

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084351.D
 Acq On : 10 Jan 2016 8:47
 Operator : SJ/UM
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:12:39 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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Instrument :
 BNA_F
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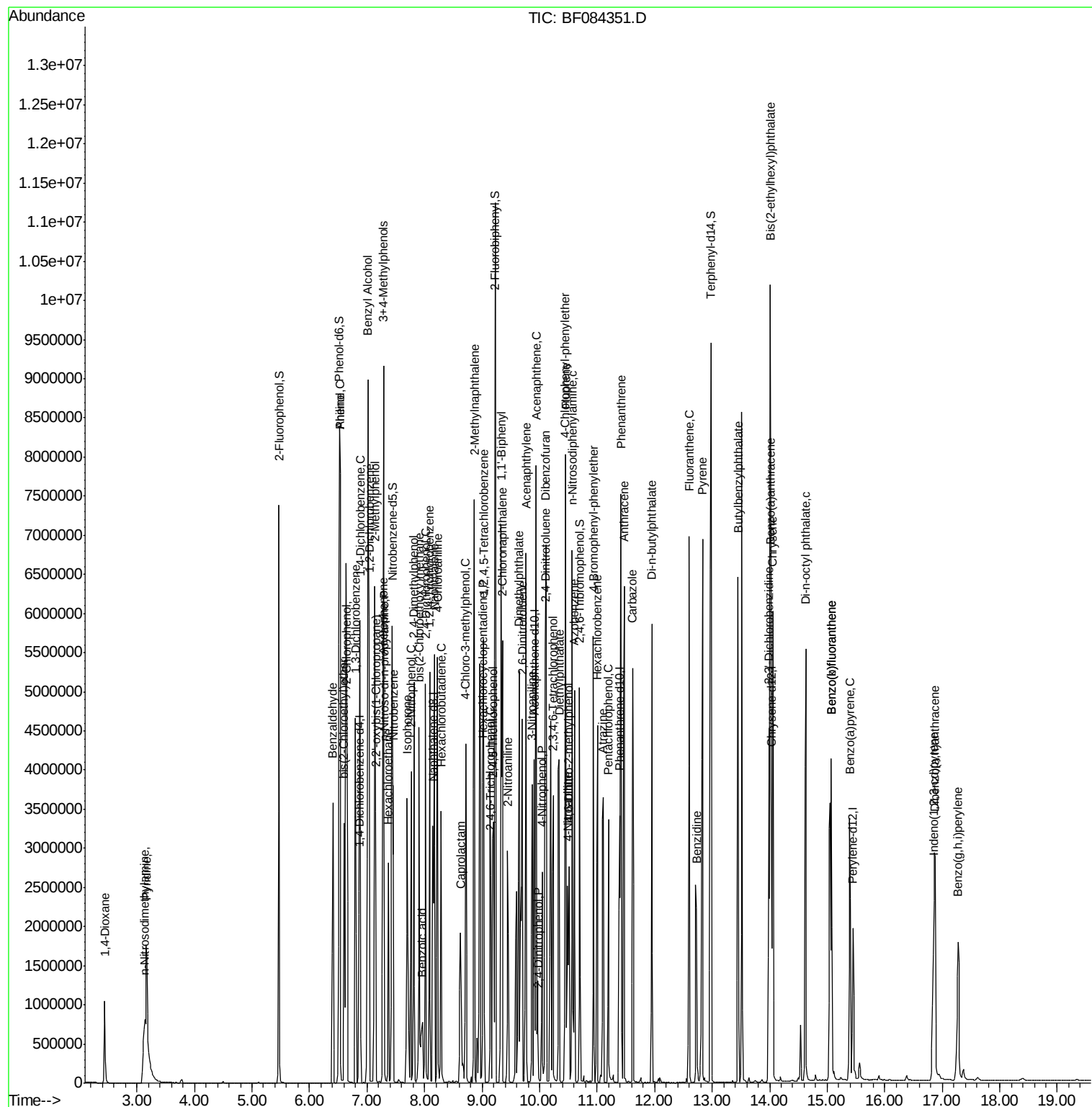
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	674077	38.22	nq	92
43) 2,4,5-Trichlorophenol	9.20	196	709923	41.99	nq	96
45) 1,1'-Biphenyl	9.33	154	2733861	41.95	nq	96
46) 2-Chloronaphthalene	9.36	162	2060216	40.24	nq	91
47) 2-Nitroaniline	9.45	65	692600	40.99	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	15.07	252	4357465	70.85	nq	# 95
88) Benzo(k)fluoranthene	15.07	252	4359856	86.67	nq	99
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

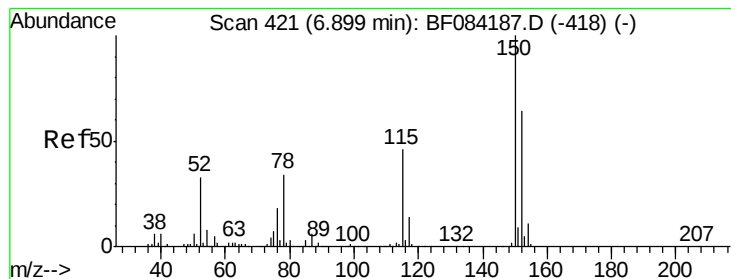
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

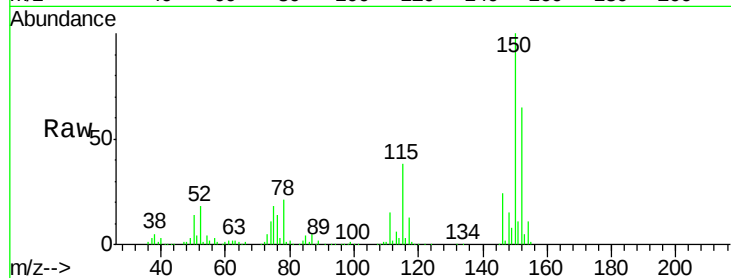
Tot Ion:152 Resp: 437559

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

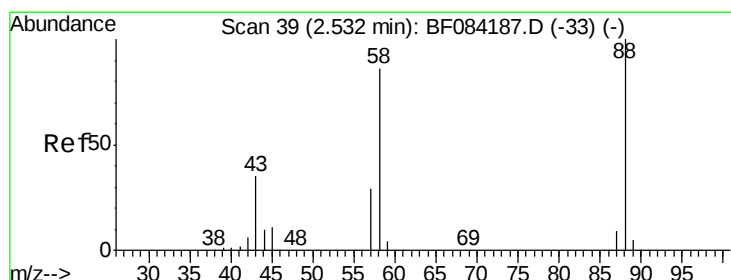
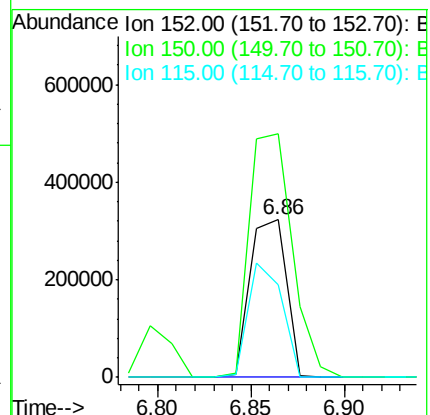
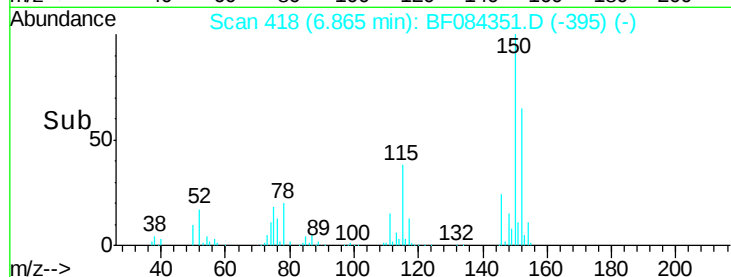
115 58.4 51.4 77.2



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

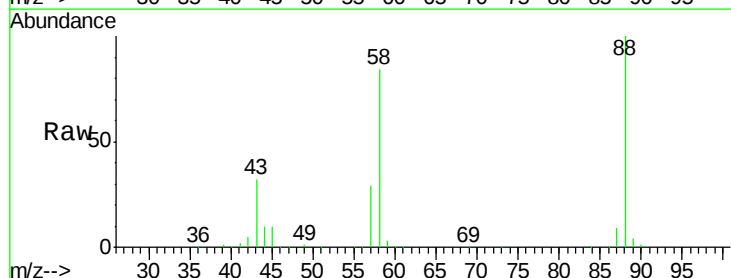
Tgt Ion: 88 Resp: 502656

Ion Ratio Lower Upper

88 100

58 85.9 51.2 76.8#

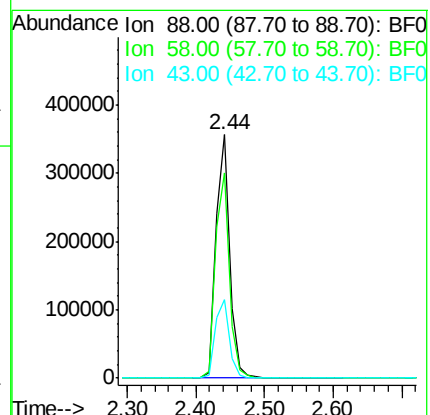
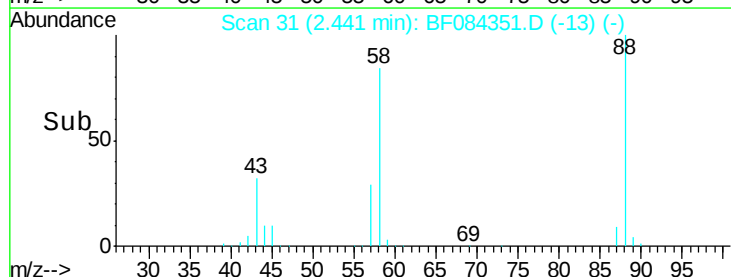
43 33.5 19.5 29.3#

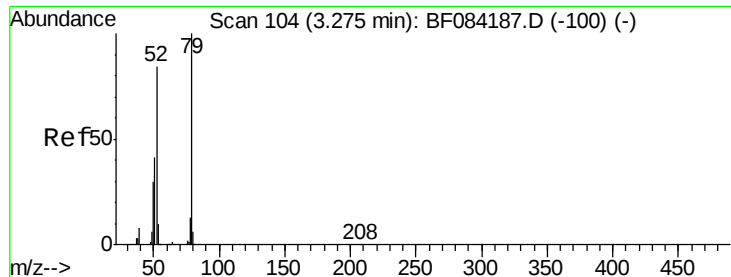


Abundance Ion 88.00 (87.70 to 88.70): BF0

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

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

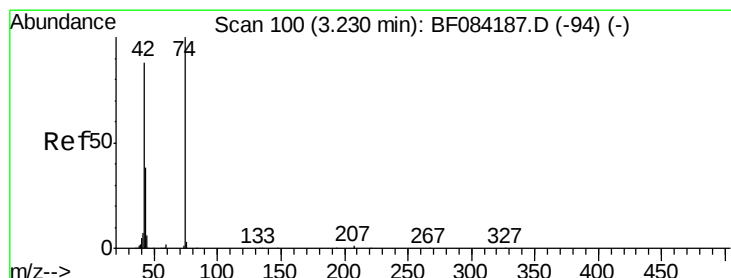
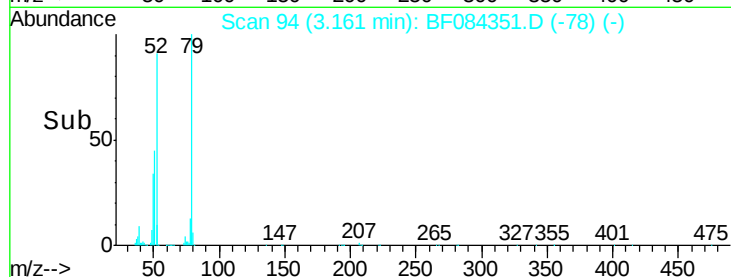
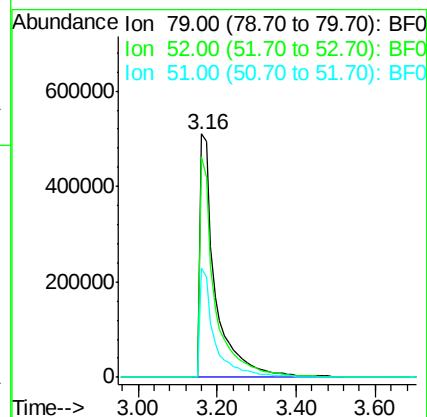
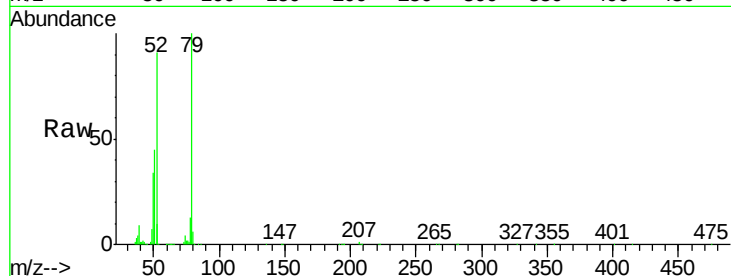
Tot Ion: 79 Resp: 1411550

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

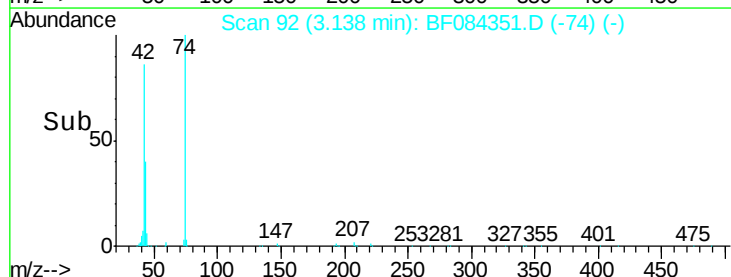
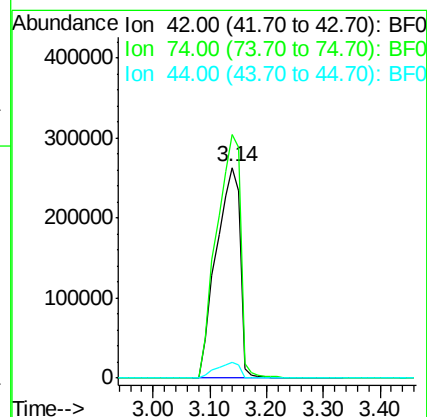
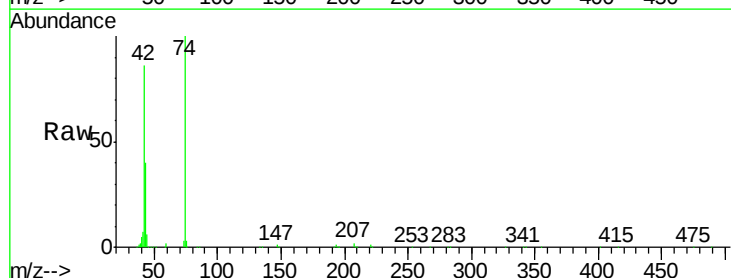
Tgt Ion: 42 Resp: 759193

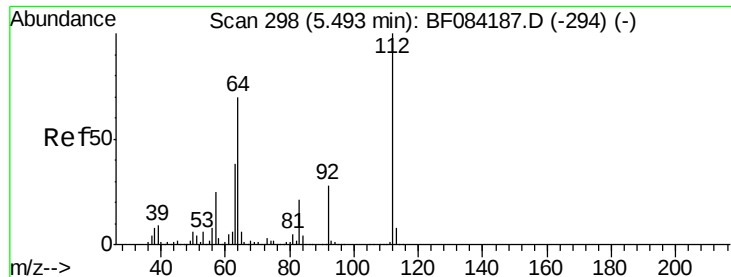
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

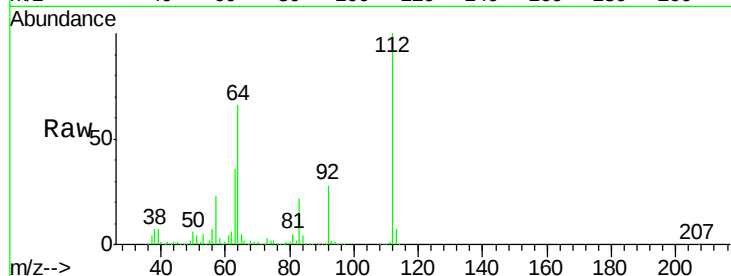
Tot Ion:112 Resp: 1989248

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

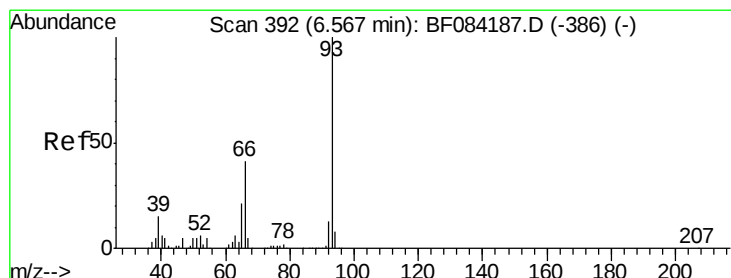
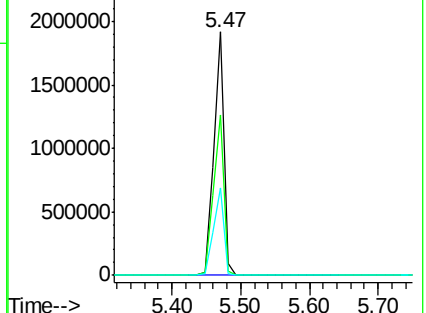
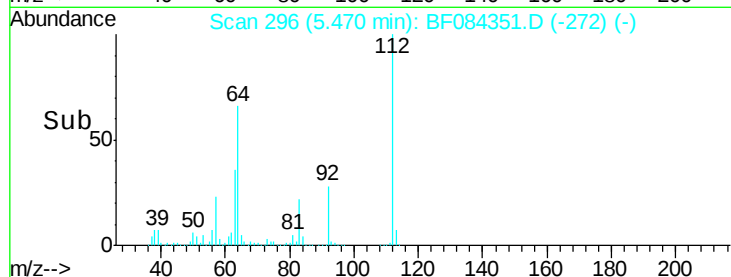
63 36.0 19.4 29.0#



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

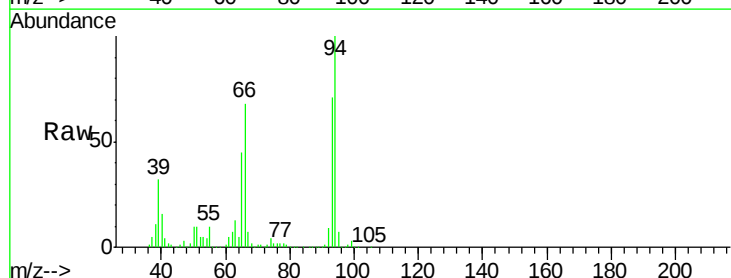
Tgt Ion: 93 Resp: 1686156

Ion Ratio Lower Upper

93 100

66 96.3 44.9 67.3#

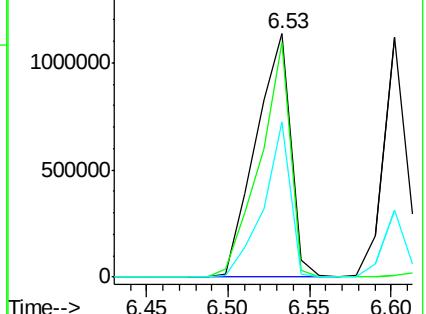
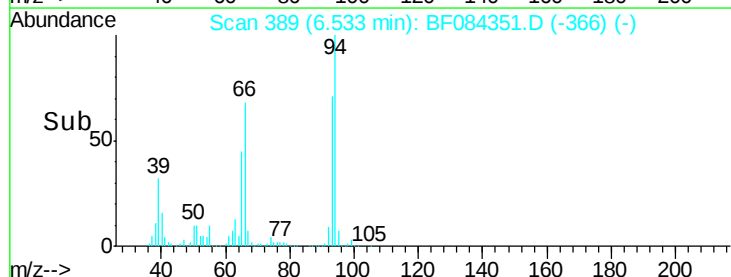
65 63.7 23.7 35.5#

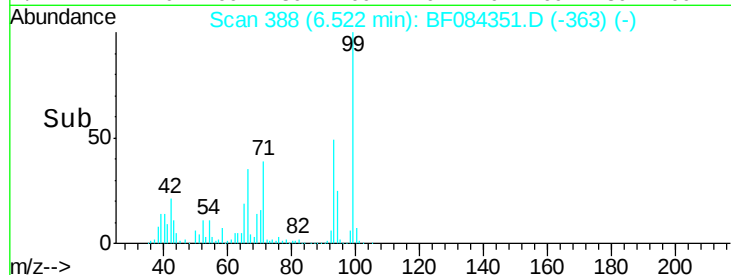
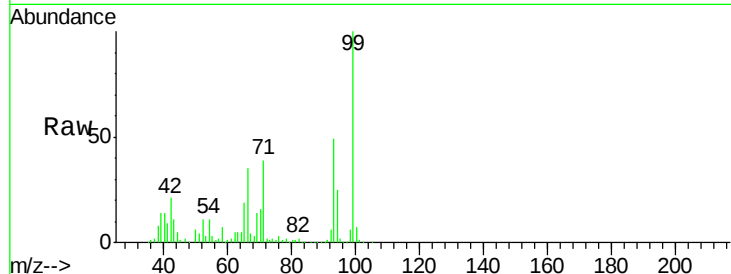
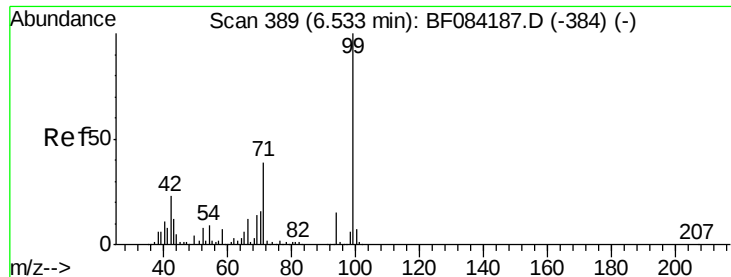


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

Instrument :

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ClientSampleId :

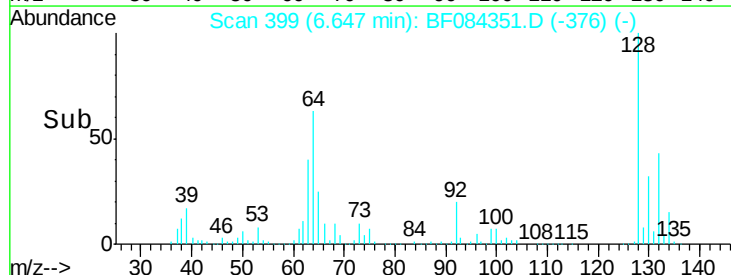
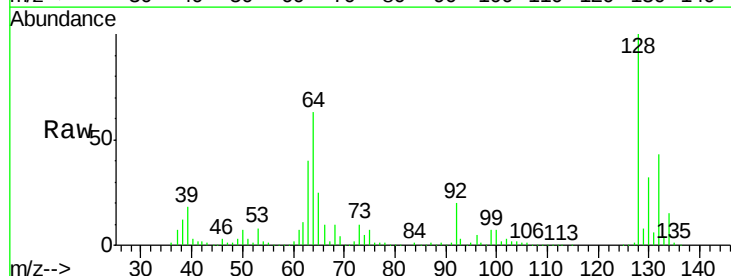
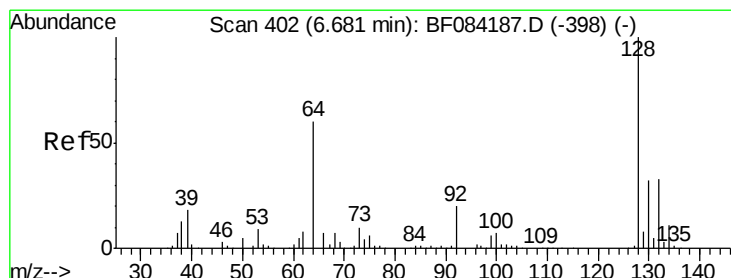
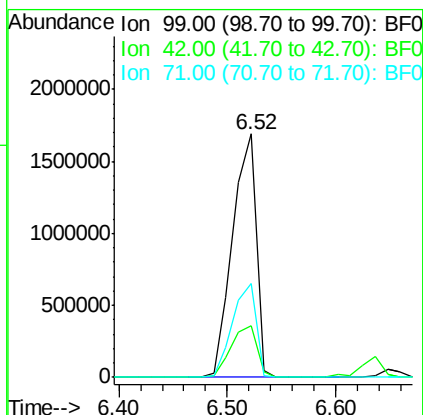
Tot Ion: 99 Resp: 2528282

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

71 38.6 30.9 46.3



#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

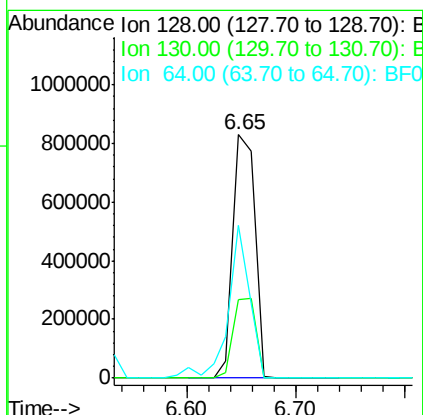
Tgt Ion: 128 Resp: 1146867

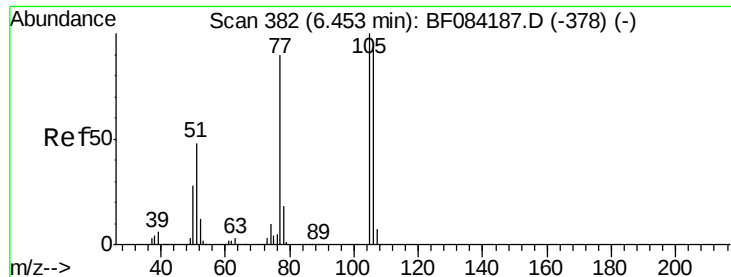
Ion Ratio Lower Upper

128 100

130 32.0 11.6 51.6

64 62.7 23.8 63.8





#9

Benzaldehyde

Concen: 36.12 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

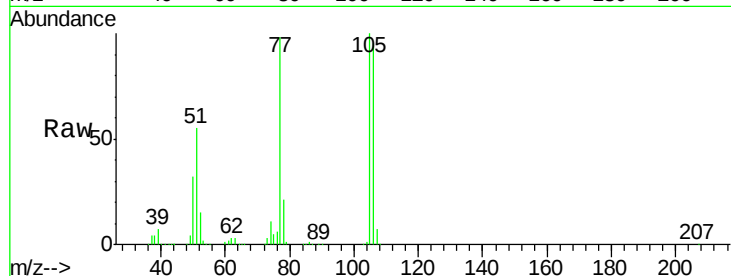
Tot Ion: 77 Resp: 799095

Ion Ratio Lower Upper

77 100

105 101.6 83.0 123.0

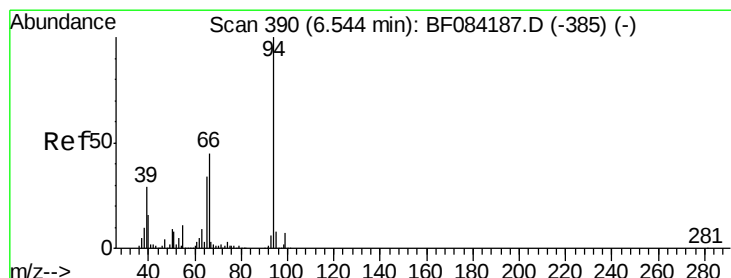
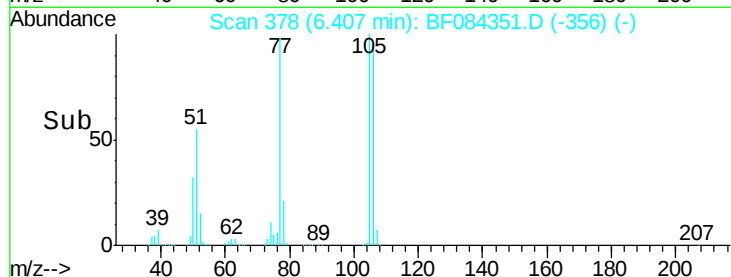
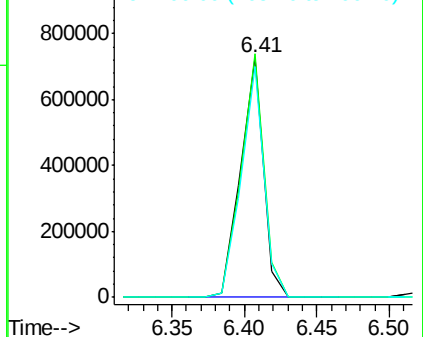
106 96.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 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

