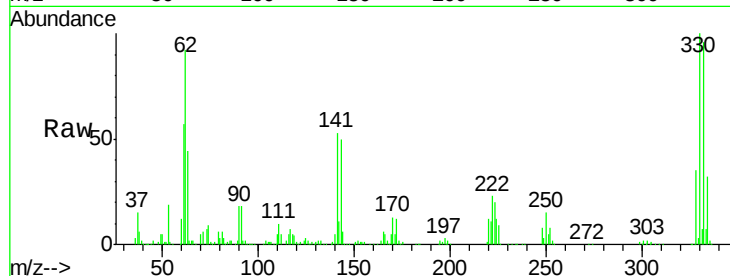




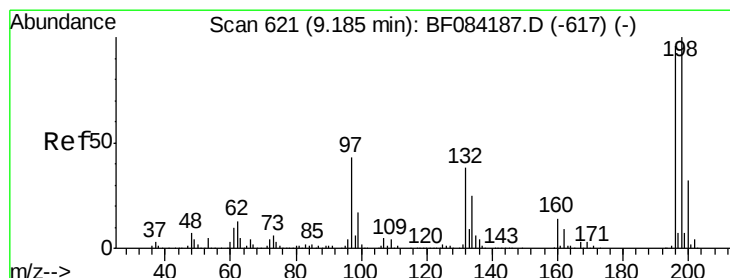
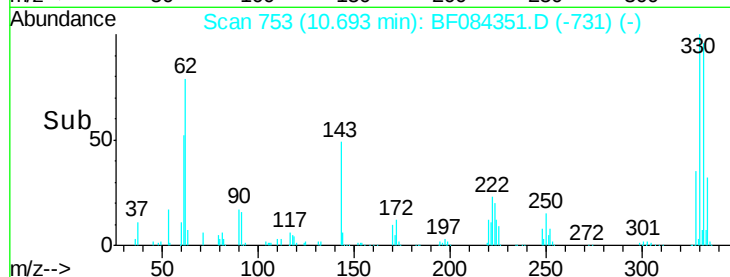
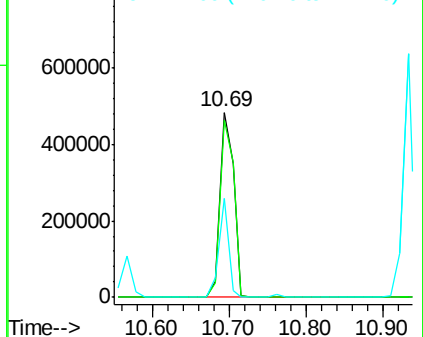
#41
 2,4,6-Tribromophenol
 Concen: 74.12 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 613661
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 37.1 27.8 41.6

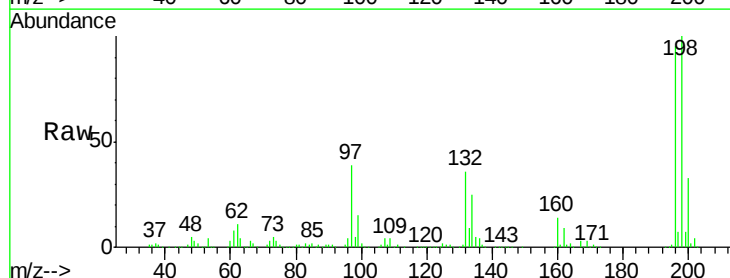


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

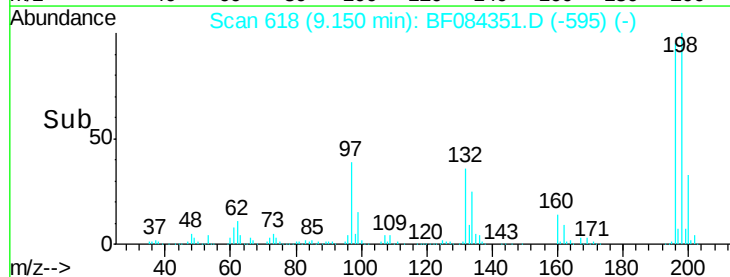
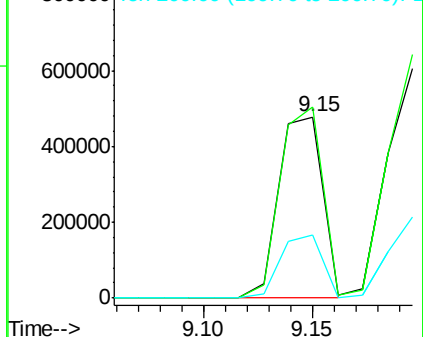


#42
 2,4,6-Trichlorophenol
 Concen: 38.22 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Tgt Ion:196 Resp: 674077
 Ion Ratio Lower Upper
 196 100
 198 105.3 77.7 116.5
 200 34.5 24.6 37.0



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

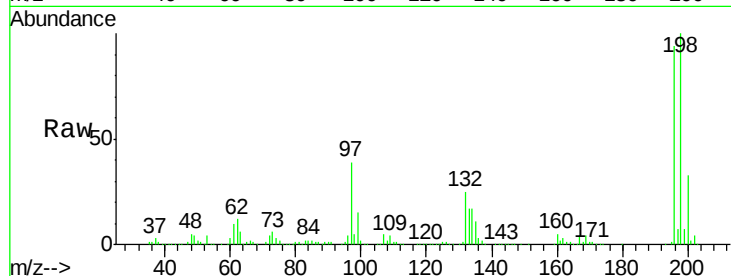




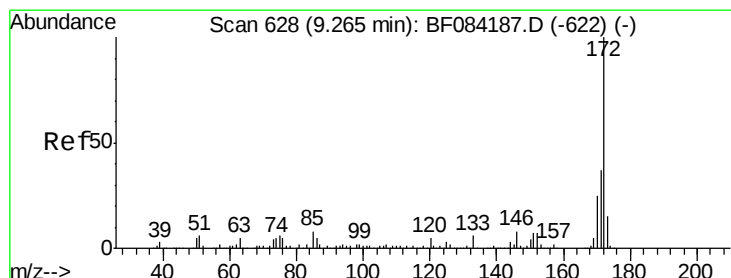
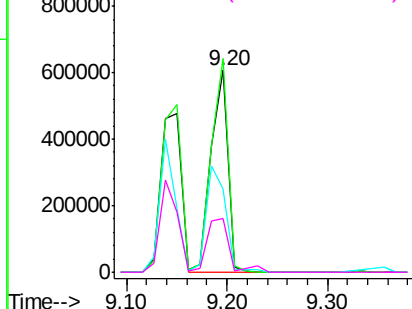
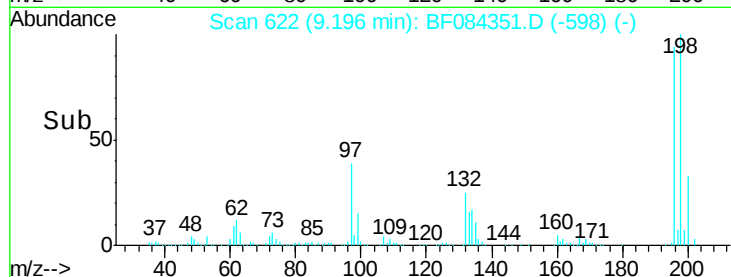
#43
 2,4,5-Trichlorophenol
 Concen: 41.99 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 709923
 Ion Ratio Lower Upper
 196 100
 198 105.8 79.0 118.6
 97 41.6 33.0 49.6
 132 26.7 21.1 31.7

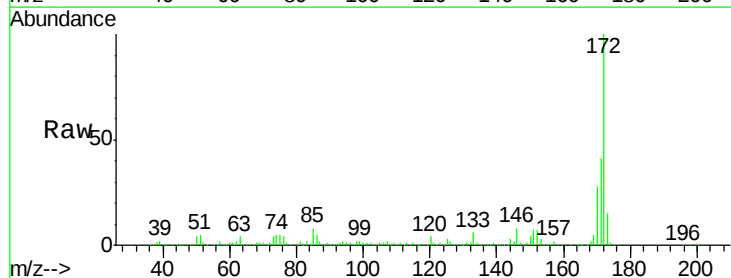


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

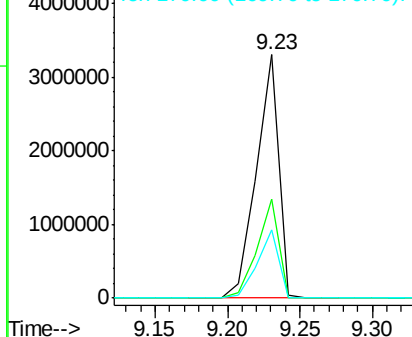
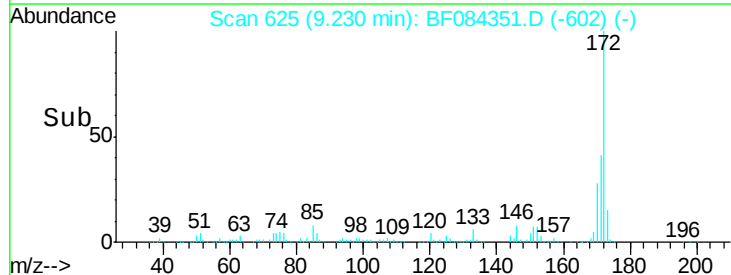


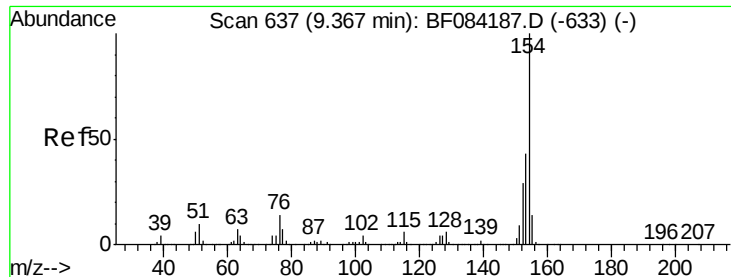
#44
 2-Fluorobiphenyl
 Concen: 74.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Tgt Ion:172 Resp: 3516743
 Ion Ratio Lower Upper
 172 100
 171 40.6 28.9 43.3
 170 28.0 18.6 27.8#



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





#45

1,1'-Biphenyl

Concen: 41.95 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

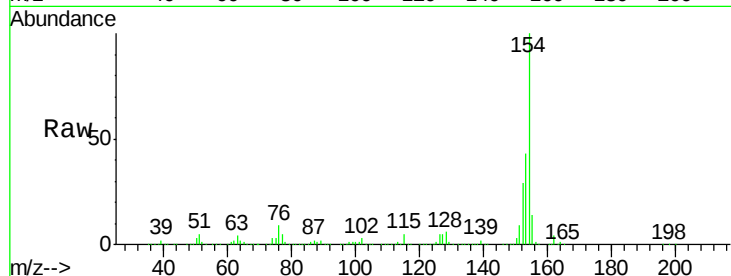
Tot Ion:154 Resp: 2733861

Ion Ratio Lower Upper

154 100

153 42.6 21.6 61.6

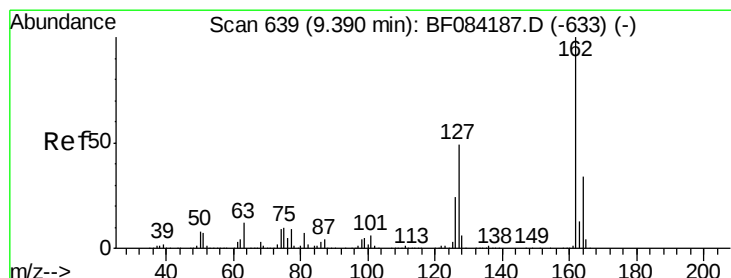
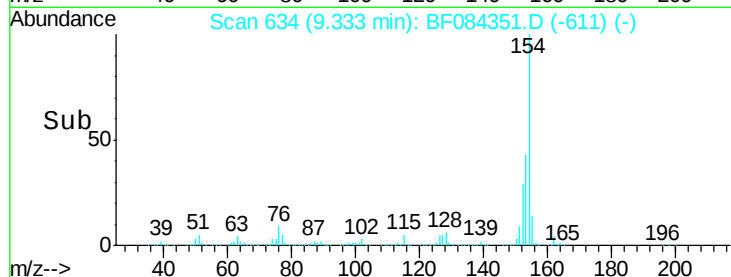
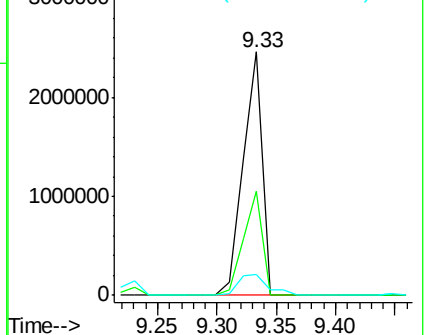
76 8.7 0.0 32.7



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: 40.24 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

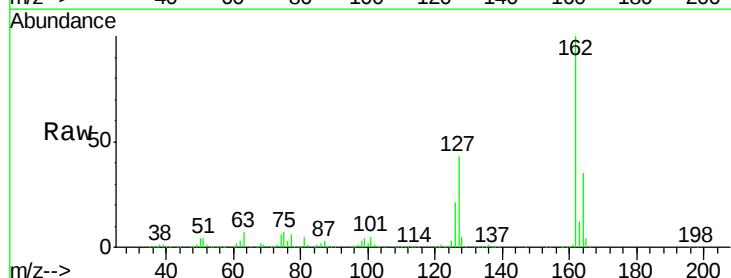
Tgt Ion:162 Resp: 2060216

Ion Ratio Lower Upper

162 100

127 43.2 40.2 60.4

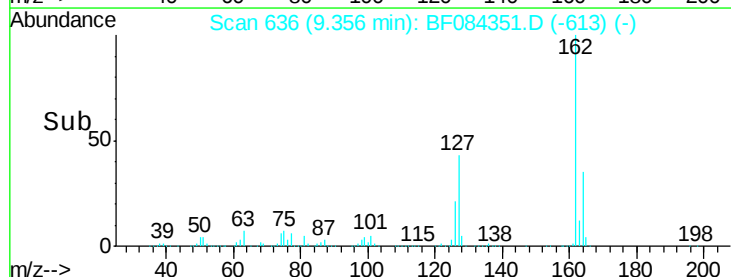
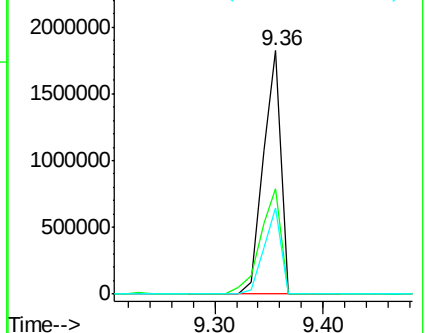
164 35.4 25.7 38.5

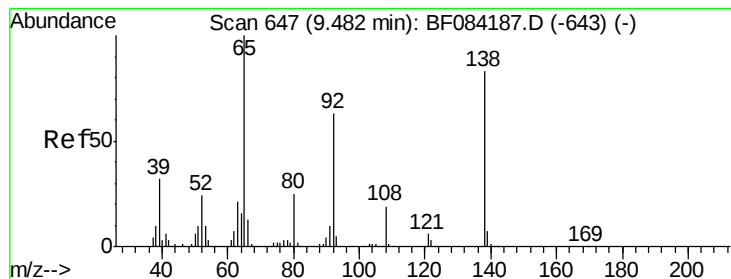


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.99 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

