

Data Path : Z:\HPCHEM1\BNA F\Data\BF071715\
 Data File : BF080555.D
 Acq On : 18 Jul 2015 2:33
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 18 05:18:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	46449	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	195118	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	80159	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	152549	20.00	ng	0.00
75) Chrysene-d12	14.43	240	126991	20.00	ng	0.08
86) Perylene-d12	16.16	264	111350	20.00	ng	0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	242265	81.32	ng	0.00
7) Phenol-d6	6.70	99	292828	86.37	ng	0.00
23) Nitrobenzene-d5	7.63	82	258578	84.50	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	65743	91.65	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	507921	89.00	ng	0.00
78) Terphenyl-d14	13.23	244	464703	81.72	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	51243	41.12	ng	94
3) Pyridine	3.69	79	96140	41.64	ng	# 95
4) n-Nitrosodimethylamine	3.53	42	74765	45.51	ng	96
6) Aniline	6.74	93	178530	39.95	ng	98
8) 2-Chlorophenol	6.85	128	132623	42.67	ng	94
9) Benzaldehyde	6.61	77	82690	43.19	ng	# 77
10) Phenol	6.72	94	155649	39.69	ng	97
11) bis(2-Chloroethyl)ether	6.80	93	107156	36.16	ng	96
12) 1,3-Dichlorobenzene	7.00	146	154954	44.14	ng	98
13) 1,4-Dichlorobenzene	7.08	146	158918	41.24	ng	99
14) 1,2-Dichlorobenzene	7.24	146	140942	39.78	ng	98
15) Benzyl Alcohol	7.22	79	84403	38.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.33	45	190923	37.86	ng	94
17) 2-Methylphenol	7.33	107	89744	37.85	ng	92
18) Hexachloroethane	7.58	117	50887	41.20	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	73902	38.84	ng	95
20) 3+4-Methylphenols	7.48	107	134559	39.31	ng	97
22) Acetophenone	7.47	105	164782	39.35	ng	# 97
24) Nitrobenzene	7.65	77	121672	35.18	ng	97
25) Isophorone	7.88	82	215263	36.85	ng	98
26) 2-Nitrophenol	7.97	139	60758	35.80	ng	96
27) 2,4-Dimethylphenol	8.01	122	121190	41.70	ng	98
28) bis(2-Chloroethoxy)methane	8.09	93	122049	37.73	ng	# 97
29) 2,4-Dichlorophenol	8.21	162	102341	41.59	ng	95
30) 1,2,4-Trichlorobenzene	8.29	180	122322	38.88	ng	97
31) Naphthalene	8.37	128	396202	41.03	ng	99
32) Benzoic acid	8.10	122	43680	36.10	ng	92
33) 4-Chloroaniline	8.43	127	157672	40.98	ng	98
34) Hexachlorobutadiene	8.49	225	62704	42.74	ng	98
35) Caprolactam	8.76	113	22297	39.48	ng	# 80
36) 4-Chloro-3-methylphenol	8.91	107	98042	38.67	ng	96
37) 2-Methylnaphthalene	9.06	142	231407	39.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	107183	42.28	ng	98
40) Hexachlorocyclopentadiene	9.22	237	51242	42.95	ng	99

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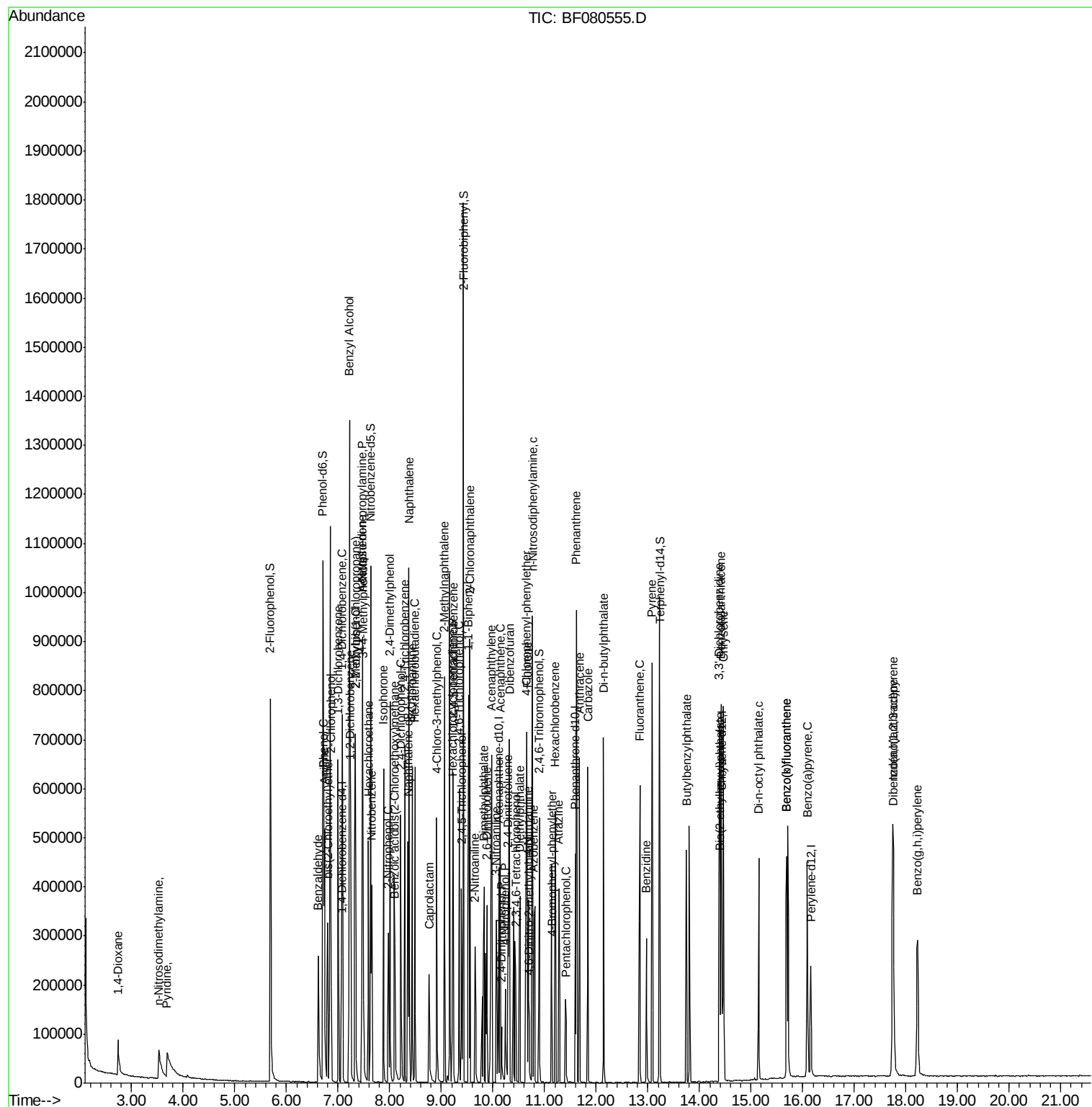
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	70851	48.53	nq	99
43) 2,4,5-Trichlorophenol	9.39	196	67433	42.27	nq	98
45) 1,1'-Biphenyl	9.53	154	271246	40.82	nq	99
46) 2-Chloronaphthalene	9.55	162	224249	45.80	nq	98
47) 2-Nitroaniline	9.65	65	51845	42.91	nq	94
48) Acenaphthylene	9.97	152	339639	41.89	nq	99
49) Dimethylphthalate	9.82	163	215132	40.33	nq	100
50) 2,6-Dinitrotoluene	9.88	165	43408	41.83	nq	98
51) Acenaphthene	10.14	154	197811	39.92	nq	99
52) 3-Nitroaniline	10.06	138	51876	42.69	nq	93
53) 2,4-Dinitrophenol	10.17	184	17543	38.03	nq	93
54) Dibenzofuran	10.32	168	289446	41.96	nq	99
55) 4-Nitrophenol	10.24	139	35689	38.90	nq	95
56) 2,4-Dinitrotoluene	10.29	165	63405	40.00	nq	95
57) Fluorene	10.66	166	221567	40.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	46880	43.72	nq	98
59) Diethylphthalate	10.52	149	201740	40.06	nq	99
60) 4-Chlorophenyl-phenylether	10.65	204	99439	40.61	nq	97
61) 4-Nitroaniline	10.68	138	54722	42.75	nq	91
62) Azobenzene	10.80	77	210058	41.45	nq	97
64) 4,6-Dinitro-2-methylphenol	10.70	198	26625	39.74	nq	98
65) n-Nitrosodiphenylamine	10.76	169	205767	40.95	nq	99
66) 4-Bromophenyl-phenylether	11.14	248	54319	38.84	nq	95
67) Hexachlorobenzene	11.21	284	70168	41.38	nq	98
68) Atrazine	11.28	200	44498	37.41	nq	96
69) Pentachlorophenol	11.41	266	25881	41.07	nq	95
70) Phenanthrene	11.62	178	331191	39.85	nq	99
71) Anthracene	11.68	178	309747	38.37	nq	98
72) Carbazole	11.84	167	271386	37.53	nq	99
73) Di-n-butylphthalate	12.15	149	310196	41.97	nq	# 98
74) Fluoranthene	12.84	202	295867	38.08	nq	95
76) Benzidine	12.97	184	134699	39.64	nq	98
77) Pyrene	13.08	202	333689	40.72	nq	100
79) Butylbenzylphthalate	13.75	149	102623	39.19	nq	# 77
80) Benzo(a)anthracene	14.42	228	290440	41.09	nq	99
81) 3,3'-Dichlorobenzidine	14.39	252	89384	40.04	nq	98
82) Chrysene	14.47	228	285343	40.29	nq	99
83) Bis(2-ethylhexyl)phthalate	14.40	149	149944	39.09	nq	# 97
84) Di-n-octyl phthalate	15.15	149	208437	37.39	nq	99
85) Indeno(1,2,3-cd)pyrene	17.75	276	293168	40.18	nq	98
87) Benzo(b)fluoranthene	15.69	252	262554	38.04	nq	# 97
88) Benzo(k)fluoranthene	15.69	252	262554	43.93	nq	# 97
89) Benzo(a)pyrene	16.09	252	248105	42.19	nq	100
90) Dibenzo(a,h)anthracene	17.76	278	242730	41.91	nq	96
91) Benzo(g,h,i)perylene	18.23	276	252933	43.26	nq	97

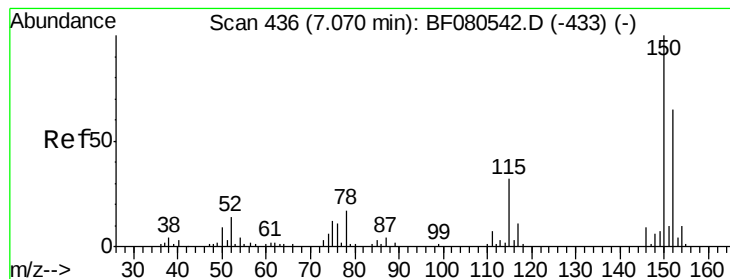
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

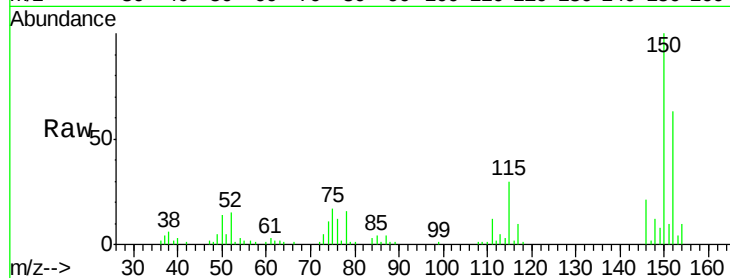
Tot Ion:152 Resp: 46449

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

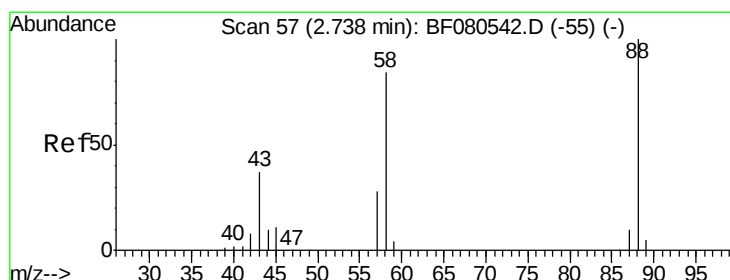
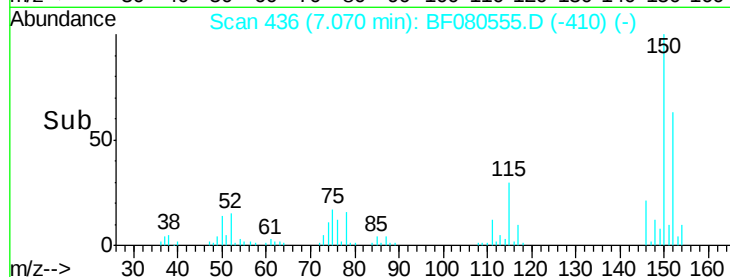
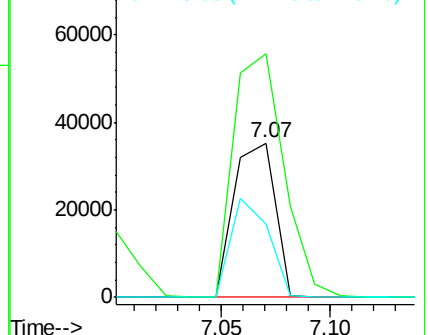
115 47.6 39.9 59.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.12 ng

RT: 2.74 min Scan# 57

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

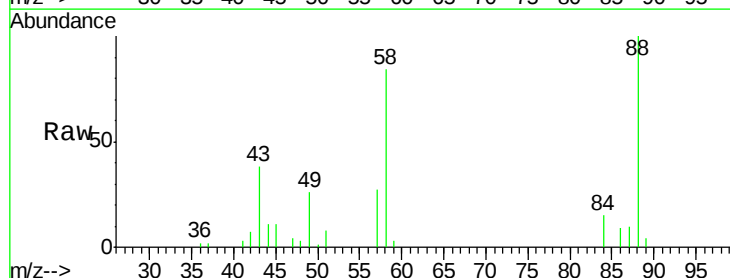
Tgt Ion: 88 Resp: 51243

Ion Ratio Lower Upper

88 100

58 74.3 63.4 95.0

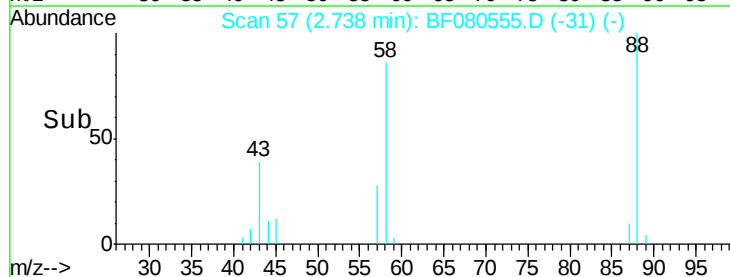
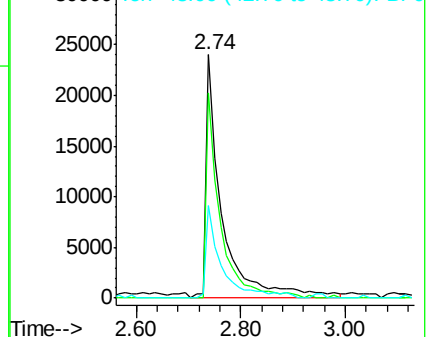
43 37.3 27.1 40.7

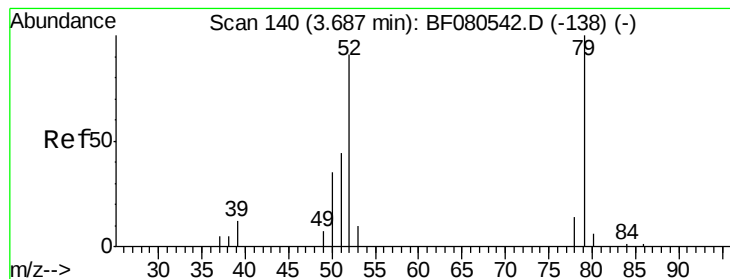


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.64 ng

RT: 3.69 min Scan# 140

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

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BNA_F

ClientSampleId :

SSTDCCC040EC

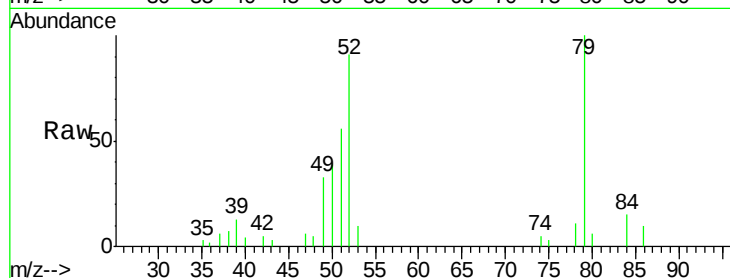
Tot Ion: 79 Resp: 96140

Ion Ratio Lower Upper

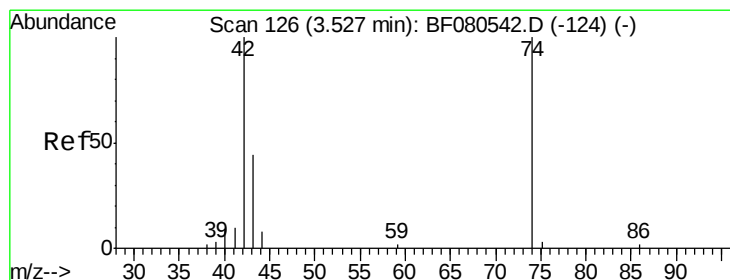
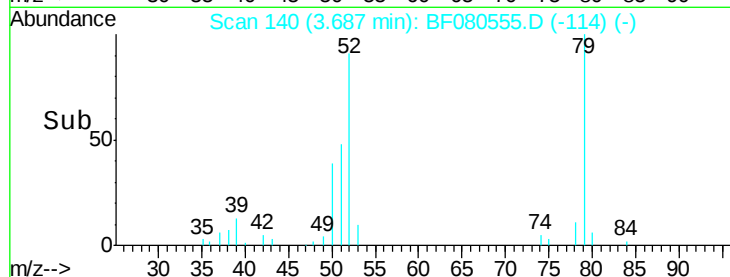
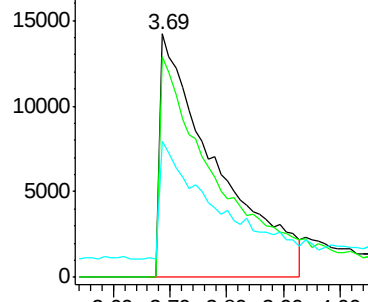
79 100

52 90.6 72.5 108.7

51 56.1 37.1 55.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.51 ng

RT: 3.53 min Scan# 126

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

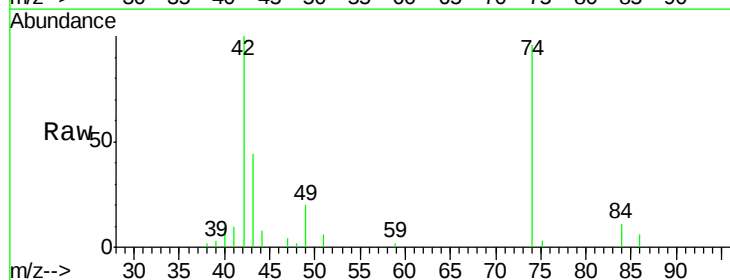
Tgt Ion: 42 Resp: 74765

Ion Ratio Lower Upper

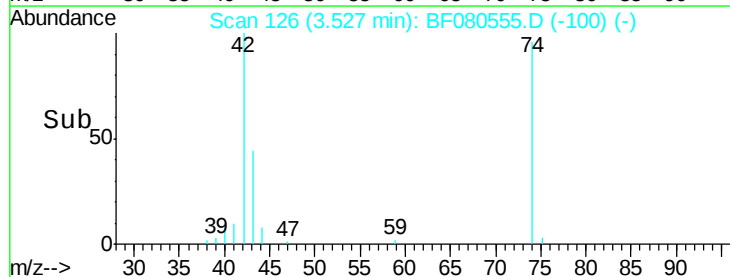
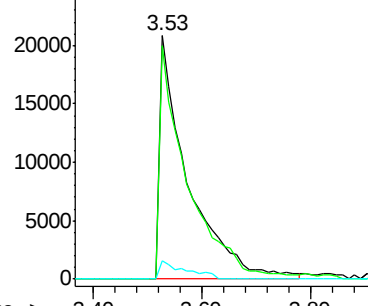
42 100

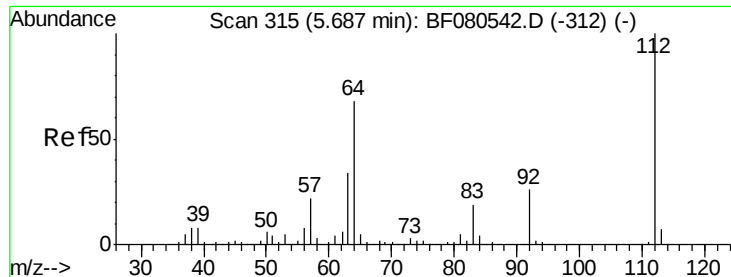
74 95.8 79.9 119.9

44 7.7 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.32 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

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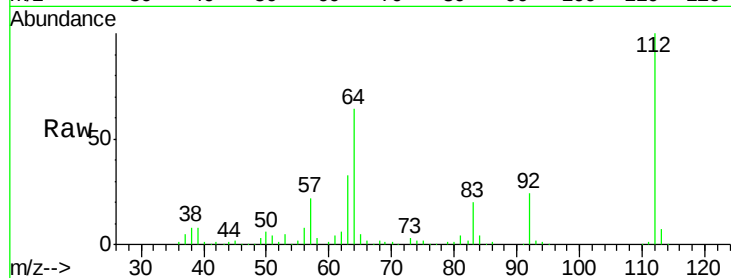
Tot Ion: 112 Resp: 242265

Ion Ratio Lower Upper

112 100

64 64.2 54.1 81.1

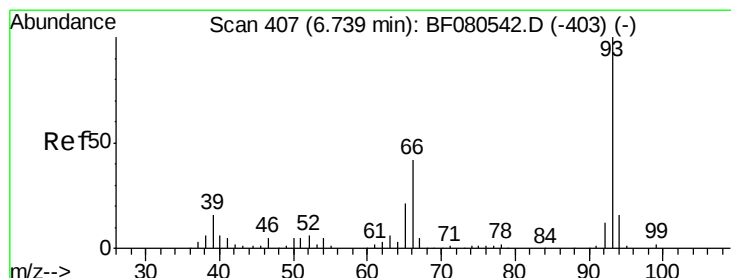
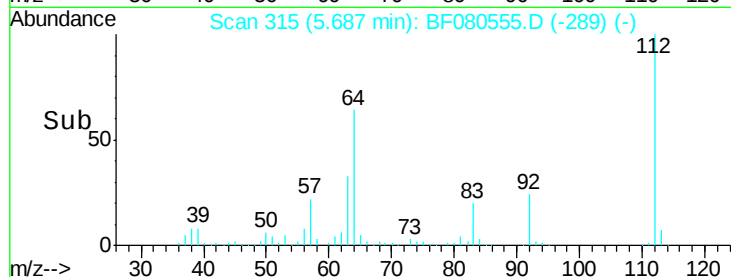
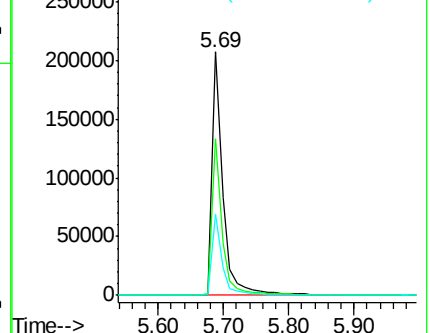
63 33.4 27.6 41.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.95 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

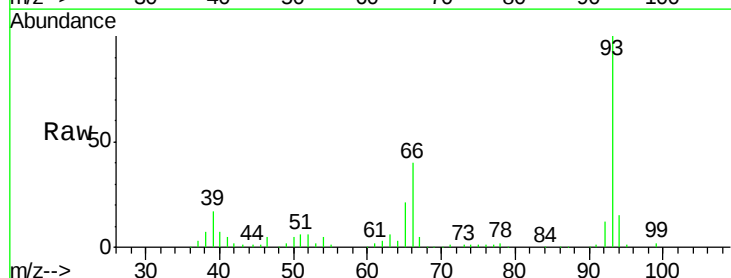
Tgt Ion: 93 Resp: 178530

Ion Ratio Lower Upper

93 100

66 40.2 33.3 49.9

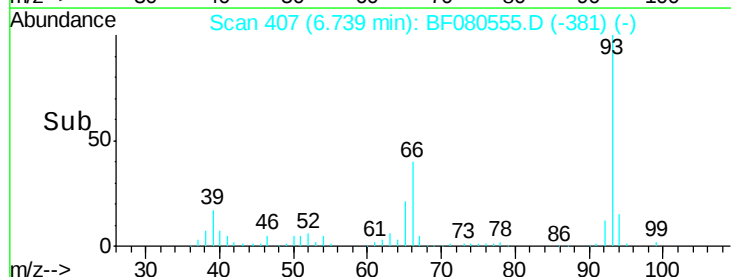
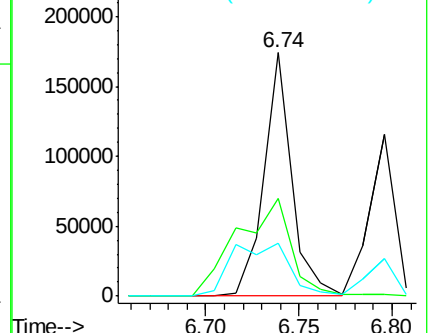
65 21.5 16.9 25.3

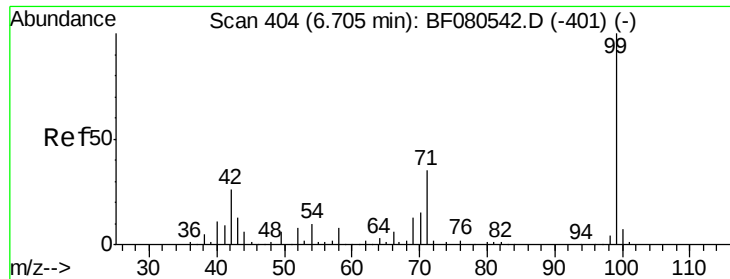


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.37 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

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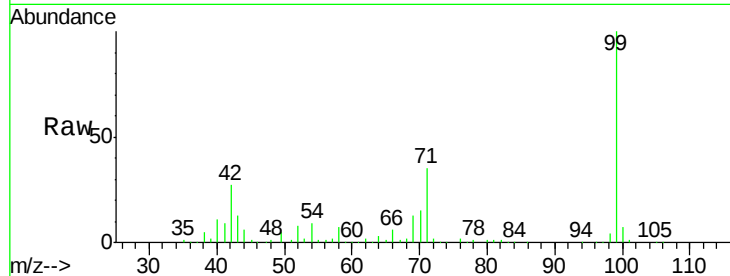
Tot Ion: 99 Resp: 292828

Ion Ratio Lower Upper

99 100

42 26.6 21.0 31.4

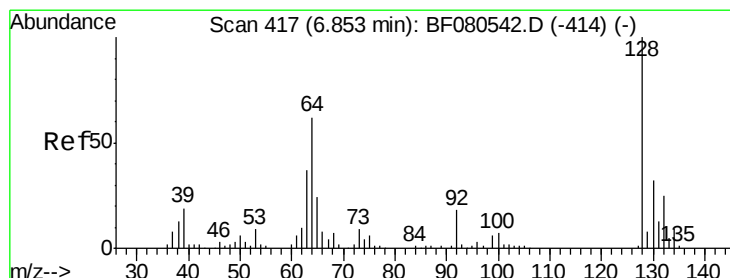
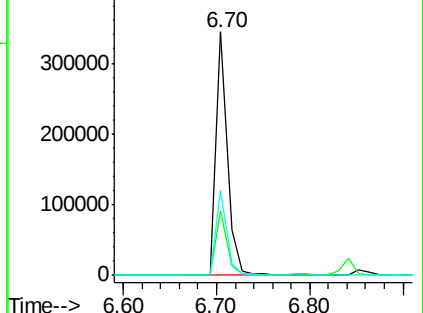
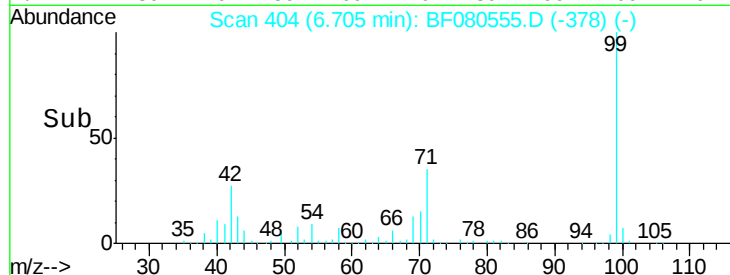
71 35.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.67 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

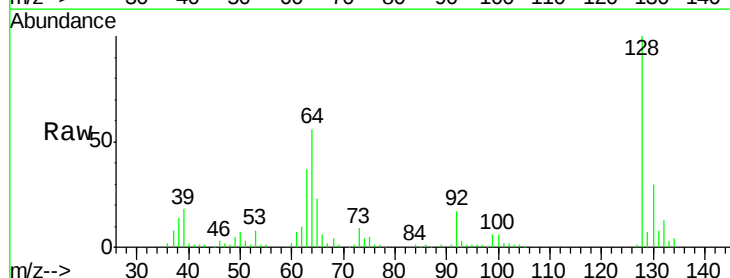
Tgt Ion: 128 Resp: 132623

Ion Ratio Lower Upper

128 100

130 30.4 11.7 51.7

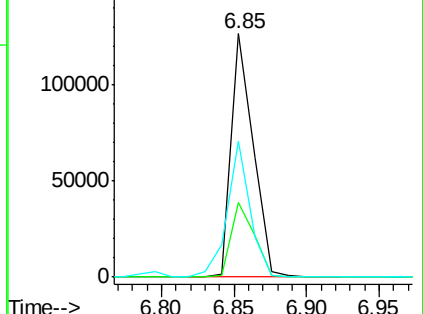
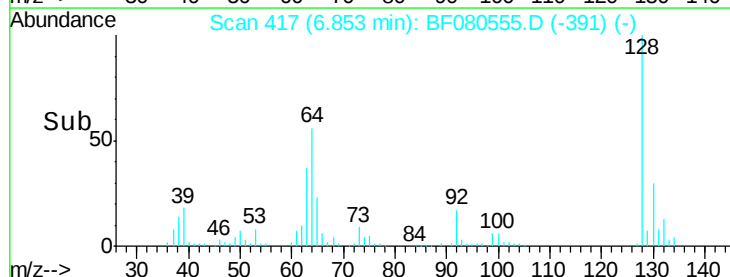
64 55.7 41.6 81.6