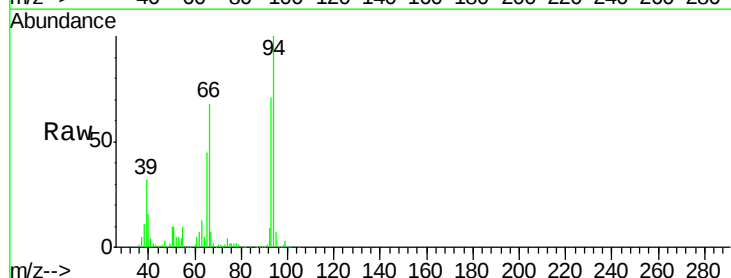
Tgt Ion: 94 Resp: 1523955

Ion Ratio Lower Upper

94 100

65 45.0 12.9 52.9

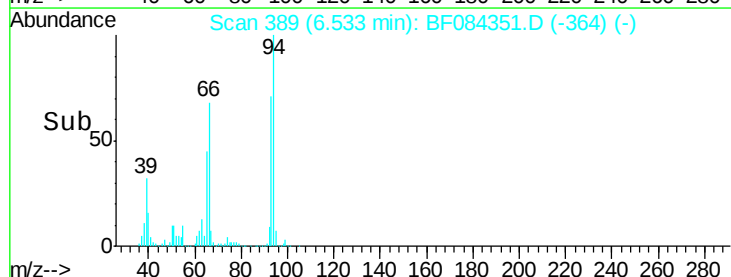
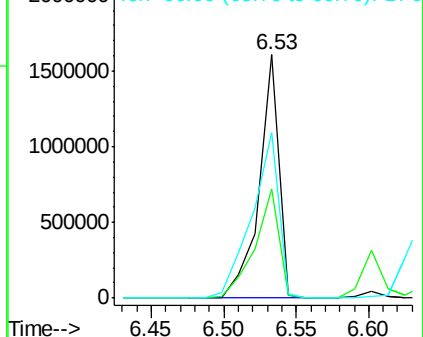
66 68.0 32.7 72.7

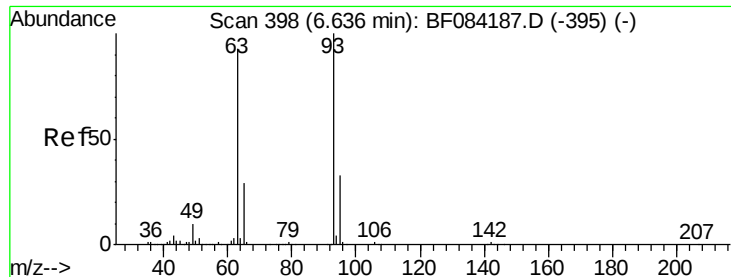


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 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 :

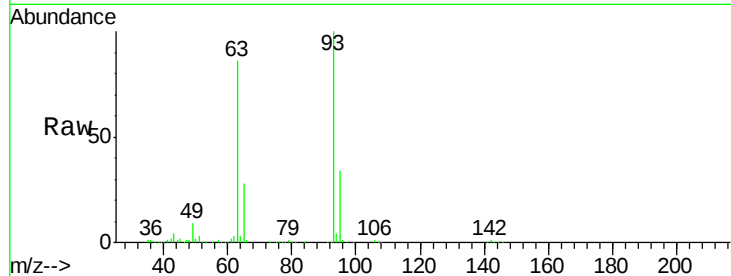
Tot Ion: 93 Resp: 1102325

Ion Ratio Lower Upper

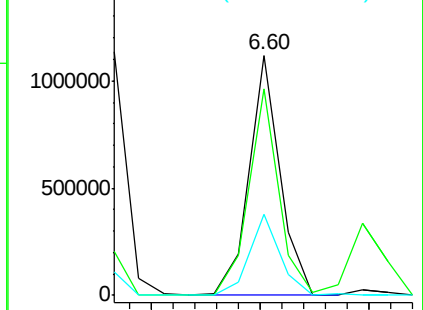
93 100

63 86.0 45.9 85.9#

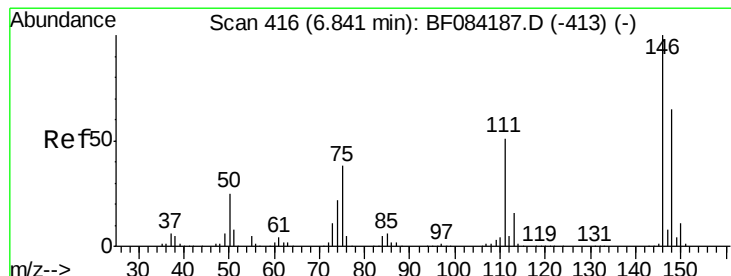
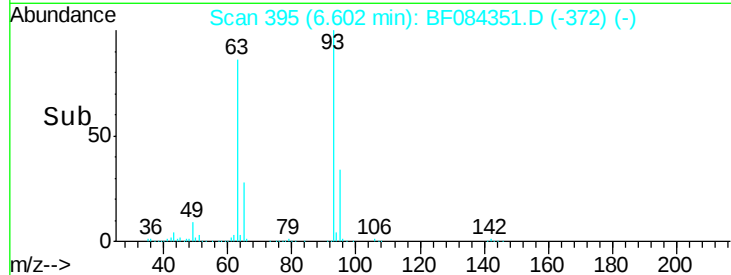
95 33.7 12.3 52.3



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



Time-->



#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

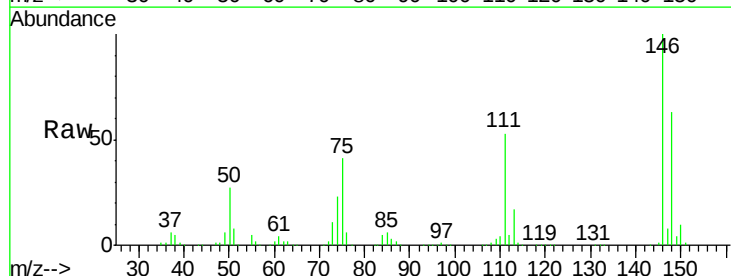
Tgt Ion:146 Resp: 1173138

Ion Ratio Lower Upper

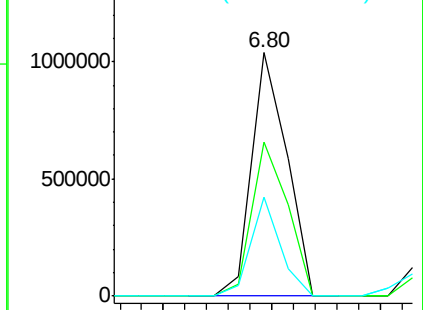
146 100

148 63.3 51.9 77.9

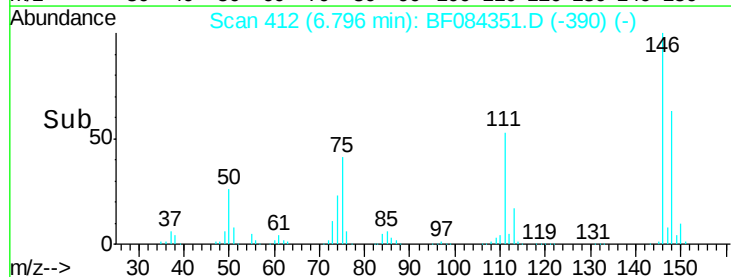
75 40.9 20.5 30.7#

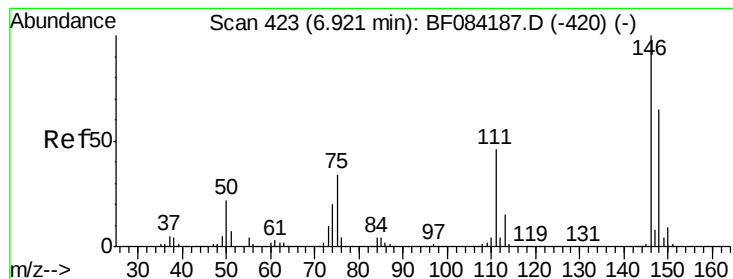


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



Time-->





#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 :

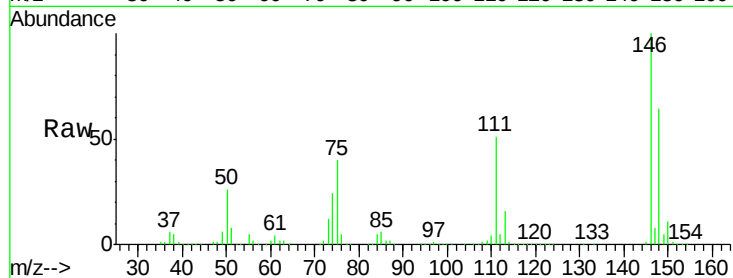
Tot Ion:146 Resp: 1122785

Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

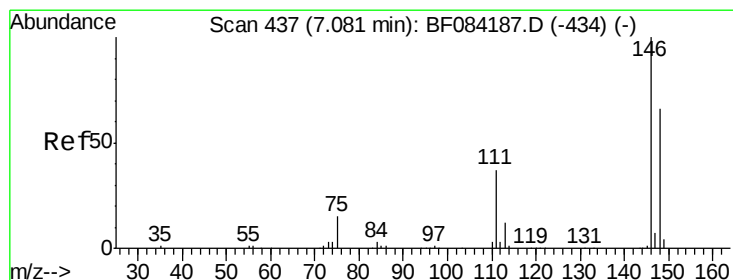
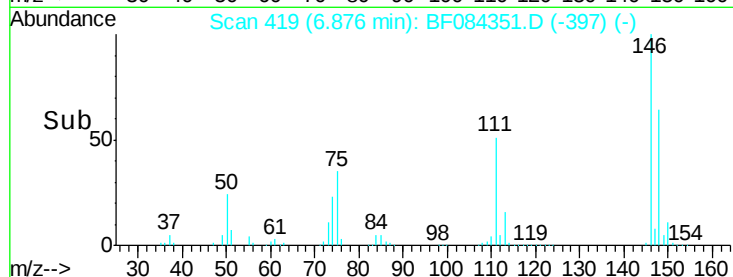
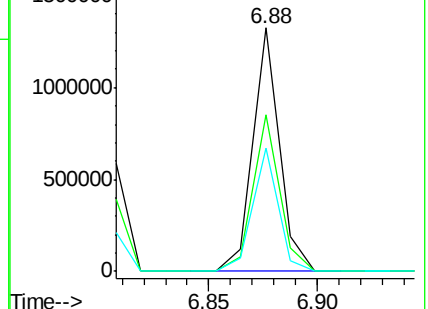
111 50.9 41.6 62.4



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

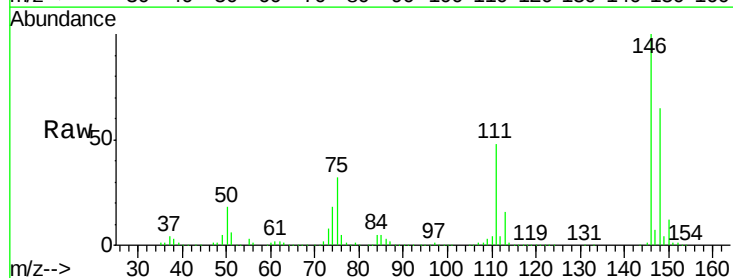
Tgt Ion:146 Resp: 1178872

Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

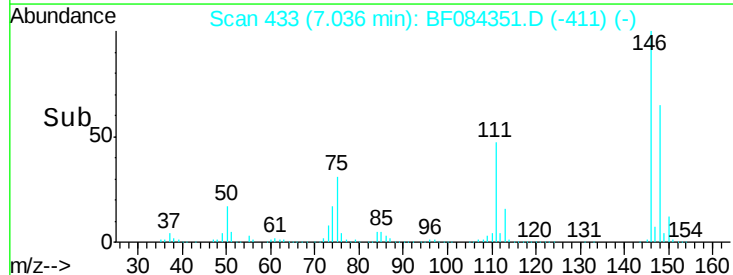
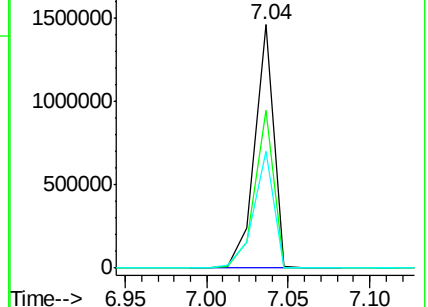
111 48.0 38.0 57.0

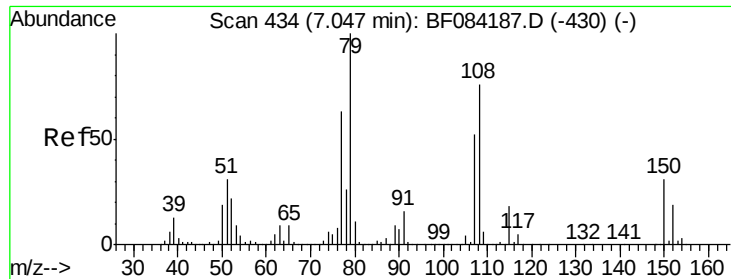


Abundance Ion 146.00 (145.70 to 146.70): E

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 :

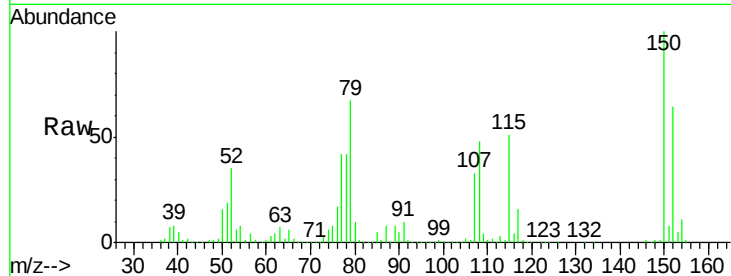
Tot Ion: 79 Resp: 952751

Ion Ratio Lower Upper

79 100

108 71.9 69.0 103.4

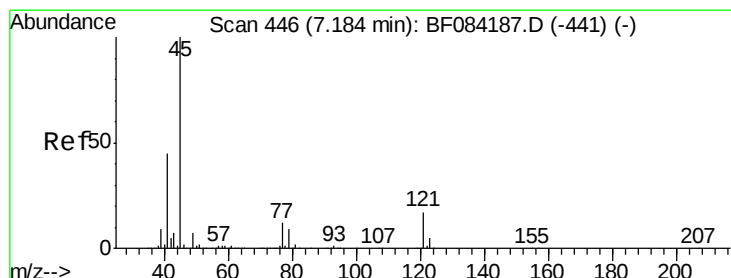
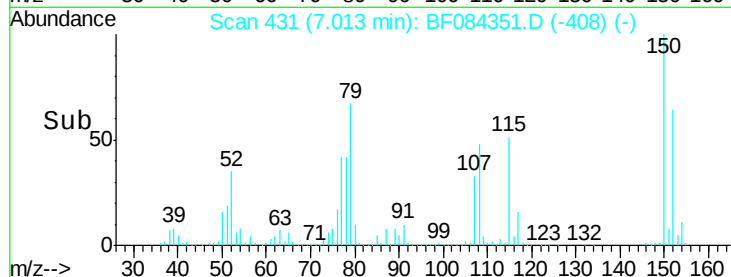
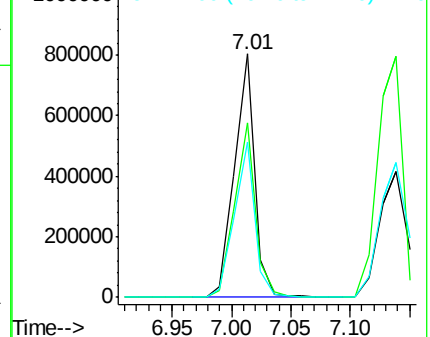
77 63.5 50.0 75.0



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

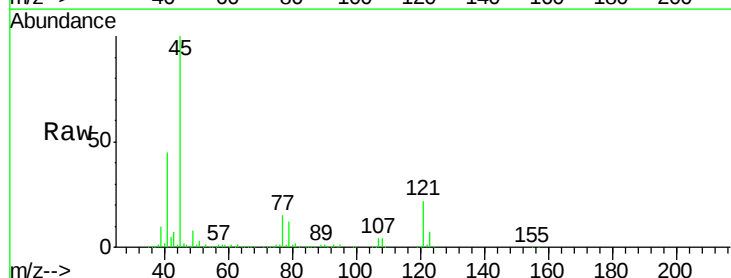
Tgt Ion: 45 Resp: 1857391

Ion Ratio Lower Upper

45 100

77 15.2 0.0 39.6

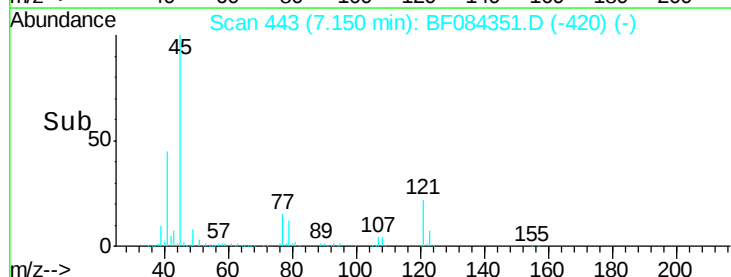
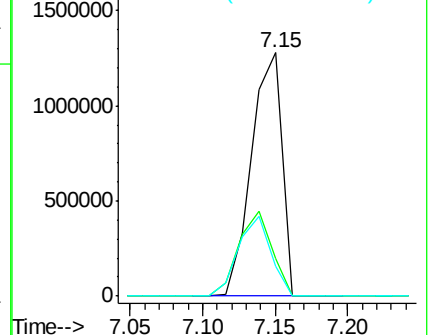
79 12.4 0.0 35.0

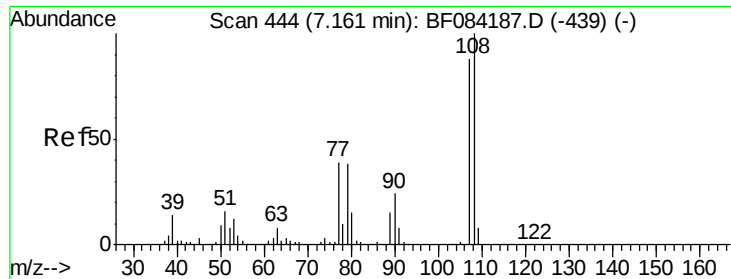


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

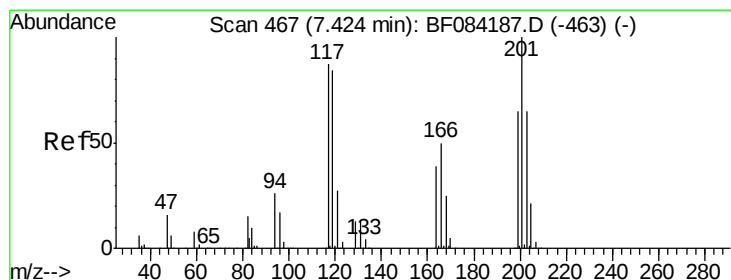
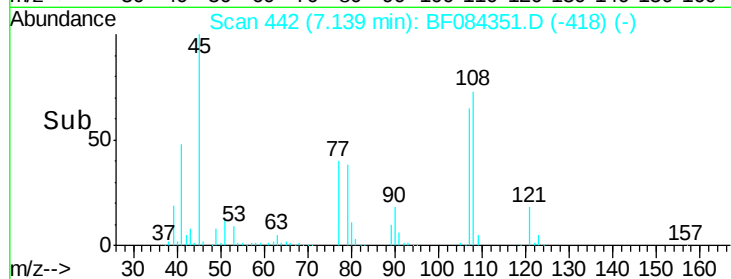
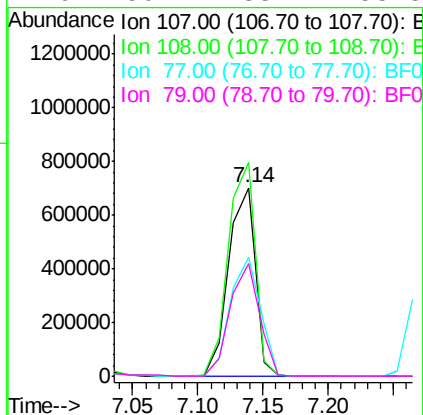
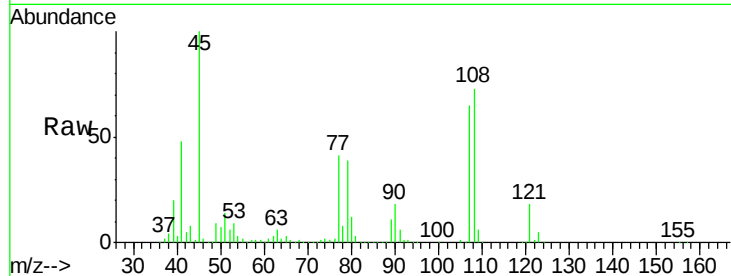




#17
2-Methylphenol
Concen: 38.83 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

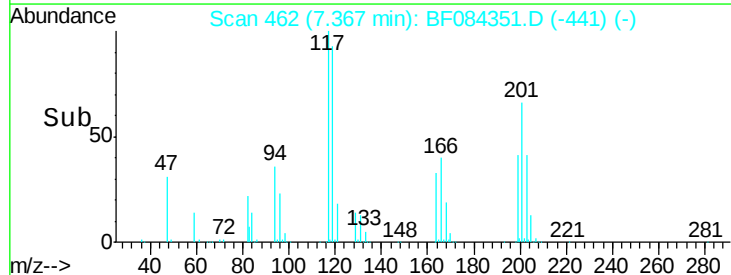
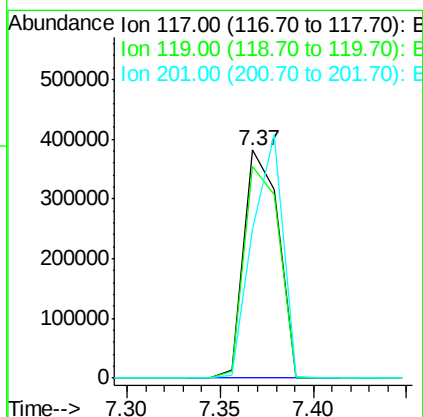
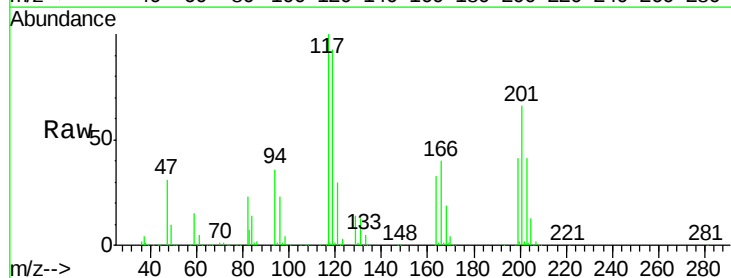
Instrument :
BNA_F
ClientSampleId :

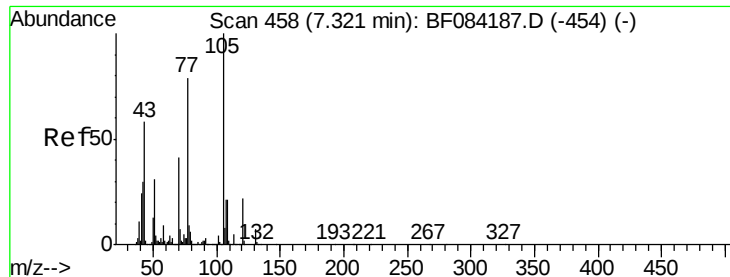
Tot Ion:107 Resp: 998761
Ion Ratio Lower Upper
107 100
108 113.3 89.8 134.6
77 63.1 35.7 53.5#
79 59.4 35.7 53.5#



#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:117 Resp: 486890
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.0
201 65.6 68.6 103.0#

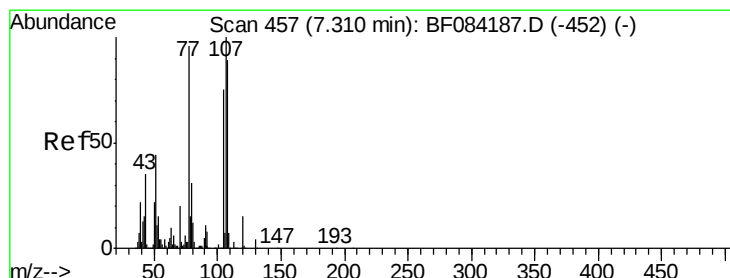
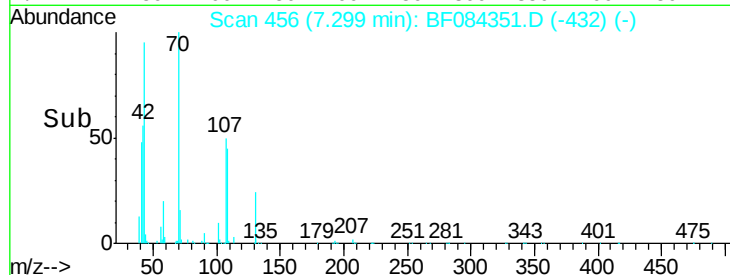
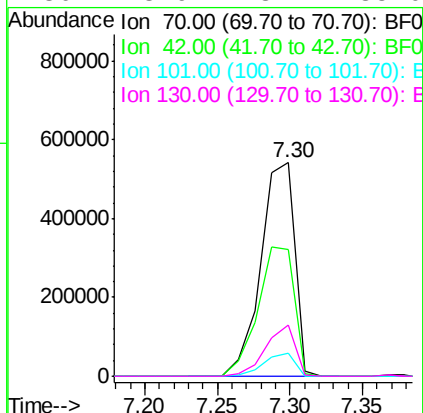
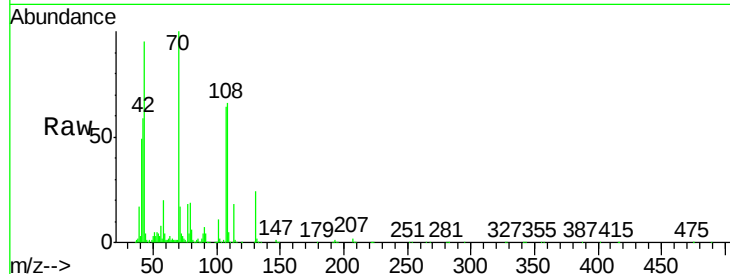




#19
n-Nitroso-di-n-propylamine
Concen: 38.19 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

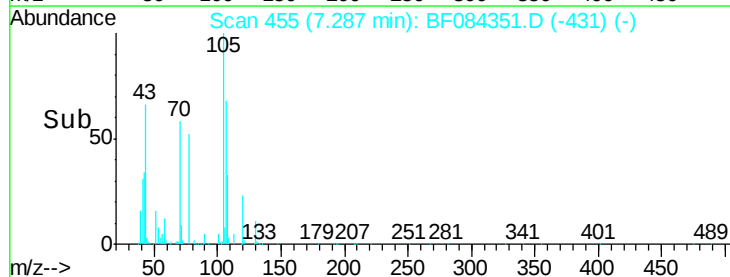
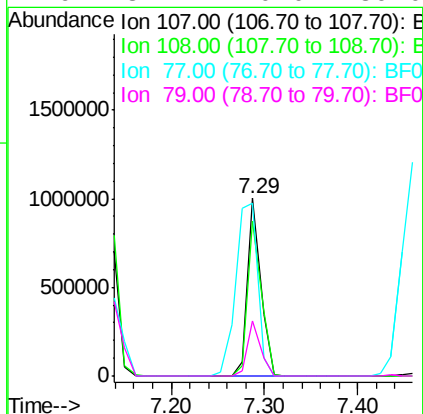
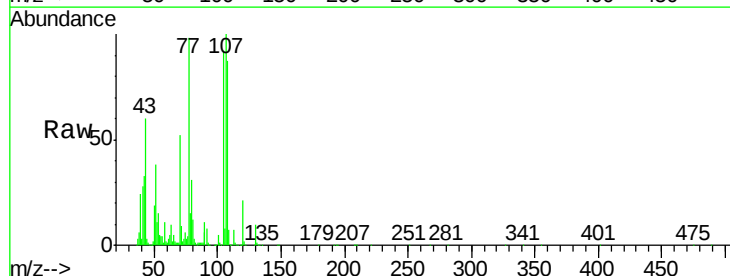
Instrument :
BNA_F
ClientSampleId :

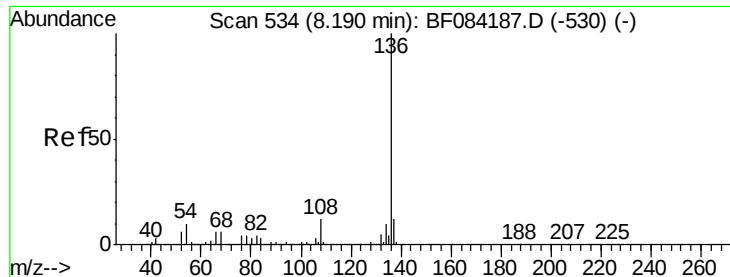
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	33.3	49.9#
101	10.9	9.3	13.9
130	23.9	23.4	35.0



#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	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





#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 :

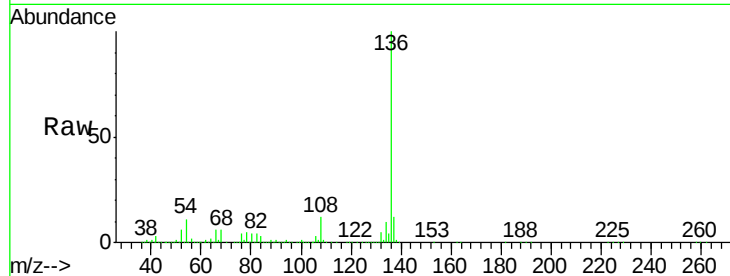
BNA_F

ClientSampleId :

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

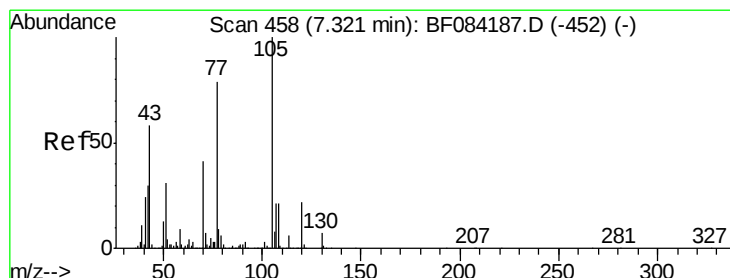
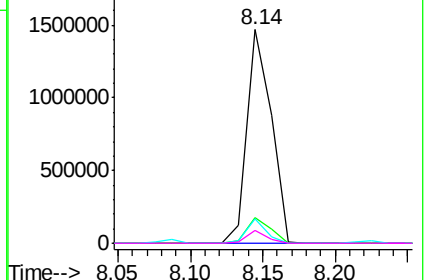
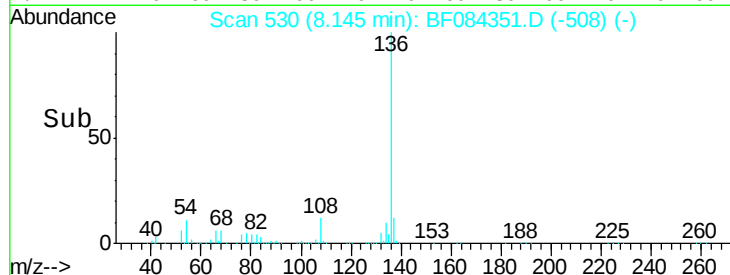