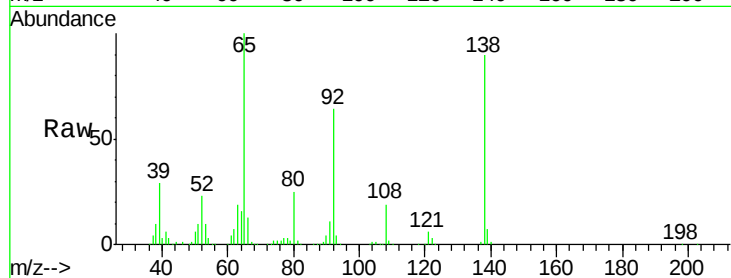
Tot Ion: 65 Resp: 692600

Ion Ratio Lower Upper

65 100

92 63.5 53.4 80.2

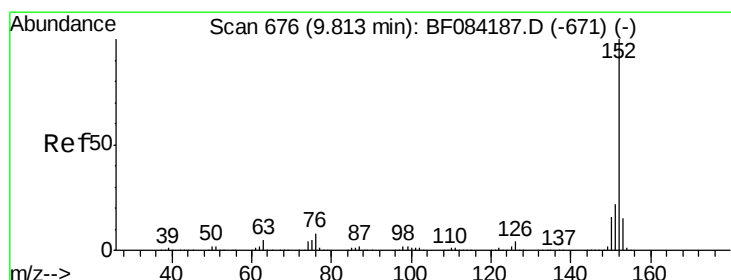
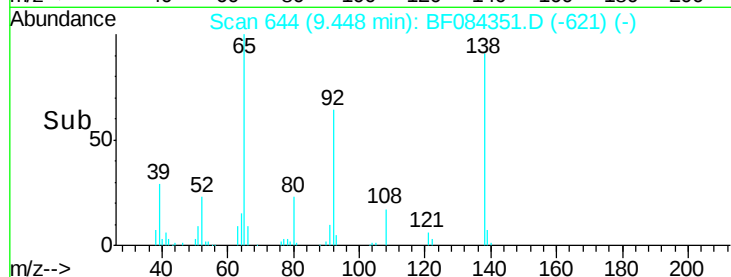
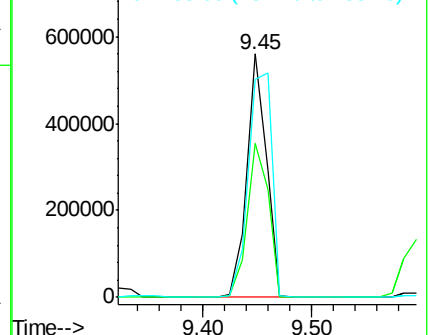
138 89.7 71.1 106.7



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: 35.92 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

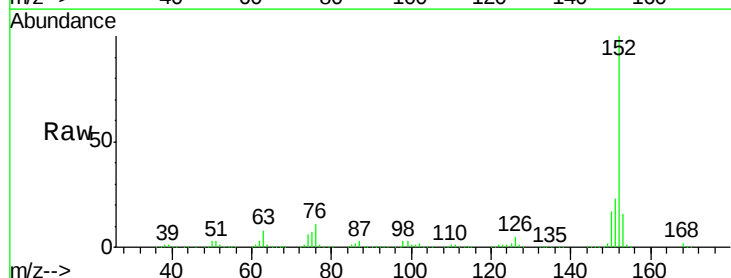
Tgt Ion: 152 Resp: 2716586

Ion Ratio Lower Upper

152 100

151 22.9 16.3 24.5

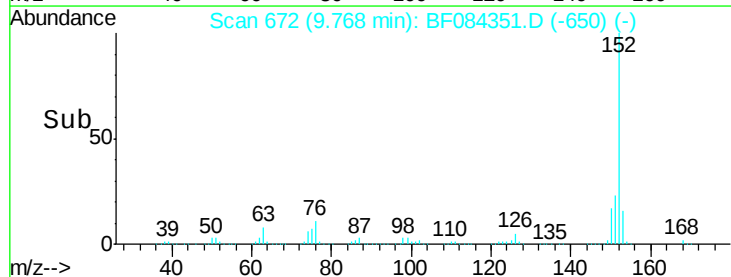
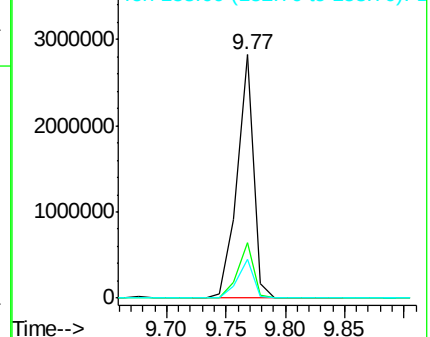
153 16.0 10.4 15.6#

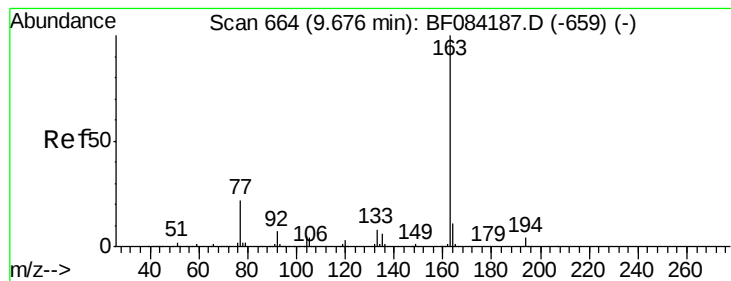


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.97 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

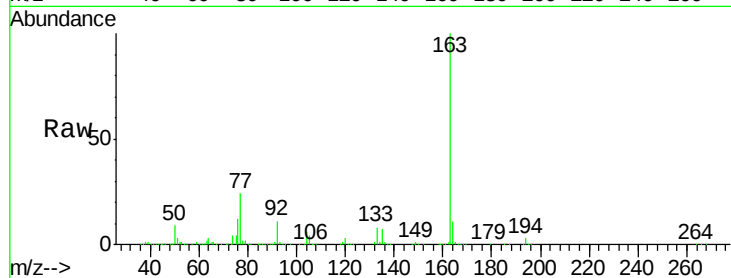
Tot Ion:163 Resp: 2401704

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

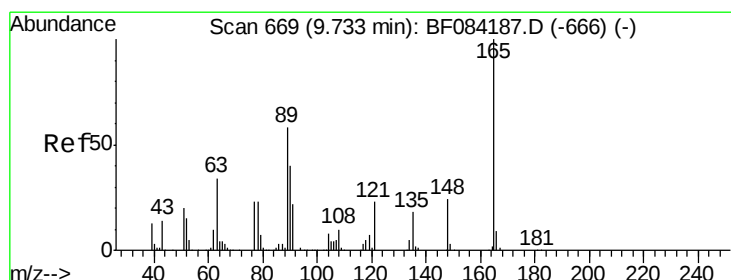
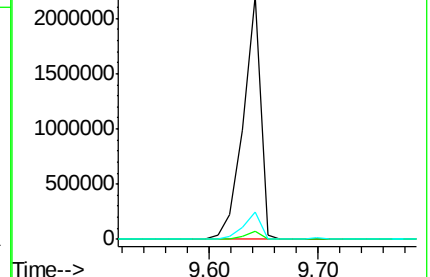
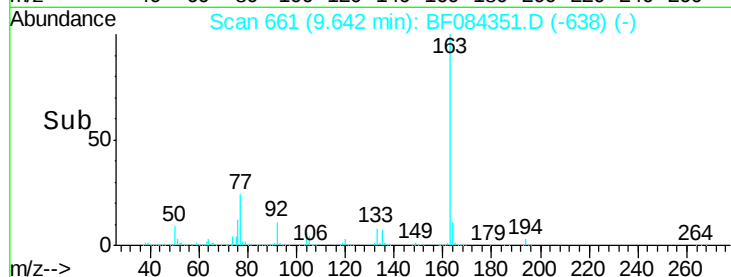
164 11.0 8.0 12.0



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: 43.69 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

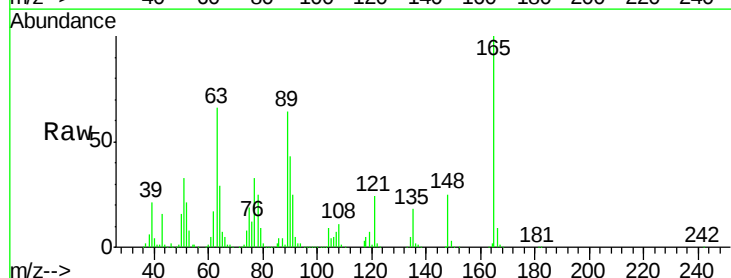
Tgt Ion:165 Resp: 561736

Ion Ratio Lower Upper

165 100

63 65.6 28.8 43.2#

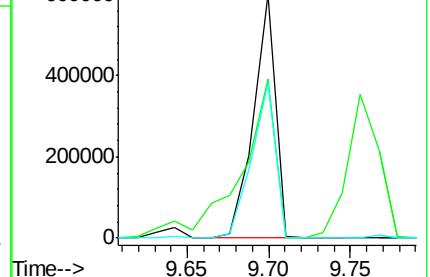
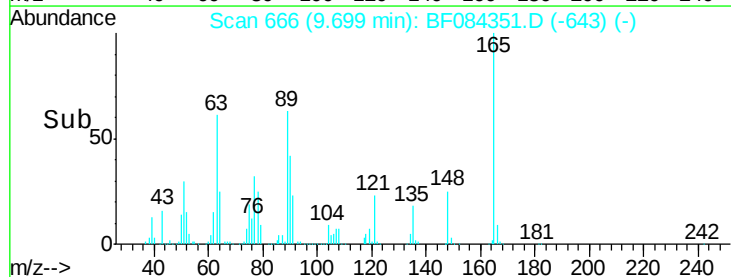
89 63.6 35.1 52.7#

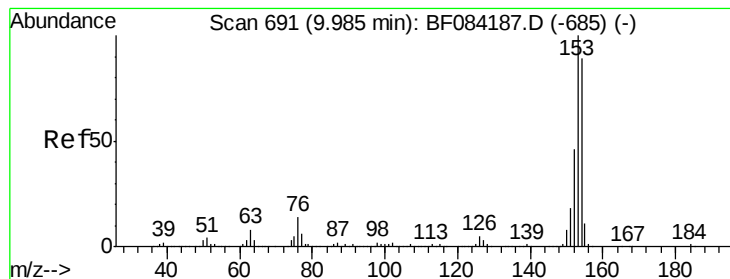


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.62 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

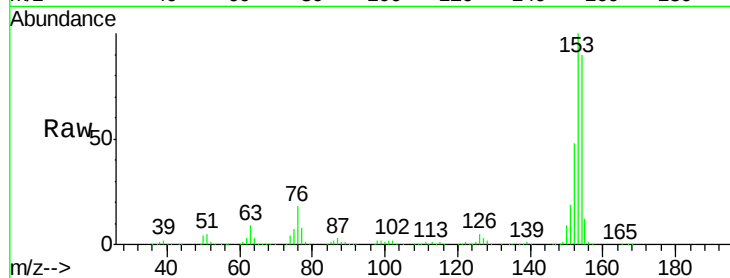
Tot Ion:154 Resp: 1807324

Ion Ratio Lower Upper

154 100

153 111.7 91.5 137.3

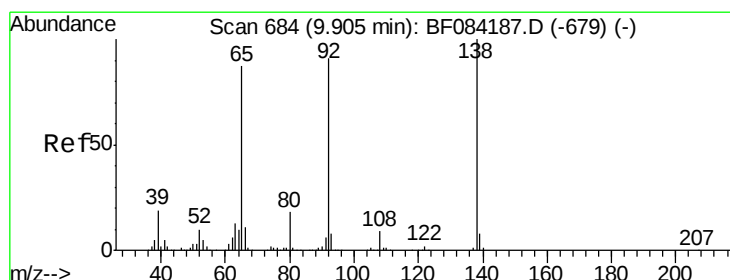
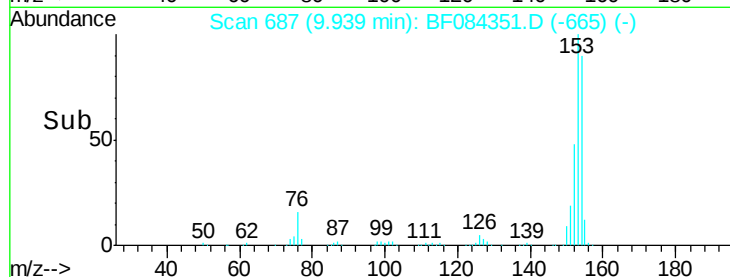
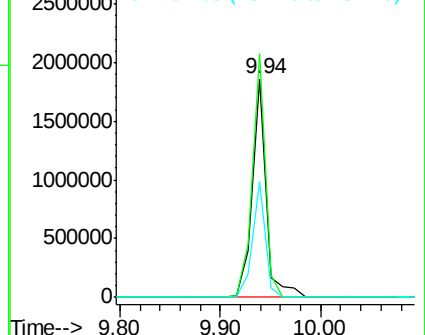
152 53.1 43.0 64.6



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: 38.28 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

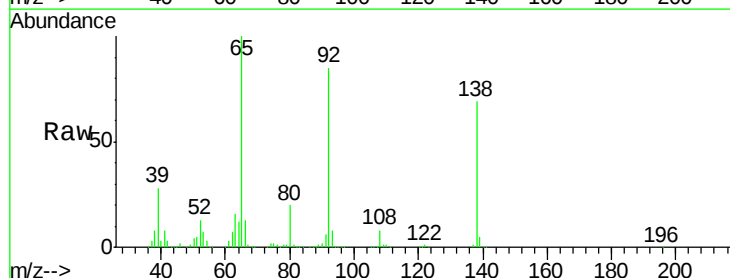
Tgt Ion:138 Resp: 609848

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

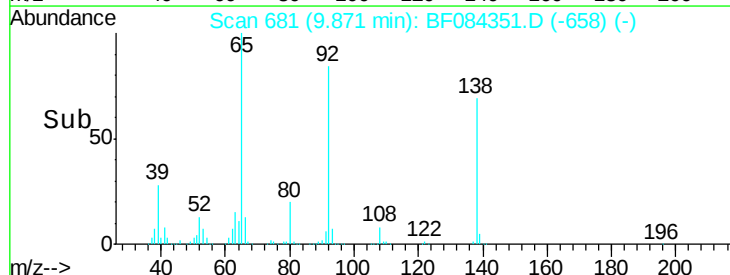
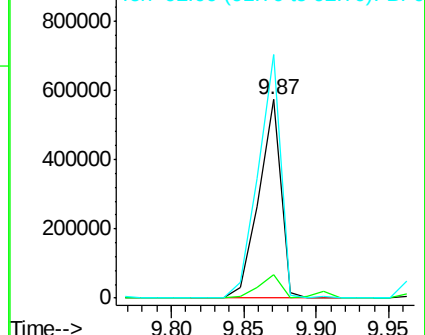
92 122.6 103.9 155.9



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

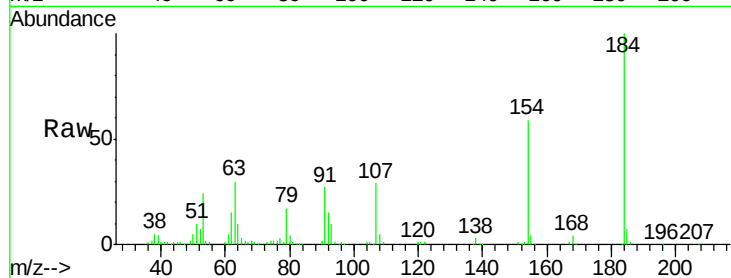




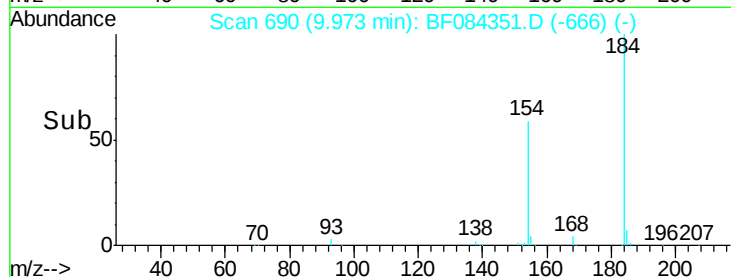
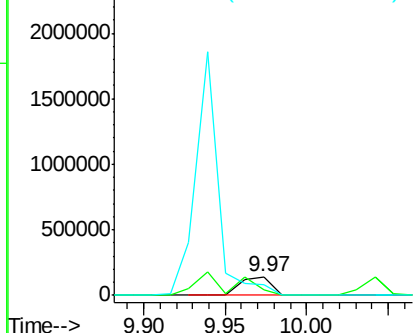
#53
2,4-Dinitrophenol
Concen: 37.08 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 192185
Ion Ratio Lower Upper
184 100
63 30.0 43.1 64.7#
154 58.7 60.5 90.7#