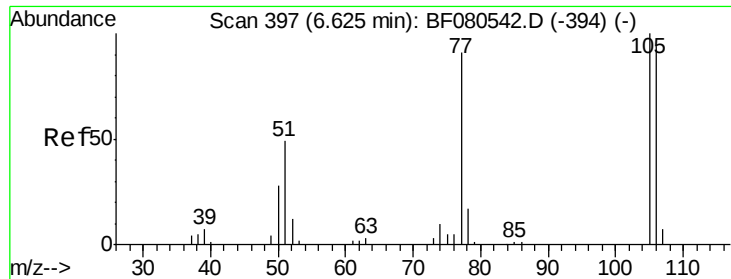


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.19 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

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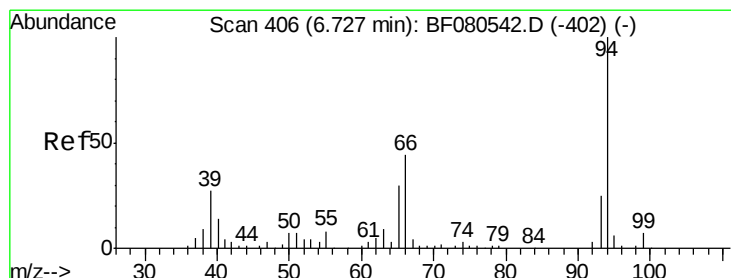
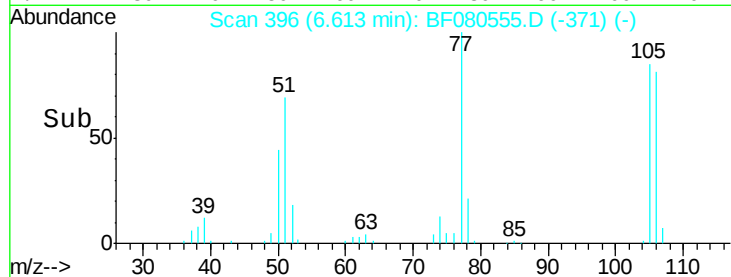
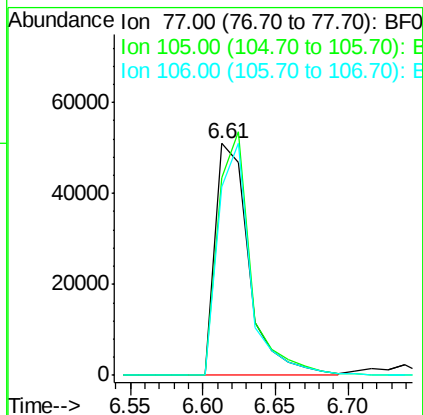
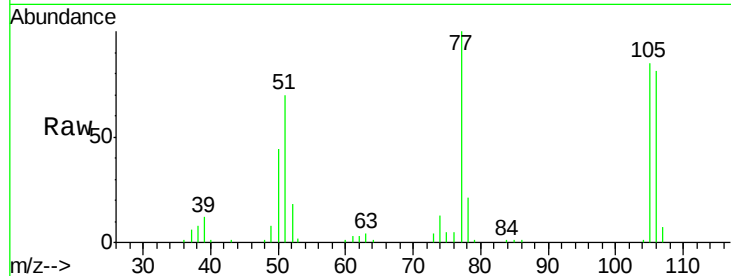
Tot Ion: 77 Resp: 82690

Ion Ratio Lower Upper

77 100

105 85.4 90.0 130.0#

106 81.3 83.5 123.5#



#10

Phenol

Concen: 39.69 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

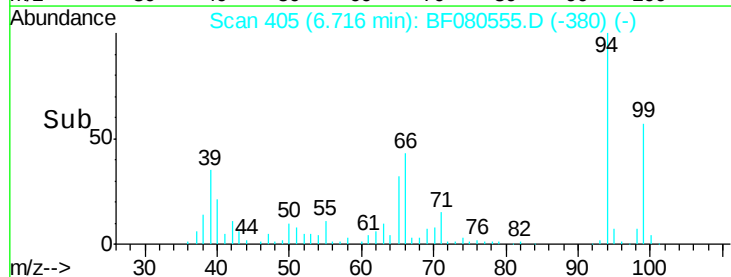
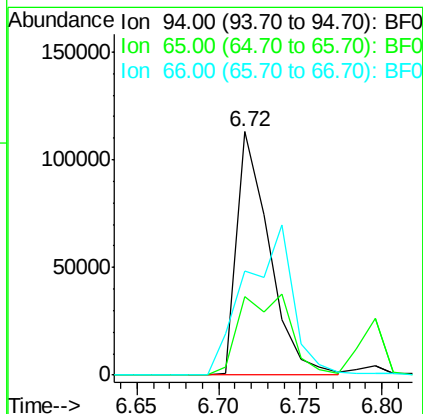
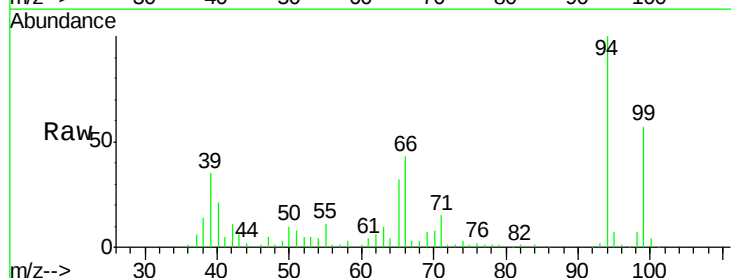
Tgt Ion: 94 Resp: 155649

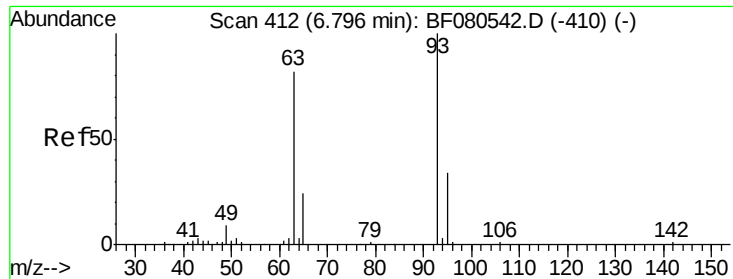
Ion Ratio Lower Upper

94 100

65 32.4 10.4 50.4

66 42.8 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 36.16 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

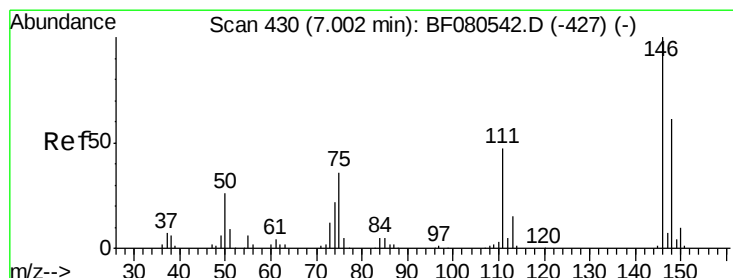
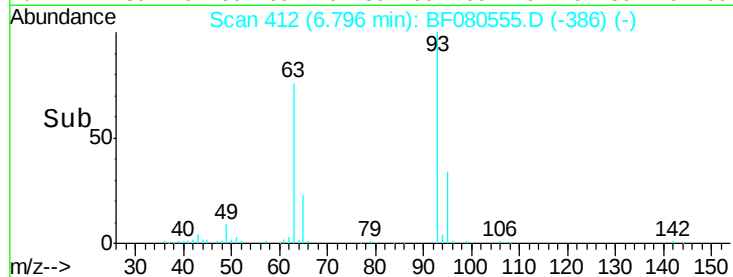
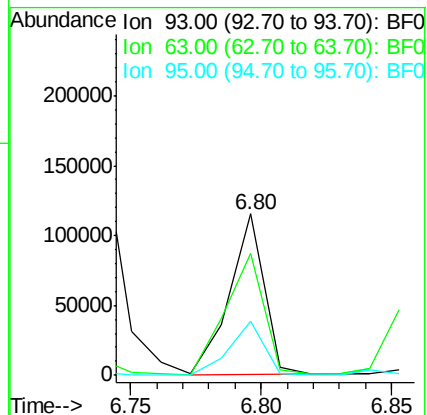
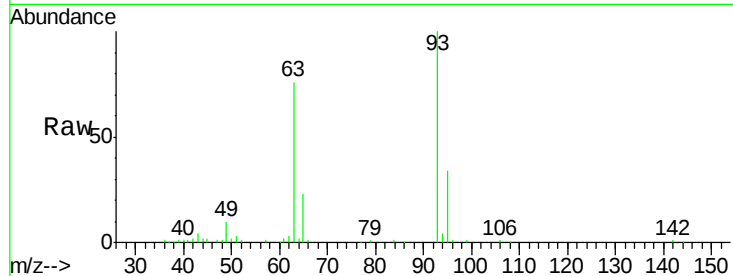
Tot Ion: 93 Resp: 107156

Ion Ratio Lower Upper

93 100

63 75.5 60.3 100.3

95 33.7 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 44.14 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

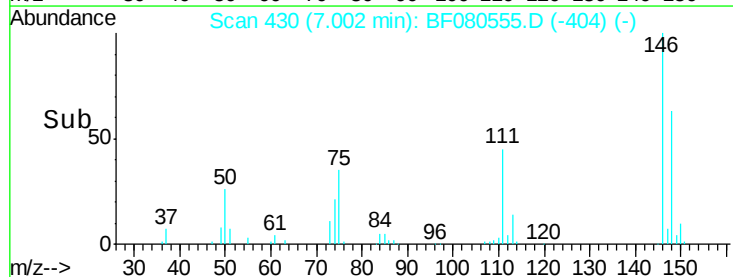
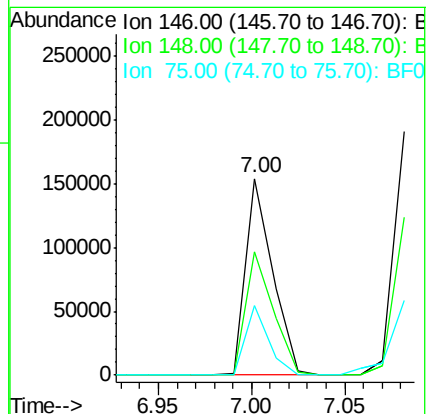
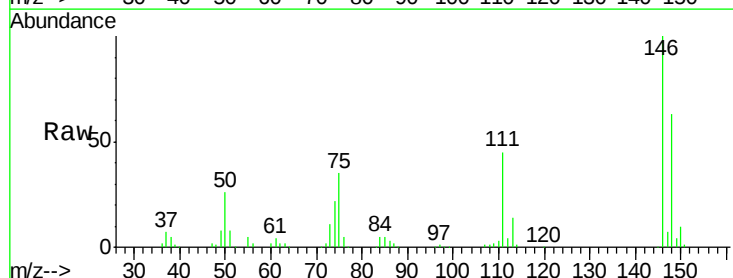
Tgt Ion: 146 Resp: 154954

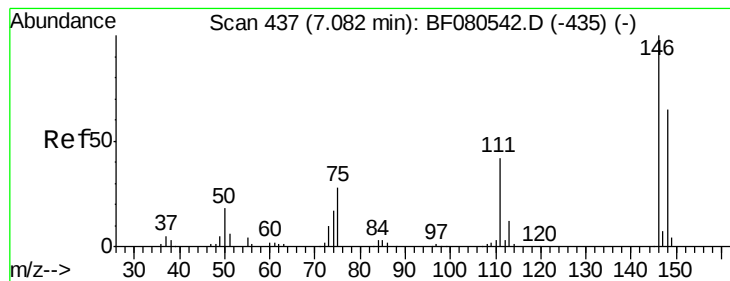
Ion Ratio Lower Upper

146 100

148 63.0 49.2 73.8

75 35.3 29.1 43.7





#13

1,4-Dichlorobenzene

Concen: 41.24 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

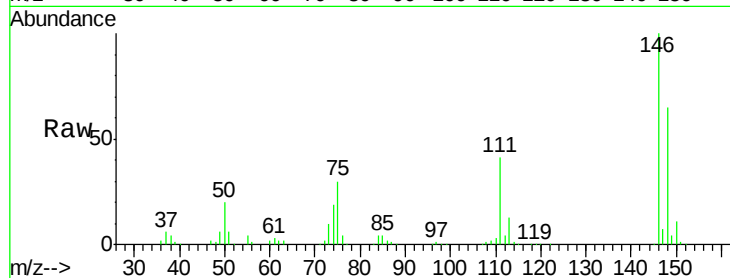
Tot Ion:146 Resp: 158918

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

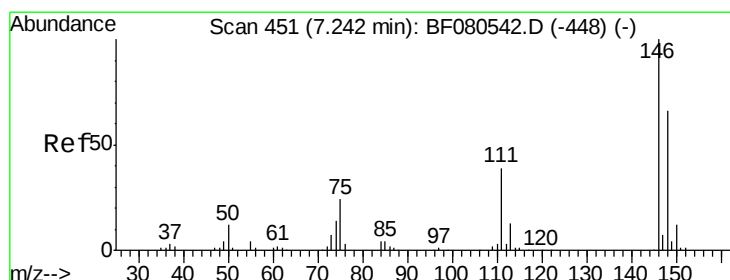
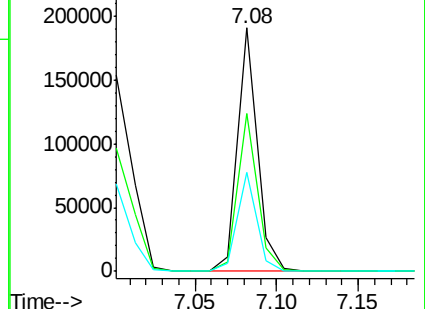
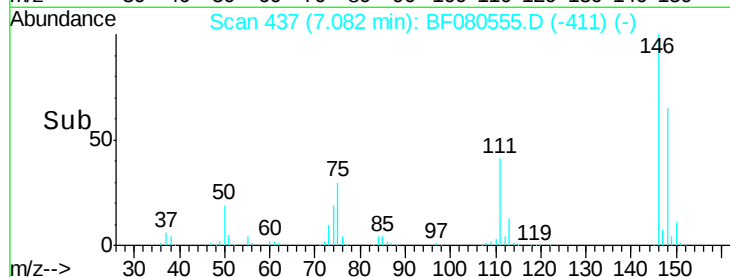
111 40.8 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.78 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

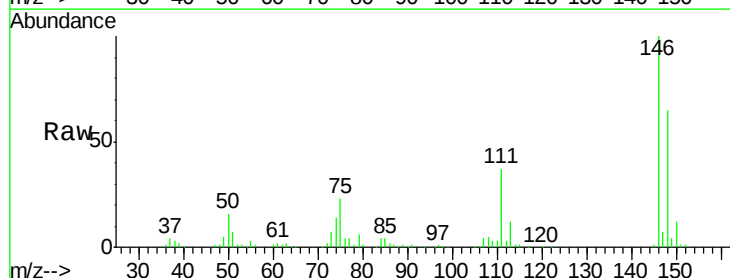
Tgt Ion:146 Resp: 140942

Ion Ratio Lower Upper

146 100

148 65.1 52.5 78.7

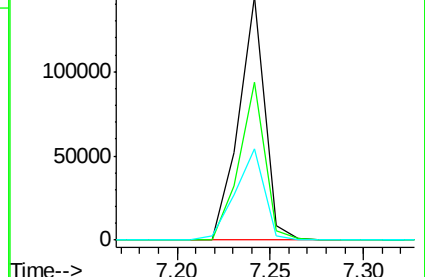
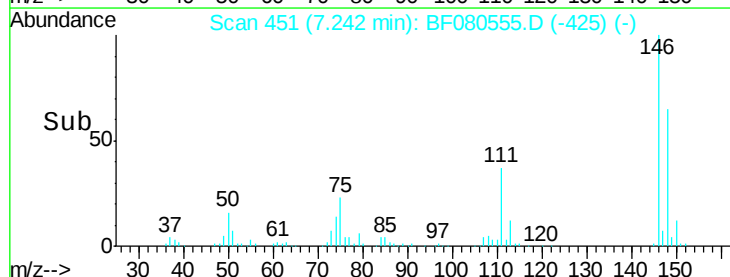
111 37.3 31.5 47.3

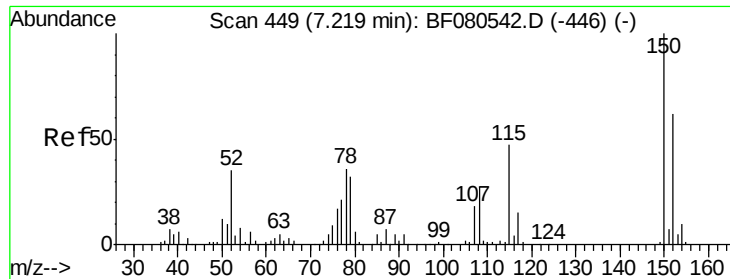


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.99 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

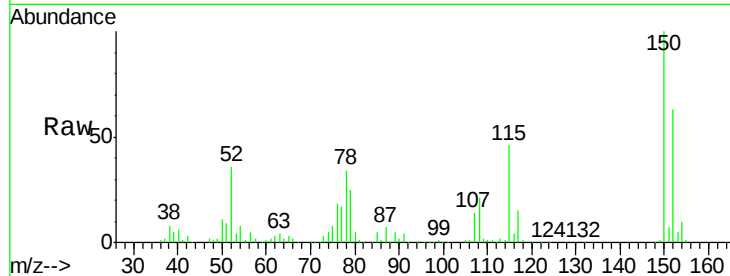
Tot Ion: 79 Resp: 84403

Ion Ratio Lower Upper

79 100

108 81.6 67.8 101.6

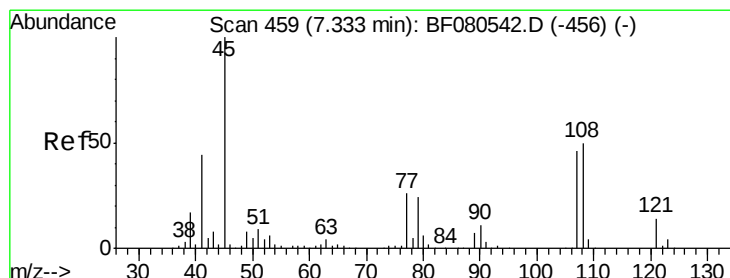
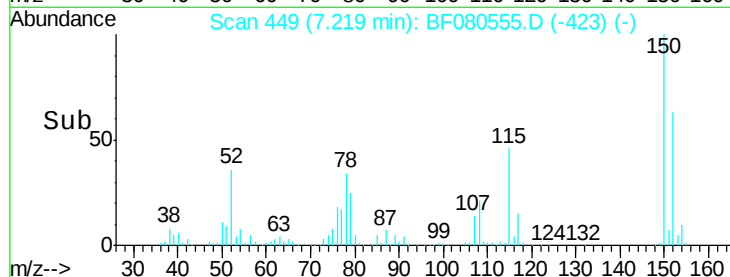
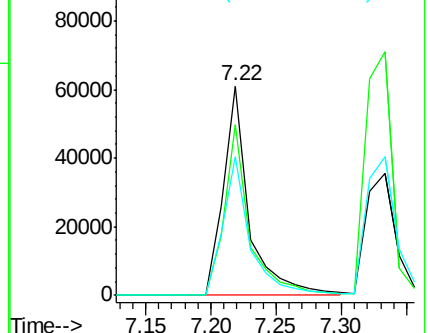
77 66.1 52.9 79.3



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: 37.86 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

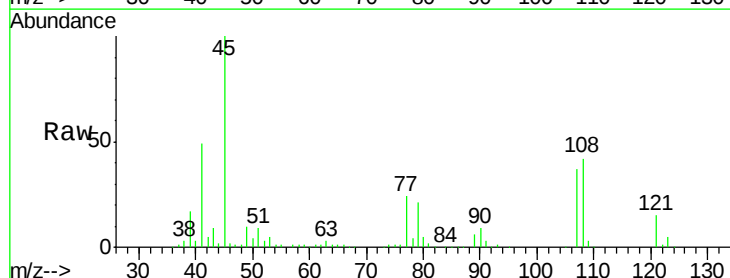
Tgt Ion: 45 Resp: 190923

Ion Ratio Lower Upper

45 100

77 23.9 6.6 46.6

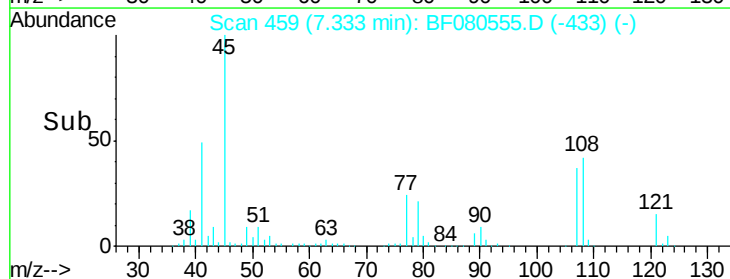
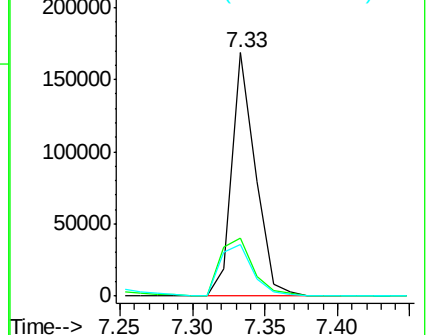
79 21.0 4.0 44.0

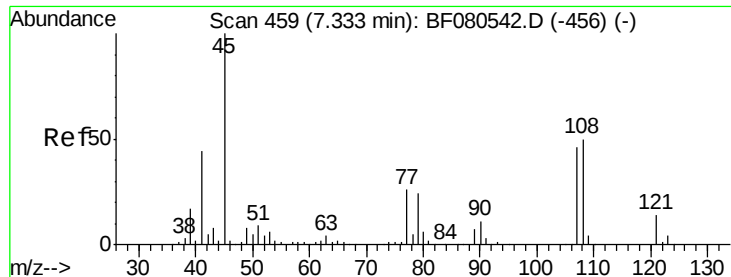


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.85 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 89744

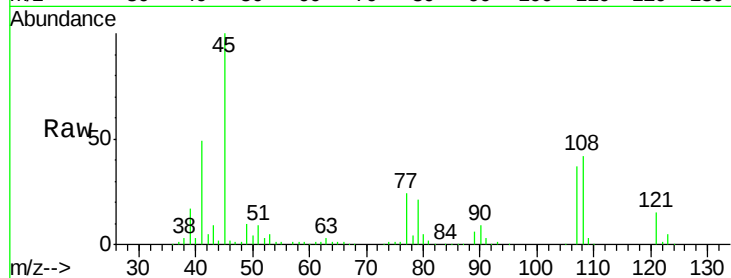
Ion Ratio Lower Upper

107 100

108 115.0 86.8 130.2

77 65.2 46.2 69.4

79 57.5 41.8 62.6

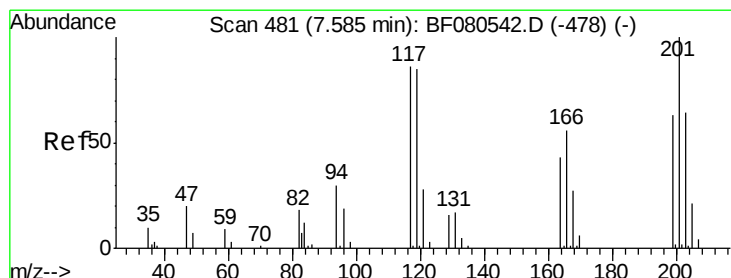
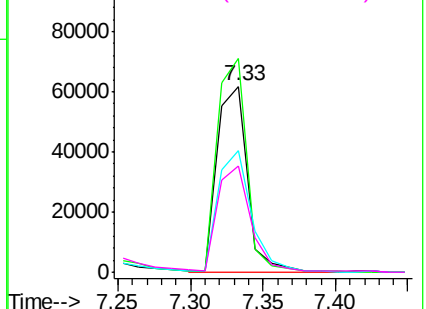
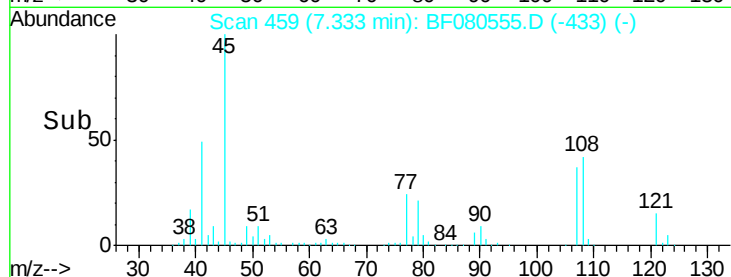


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.20 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

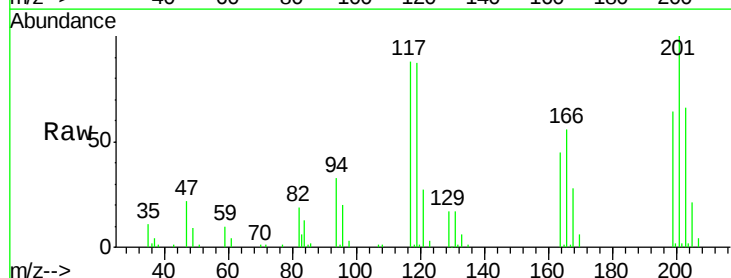
Tgt Ion:117 Resp: 50887

Ion Ratio Lower Upper

117 100

119 98.2 79.1 118.7

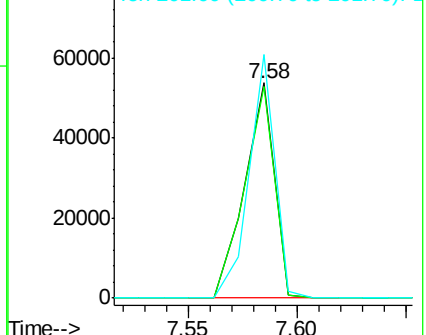
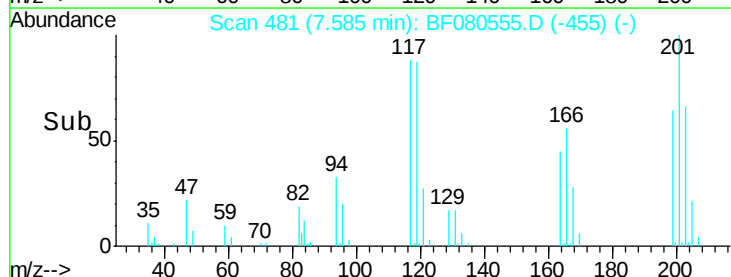
201 113.2 92.7 139.1

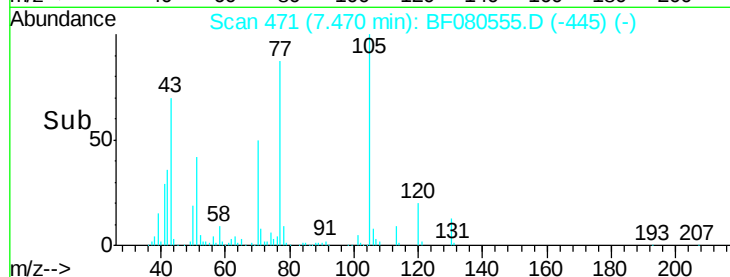
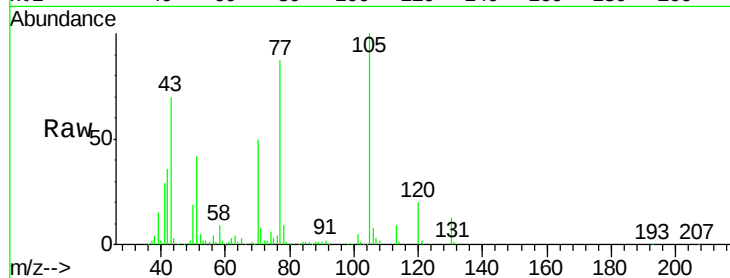
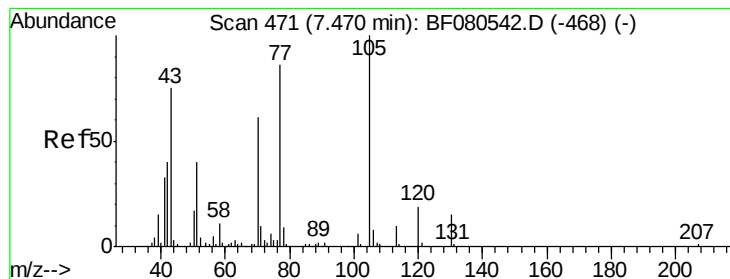


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.84 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 73902

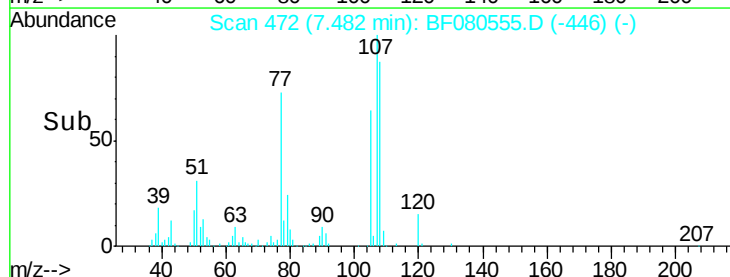
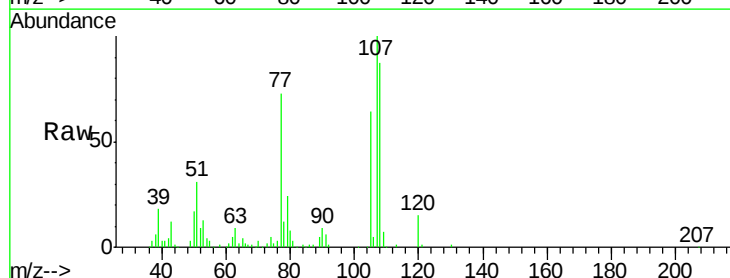
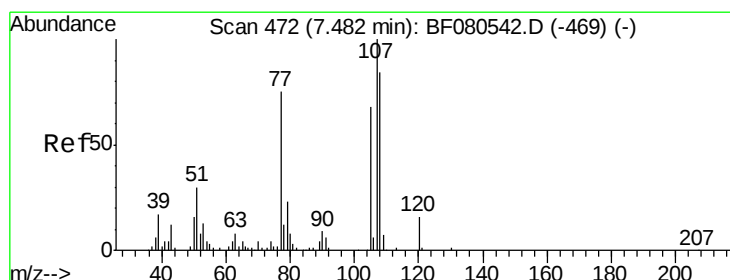
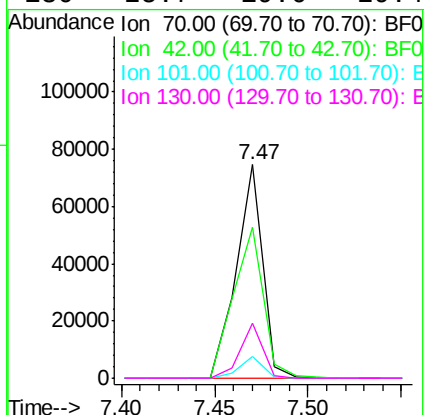
Ion Ratio Lower Upper

70 100

42 70.7 52.6 78.8

101 10.3 8.3 12.5

130 25.7 19.6 29.4



#20

3+4-Methylphenols

Concen: 39.31 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Tgt Ion: 107 Resp: 134559

