

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080587.D
 Acq On : 23 Jul 2015 7:22
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 23 07:46:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	34967	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	137078	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	61415	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	105417	20.00	ng	0.00
75) Chrysene-d12	14.34	240	68011	20.00	ng	0.02
86) Perylene-d12	16.07	264	39613	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	161703	82.01	ng	0.00
7) Phenol-d6	6.57	99	208122	85.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	206322	96.95	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	40026	89.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	347445	81.35	ng	0.00
78) Terphenyl-d14	13.14	244	315639	95.17	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	35758	34.89	ng	# 100
3) Pyridine	3.28	79	99945	42.00	ng	94
4) n-Nitrosodimethylamine	3.18	42	64519	42.92	ng	# 93
6) Aniline	6.61	93	146899	40.37	ng	95
8) 2-Chlorophenol	6.73	128	88559	42.89	ng	# 71
9) Benzaldehyde	6.50	77	72432	39.64	ng	93
10) Phenol	6.58	94	129218	44.74	ng	99
11) bis(2-Chloroethyl)ether	6.68	93	89415	43.10	ng	94
12) 1,3-Dichlorobenzene	6.90	146	109998	41.18	ng	99
13) 1,4-Dichlorobenzene	6.98	146	104400	41.03	ng	100
14) 1,2-Dichlorobenzene	7.13	146	106610	43.44	ng	99
15) Benzyl Alcohol	7.09	79	86541	43.04	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	161875	37.26	ng	97
17) 2-Methylphenol	7.20	107	71561	40.63	ng	94
18) Hexachloroethane	7.48	117	38103	42.48	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	67048	42.99	ng	# 95
20) 3+4-Methylphenols	7.36	107	93560	42.12	ng	97
22) Acetophenone	7.37	105	130939	40.01	ng	98
24) Nitrobenzene	7.54	77	100848	39.55	ng	99
25) Isophorone	7.78	82	179457	39.92	ng	99
26) 2-Nitrophenol	7.86	139	37724	56.11	ng	95
27) 2,4-Dimethylphenol	7.89	122	79917	42.00	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	93605	38.82	ng	96
29) 2,4-Dichlorophenol	8.10	162	69580	45.75	ng	95
30) 1,2,4-Trichlorobenzene	8.19	180	85286	40.10	ng	98
31) Naphthalene	8.27	128	278178	40.87	ng	98
32) Benzoic acid	7.95	122	33860	54.44	ng	# 85
33) 4-Chloroaniline	8.32	127	107744	41.13	ng	97
34) Hexachlorobutadiene	8.40	225	49685	40.00	ng	99
35) Caprolactam	8.65	113	18595	43.35	ng	# 65
36) 4-Chloro-3-methylphenol	8.78	107	83711	44.51	ng	99
37) 2-Methylnaphthalene	8.96	142	157434	41.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	87061	41.35	ng	99
40) Hexachlorocyclopentadiene	9.12	237	45360	50.00	ng	96

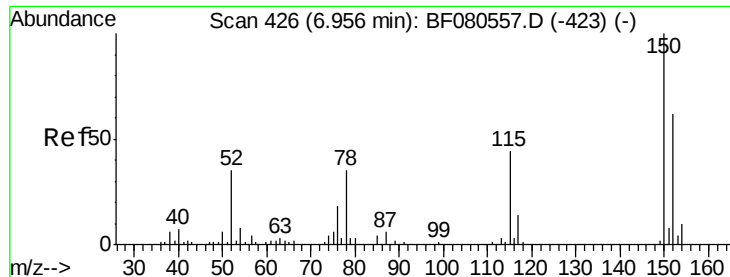
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080587.D
 Acq On : 23 Jul 2015 7:22
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 23 07:46:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	47474	45.53	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	50096	45.97	ng	98
45) 1,1'-Biphenyl	9.42	154	205286	39.88	ng	99
46) 2-Chloronaphthalene	9.45	162	167888	41.29	ng	96
47) 2-Nitroaniline	9.54	65	46686	48.67	ng	92
48) Acenaphthylene	9.87	152	243152	40.74	ng	99
49) Dimethylphthalate	9.72	163	188776	43.77	ng	99
50) 2,6-Dinitrotoluene	9.78	165	34881	48.24	ng	97
51) Acenaphthene	10.04	154	142364	40.61	ng	100
52) 3-Nitroaniline	9.95	138	33889	46.23	ng	97
53) 2,4-Dinitrophenol	10.05	184	7789	60.55	ng	# 73
54) Dibenzofuran	10.21	168	209137	40.61	ng	99
55) 4-Nitrophenol	10.09	139	26916	47.46	ng	100
56) 2,4-Dinitrotoluene	10.18	165	40889	49.63	ng	96
57) Fluorene	10.56	166	170171	41.35	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	37230	42.20	ng	97
59) Diethylphthalate	10.42	149	170661	42.88	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	74483	41.97	ng	99
61) 4-Nitroaniline	10.56	138	34480	43.28	ng	95
62) Azobenzene	10.70	77	184676	42.13	ng	100
64) 4,6-Dinitro-2-methylphenol	10.59	198	11759	56.14	ng	88
65) n-Nitrosodiphenylamine	10.66	169	145408	41.84	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	45277	44.63	ng	94
67) Hexachlorobenzene	11.10	284	49341	42.81	ng	100
68) Atrazine	11.18	200	44104	47.30	ng	98
69) Pentachlorophenol	11.29	266	22810	49.85	ng	99
70) Phenanthrene	11.52	178	240718	40.23	ng	98
71) Anthracene	11.57	178	220245	39.77	ng	99
72) Carbazole	11.72	167	200205	39.91	ng	99
73) Di-n-butylphthalate	12.06	149	260995	44.61	ng	# 98
74) Fluoranthene	12.74	202	216485	39.99	ng	97
76) Benzidine	12.87	184	98523	48.72	ng	97
77) Pyrene	12.98	202	214894	46.41	ng	97
79) Butylbenzylphthalate	13.68	149	74435	49.71	ng	# 78
80) Benzo(a)anthracene	14.33	228	160610	41.56	ng	99
81) 3,3'-Dichlorobenzidine	14.29	252	47016	40.27	ng	95
82) Chrysene	14.37	228	153942	39.86	ng	96
83) Bis(2-ethylhexyl)phthalate	14.35	149	107283	43.25	ng	97
84) Di-n-octyl phthalate	15.13	149	135873	43.78	ng	96
85) Indeno(1,2,3-cd)pyrene	17.60	276	157880	57.53	ng	98
87) Benzo(b)fluoranthene	15.61	252	96795	38.86	ng	98
88) Benzo(k)fluoranthene	15.61	252	96795	39.25	ng	# 97
89) Benzo(a)pyrene	16.00	252	89716	41.57	ng	# 93
90) Dibenzo(a,h)anthracene	17.62	278	123355	66.96	ng	99
91) Benzo(g,h,i)perylene	18.05	276	168734	90.07	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

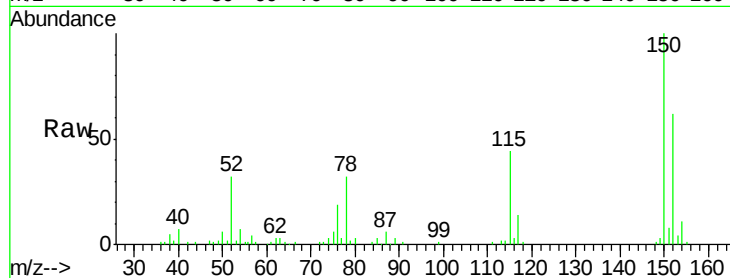
Tgt Ion:152 Resp: 34967

Ion Ratio Lower Upper

152 100

150 162.0 128.7 193.1

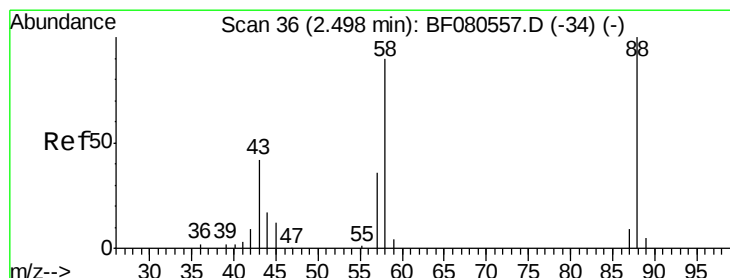
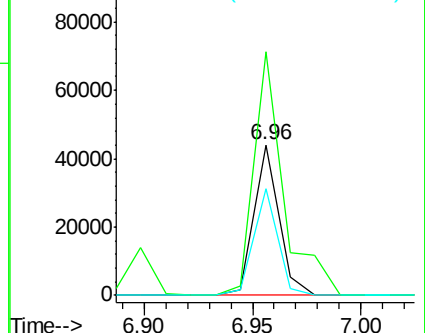
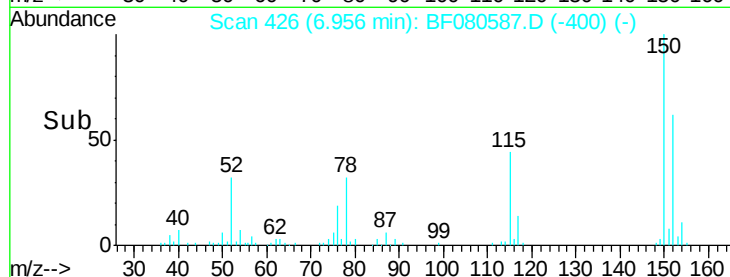
115 70.9 56.8 85.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.89 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

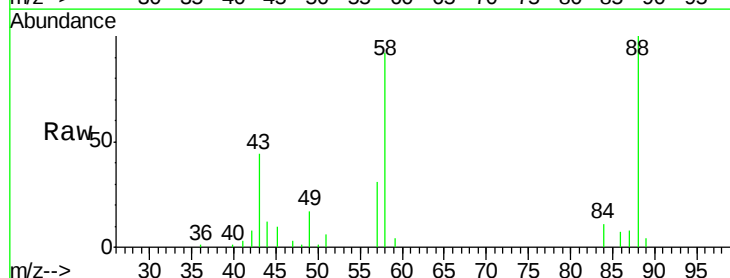
Tgt Ion: 88 Resp: 35758

Ion Ratio Lower Upper

88 100

58 92.2 0.0 0.0#

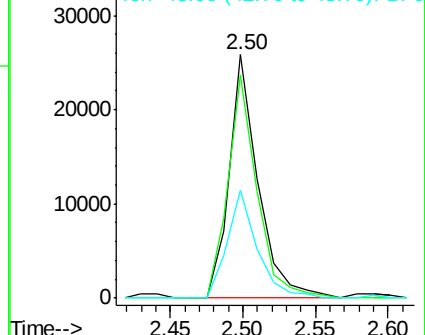
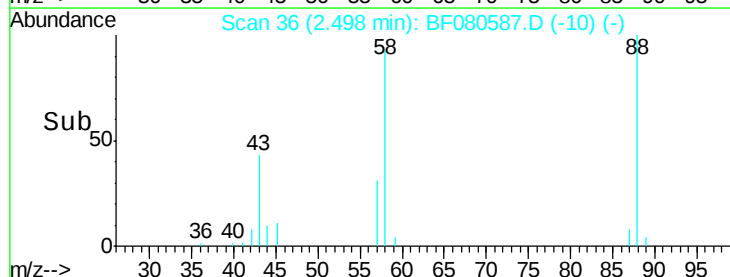
43 45.5 0.0 0.0#

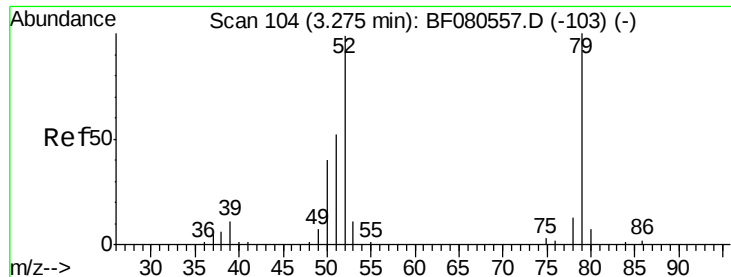


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.00 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

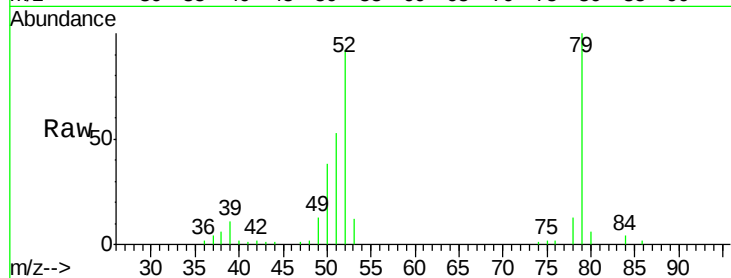
Tgt Ion: 79 Resp: 99945

Ion Ratio Lower Upper

79 100

52 91.7 79.6 119.4

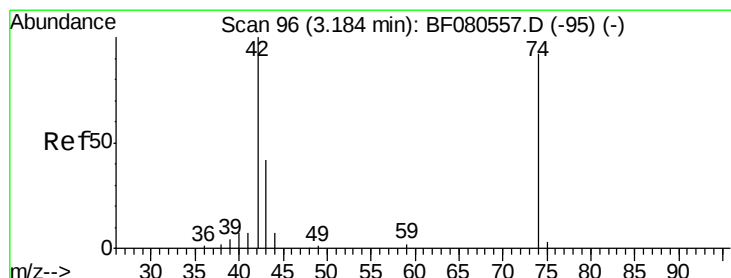
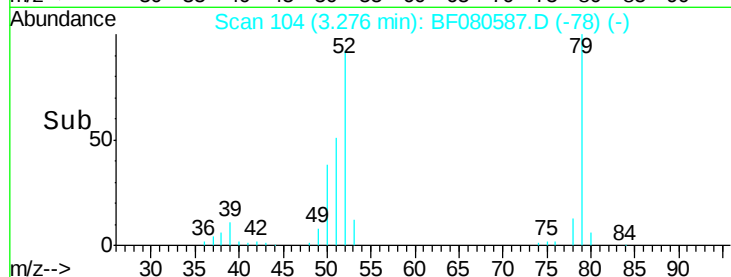
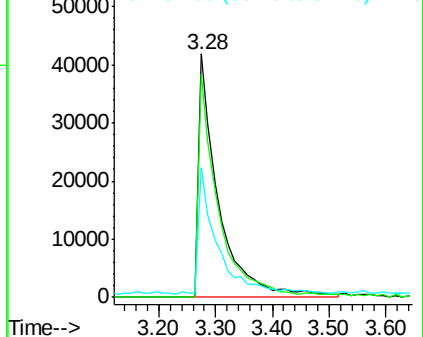
51 53.0 44.5 66.7



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: 42.92 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

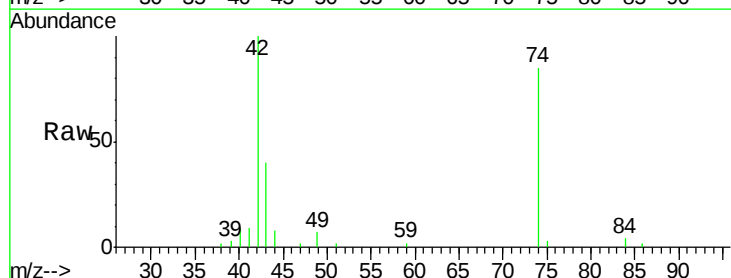
Tgt Ion: 42 Resp: 64519

Ion Ratio Lower Upper

42 100

74 84.6 72.6 108.8

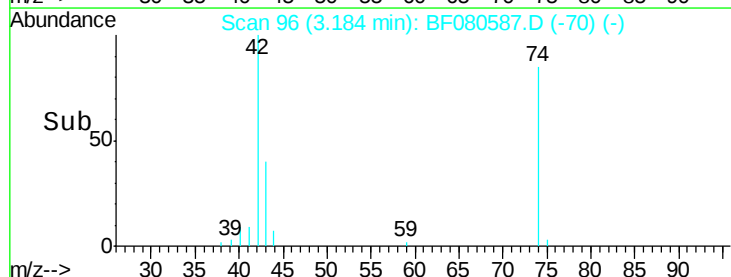
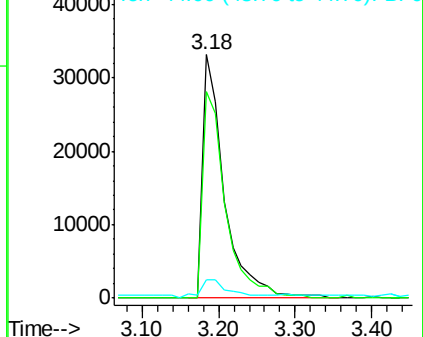
44 7.7 10.4 15.6#

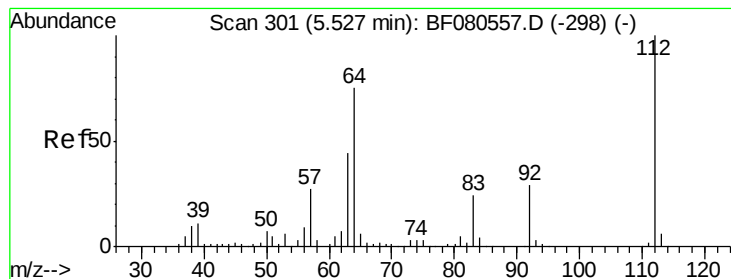


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.01 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

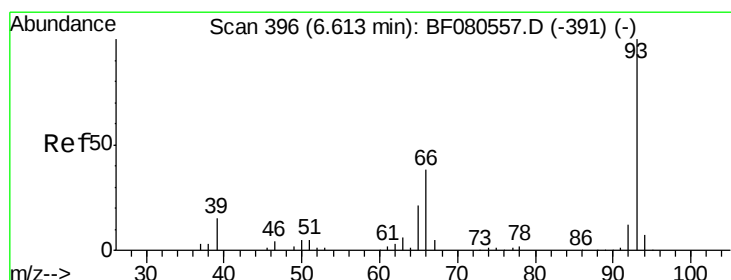
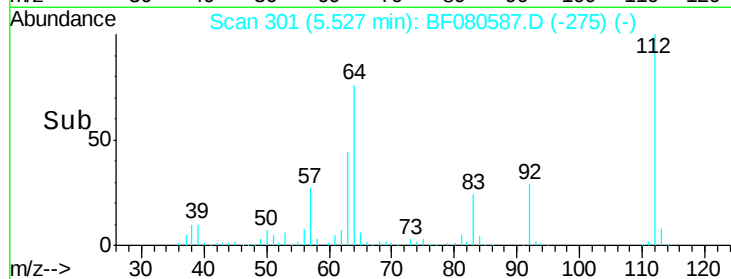
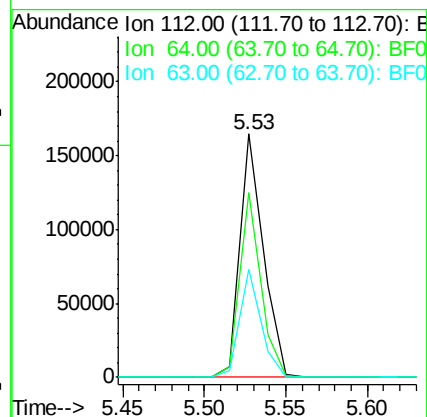
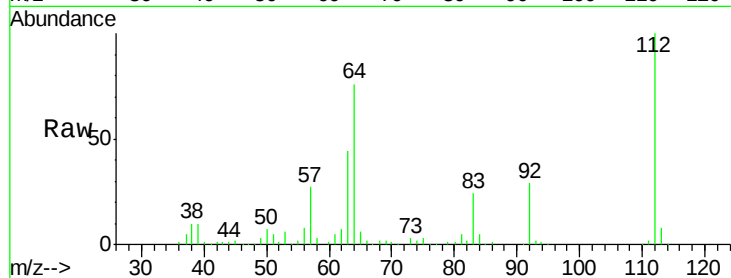
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	161703
Ion	Ratio	Lower	Upper
112	100		
64	76.1	60.2	90.2
63	44.5	34.8	52.2



#6

Aniline

Concen: 40.37 ng

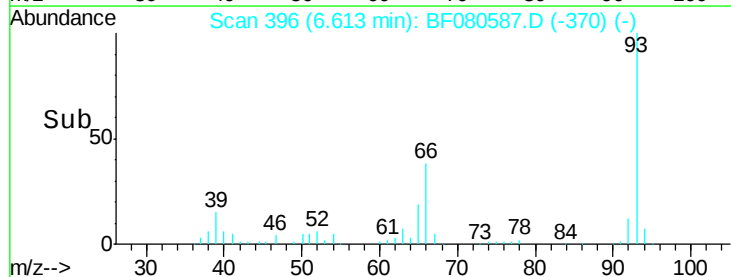
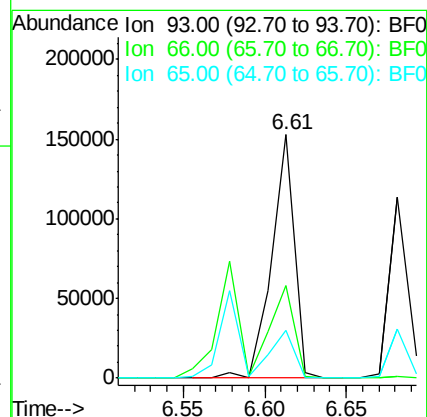
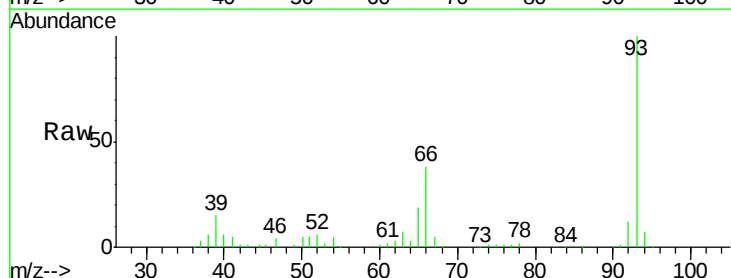
RT: 6.61 min Scan# 396

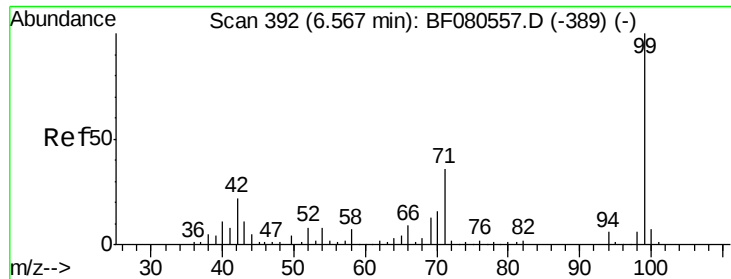
Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Tgt Ion:	93	Resp:	146899
Ion	Ratio	Lower	Upper
93	100		
66	37.9	33.1	49.7
65	19.4	17.2	25.8