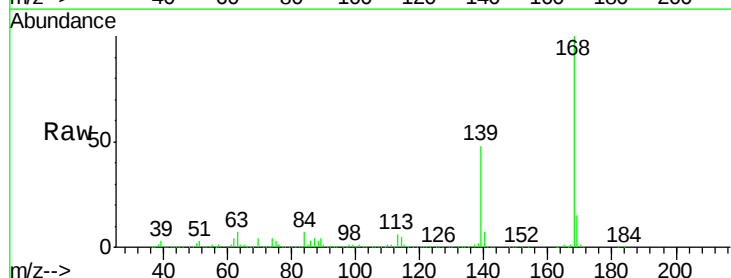


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

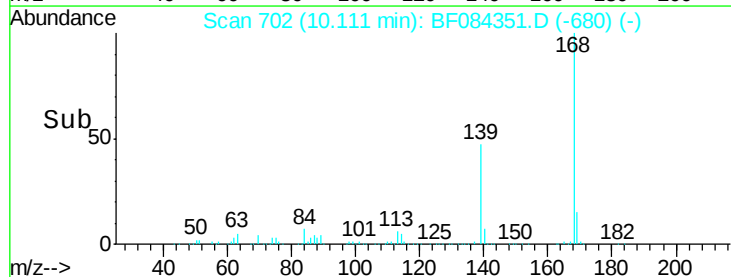
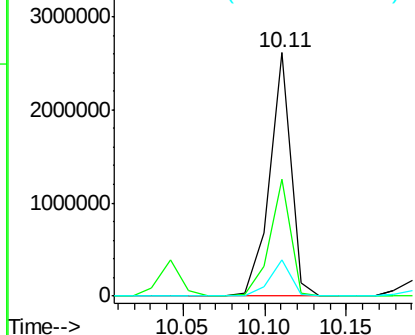


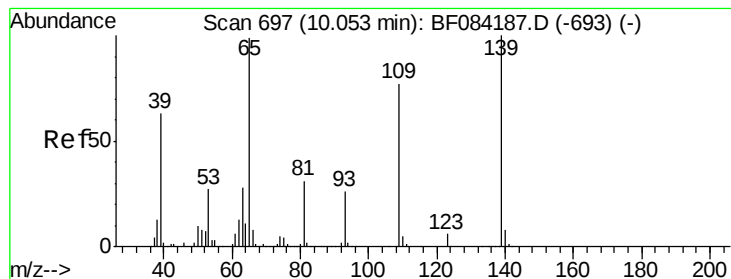
#54
Dibenzofuran
Concen: 35.64 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion:168 Resp: 2382664
Ion Ratio Lower Upper
168 100
139 48.0 30.5 45.7#
169 15.1 10.4 15.6



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: 32.72 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

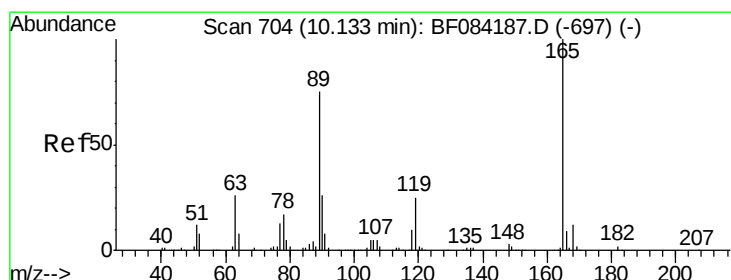
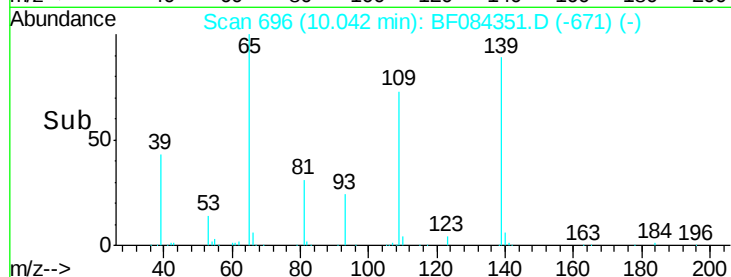
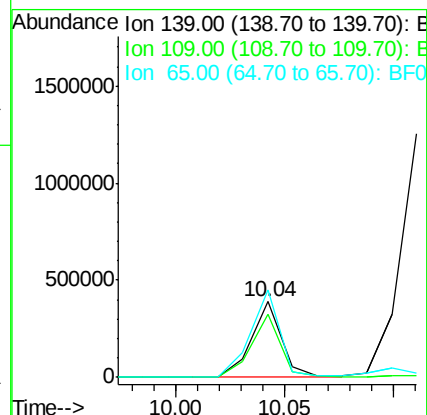
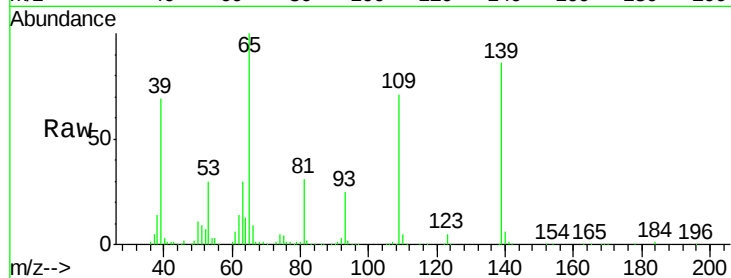
Tot Ion:139 Resp: 378378

Ion Ratio Lower Upper

139 100

109 83.1 58.5 98.5

65 116.3 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 38.48 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Tgt Ion:165 Resp: 626271

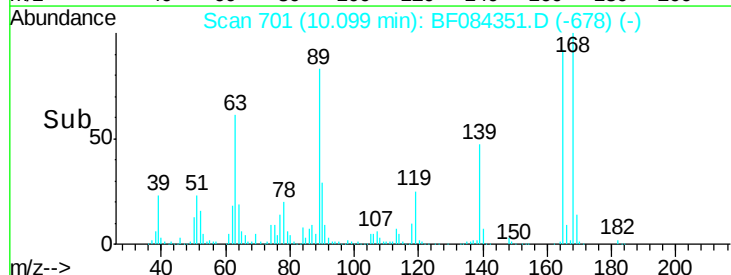
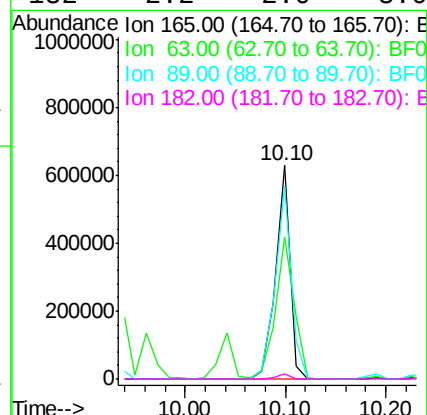
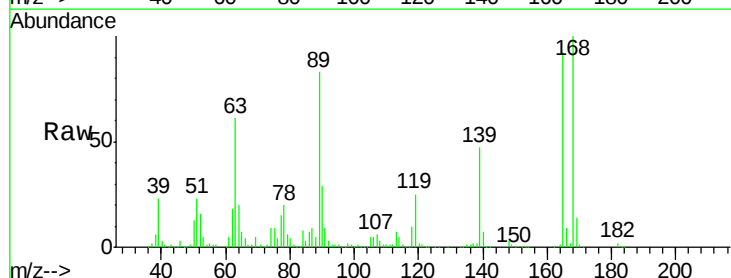
Ion Ratio Lower Upper

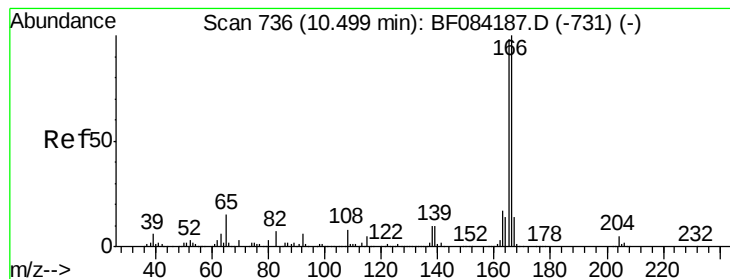
165 100

63 66.4 36.7 55.1#

89 90.6 61.9 92.9

182 2.2 2.0 3.0





#57

Fluorene

Concen: 37.95 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

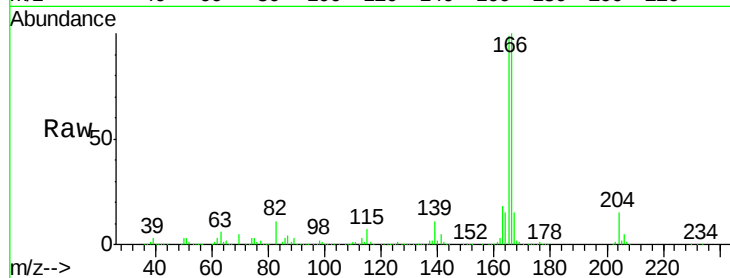
Tot Ion:166 Resp: 1947000

Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

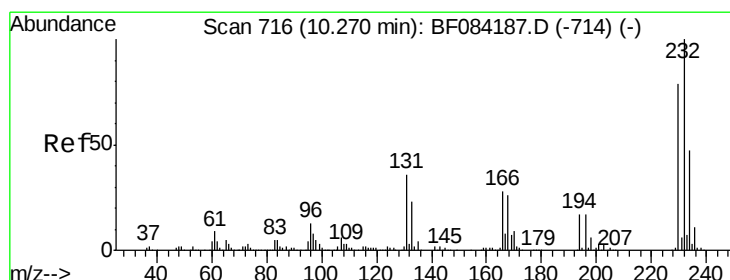
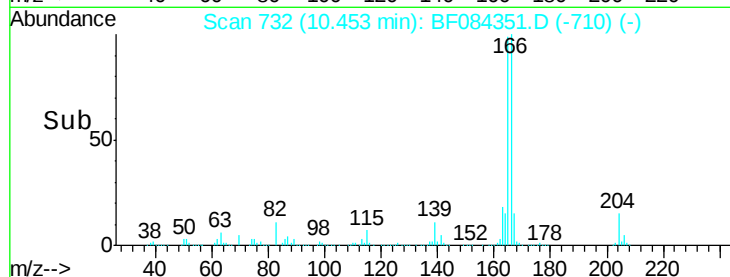
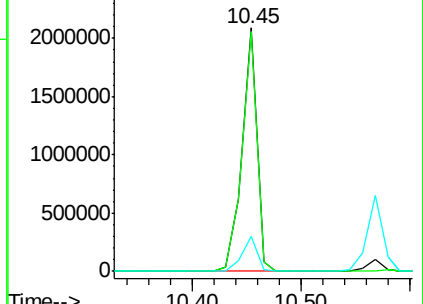
167 14.6 10.4 15.6



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: 41.29 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Tgt Ion:232 Resp: 596051

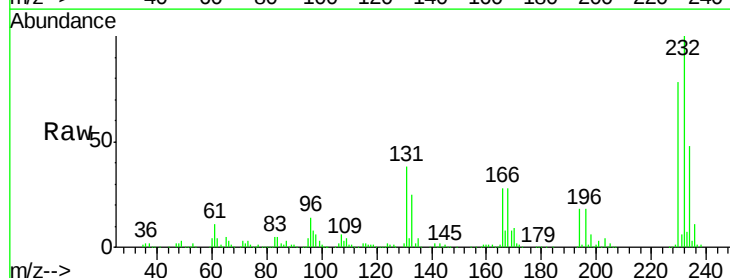
Ion Ratio Lower Upper

232 100

131 50.7 47.0 70.6

130 2.5 2.0 3.0

166 33.4 30.5 45.7

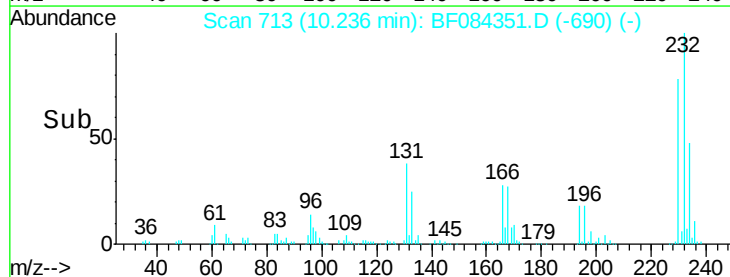
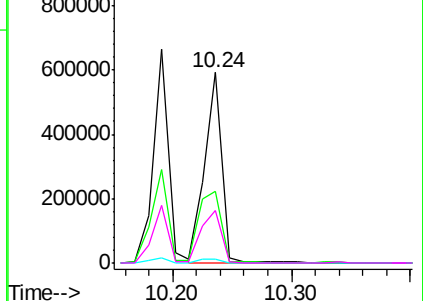


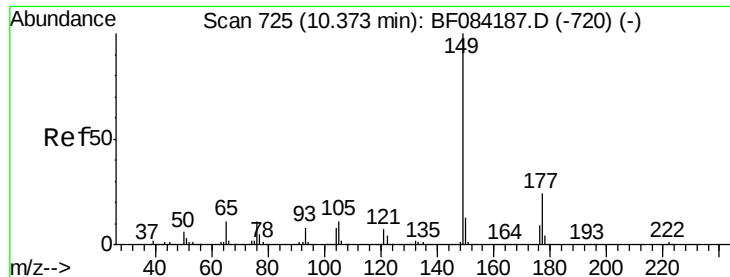
Abundance Ion 232.00 (231.70 to 232.70): E

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

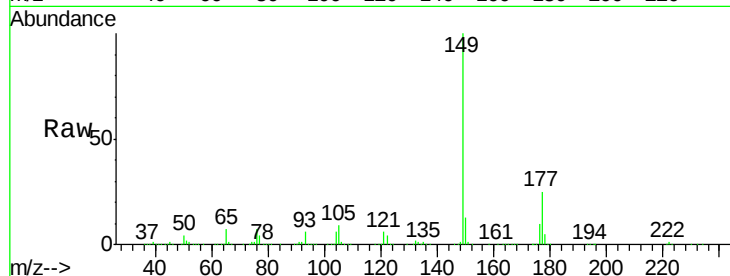




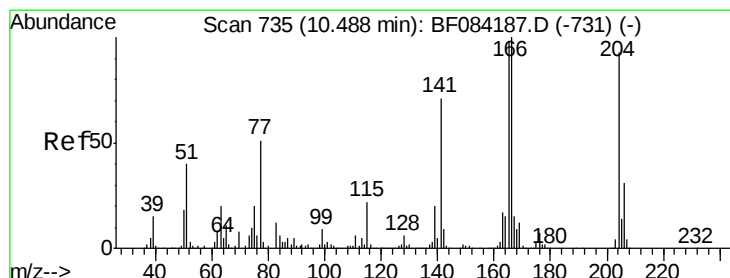
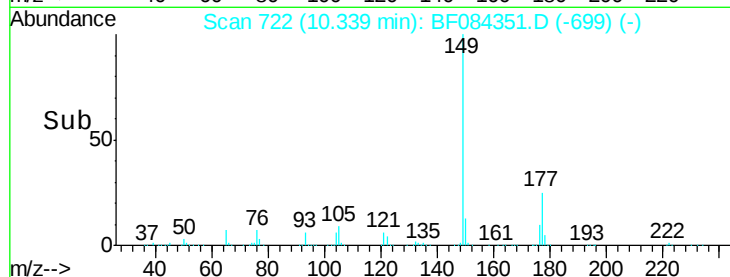
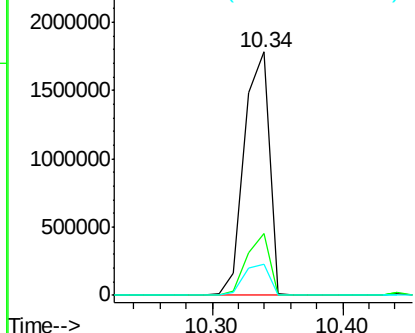
#59
Diethylphthalate
Concen: 41.04 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 2372098
Ion Ratio Lower Upper
149 100
177 25.3 17.3 25.9
150 12.9 9.8 14.8