Abundance Ion 136.00 (135.70 to 136.70): E

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

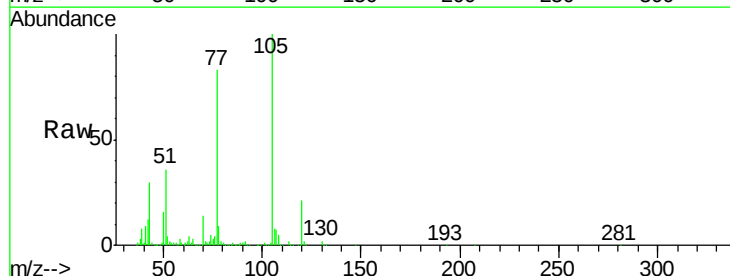
Lab File: BF084351.D

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

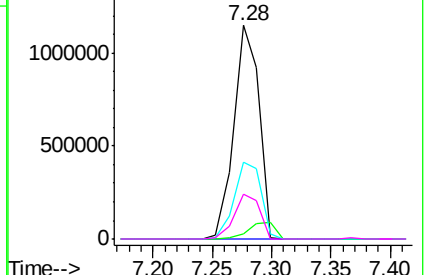
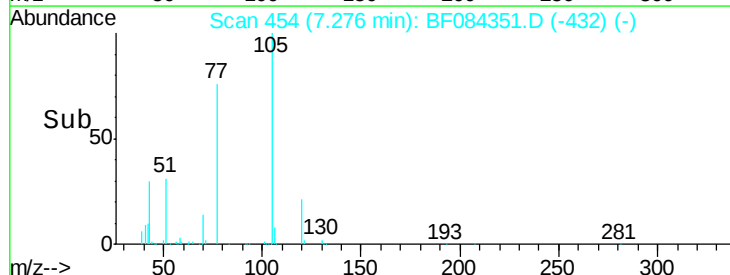


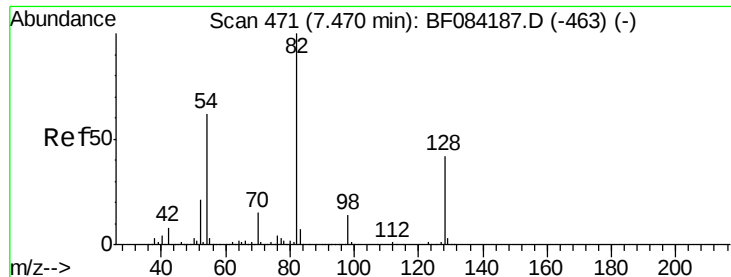
Abundance Ion 105.00 (104.70 to 105.70): E

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 :

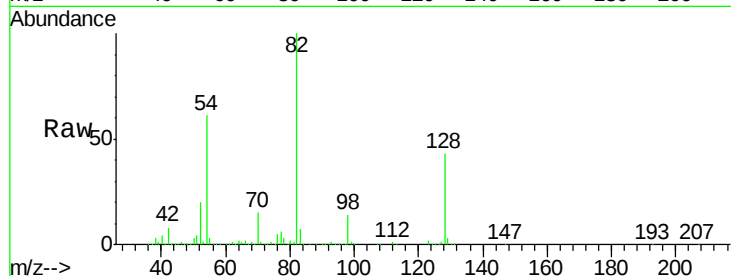
Tot Ion: 82 Resp: 2335139

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

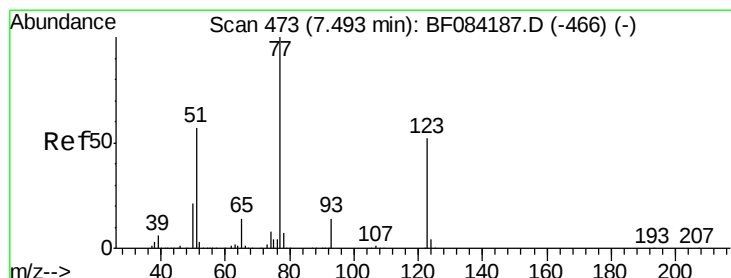
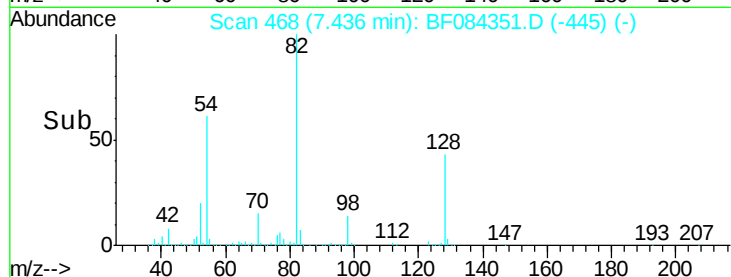
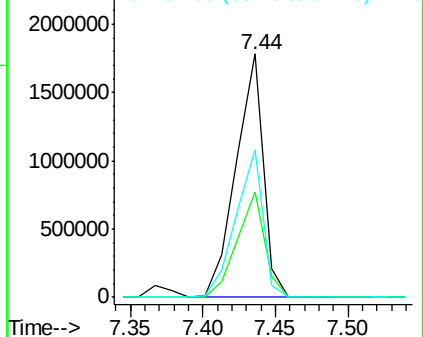
54 60.5 38.4 57.6#



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

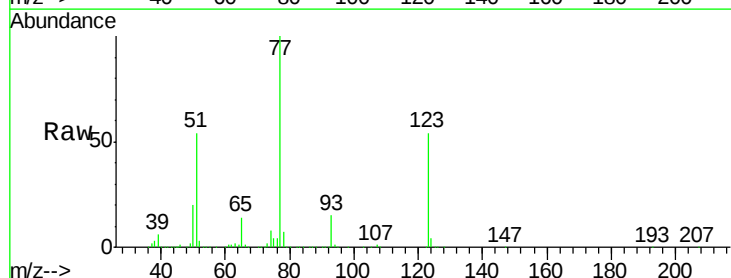
Tgt Ion: 77 Resp: 1393907

Ion Ratio Lower Upper

77 100

123 54.4 37.4 56.2

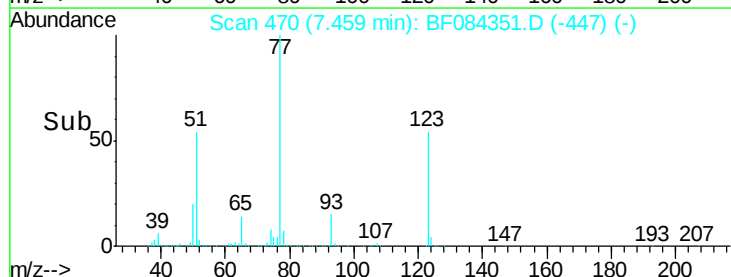
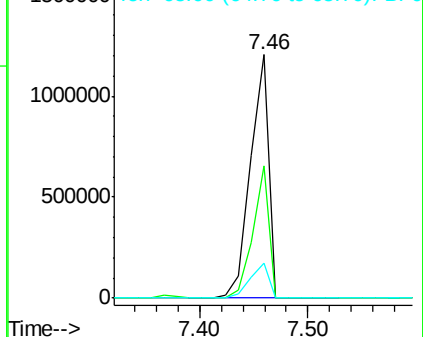
65 14.3 10.9 16.3

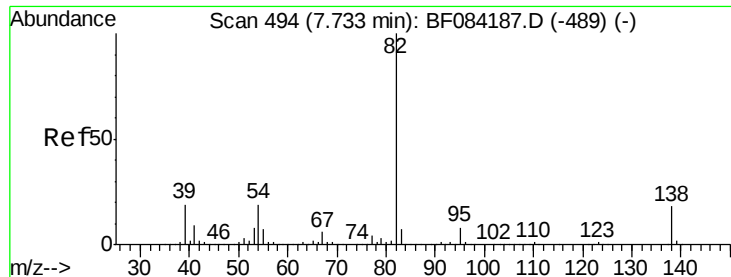


Abundance Ion 77.00 (76.70 to 77.70): BF0

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 :

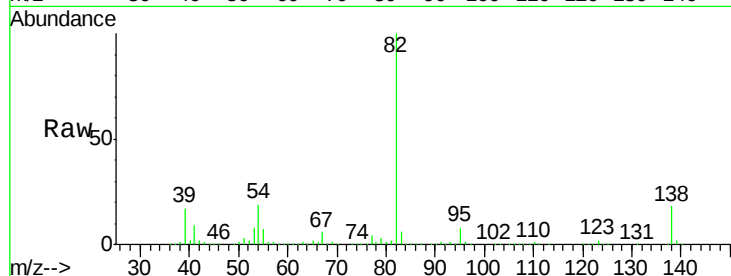
Tot Ion: 82 Resp: 2460939

Ion Ratio Lower Upper

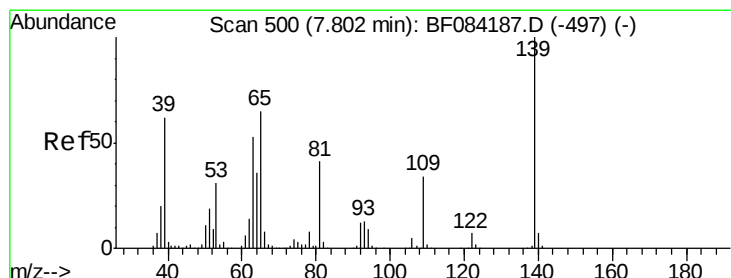
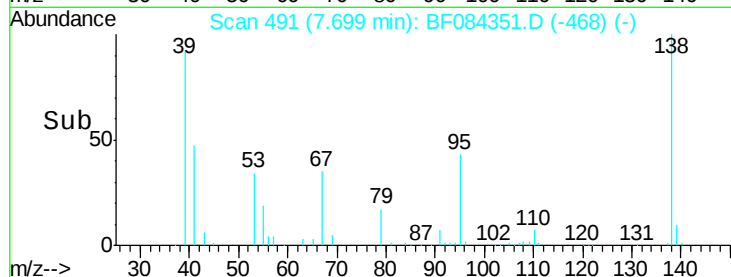
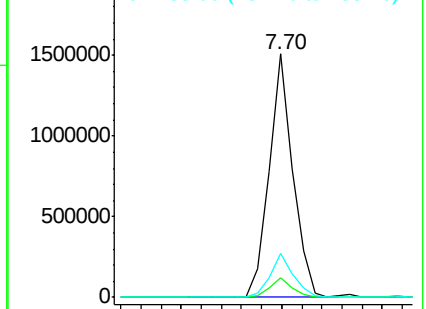
82 100

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

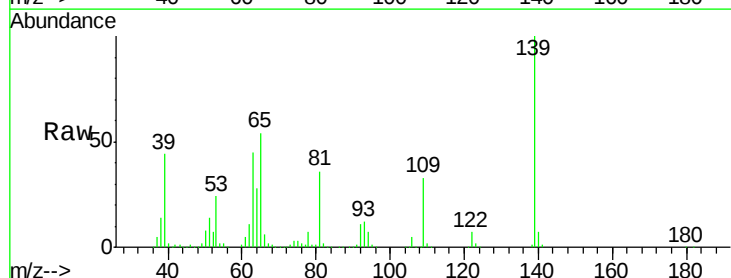
Tgt Ion: 139 Resp: 688178

Ion Ratio Lower Upper

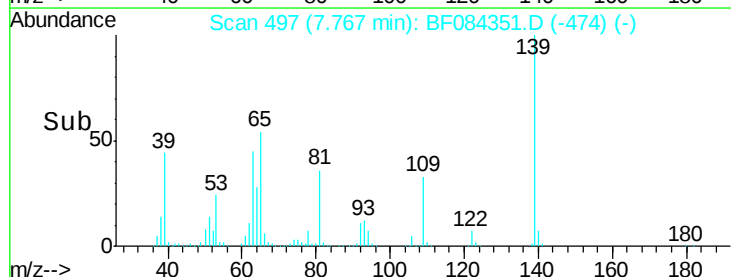
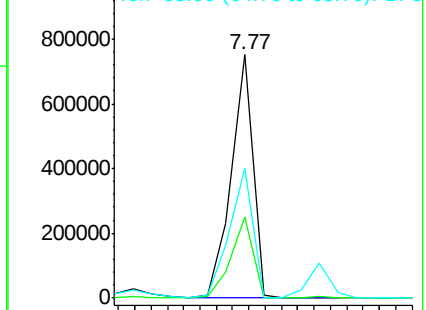
139 100

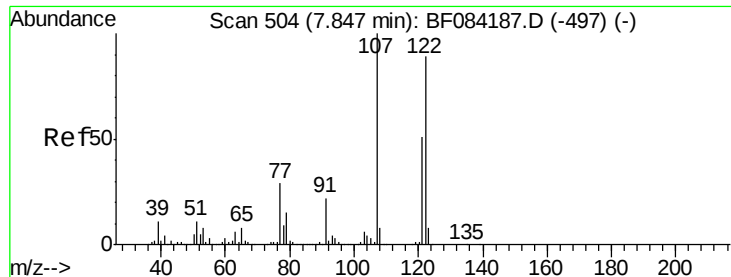
109 33.4 25.4 38.2

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 :

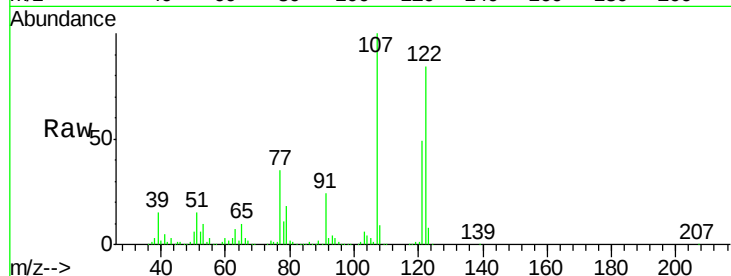
Tot Ion:122 Resp: 1012628

Ion Ratio Lower Upper

122 100

107 119.5 99.1 148.7

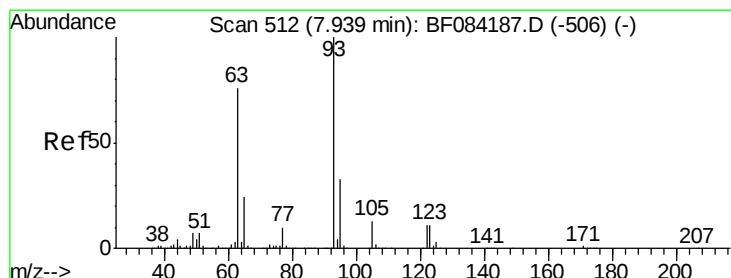
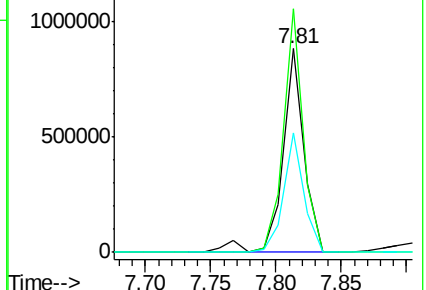
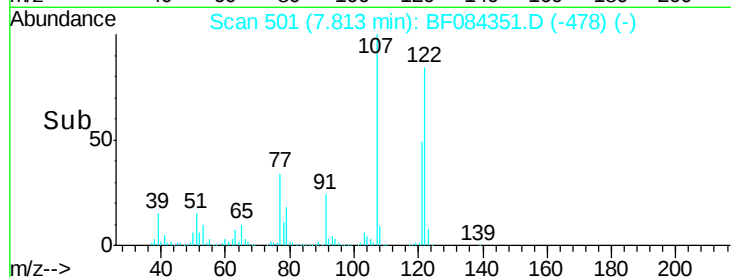
121 58.5 47.9 71.9



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

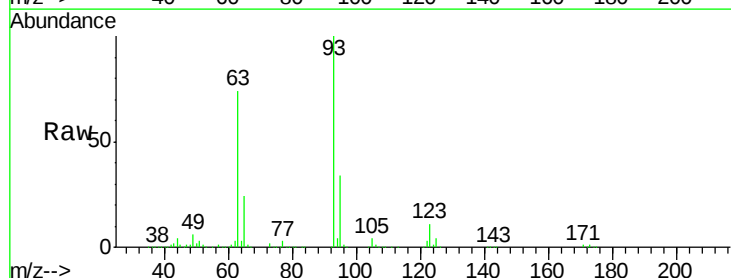
Tgt Ion: 93 Resp: 1378876

Ion Ratio Lower Upper

93 100

95 34.1 25.8 38.6

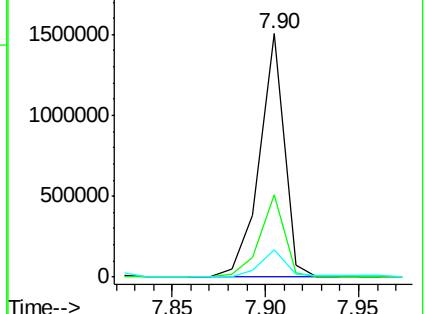
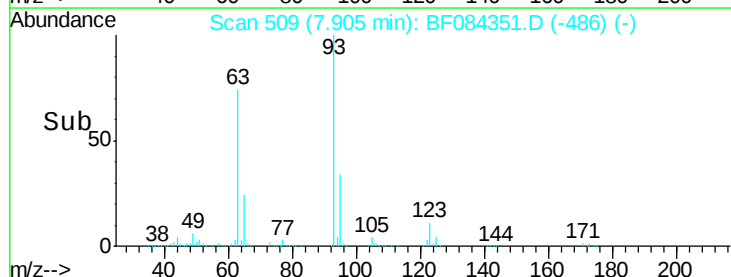
123 11.2 8.6 12.8

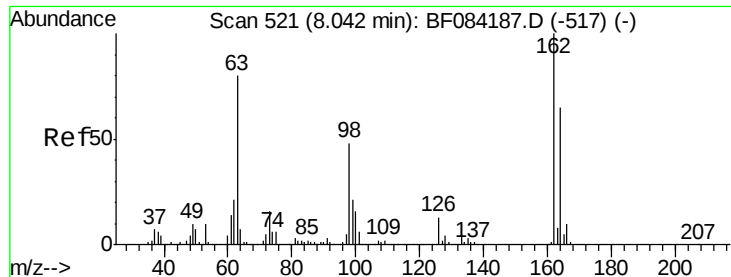


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

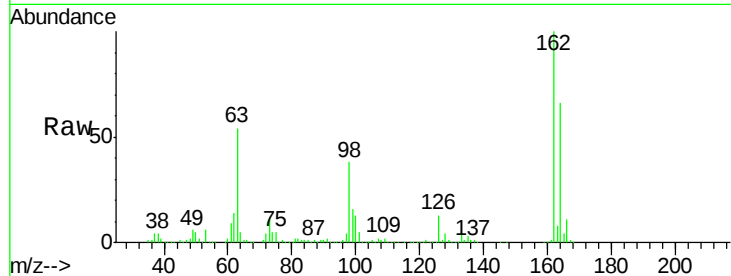




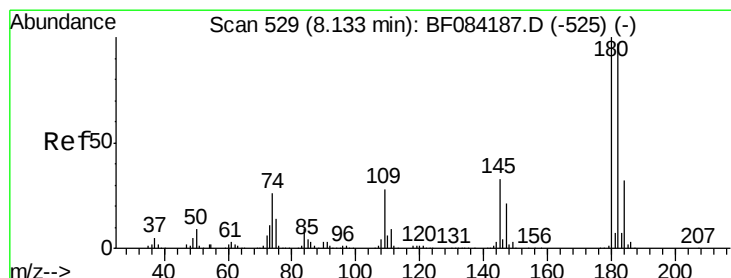
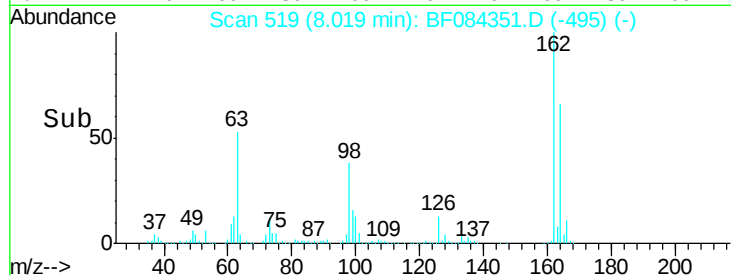
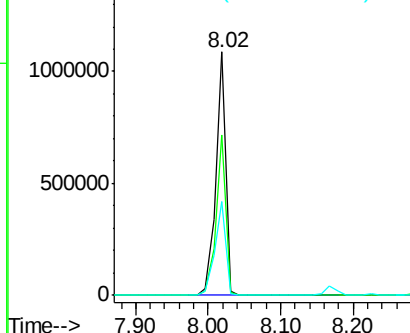
#29
2,4-Dichlorophenol
Concen: 43.05 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :

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

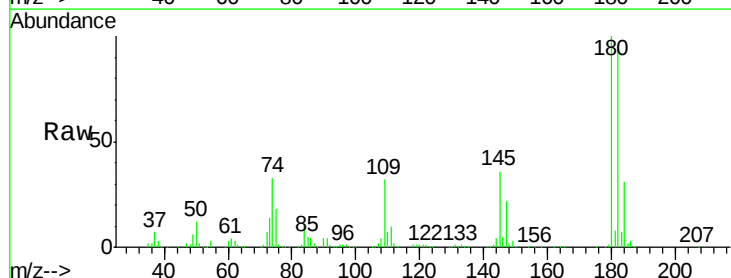


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

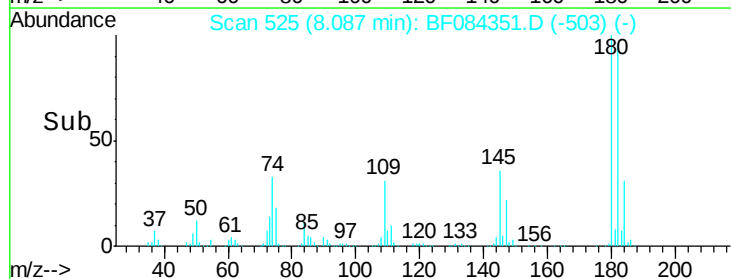
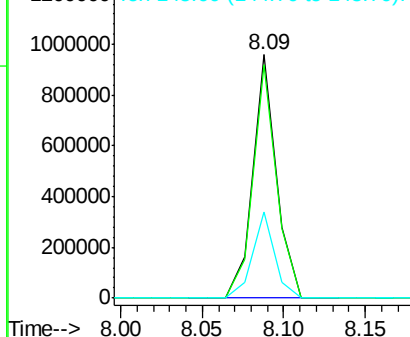


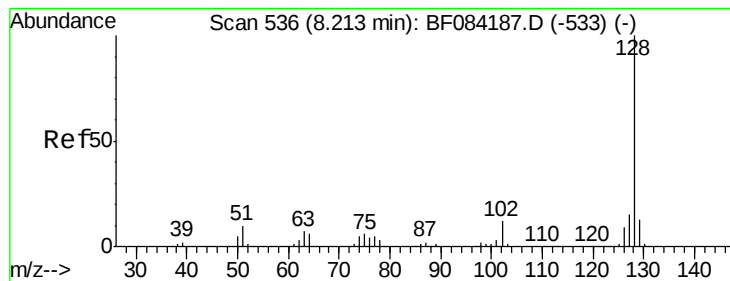
#30
1,2,4-Trichlorobenzene
Concen: 39.36 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

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 :

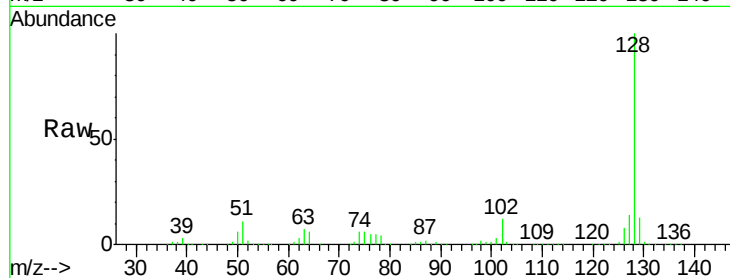
Tot Ion:128 Resp: 2945030

Ion Ratio Lower Upper

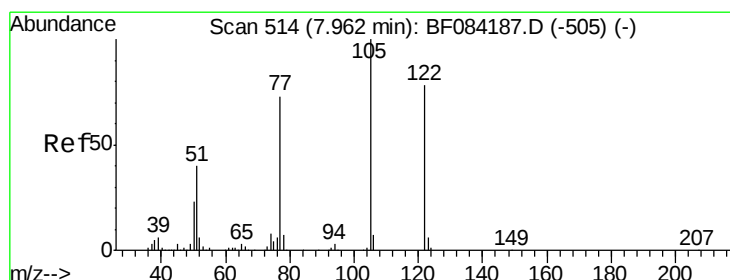
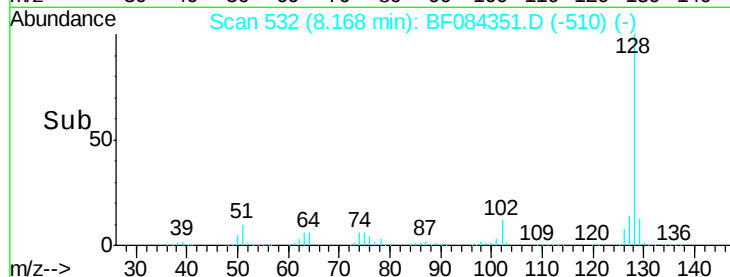
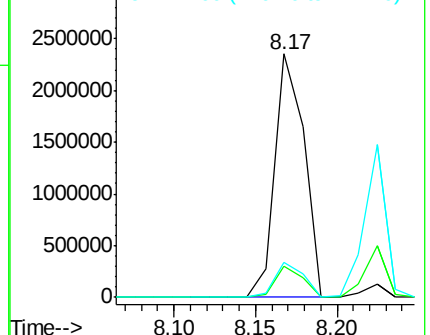
128 100

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

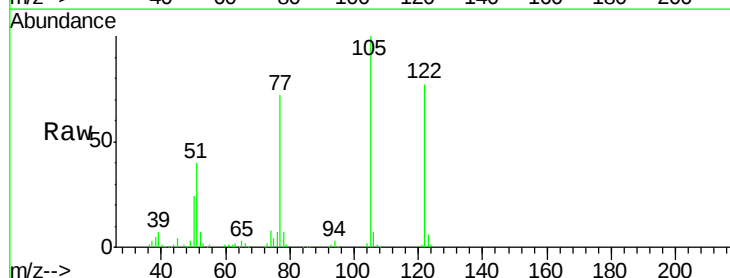
Tgt Ion:122 Resp: 488767

Ion Ratio Lower Upper

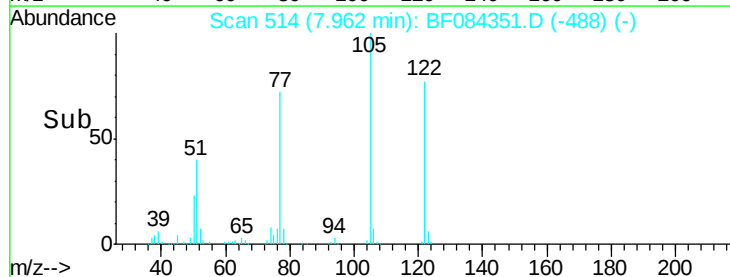
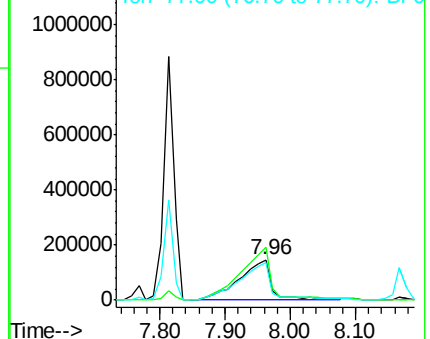
122 100