#7

Phenol-d6

Concen: 85.70 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

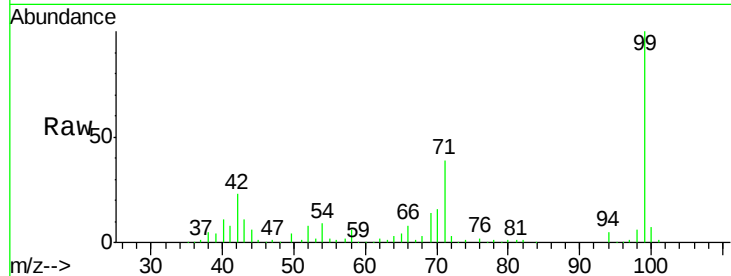
Tgt Ion: 99 Resp: 208122

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.2

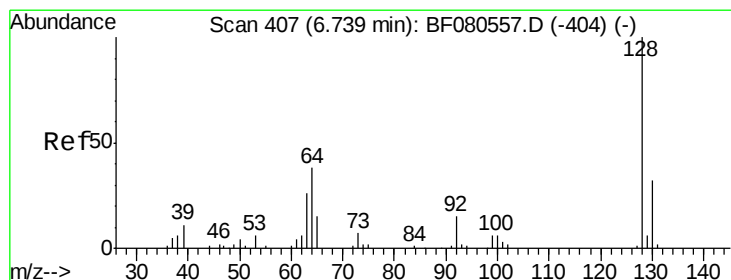
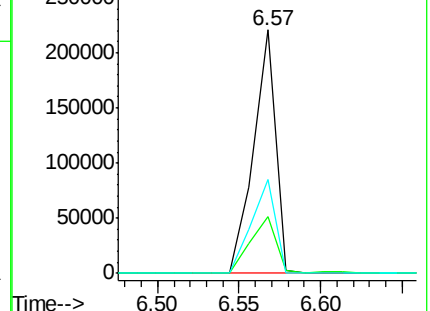
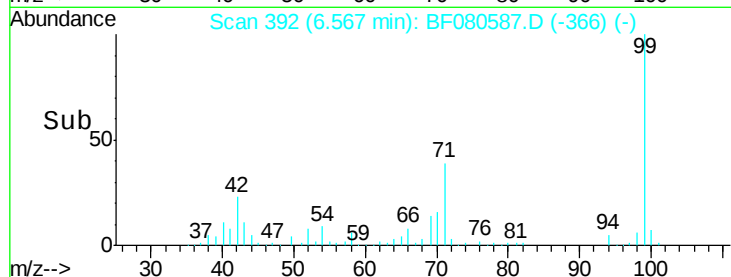
71 38.6 29.0 43.6



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: 42.89 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

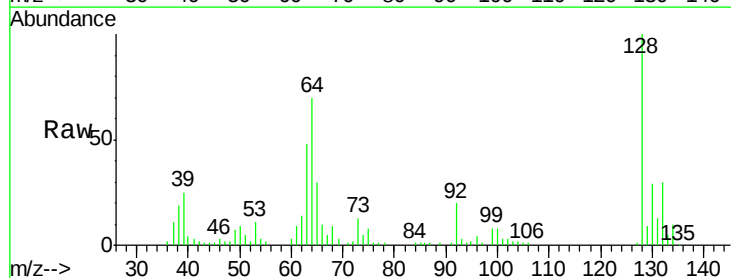
Tgt Ion: 128 Resp: 88559

Ion Ratio Lower Upper

128 100

130 29.4 11.8 51.8

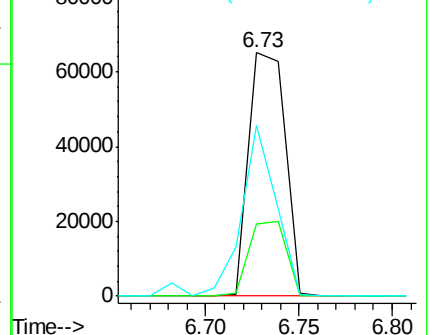
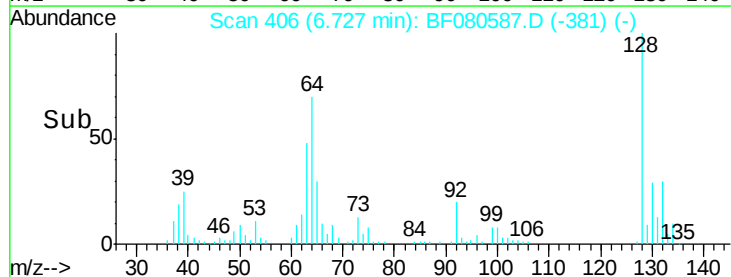
64 70.1 20.2 60.2#

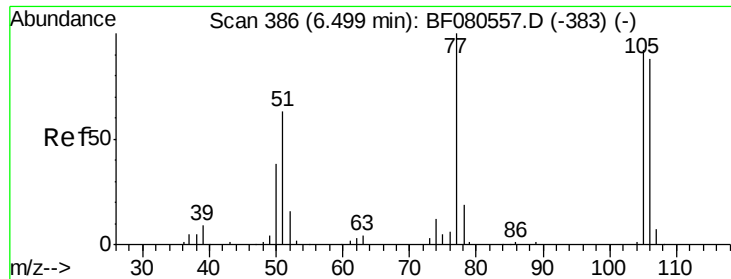


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.64 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

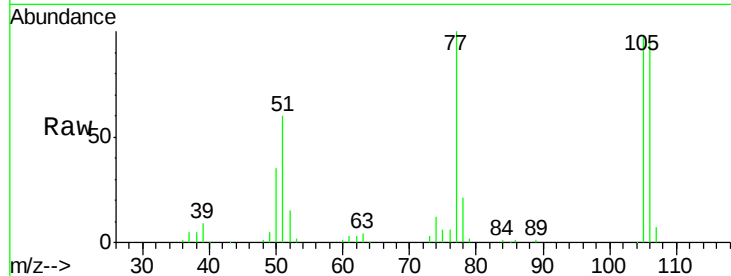
Tgt Ion: 77 Resp: 72432

Ion Ratio Lower Upper

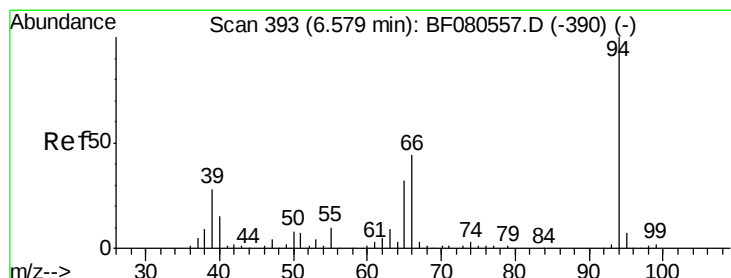
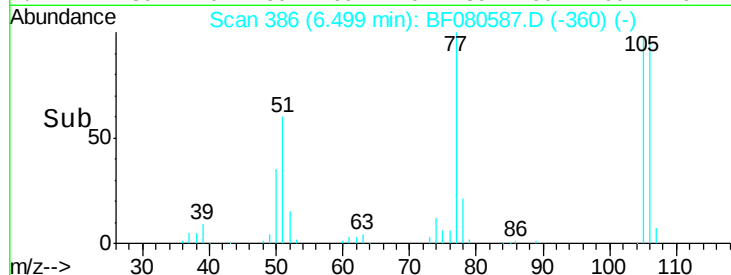
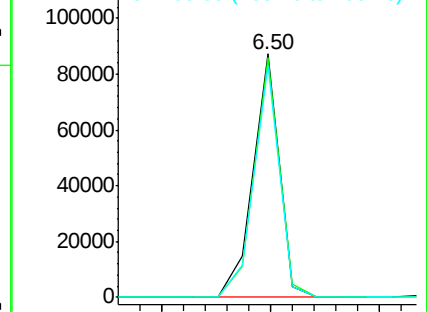
77 100

105 98.4 72.3 112.3

106 95.3 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 44.74 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

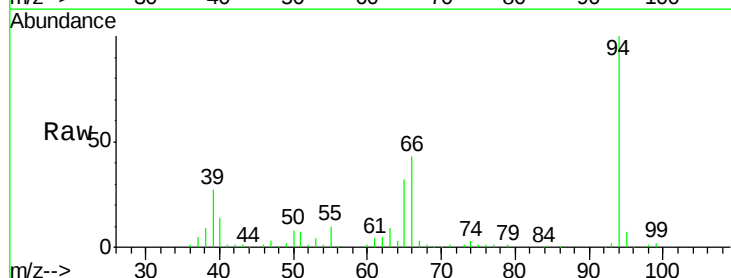
Tgt Ion: 94 Resp: 129218

Ion Ratio Lower Upper

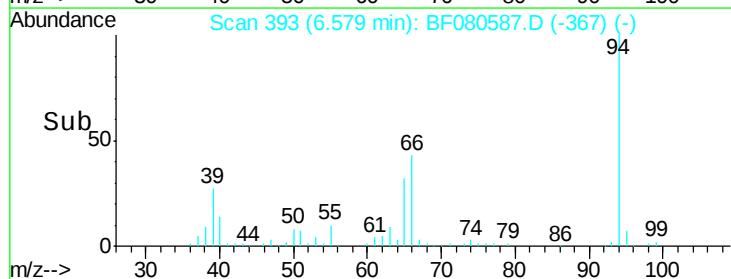
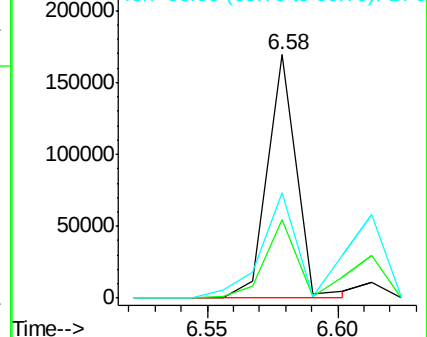
94 100

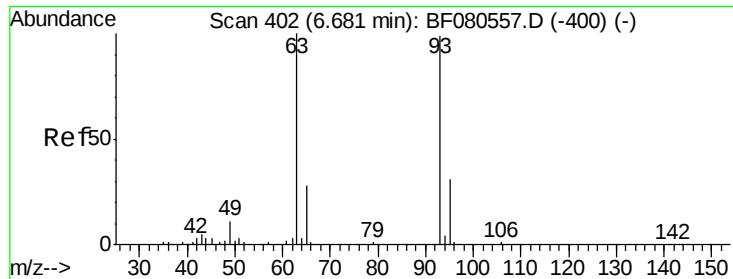
65 32.4 12.1 52.1

66 43.4 24.3 64.3



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.10 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

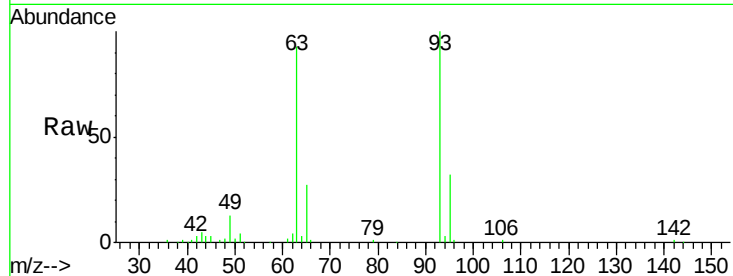
Tgt Ion: 93 Resp: 89415

Ion Ratio Lower Upper

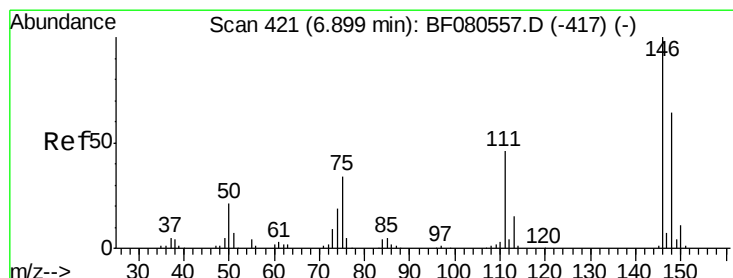
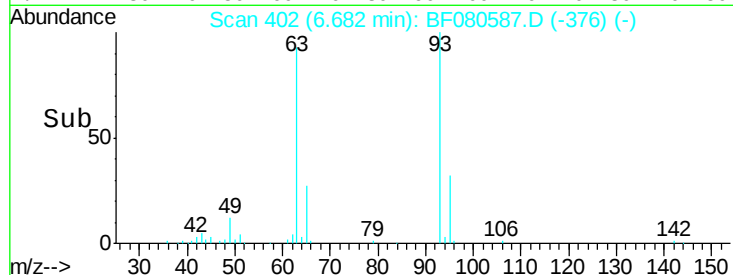
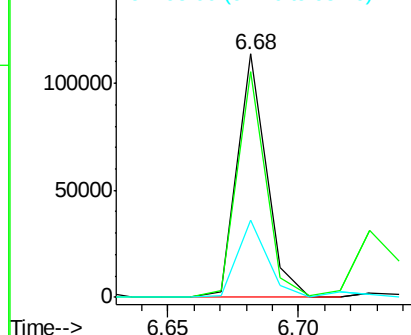
93 100

63 92.8 80.5 120.5

95 31.7 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.18 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

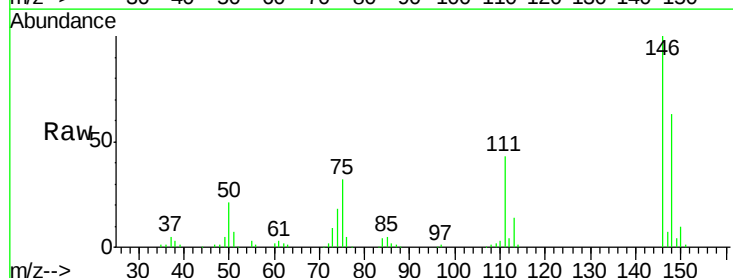
Tgt Ion: 146 Resp: 109998

Ion Ratio Lower Upper

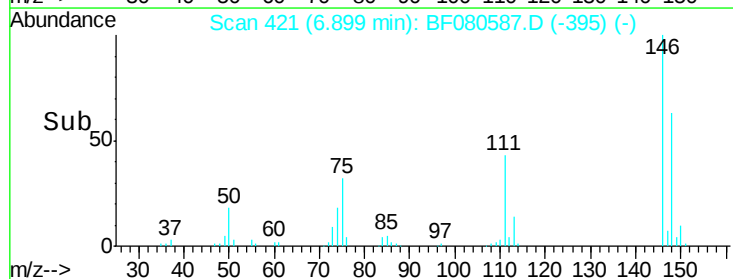
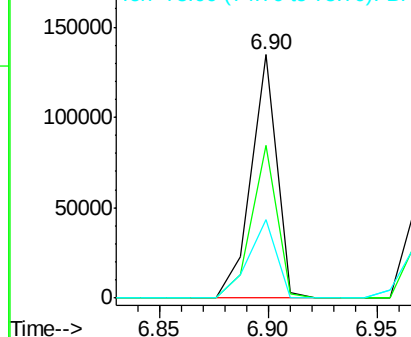
146 100

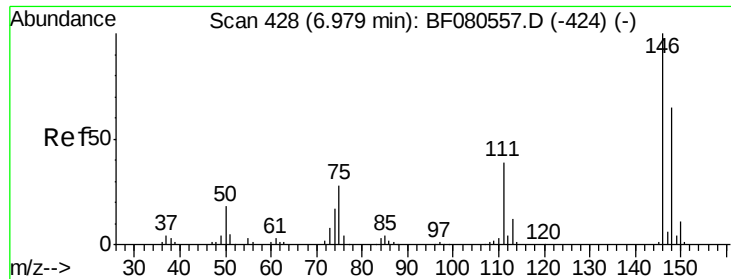
148 63.0 50.9 76.3

75 32.4 27.1 40.7



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

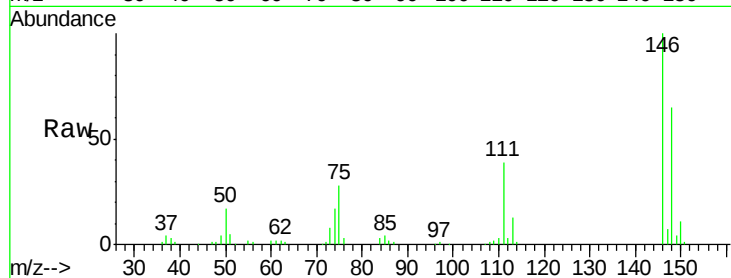




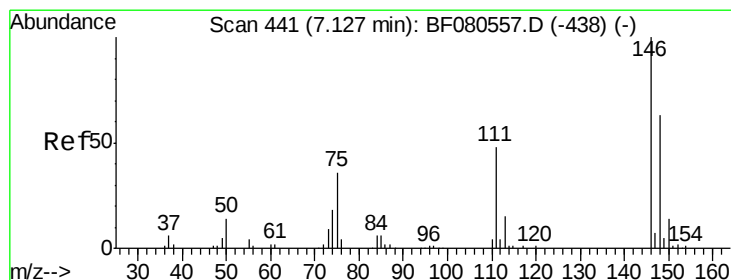
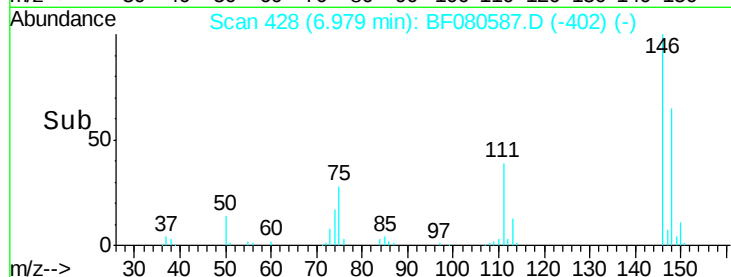
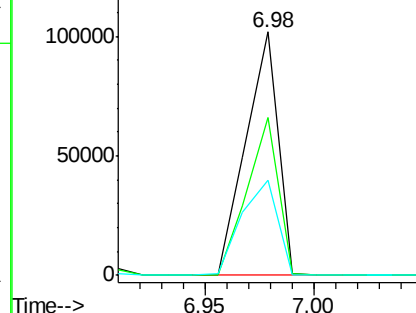
#13
 1,4-Dichlorobenzene
 Concen: 41.03 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 104400
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 39.1 31.4 47.2

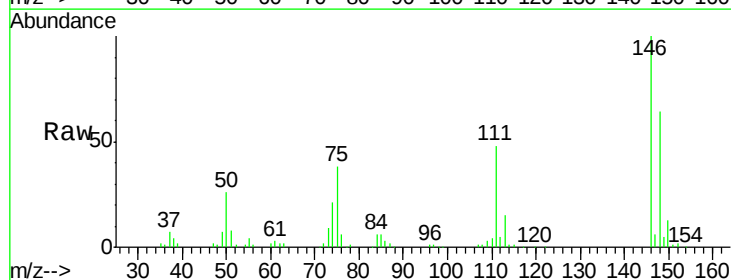


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

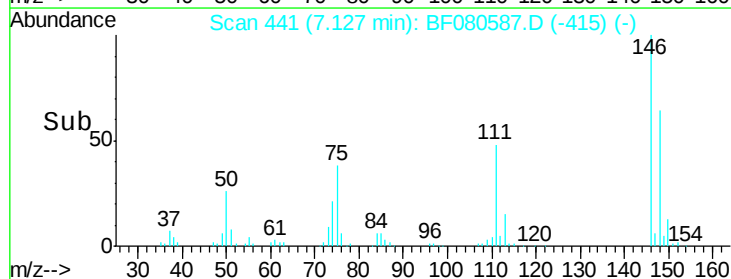
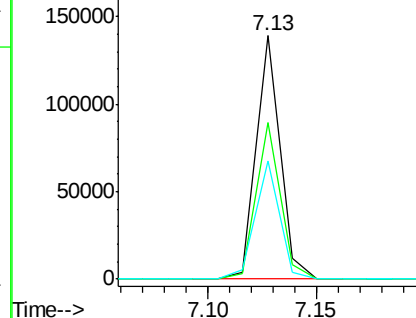


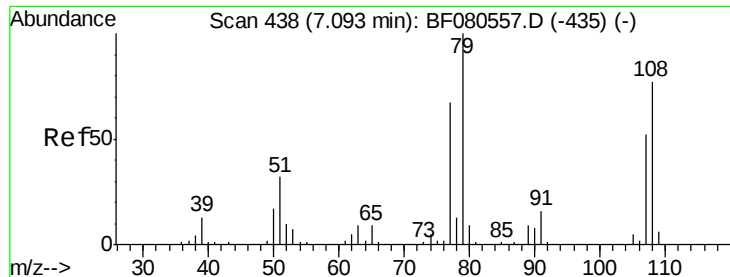
#14
 1,2-Dichlorobenzene
 Concen: 43.44 ng
 RT: 7.13 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:146 Resp: 106610
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.3 75.5
 111 48.5 38.2 57.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.04 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

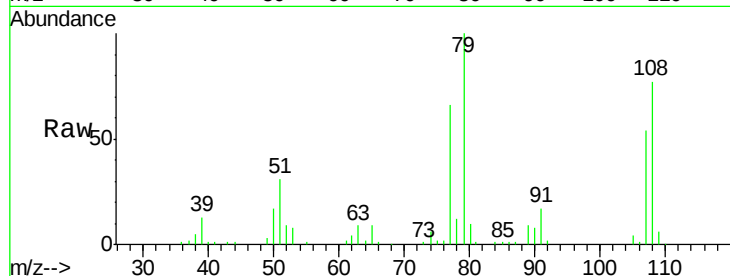
Tgt Ion: 79 Resp: 86541

Ion Ratio Lower Upper

79 100

108 77.0 61.5 92.3

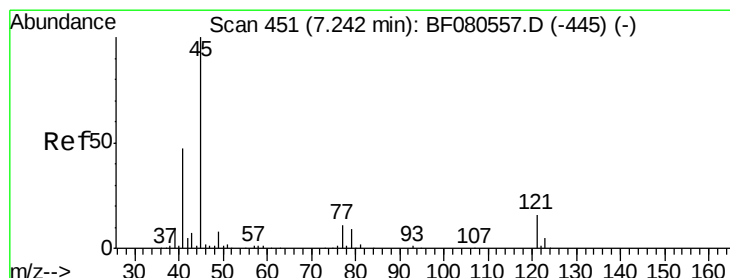
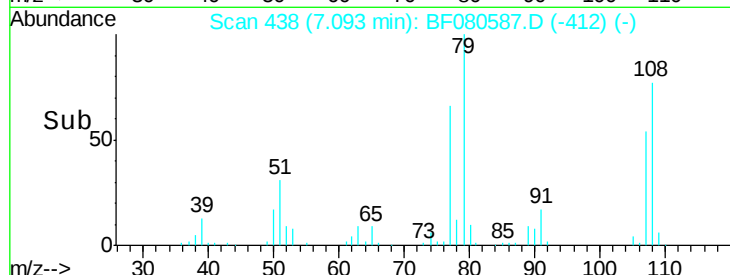
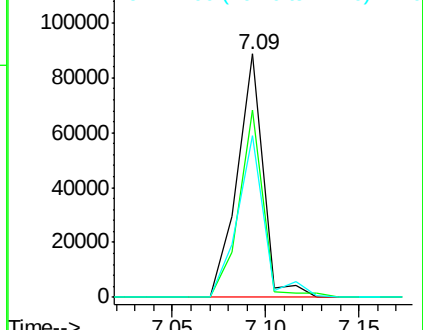
77 66.2 53.6 80.4



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: 37.26 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

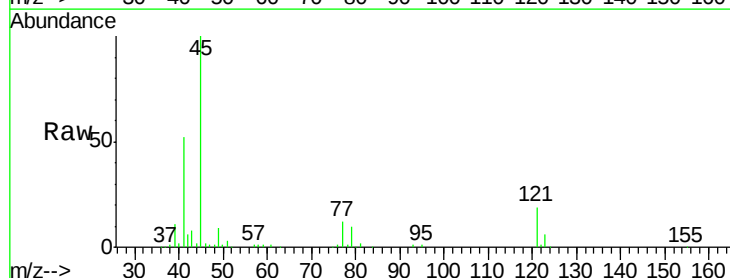
Tgt Ion: 45 Resp: 161875

Ion Ratio Lower Upper

45 100

77 11.9 0.0 30.8

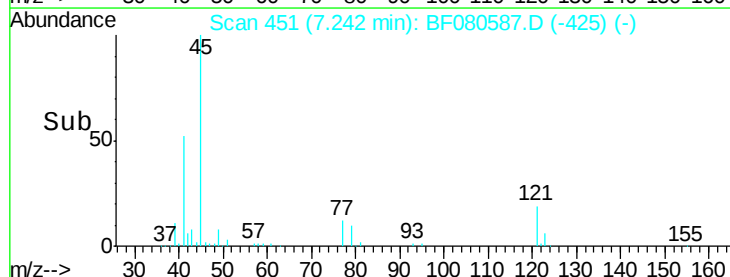
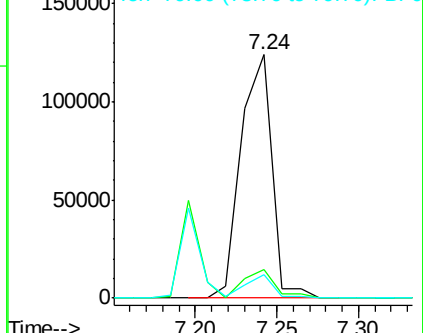
79 9.7 0.0 28.6