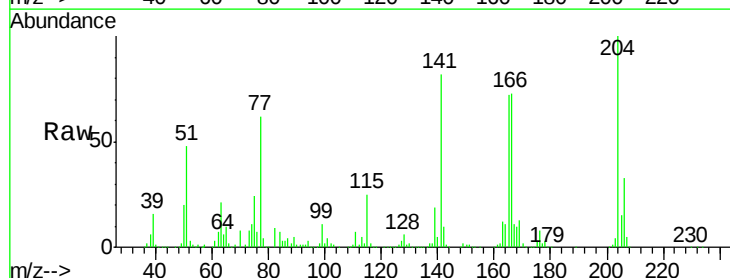


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

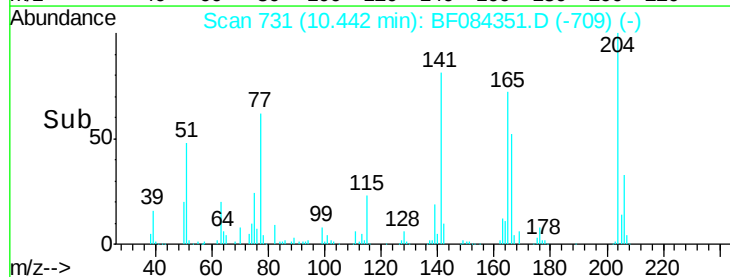
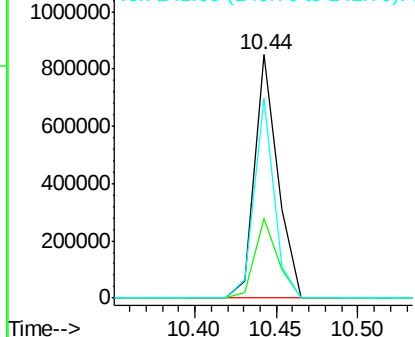


#60
4-Chlorophenyl-phenylether
Concen: 37.64 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.04 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion:204 Resp: 834738
Ion Ratio Lower Upper
204 100
206 33.0 25.7 38.5
141 82.2 55.1 82.7



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

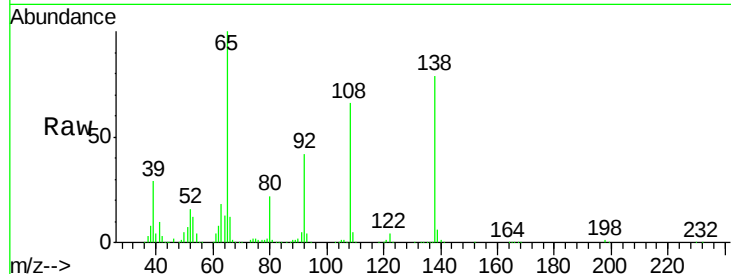




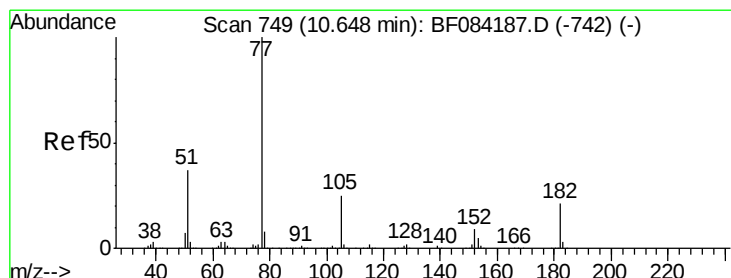
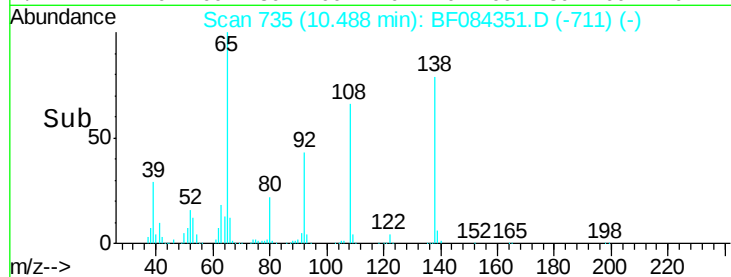
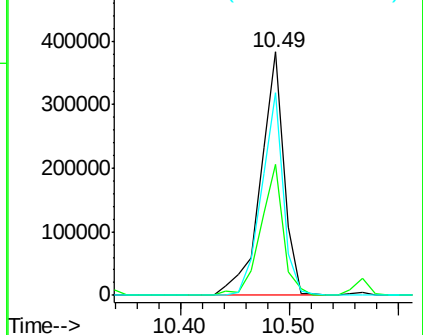
#61
4-Nitroaniline
Concen: 40.49 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 575003
Ion Ratio Lower Upper
138 100
92 53.6 32.6 72.6
108 83.5 68.6 108.6

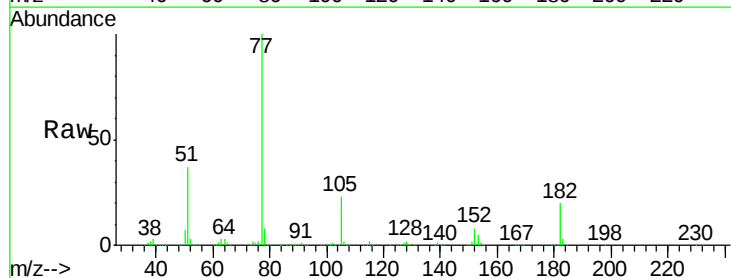


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

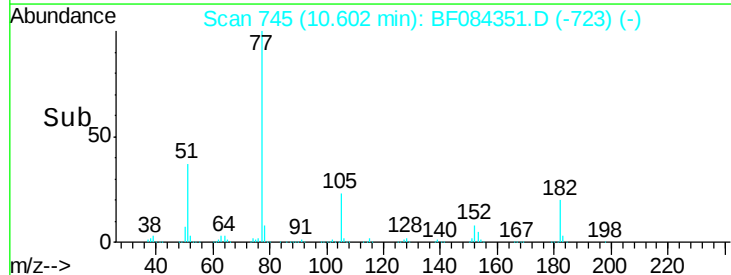
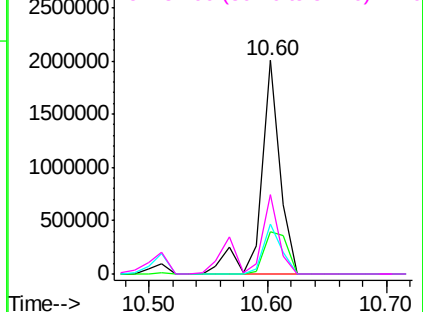


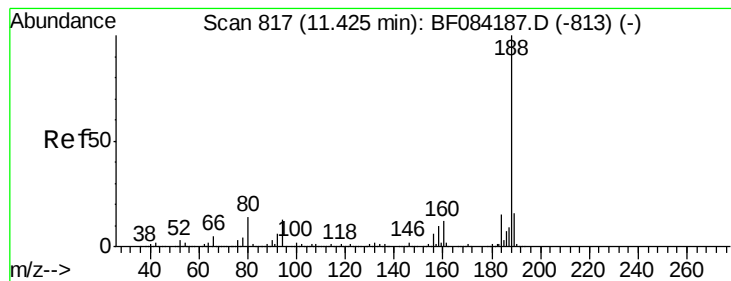
#62
Azobenzene
Concen: 35.30 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion: 77 Resp: 2237665
Ion Ratio Lower Upper
77 100
182 19.5 8.3 48.3
105 23.4 4.6 44.6
51 37.1 6.2 46.2



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: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

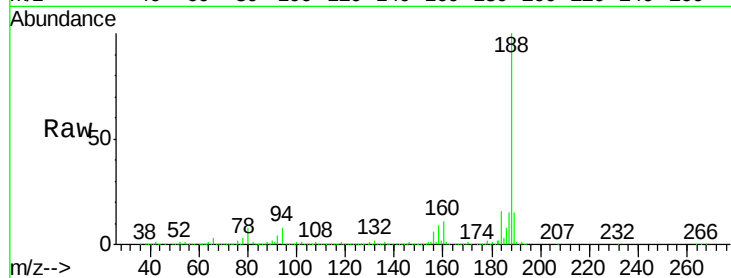
Tot Ion:188 Resp: 1558414

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.4#

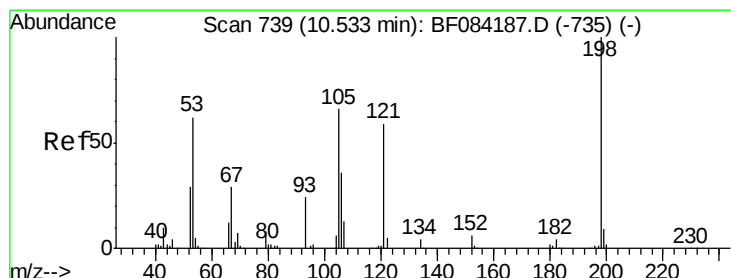
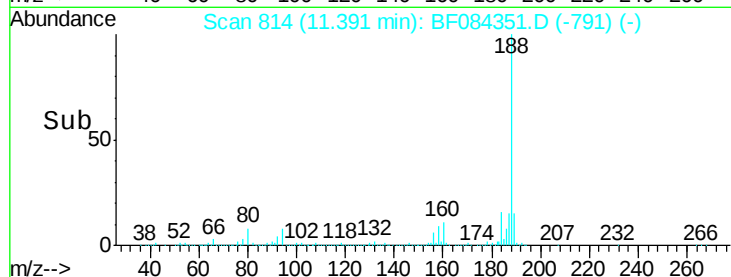
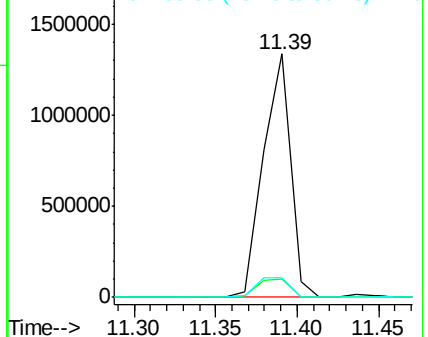
80 8.1 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.79 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

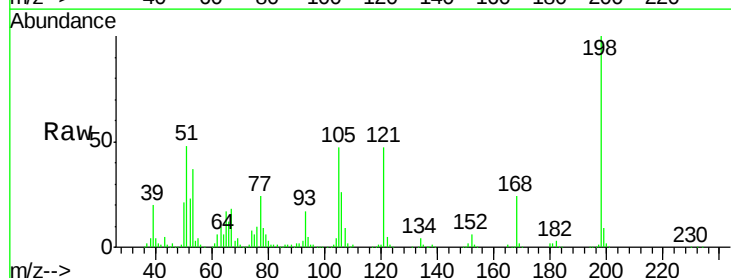
Tgt Ion:198 Resp: 359653

Ion Ratio Lower Upper

198 100

51 48.4 18.9 58.9

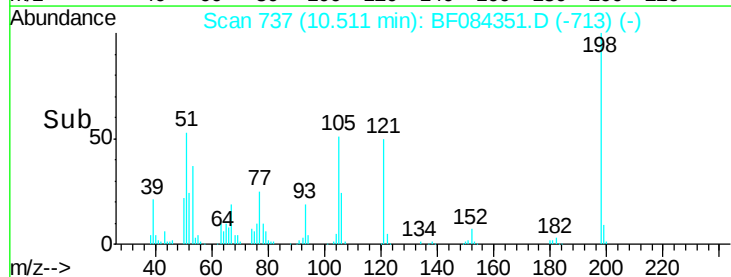
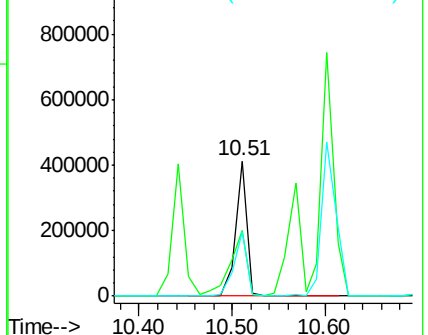
105 47.3 26.4 66.4

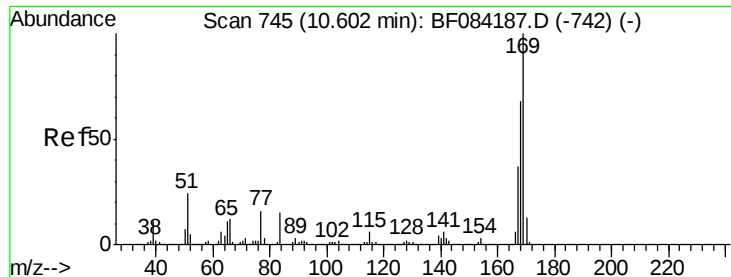


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.37 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

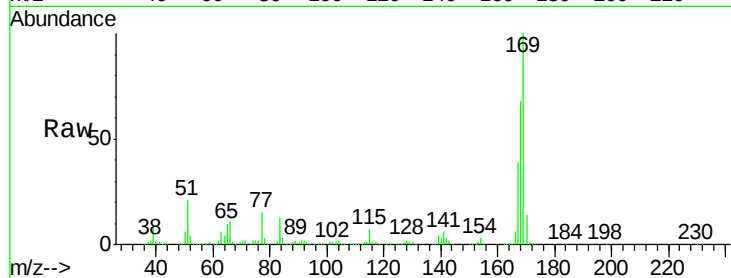
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1662797

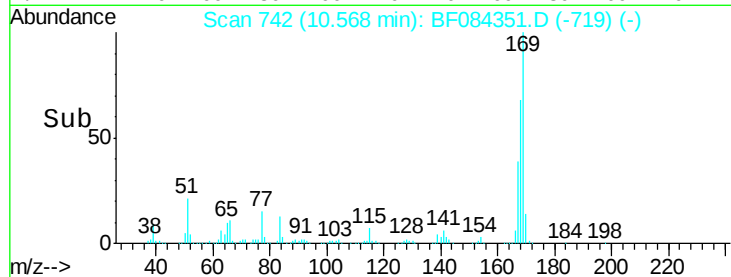
Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.1	82.7
167	39.2	30.0	45.0



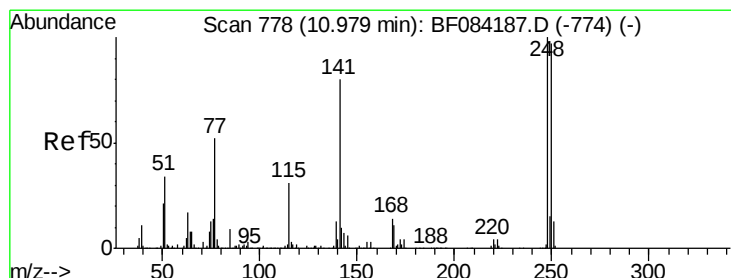
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 35.03 ng

RT: 10.93 min Scan# 774

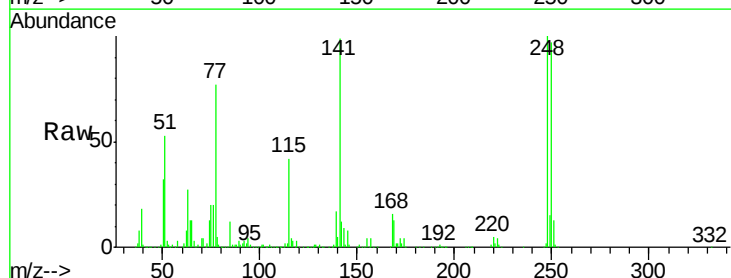
Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Tgt Ion:248 Resp: 587542