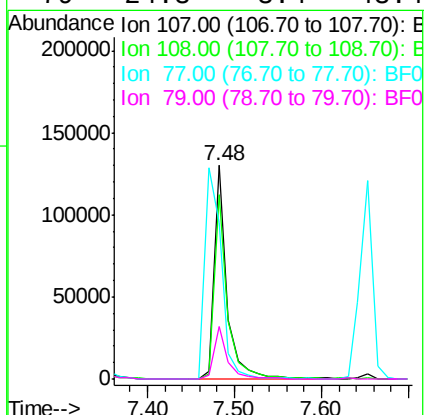
Ion Ratio Lower Upper

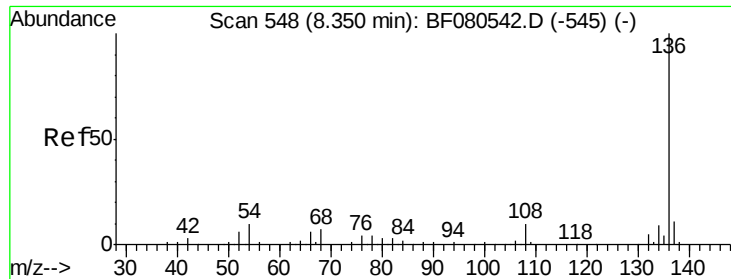
107 100

108 86.6 64.0 104.0

77 73.1 55.4 95.4

79 24.3 3.4 43.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 195118

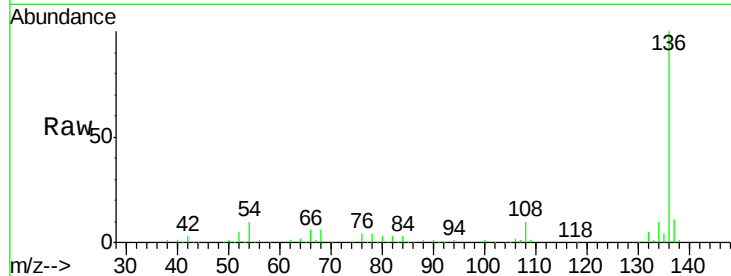
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.0 8.3 12.5

68 5.8 5.4 8.2

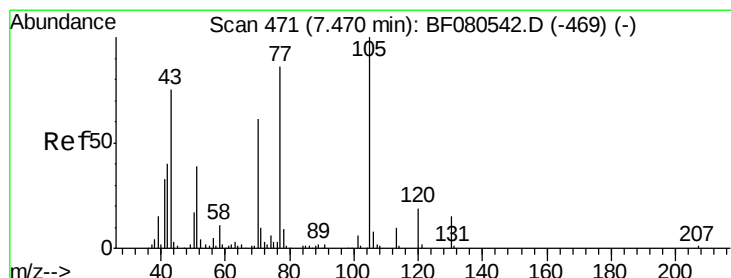
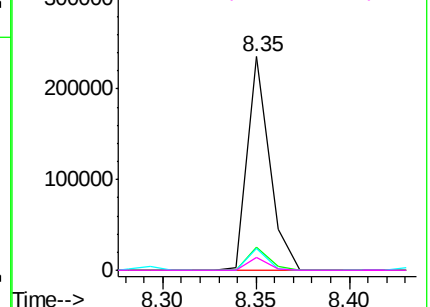
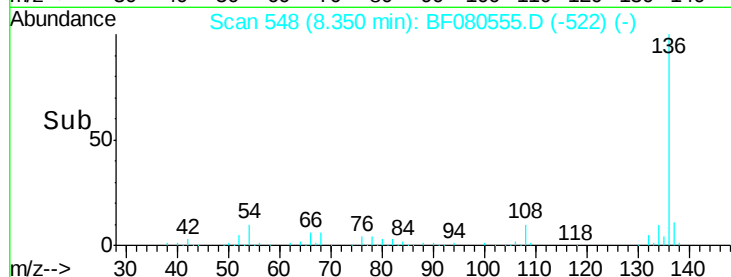


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.35 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Tgt Ion:105 Resp: 164782

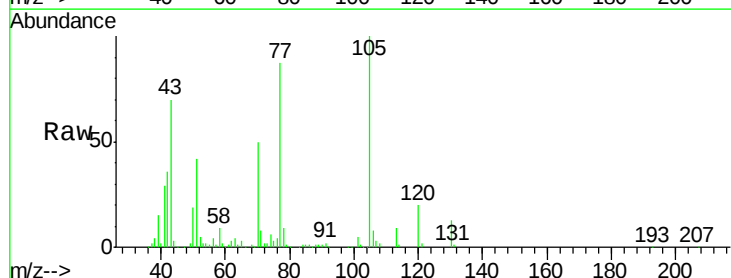
Ion Ratio Lower Upper

105 100

71 8.0 8.3 12.5#

51 41.5 31.6 47.4

120 20.2 15.5 23.3

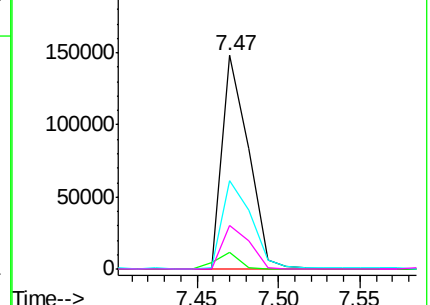
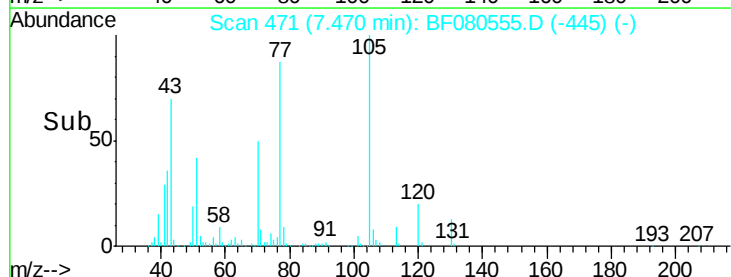


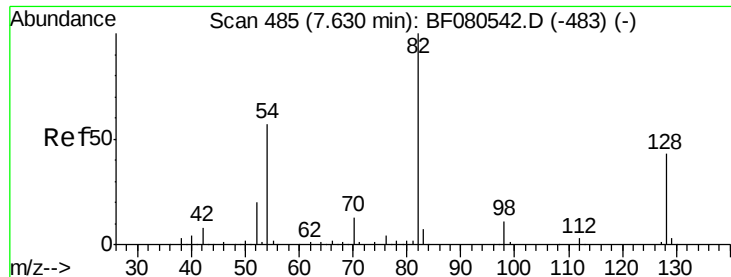
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.50 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

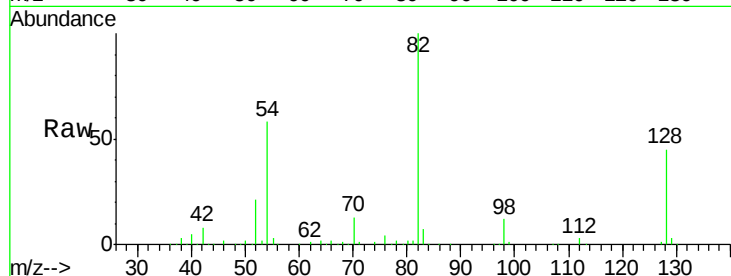
Tot Ion: 82 Resp: 258578

Ion Ratio Lower Upper

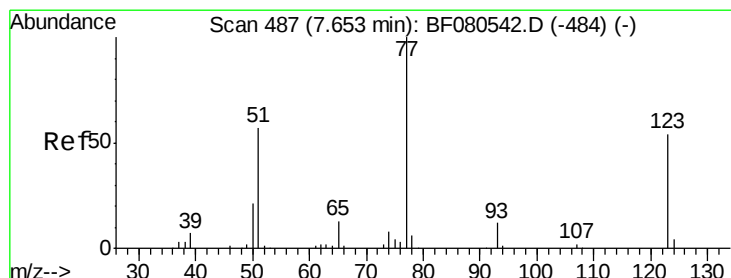
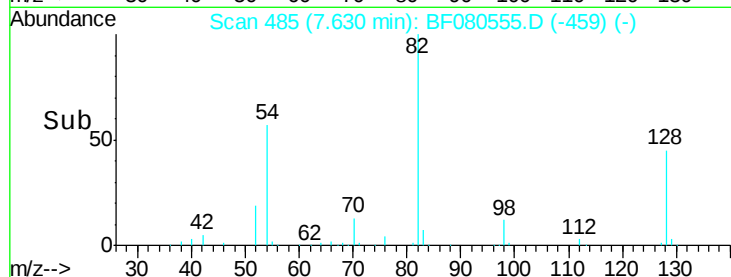
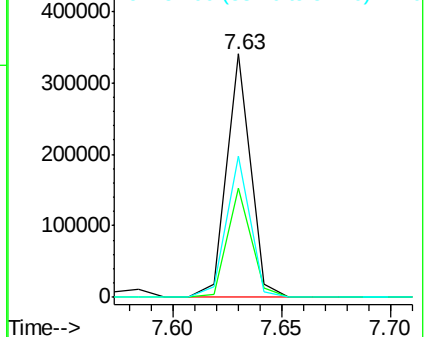
82 100

128 45.1 34.6 51.8

54 57.8 45.8 68.6



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



#24

Nitrobenzene

Concen: 35.18 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

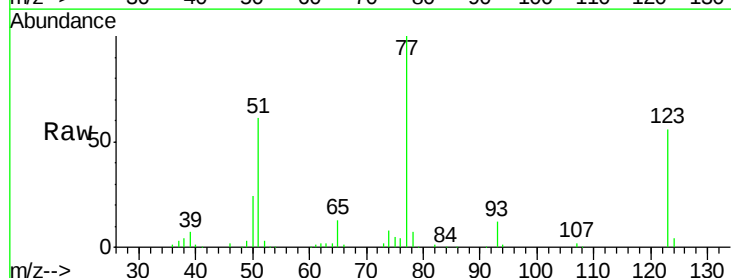
Tgt Ion: 77 Resp: 121672

Ion Ratio Lower Upper

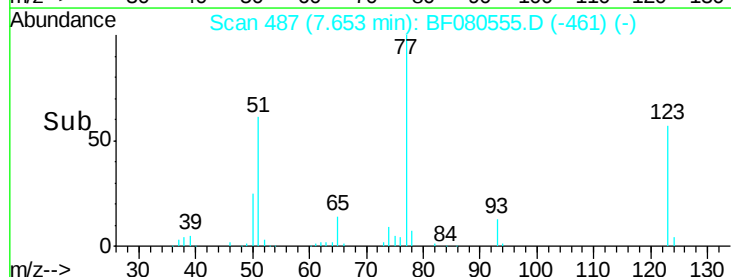
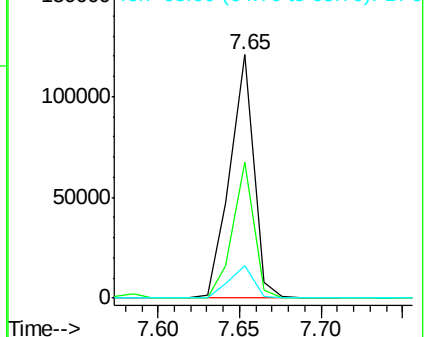
77 100

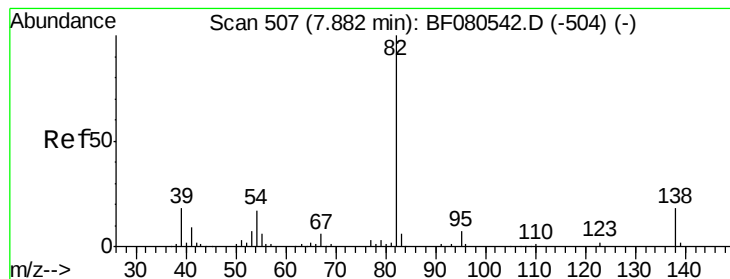
123 56.0 42.9 64.3

65 13.2 10.7 16.1



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





#25

Isophorone

Concen: 36.85 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

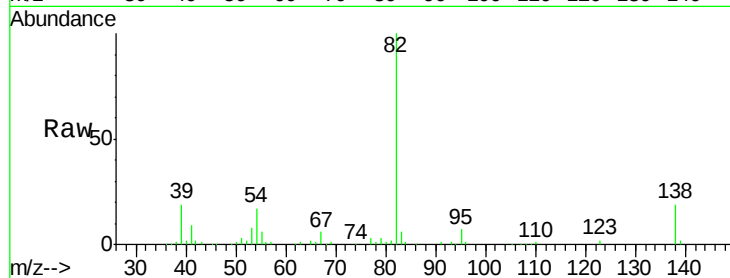
Tot Ion: 82 Resp: 215263

Ion Ratio Lower Upper

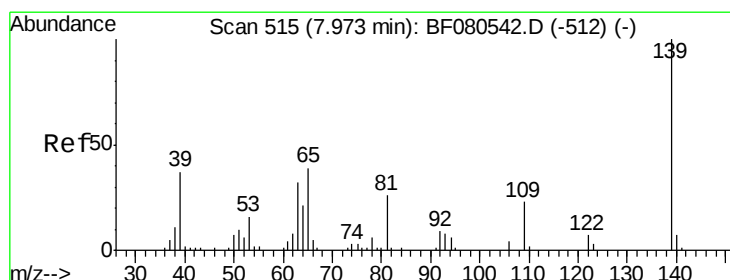
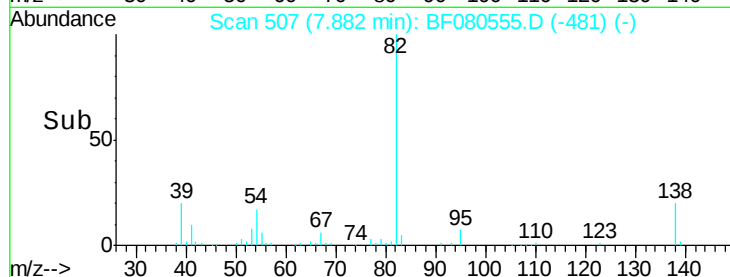
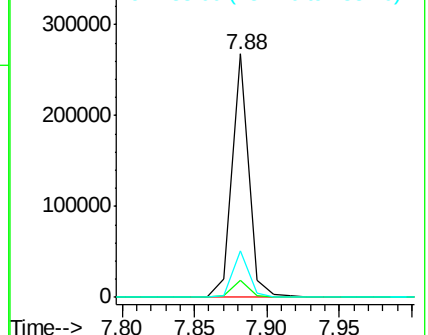
82 100

95 7.2 5.5 8.3

138 19.2 14.7 22.1



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



#26

2-Nitrophenol

Concen: 35.80 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

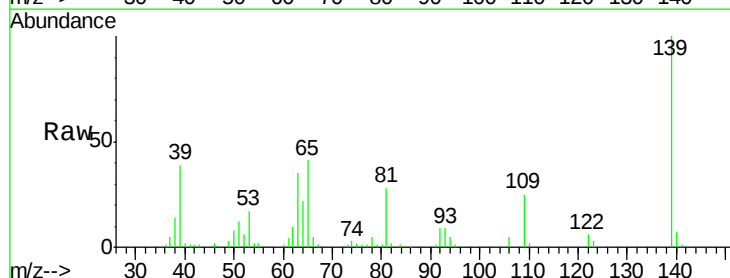
Tgt Ion: 139 Resp: 60758

Ion Ratio Lower Upper

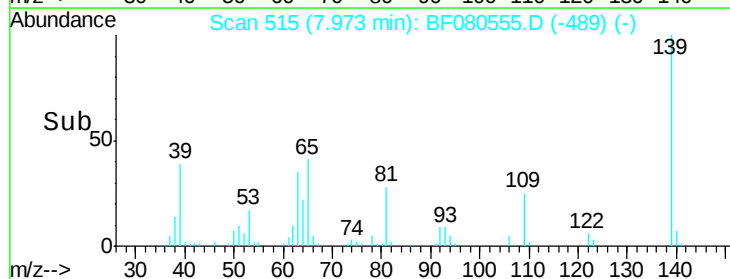
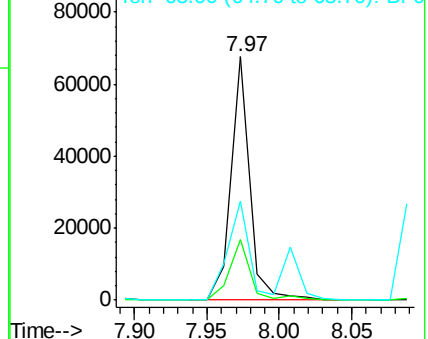
139 100

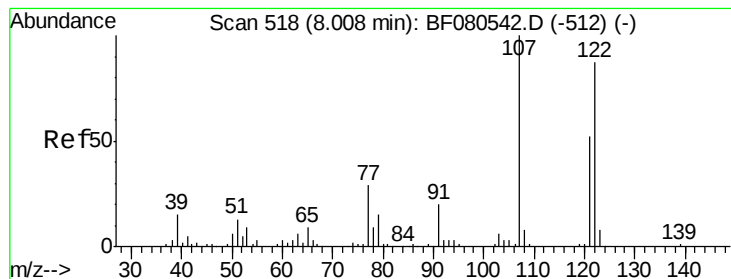
109 25.0 18.3 27.5

65 40.8 31.0 46.6



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.70 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

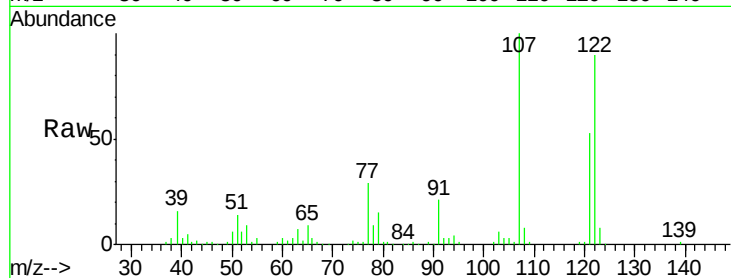
Tot Ion:122 Resp: 121190

Ion Ratio Lower Upper

122 100

107 111.3 91.6 137.4

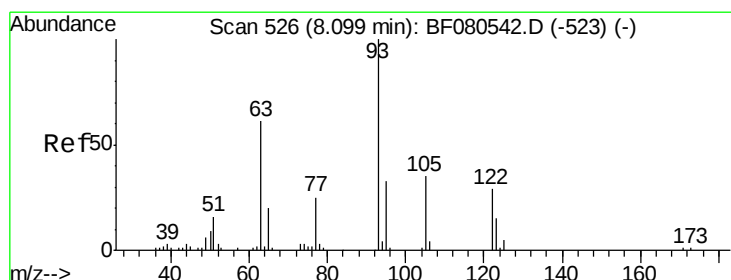
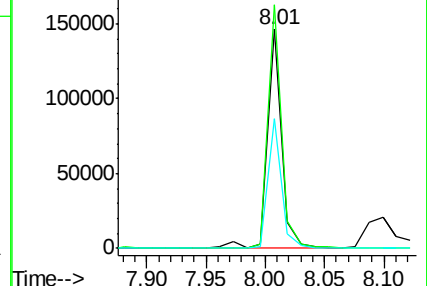
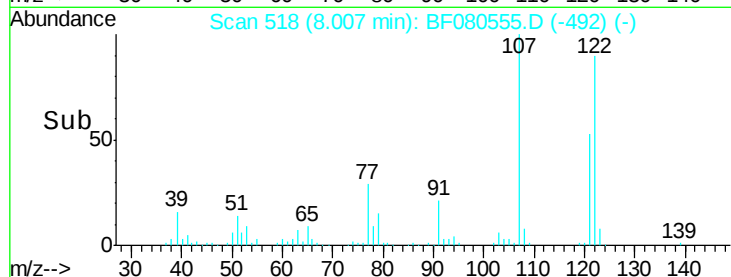
121 59.0 47.4 71.0



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: 37.73 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

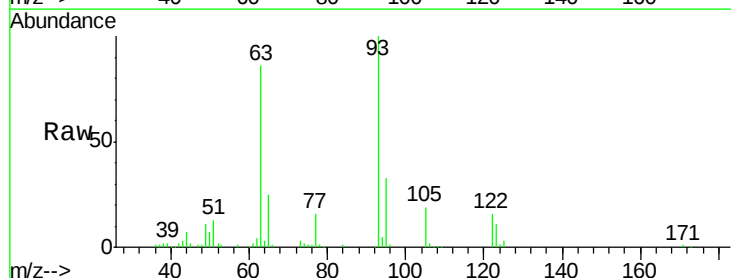
Tgt Ion: 93 Resp: 122049

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

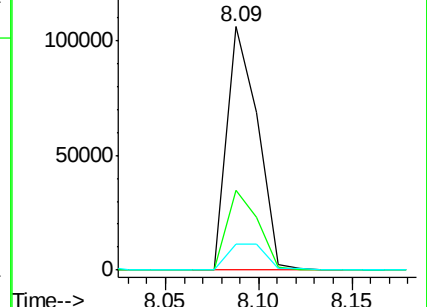
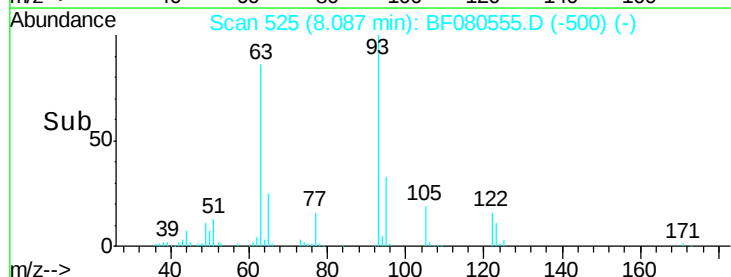
123 10.8 12.2 18.4#

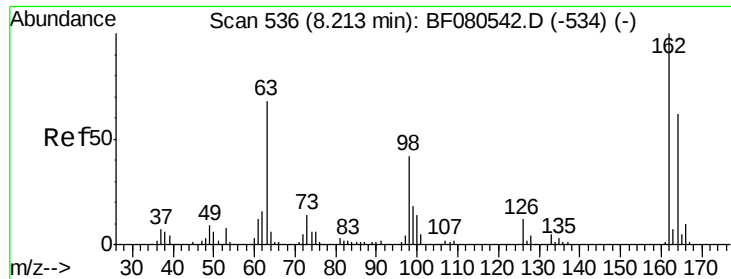


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

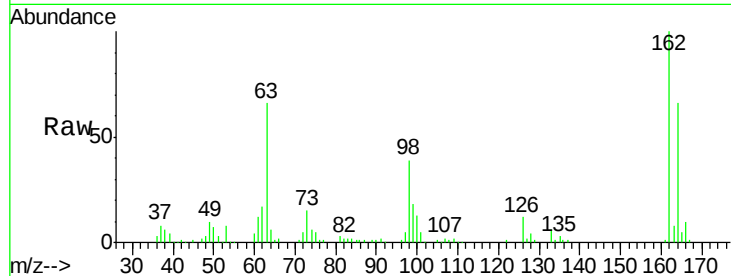




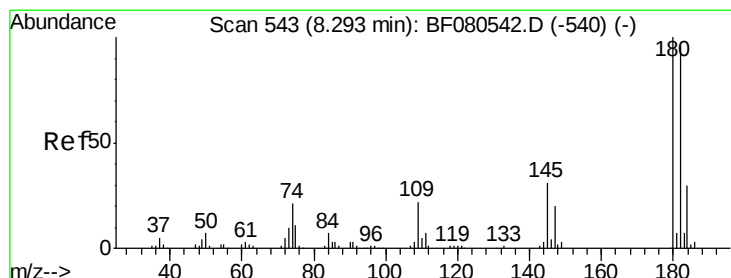
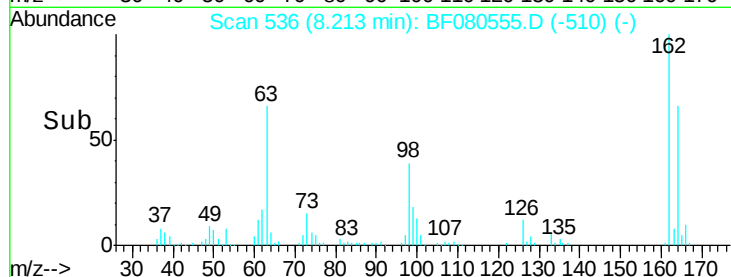
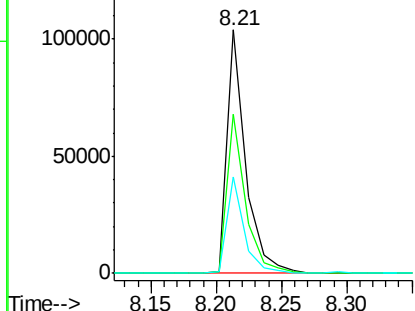
#29
 2,4-Dichlorophenol
 Concen: 41.59 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	41.6	81.6
98	39.5	21.9	61.9

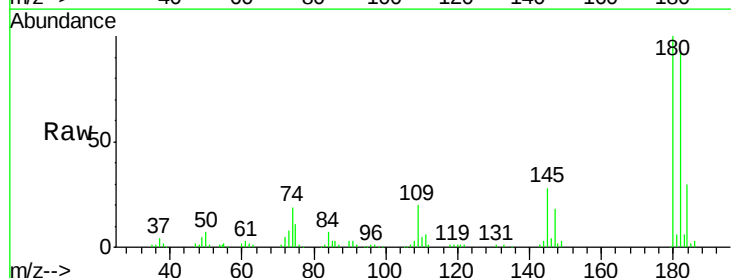


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

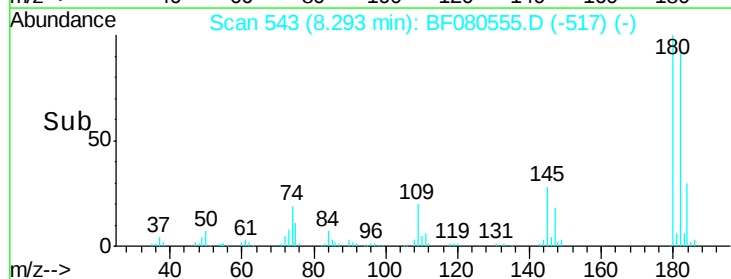
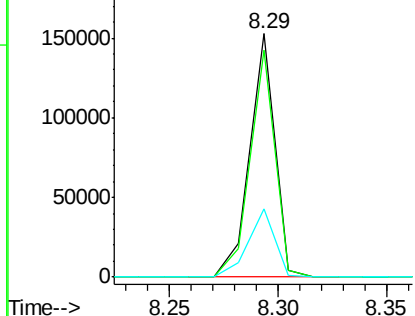


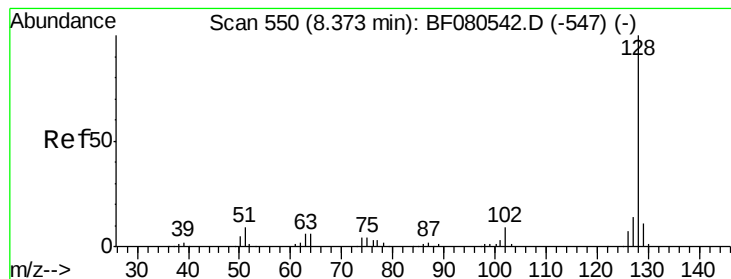
#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.0	115.4
145	28.2	24.5	36.7



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





#31

Naphthalene

Concen: 41.03 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

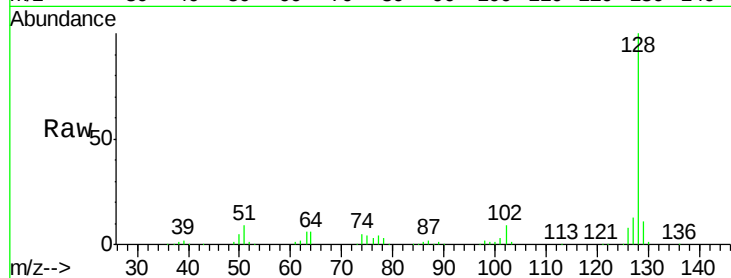
Tot Ion:128 Resp: 396202

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

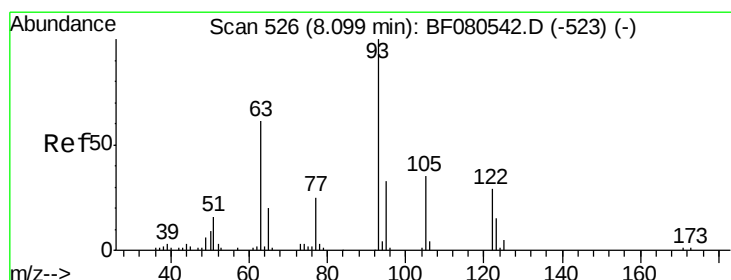
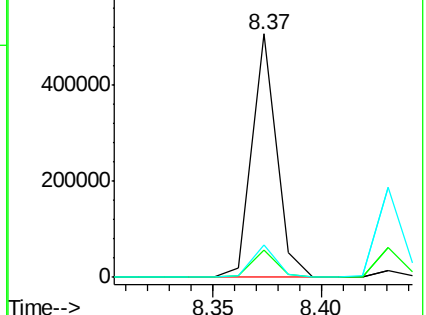
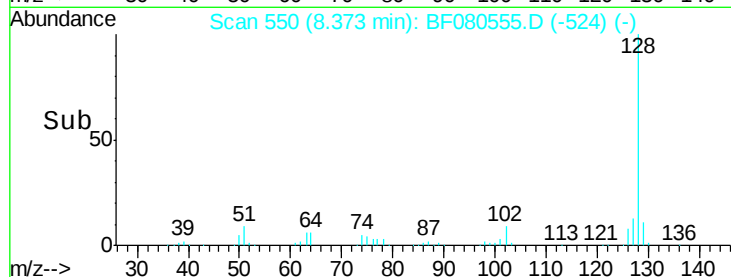
127 13.3 11.0 16.4



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: 36.10 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

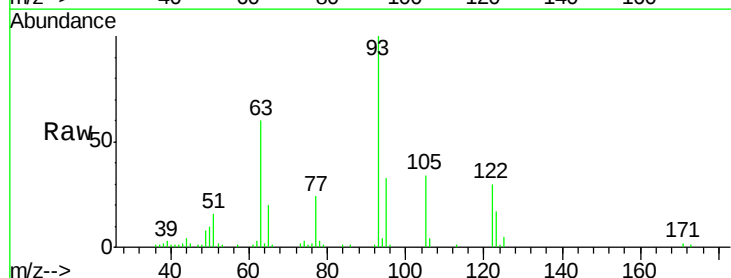
Tgt Ion:122 Resp: 43680

Ion Ratio Lower Upper

122 100

105 111.7 101.3 141.3

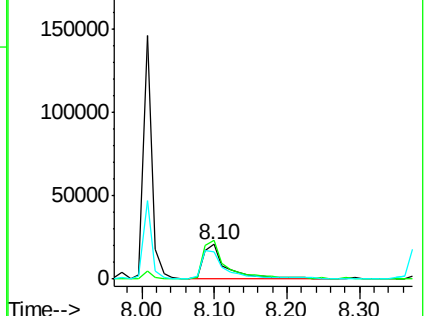
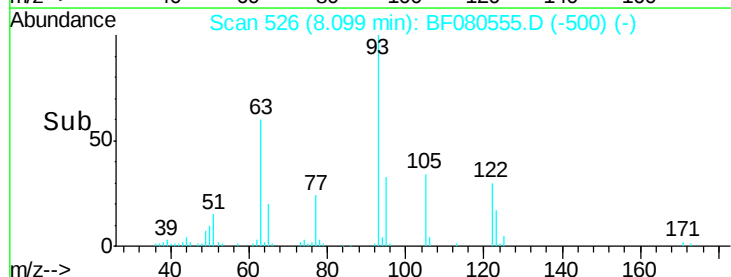
77 78.7 64.1 104.1