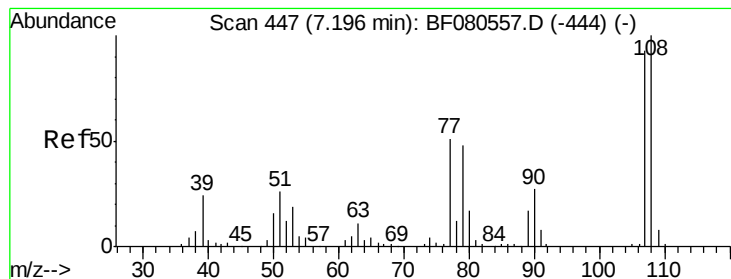


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

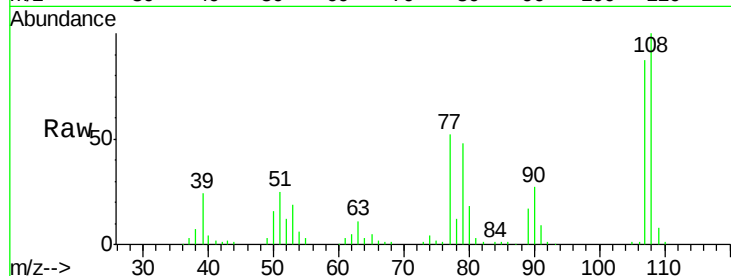




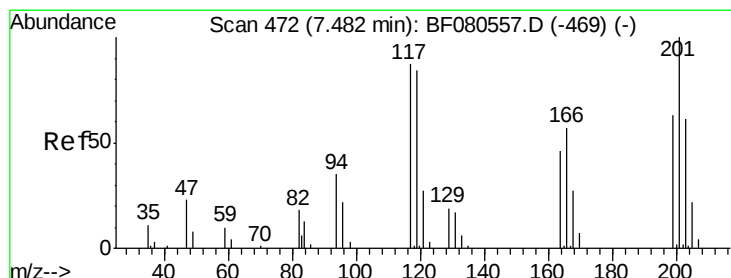
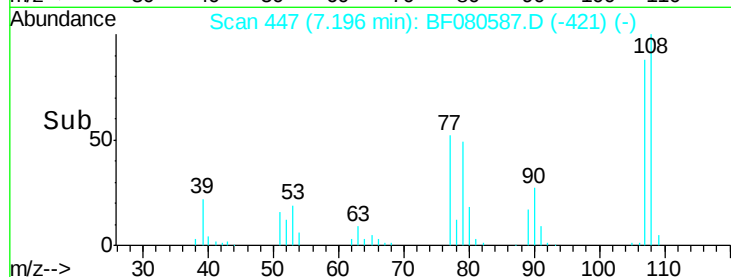
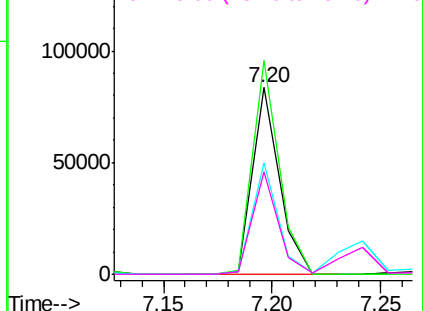
#17
2-Methylphenol
Concen: 40.63 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 71561
Ion Ratio Lower Upper
107 100
108 114.4 86.0 129.0
77 59.4 43.4 65.2
79 55.1 41.2 61.8

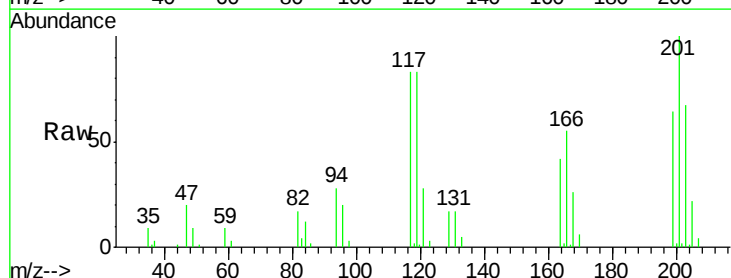


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

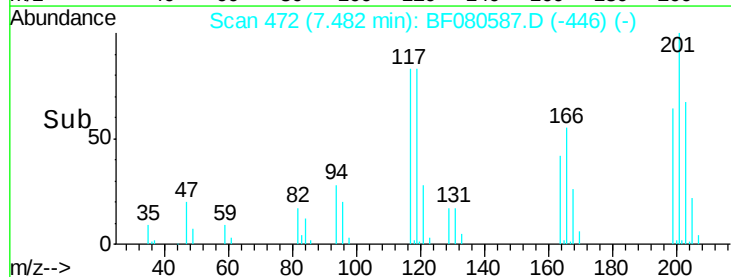
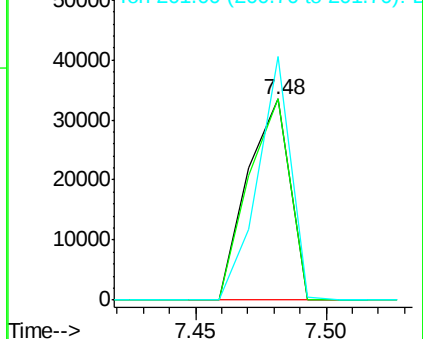


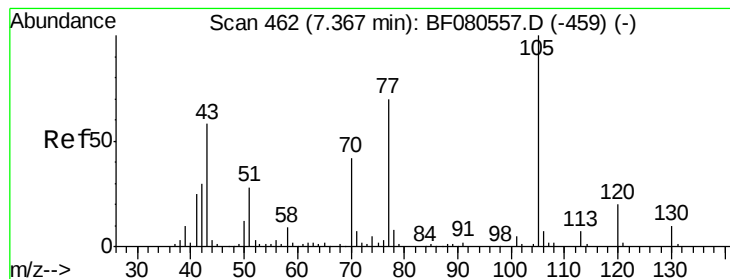
#18
Hexachloroethane
Concen: 42.48 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:117 Resp: 38103
Ion Ratio Lower Upper
117 100
119 100.1 76.5 114.7
201 121.0 91.6 137.4



Abundance Ion 117.00 (116.70 to 117.70): E
50000
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: 42.99 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 67048

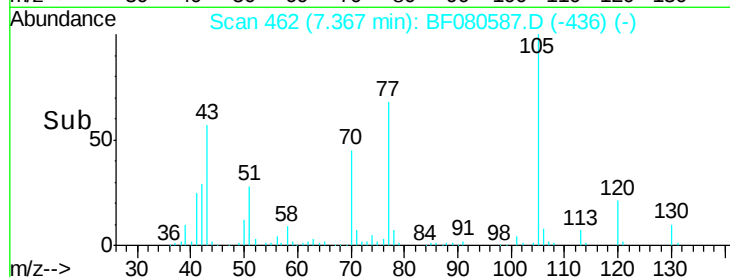
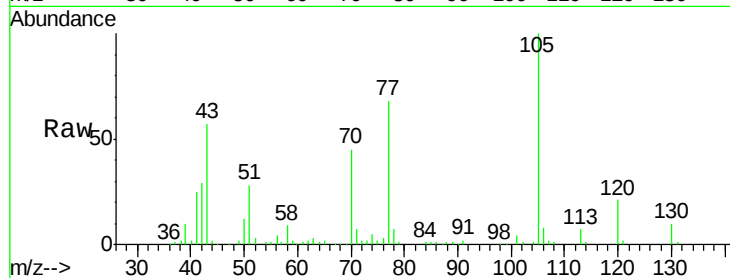
Ion Ratio Lower Upper

70 100

42 65.8 56.6 85.0

101 9.4 9.7 14.5#

130 22.5 19.1 28.7



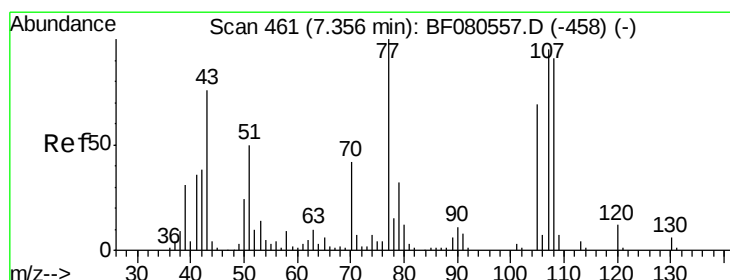
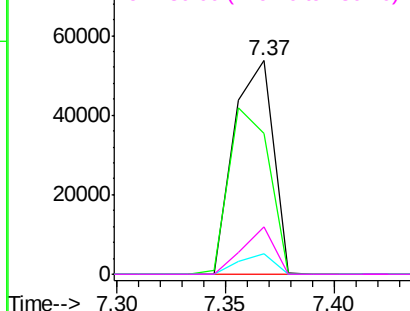
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.12 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Tgt Ion: 107 Resp: 93560

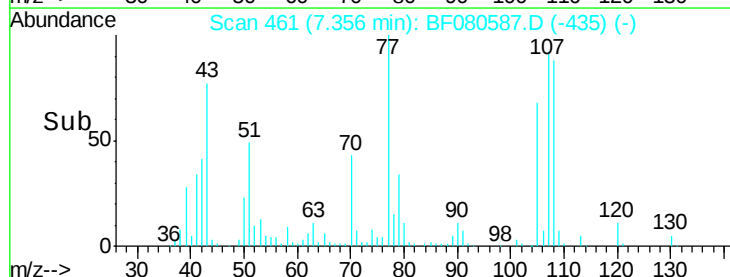
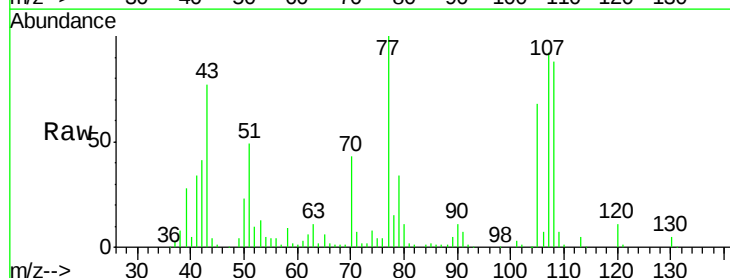
Ion Ratio Lower Upper

107 100

108 96.6 75.6 115.6

77 109.2 84.7 124.7

79 36.8 13.8 53.8



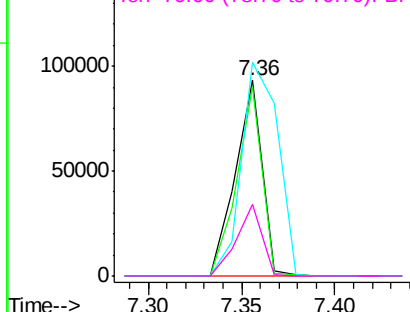
Abundance

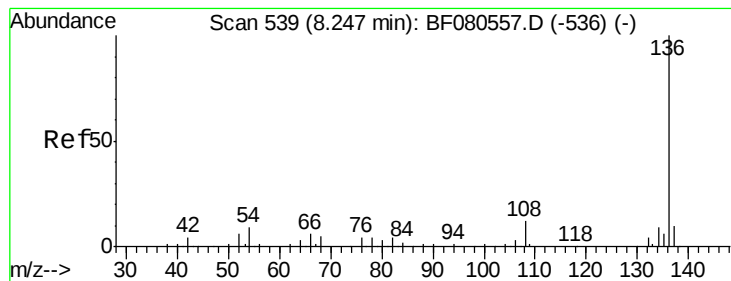
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 137078

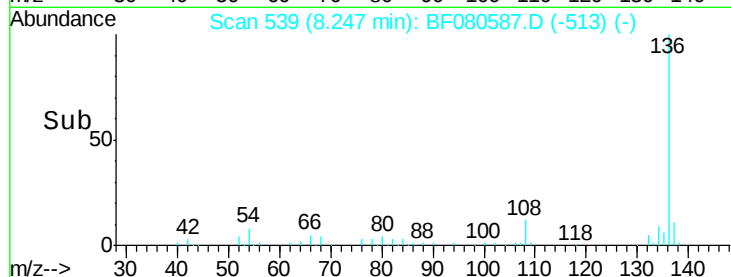
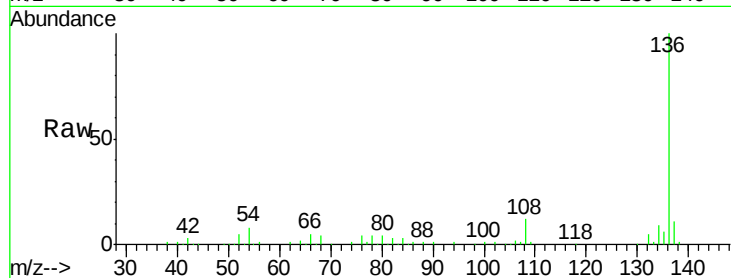
Ion Ratio Lower Upper

136 100

137 11.5 7.8 11.8

54 8.2 7.2 10.8

68 3.7 3.8 5.6#

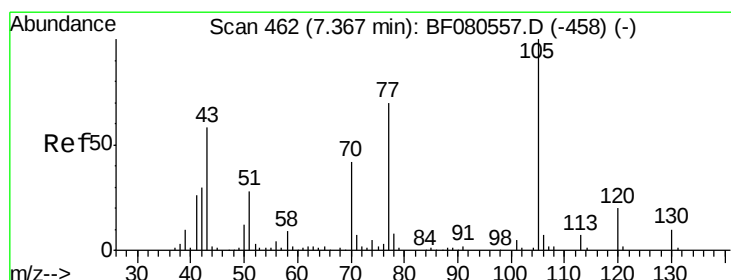
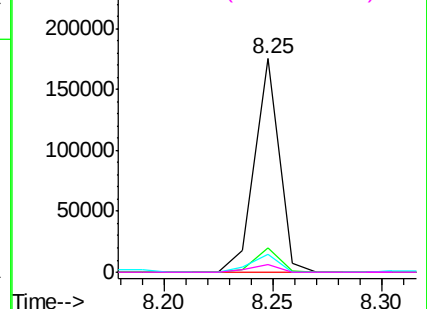


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.01 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Tgt Ion:105 Resp: 130939

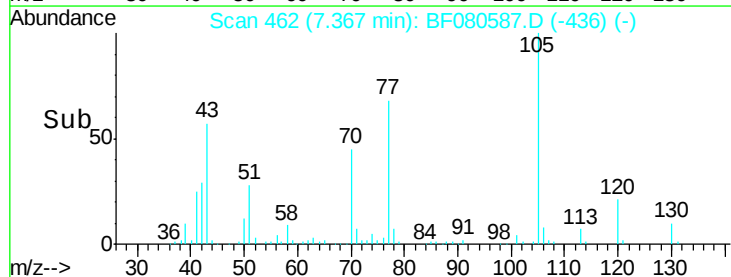
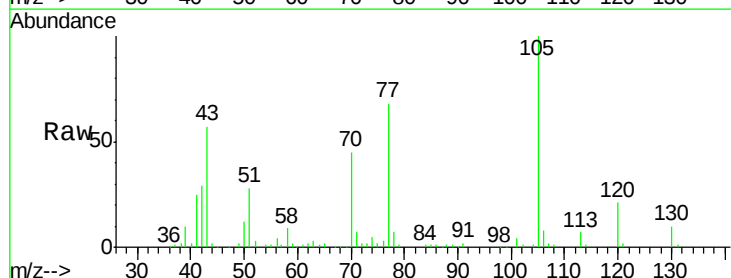
Ion Ratio Lower Upper

105 100

71 7.0 5.5 8.3

51 27.6 23.0 34.4

120 21.2 15.8 23.8

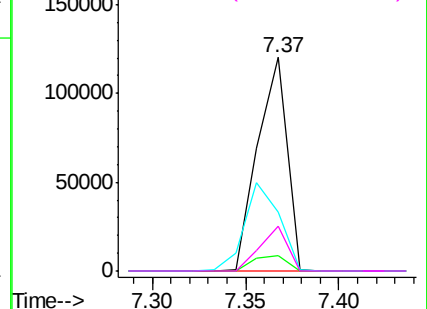


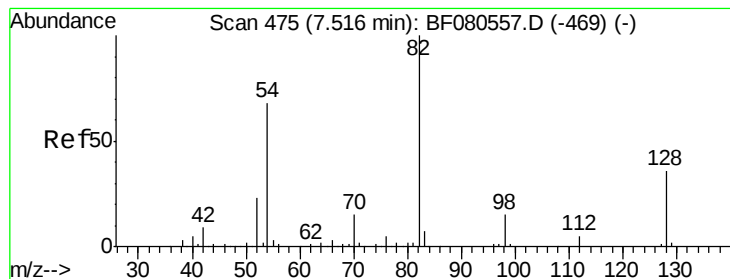
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.95 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

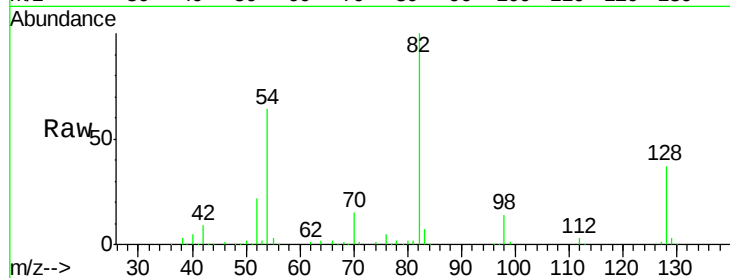
Tgt Ion: 82 Resp: 206322

Ion Ratio Lower Upper

82 100

128 37.4 28.9 43.3

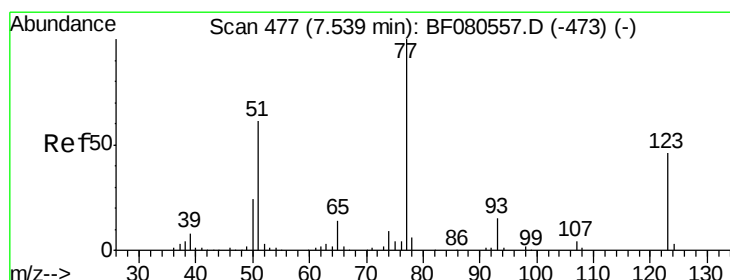
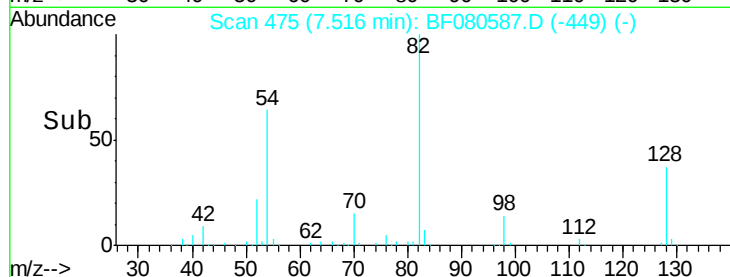
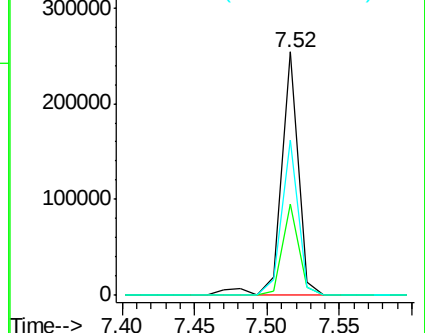
54 63.9 54.5 81.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.55 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

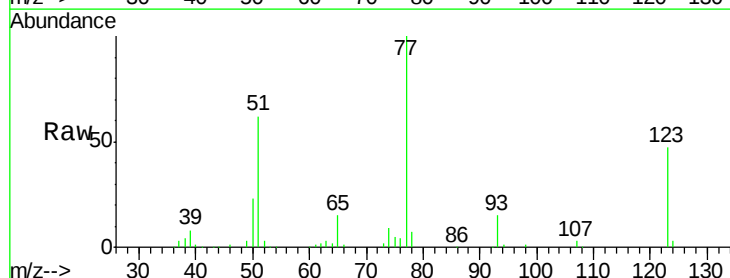
Tgt Ion: 77 Resp: 100848

Ion Ratio Lower Upper

77 100

123 46.8 37.1 55.7

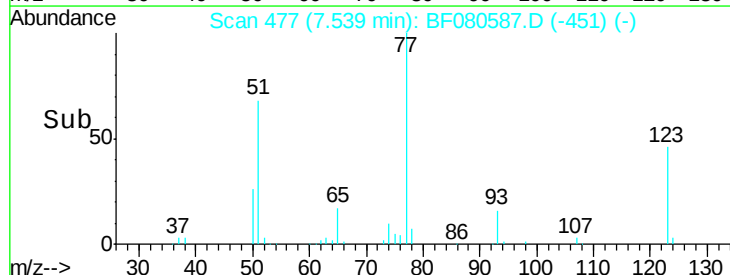
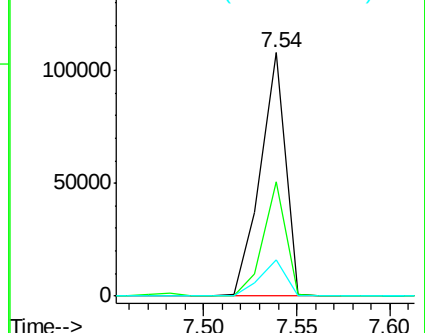
65 14.9 11.4 17.2

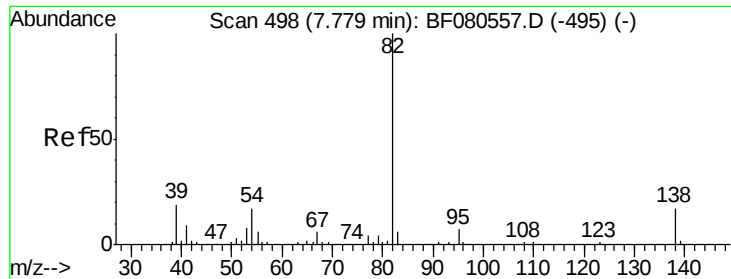


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.92 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