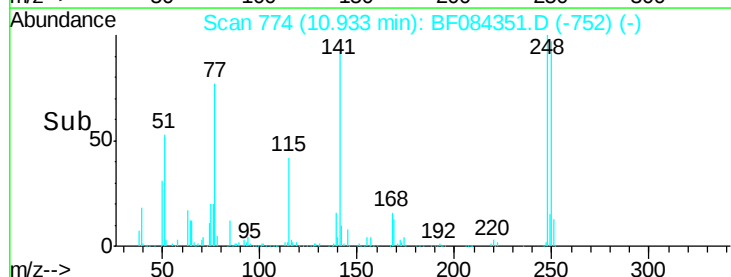
Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	98.8	44.0	66.0#



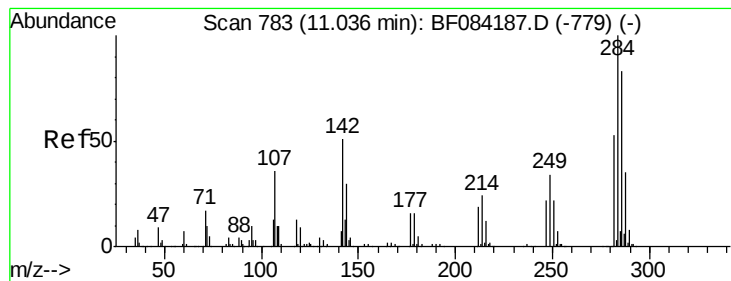
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#67

Hexachlorobenzene

Concen: 40.19 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

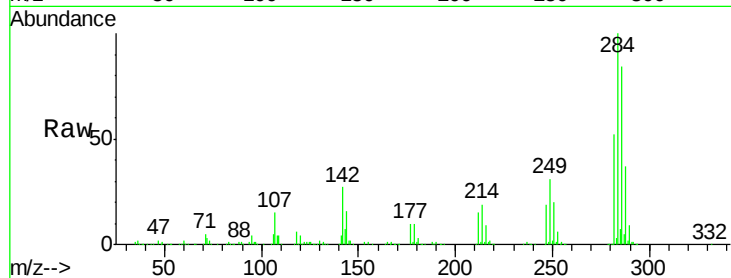
Tot Ion:284 Resp: 758695

Ion Ratio Lower Upper

284 100

142 26.8 22.2 33.4

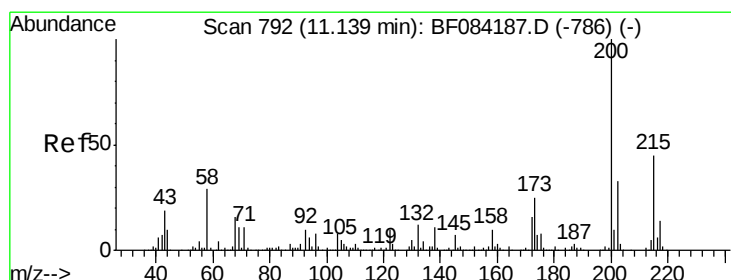
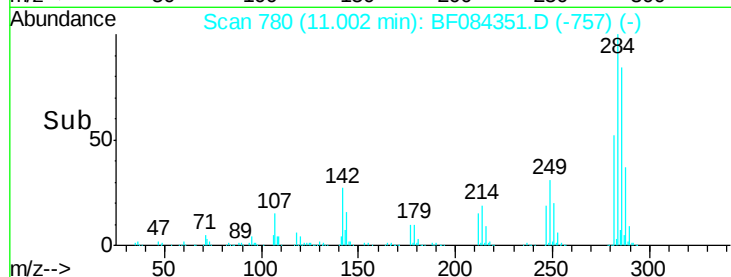
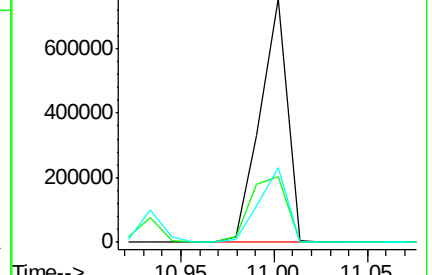
249 30.7 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.73 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

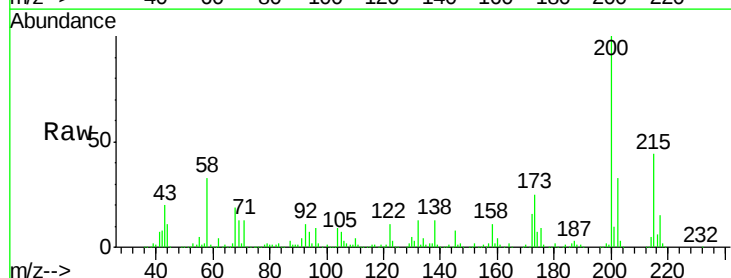
Tgt Ion:200 Resp: 696660

Ion Ratio Lower Upper

200 100

173 25.2 9.5 49.5

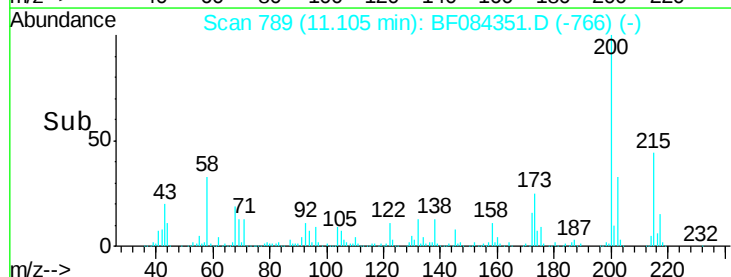
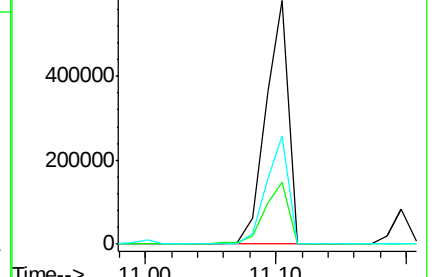
215 44.2 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 36.93 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

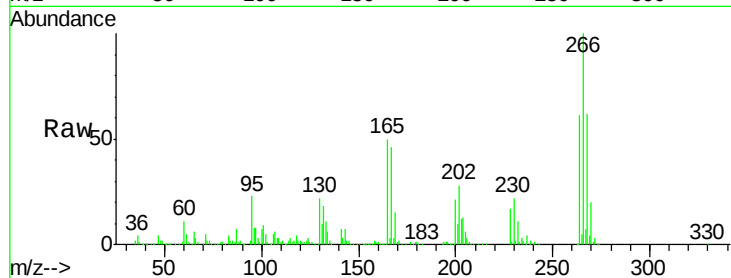
Tot Ion:266 Resp: 361473

Ion Ratio Lower Upper

266 100

268 62.3 52.4 78.6

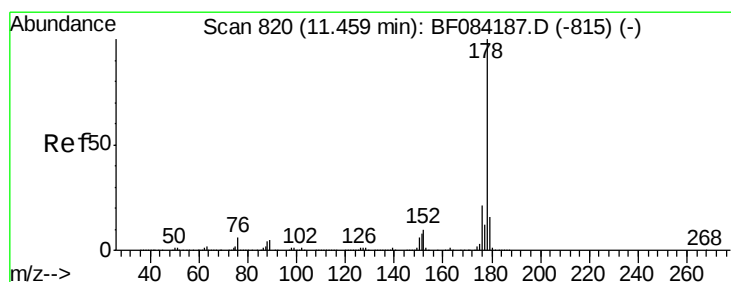
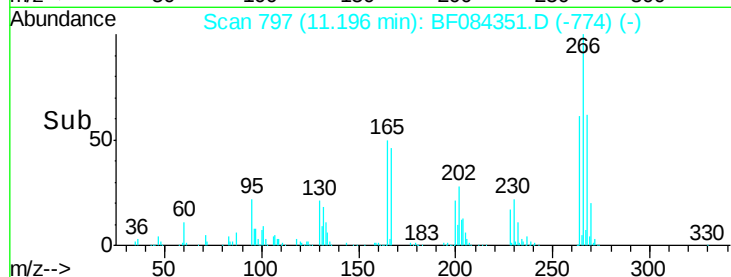
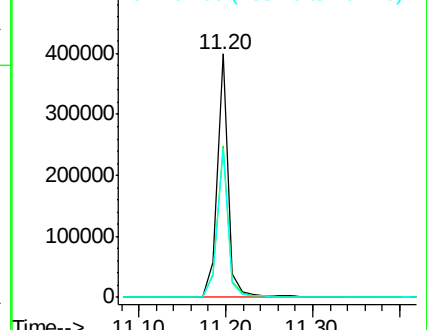
264 61.0 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 33.91 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

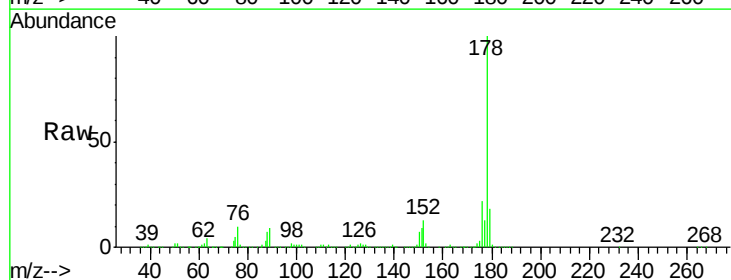
Tgt Ion:178 Resp: 2763887

Ion Ratio Lower Upper

178 100

176 22.1 15.3 22.9

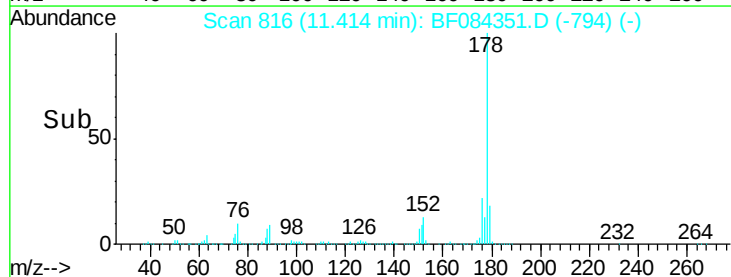
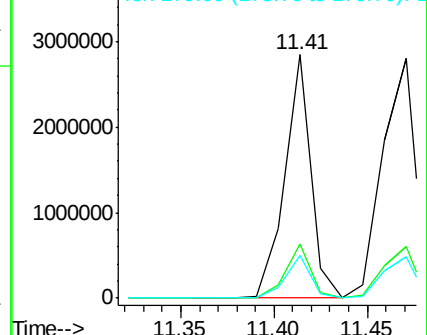
179 17.7 12.0 18.0

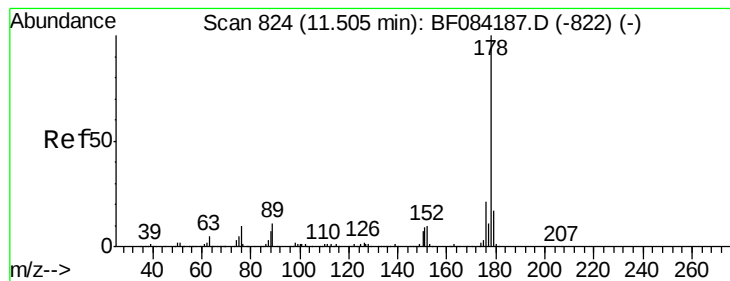


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.61 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

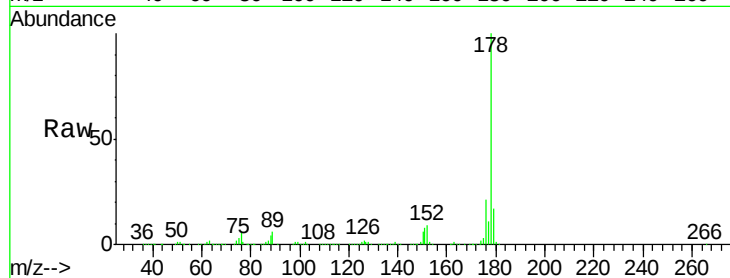
Tot Ion:178 Resp: 3325376

Ion Ratio Lower Upper

178 100

176 21.4 15.4 23.0

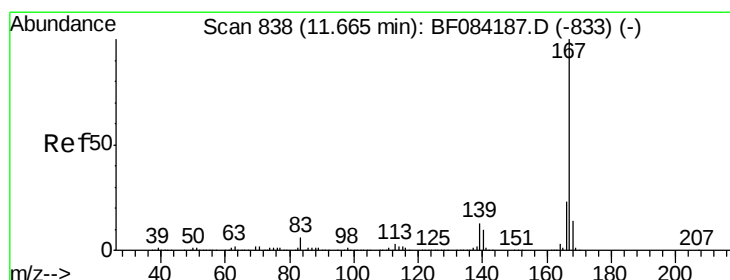
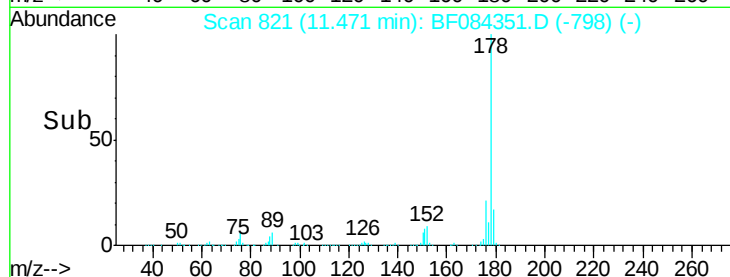
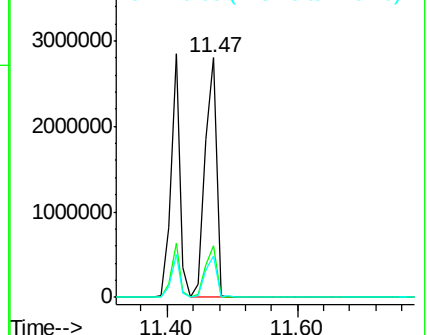
179 17.3 12.5 18.7



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: 34.98 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

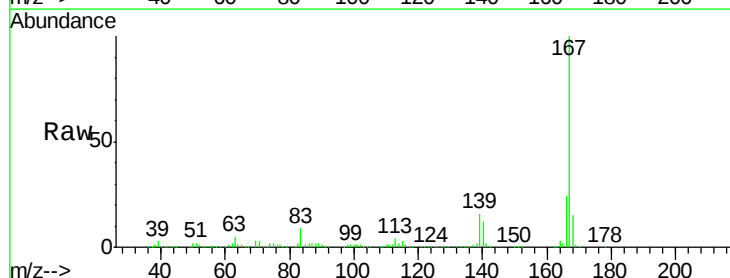
Tgt Ion:167 Resp: 2732780

Ion Ratio Lower Upper

167 100

166 23.6 17.6 26.4

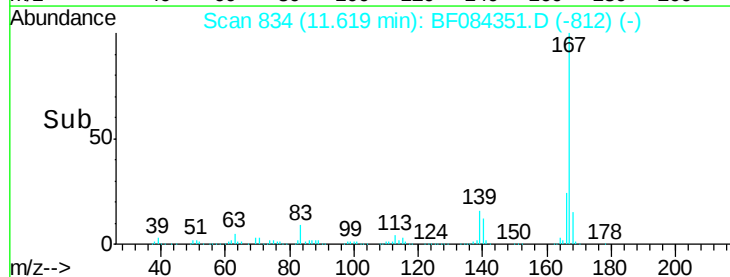
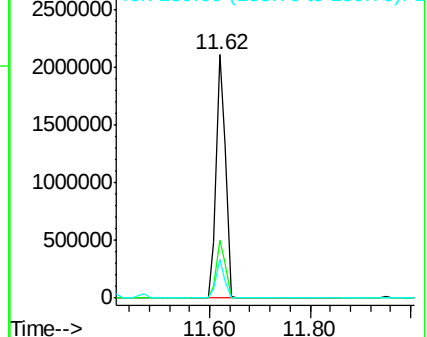
139 15.7 11.8 17.8