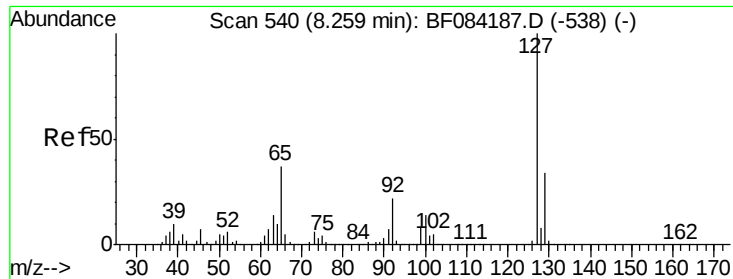
105 130.6 100.3 140.3

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

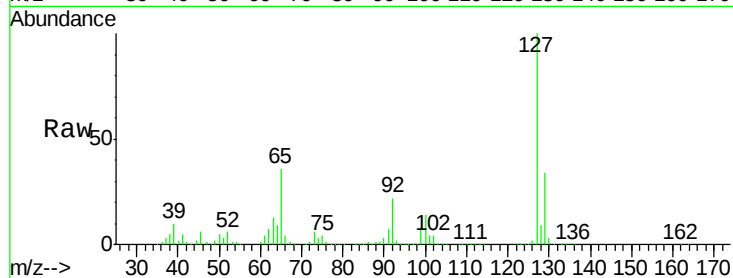




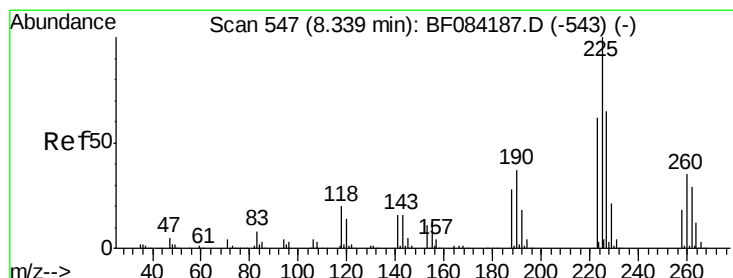
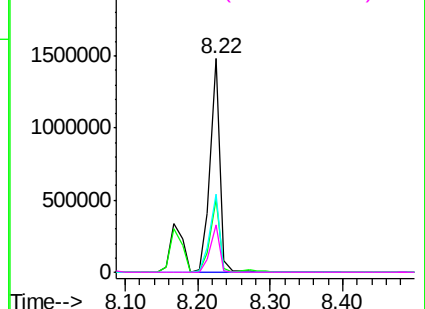
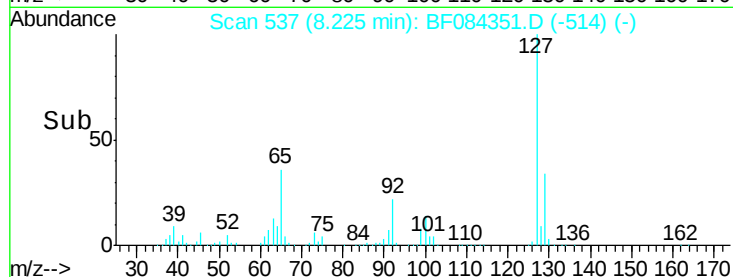
#33
4-Chloroaniline
Concen: 39.30 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :

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

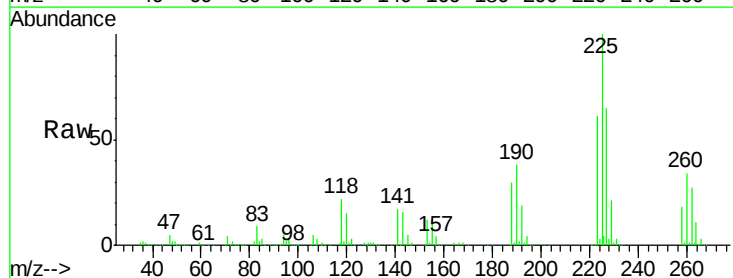


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

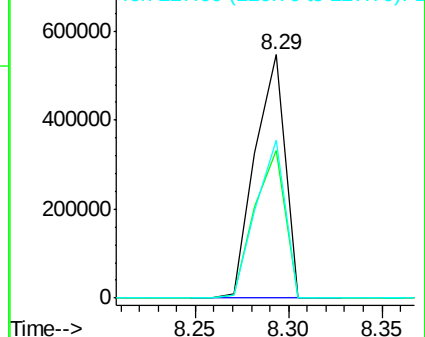
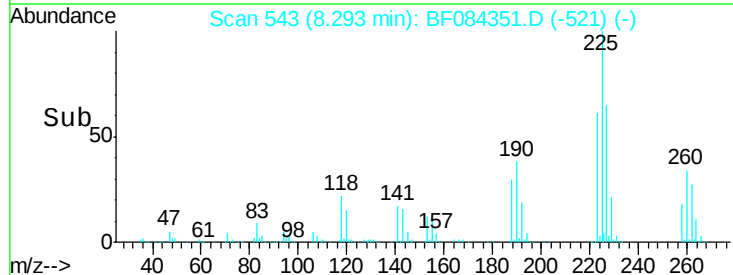


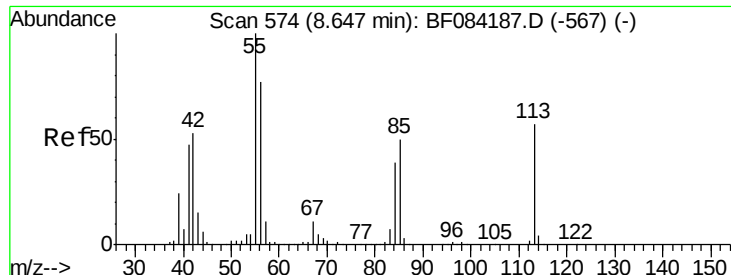
#34
Hexachlorobutadiene
Concen: 42.96 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

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

ClientSampled :

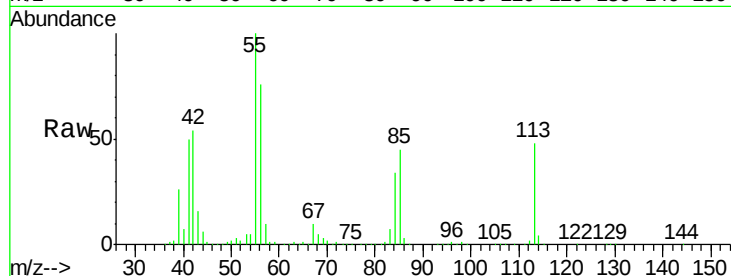
Tot Ion:113 Resp: 354289

Ion Ratio Lower Upper

113 100

55 208.6 116.9 156.9#

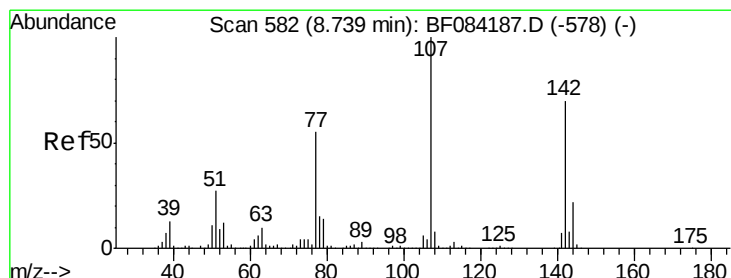
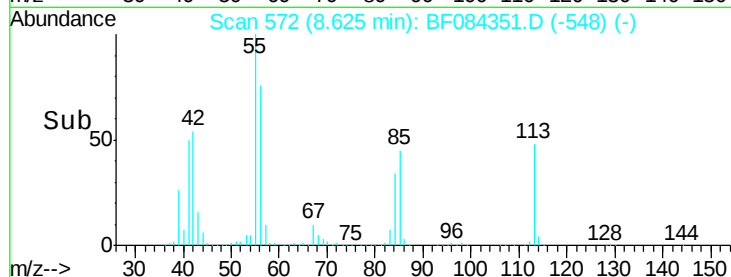
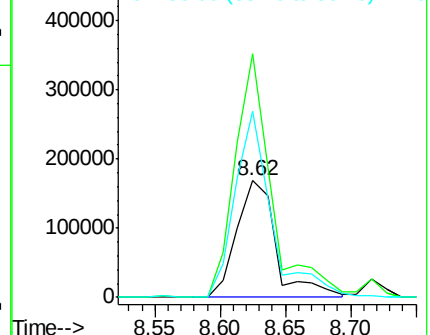
56 159.0 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 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

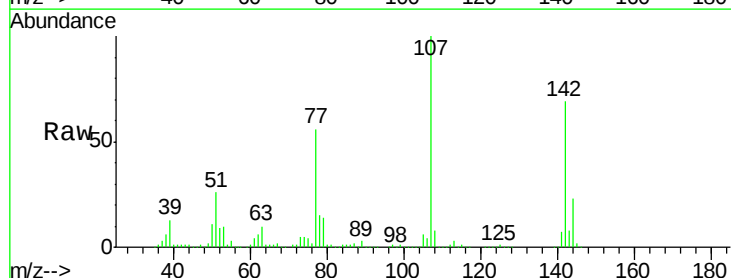
Tgt Ion:107 Resp: 1022688

Ion Ratio Lower Upper

107 100

144 22.6 19.7 29.5

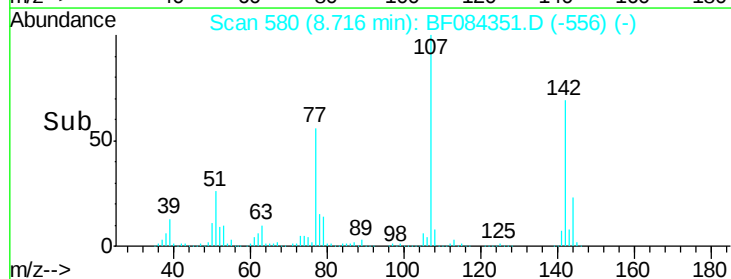
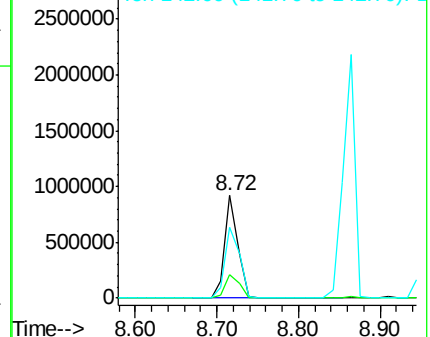
142 69.3 61.8 92.6

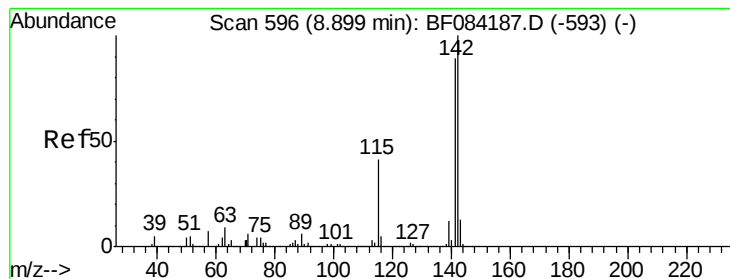


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.07 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 :

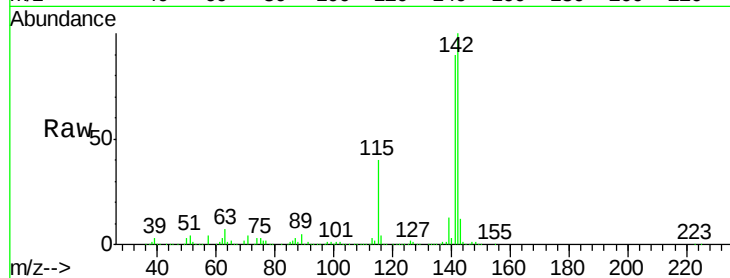
Tot Ion:142 Resp: 2273440

Ion Ratio Lower Upper

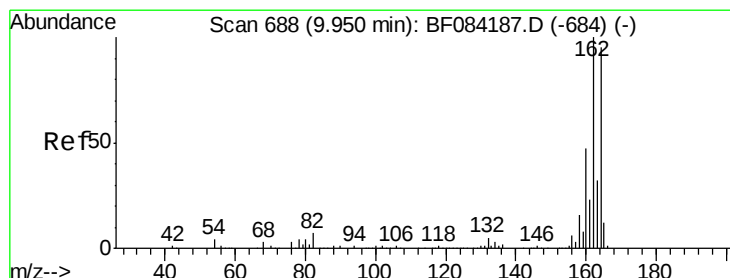
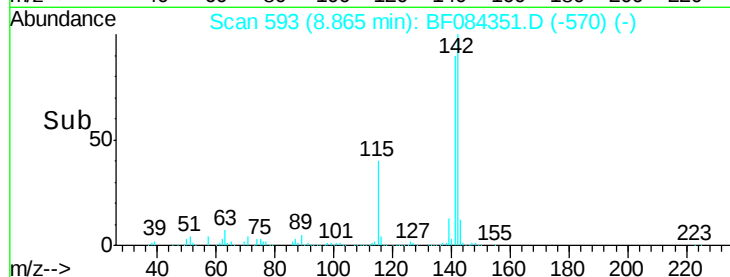
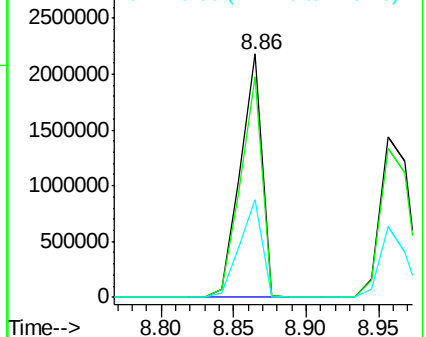
142 100

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

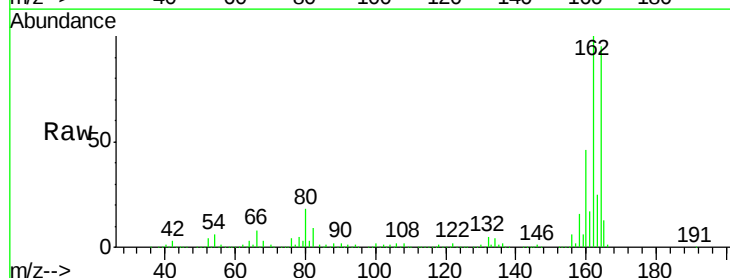
Tgt Ion:164 Resp: 820042

Ion Ratio Lower Upper

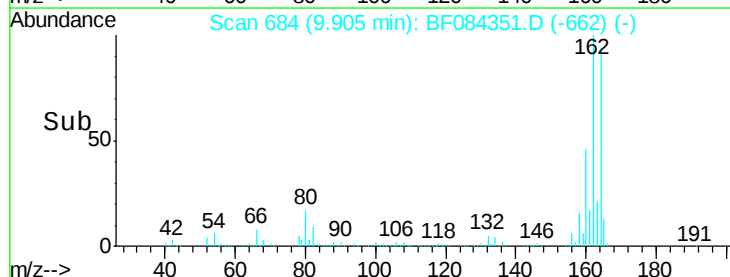
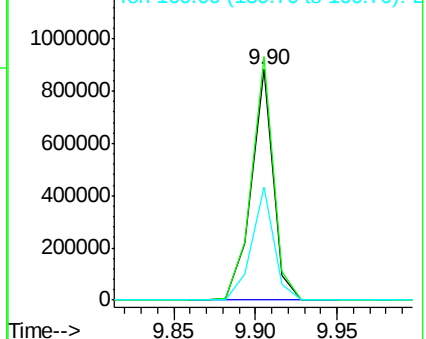
164 100

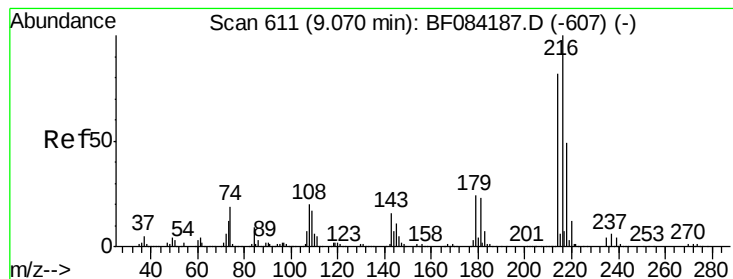
162 105.8 85.1 127.7

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 :

Tot Ion:216 Resp: 835310

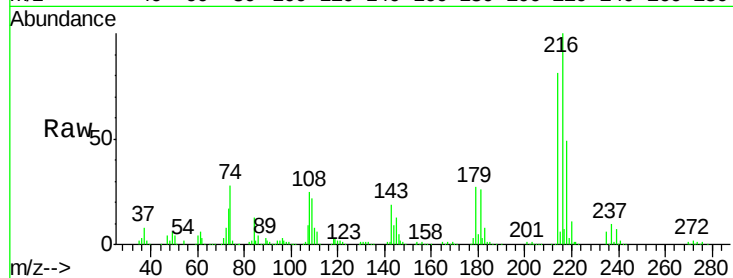
Ion Ratio Lower Upper

216 100

214 80.1 64.2 96.2

179 24.9 18.7 28.1

108 23.8 16.8 25.2

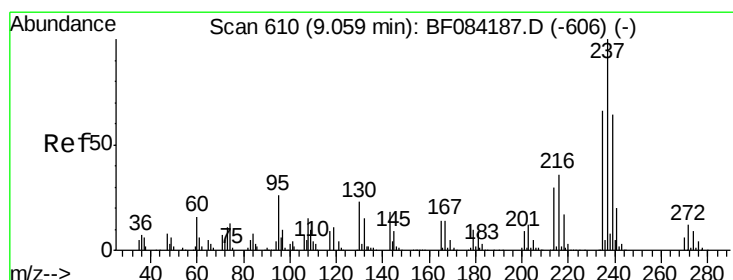
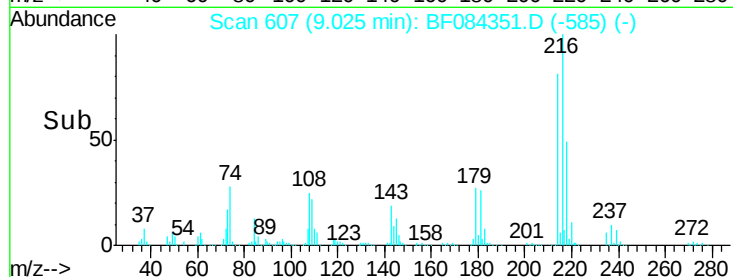
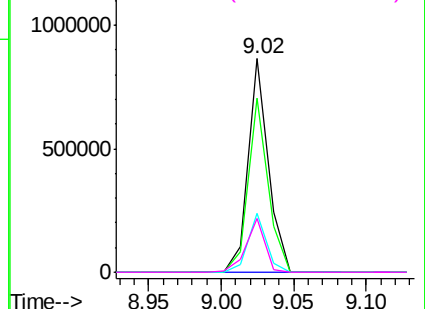


Abundance Ion 216.00 (215.70 to 216.70): E

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

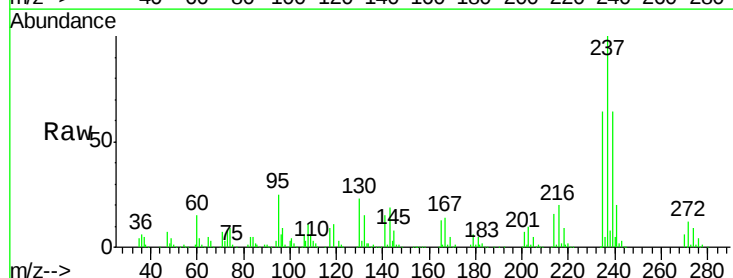
Tgt Ion:237 Resp: 455932

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

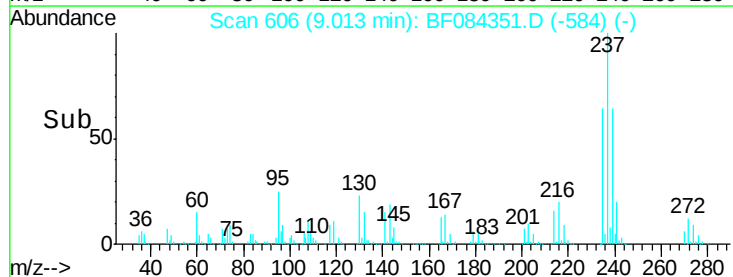
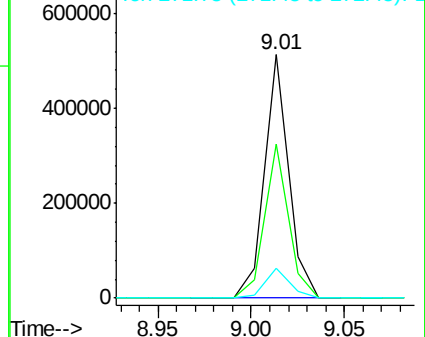
272 12.2 0.0 35.1

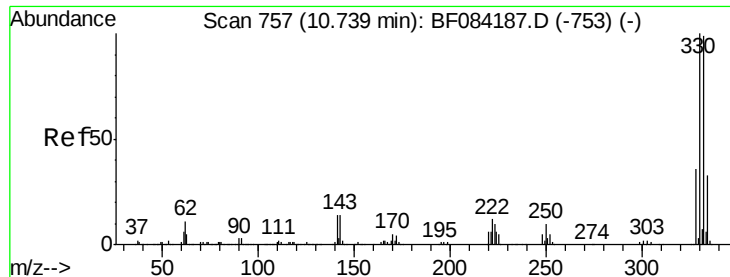


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

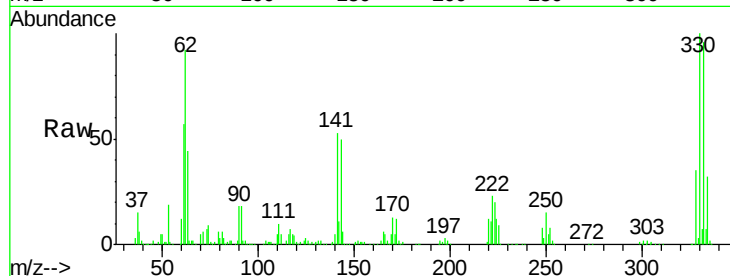




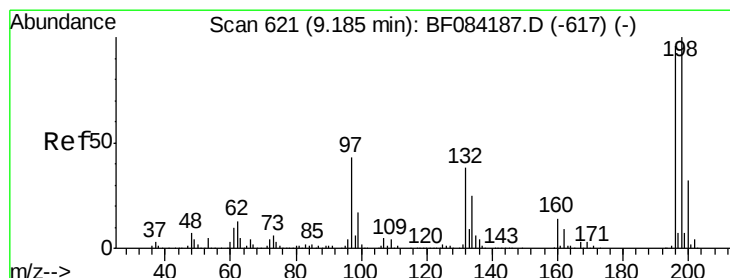
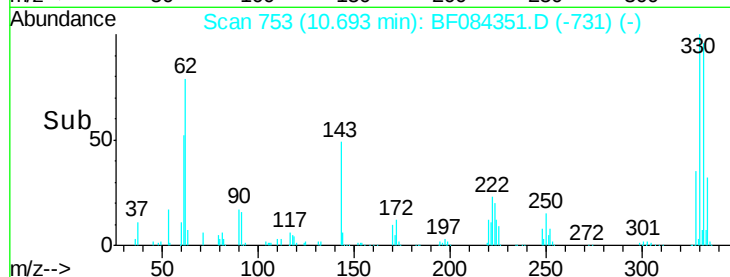
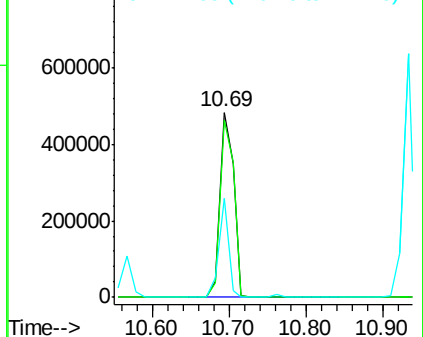
#41
 2,4,6-Tribromophenol
 Concen: 74.12 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Instrument :
 BNA_F
 ClientSampleId :

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

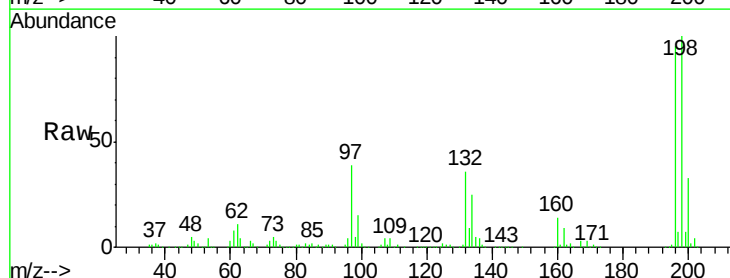


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

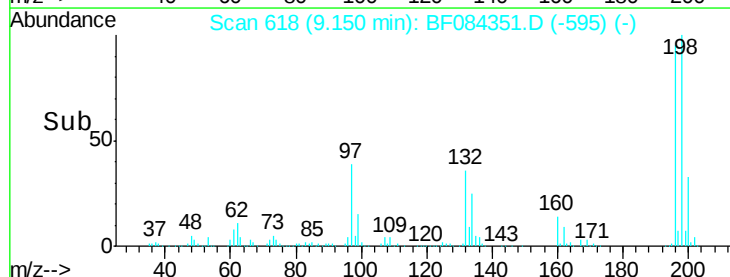
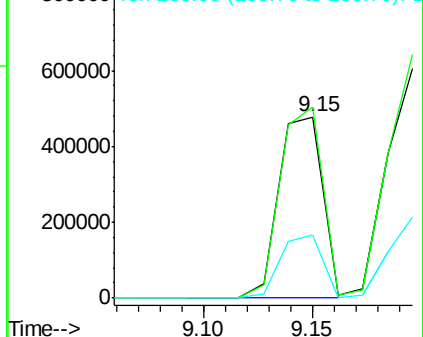


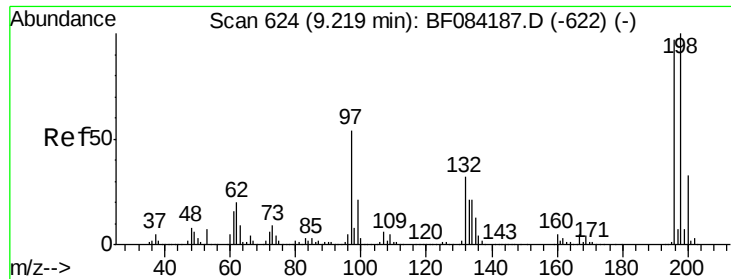
#42
 2,4,6-Trichlorophenol
 Concen: 38.22 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

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

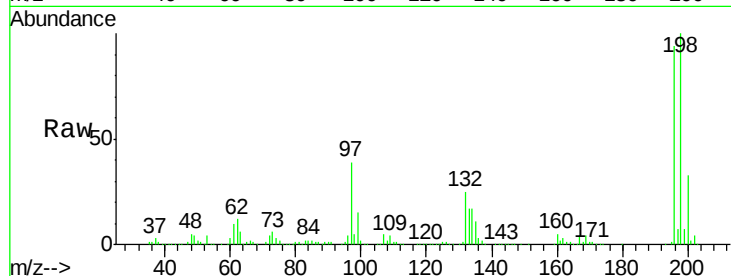




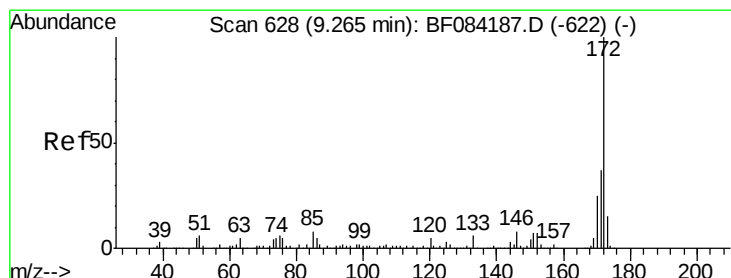
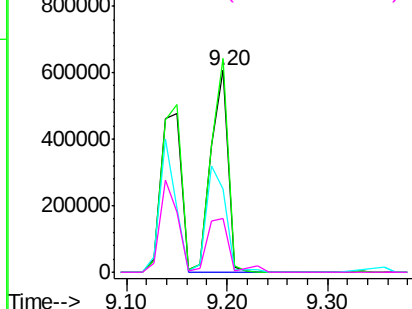
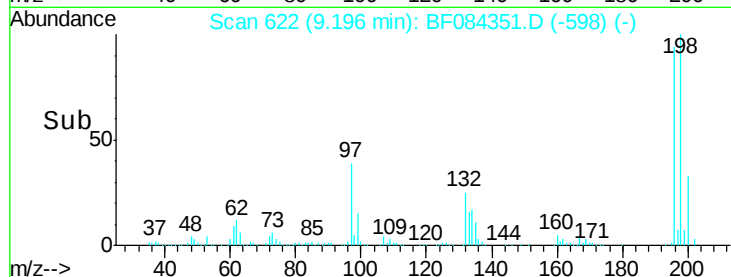
#43
 2,4,5-Trichlorophenol
 Concen: 41.99 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

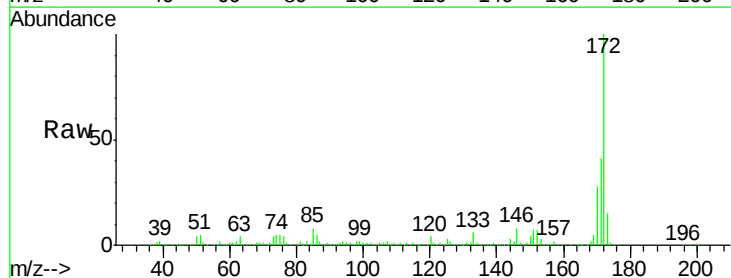


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

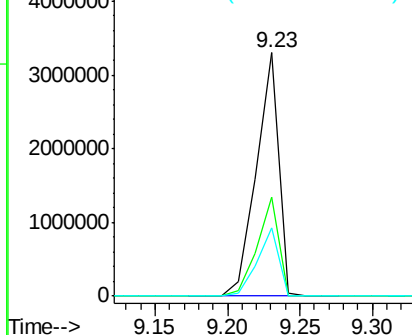
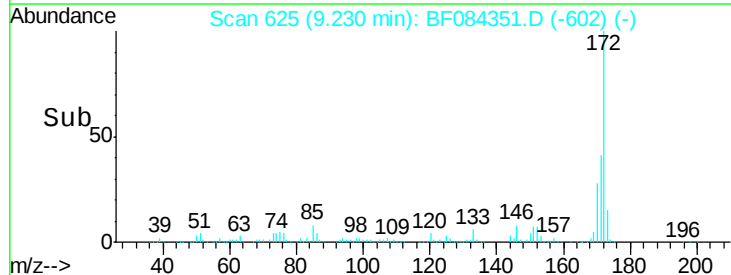