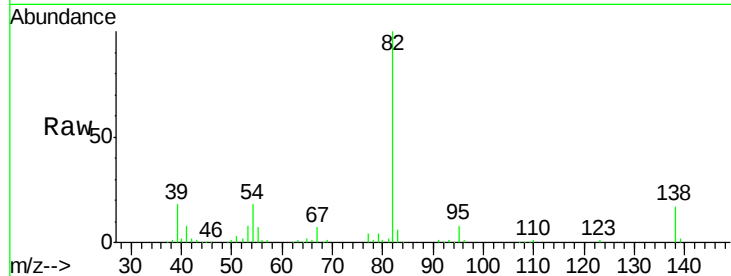
Tgt Ion: 82 Resp: 179457

Ion Ratio Lower Upper

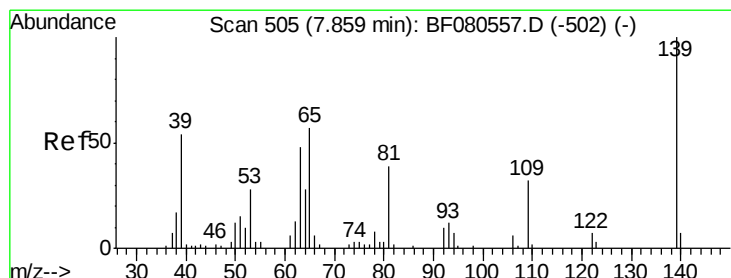
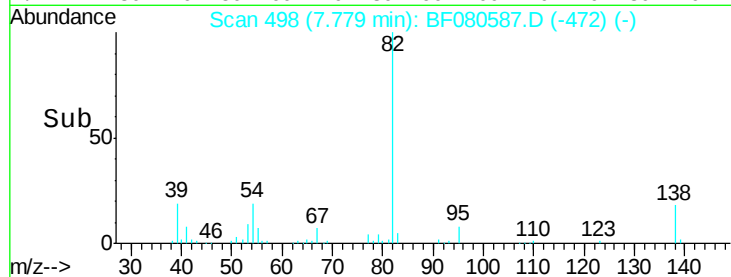
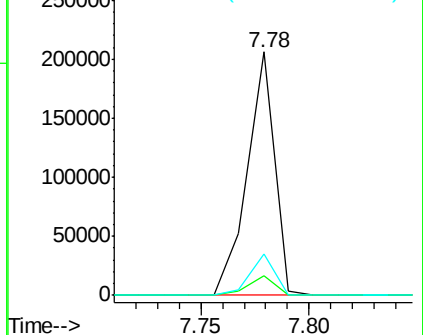
82 100

95 8.0 5.9 8.9

138 17.1 13.4 20.2



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: 56.11 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

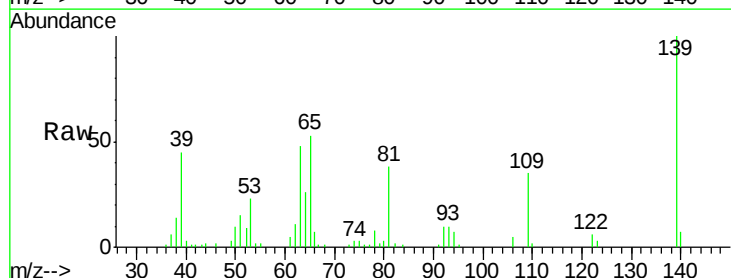
Tgt Ion: 139 Resp: 37724

Ion Ratio Lower Upper

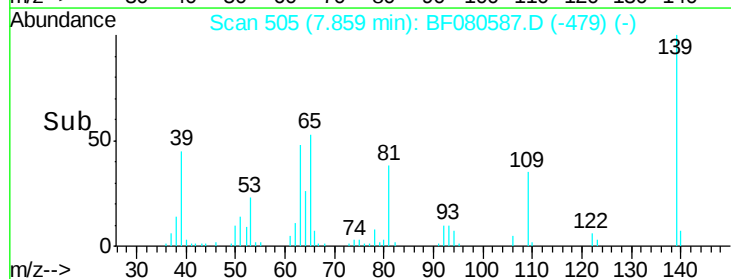
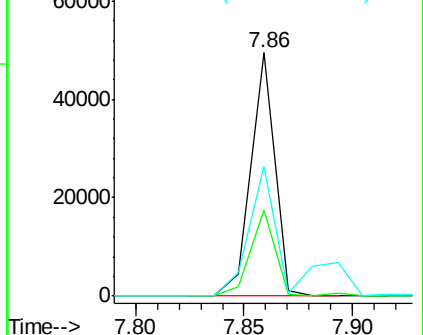
139 100

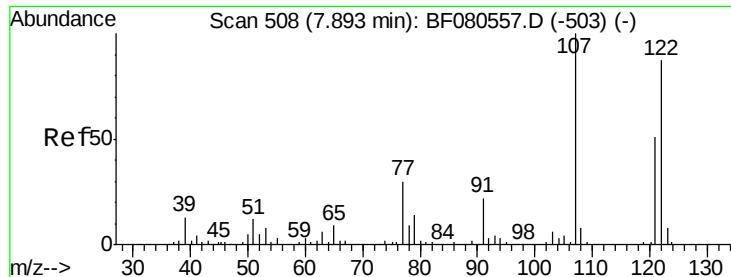
109 35.2 26.0 39.0

65 53.0 45.4 68.0



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





#27

2,4-Dimethylphenol

Concen: 42.00 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

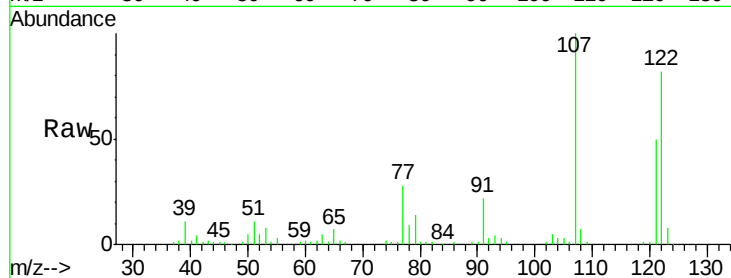
Tgt Ion:122 Resp: 79917

Ion Ratio Lower Upper

122 100

107 121.6 92.3 138.5

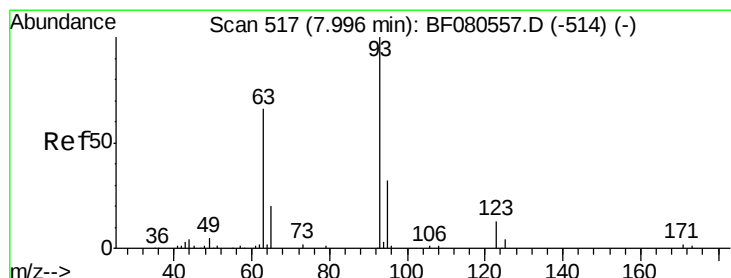
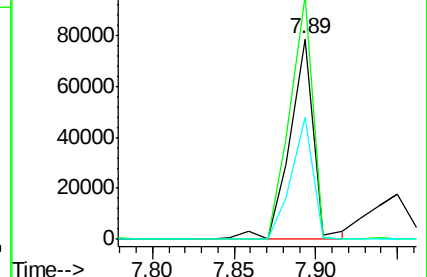
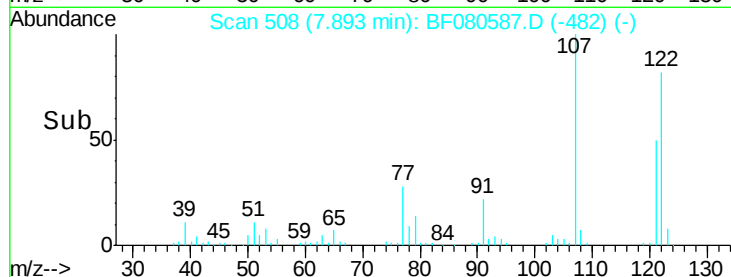
121 60.7 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.82 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

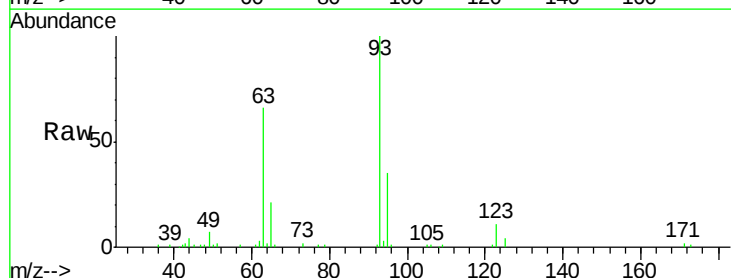
Tgt Ion: 93 Resp: 93605

Ion Ratio Lower Upper

93 100

95 34.9 25.9 38.9

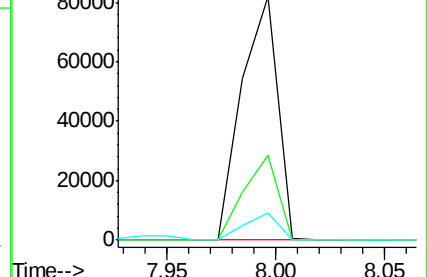
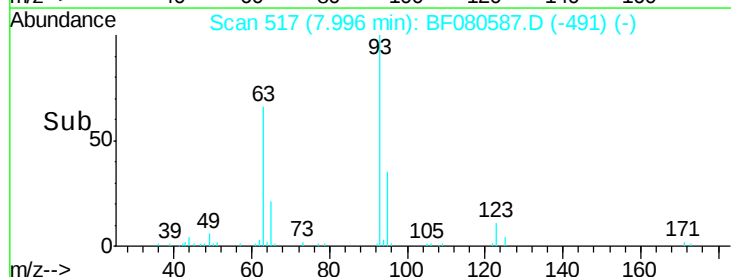
123 11.3 10.3 15.5

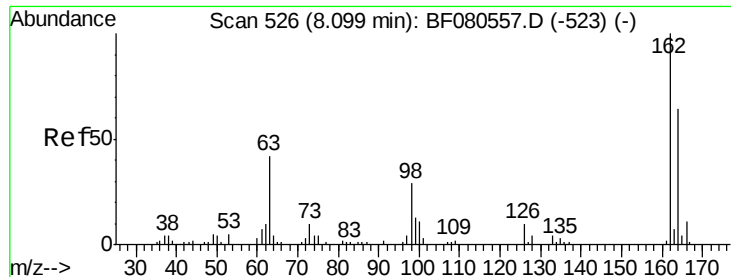


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

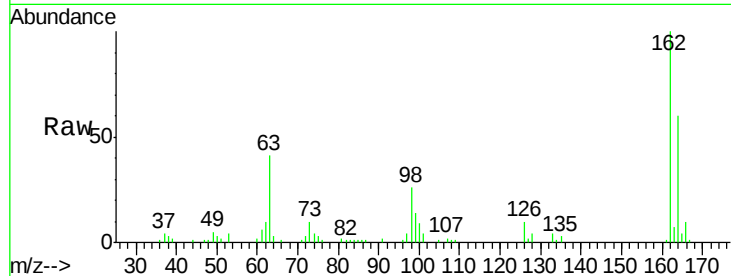




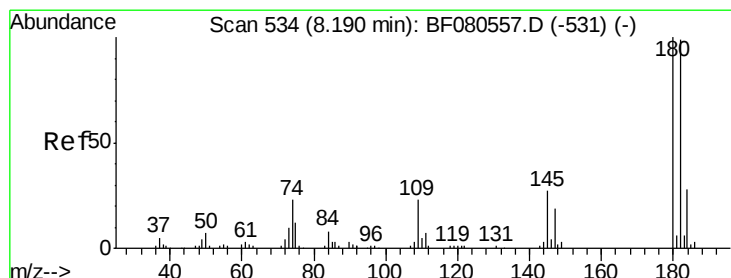
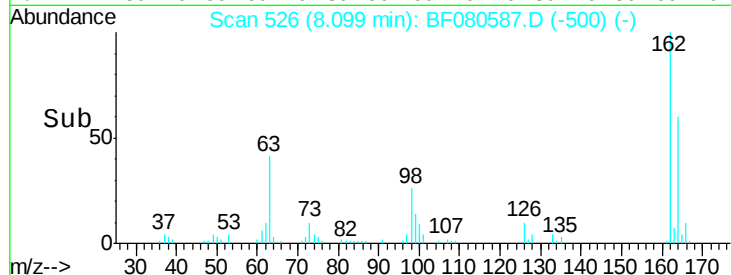
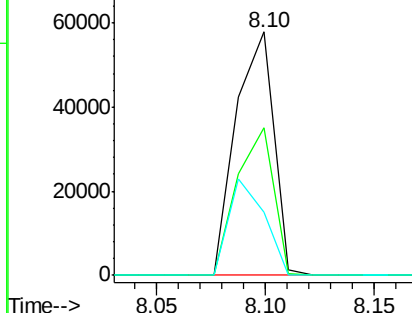
#29
 2,4-Dichlorophenol
 Concen: 45.75 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.5	44.1	84.1
98	25.8	8.9	48.9

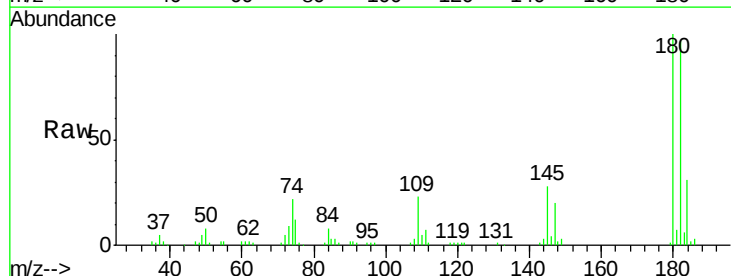


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

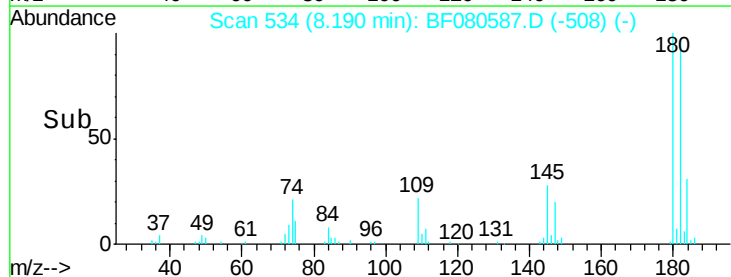
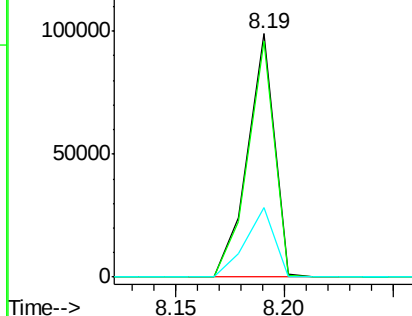


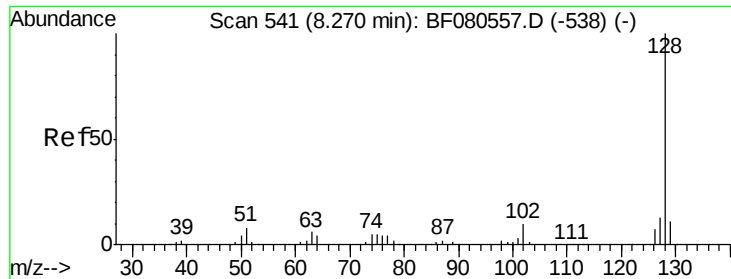
#30
 1,2,4-Trichlorobenzene
 Concen: 40.10 ng
 RT: 8.19 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	79.0	118.4
145	28.3	22.0	33.0



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

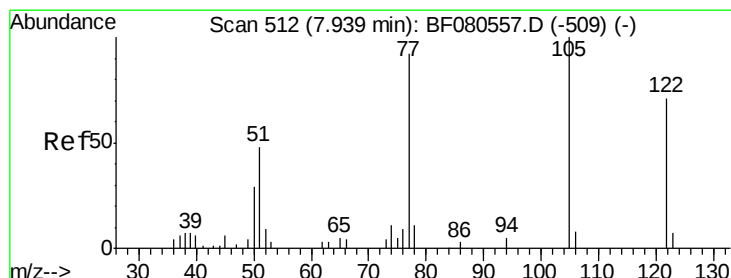
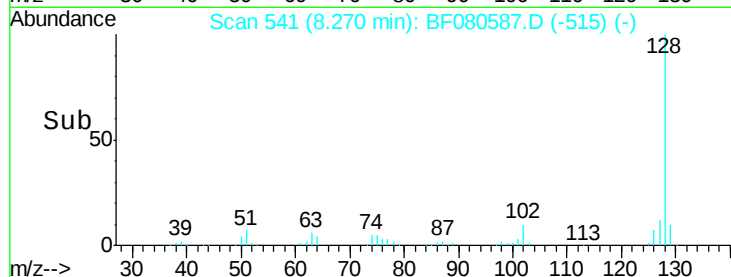
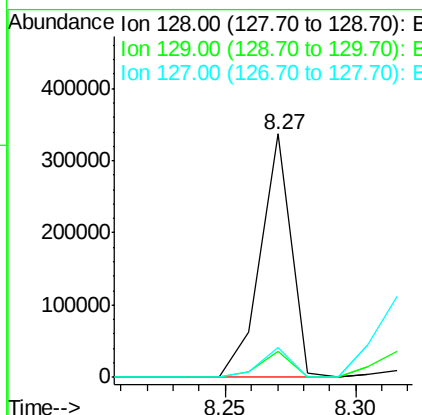
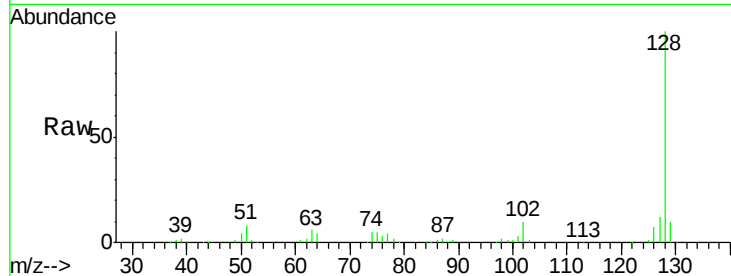




#31
Naphthalene
Concen: 40.87 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

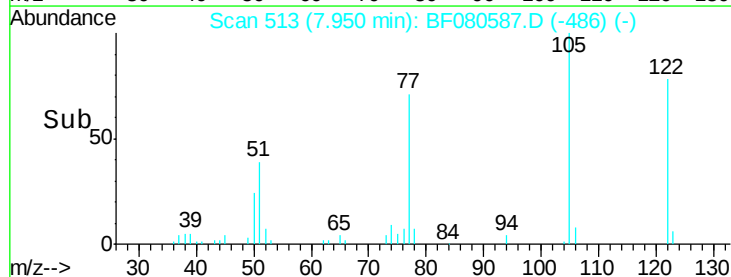
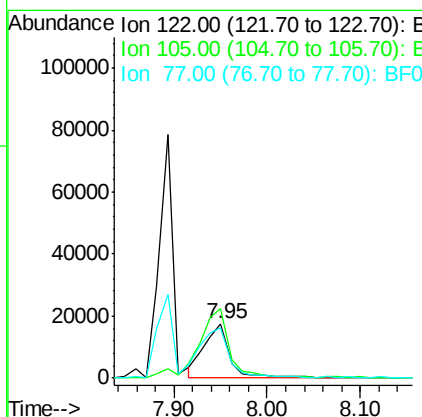
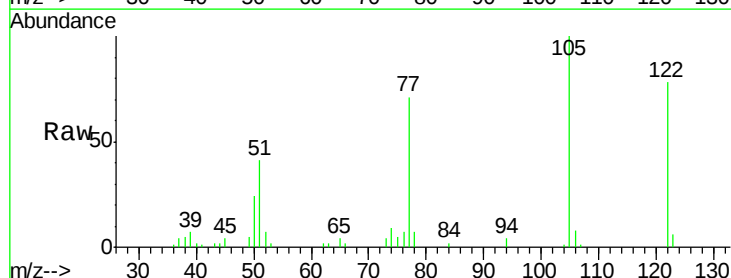
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

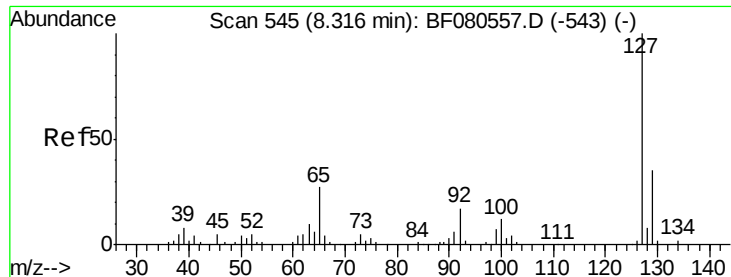
Tgt Ion:128 Resp: 278178
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.5 10.7 16.1



#32
Benzoic acid
Concen: 54.44 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:122 Resp: 33860
Ion Ratio Lower Upper
122 100
105 128.7 112.5 152.5
77 91.9 102.5 142.5#

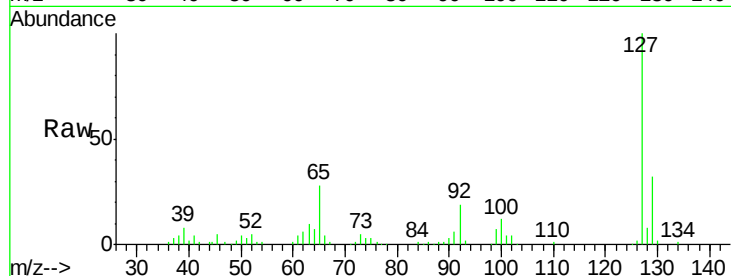




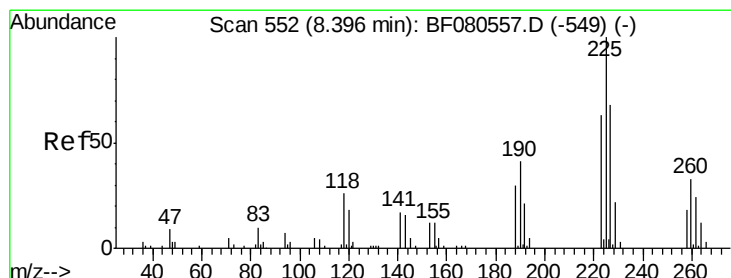
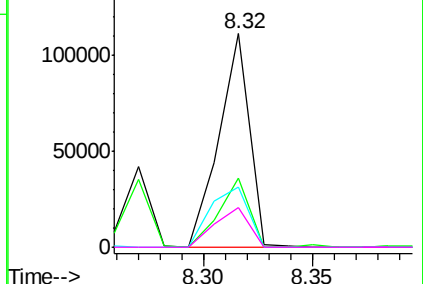
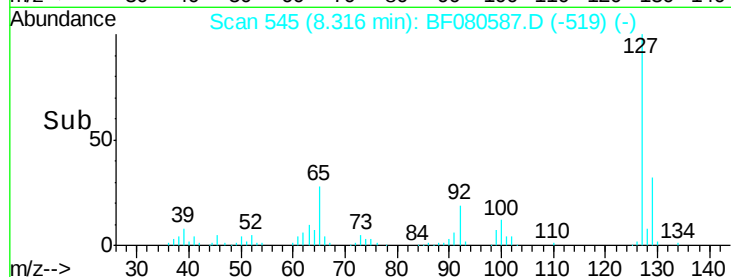
#33
4-Chloroaniline
Concen: 41.13 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	107744
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.8	41.6
65	27.9	21.2	31.8
92	18.5	13.9	20.9

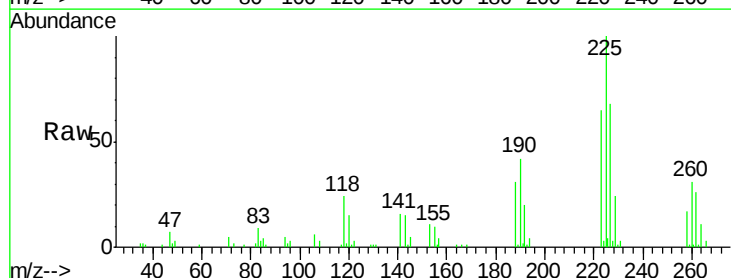


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

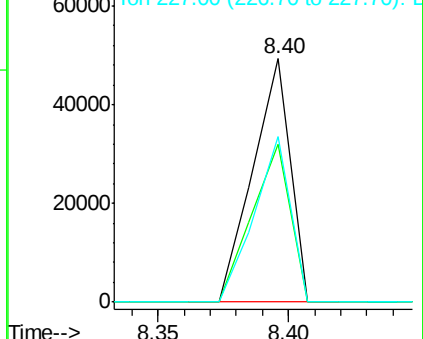
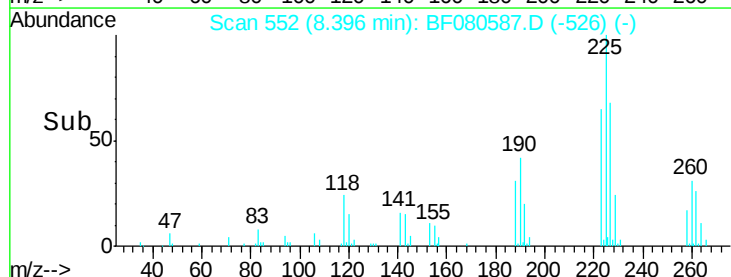