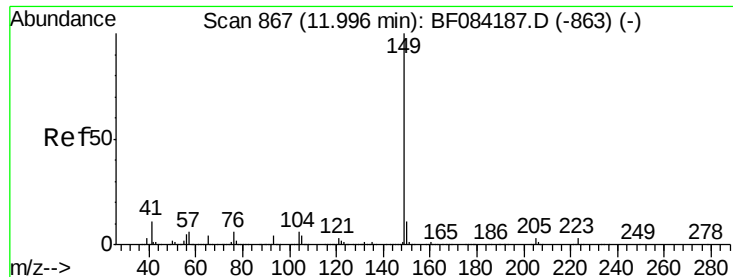


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.70 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

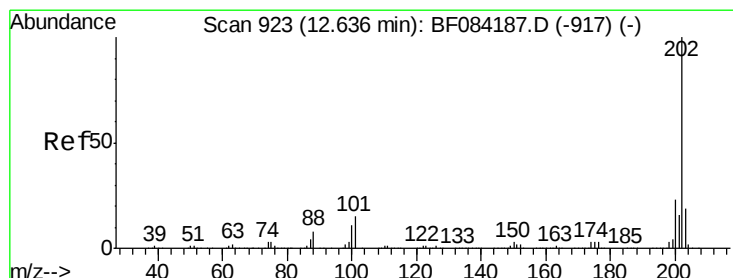
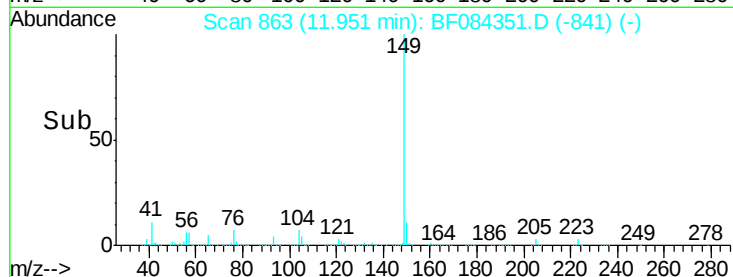
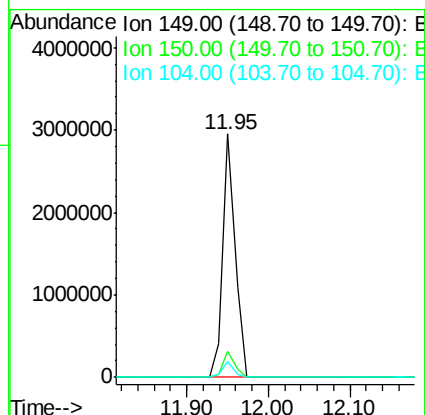
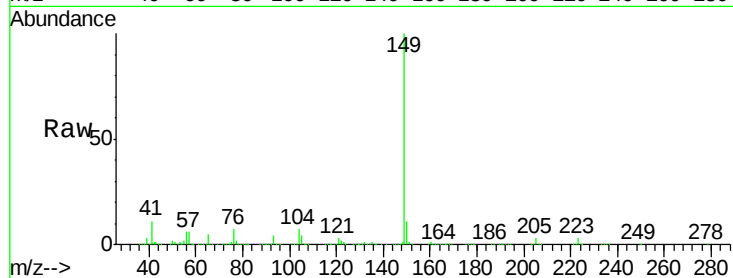
Tot Ion:149 Resp: 3065824

Ion Ratio Lower Upper

149 100

150 10.7 7.1 10.7#

104 6.7 3.2 4.8#



#74

Fluoranthene

Concen: 38.77 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

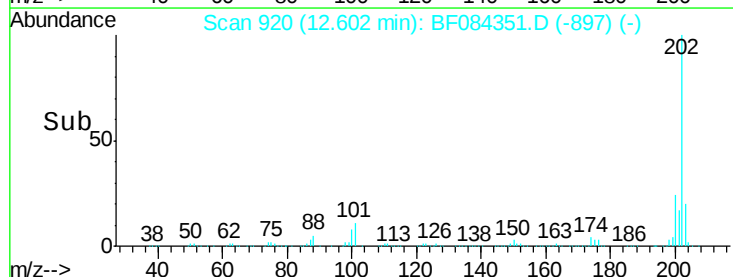
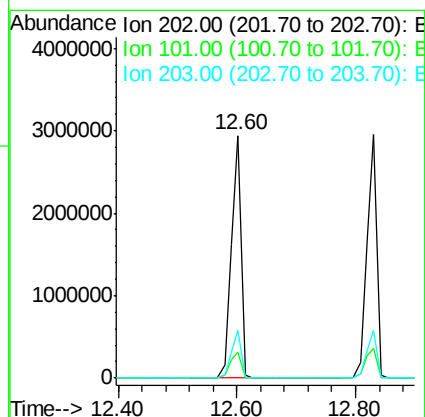
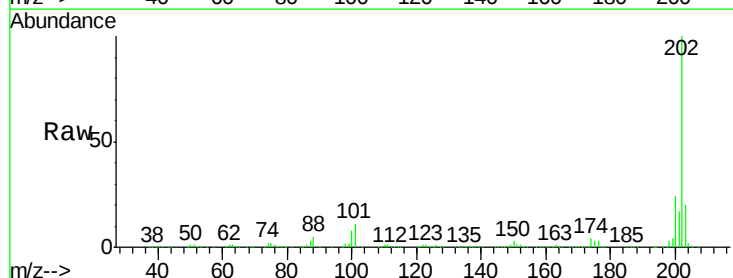
Tgt Ion:202 Resp: 3301407

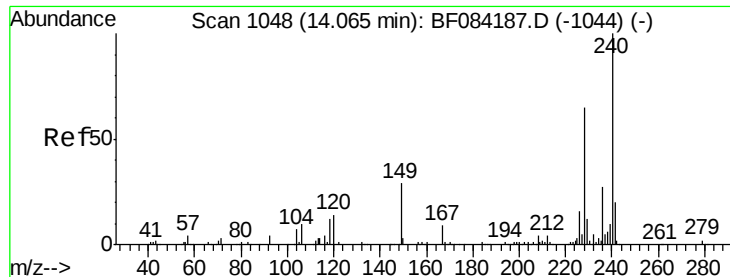
Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.8

203 19.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

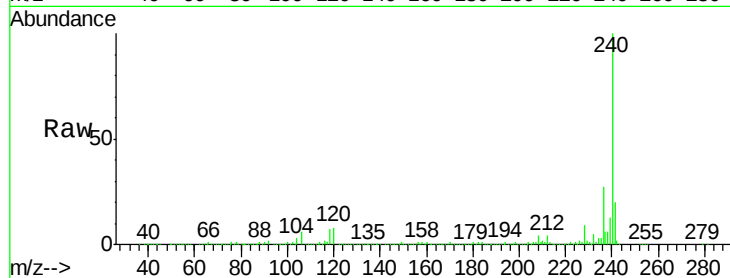
Tot Ion:240 Resp: 1216326

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

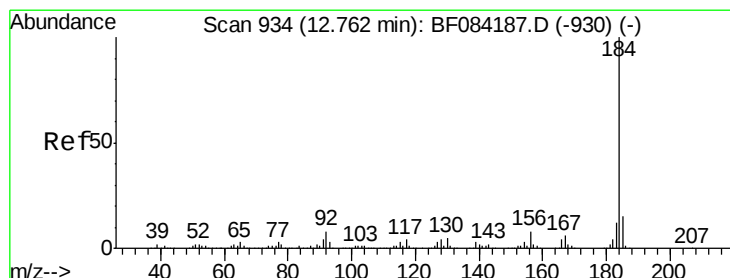
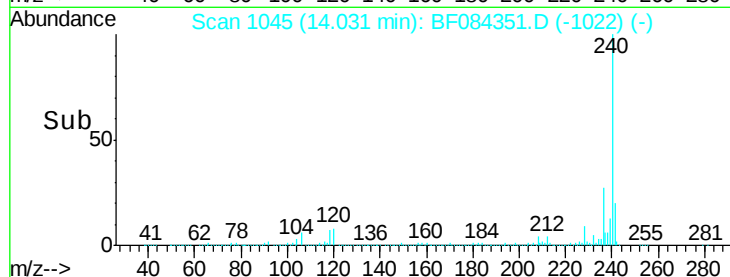
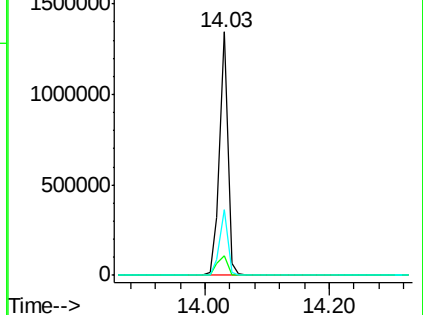
236 26.9 20.6 31.0



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: 32.87 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

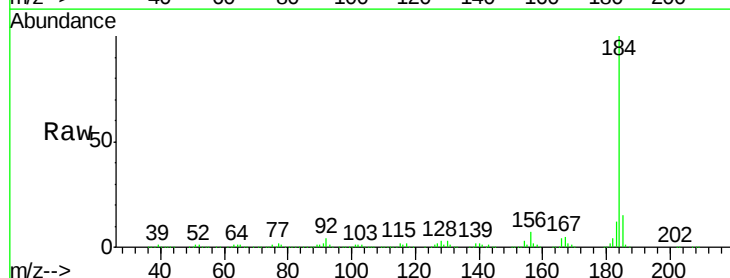
Tgt Ion:184 Resp: 1433438

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

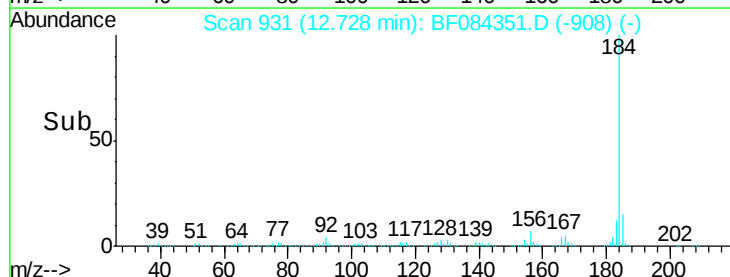
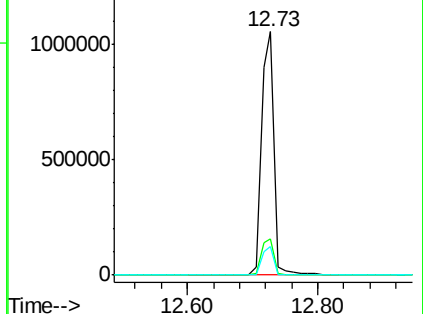
183 11.7 9.8 14.8

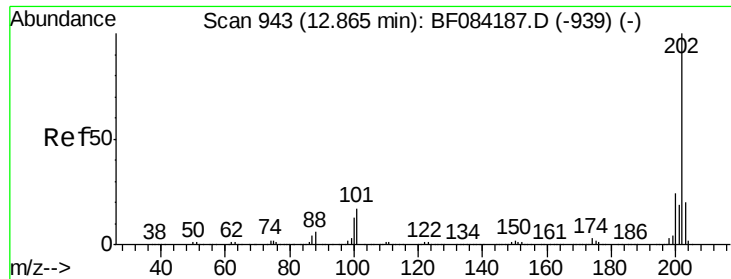


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

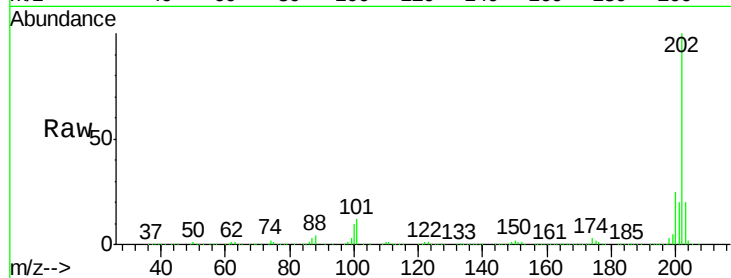




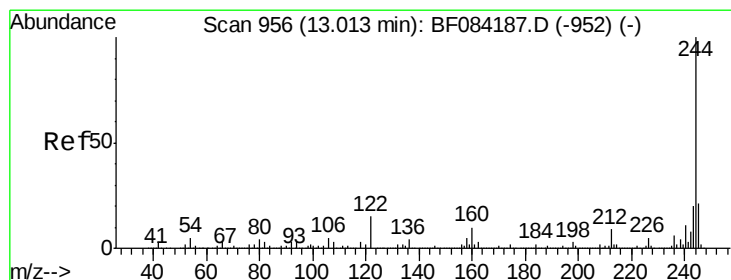
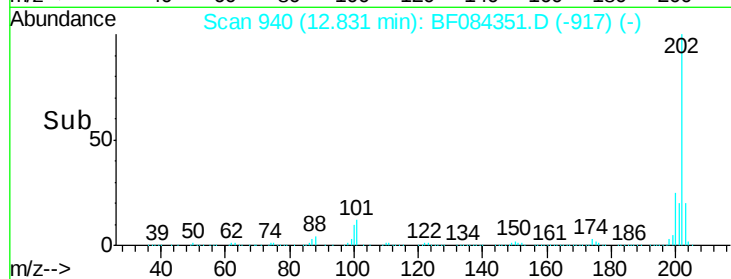
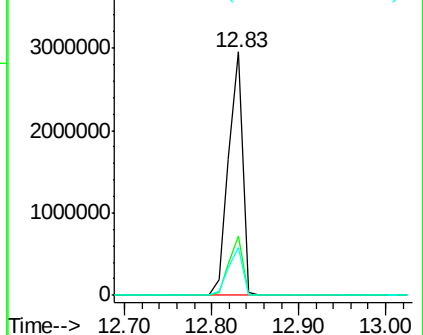
#77
Pvrene
Concen: 34.86 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 3327216
Ion Ratio Lower Upper
202 100
200 24.6 17.2 25.8
203 19.7 14.3 21.5

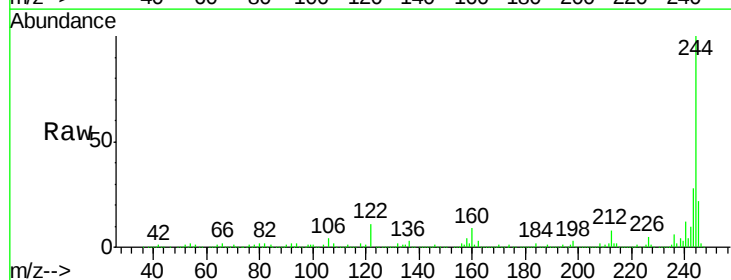


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

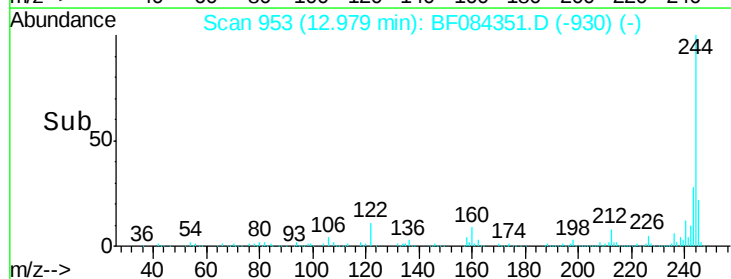
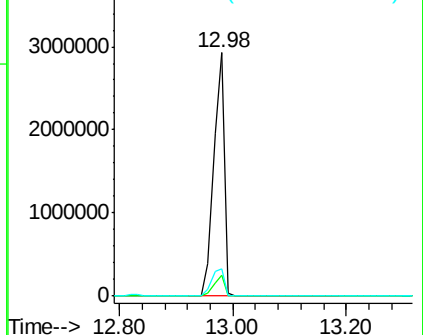