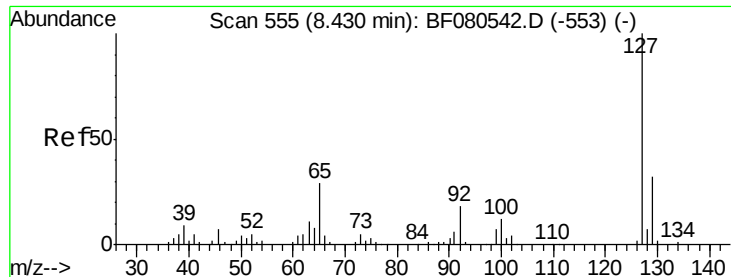


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

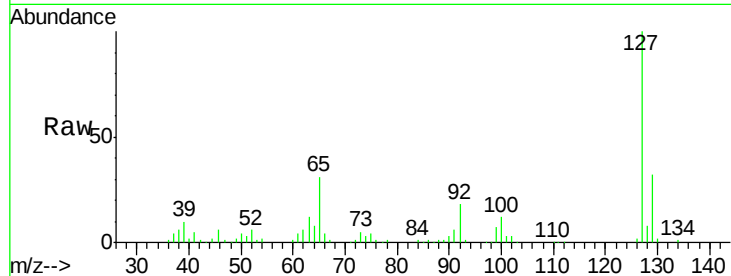




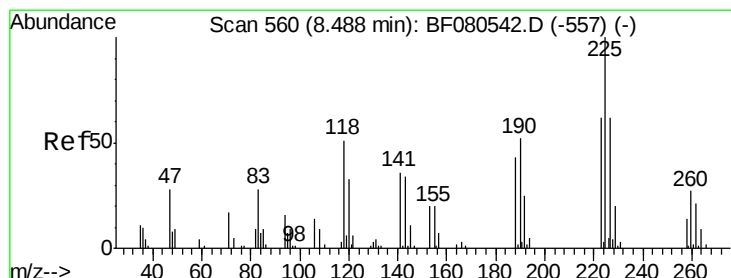
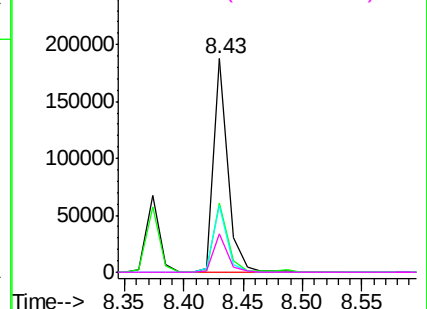
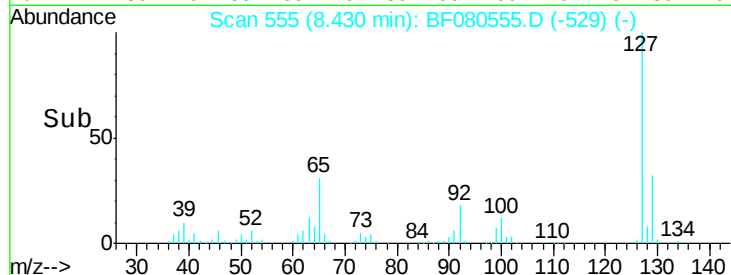
#33
4-Chloroaniline
Concen: 40.98 ng
RT: 8.43 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	157672
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	31.0	23.5	35.3
92	17.7	14.2	21.4

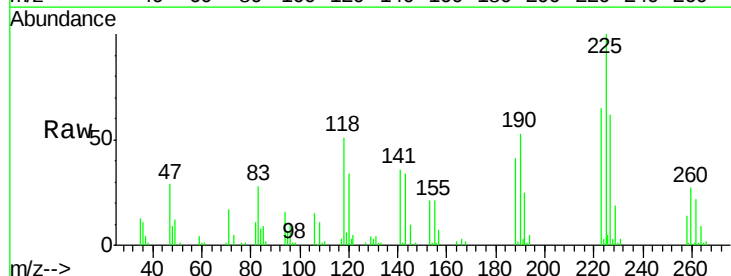


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

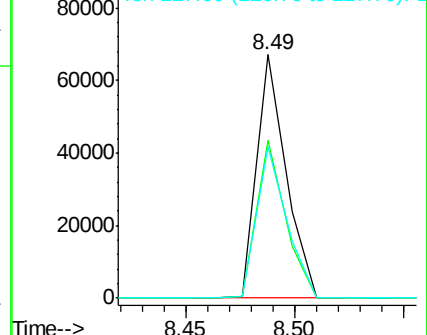
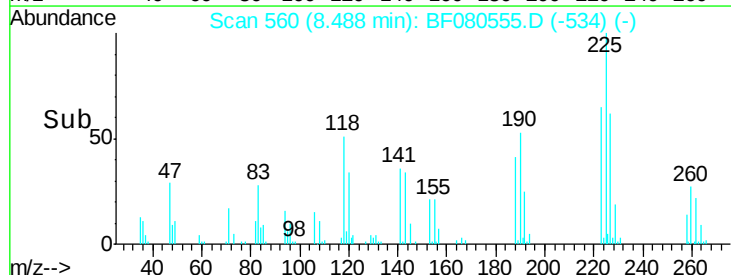


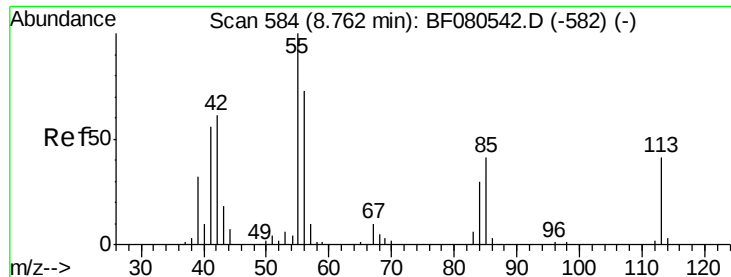
#34
Hexachlorobutadiene
Concen: 42.74 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:	225	Resp:	62704
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.4	74.2
227	62.1	49.3	73.9



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: 39.48 ng

RT: 8.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

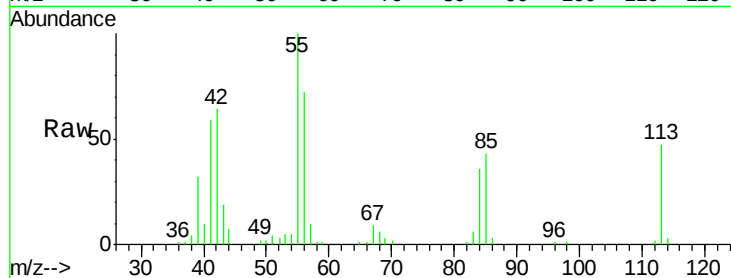
Tot Ion:113 Resp: 22297

Ion Ratio Lower Upper

113 100

55 211.0 225.3 265.3#

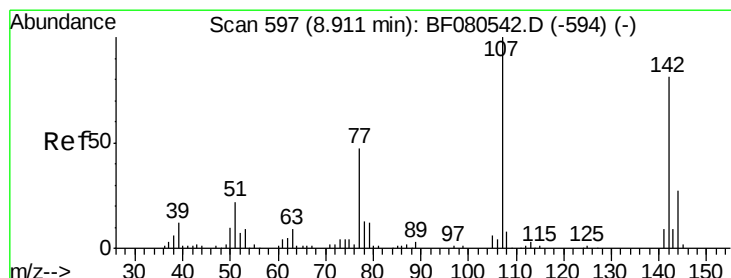
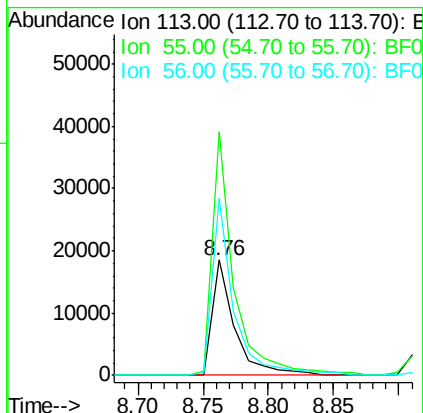
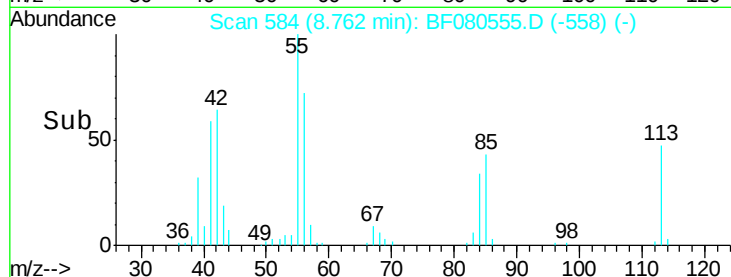
56 152.9 159.9 199.9#



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: 38.67 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

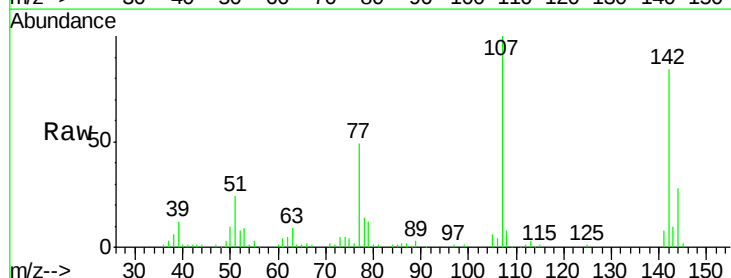
Tgt Ion:107 Resp: 98042

Ion Ratio Lower Upper

107 100

144 28.0 21.4 32.0

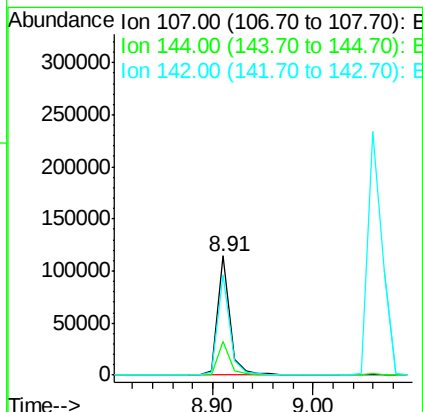
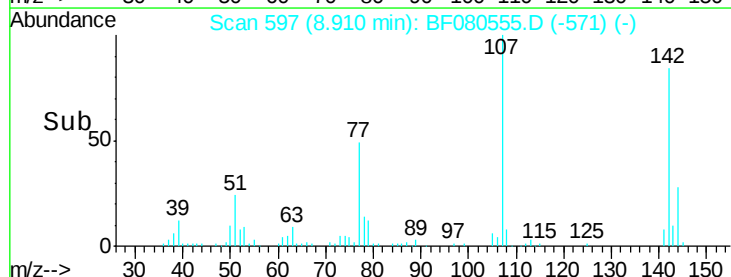
142 84.3 64.4 96.6

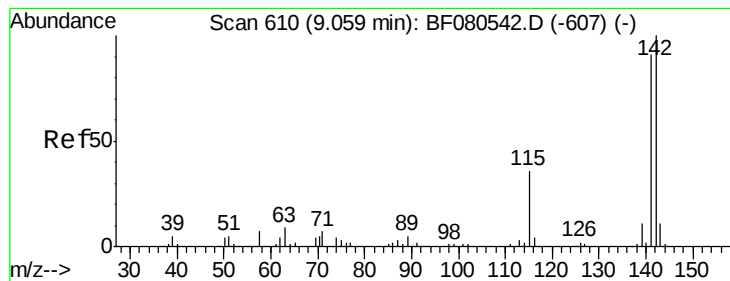


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.04 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

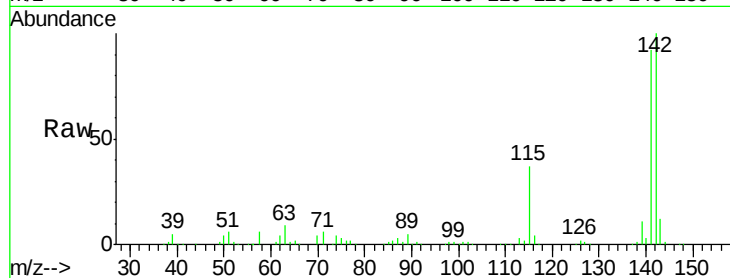
Tot Ion:142 Resp: 231407

Ion Ratio Lower Upper

142 100

141 92.2 72.5 108.7

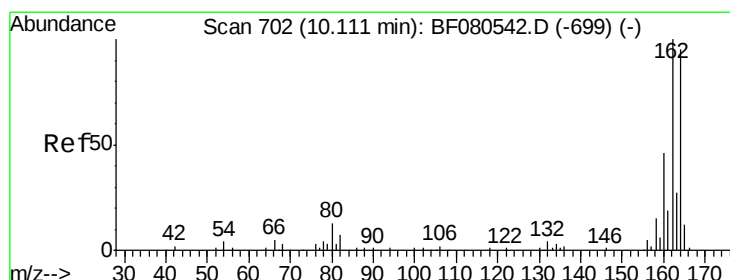
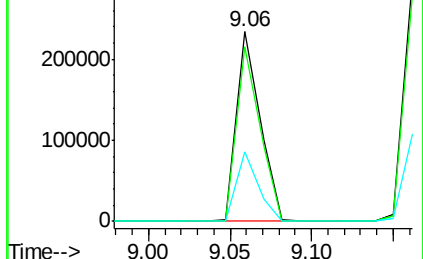
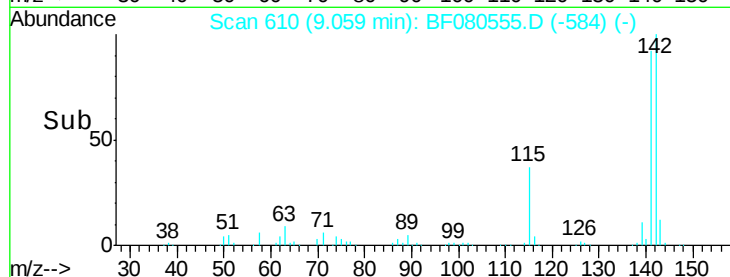
115 36.5 28.7 43.1



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: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

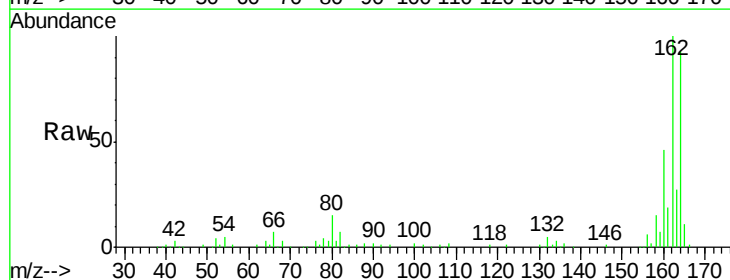
Tgt Ion:164 Resp: 80159

Ion Ratio Lower Upper

164 100

162 107.8 84.1 126.1

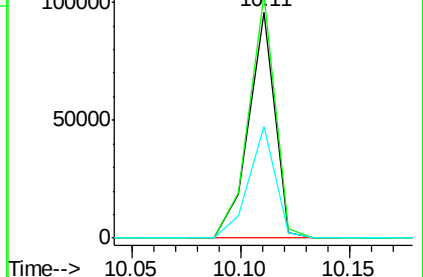
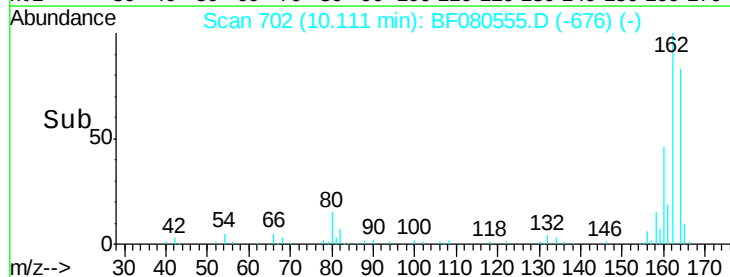
160 49.4 38.8 58.2

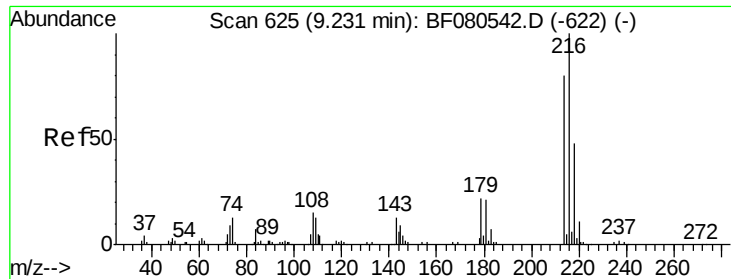


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

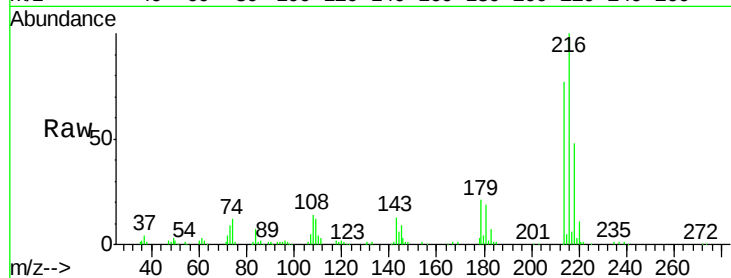




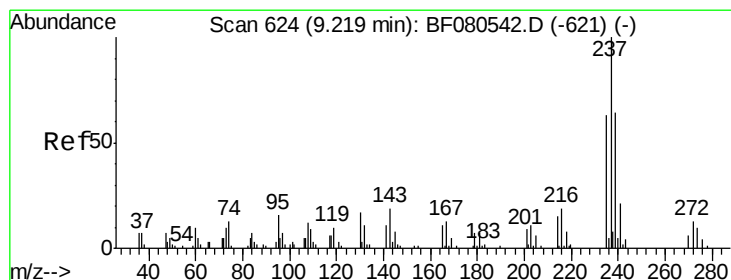
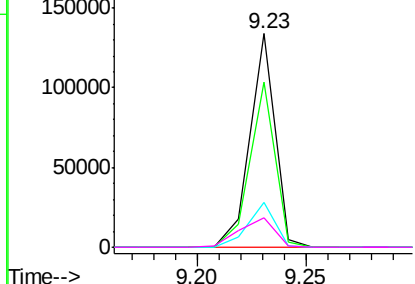
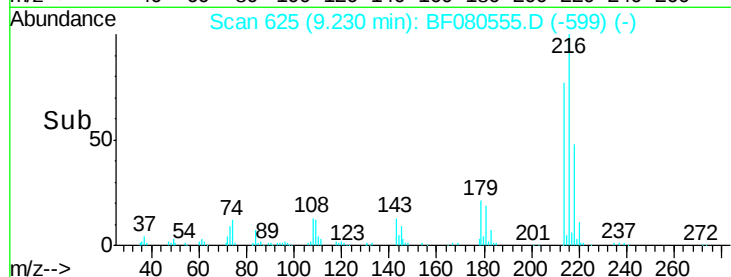
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.28 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	216	Resp:	107183
Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.6	95.4
179	22.2	18.3	27.5
108	19.2	15.0	22.4

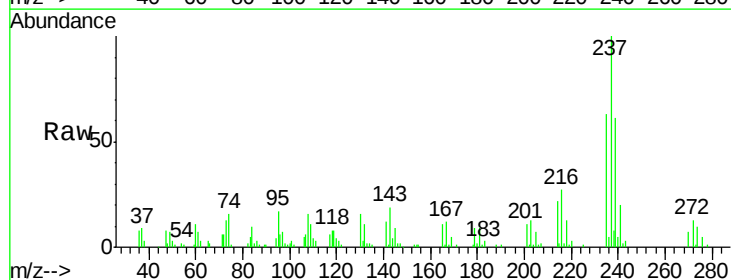


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

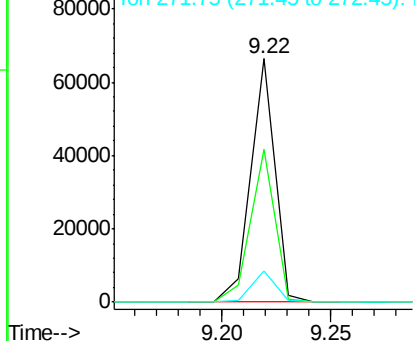
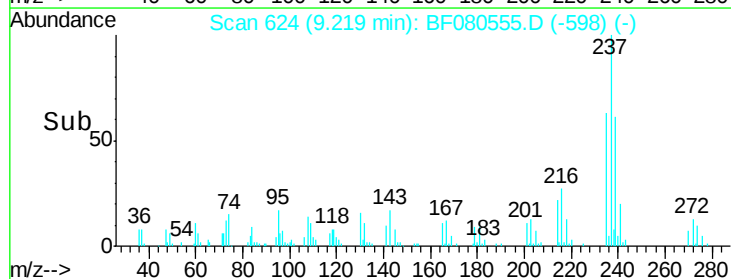


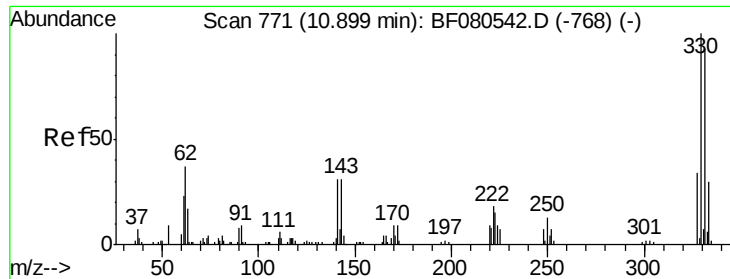
#40
 Hexachlorocyclopentadiene
 Concen: 42.95 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion:	237	Resp:	51242
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.1	83.1
272	12.6	0.0	33.3



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

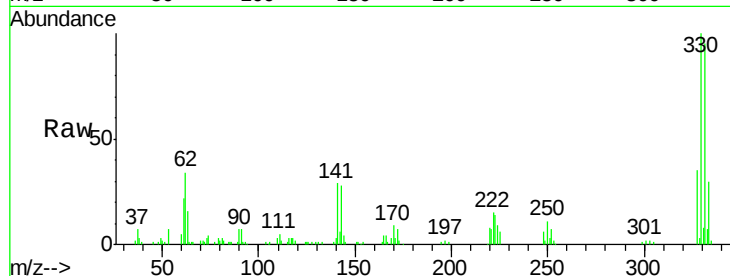




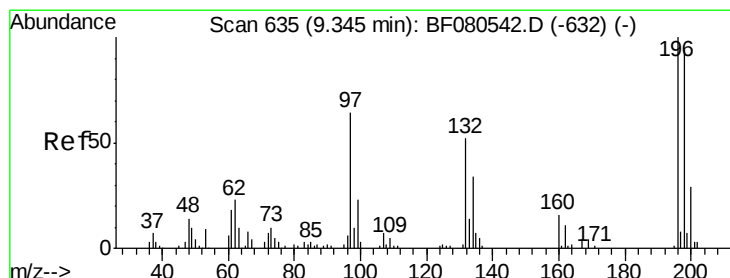
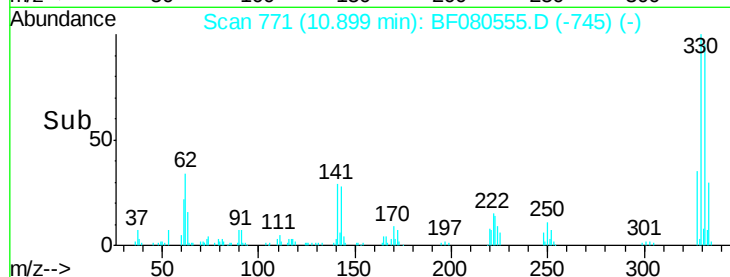
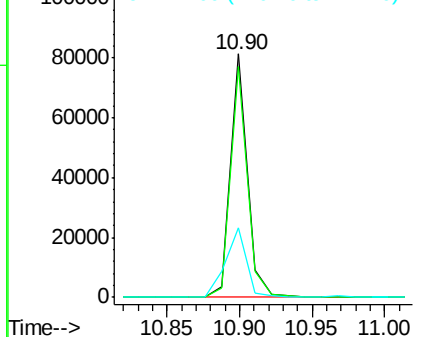
#41
 2,4,6-Tribromophenol
 Concen: 91.65 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 65743
 Ion Ratio Lower Upper
 330 100
 332 94.9 74.3 111.5
 141 35.2 29.0 43.4

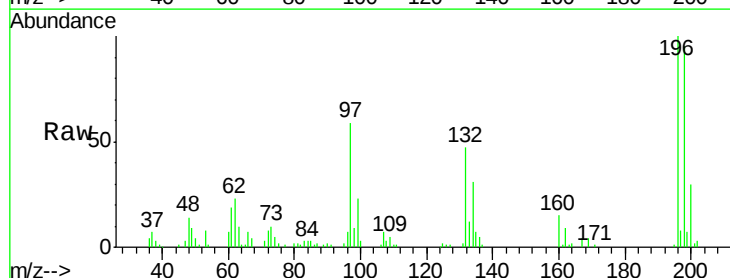


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

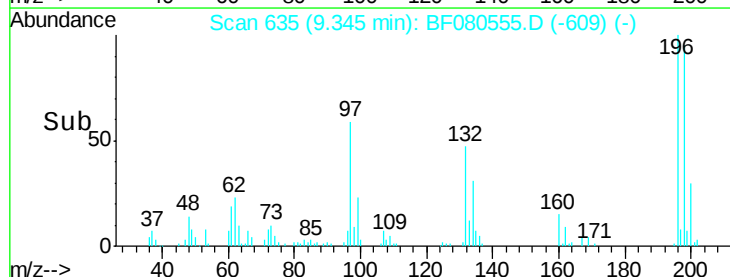
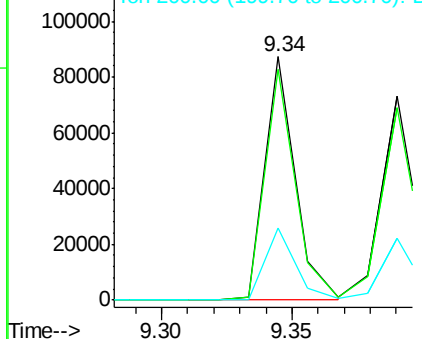


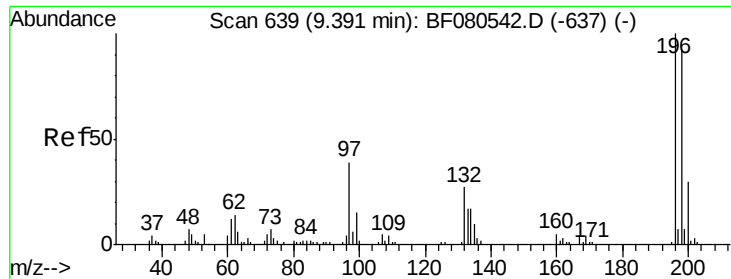
#42
 2,4,6-Trichlorophenol
 Concen: 48.53 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion:196 Resp: 70851
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.4 113.2
 200 29.7 23.3 34.9



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

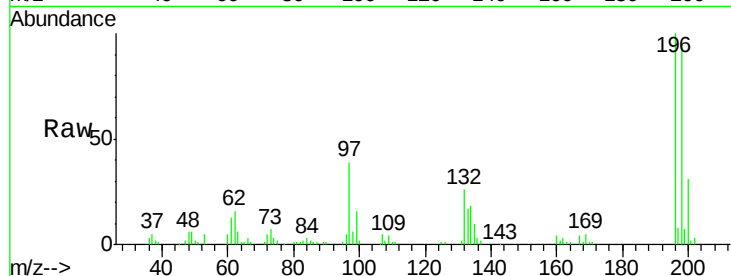




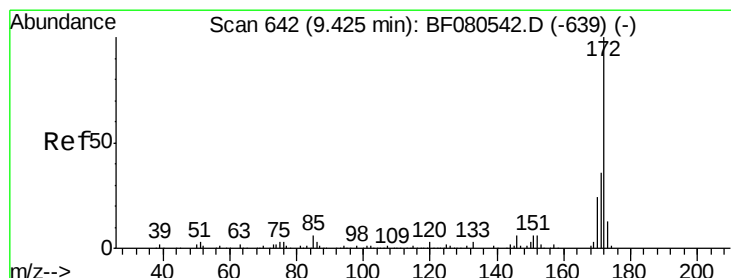
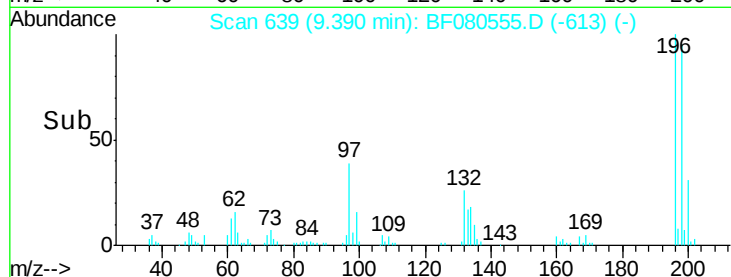
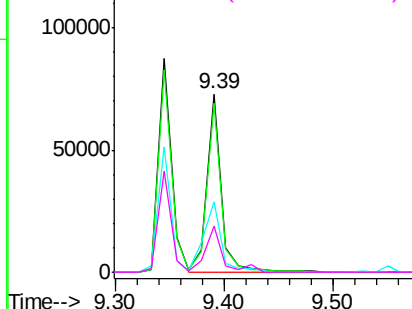
#43
 2,4,5-Trichlorophenol
 Concen: 42.27 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 67433
 Ion Ratio Lower Upper
 196 100
 198 94.8 73.8 110.8
 97 39.1 31.3 46.9
 132 26.0 21.7 32.5