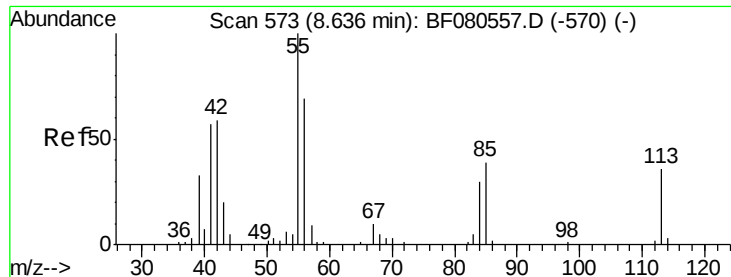
#34
Hexachlorobutadiene
Concen: 40.00 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:	225	Resp:	49685
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.3	75.5
227	68.0	54.5	81.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

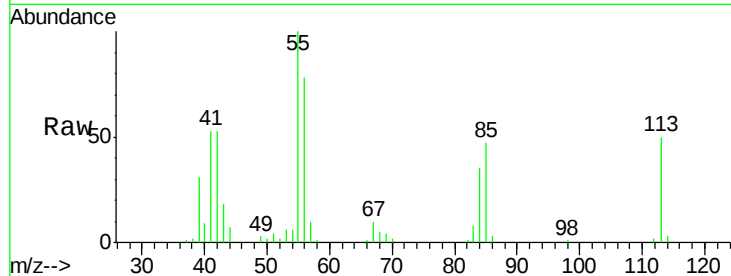




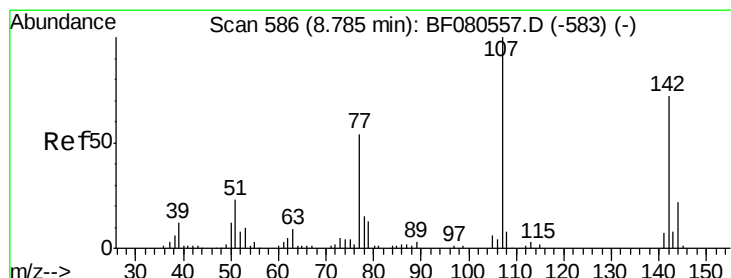
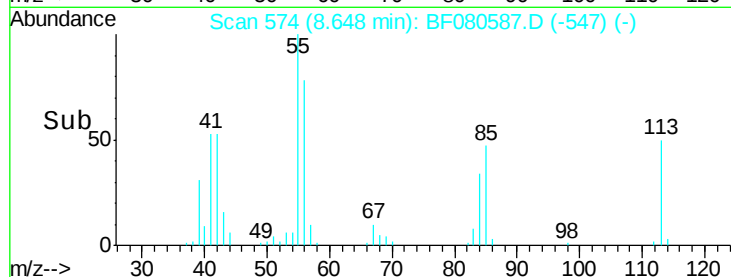
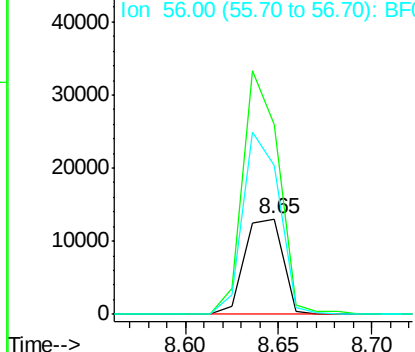
#35
 Caprolactam
 Concen: 43.35 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 18595
 Ion Ratio Lower Upper
 113 100
 55 199.0 259.3 299.3#
 56 155.1 171.6 211.6#

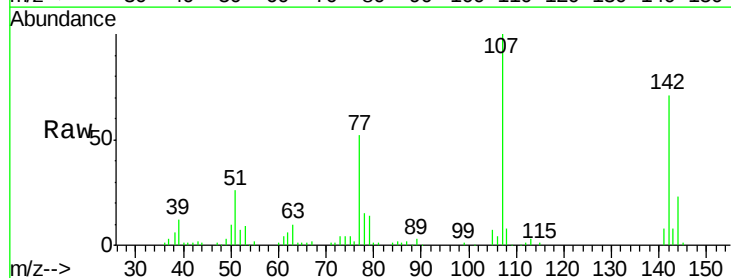


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

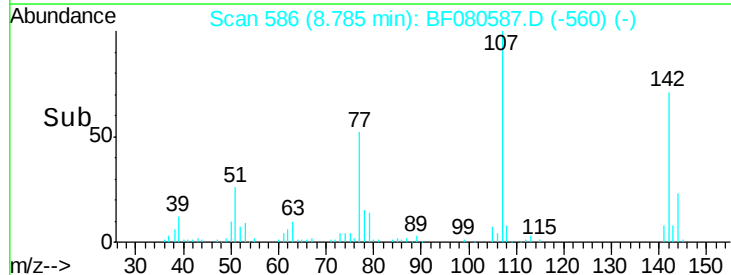
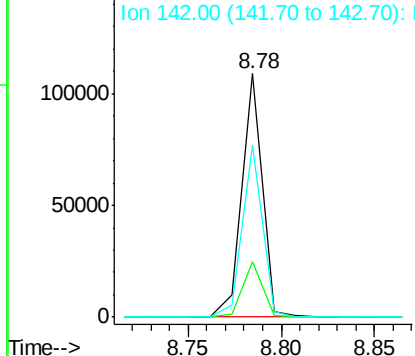


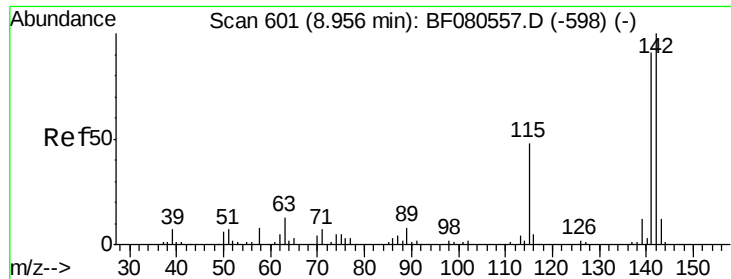
#36
 4-Chloro-3-methylphenol
 Concen: 44.51 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:107 Resp: 83711
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.7 26.5
 142 70.8 57.7 86.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

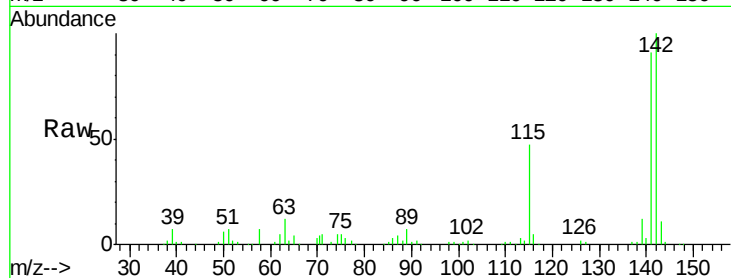




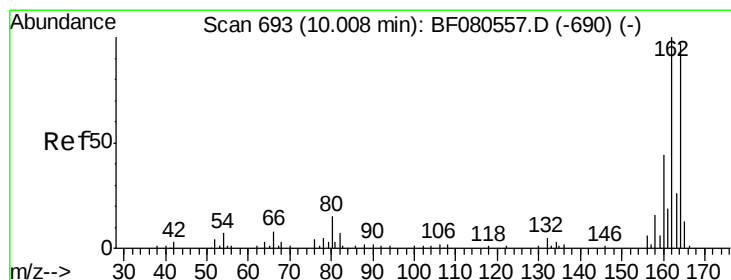
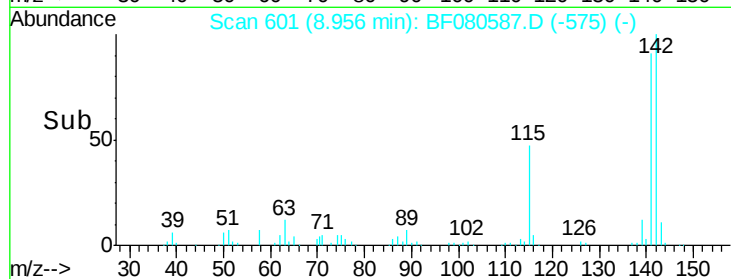
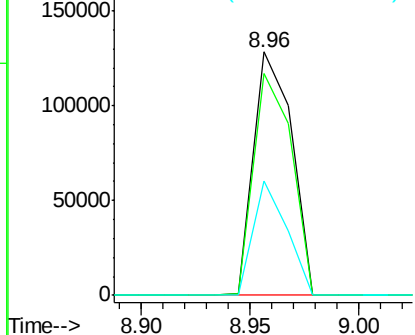
#37
 2-Methylnaphthalene
 Concen: 41.30 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 157434
 Ion Ratio Lower Upper
 142 100
 141 91.3 72.6 109.0
 115 47.0 38.2 57.2

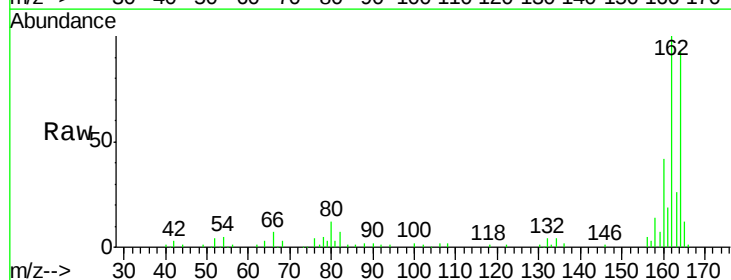


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

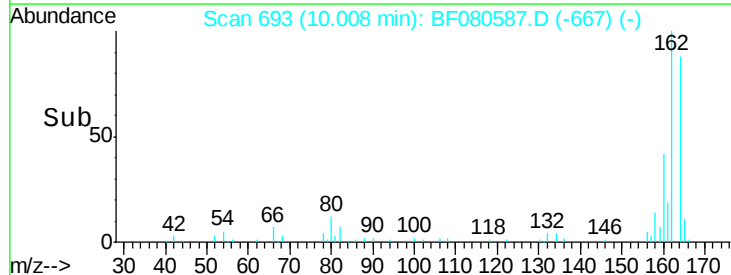
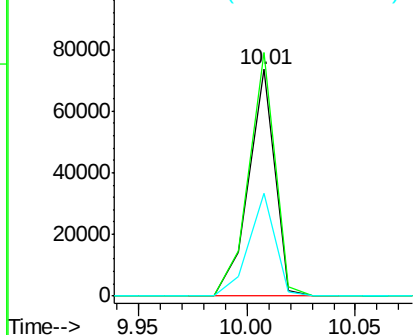


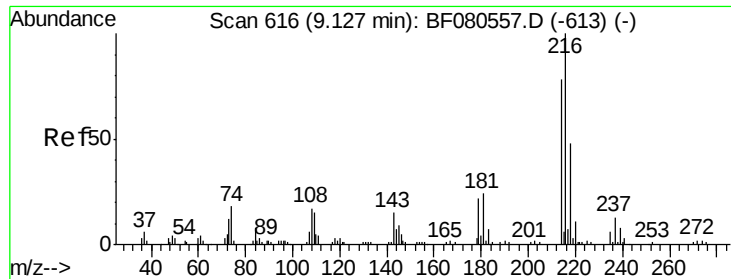
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:164 Resp: 61415
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.2 123.4
 160 45.4 36.1 54.1



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

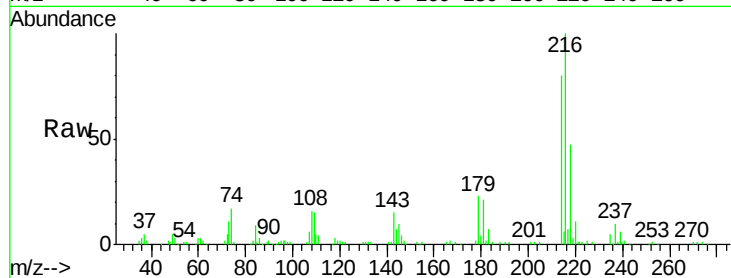




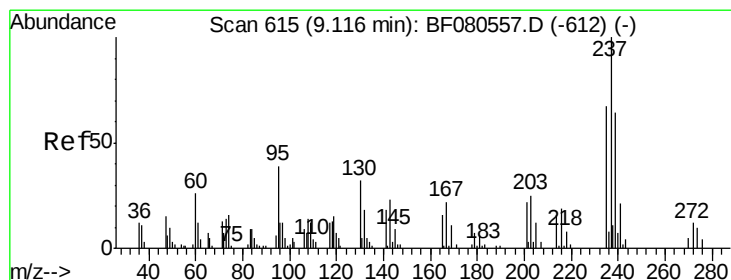
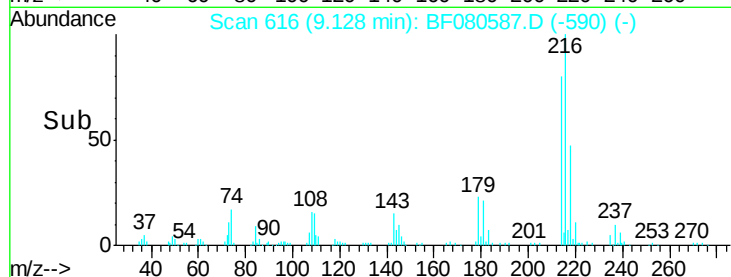
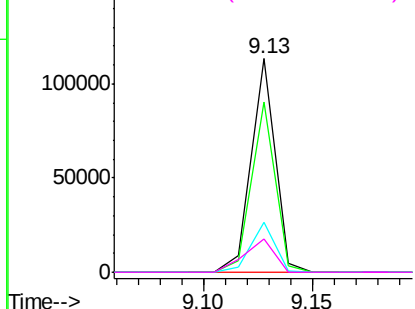
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.35 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	87061
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	23.5	18.0	27.0
108	19.5	15.9	23.9

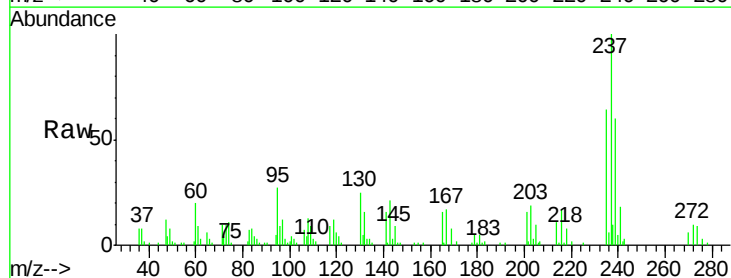


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

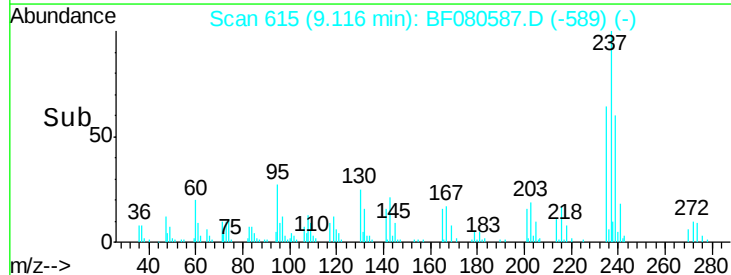
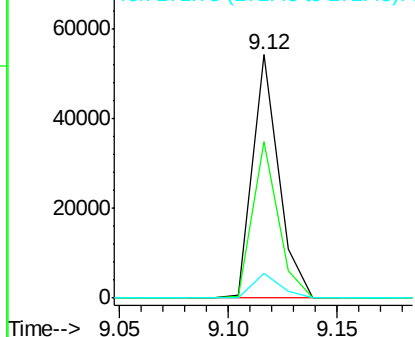


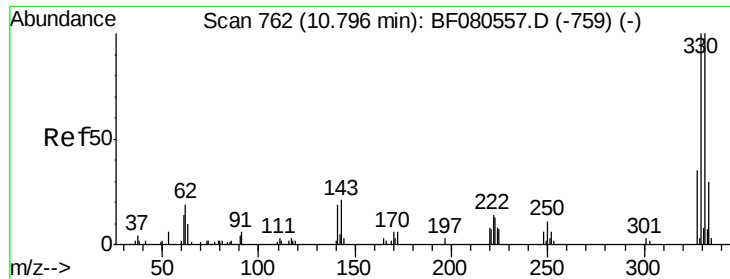
#40
 Hexachlorocyclopentadiene
 Concen: 50.00 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:	237	Resp:	45360
Ion	Ratio	Lower	Upper
237	100		
235	64.1	47.3	87.3
272	10.4	0.0	31.5



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

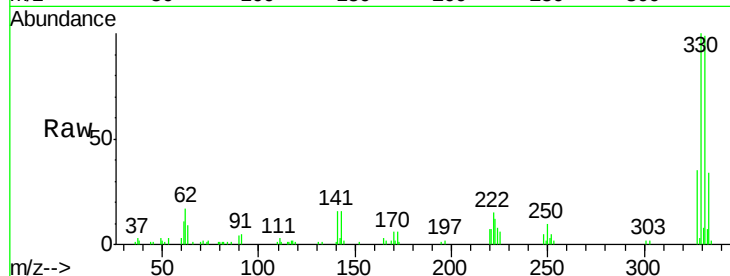




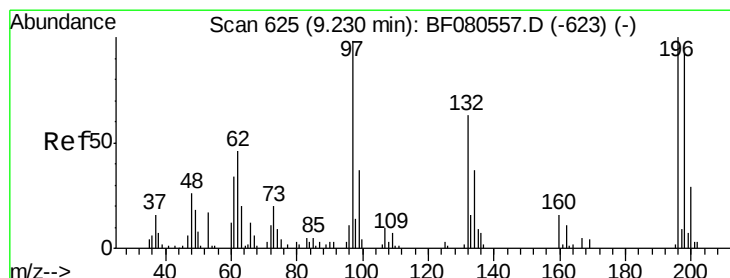
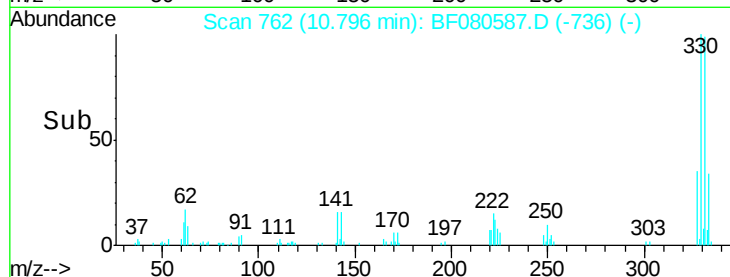
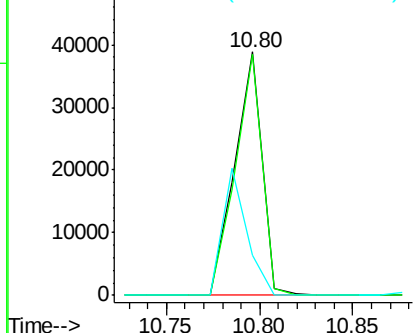
#41
 2,4,6-Tribromophenol
 Concen: 89.57 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 40026
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.3 117.5
 141 45.6 37.9 56.9

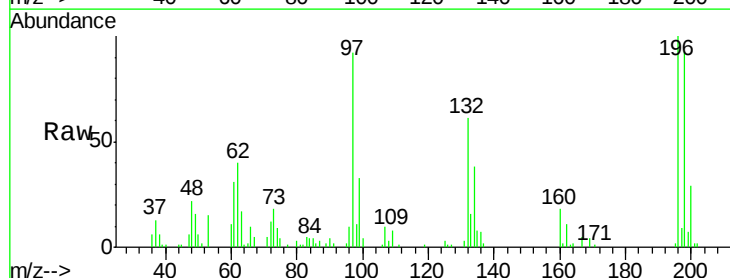


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

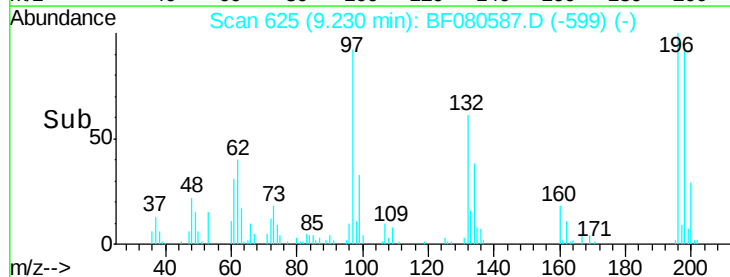
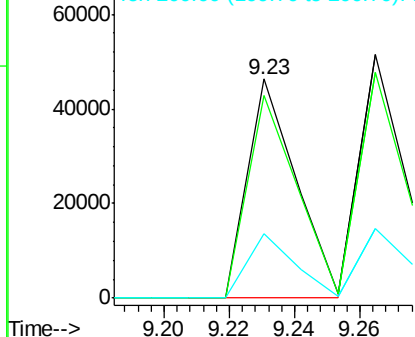


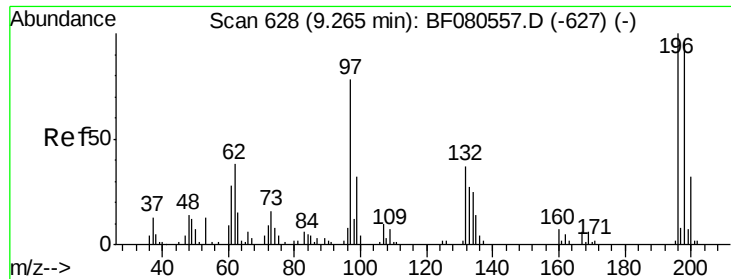
#42
 2,4,6-Trichlorophenol
 Concen: 45.53 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:196 Resp: 47474
 Ion Ratio Lower Upper
 196 100
 198 92.6 73.9 110.9
 200 29.2 23.4 35.0