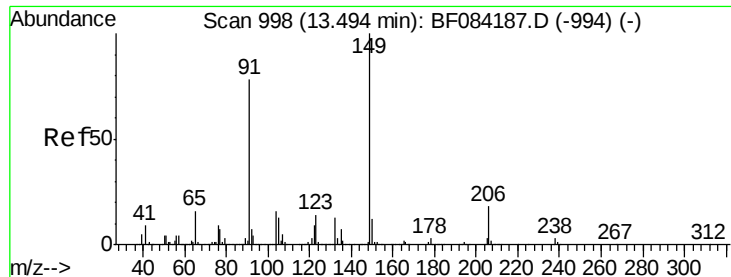
#78
Terphenyl-d14
Concen: 67.35 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion:244 Resp: 3670031
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 11.4 7.4 11.0#



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

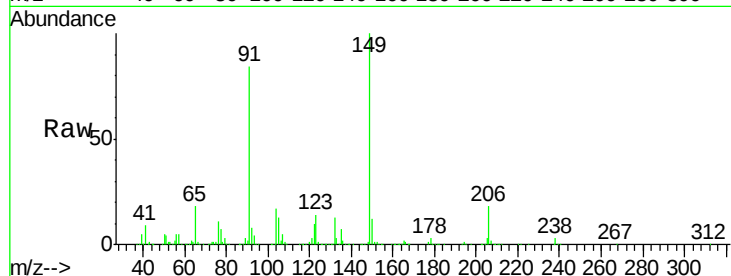




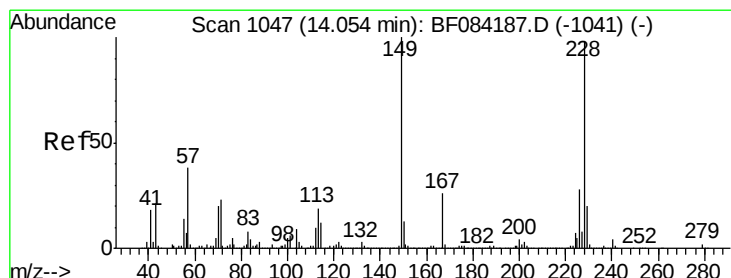
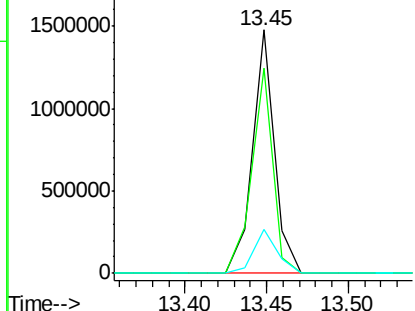
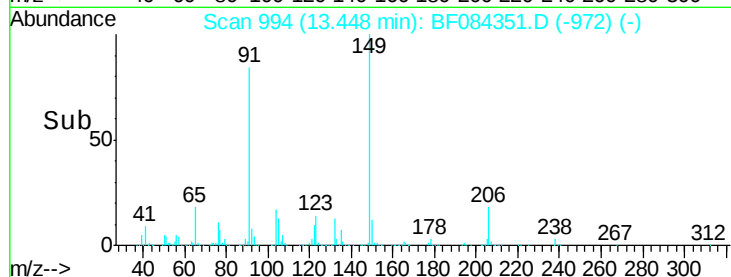
#79
 Butylbenzylphthalate
 Concen: 33.24 ng
 RT: 13.45 min Scan# 994
 Delta R.T. -0.05 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:149 Resp: 1373085
 Ion Ratio Lower Upper
 149 100
 91 84.1 57.6 86.4
 206 17.8 13.2 19.8

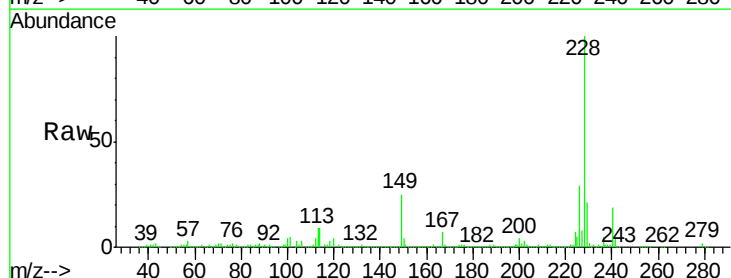


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

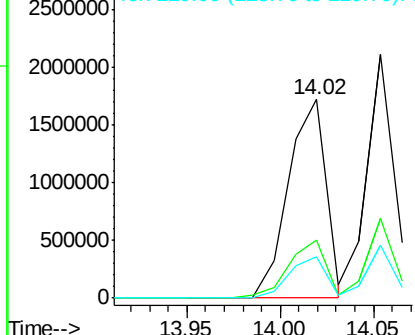
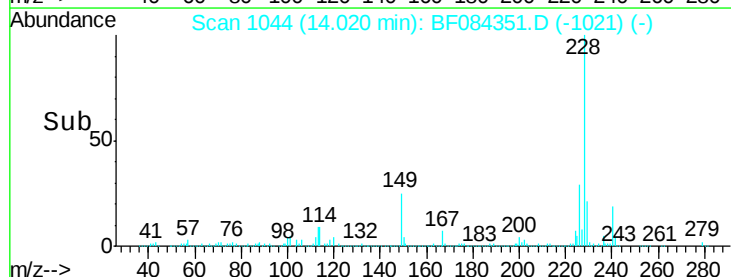


#80
 Benzo(a)anthracene
 Concen: 34.07 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Tgt Ion:228 Resp: 2433365
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.8 32.6
 229 20.7 15.8 23.8



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





#81

3,3'-Dichlorobenzidine

Concen: 36.92 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

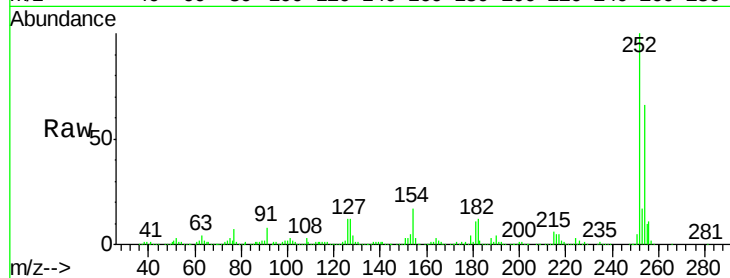
Tot Ion:252 Resp: 920343

Ion Ratio Lower Upper

252 100

254 65.8 53.5 80.3

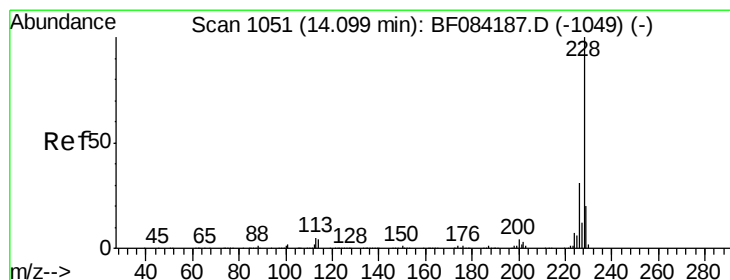
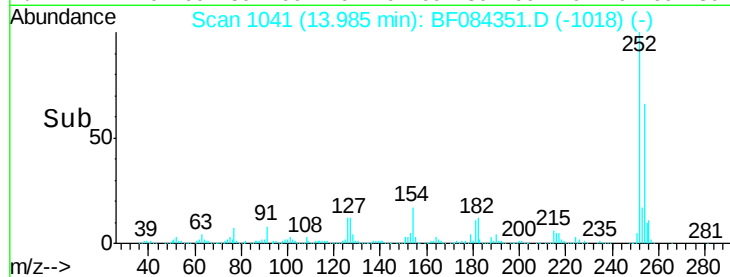
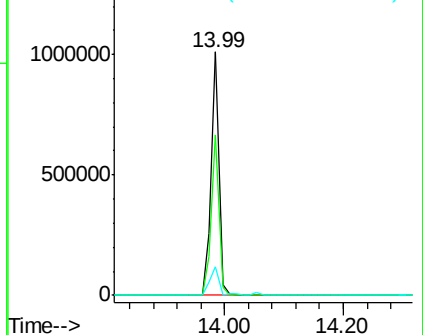
126 11.7 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 31.50 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

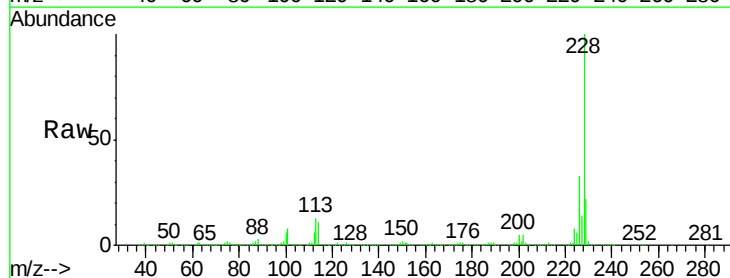
Tgt Ion:228 Resp: 2161826

Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

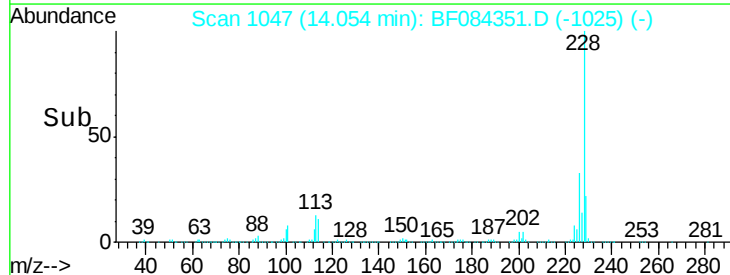
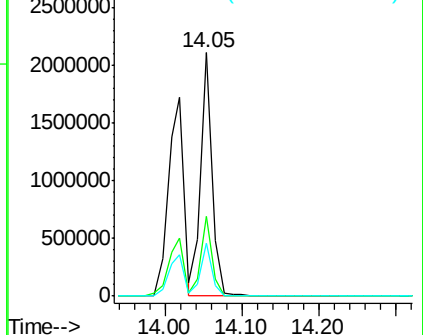
229 21.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

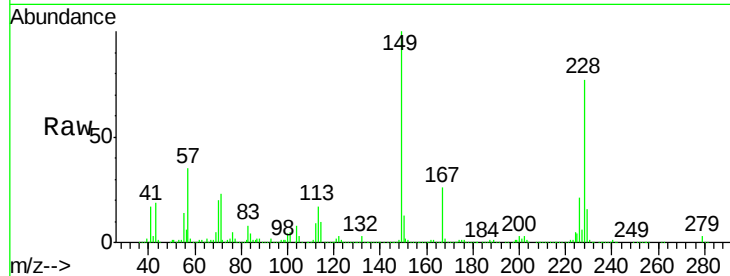




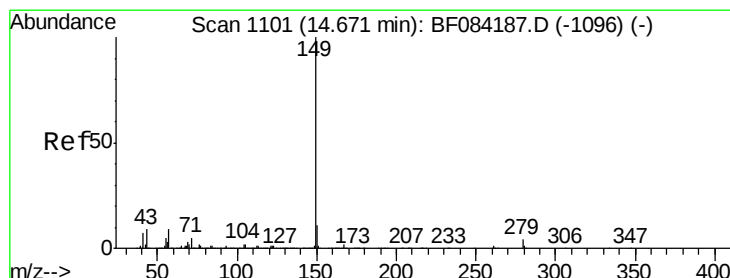
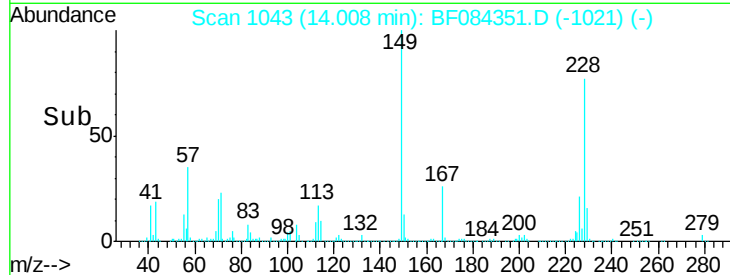
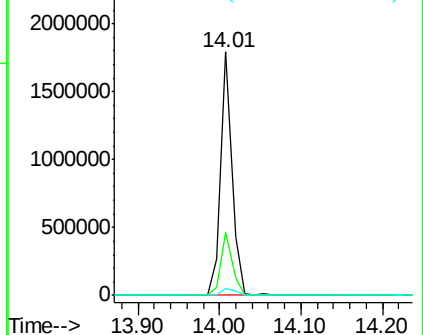
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.16 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1730341
Ion Ratio Lower Upper
149 100
167 25.9 19.7 29.5
279 2.6 1.8 2.6

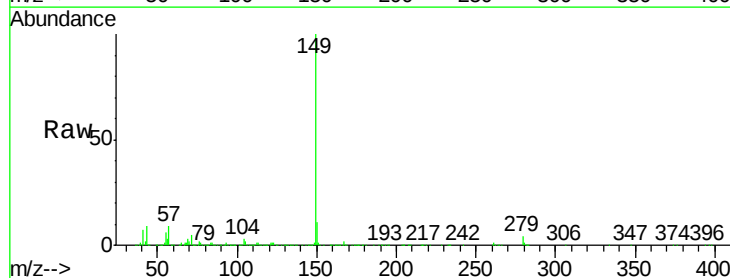


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

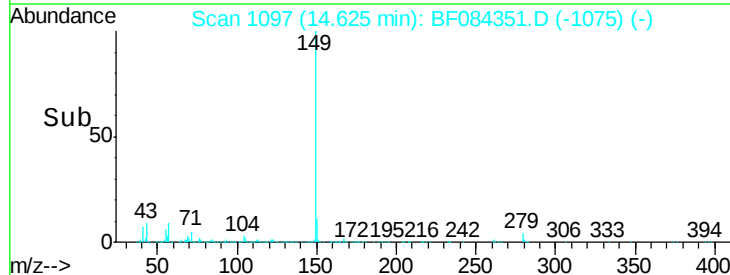
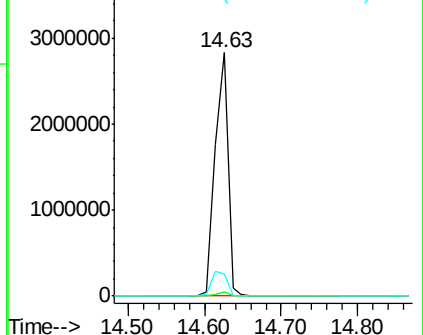


#84
Di-n-octyl phthalate
Concen: 37.23 ng
RT: 14.63 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion:149 Resp: 3280234
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.2 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

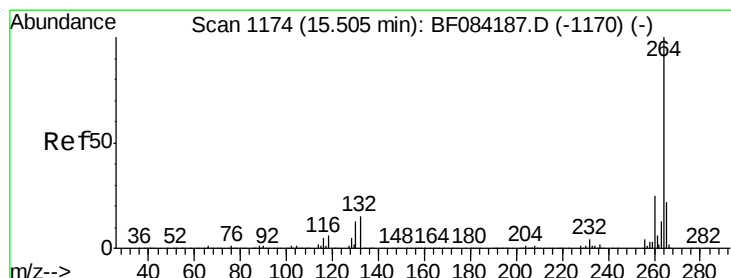
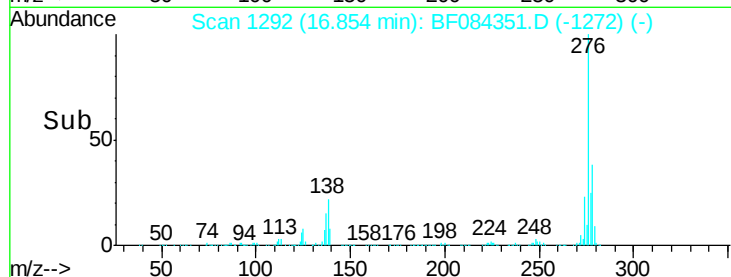
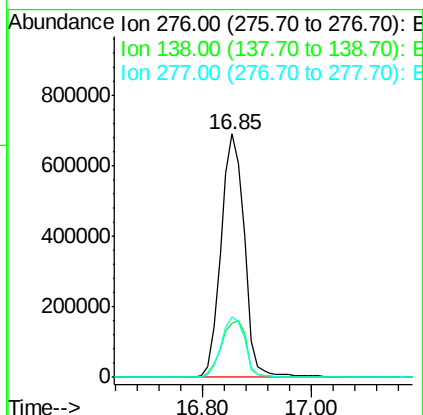
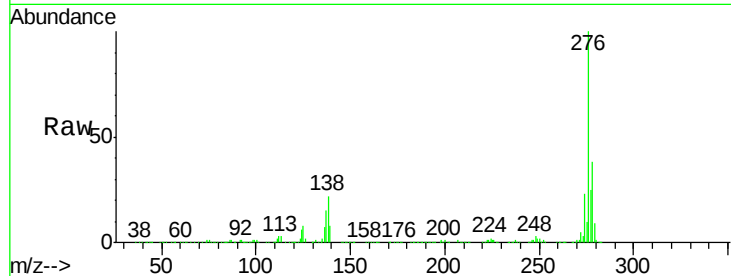