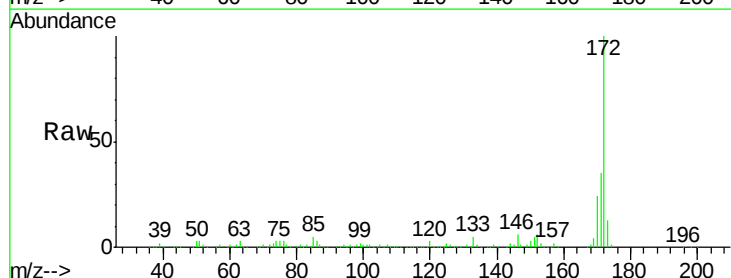


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

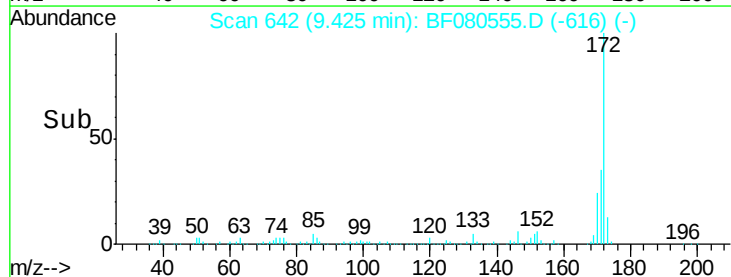
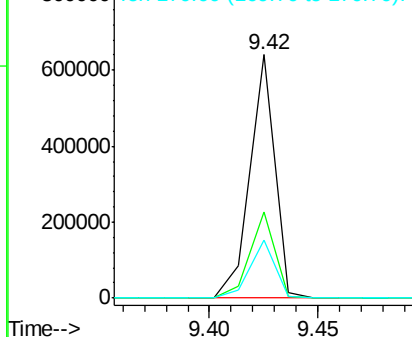


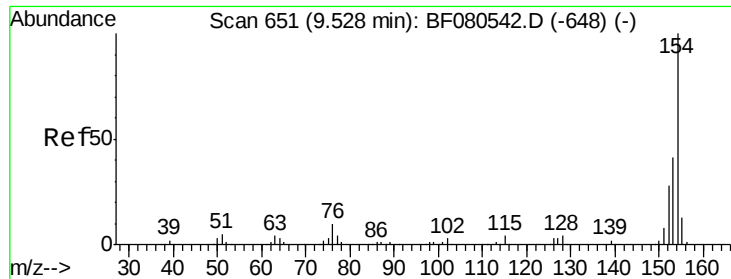
#44
 2-Fluorobiphenyl
 Concen: 89.00 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion:172 Resp: 507921
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.8 43.2
 170 23.7 19.0 28.4



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

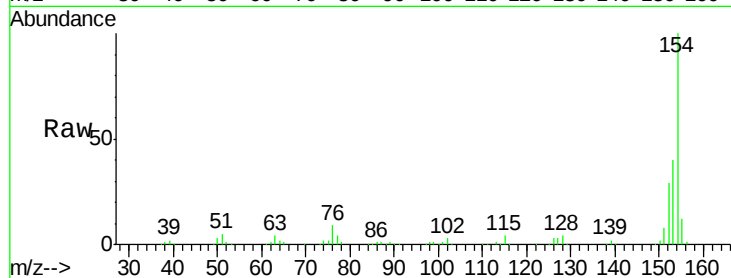




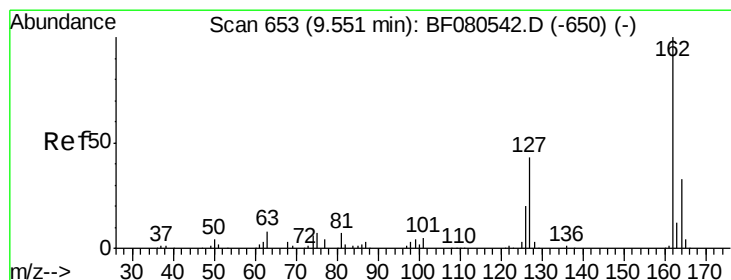
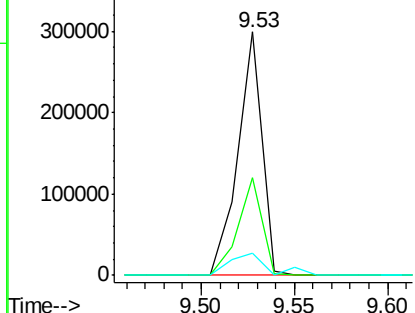
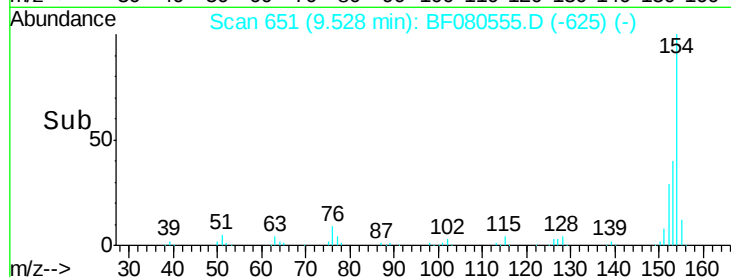
#45
 1,1'-Biphenyl
 Concen: 40.82 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	9.1	0.0	29.6

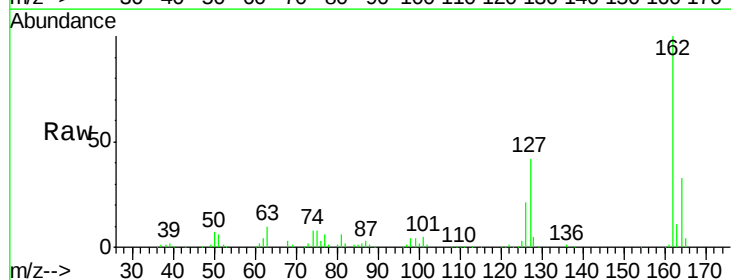


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

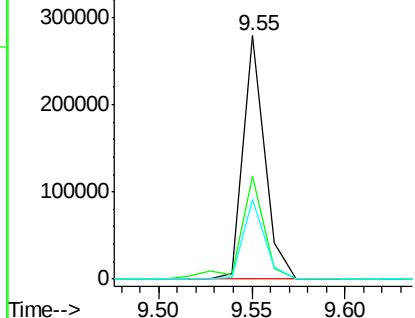
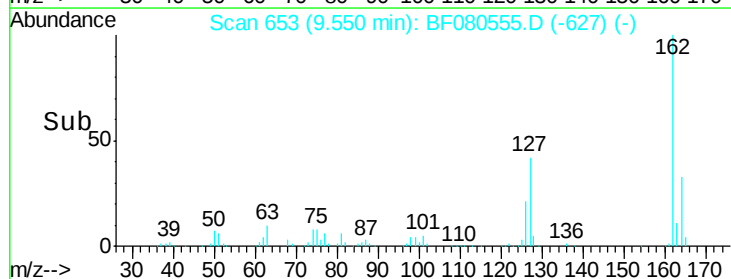


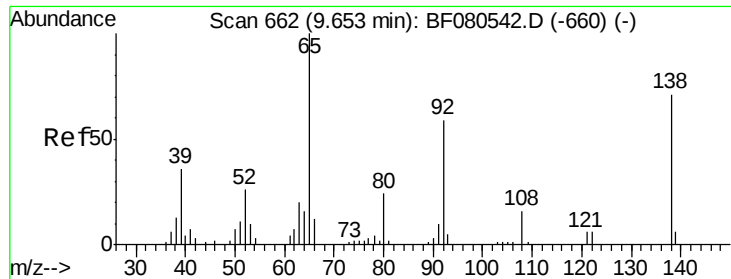
#46
 2-Chloronaphthalene
 Concen: 45.80 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.4	53.2
164	32.6	26.2	39.2



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

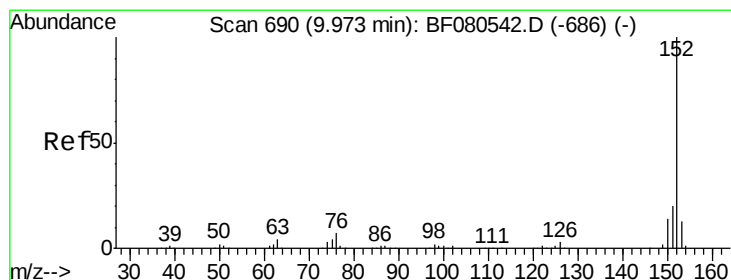
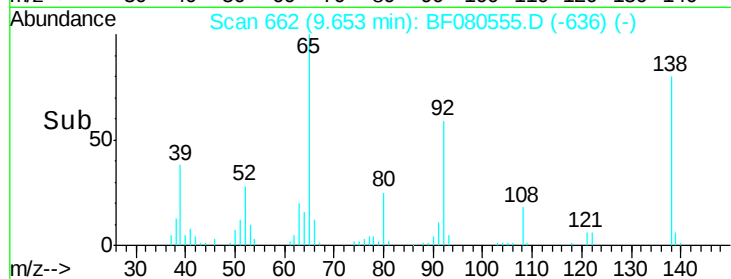
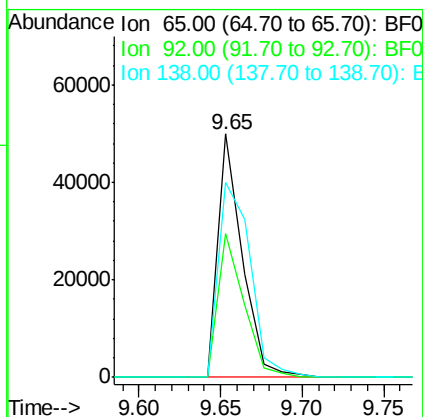
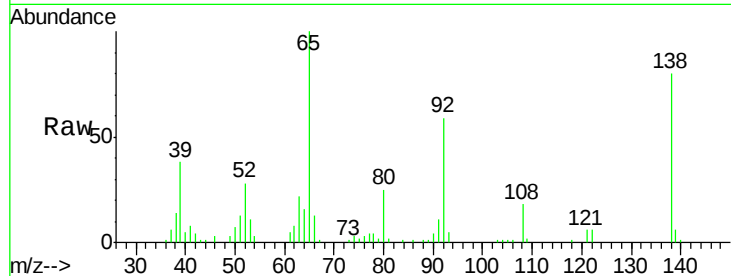




#47
2-Nitroaniline
Concen: 42.91 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

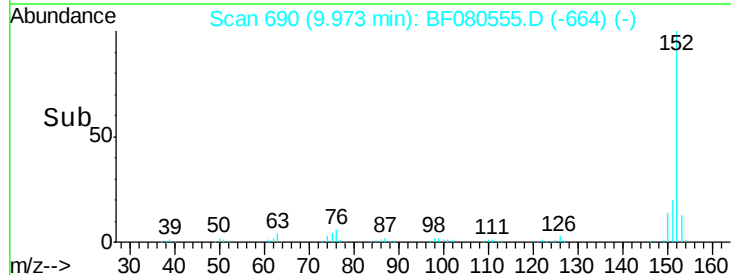
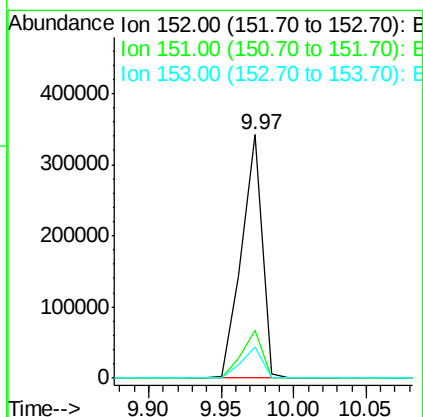
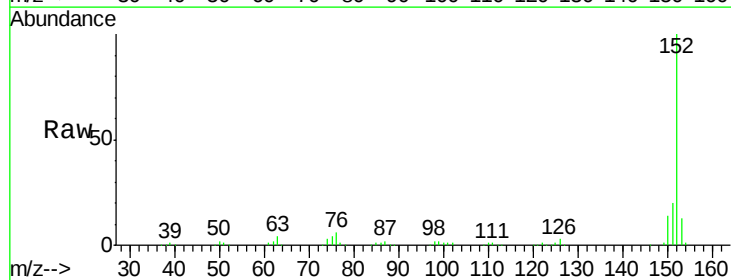
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

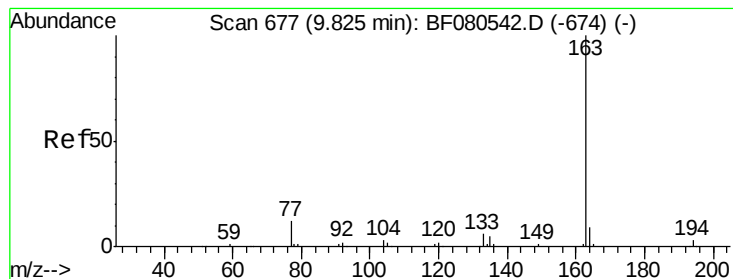
Tot Ion: 65 Resp: 51845
Ion Ratio Lower Upper
65 100
92 59.2 47.4 71.0
138 80.0 57.1 85.7



#48
Acenaphthylene
Concen: 41.89 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion: 152 Resp: 339639
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.6 10.4 15.6





#49

Dimethylphthalate

Concen: 40.33 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

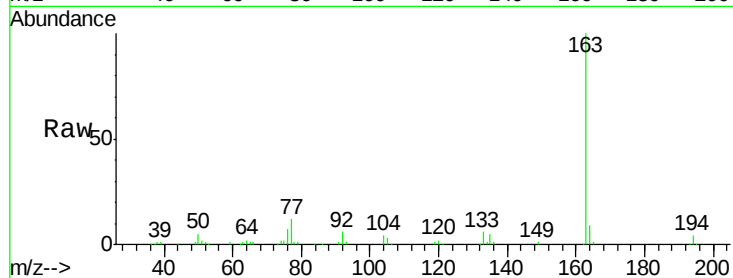
Tot Ion:163 Resp: 215132

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

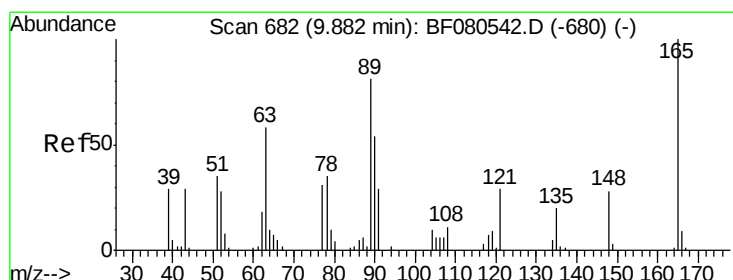
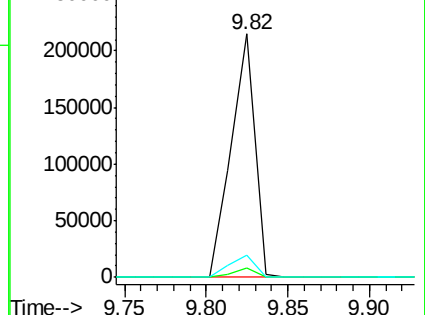
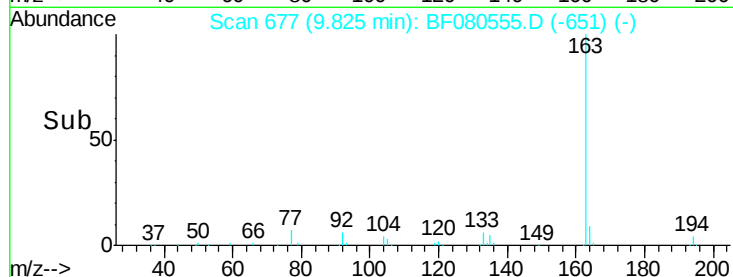
164 9.3 7.4 11.2



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: 41.83 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

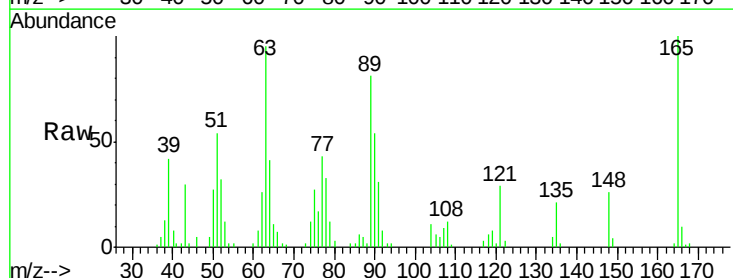
Tgt Ion:165 Resp: 43408

Ion Ratio Lower Upper

165 100

63 95.5 74.5 111.7

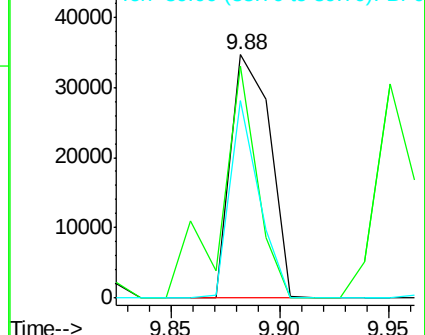
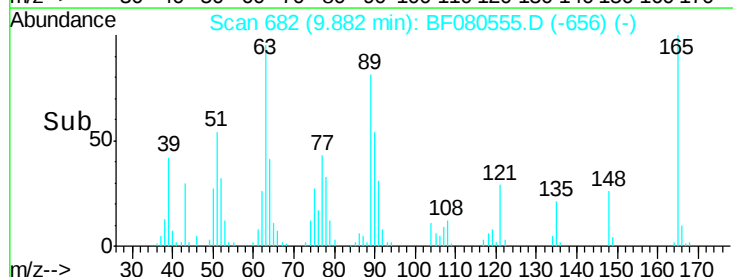
89 81.3 64.6 97.0

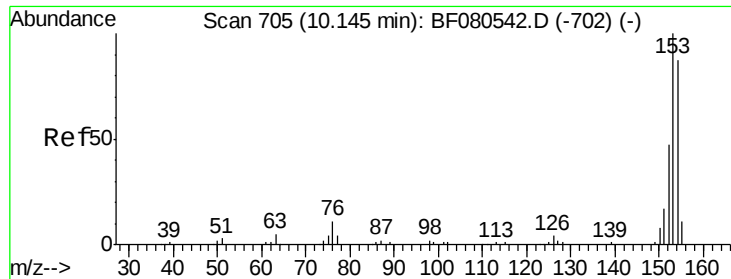


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.92 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

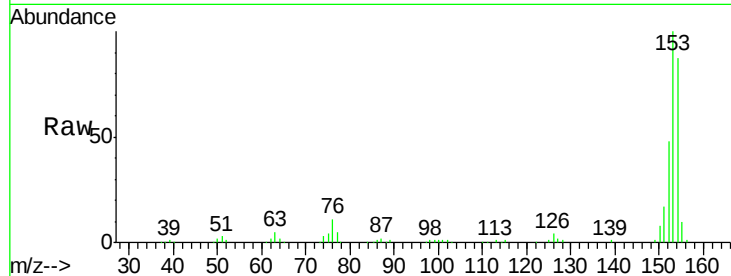
Tot Ion:154 Resp: 197811

Ion Ratio Lower Upper

154 100

153 115.6 92.3 138.5

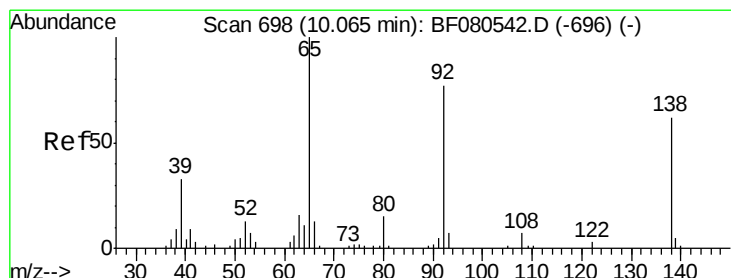
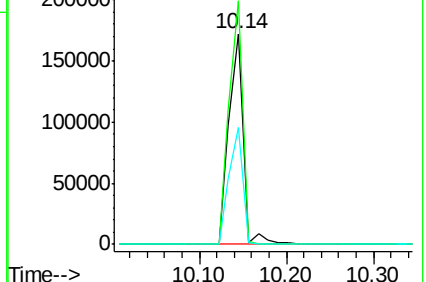
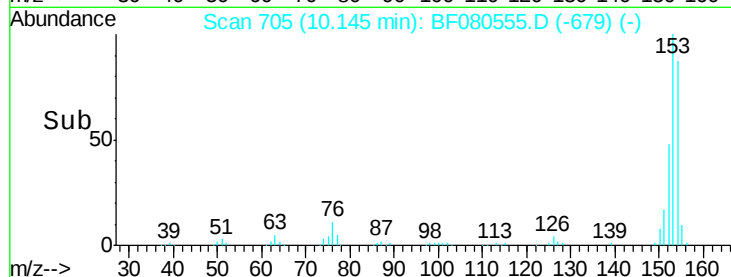
152 55.7 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.69 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

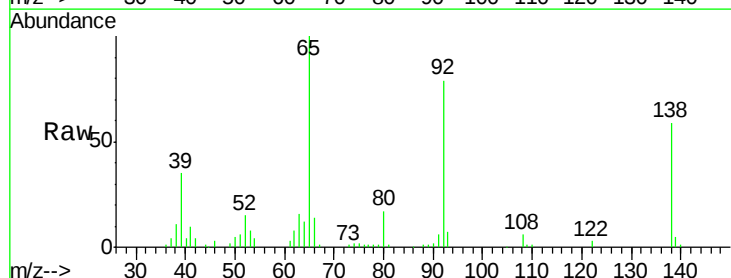
Tgt Ion:138 Resp: 51876

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

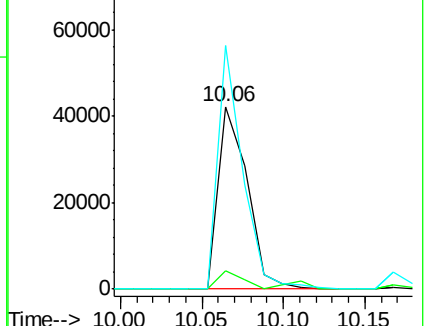
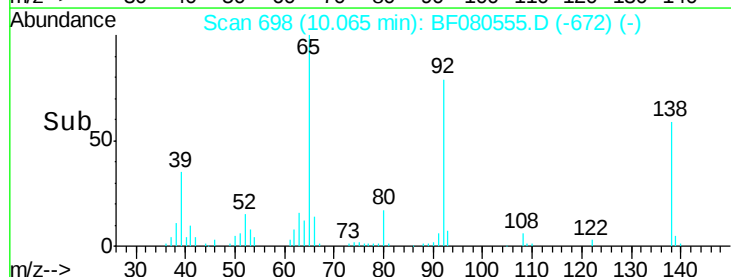
92 133.6 99.7 149.5

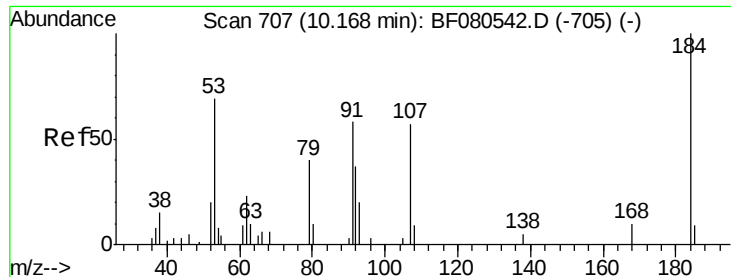


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

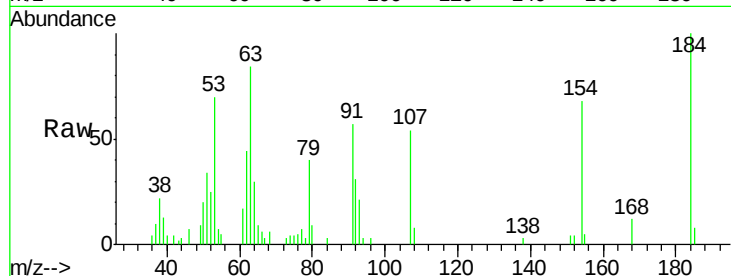




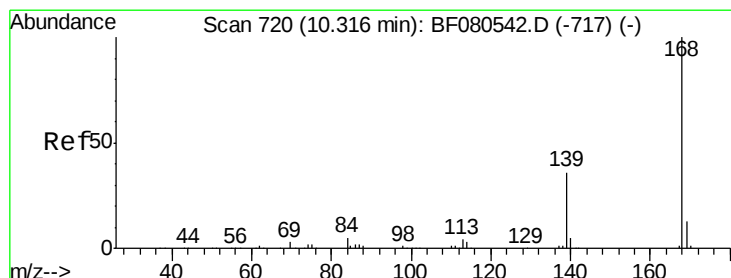
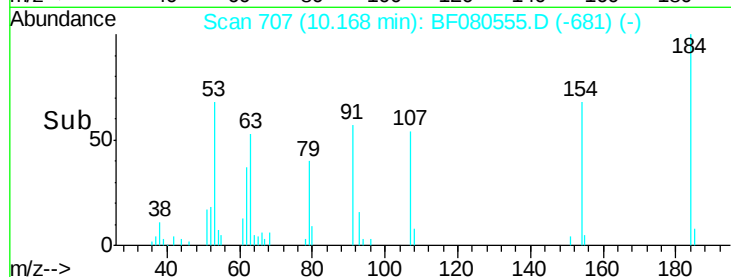
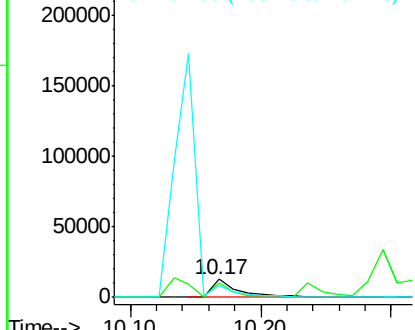
#53
2,4-Dinitrophenol
Concen: 38.03 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 17543
Ion Ratio Lower Upper
184 100
63 83.5 74.8 112.2
154 68.4 55.6 83.4

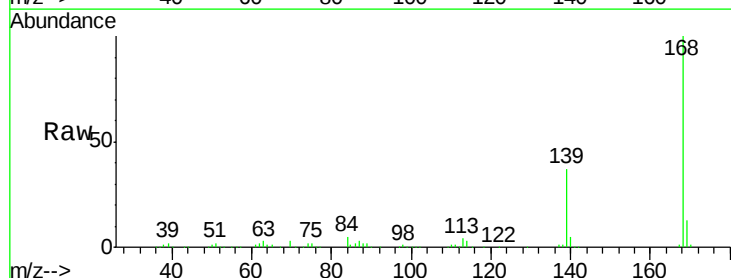


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

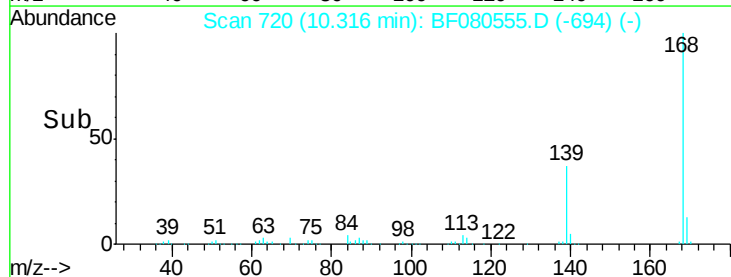
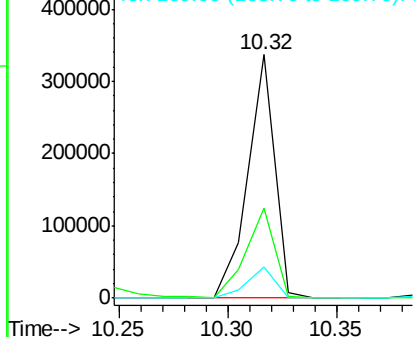


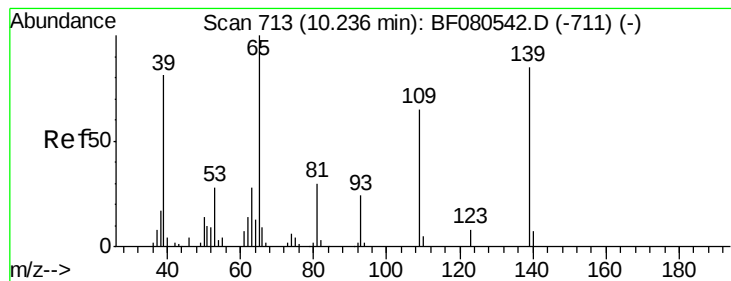
#54
Dibenzofuran
Concen: 41.96 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:168 Resp: 289446
Ion Ratio Lower Upper
168 100
139 36.9 29.0 43.4
169 12.7 10.6 15.8



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: 38.90 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

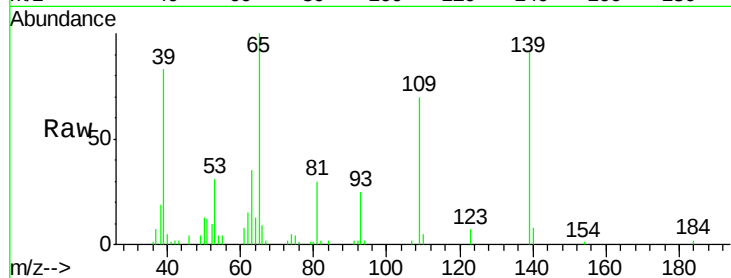
Tot Ion:139 Resp: 35689

Ion Ratio Lower Upper

139 100

109 77.2 56.0 96.0

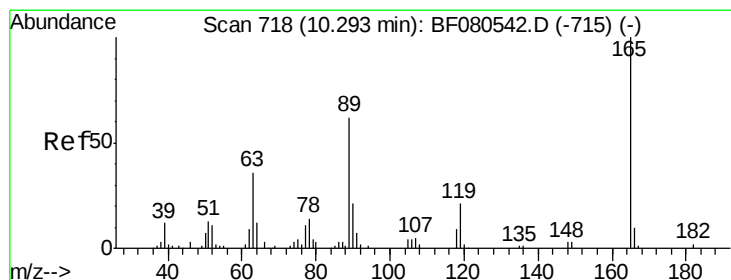
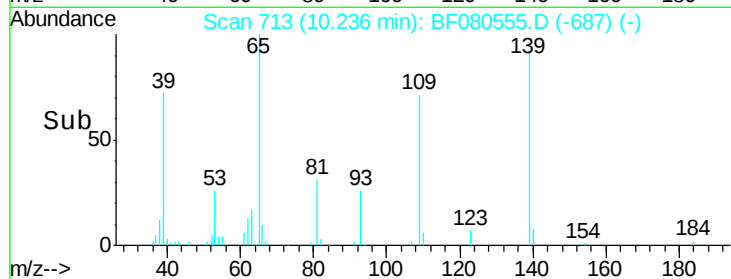
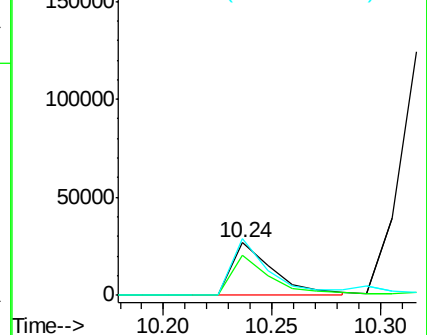
65 109.6 97.3 137.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.00 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Tgt Ion:165 Resp: 63405