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

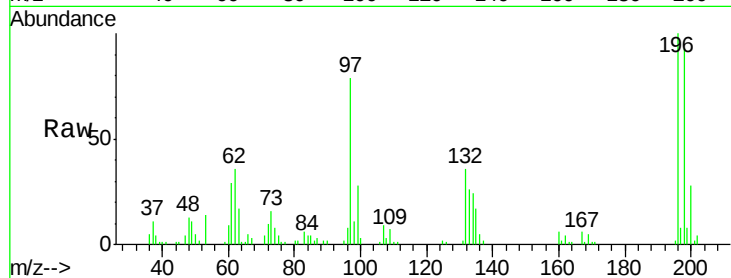




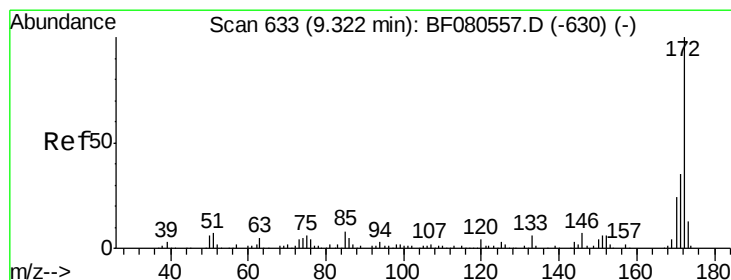
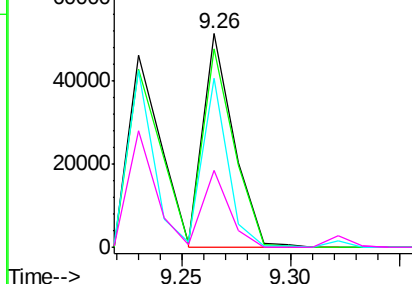
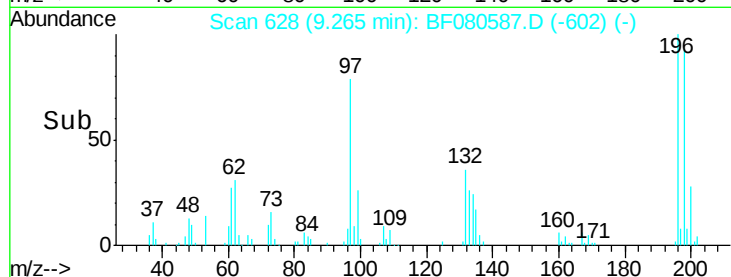
#43
 2,4,5-Trichlorophenol
 Concen: 45.97 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	196	Resp:	50096
Ion	Ratio	Lower	Upper
196	100		
198	92.8	76.9	115.3
97	79.1	63.0	94.4
132	35.8	30.1	45.1

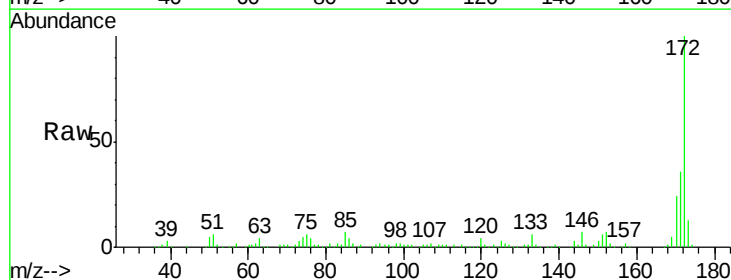


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

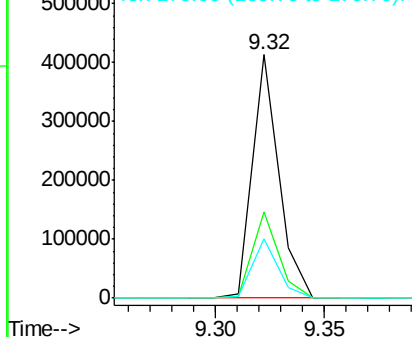
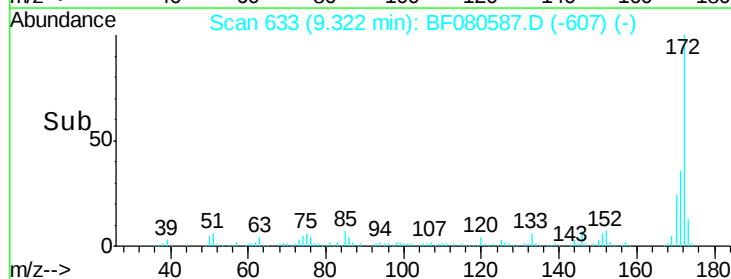


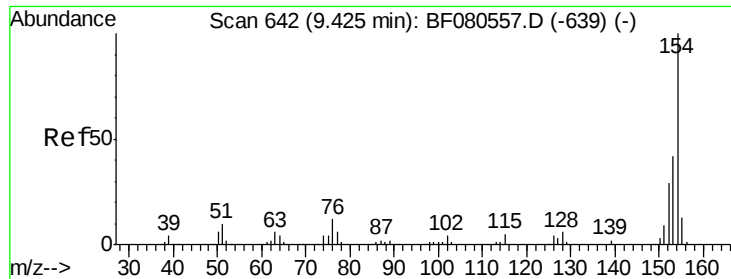
#44
 2-Fluorobiphenyl
 Concen: 81.35 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:	172	Resp:	347445
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.7	41.5
170	24.2	19.1	28.7



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

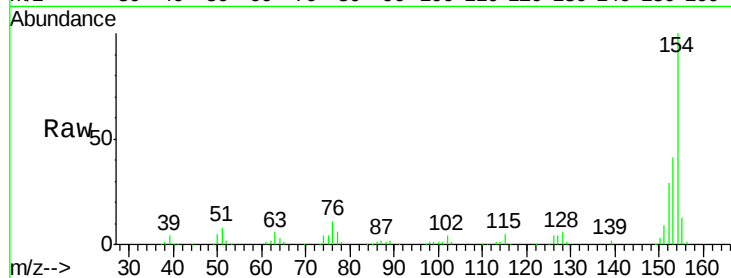




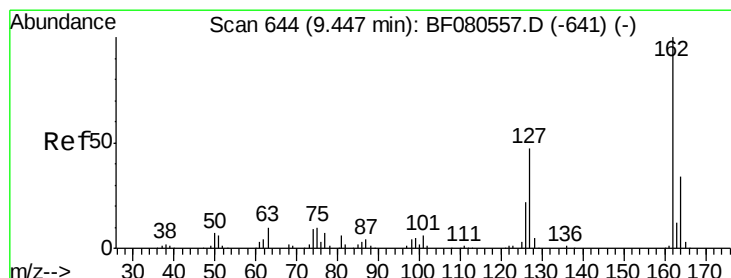
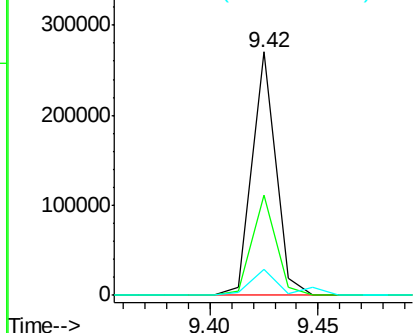
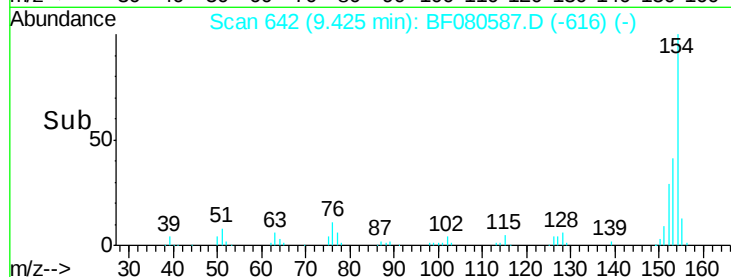
#45
 1,1'-Biphenyl
 Concen: 39.88 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.8	61.8
76	10.7	0.0	32.1

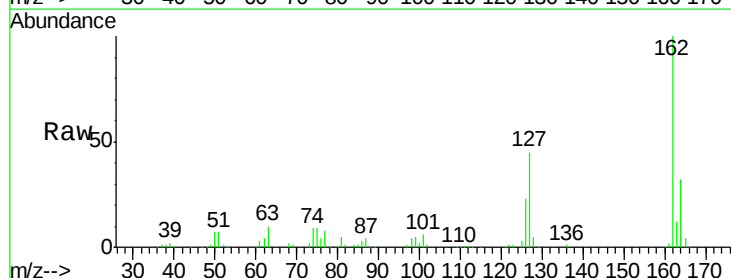


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

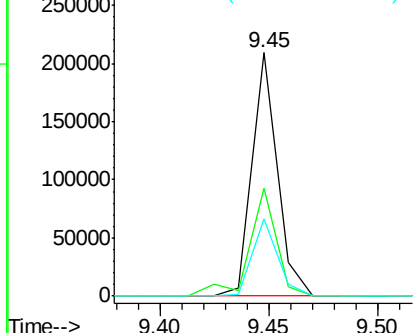
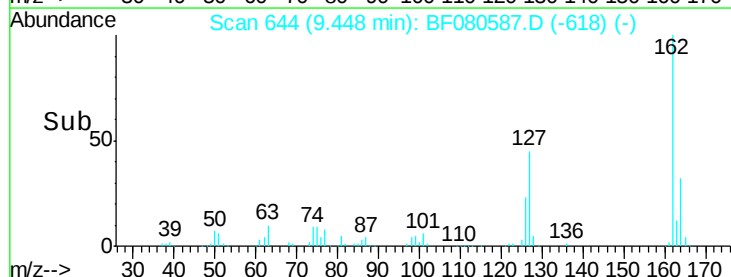


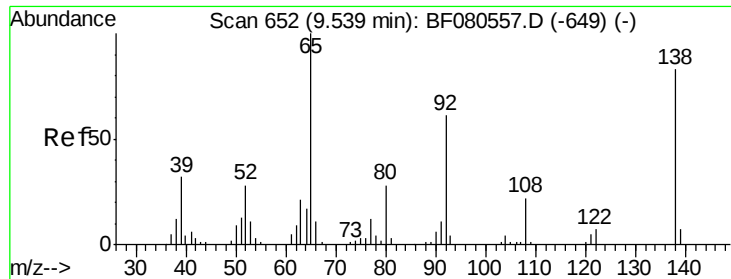
#46
 2-Chloronaphthalene
 Concen: 41.29 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.5	37.6	56.4
164	31.6	27.4	41.0



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

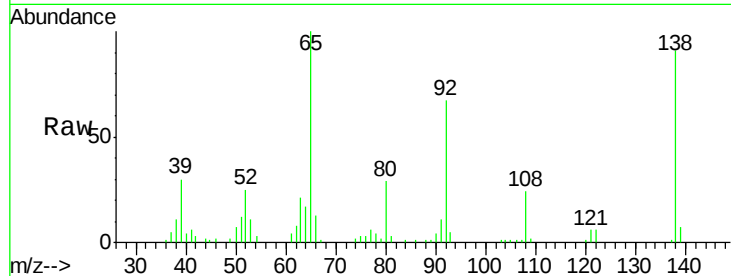




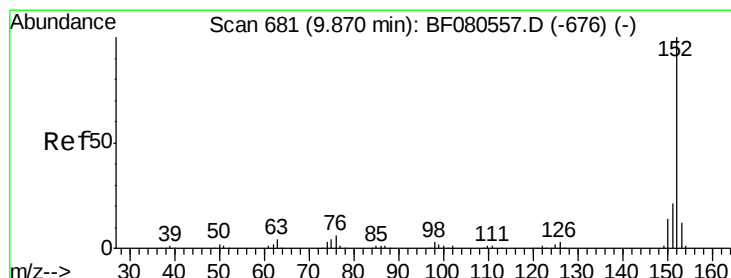
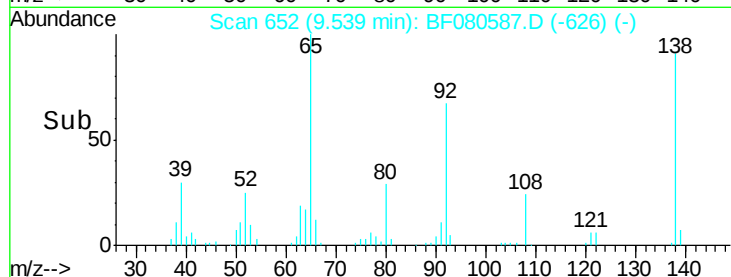
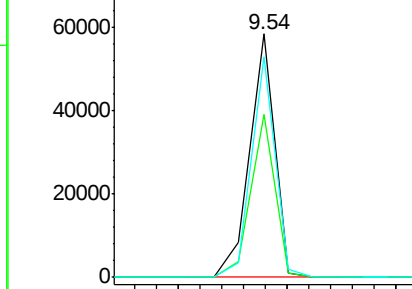
#47
2-Nitroaniline
Concen: 48.67 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 46686
Ion Ratio Lower Upper
65 100
92 66.7 48.7 73.1
138 90.6 66.8 100.2

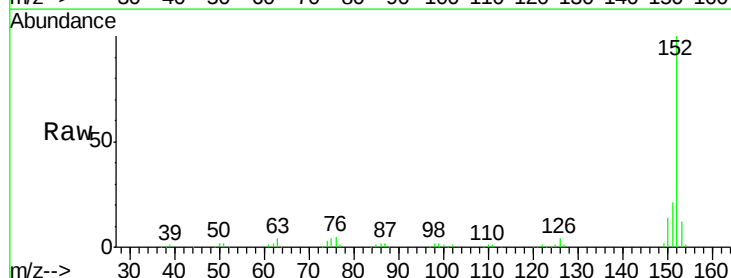


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

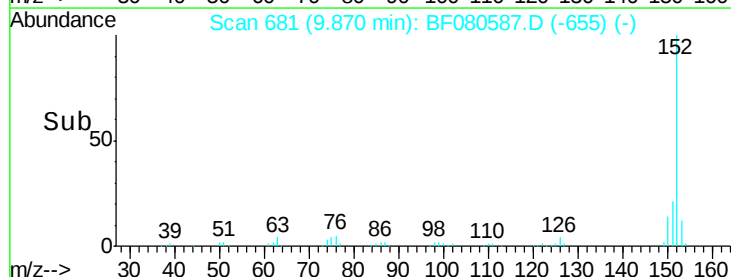
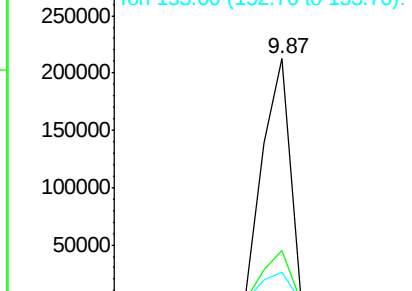


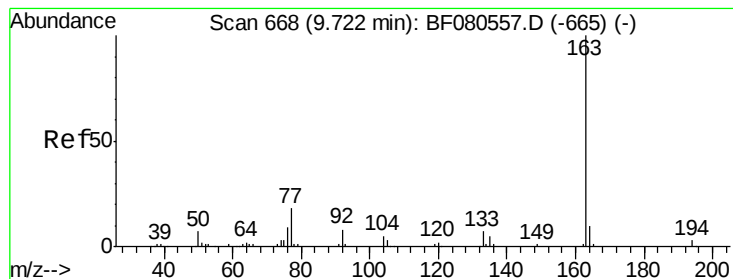
#48
Acenaphthylene
Concen: 40.74 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion: 152 Resp: 243152
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 12.1 9.7 14.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.77 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

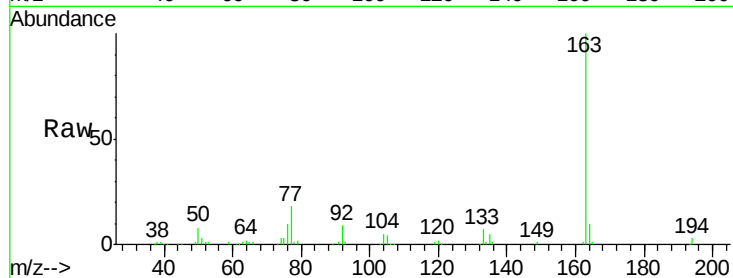
Tgt Ion:163 Resp: 188776

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

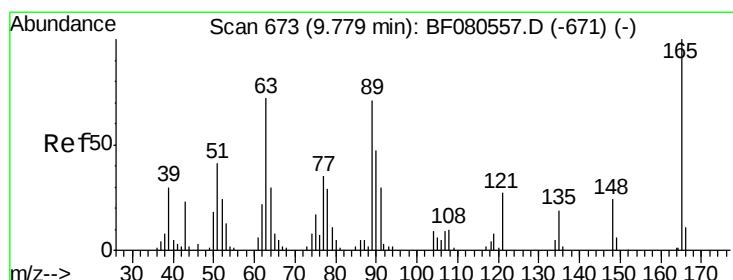
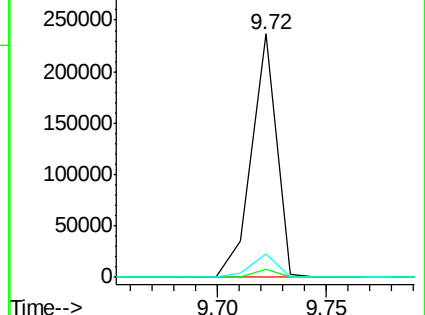
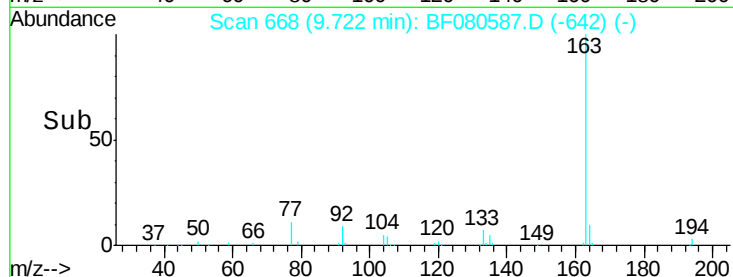
164 9.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.24 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

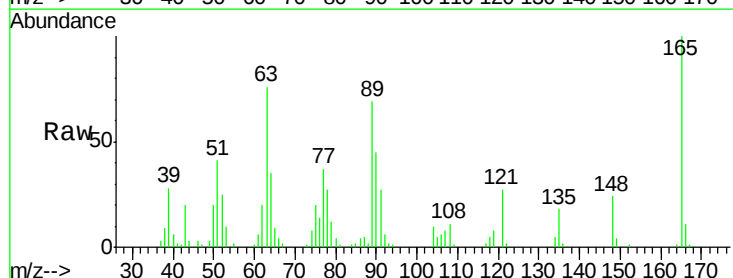
Tgt Ion:165 Resp: 34881

Ion Ratio Lower Upper

165 100

63 76.2 59.0 88.6

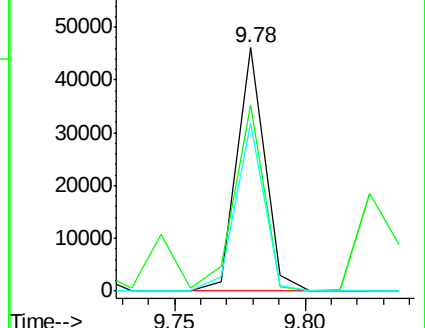
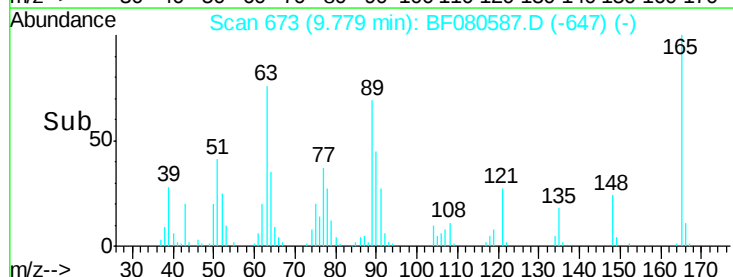
89 68.8 56.9 85.3

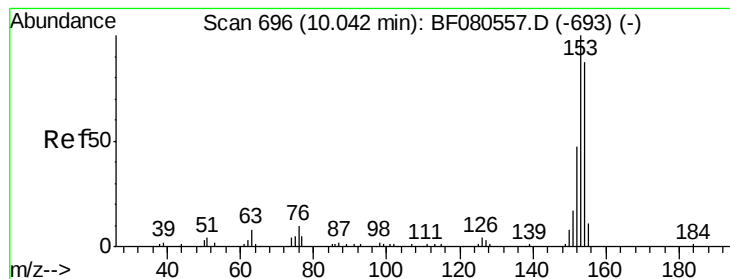


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.61 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

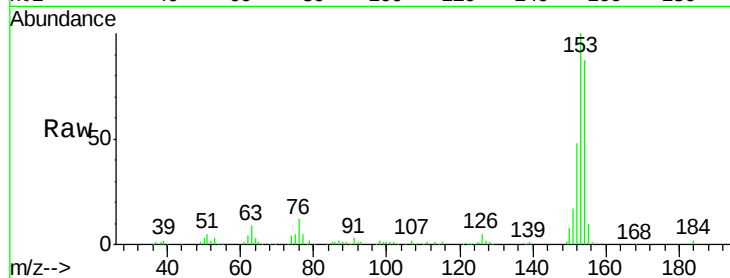
Tgt Ion:154 Resp: 142364

Ion Ratio Lower Upper

154 100

153 114.9 92.2 138.2

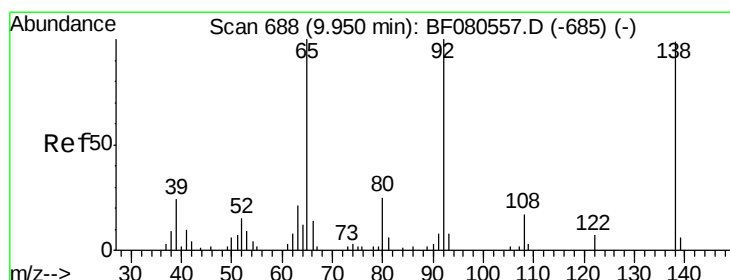
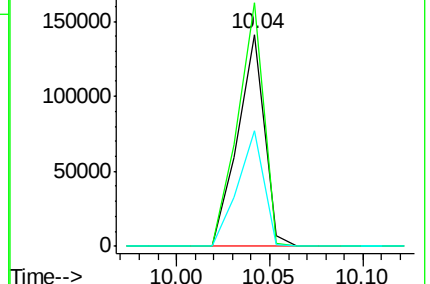
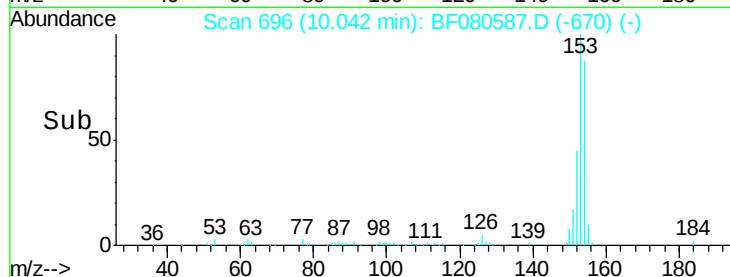
152 54.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.23 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

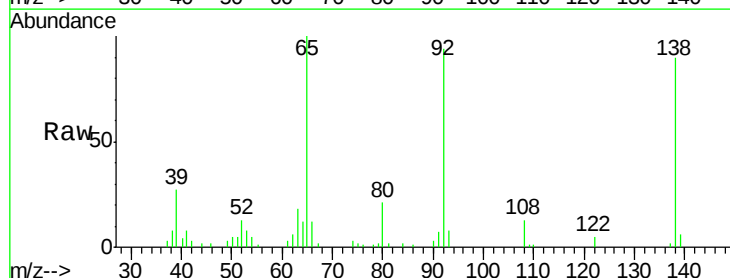
Tgt Ion:138 Resp: 33889

Ion Ratio Lower Upper

138 100

108 14.2 13.7 20.5

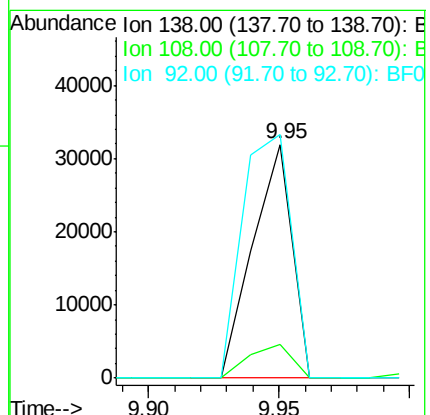
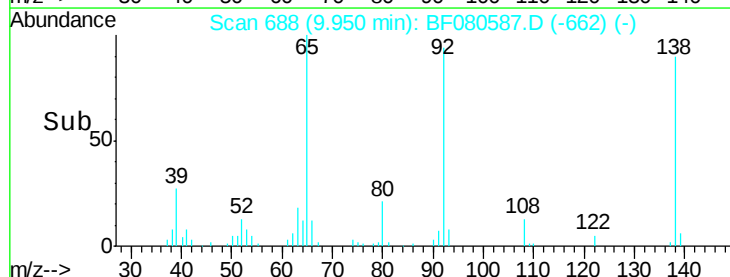
92 104.1 81.0 121.4