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.05 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.07 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

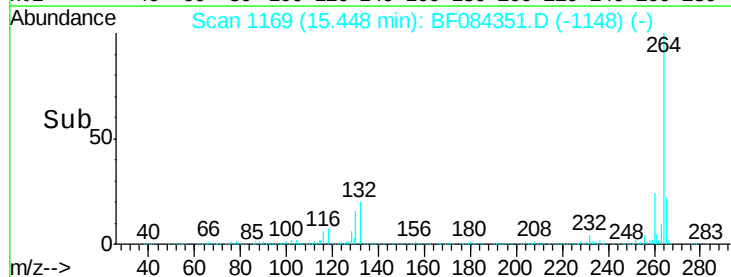
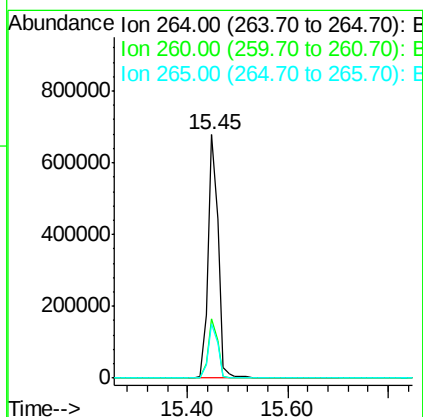
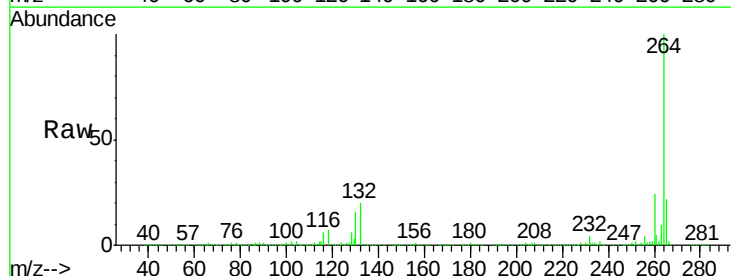
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

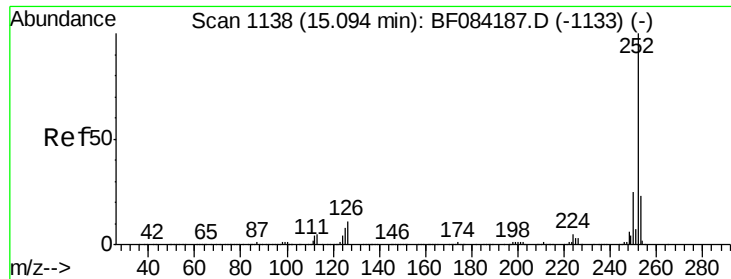
Tot Ion:276 Resp: 2069830
Ion Ratio Lower Upper
276 100
138 25.1 20.6 30.8
277 25.6 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion:264 Resp: 940251
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.2 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 41.07 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

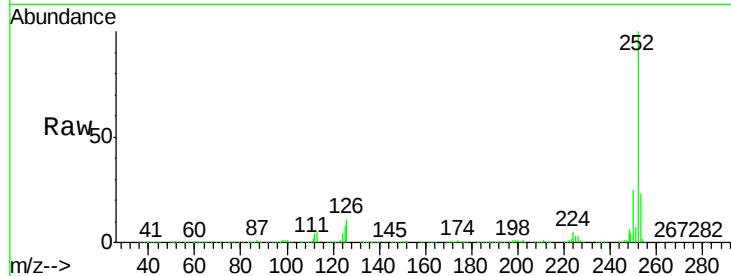
Tot Ion:252 Resp: 2526350

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

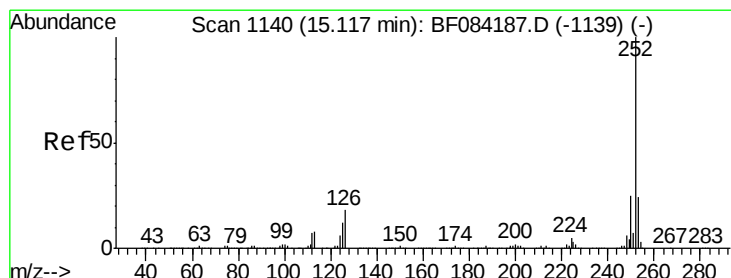
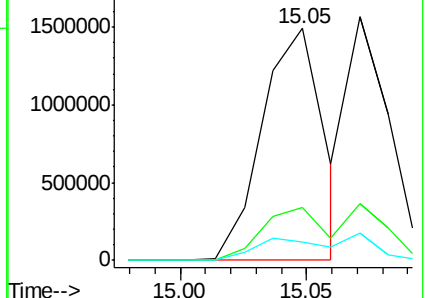
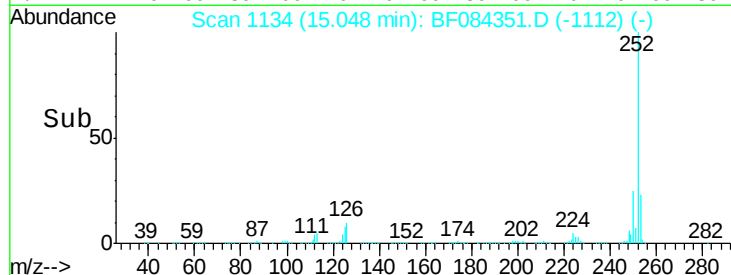
125 8.1 6.5 9.7



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: 36.23 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

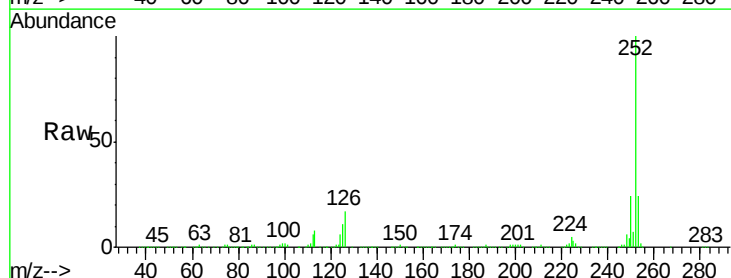
Tgt Ion:252 Resp: 1822373

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

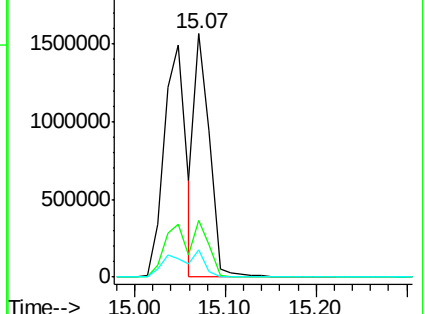
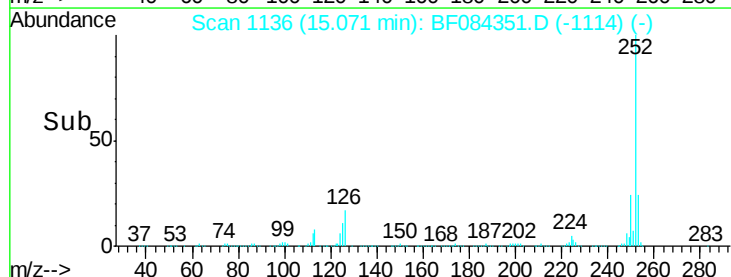
125 11.4 9.0 13.6

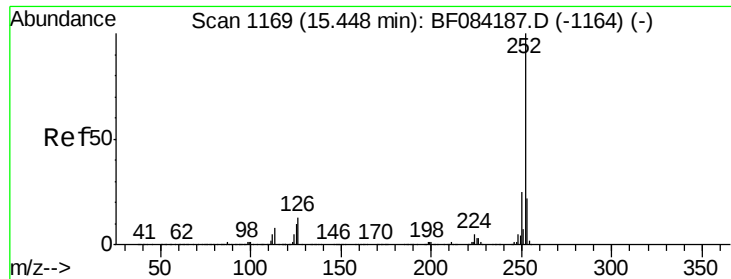


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

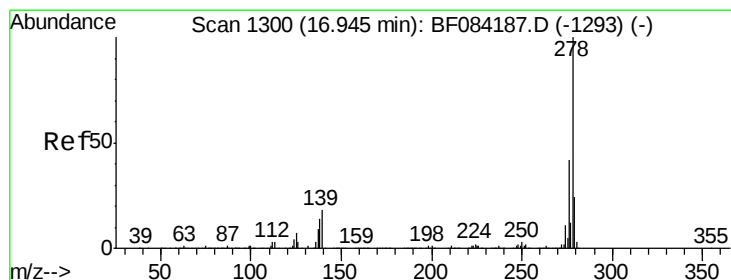
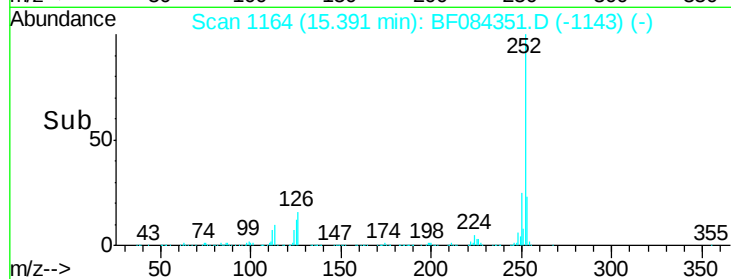
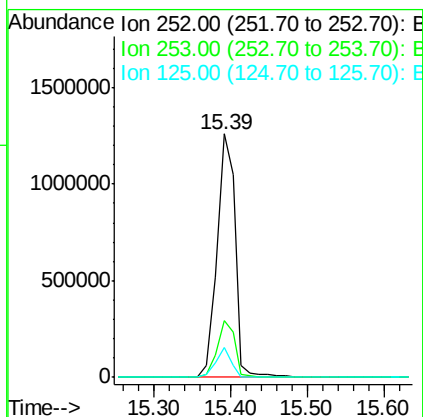
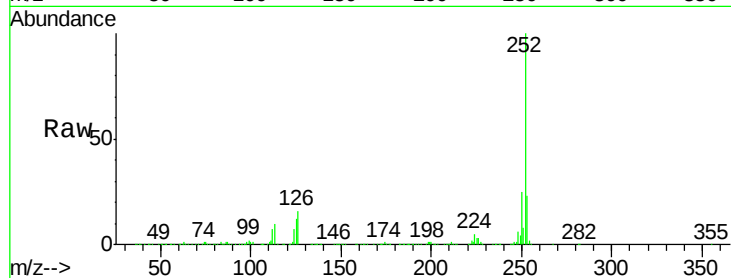




#89
Benzo(a)pyrene
Concen: 39.83 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

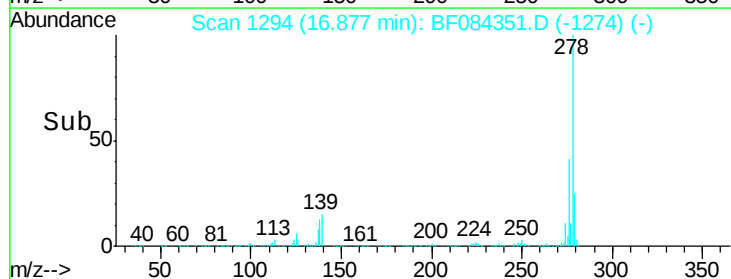
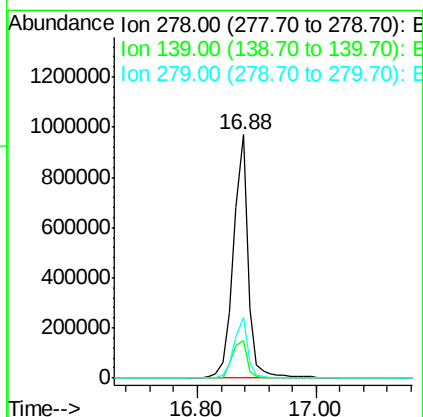
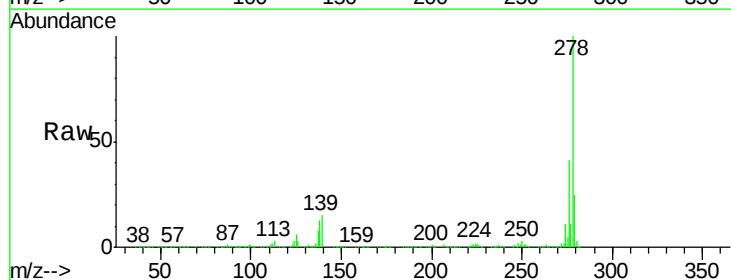
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

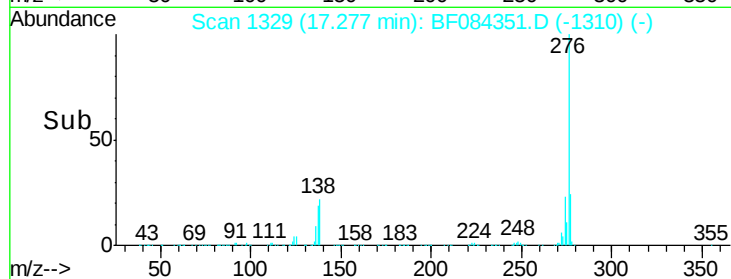
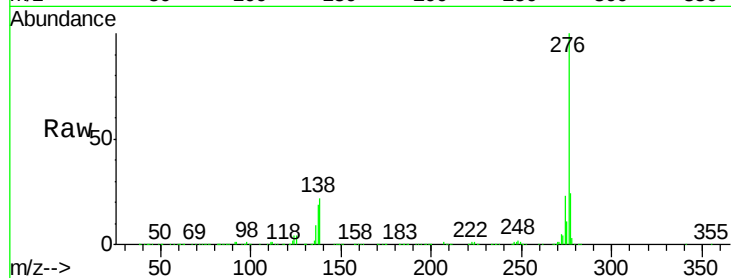
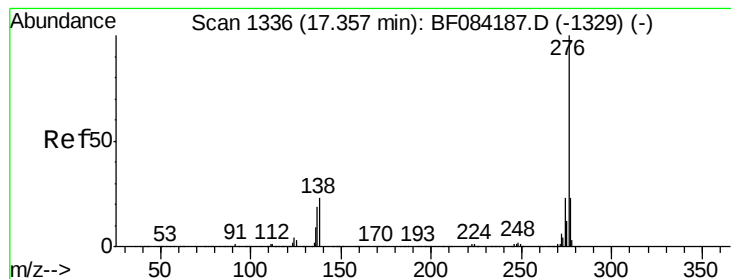
Tot Ion:252 Resp: 2077924
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 12.4 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 36.97 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Tgt Ion:278 Resp: 1659695
Ion Ratio Lower Upper
278 100
139 15.2 15.0 22.4
279 24.7 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 37.81 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.08 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1757527

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.7 17.8 26.6