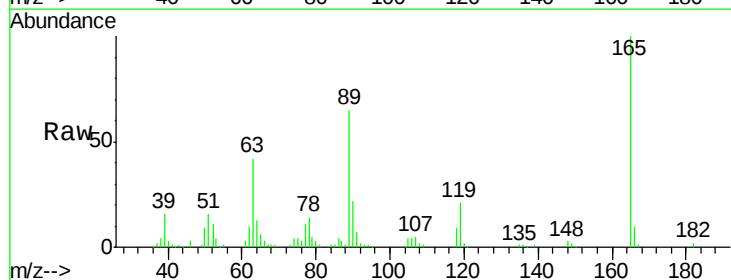
Ion Ratio Lower Upper

165 100

63 41.8 30.2 45.4

89 65.0 49.9 74.9

182 2.3 1.8 2.6

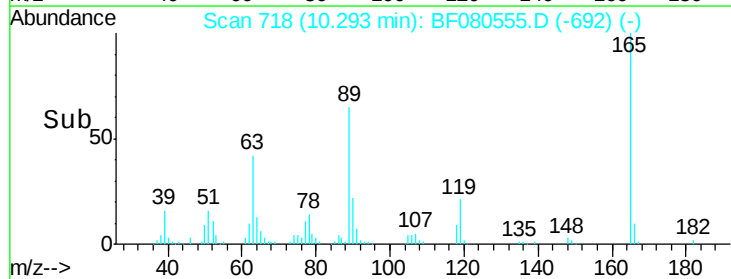
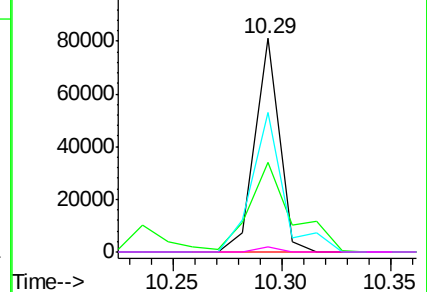


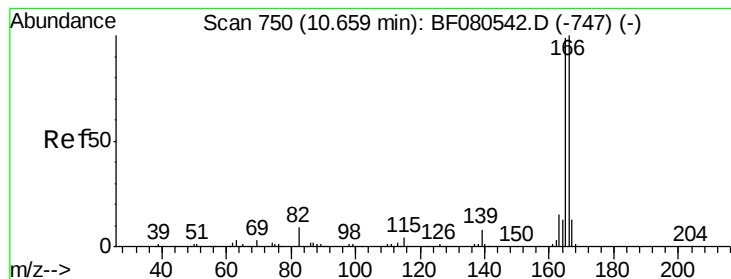
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.53 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

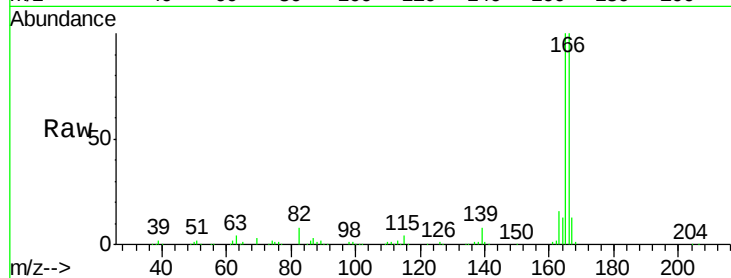
Tot Ion:166 Resp: 221567

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.4

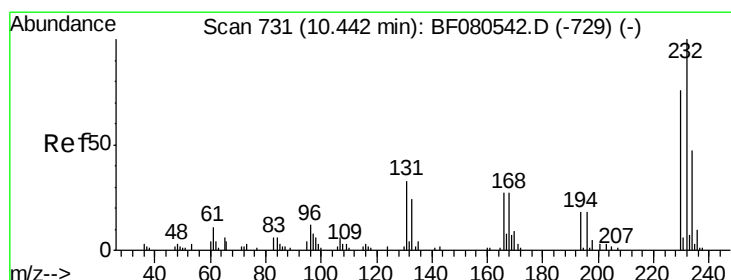
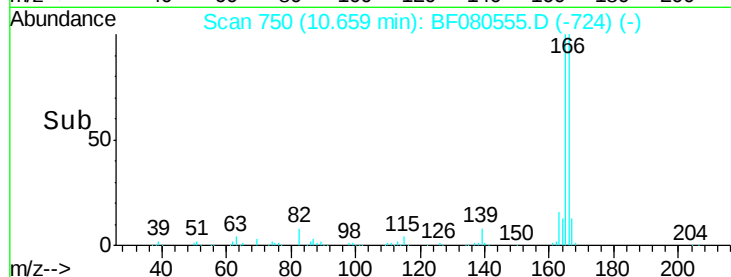
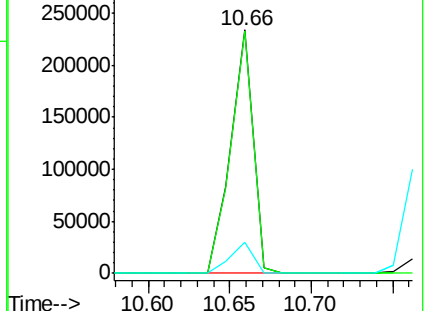
167 12.8 10.1 15.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.72 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Tgt Ion:232 Resp: 46880

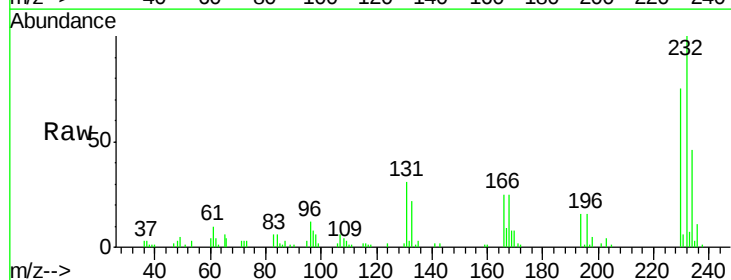
Ion Ratio Lower Upper

232 100

131 52.9 42.7 64.1

130 2.5 1.8 2.6

166 32.4 27.6 41.4

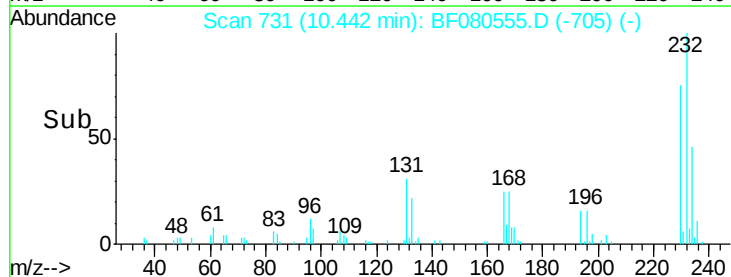
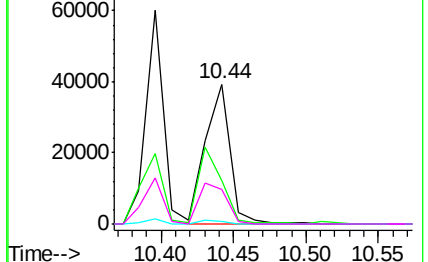


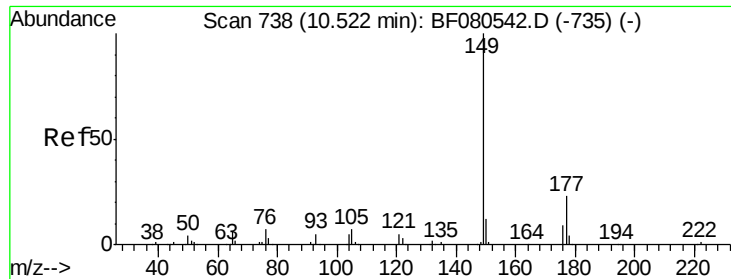
Abundance Ion 232.00 (231.70 to 232.70): E

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

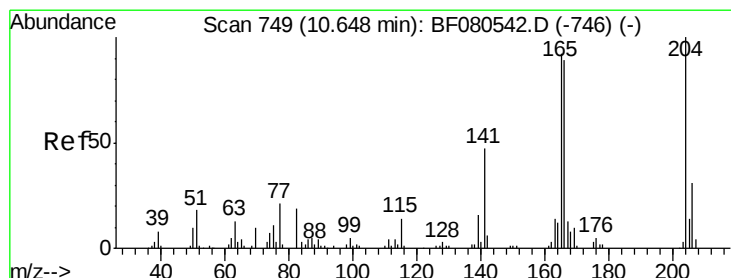
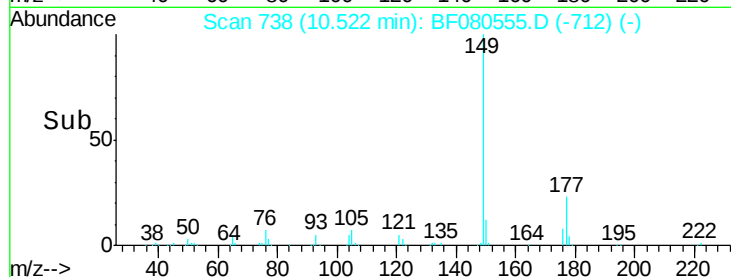
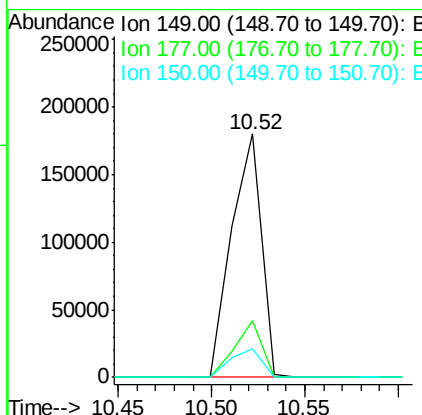
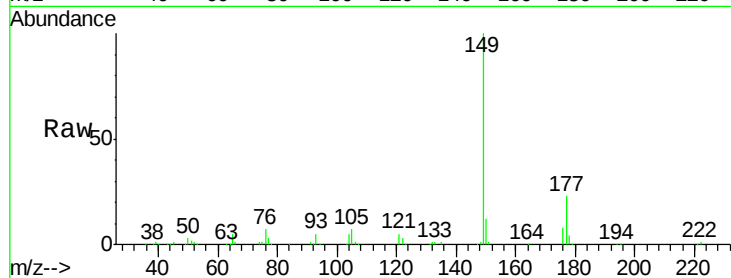




#59
Diethylphthalate
Concen: 40.06 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

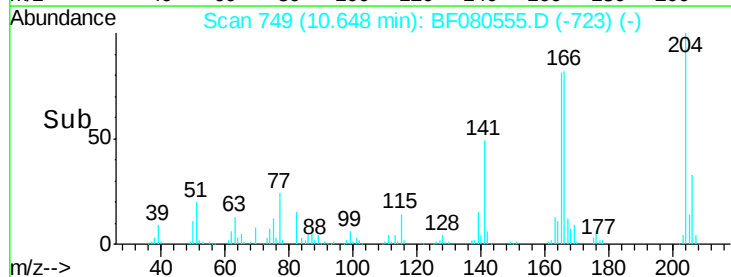
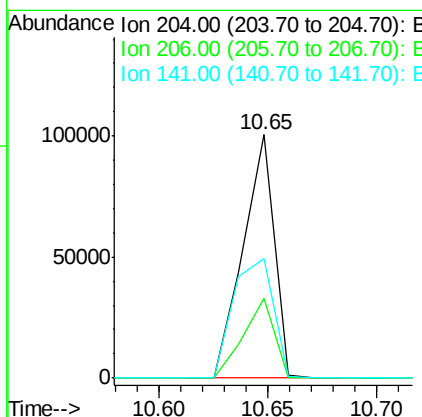
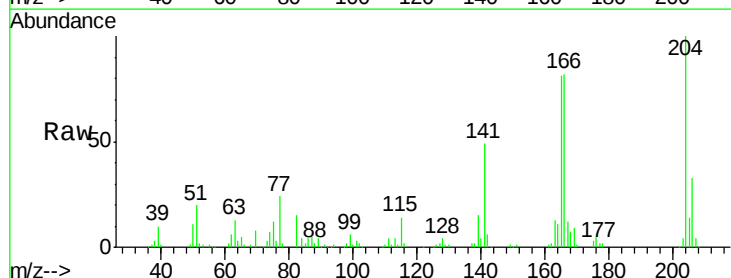
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

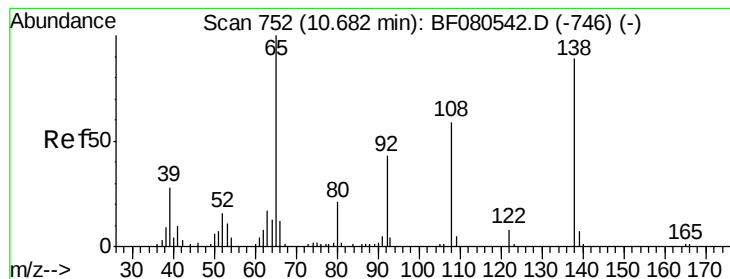
Tot Ion:149 Resp: 201740
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 11.5 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 40.61 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:204 Resp: 99439
Ion Ratio Lower Upper
204 100
206 32.8 24.9 37.3
141 49.2 37.9 56.9





#61

4-Nitroaniline

Concen: 42.75 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

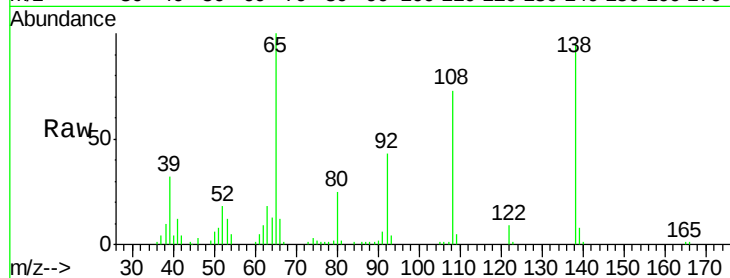
Tot Ion:138 Resp: 54722

Ion Ratio Lower Upper

138 100

92 45.6 28.9 68.9

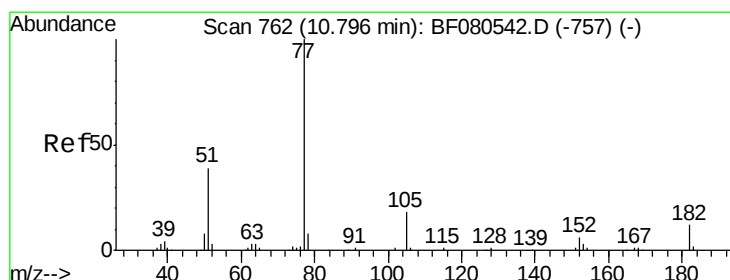
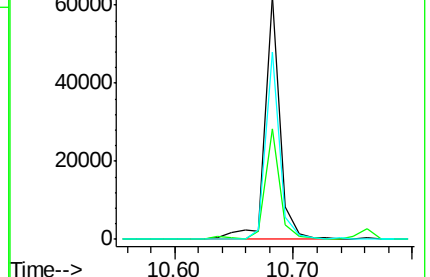
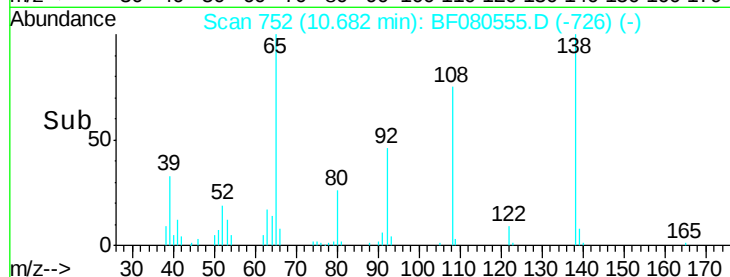
108 77.0 46.9 86.9



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: 41.45 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Tgt Ion: 77 Resp: 210058

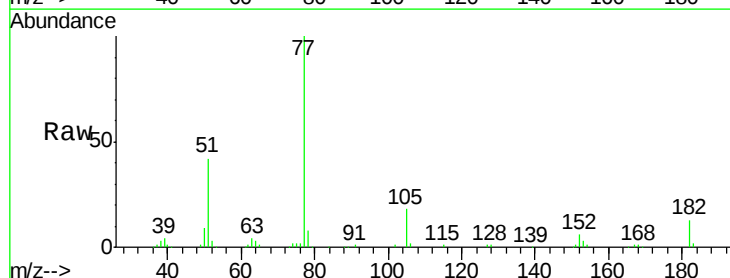
Ion Ratio Lower Upper

77 100

182 12.8 0.0 31.9

105 18.1 0.0 38.0

51 42.4 19.8 59.8

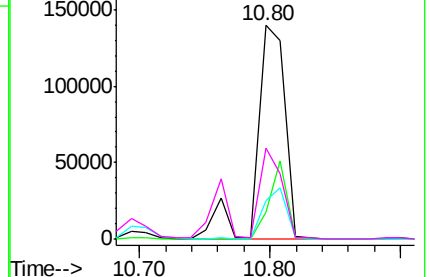
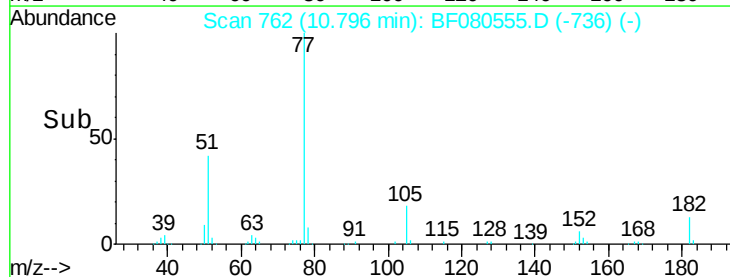


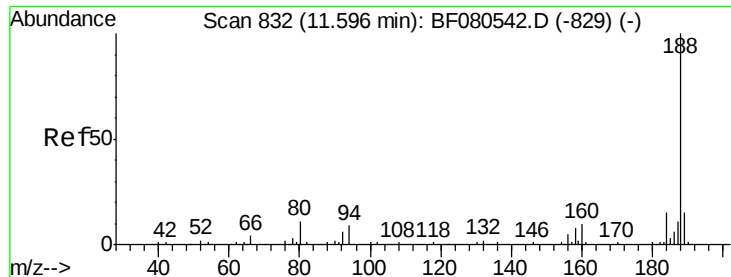
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

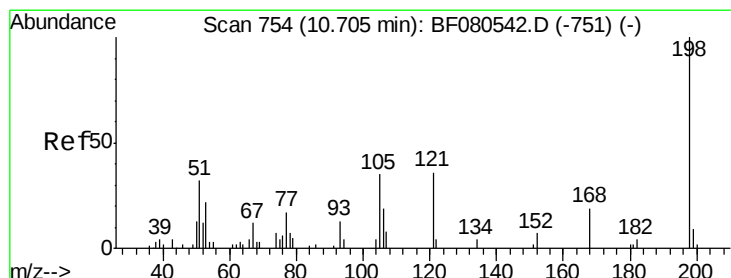
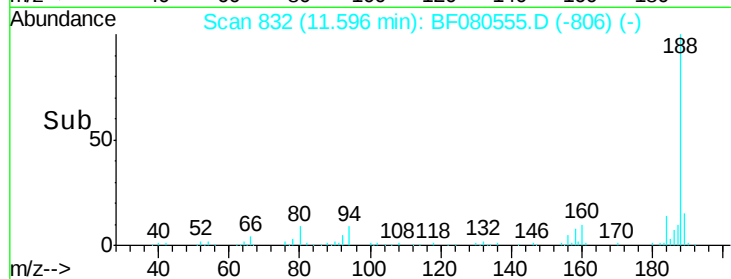
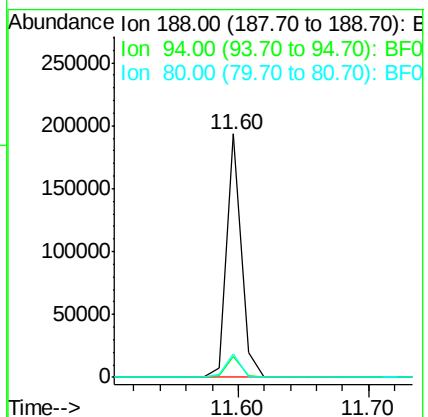
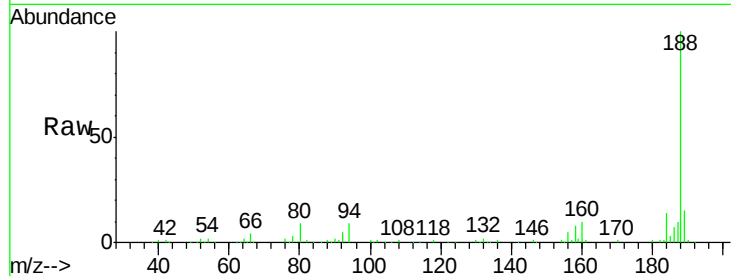




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

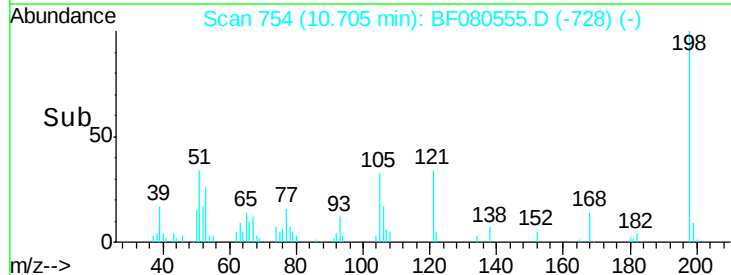
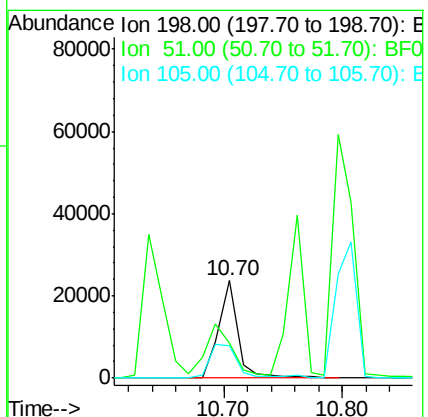
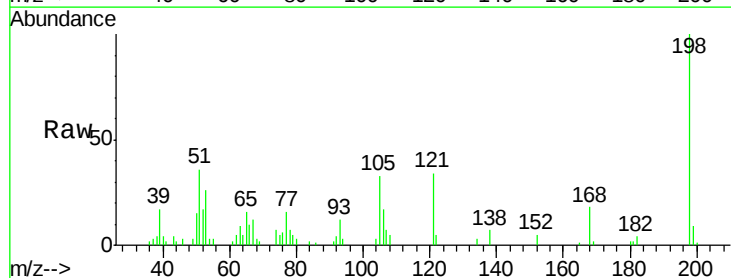
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

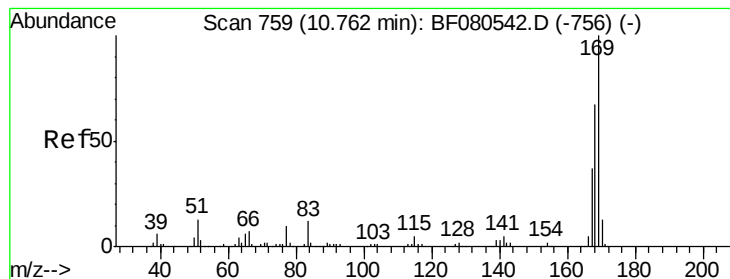
Tot Ion:188 Resp: 152549
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.4 8.6 12.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.74 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:198 Resp: 26625
Ion Ratio Lower Upper
198 100
51 35.8 16.0 56.0
105 32.8 15.1 55.1





#65

n-Nitrosodiphenylamine

Concen: 40.95 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

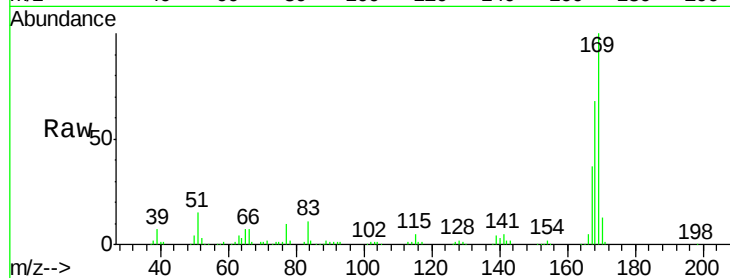
Tot Ion:169 Resp: 205767

Ion Ratio Lower Upper

169 100

168 67.6 53.3 79.9

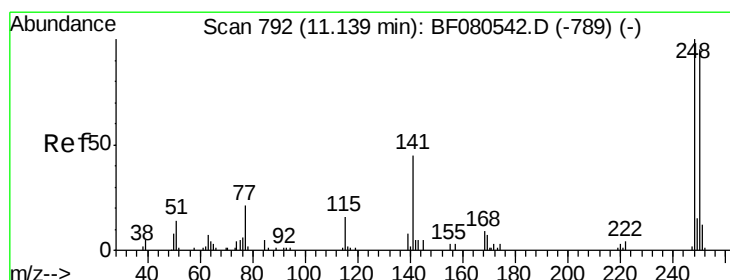
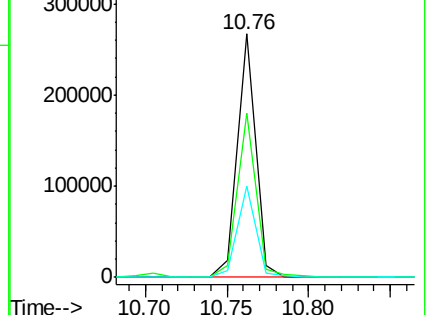
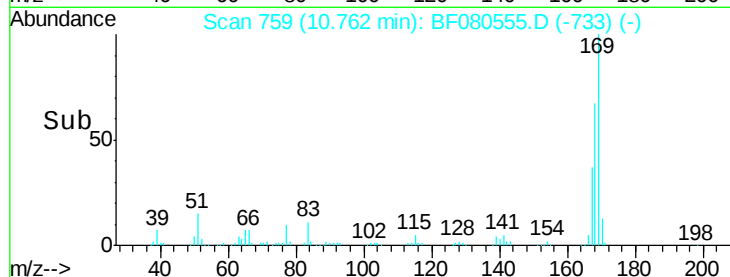
167 37.3 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.84 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

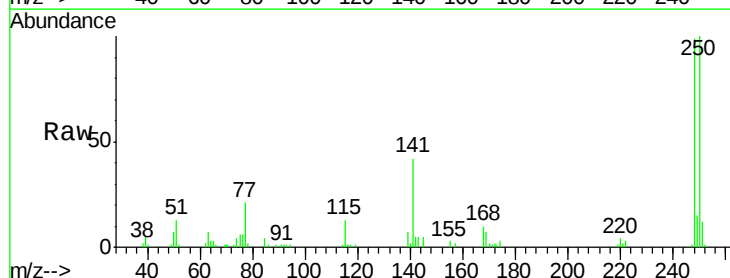
Tgt Ion:248 Resp: 54319

Ion Ratio Lower Upper

248 100

250 101.5 76.4 114.6

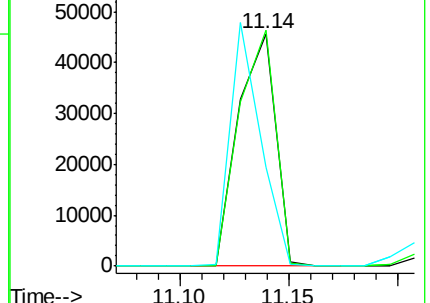
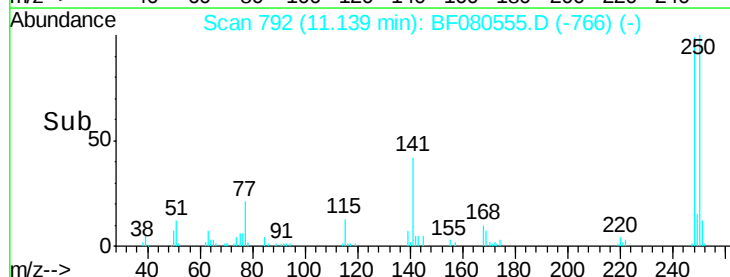
141 42.6 36.0 54.0

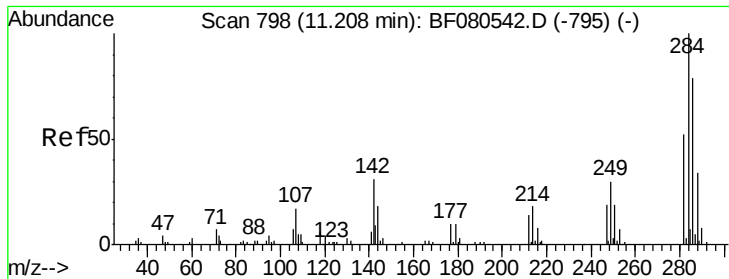


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

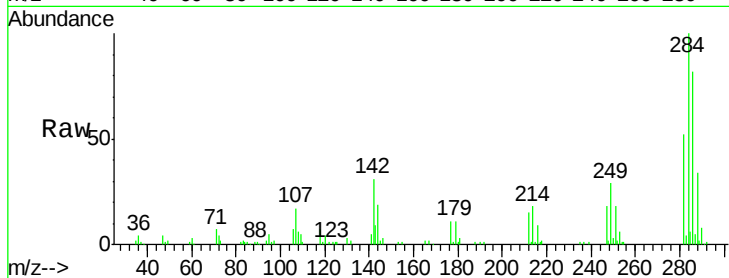




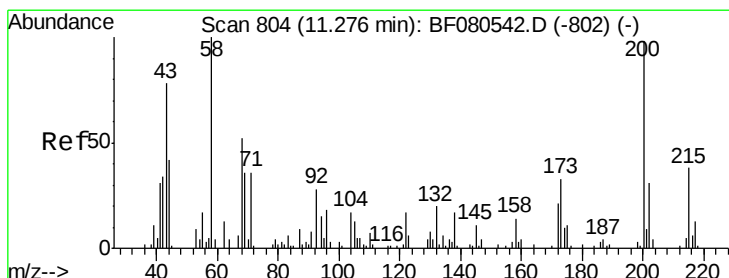
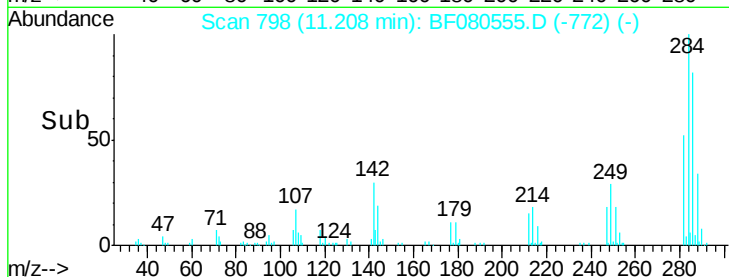
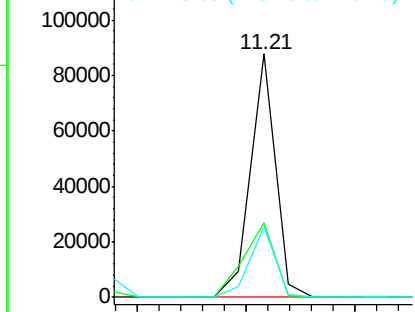
#67
Hexachlorobenzene
Concen: 41.38 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 70168
Ion Ratio Lower Upper
284 100
142 30.6 24.8 37.2
249 28.8 24.2 36.2