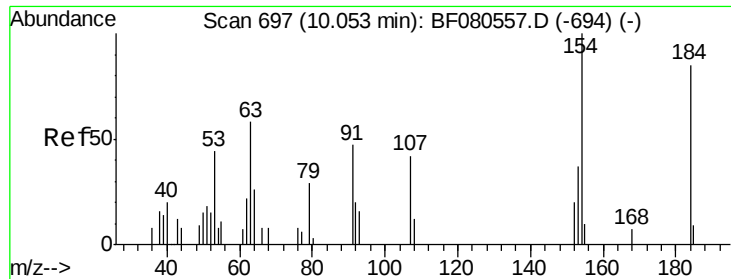


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

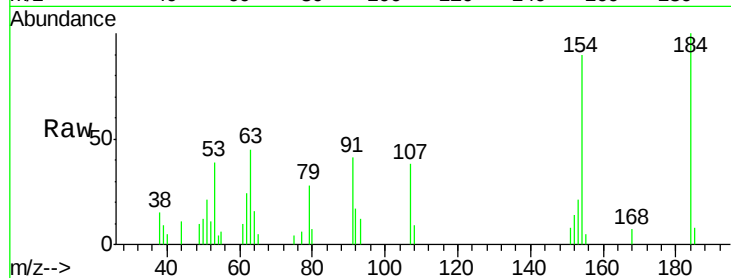




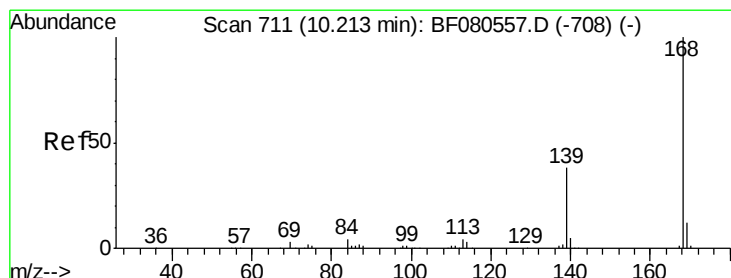
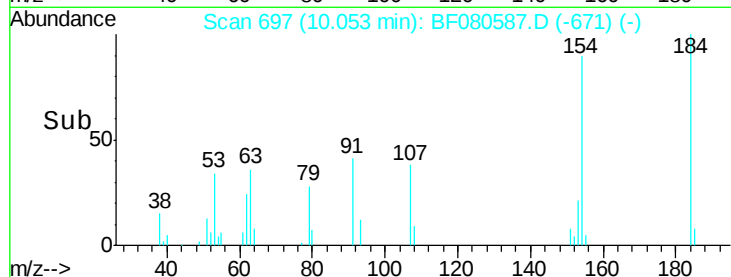
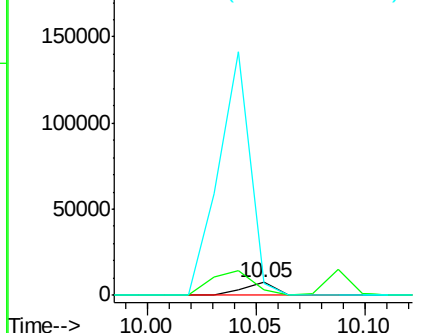
#53
2,4-Dinitrophenol
Concen: 60.55 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 7789
Ion Ratio Lower Upper
184 100
63 45.4 54.9 82.3#
154 89.6 94.2 141.4#

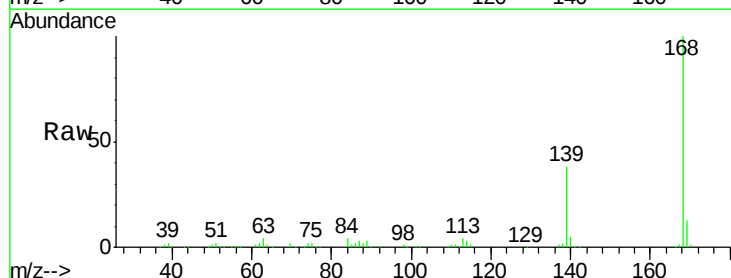


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

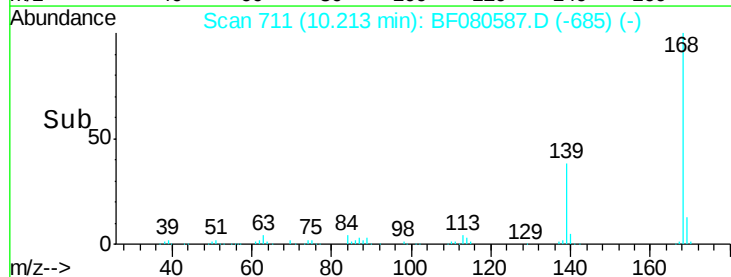
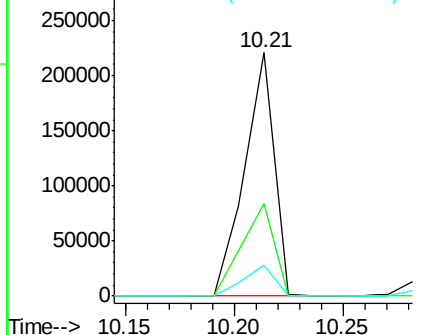


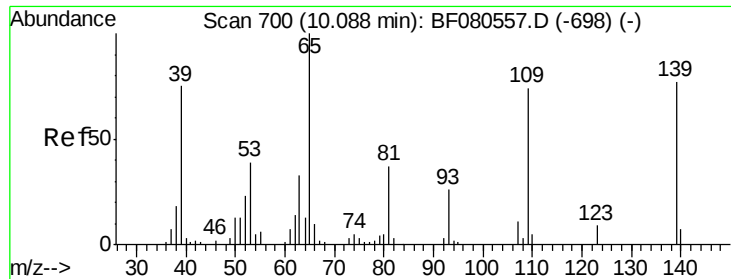
#54
Dibenzofuran
Concen: 40.61 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:168 Resp: 209137
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1
169 12.8 9.8 14.8



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

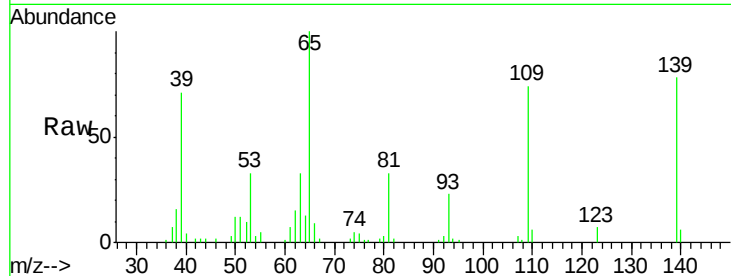




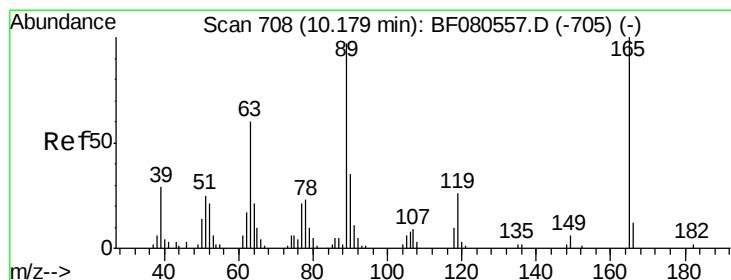
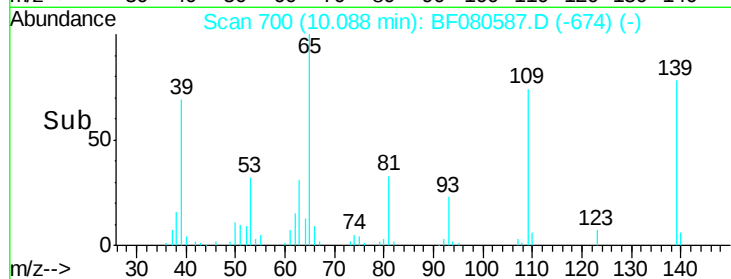
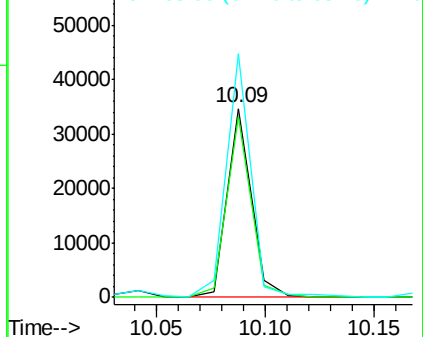
#55
4-Nitrophenol
Concen: 47.46 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 26916
Ion Ratio Lower Upper
139 100
109 95.8 75.9 115.9
65 129.0 109.4 149.4



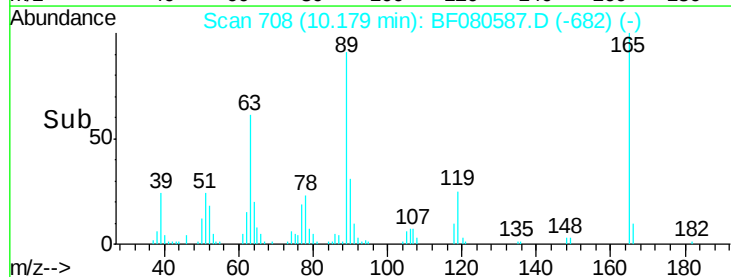
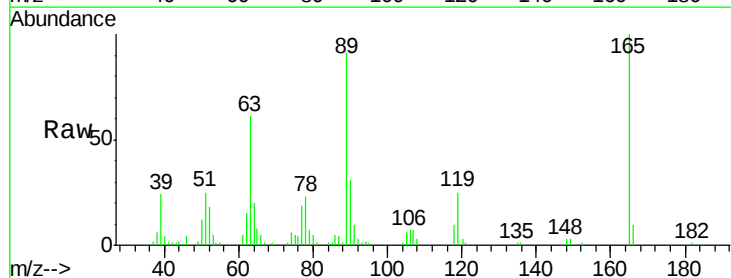
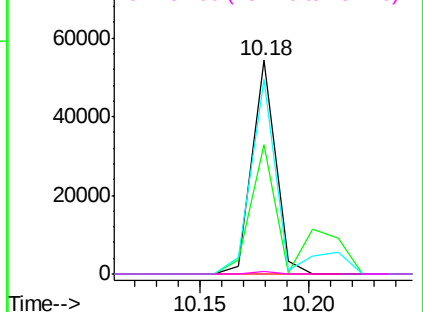
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

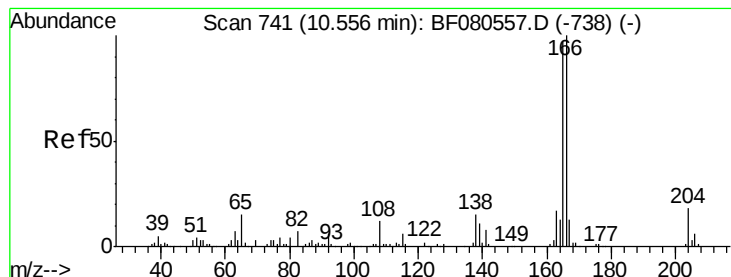


#56
2,4-Dinitrotoluene
Concen: 49.63 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:165 Resp: 40889
Ion Ratio Lower Upper
165 100
63 60.7 48.1 72.1
89 91.0 77.4 116.0
182 1.5 1.3 1.9

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: 41.35 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

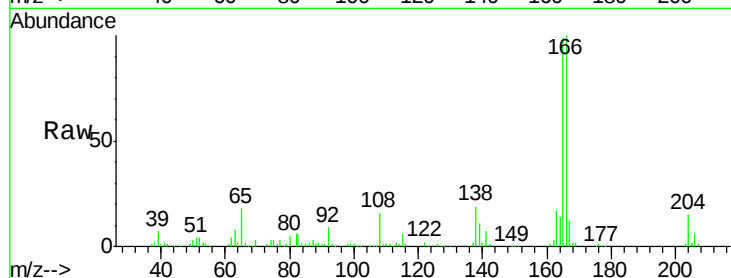
Tgt Ion:166 Resp: 170171

Ion Ratio Lower Upper

166 100

165 99.3 77.7 116.5

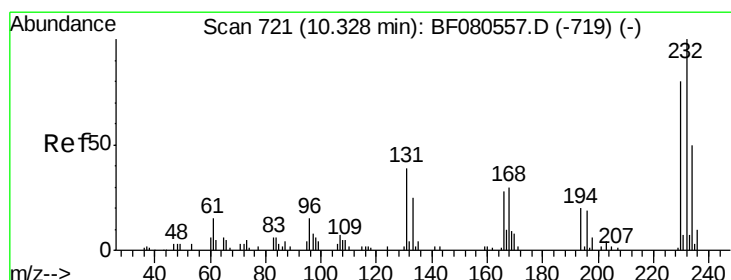
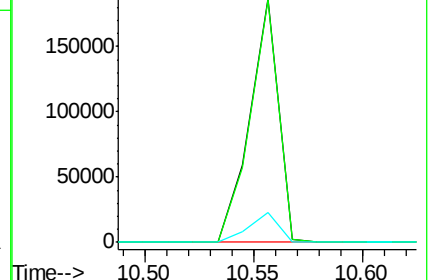
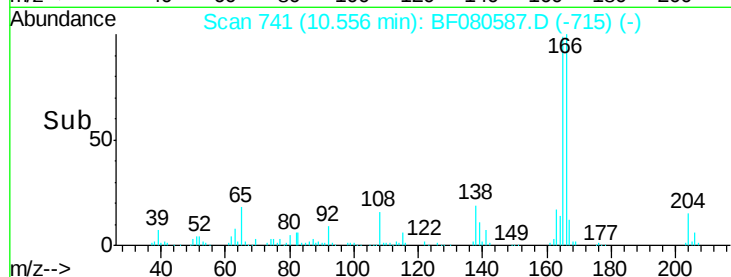
167 12.4 10.5 15.7



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: 42.20 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Tgt Ion:232 Resp: 37230

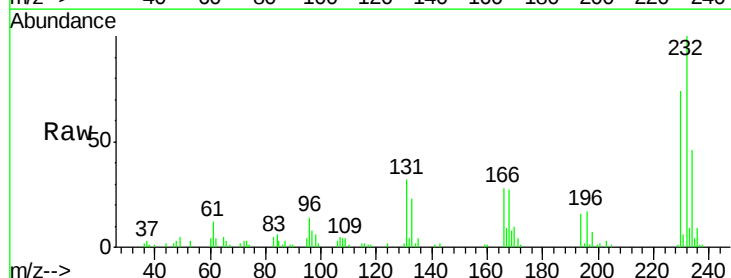
Ion Ratio Lower Upper

232 100

131 50.5 41.4 62.0

130 2.7 1.9 2.9

166 35.1 25.7 38.5

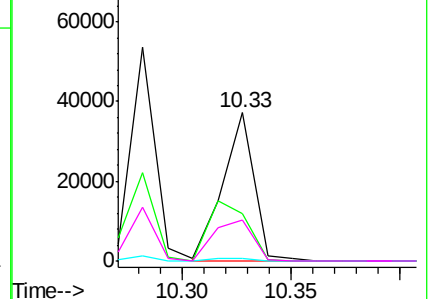
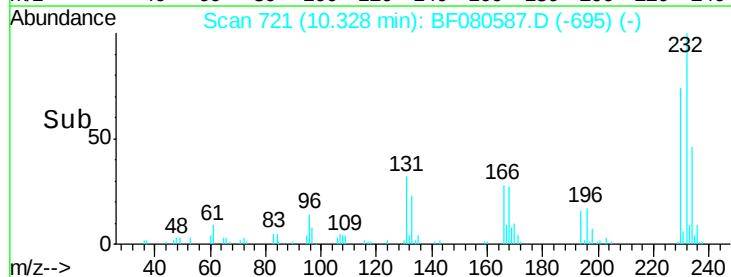


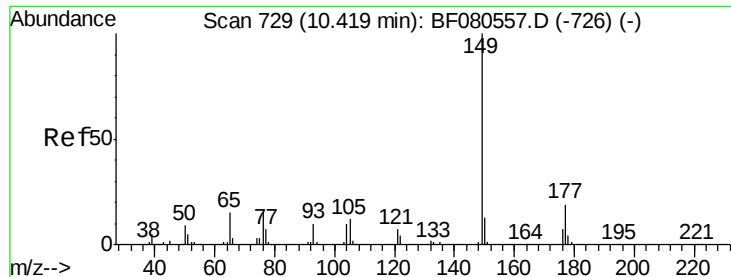
Abundance Ion 232.00 (231.70 to 232.70): E

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

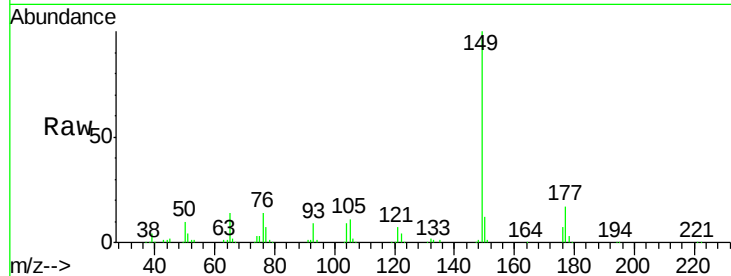




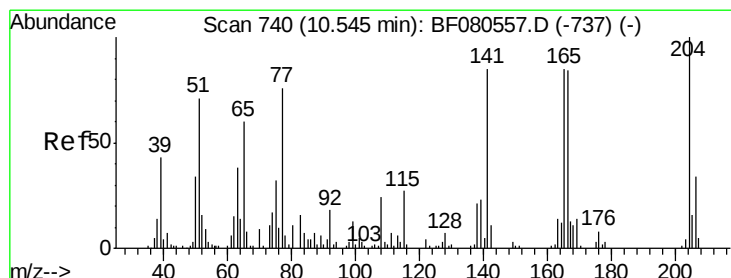
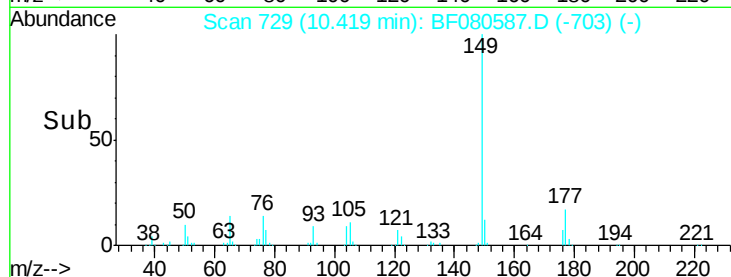
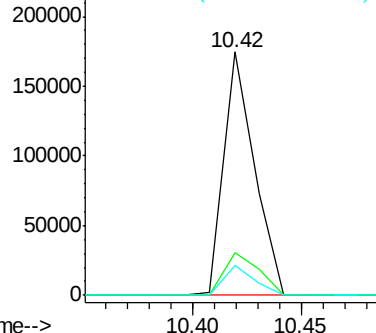
#59
Diethylphthalate
Concen: 42.88 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 170661
Ion Ratio Lower Upper
149 100
177 17.5 14.9 22.3
150 12.4 10.0 15.0

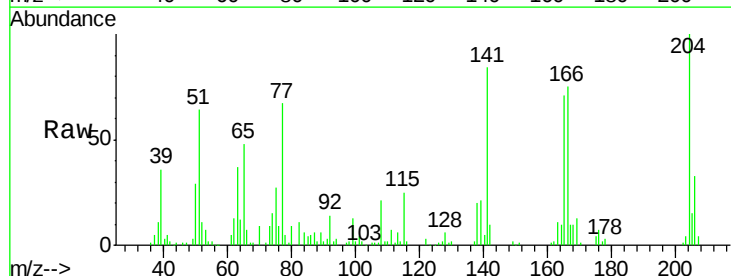


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

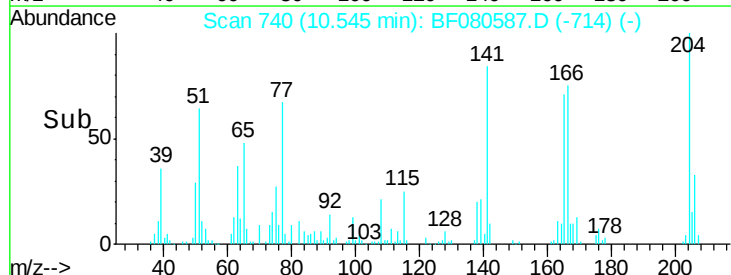
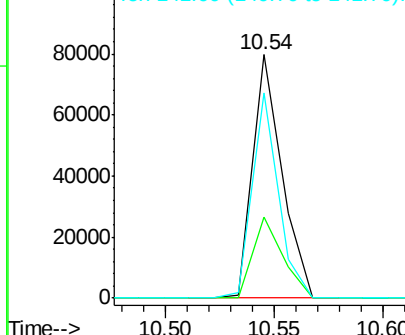


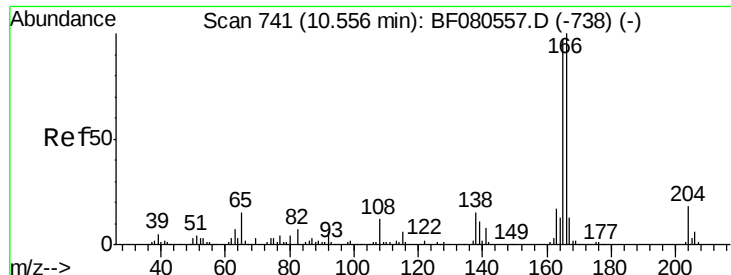
#60
4-Chlorophenyl-phenylether
Concen: 41.97 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:204 Resp: 74483
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 84.3 68.3 102.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

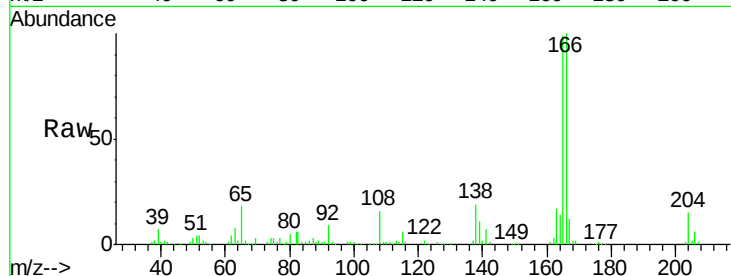




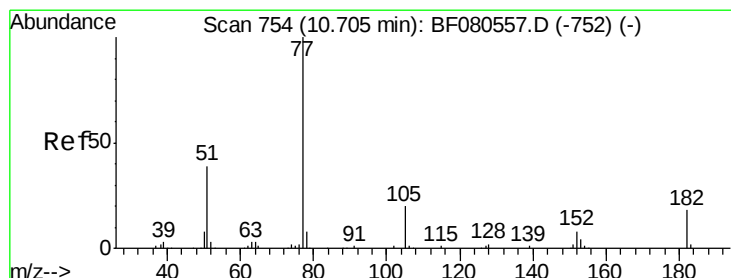
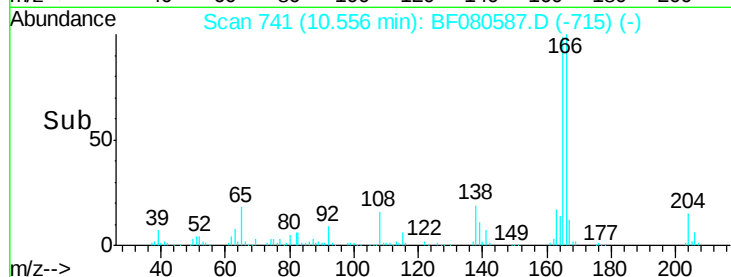
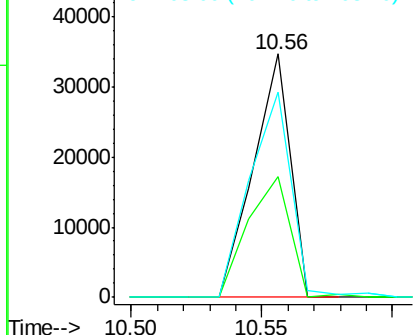
#61
4-Nitroaniline
Concen: 43.28 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 34480
Ion Ratio Lower Upper
138 100
92 49.6 22.6 62.6
108 84.3 62.0 102.0