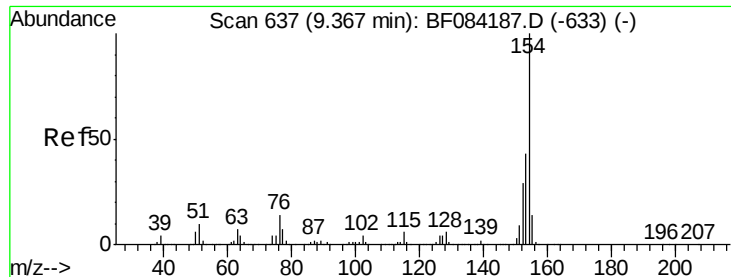
#44
 2-Fluorobiphenyl
 Concen: 74.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Tgt Ion	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

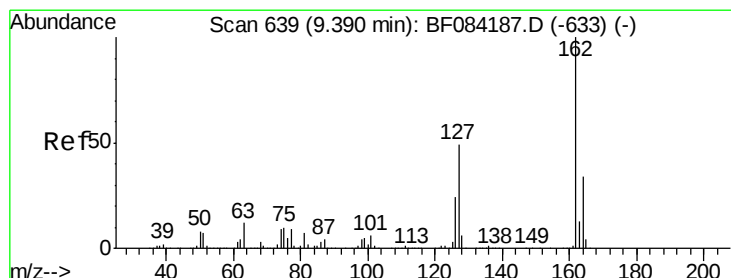
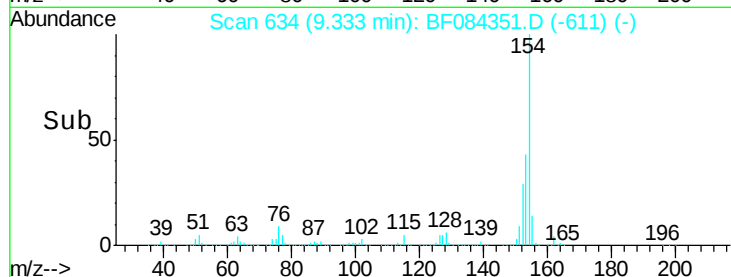
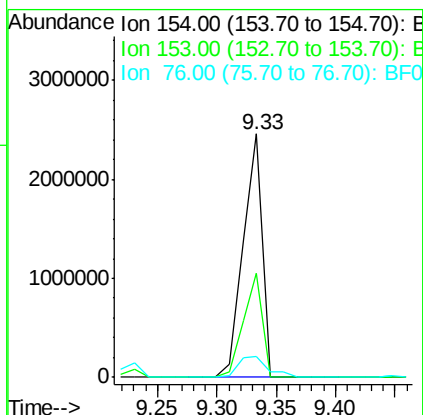
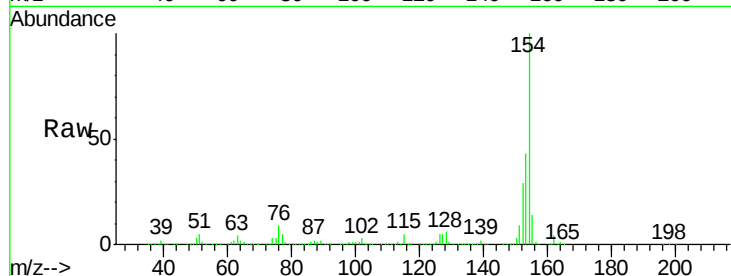




#45
 1,1'-Biphenyl
 Concen: 41.95 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

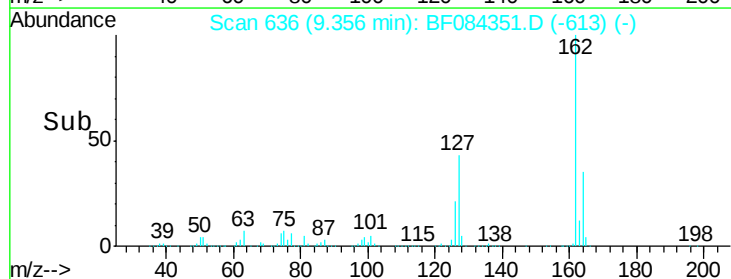
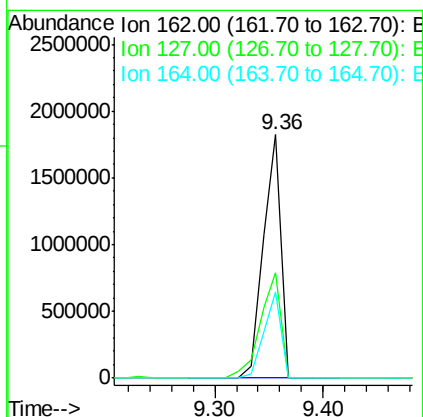
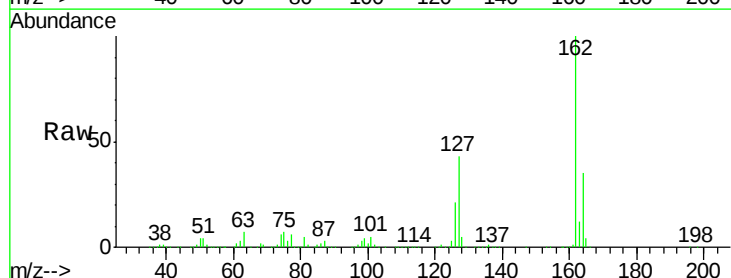
Instrument :
 BNA_F
 ClientSampleId :

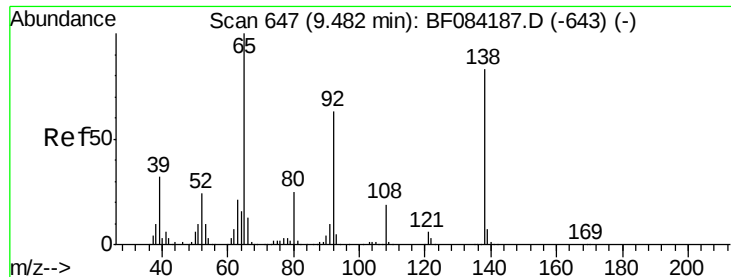
Tot Ion:154 Resp: 2733861
 Ion Ratio Lower Upper
 154 100
 153 42.6 21.6 61.6
 76 8.7 0.0 32.7



#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





#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 :

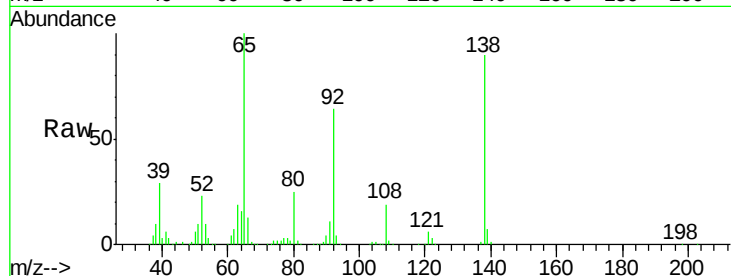
Tot Ion: 65 Resp: 692600

Ion Ratio Lower Upper

65 100

92 63.5 53.4 80.2

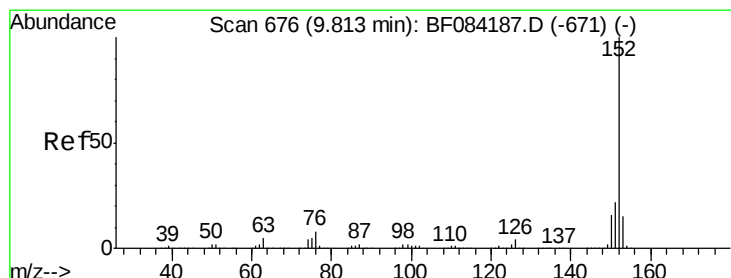
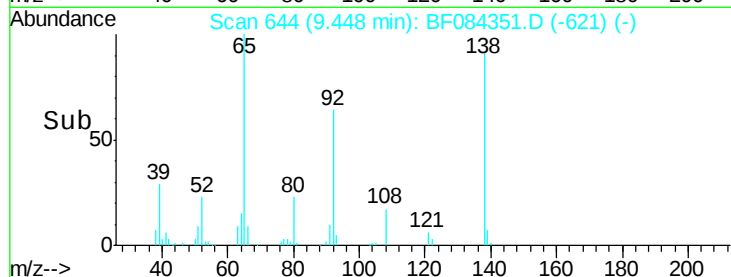
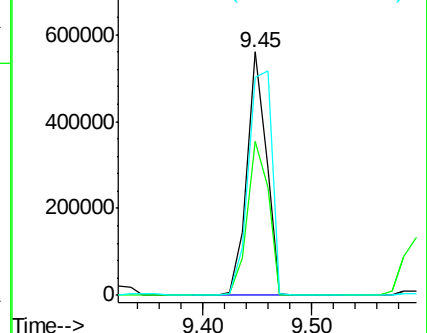
138 89.7 71.1 106.7



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

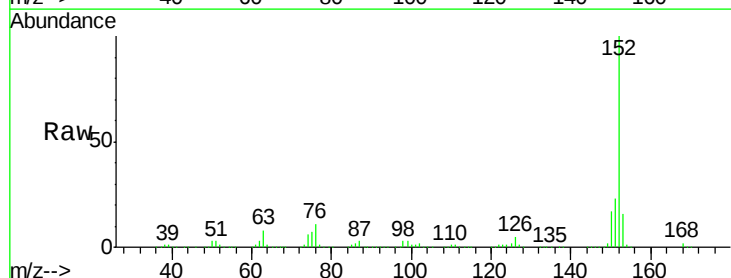
Tgt Ion: 152 Resp: 2716586

Ion Ratio Lower Upper

152 100

151 22.9 16.3 24.5

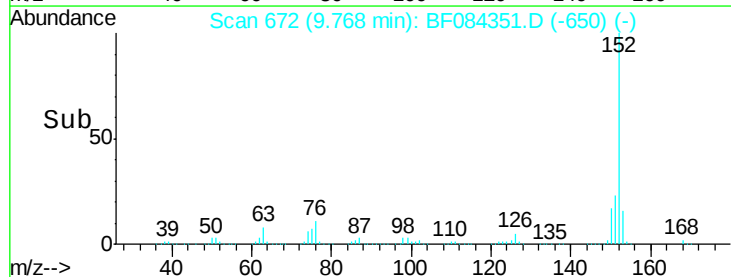
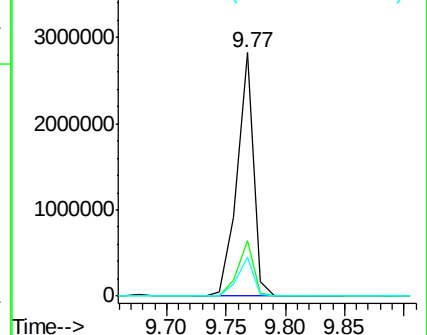
153 16.0 10.4 15.6#

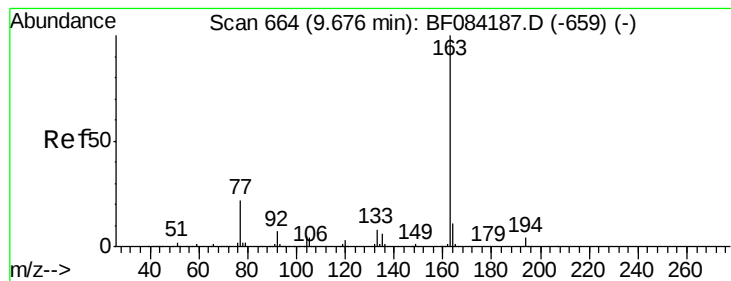


Abundance Ion 152.00 (151.70 to 152.70): E

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

ClientSampled :

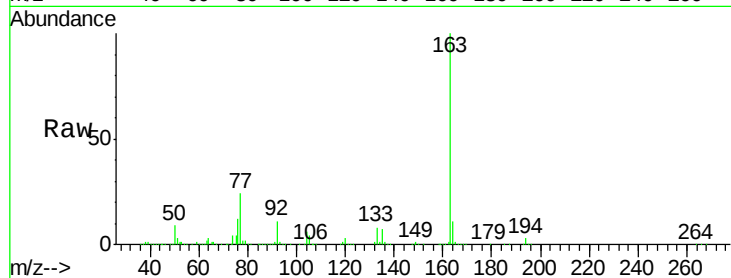
Tot Ion:163 Resp: 2401704

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

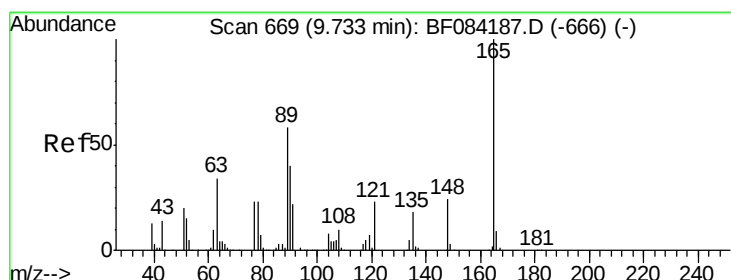
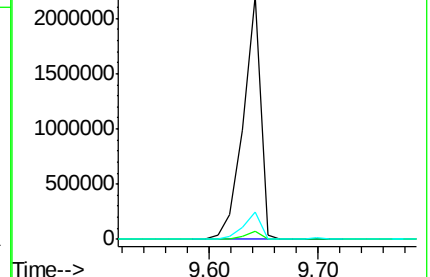
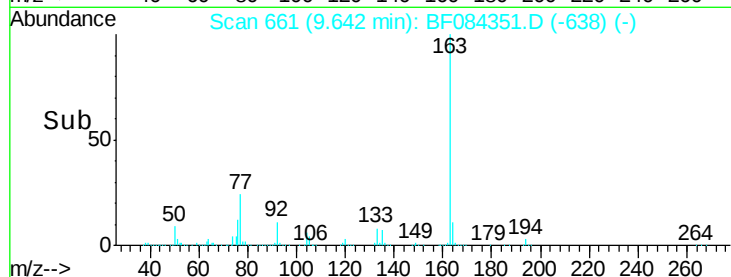
164 11.0 8.0 12.0



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

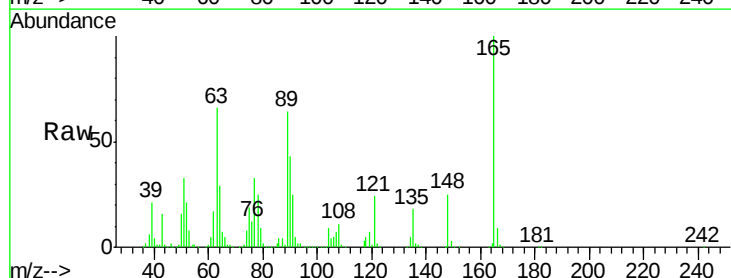
Tgt Ion:165 Resp: 561736

Ion Ratio Lower Upper

165 100

63 65.6 28.8 43.2#

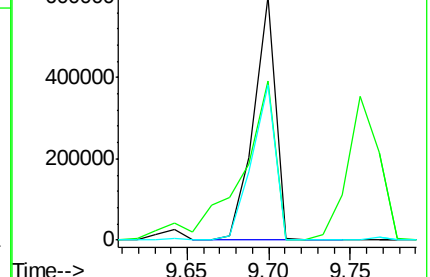
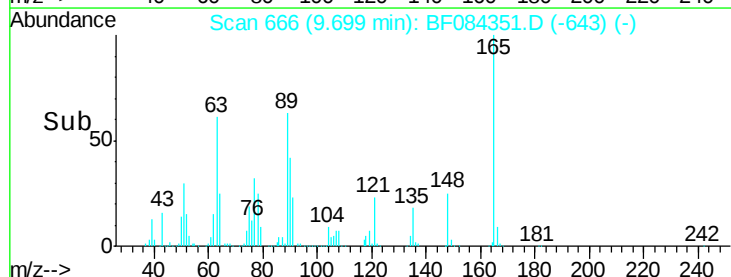
89 63.6 35.1 52.7#

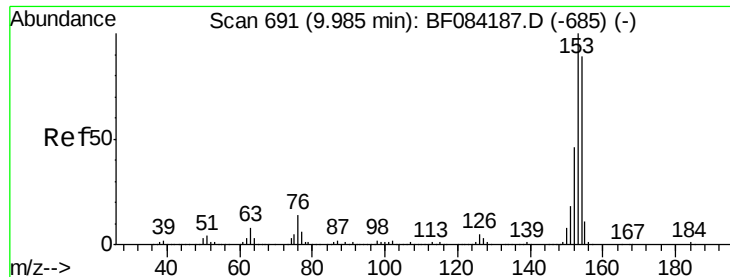


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

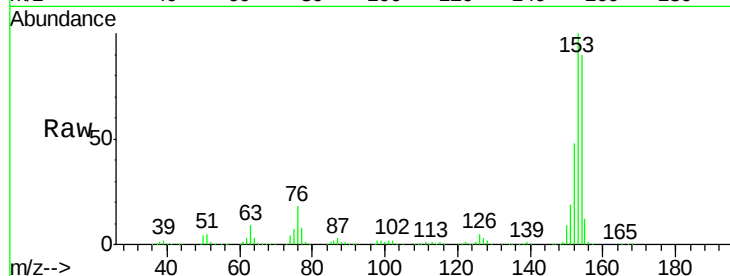
Tot Ion:154 Resp: 1807324

Ion Ratio Lower Upper

154 100

153 111.7 91.5 137.3

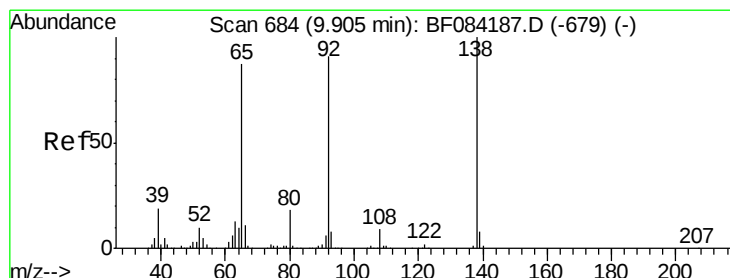
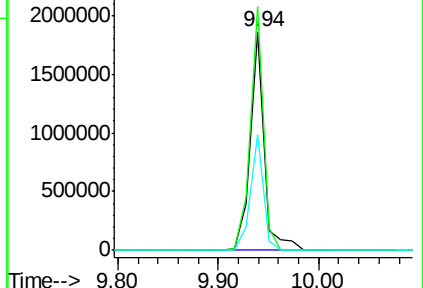
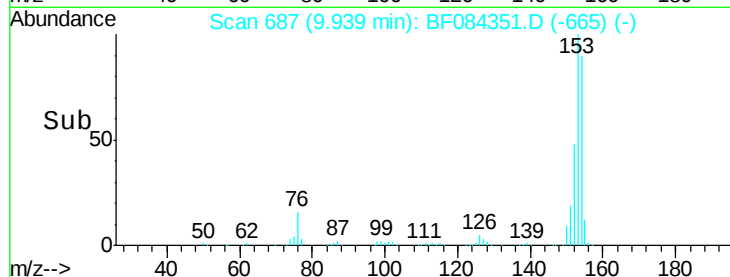
152 53.1 43.0 64.6



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

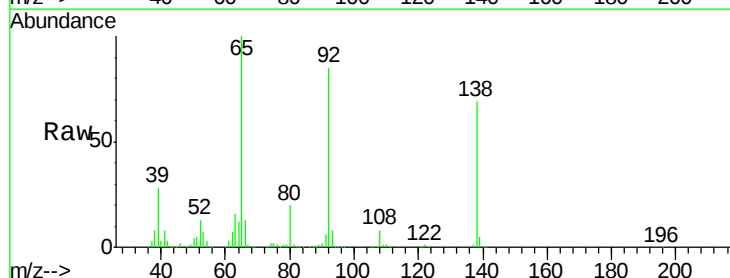
Tgt Ion:138 Resp: 609848

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

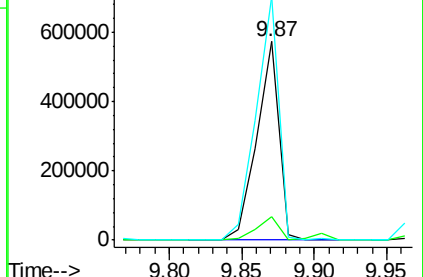
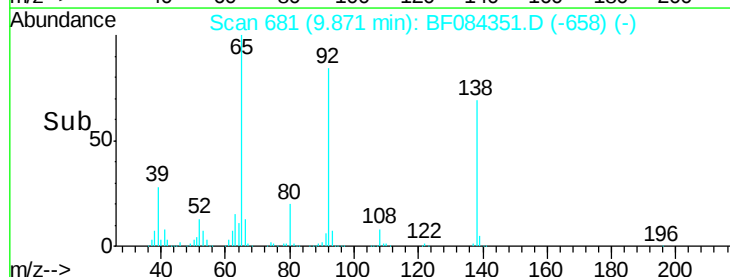
92 122.6 103.9 155.9

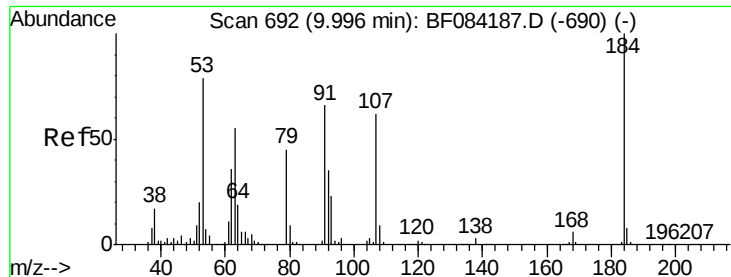


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

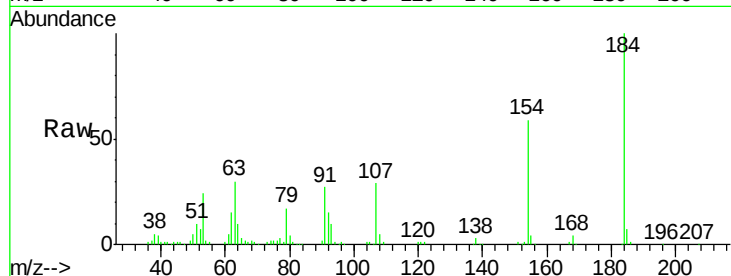




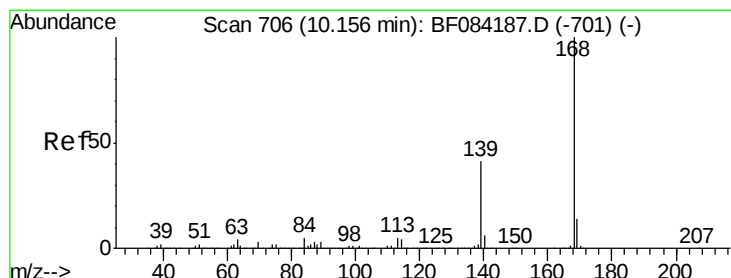
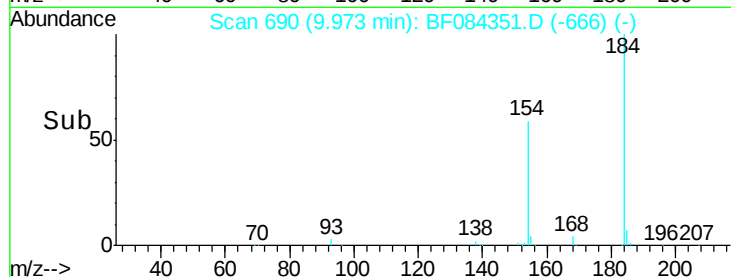
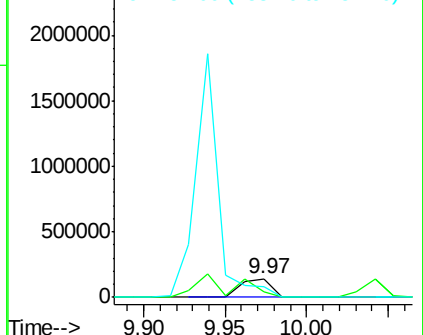
#53
2,4-Dinitrophenol
Concen: 37.08 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampled :

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#

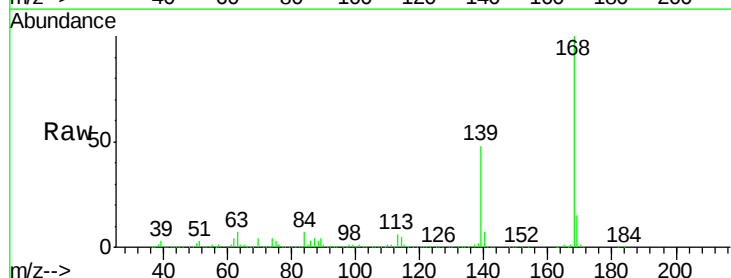


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

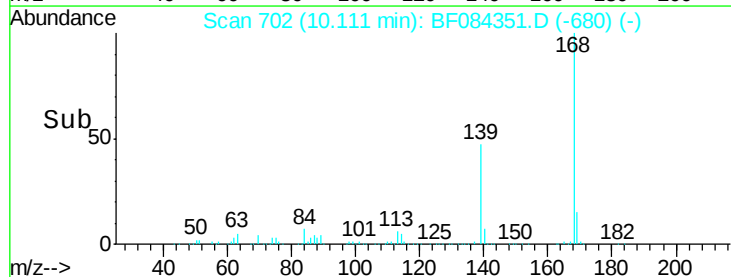
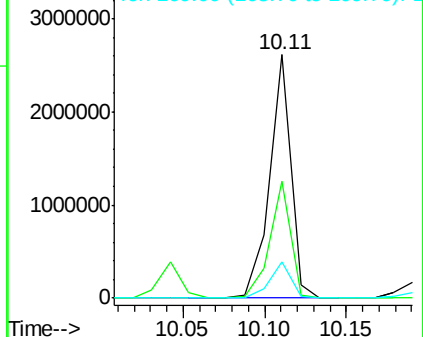


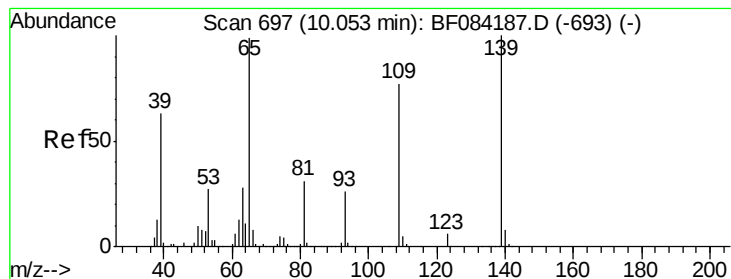
#54
Dibenzofuran
Concen: 35.64 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

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 :

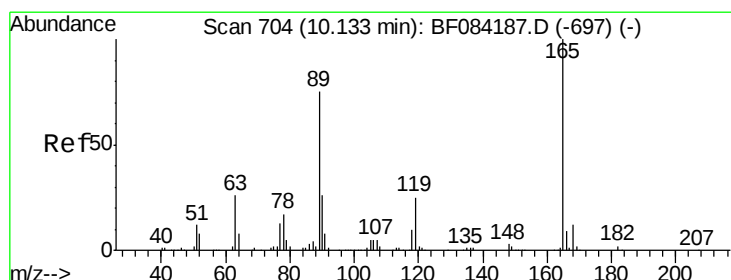
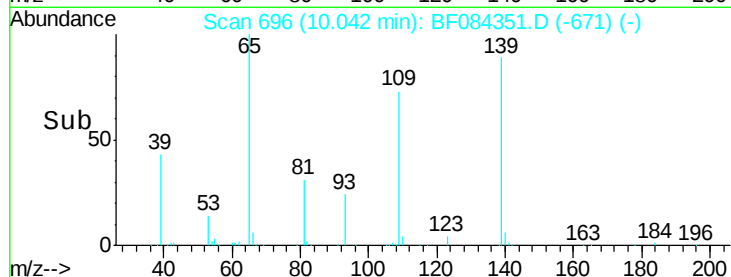
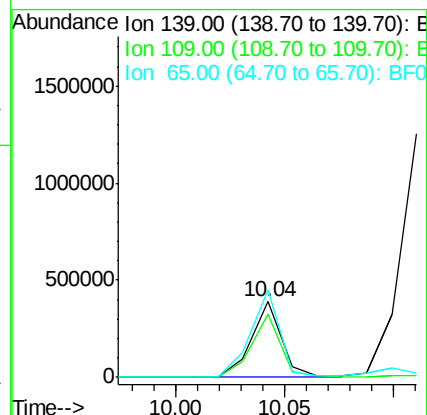
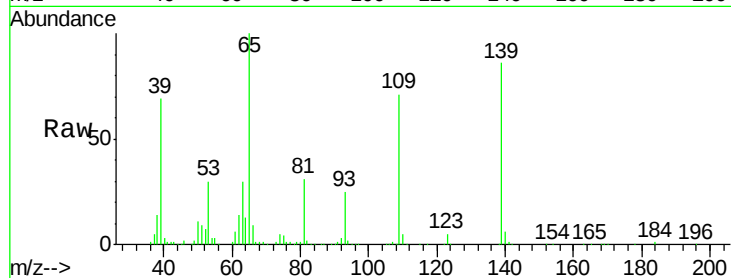
Tot Ion:139 Resp: 378378