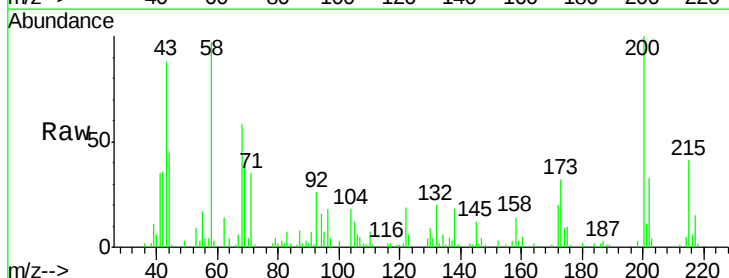


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

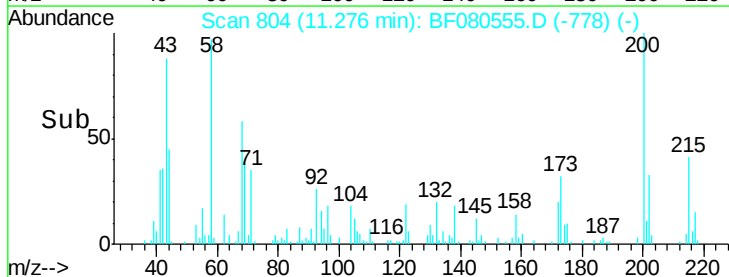
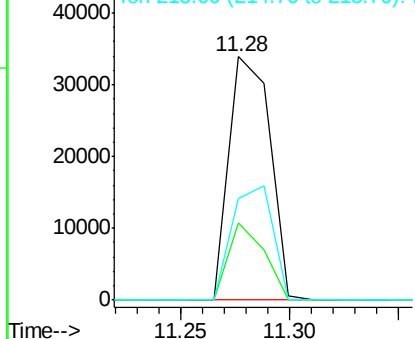


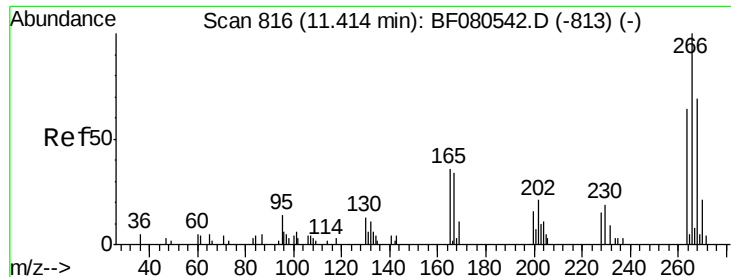
#68
Atrazine
Concen: 37.41 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:200 Resp: 44498
Ion Ratio Lower Upper
200 100
173 31.8 13.2 53.2
215 41.5 18.7 58.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

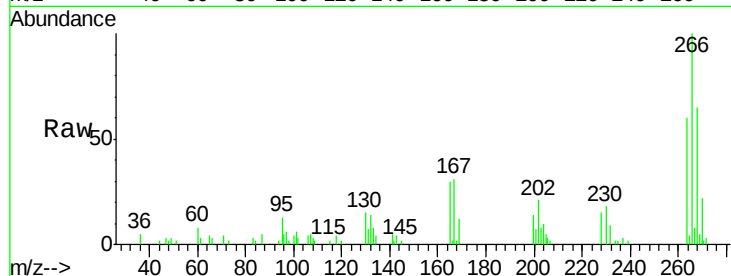




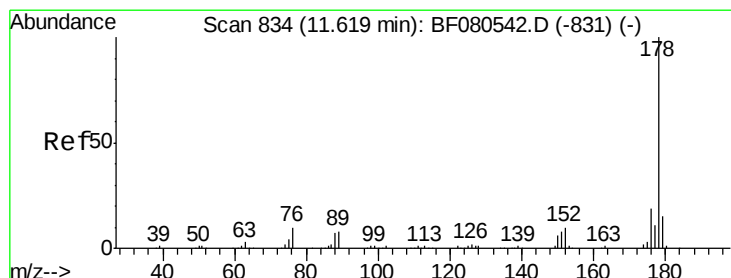
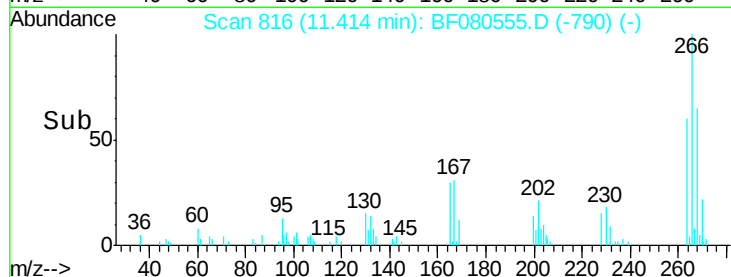
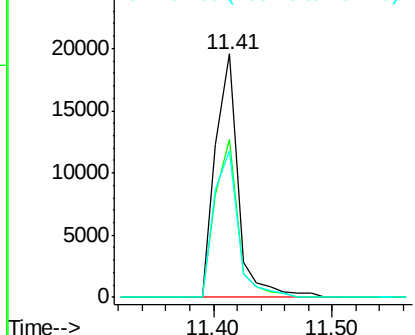
#69
 Pentachlorophenol
 Concen: 41.07 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 25881
 Ion Ratio Lower Upper
 266 100
 268 64.9 55.0 82.6
 264 60.1 51.4 77.0

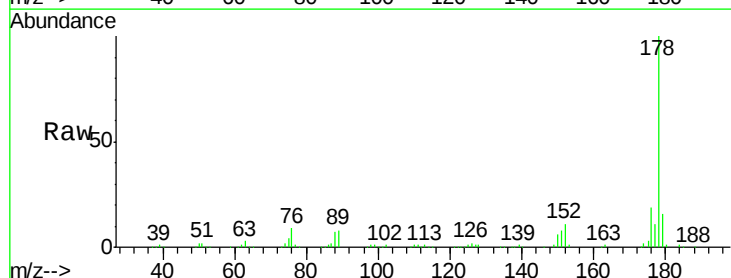


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

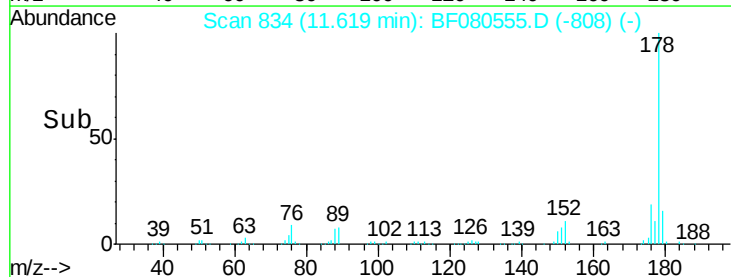
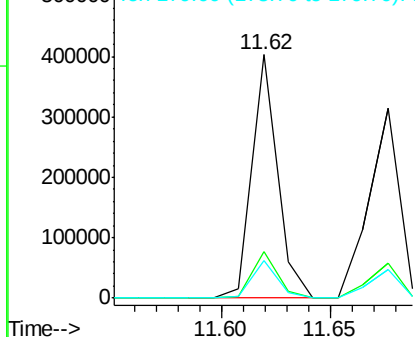


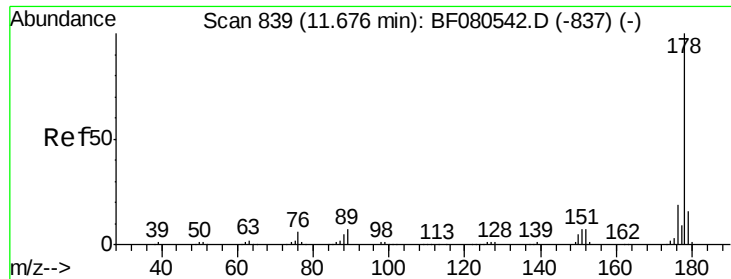
#70
 Phenanthrene
 Concen: 39.85 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion:178 Resp: 331191
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 15.6 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

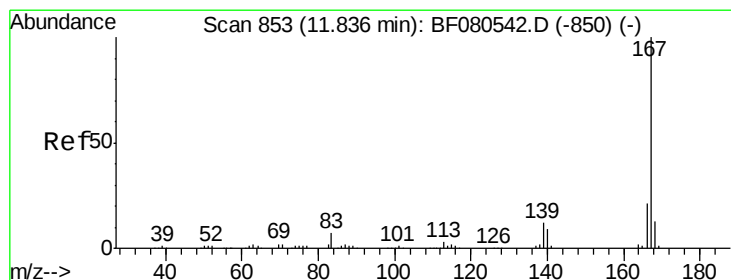
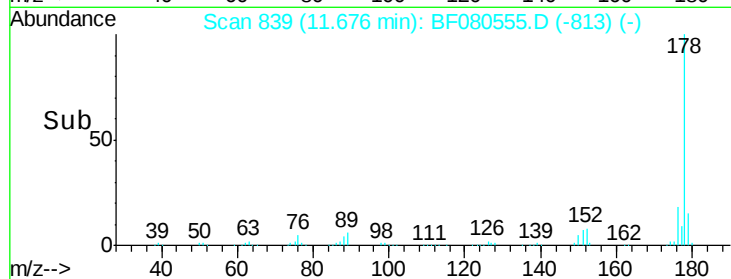
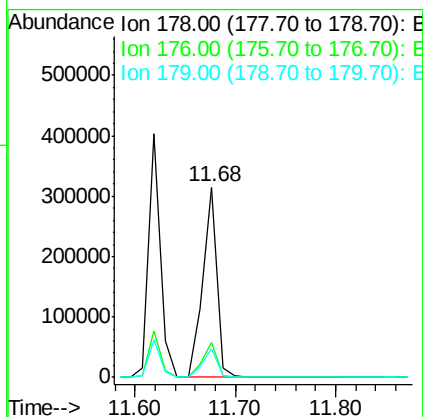
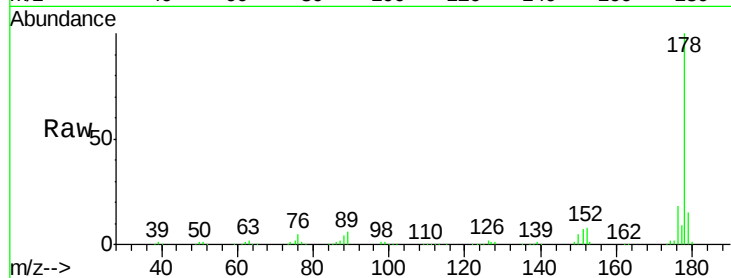




#71
 Anthracene
 Concen: 38.37 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

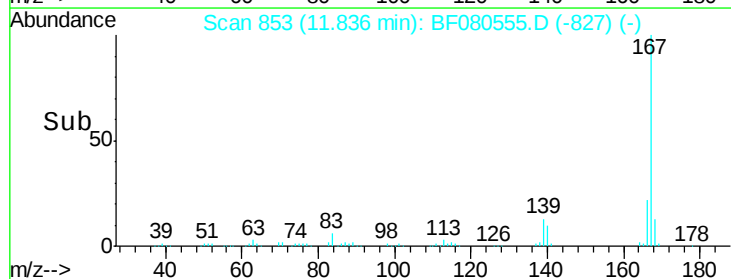
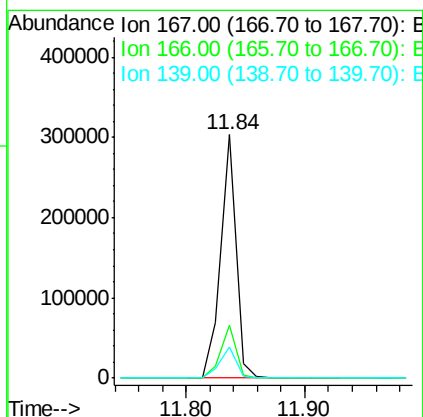
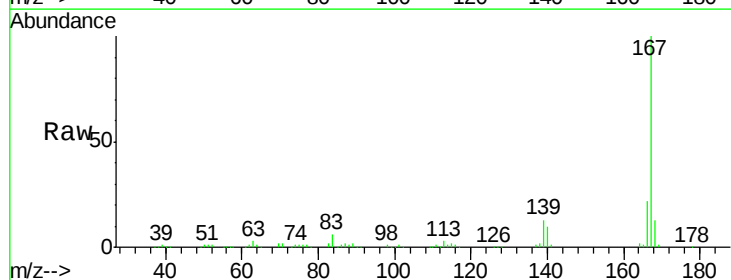
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

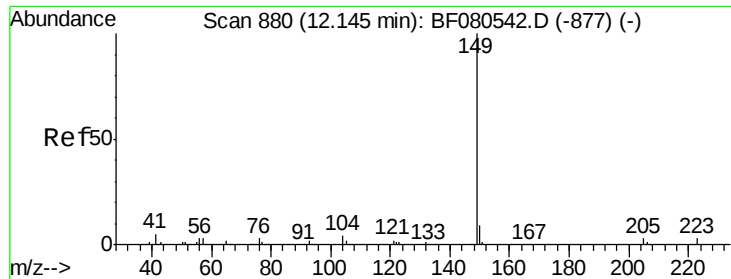
Tot Ion:178 Resp: 309747
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.0 12.4 18.6



#72
 Carbazole
 Concen: 37.53 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion:167 Resp: 271386
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.6 9.8 14.8





#73

Di-n-butylphthalate

Concen: 41.97 ng

RT: 12.15 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

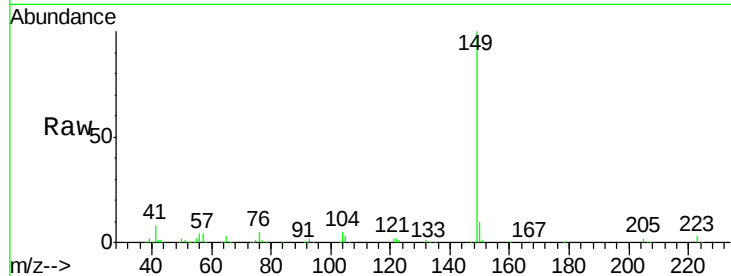
Tot Ion:149 Resp: 310196

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

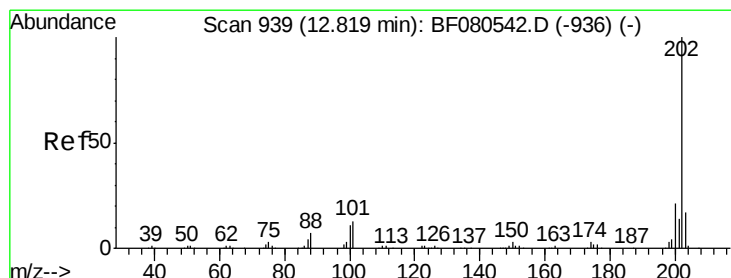
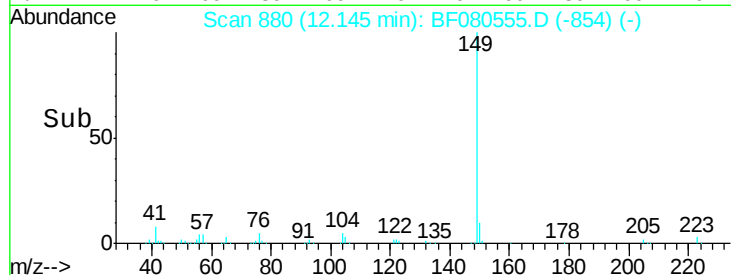
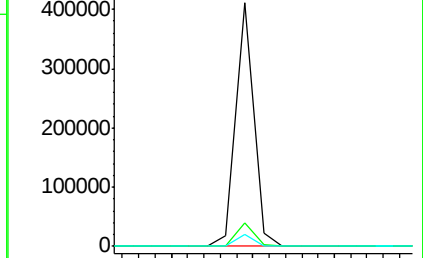
104 4.9 3.1 4.7#



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: 38.08 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.02 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

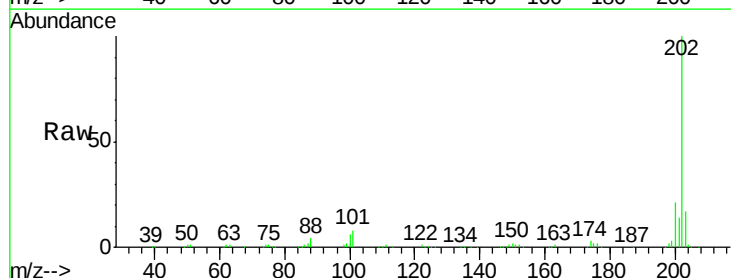
Tgt Ion:202 Resp: 295867

Ion Ratio Lower Upper

202 100

101 8.1 0.0 32.9

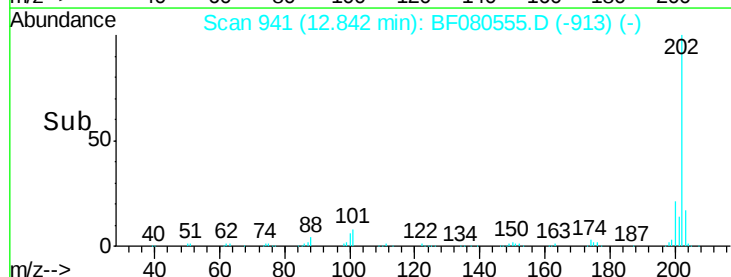
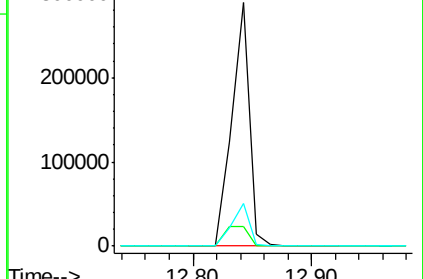
203 17.4 0.0 37.3

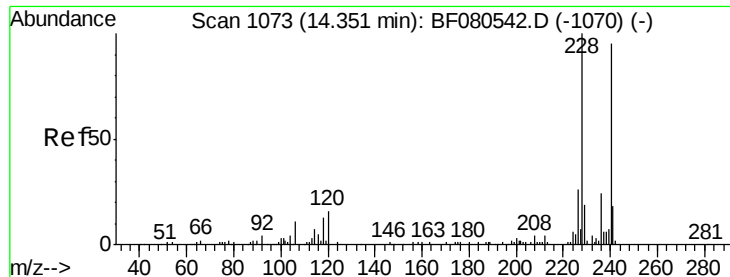


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.43 min Scan# 1080

Delta R.T. 0.08 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

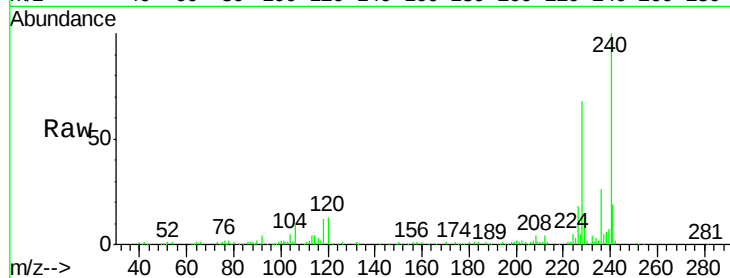
Tot Ion:240 Resp: 126991

Ion Ratio Lower Upper

240 100

120 12.6 13.6 20.4#

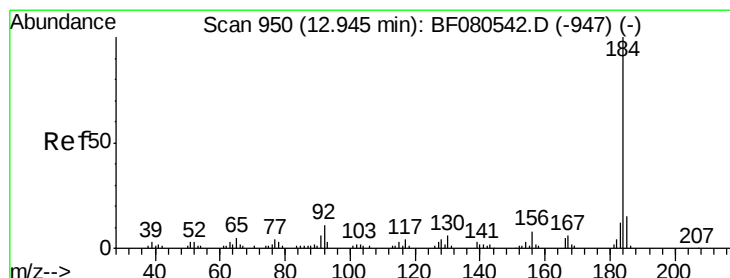
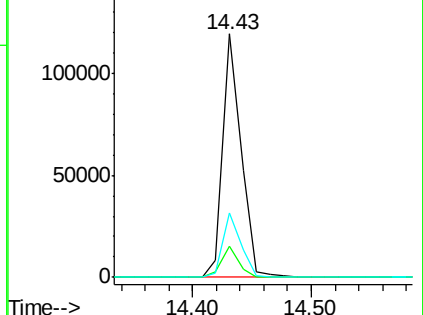
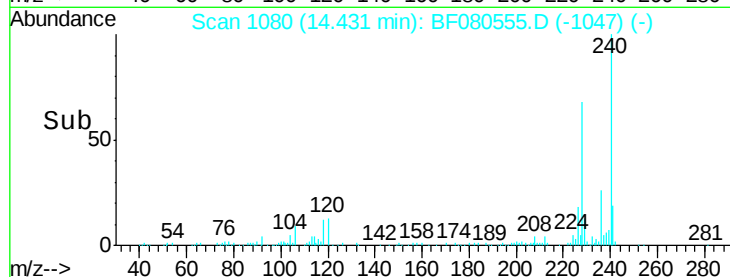
236 26.2 20.2 30.4



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: 39.64 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

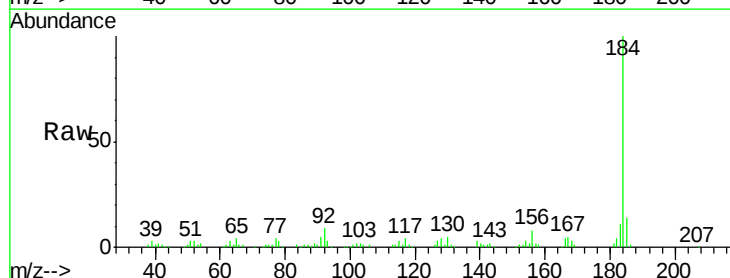
Tgt Ion:184 Resp: 134699

Ion Ratio Lower Upper

184 100

185 13.7 11.9 17.9

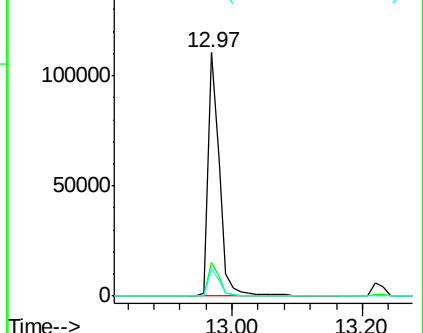
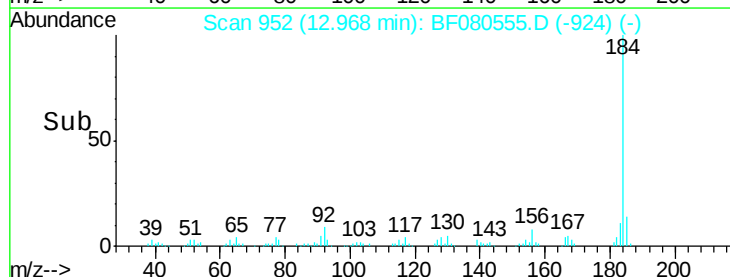
183 11.1 9.3 13.9

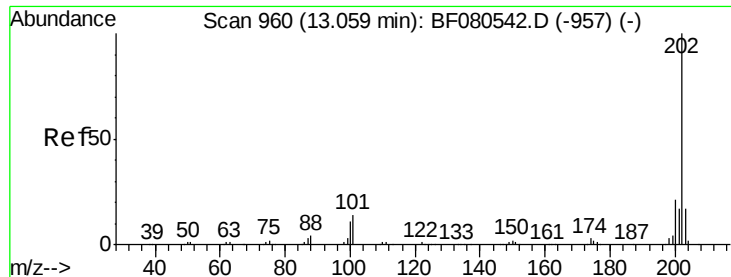


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

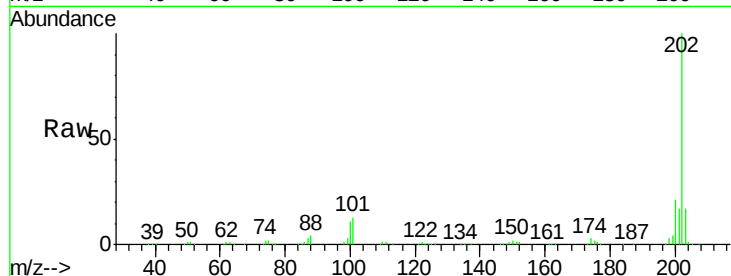




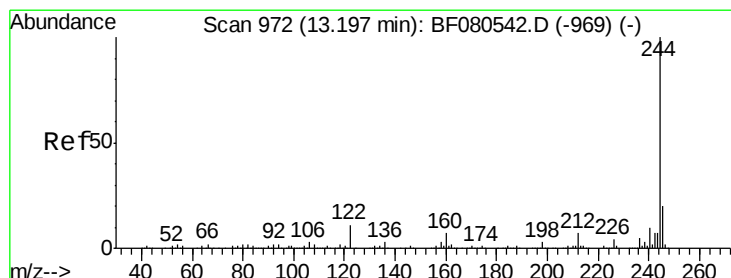
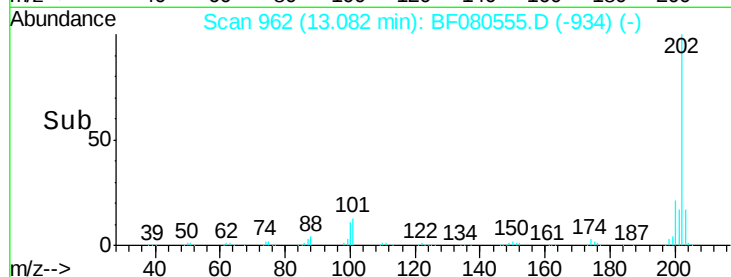
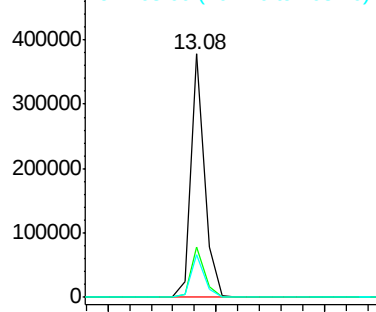
#77
Pvrene
Concen: 40.72 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 333689
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 14.0 21.0

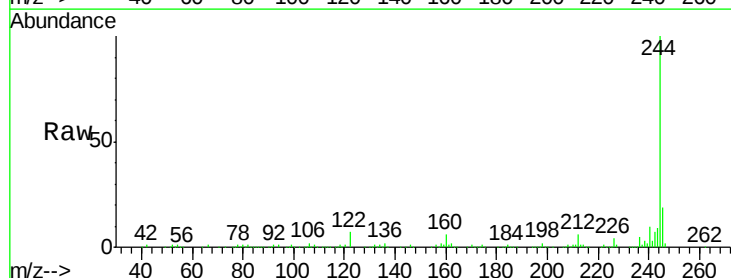


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

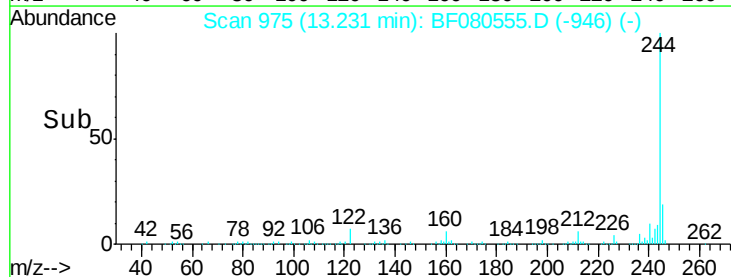
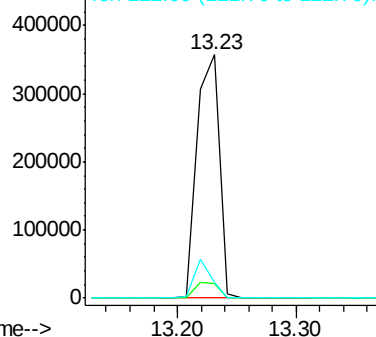


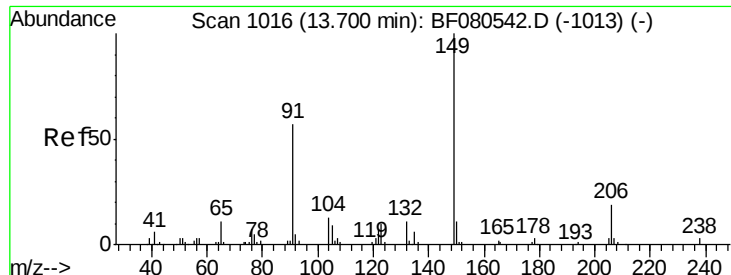
#78
Terphenyl-d14
Concen: 81.72 ng
RT: 13.23 min Scan# 975
Delta R.T. 0.03 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:244 Resp: 464703
Ion Ratio Lower Upper
244 100
212 5.9 5.5 8.3
122 6.6 9.0 13.4#



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

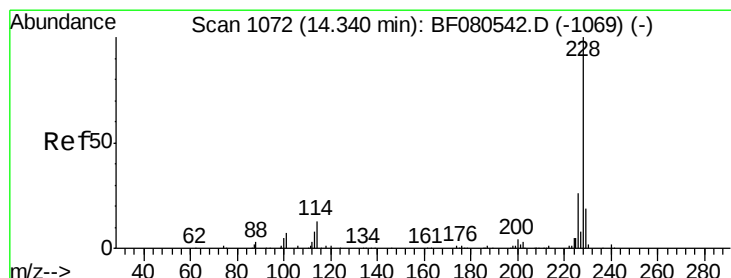
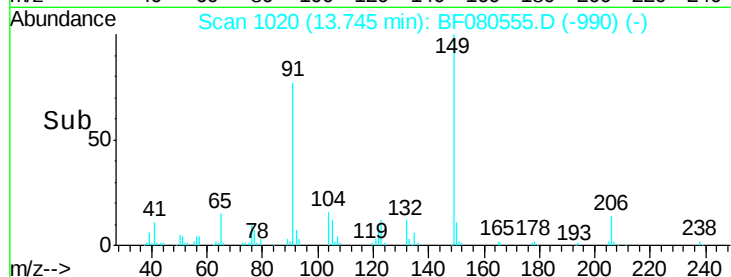
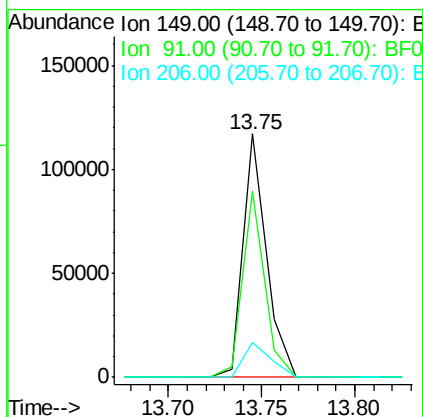
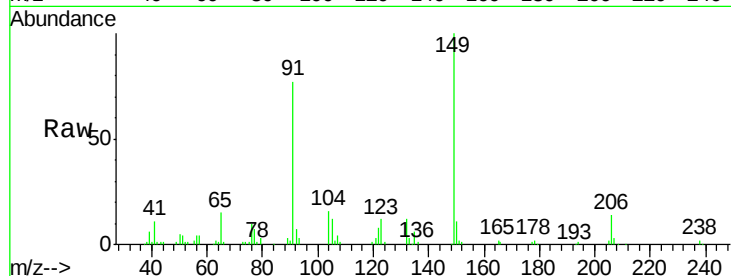




#79
Butylbenzylphthalate
Concen: 39.19 ng
RT: 13.75 min Scan# 1020
Delta R.T. 0.05 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

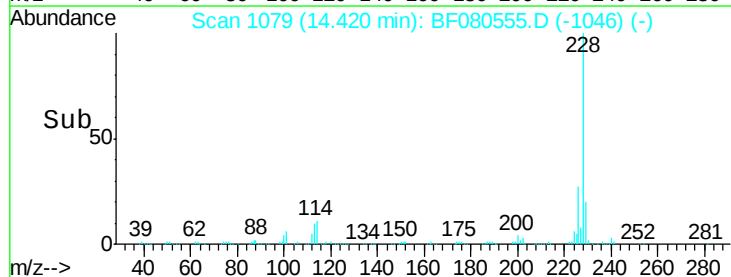
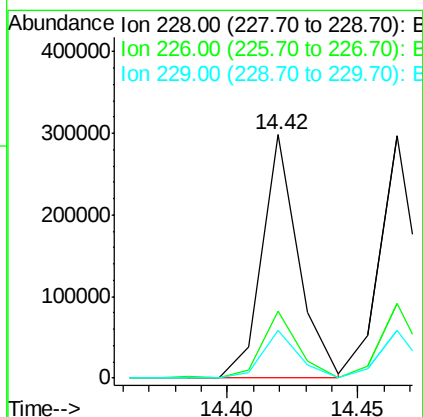
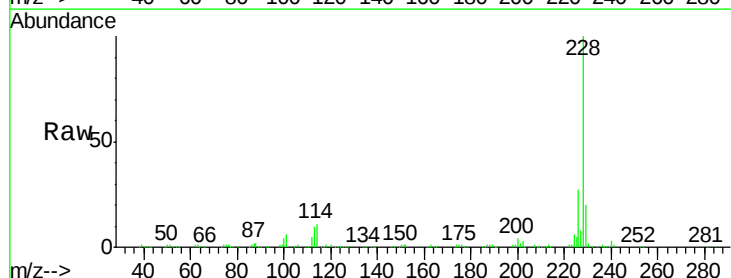
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

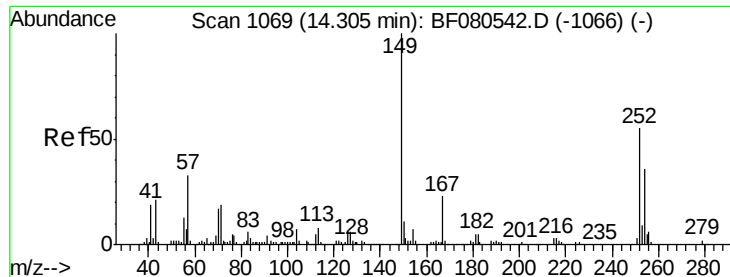
Tot Ion:149 Resp: 102623
Ion Ratio Lower Upper
149 100
91 76.5 45.6 68.4#
206 14.2 15.1 22.7#



#80
Benzo(a)anthracene
Concen: 41.09 ng
RT: 14.42 min Scan# 1079
Delta R.T. 0.08 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:228 Resp: 290440
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 19.9 15.5 23.3

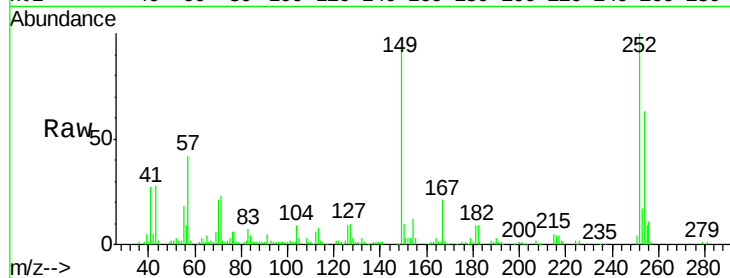




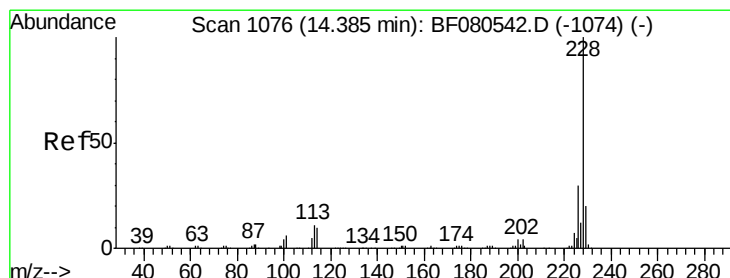
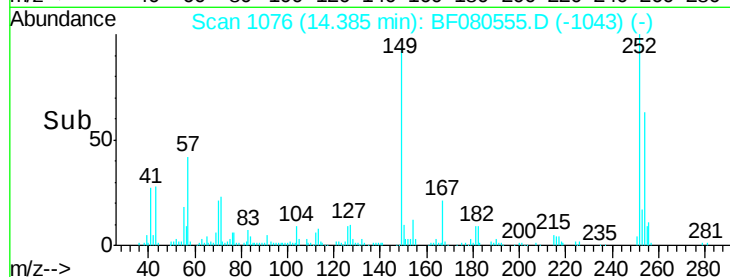
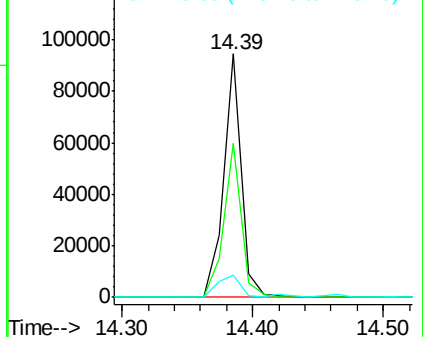
#81
 3,3'-Dichlorobenzidine
 Concen: 40.04 ng
 RT: 14.39 min Scan# 1076
 Delta R.T. 0.08 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 89384
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.6 77.4
 126 9.2 8.9 13.3

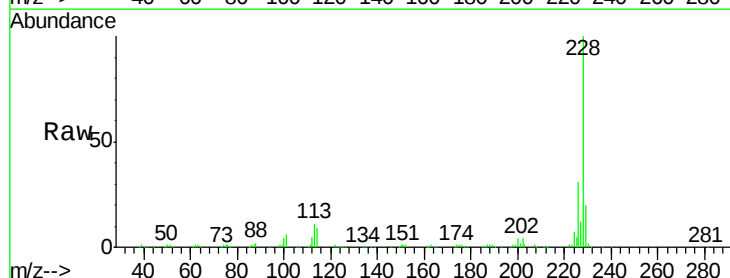


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

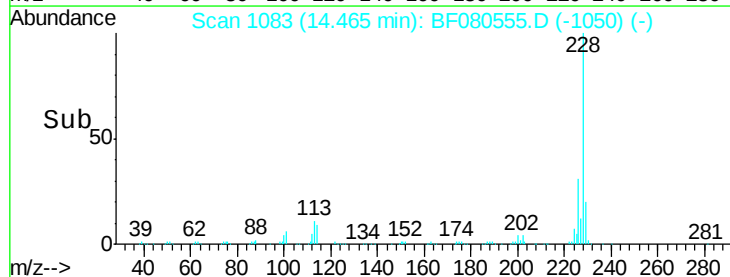
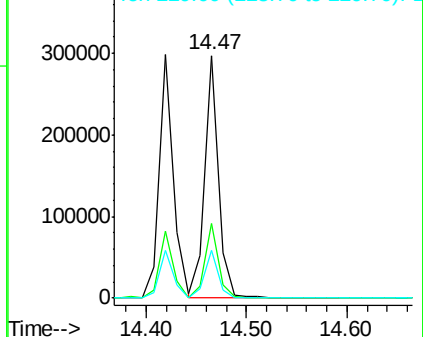


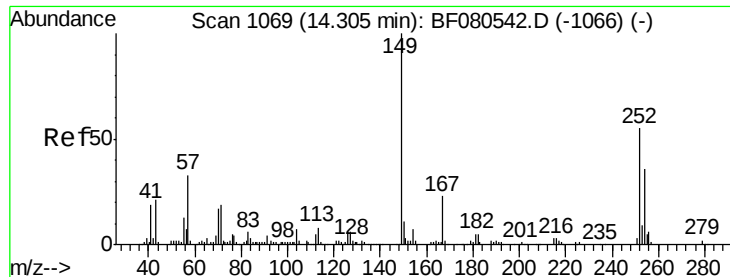
#82
 Chrysene
 Concen: 40.29 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.08 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion:228 Resp: 285343
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.1 36.1
 229 19.6 15.8 23.6



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: 39.09 ng

RT: 14.40 min Scan# 1077

Delta R.T. 0.09 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

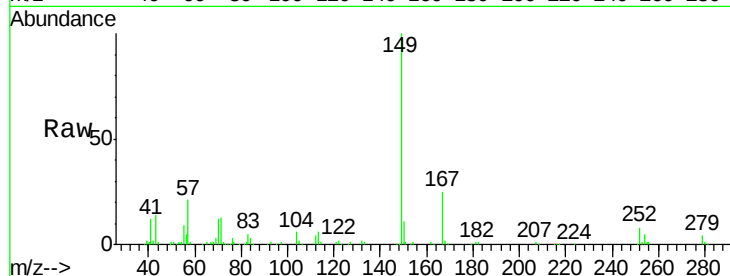
Tot Ion:149 Resp: 149944

Ion Ratio Lower Upper

149 100

167 24.7 18.6 27.8

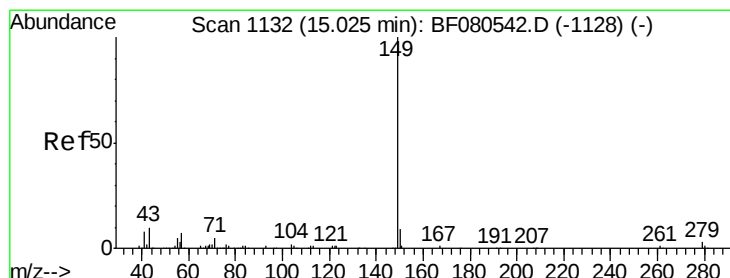
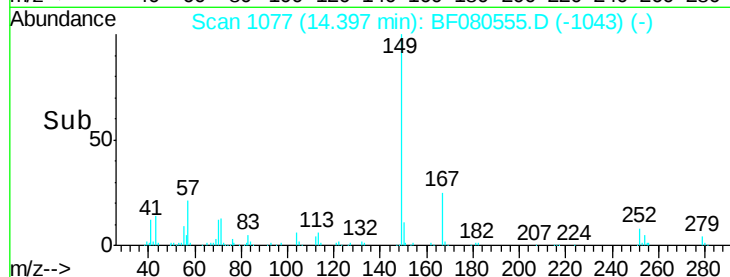
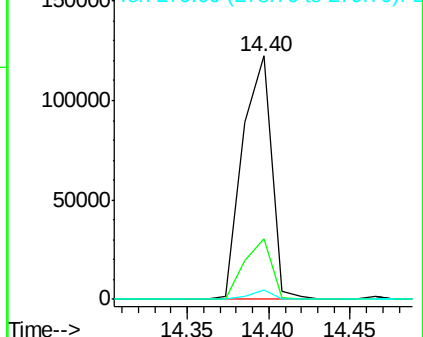
279 3.9 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.39 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.13 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

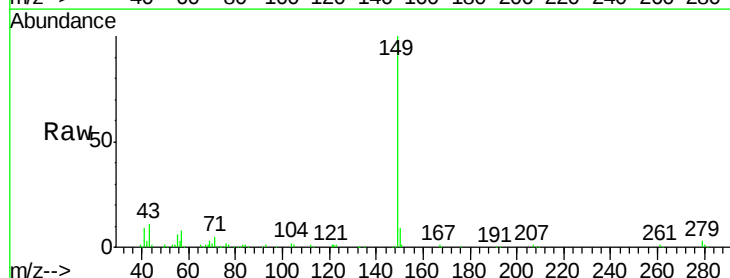
Tgt Ion:149 Resp: 208437

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

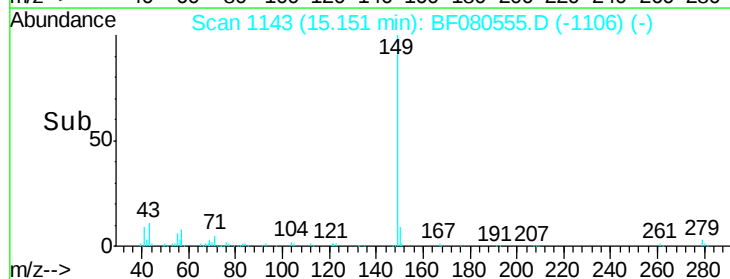
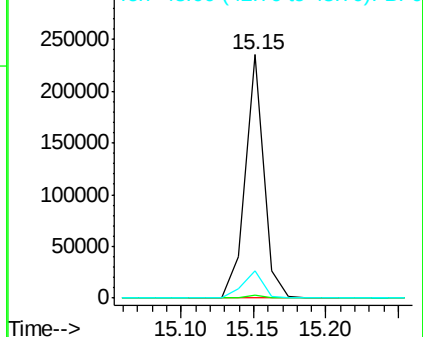
43 12.8 10.0 15.0

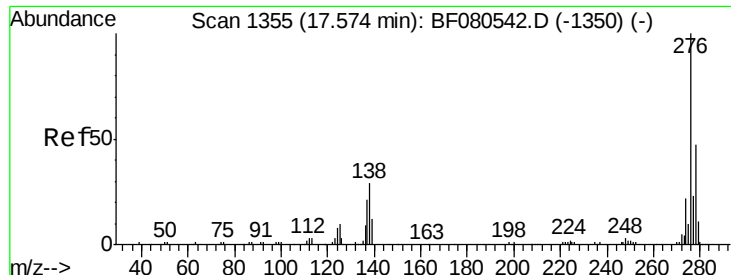


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

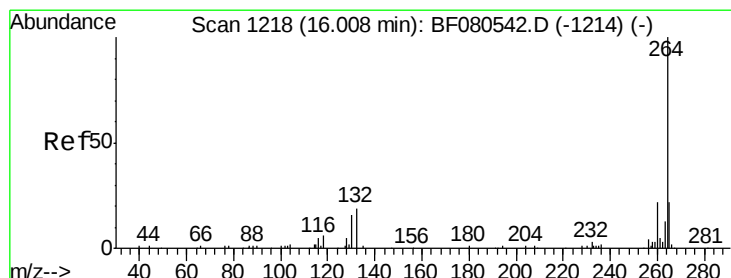
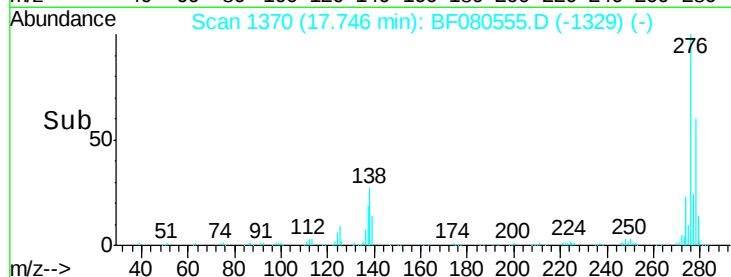
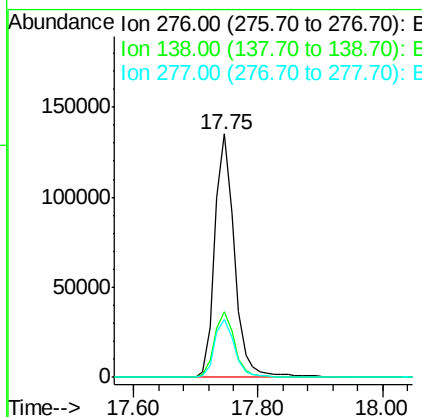
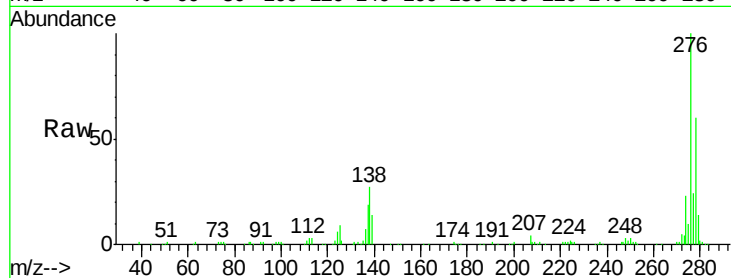




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.18 ng
 RT: 17.75 min Scan# 1370
 Delta R.T. 0.17 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

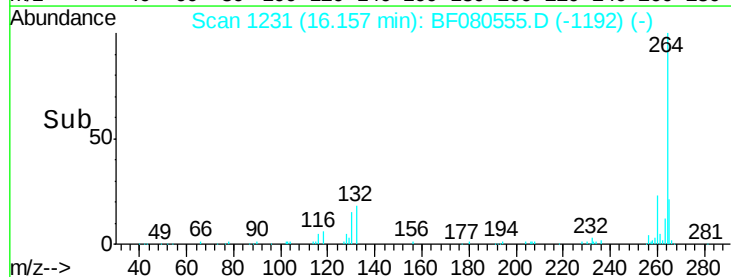
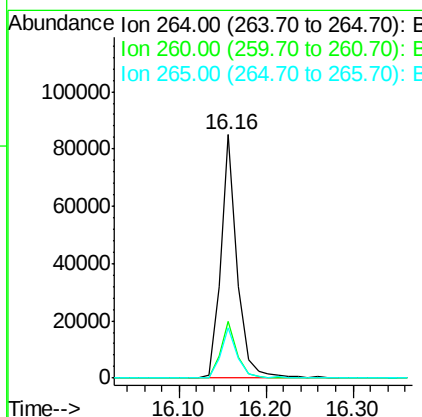
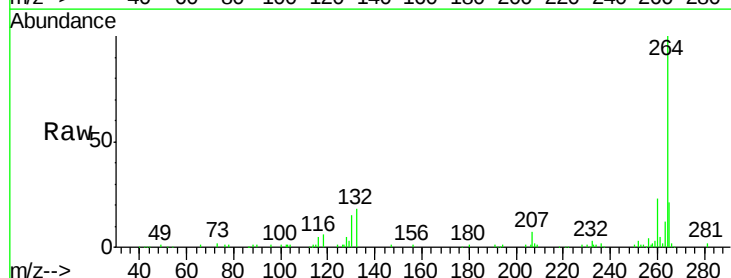
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

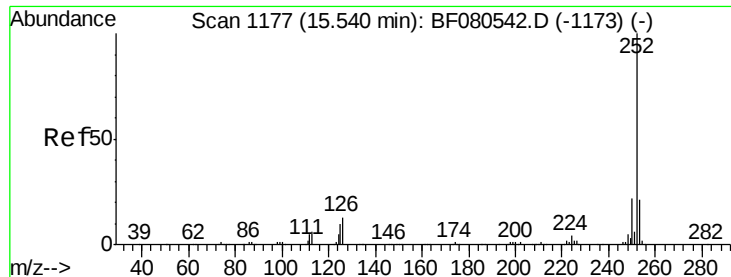
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.9	35.9
277	24.4	19.4	29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.16 min Scan# 1231
 Delta R.T. 0.15 min
 Lab File: BF080555.D
 Acq: 18 Jul 2015 2:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.8
265	20.6	17.2	25.8

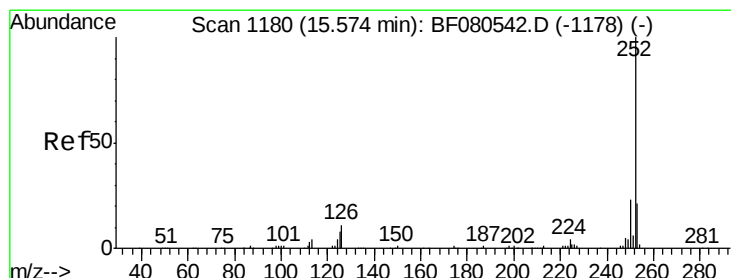
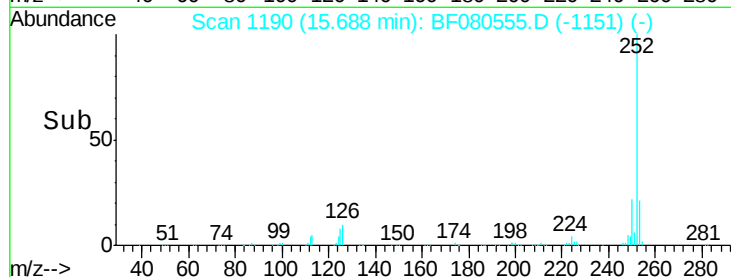
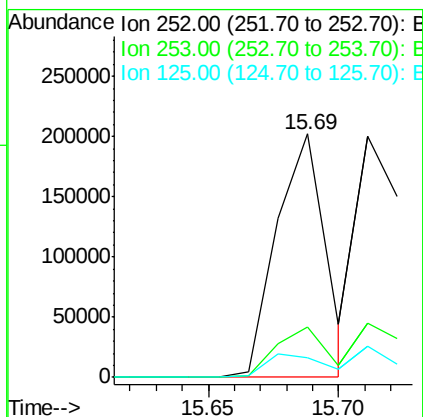
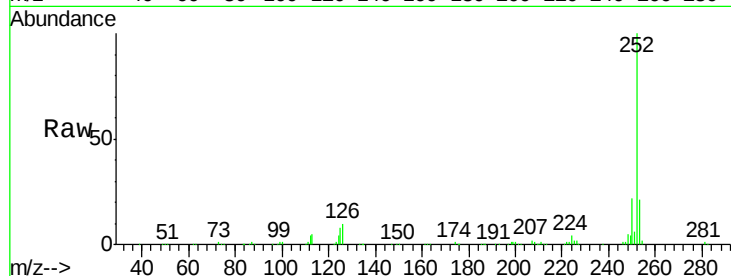




#87
Benzo(b)fluoranthene
Concen: 38.04 ng
RT: 15.69 min Scan# 1190
Delta R.T. 0.15 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

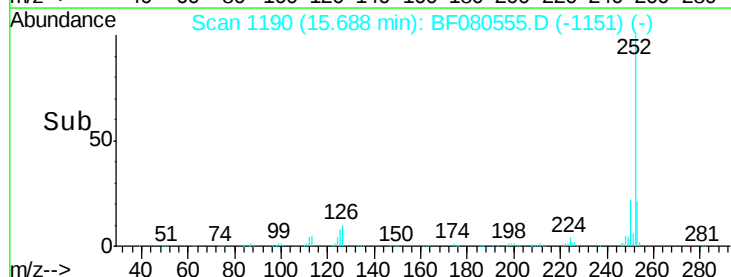
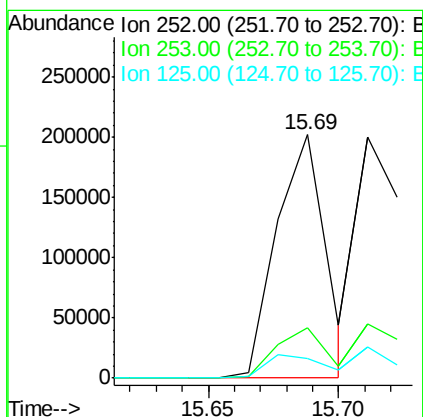
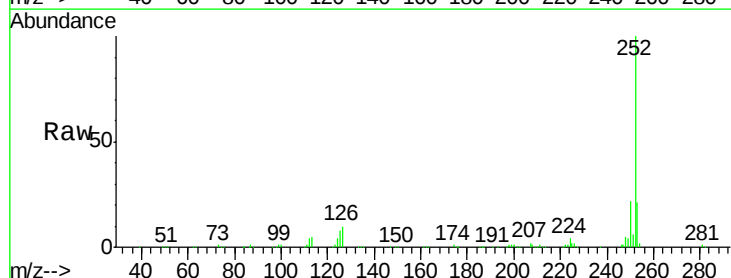
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

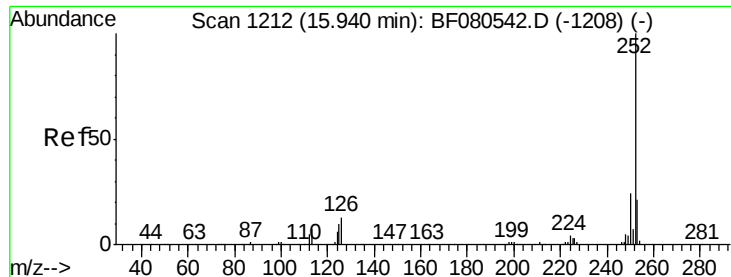
Tot Ion:252 Resp: 262554
Ion Ratio Lower Upper
252 100
253 20.6 17.1 25.7
125 8.0 8.1 12.1#



#88
Benzo(k)fluoranthene
Concen: 43.93 ng
RT: 15.69 min Scan# 1190
Delta R.T. 0.15 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion:252 Resp: 262554
Ion Ratio Lower Upper
252 100
253 20.6 17.1 25.7
125 8.0 8.1 12.1#

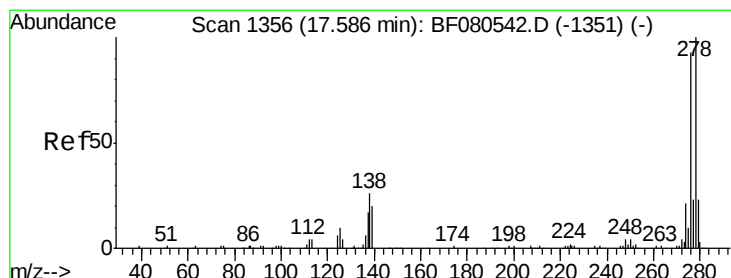
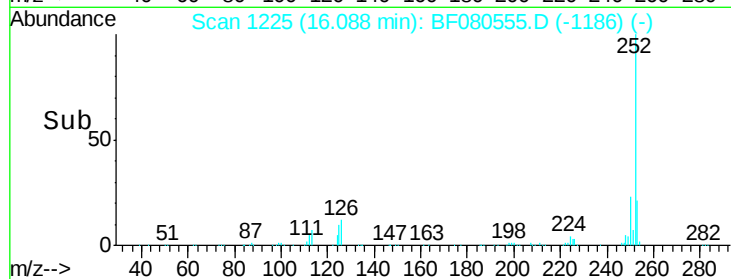
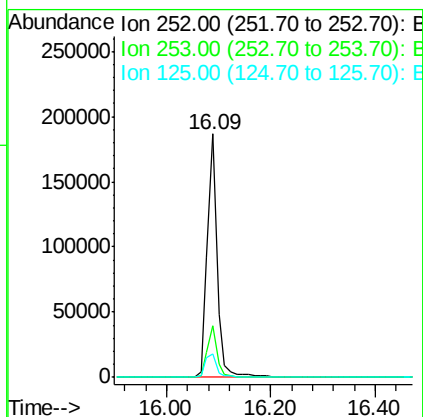
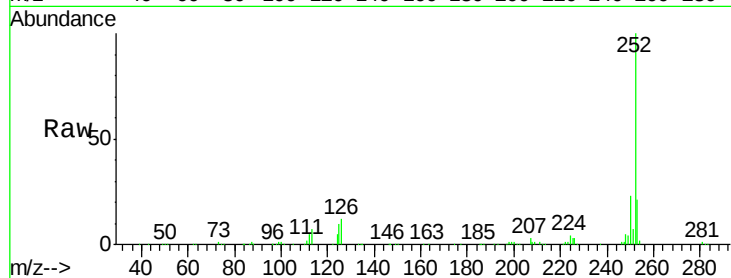




#89
Benzo(a)pyrene
Concen: 42.19 ng
RT: 16.09 min Scan# 1225
Delta R.T. 0.15 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

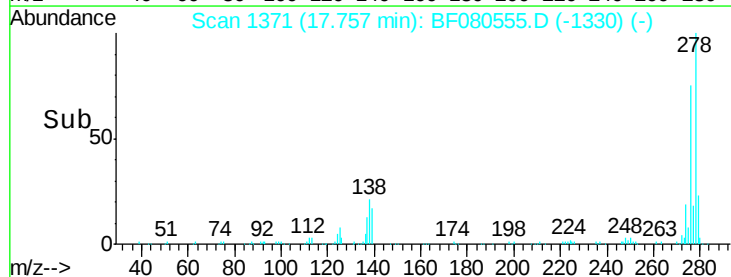
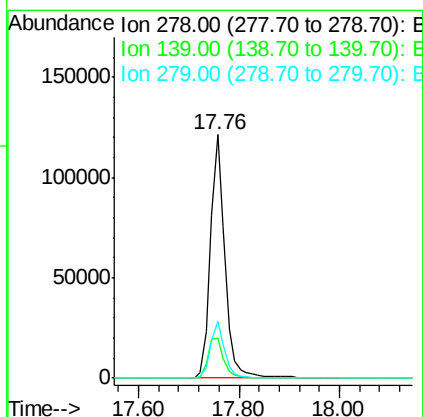
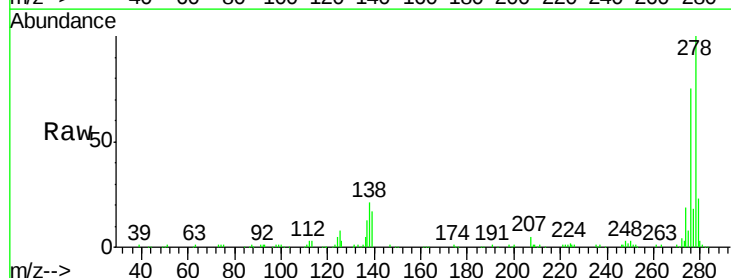
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

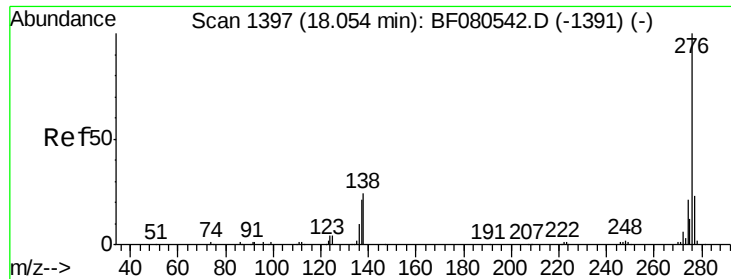
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.8	8.1	12.1



#90
Dibenzo(a,h)anthracene
Concen: 41.91 ng
RT: 17.76 min Scan# 1371
Delta R.T. 0.17 min
Lab File: BF080555.D
Acq: 18 Jul 2015 2:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.2	24.2
279	23.2	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 43.26 ng

RT: 18.23 min Scan# 1412

Delta R.T. 0.17 min

Lab File: BF080555.D

Acq: 18 Jul 2015 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

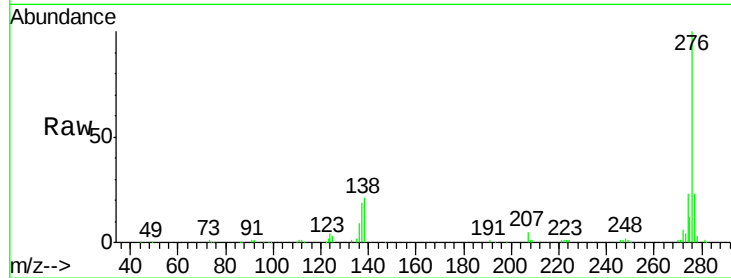
Tot Ion: 276 Resp: 252933

Ion Ratio Lower Upper

276 100

277 22.5 18.5 27.7

138 21.5 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