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

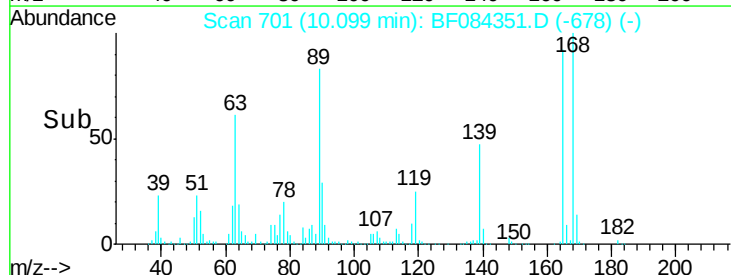
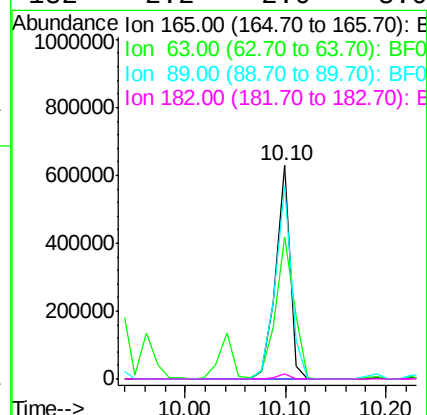
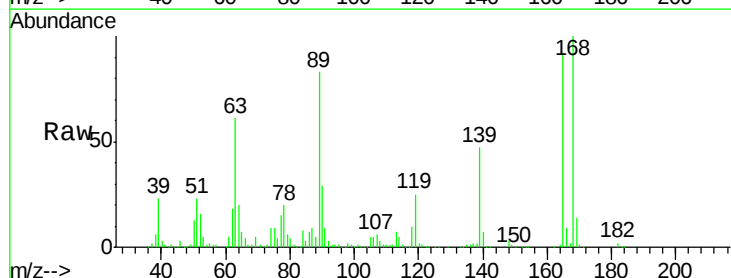
Ion Ratio Lower Upper

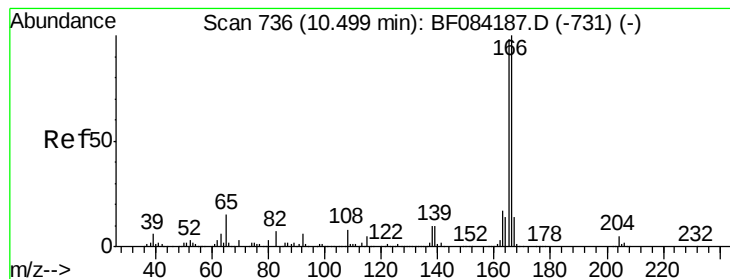
165 100

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 :

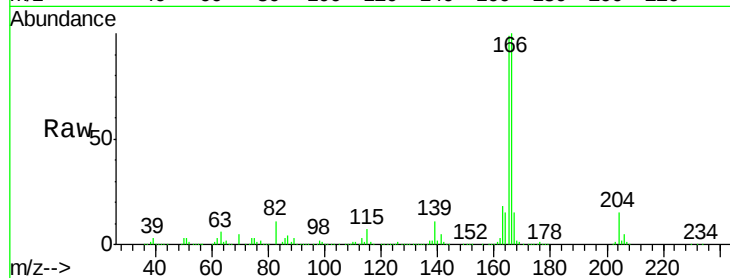
Tot Ion:166 Resp: 1947000

Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

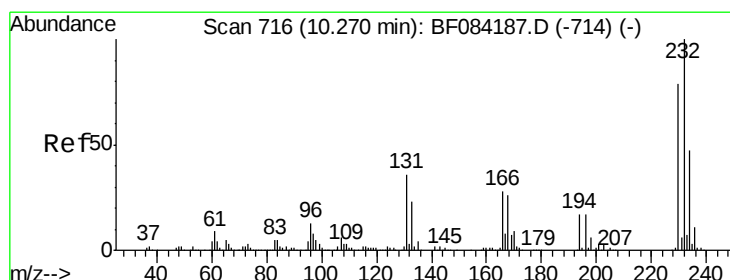
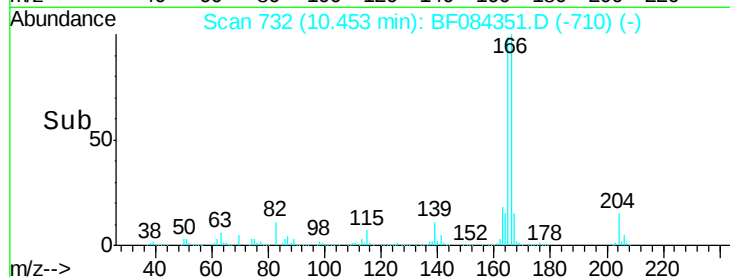
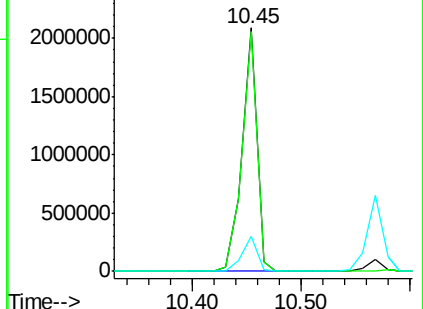
167 14.6 10.4 15.6



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

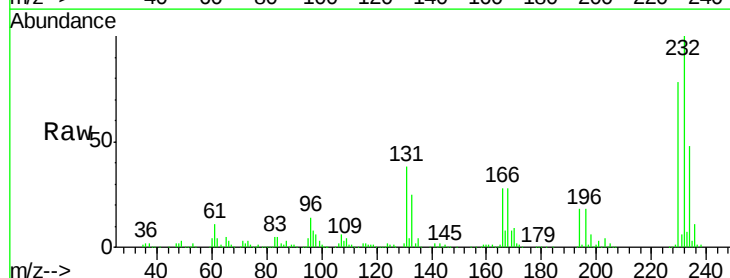
Ion Ratio Lower Upper

232 100

131 50.7 47.0 70.6

130 2.5 2.0 3.0

166 33.4 30.5 45.7

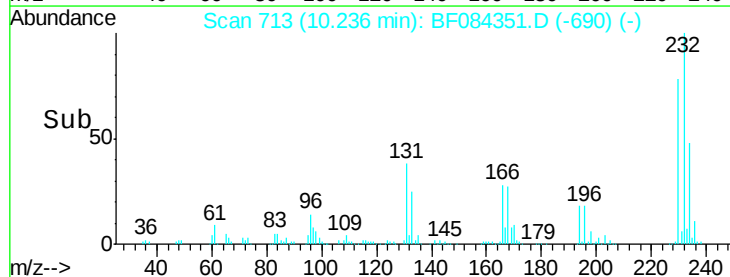
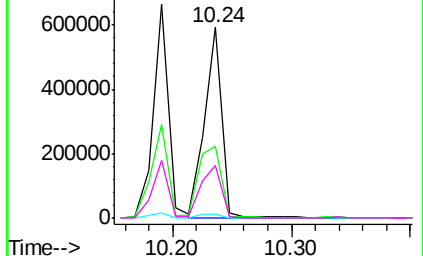


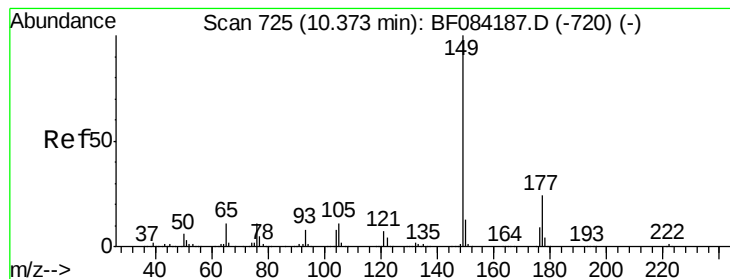
Abundance Ion 232.00 (231.70 to 232.70): E

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 :

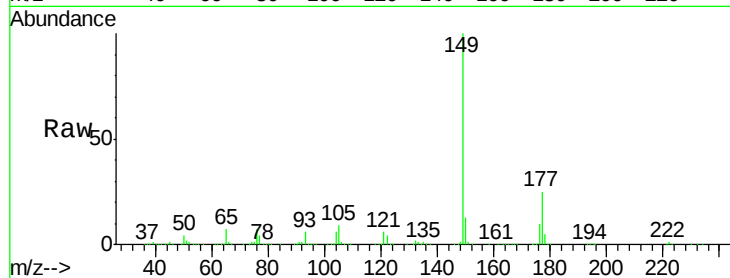
Tot Ion:149 Resp: 2372098

Ion Ratio Lower Upper

149 100

177 25.3 17.3 25.9

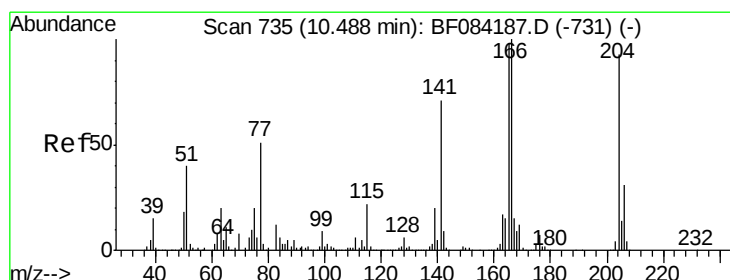
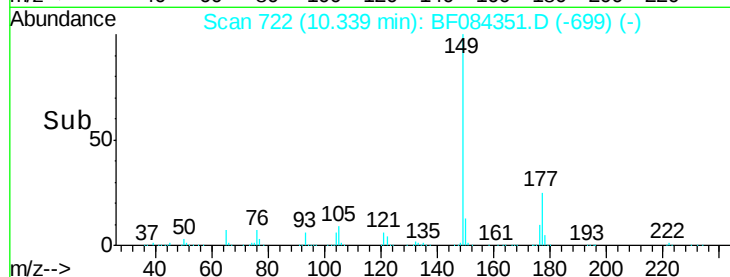
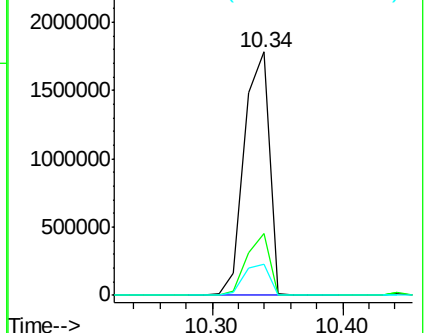
150 12.9 9.8 14.8



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

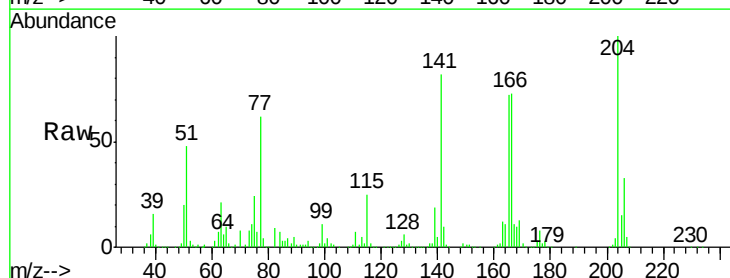
Tgt Ion:204 Resp: 834738

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

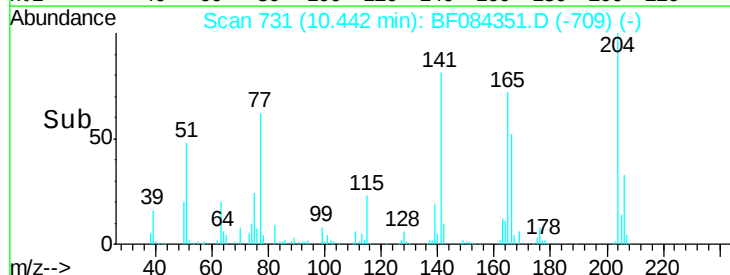
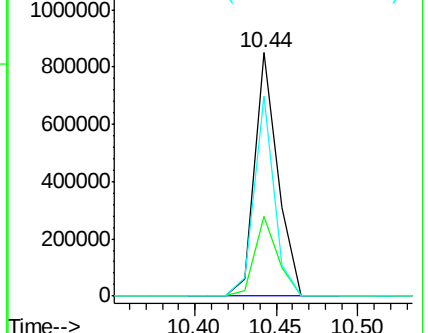
141 82.2 55.1 82.7

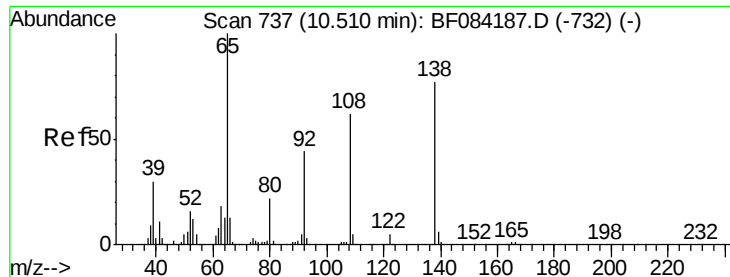


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

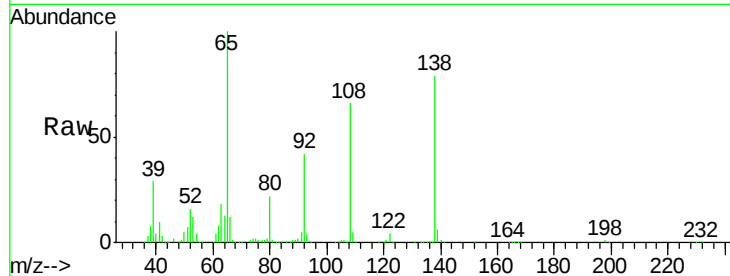




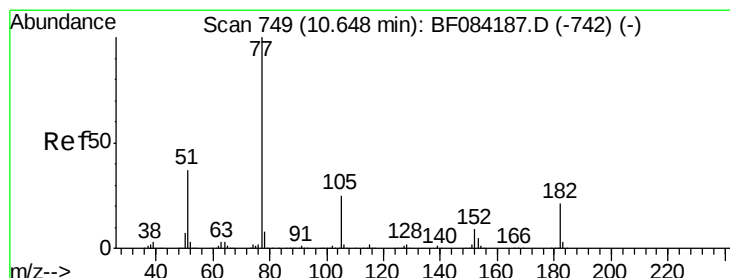
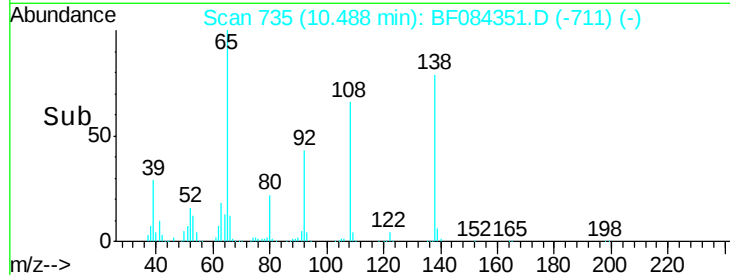
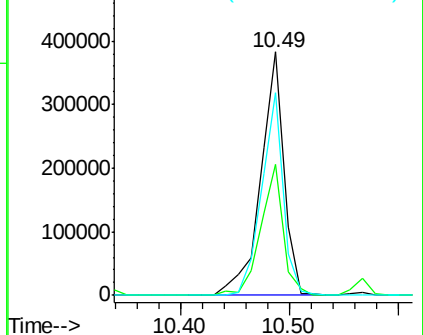
#61
4-Nitroaniline
Concen: 40.49 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampled :

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

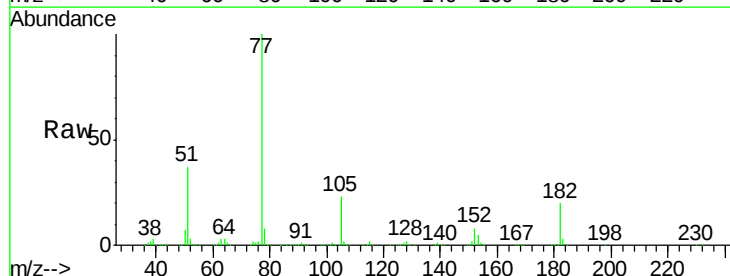


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

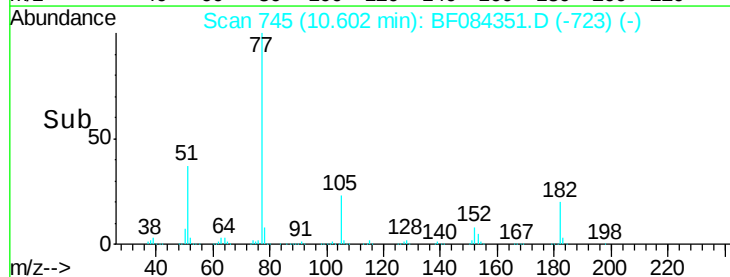
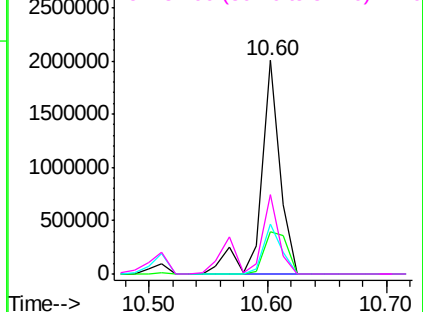


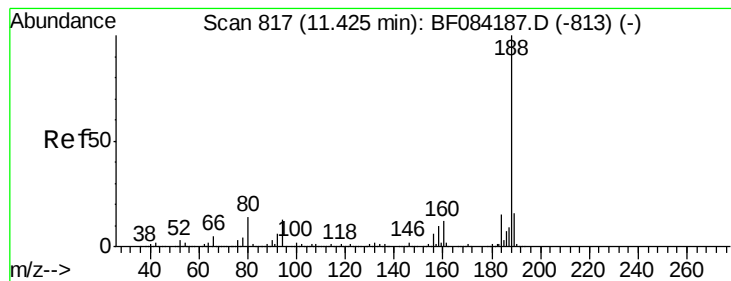
#62
Azobenzene
Concen: 35.30 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

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 :

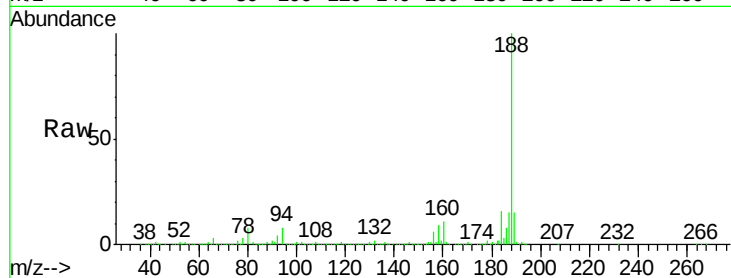
Tot Ion:188 Resp: 1558414

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.4#

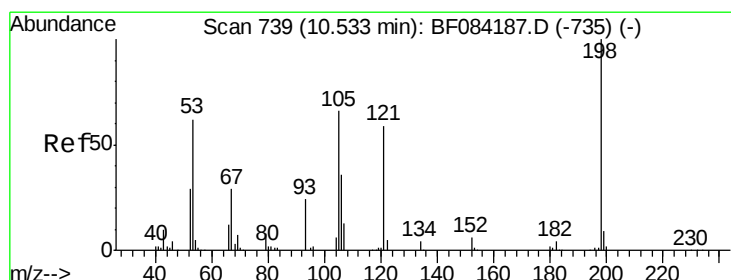
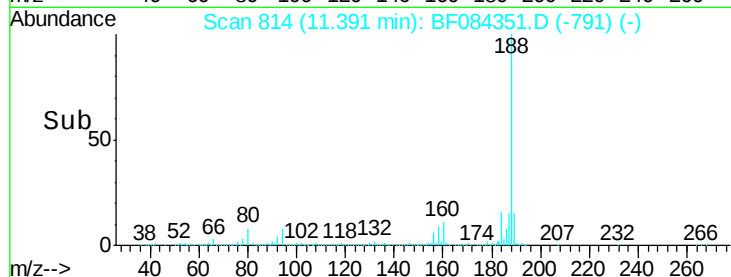
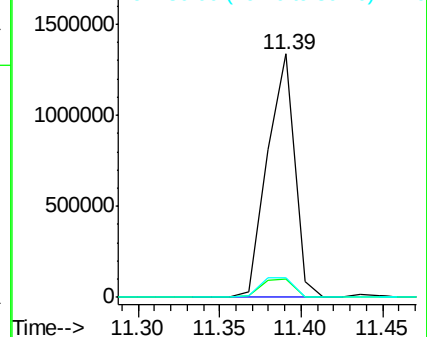
80 8.1 9.6 14.4#



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

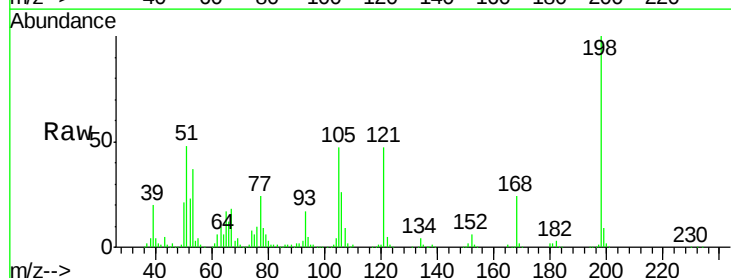
Tgt Ion:198 Resp: 359653

Ion Ratio Lower Upper

198 100

51 48.4 18.9 58.9

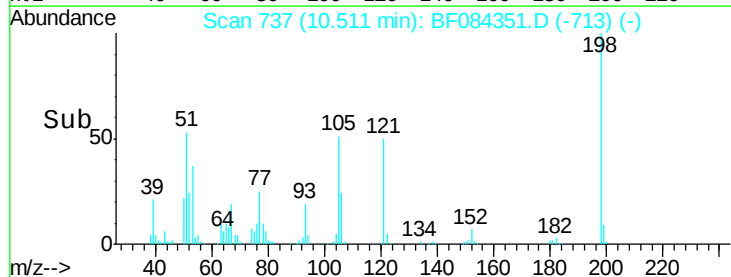
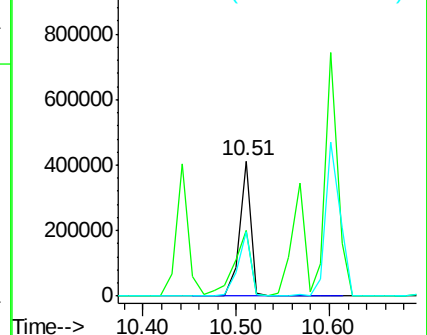
105 47.3 26.4 66.4

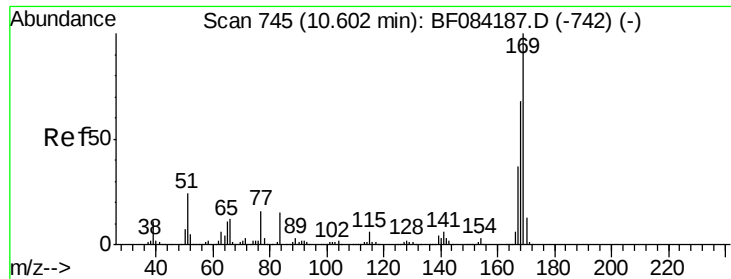


Abundance Ion 198.00 (197.70 to 198.70): E

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 :

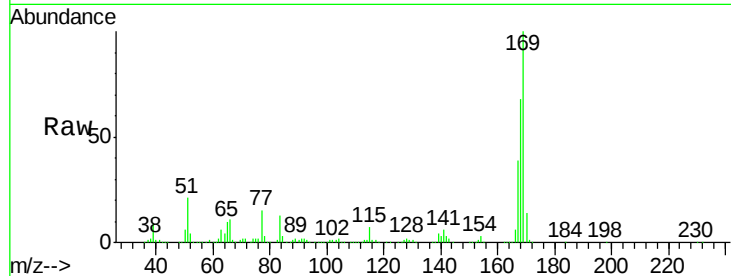
Tot Ion:169 Resp: 1662797

Ion Ratio Lower Upper

169 100

168 67.7 55.1 82.7

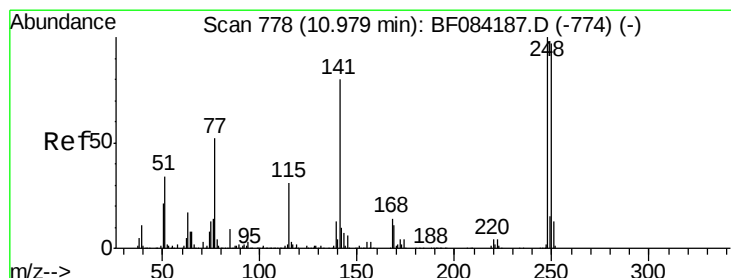
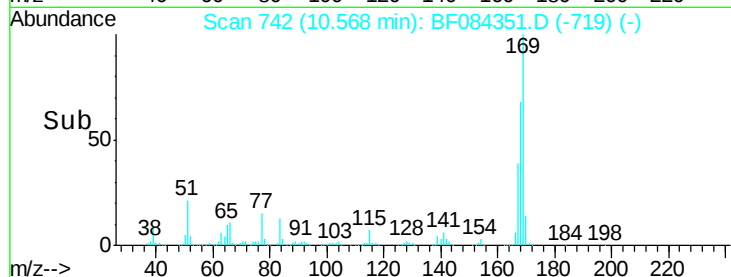
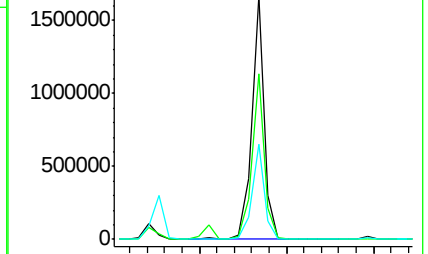
167 39.2 30.0 45.0



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



#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

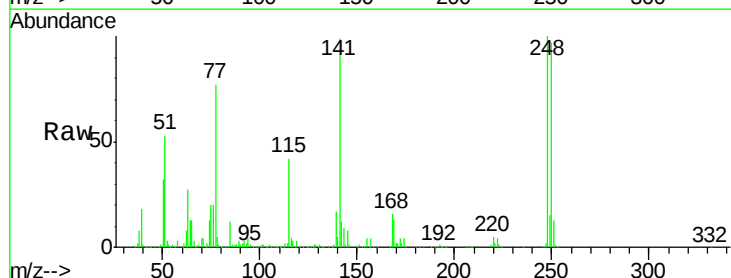
Tgt Ion:248 Resp: 587542

Ion Ratio Lower Upper

248 100

250 97.3 78.4 117.6

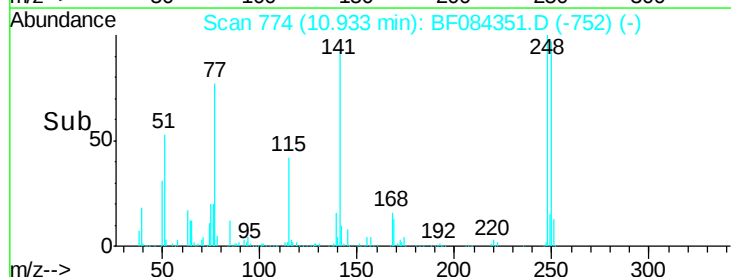
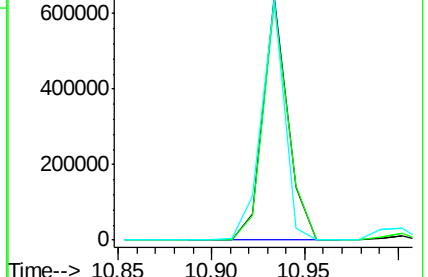
141 98.8 44.0 66.0#

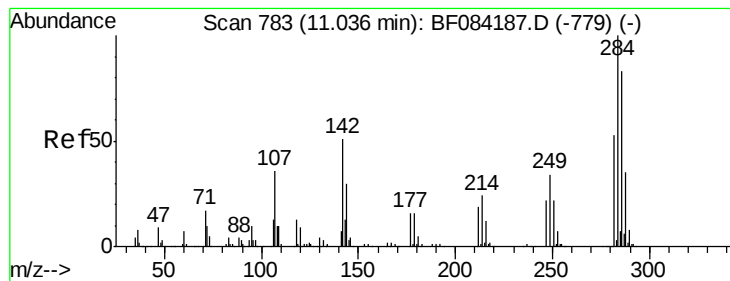


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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 :

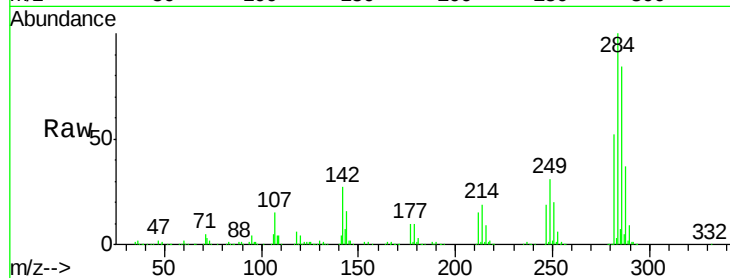
Tot Ion:284 Resp: 758695

Ion Ratio Lower Upper

284 100

142 26.8 22.2 33.4

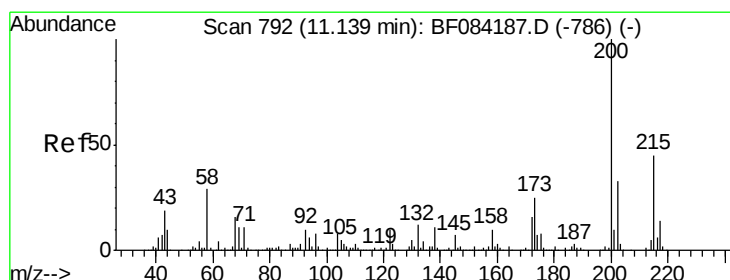
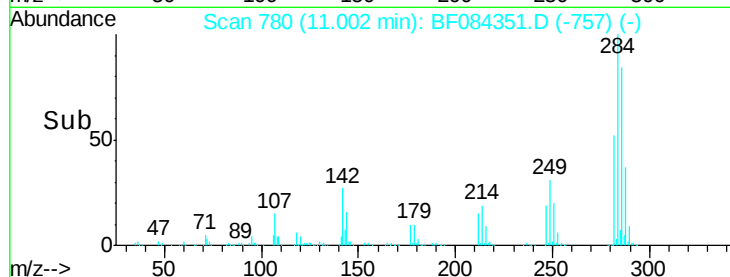
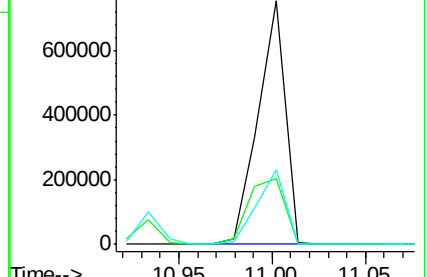
249 30.7 24.6 37.0



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

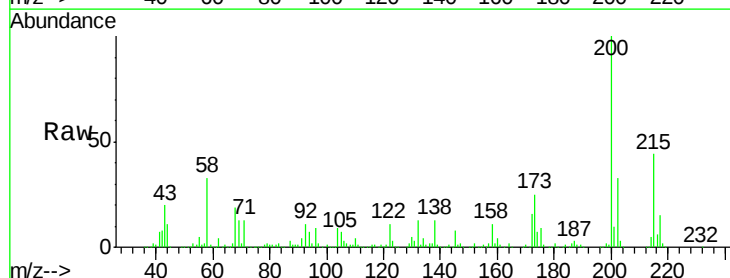
Tgt Ion:200 Resp: 696660

Ion Ratio Lower Upper

200 100

173 25.2 9.5 49.5

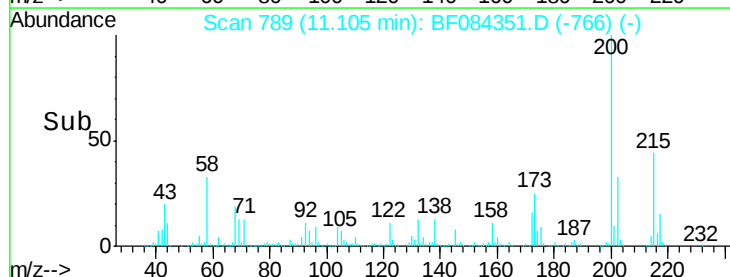
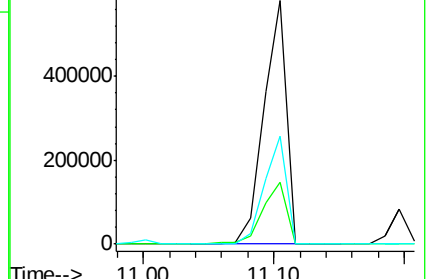
215 44.2 23.8 63.8

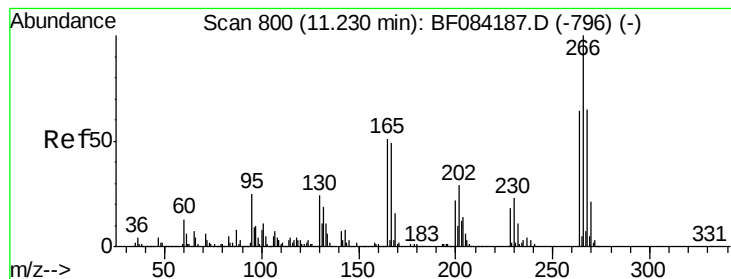


Abundance Ion 200.00 (199.70 to 200.70): E

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 :

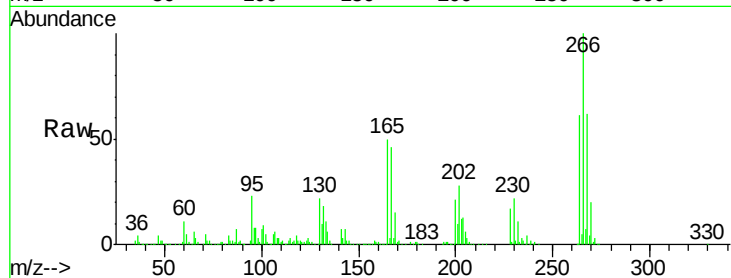
Tot Ion:266 Resp: 361473

Ion Ratio Lower Upper

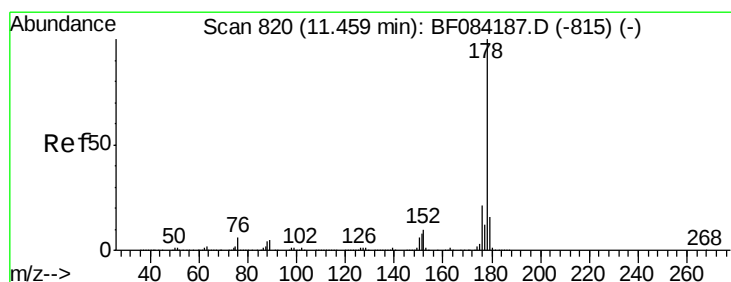
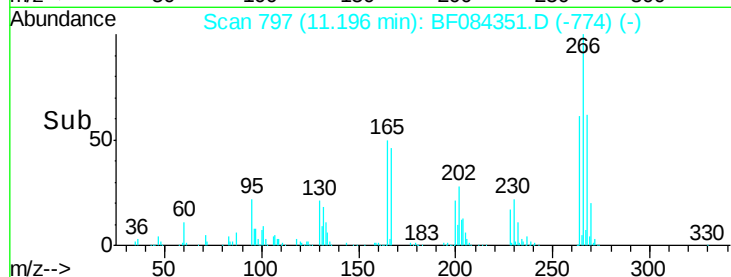
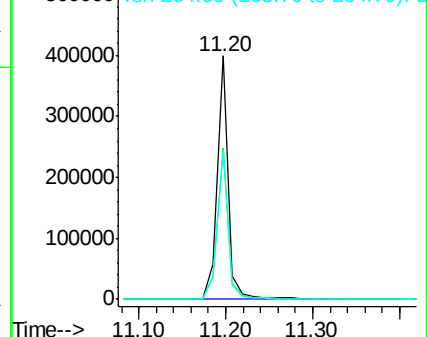
266 100

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

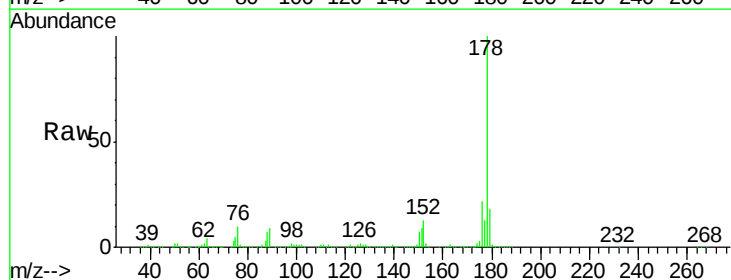
Tgt Ion:178 Resp: 2763887

Ion Ratio Lower Upper

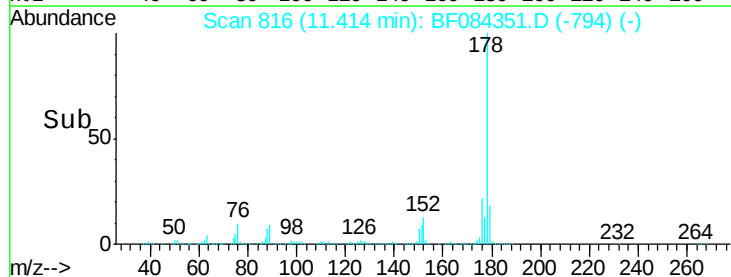
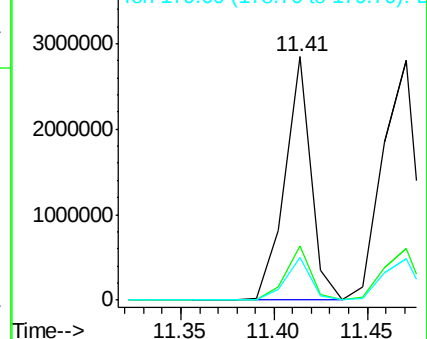
178 100

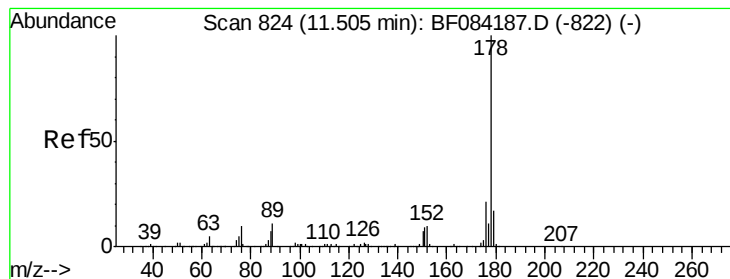
176 22.1 15.3 22.9

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 :

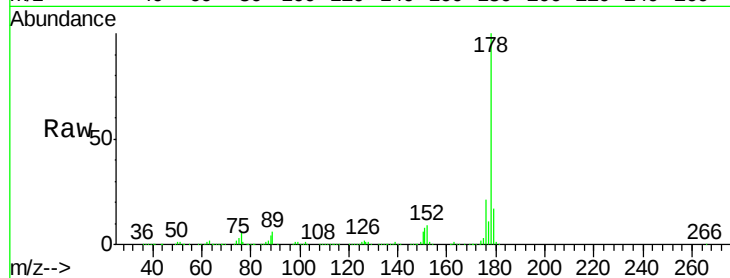
Tot Ion:178 Resp: 3325376

Ion Ratio Lower Upper

178 100

176 21.4 15.4 23.0

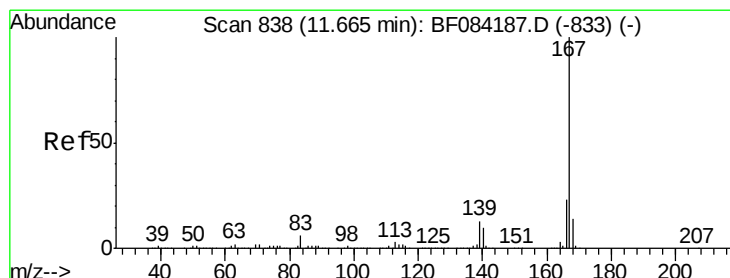
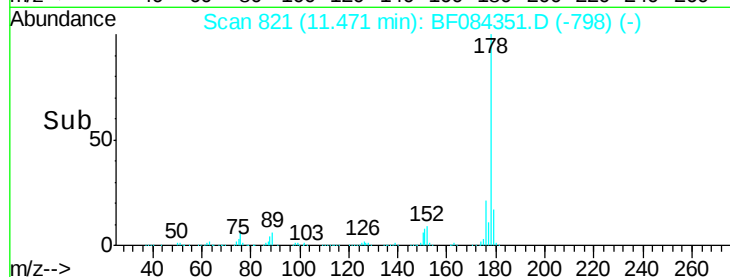
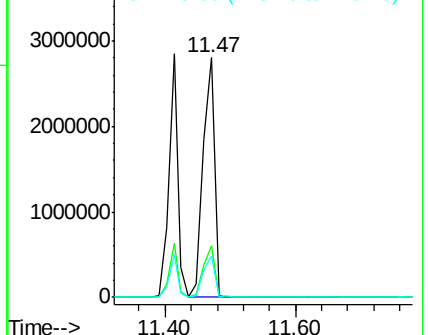
179 17.3 12.5 18.7



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

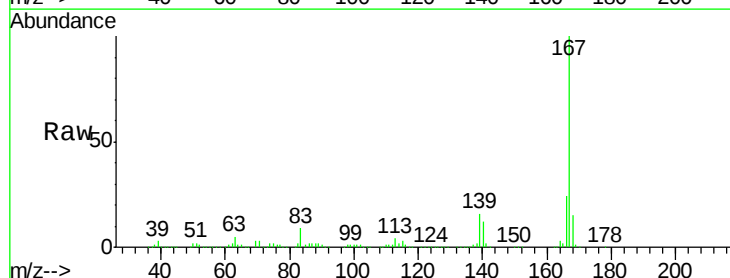
Tgt Ion:167 Resp: 2732780

Ion Ratio Lower Upper

167 100

166 23.6 17.6 26.4

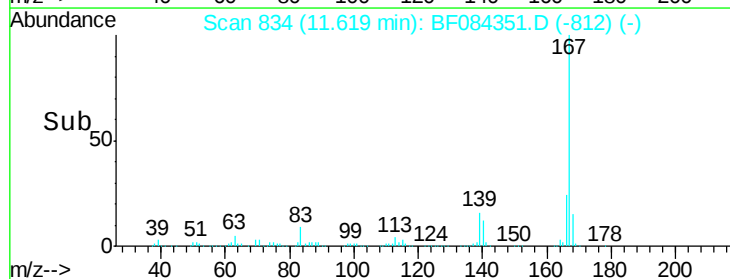
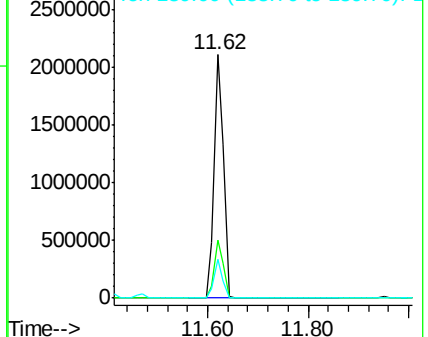
139 15.7 11.8 17.8

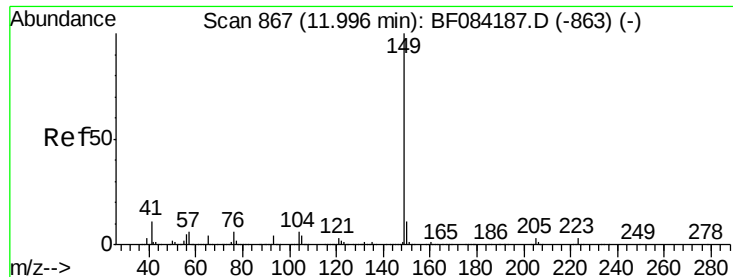


Abundance Ion 167.00 (166.70 to 167.70): E

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 :

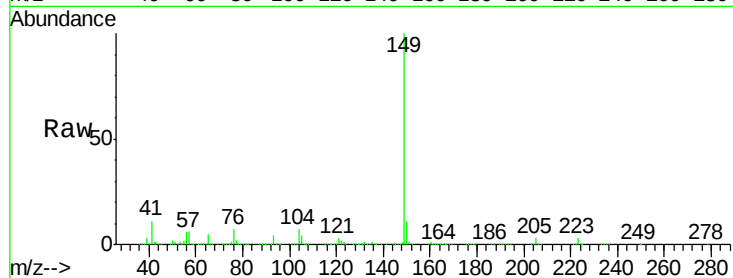
Tot Ion:149 Resp: 3065824

Ion Ratio Lower Upper

149 100

150 10.7 7.1 10.7#

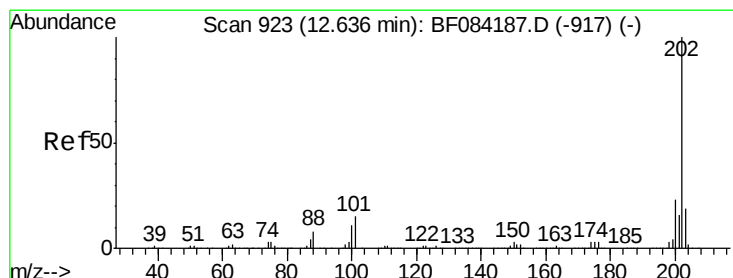
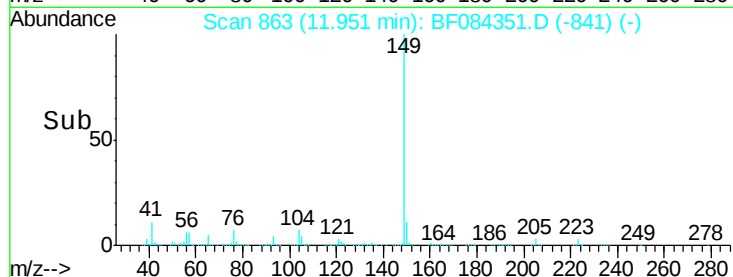
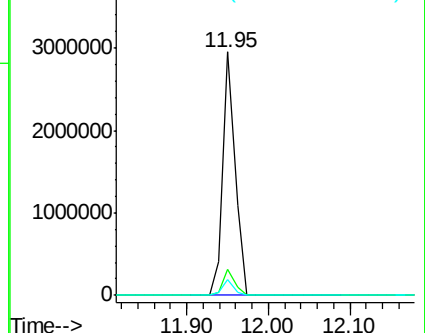
104 6.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

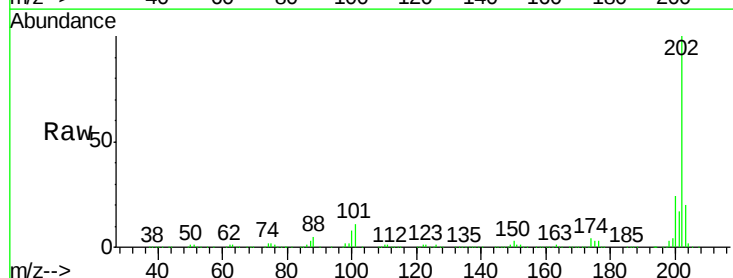
Tgt Ion:202 Resp: 3301407

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.8

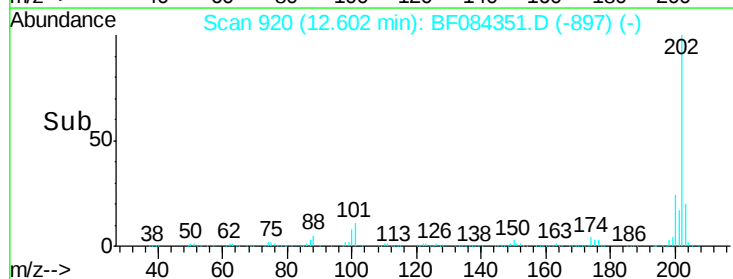
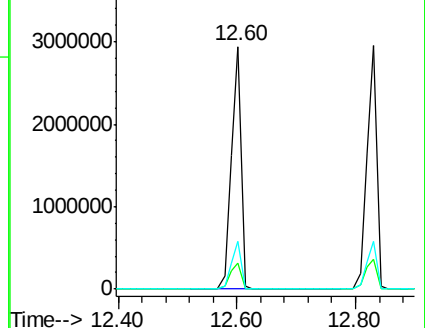
203 19.6 0.0 37.9

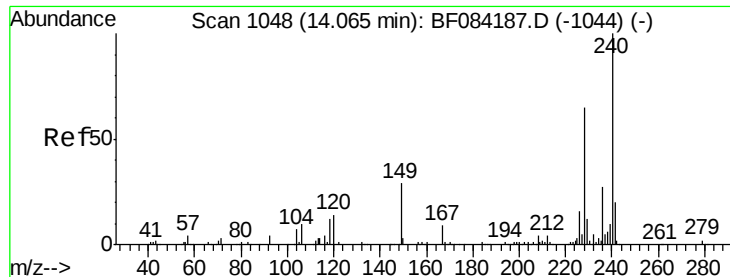


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 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 :

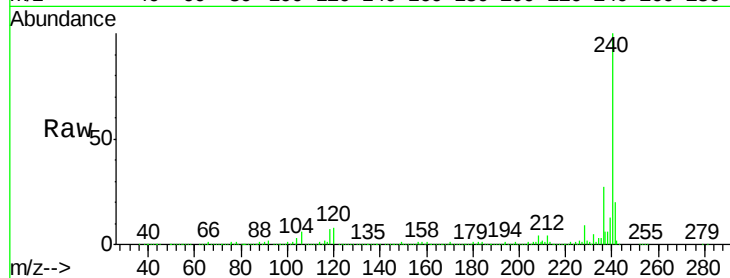
Tot Ion:240 Resp: 1216326

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

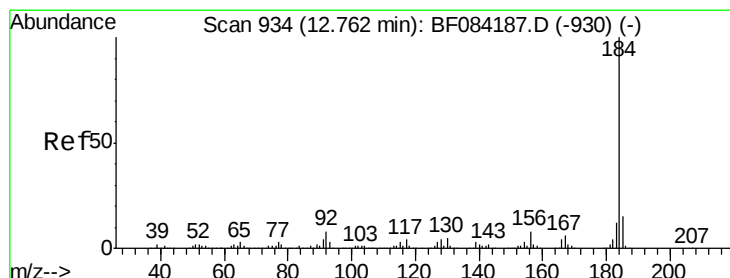
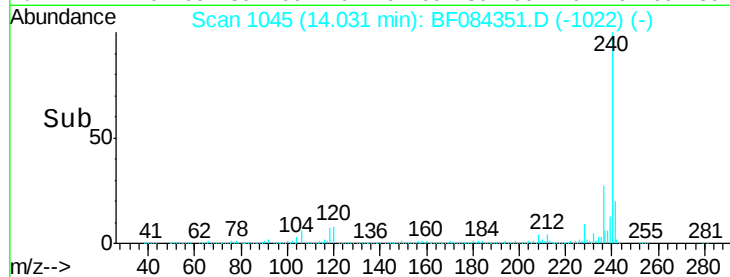
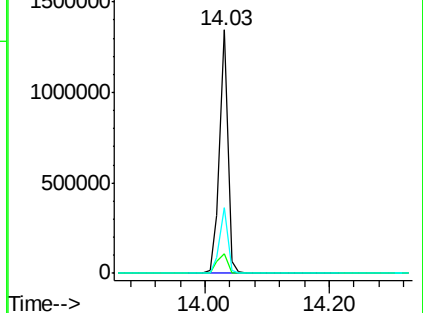
236 26.9 20.6 31.0



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

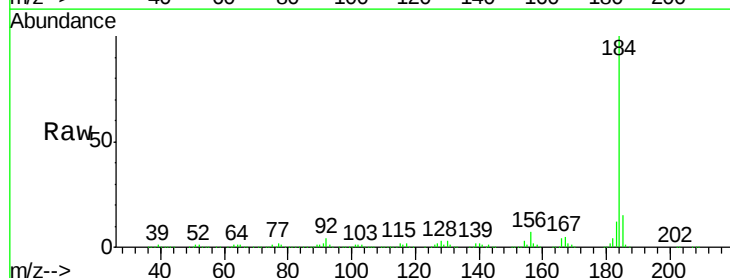
Tgt Ion:184 Resp: 1433438

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

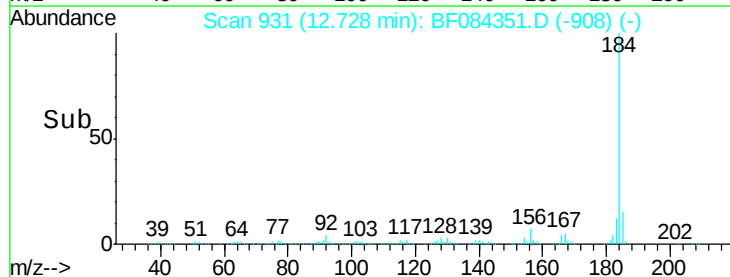
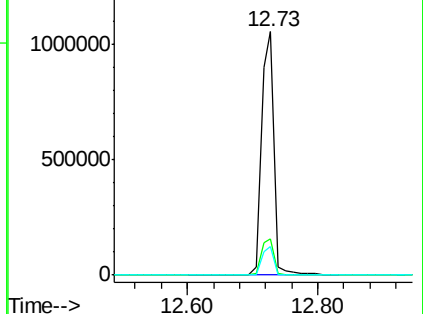
183 11.7 9.8 14.8

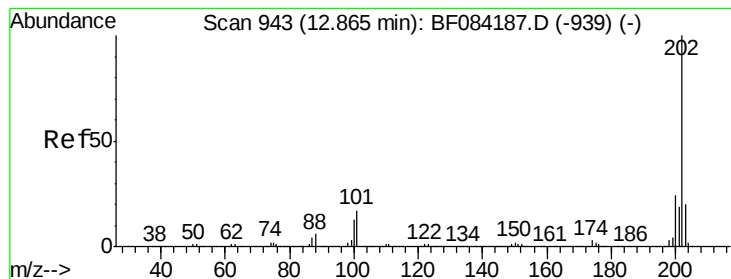


Abundance Ion 184.00 (183.70 to 184.70): E

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 :

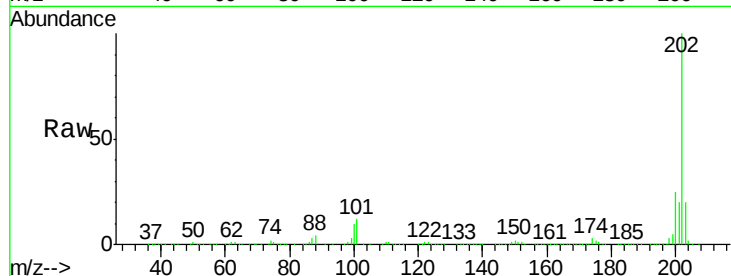
Tot Ion:202 Resp: 3327216

Ion	Ratio	Lower	Upper
202	100		
200	24.6	17.2	25.8
203	19.7	14.3	21.5

202 100

200 24.6 17.2 25.8

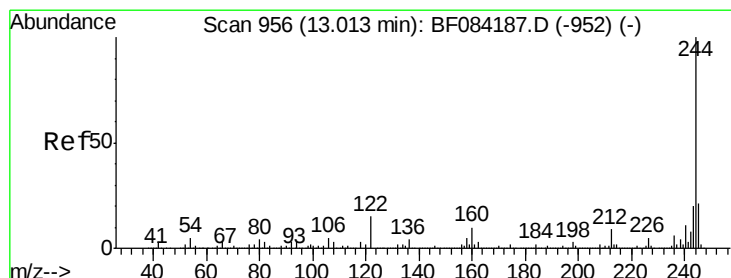
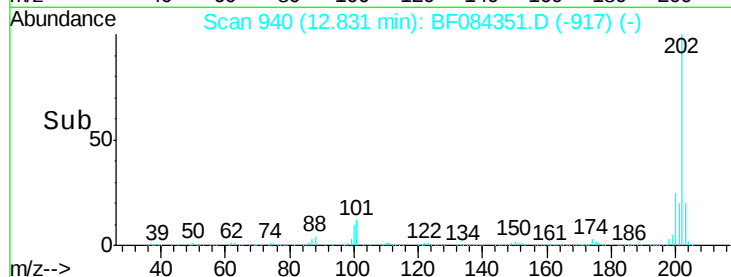
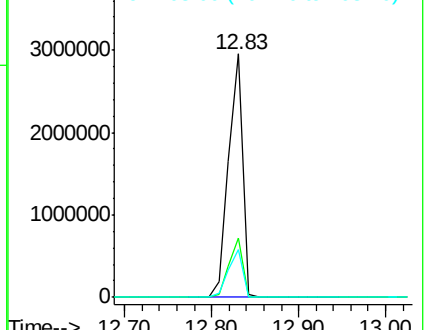
203 19.7 14.3 21.5



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

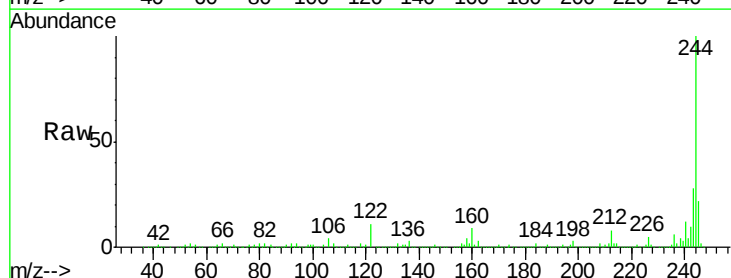
Tgt Ion:244 Resp: 3670031

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.7	8.5
122	11.4	7.4	11.0

244 100

212 8.4 5.7 8.5

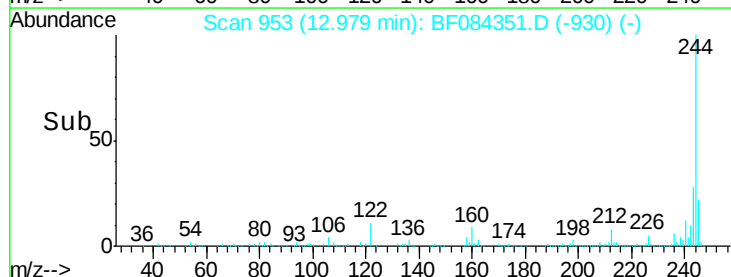
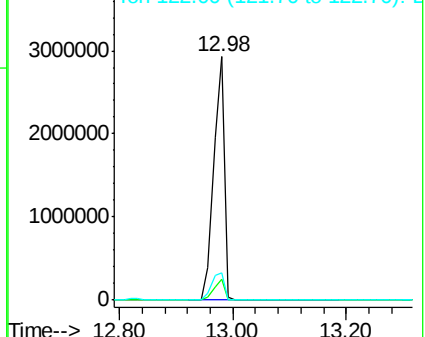
122 11.4 7.4 11.0

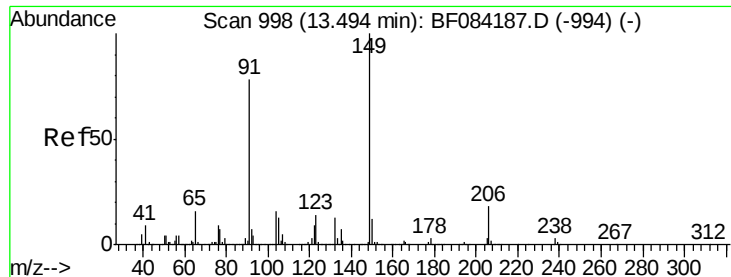


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

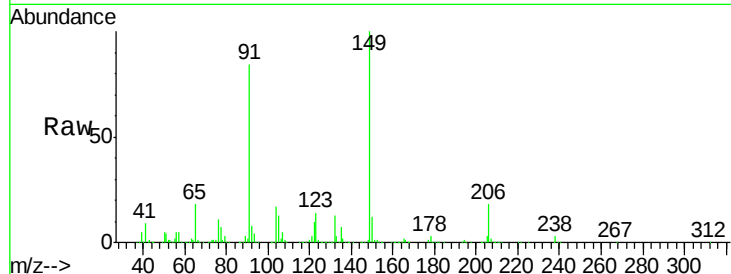




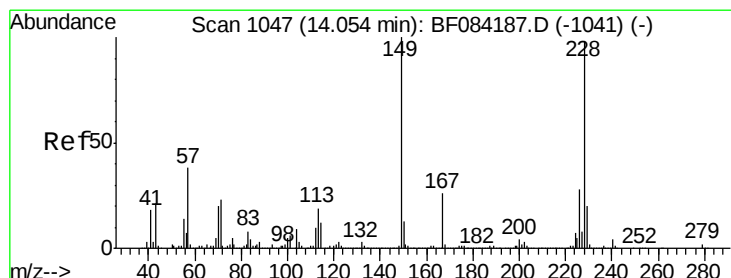
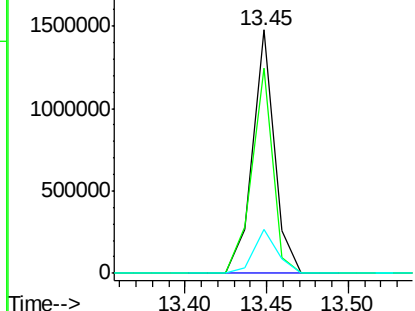
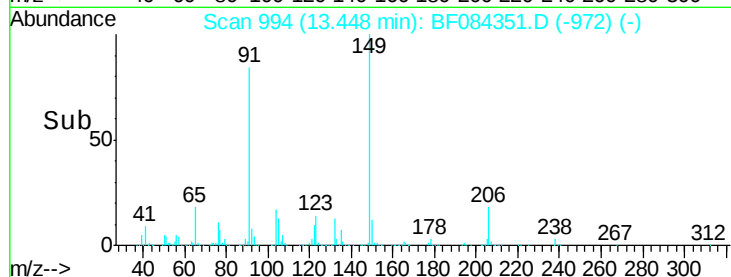
#79
Butylbenzylphthalate
Concen: 33.24 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :

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

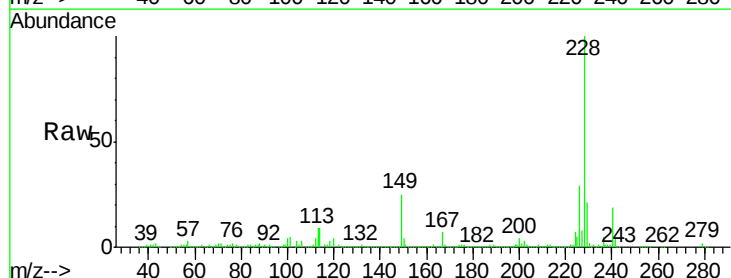


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

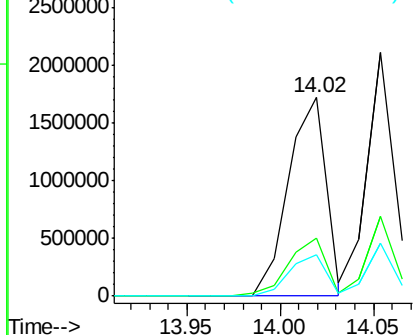
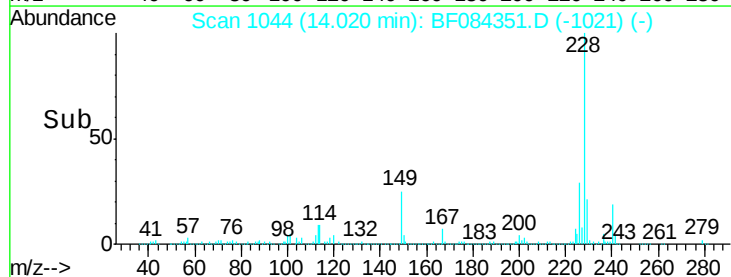


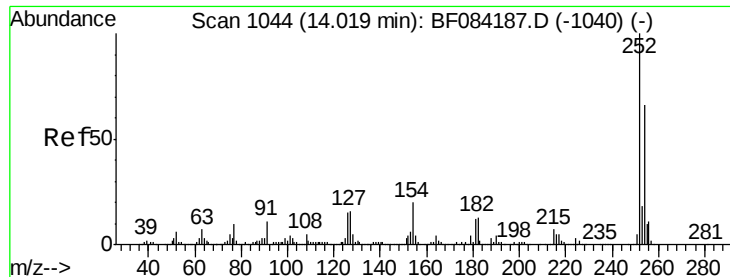
#80
Benzo(a)anthracene
Concen: 34.07 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

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 :

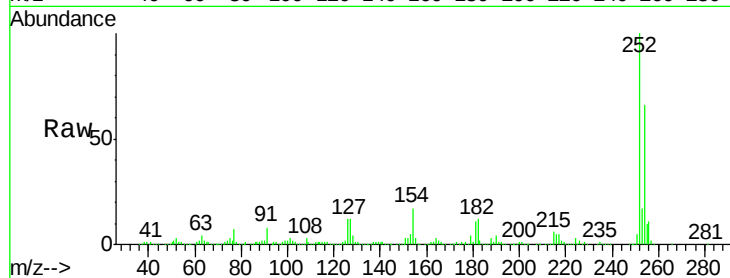
Tot Ion:252 Resp: 920343

Ion Ratio Lower Upper

252 100

254 65.8 53.5 80.3

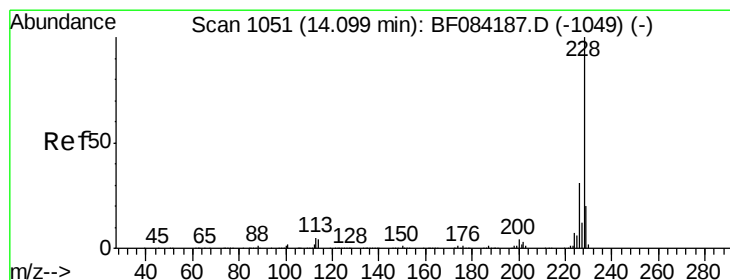
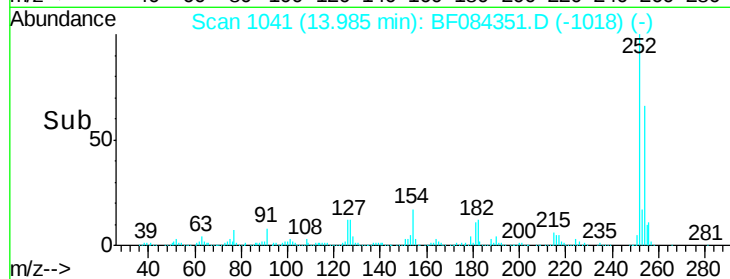
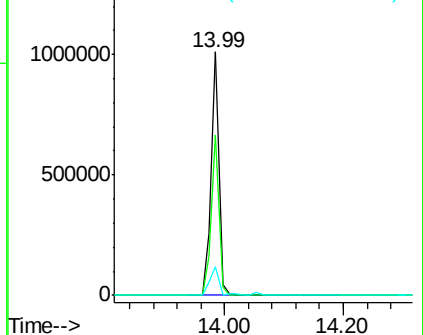
126 11.7 4.9 7.3#



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

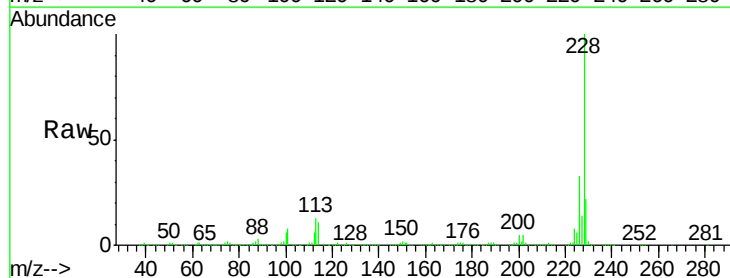
Tgt Ion:228 Resp: 2161826

Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

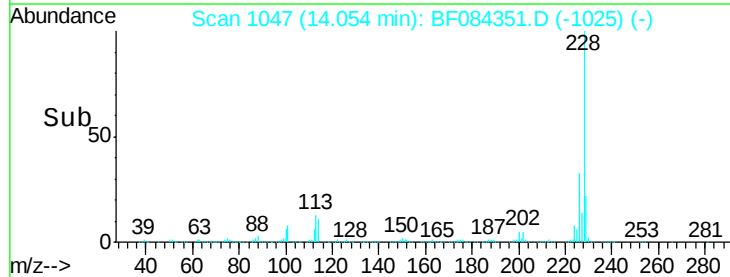
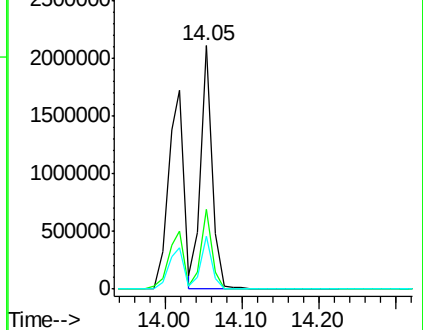
229 21.6 16.1 24.1

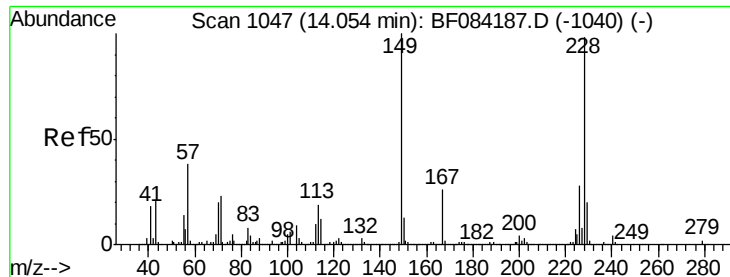


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

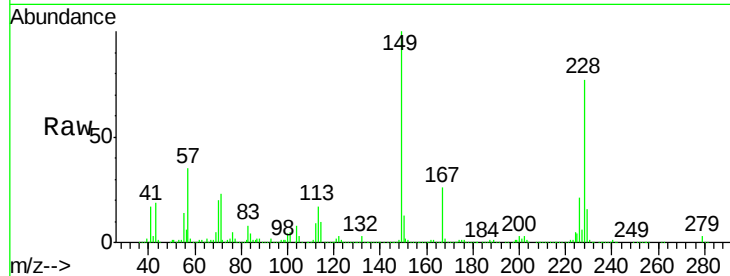




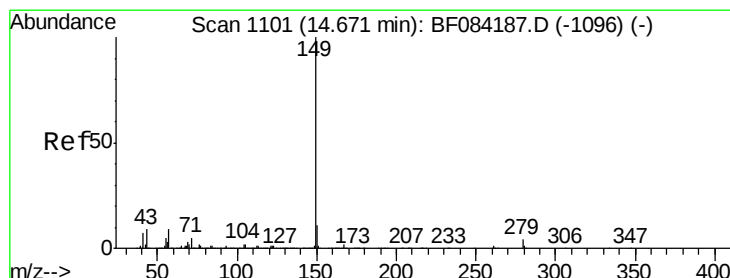
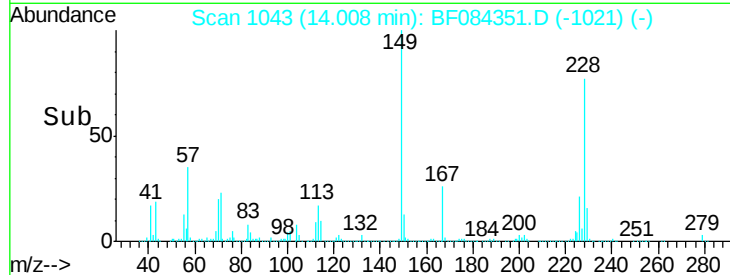
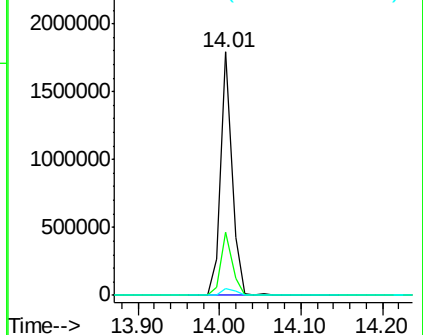
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.16 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

Instrument :
 BNA_F
 ClientSampleID :

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

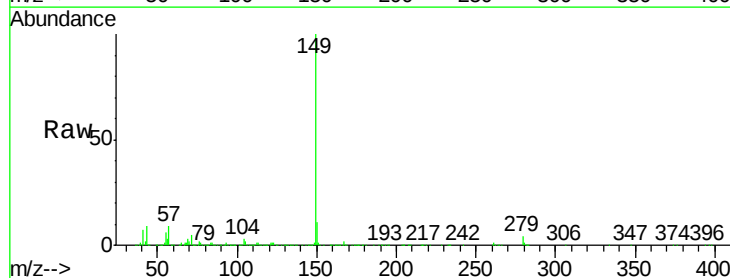


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

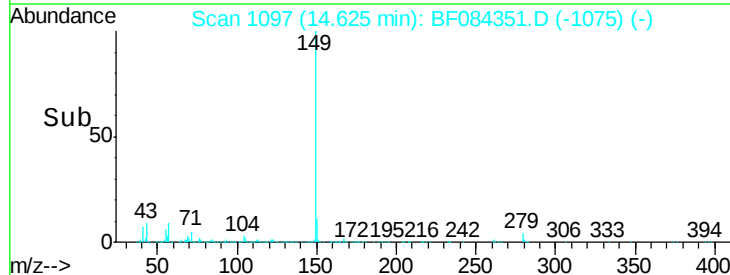
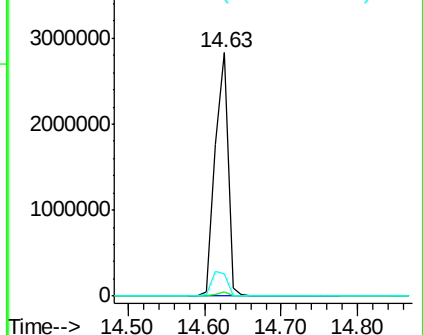


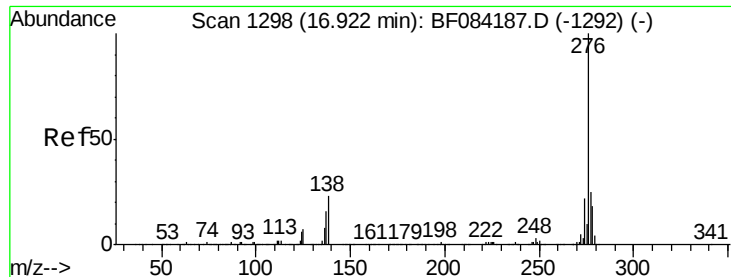
#84
 Di-n-octyl phthalate
 Concen: 37.23 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084351.D
 Acq: 10 Jan 2016 8:47

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

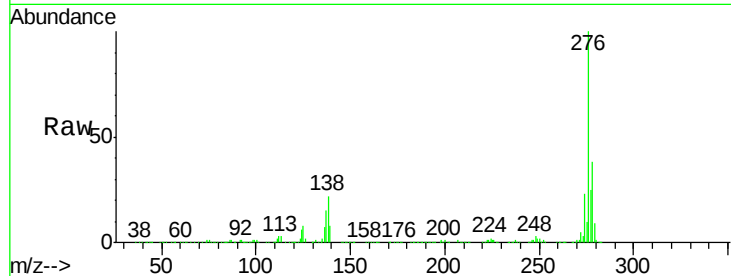




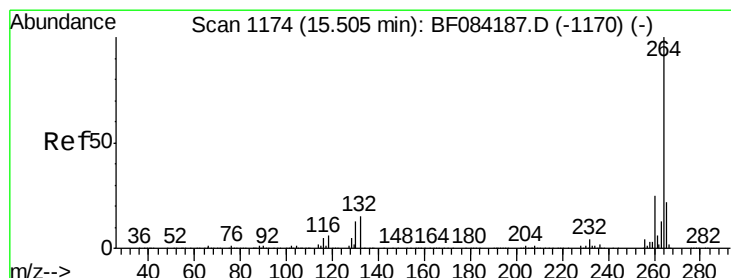
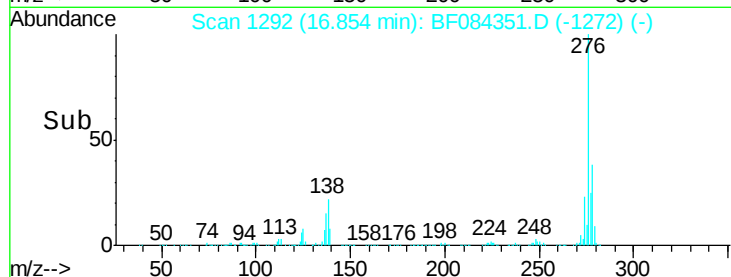
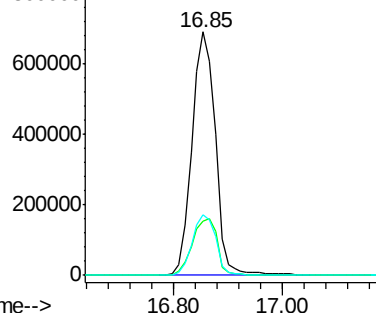
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.05 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.07 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

Instrument :
BNA_F
ClientSampleId :

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

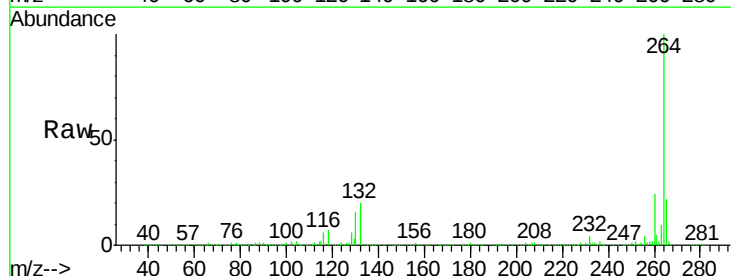


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

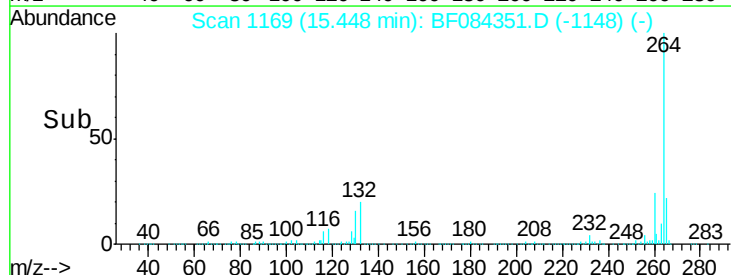
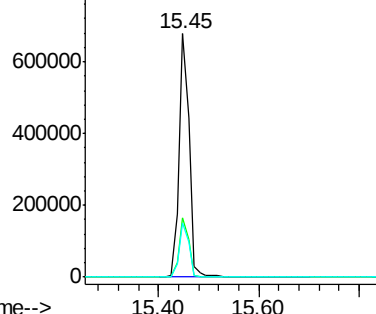


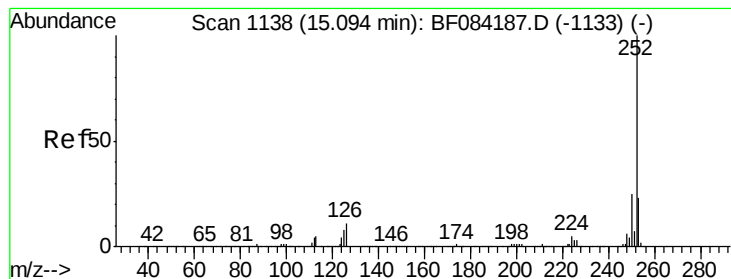
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

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



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 70.85 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

Instrument :

BNA_F

ClientSampleId :

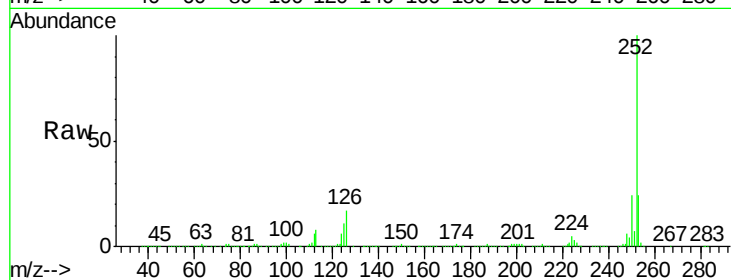
Tot Ion:252 Resp: 4357465

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

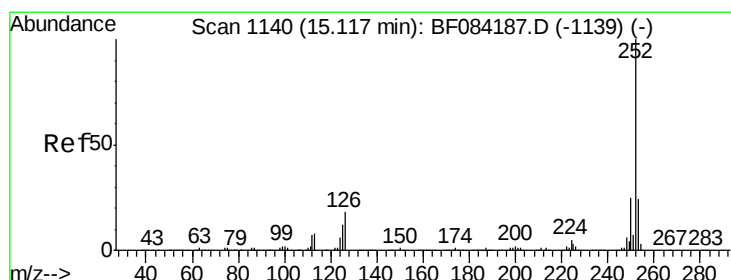
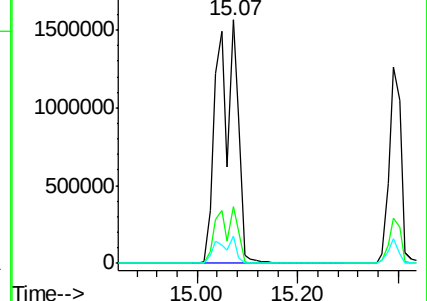
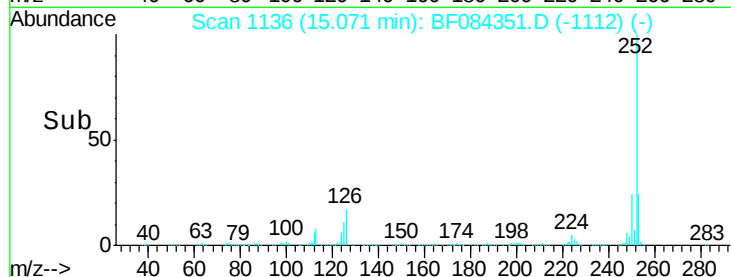
125 11.4 6.5 9.7#



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: 86.67 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084351.D

Acq: 10 Jan 2016 8:47

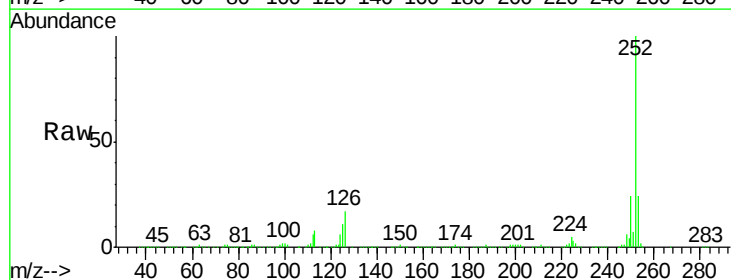
Tgt Ion:252 Resp: 4359856

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

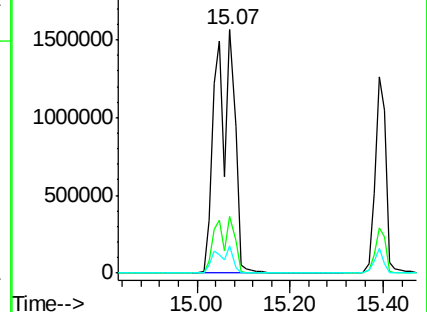
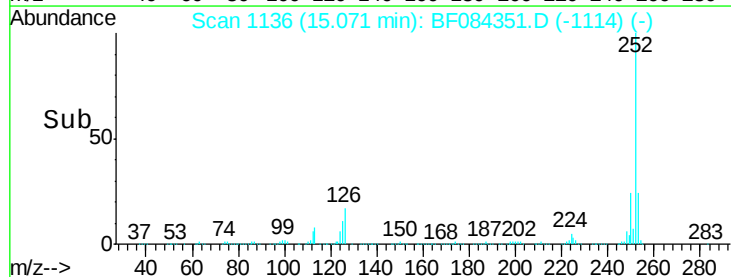
125 11.4 9.0 13.6

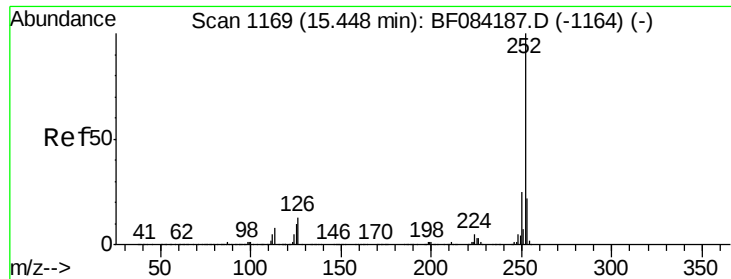


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

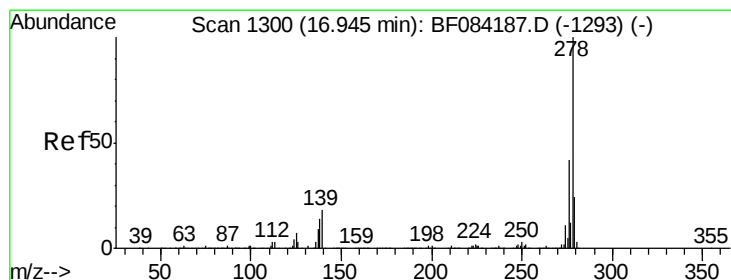
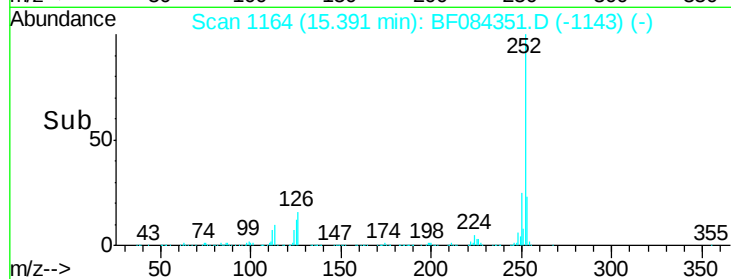
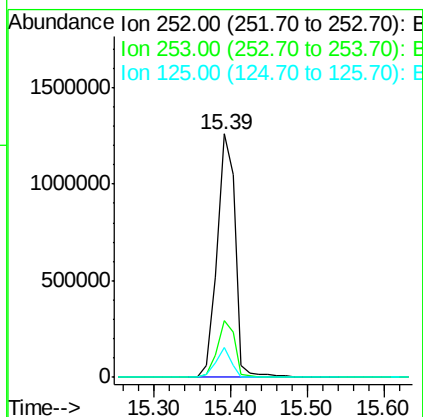
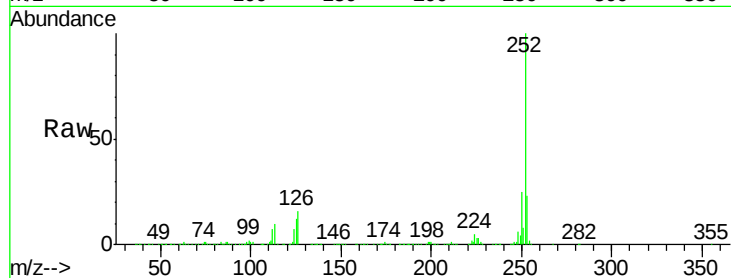




#89
Benzo(a)pyrene
Concen: 39.83 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084351.D
Acq: 10 Jan 2016 8:47

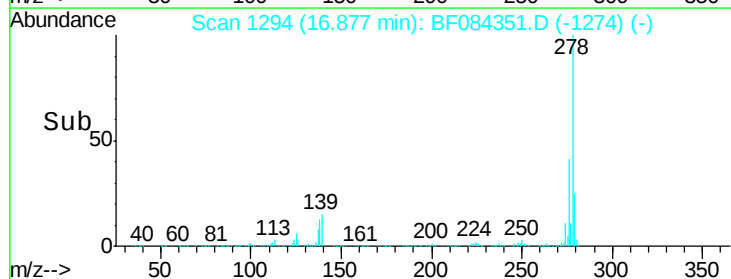
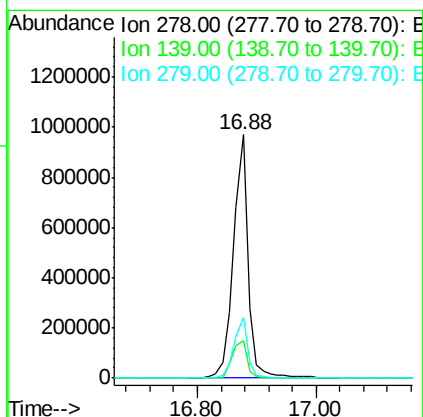
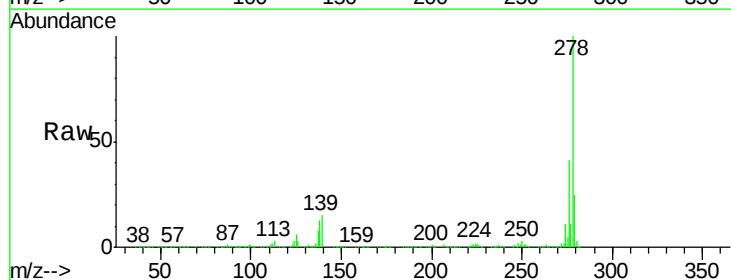
Instrument :
BNA_F
ClientSampleId :

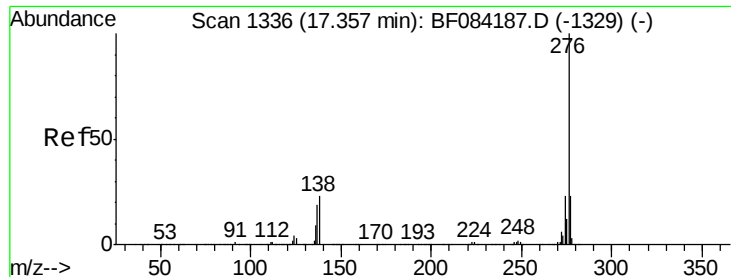
Tot Ion:252 Resp: 2077924
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 12.4 7.0 10.4#



#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 :

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