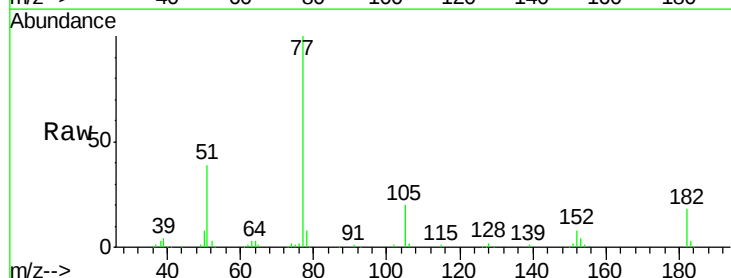


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

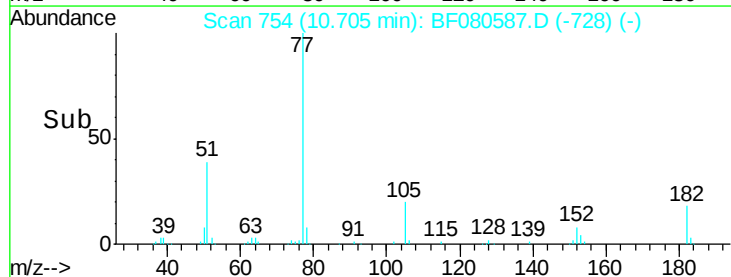
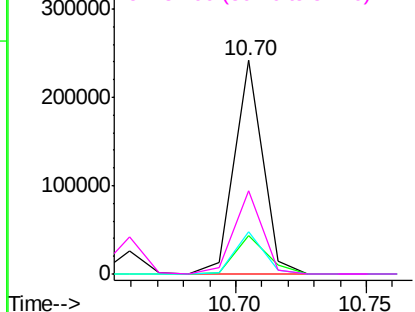


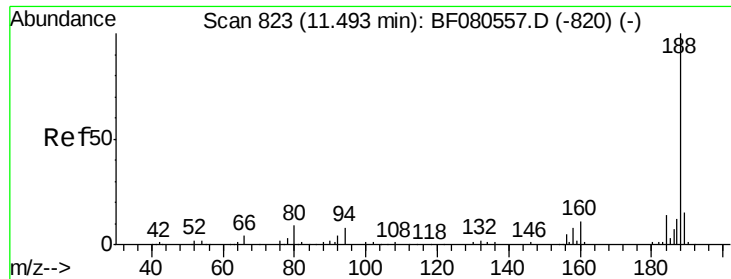
#62
Azobenzene
Concen: 42.13 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion: 77 Resp: 184676
Ion Ratio Lower Upper
77 100
182 18.0 0.0 37.8
105 19.8 0.1 40.1
51 38.8 18.8 58.8



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

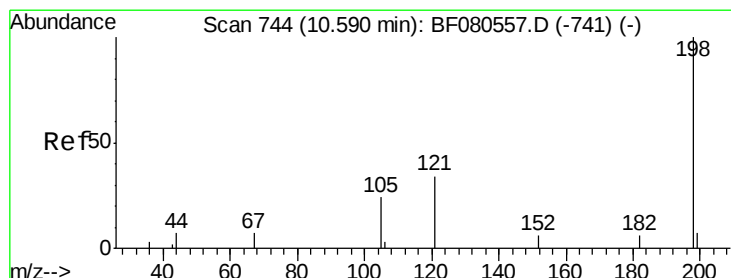
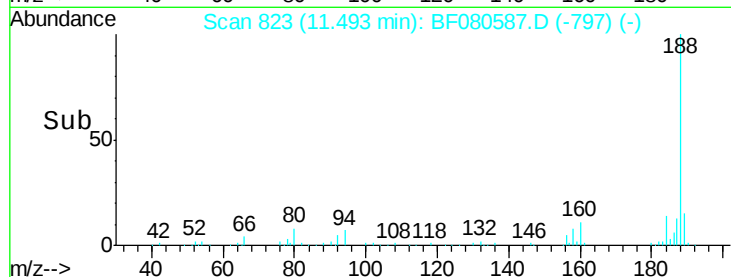
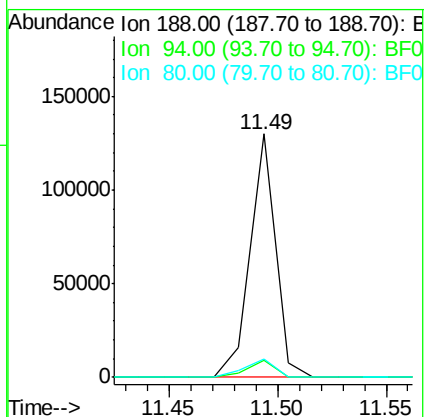
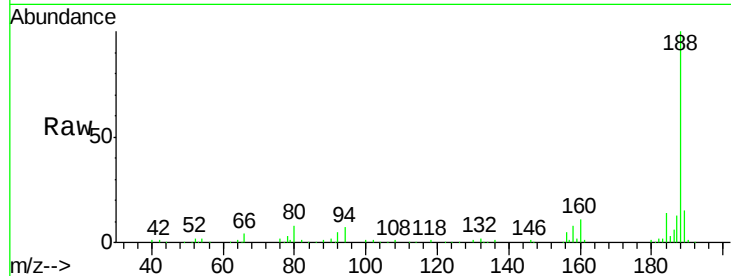




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

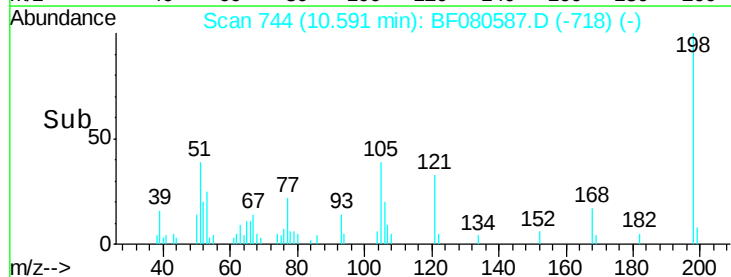
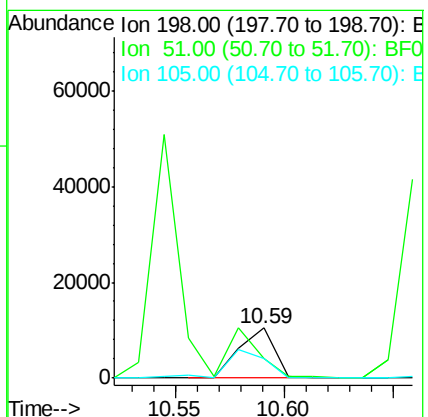
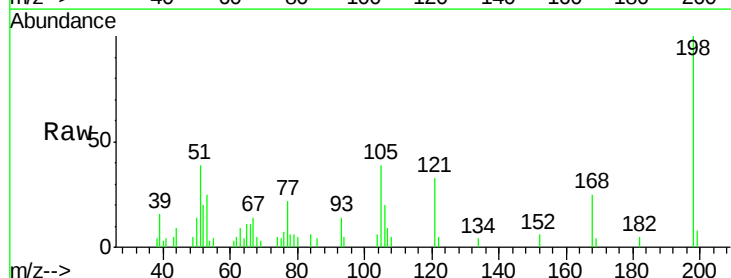
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

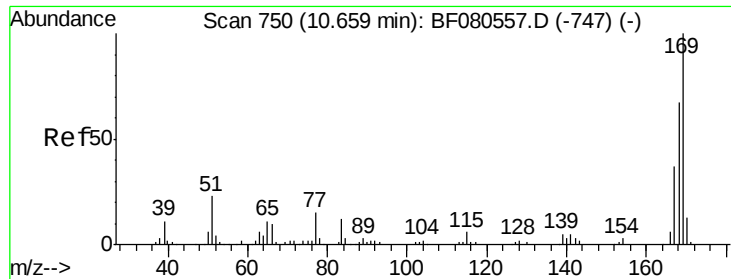
Tgt Ion:188 Resp: 105417
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 7.6 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 56.14 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:198 Resp: 11759
Ion Ratio Lower Upper
198 100
51 39.3 32.0 72.0
105 38.6 16.3 56.3

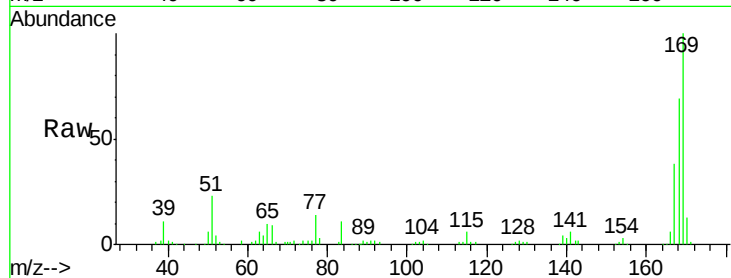




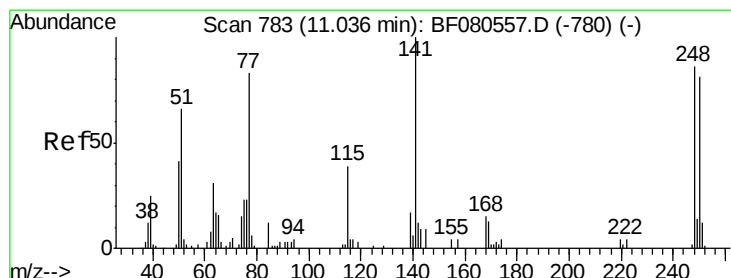
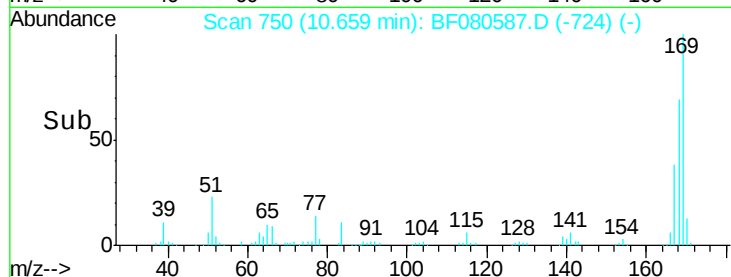
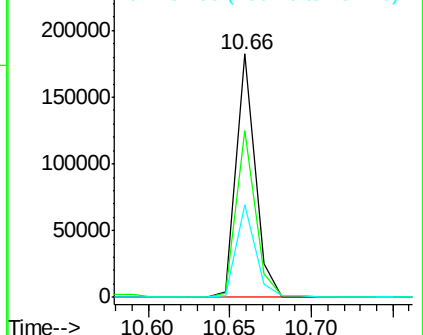
#65
 n-Nitrosodiphenylamine
 Concen: 41.84 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 145408
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.3 79.9
 167 37.8 29.8 44.6

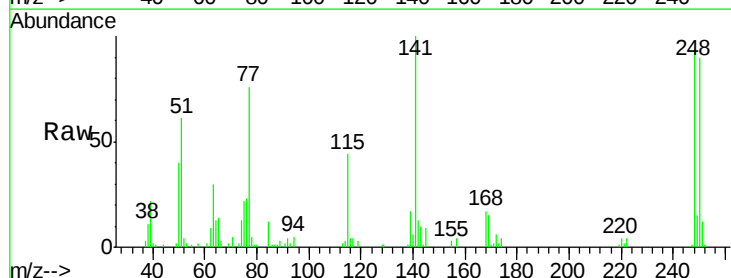


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

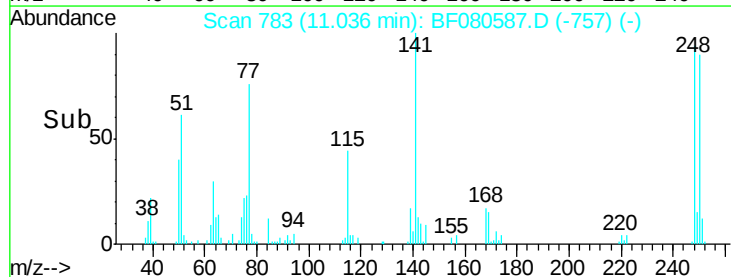
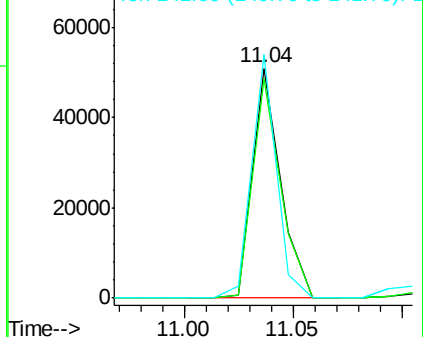


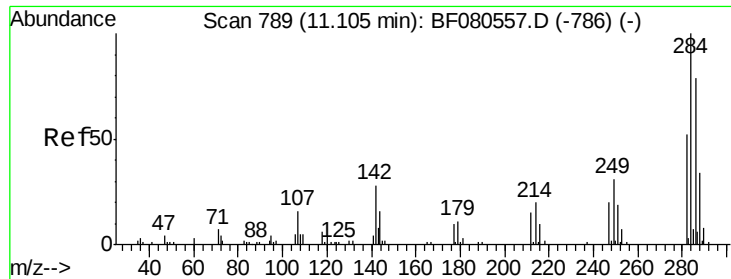
#66
 4-Bromophenyl-phenylether
 Concen: 44.63 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:248 Resp: 45277
 Ion Ratio Lower Upper
 248 100
 250 95.5 75.4 113.2
 141 106.0 93.4 140.0



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

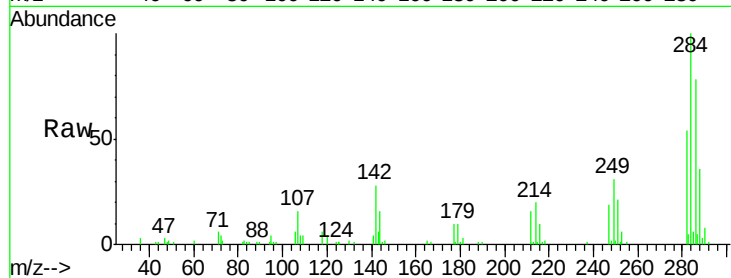




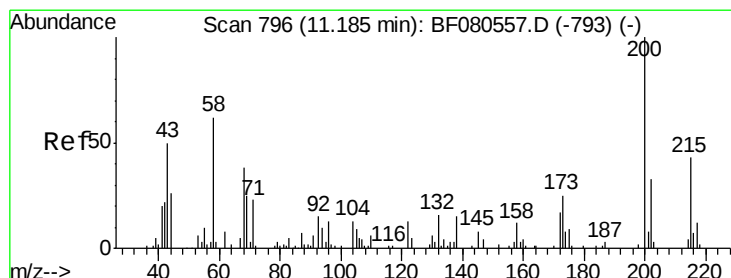
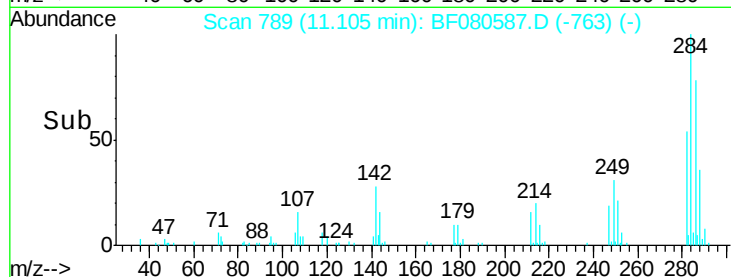
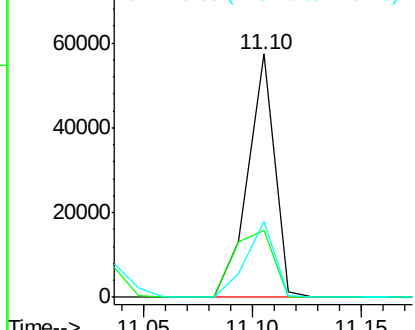
#67
Hexachlorobenzene
Concen: 42.81 ng
RT: 11.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 49341
Ion Ratio Lower Upper
284 100
142 27.7 22.4 33.6
249 31.2 25.0 37.4

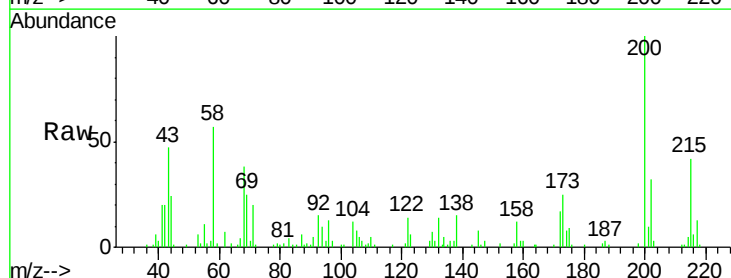


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

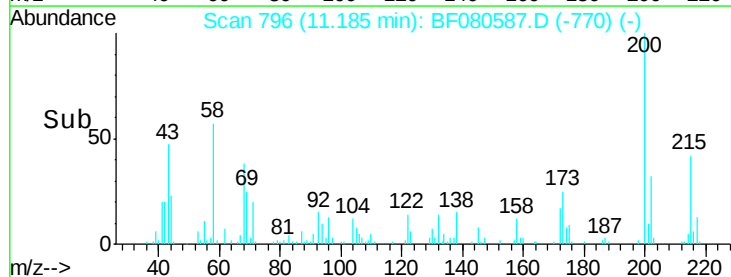
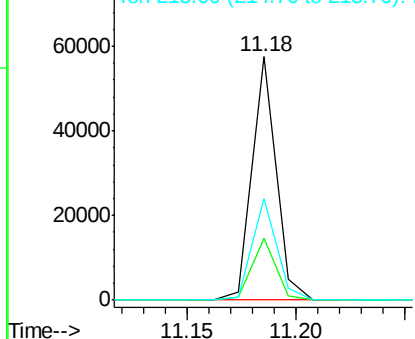


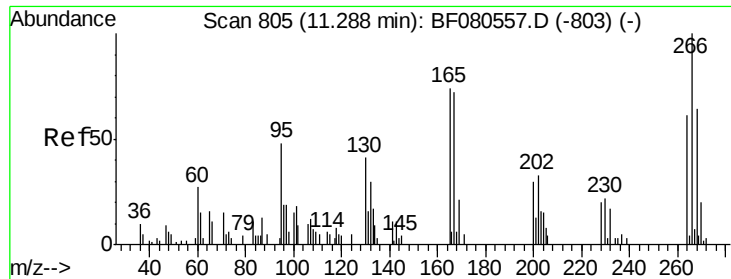
#68
Atrazine
Concen: 47.30 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:200 Resp: 44104
Ion Ratio Lower Upper
200 100
173 25.5 4.6 44.6
215 41.9 22.9 62.9



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

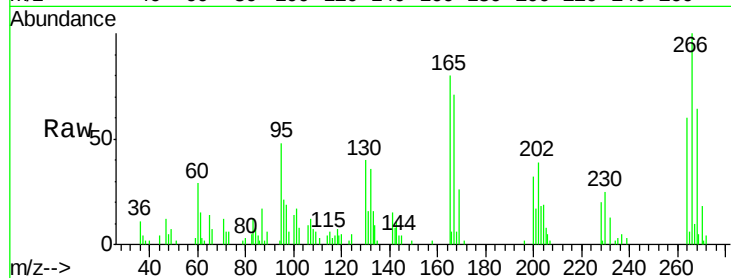




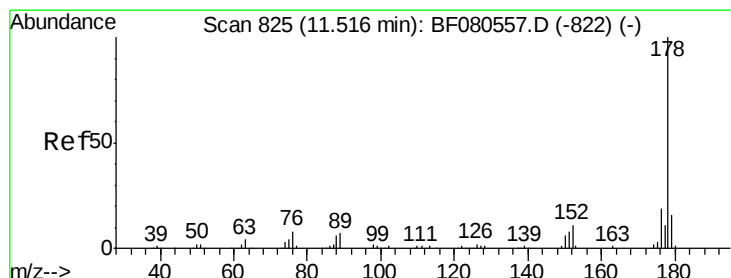
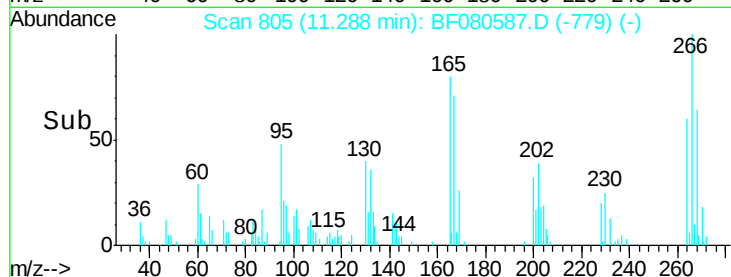
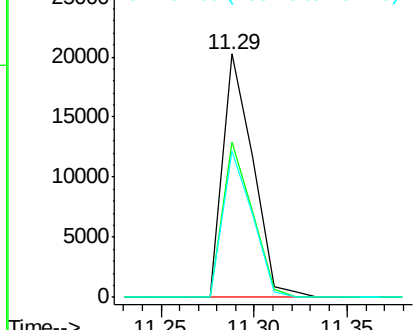
#69
 Pentachlorophenol
 Concen: 49.85 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 22810
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.5 77.3
 264 60.3 48.8 73.2

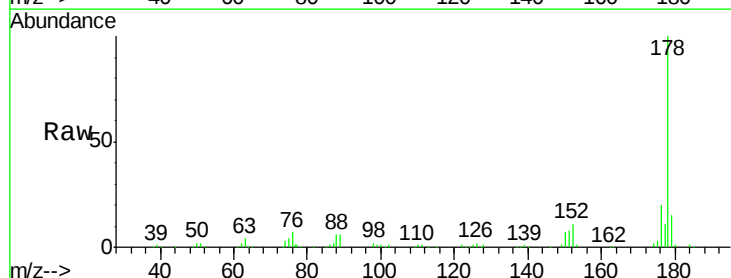


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

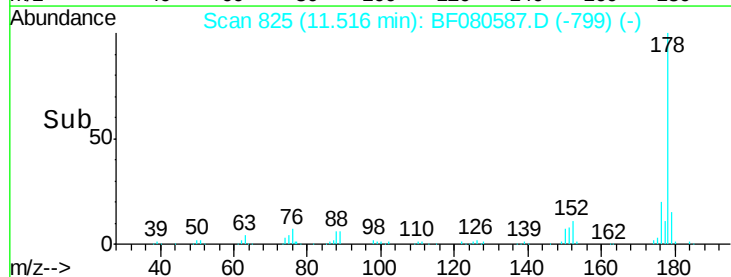
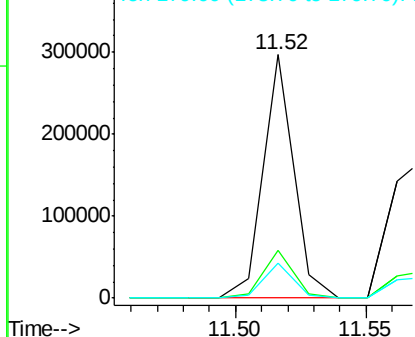


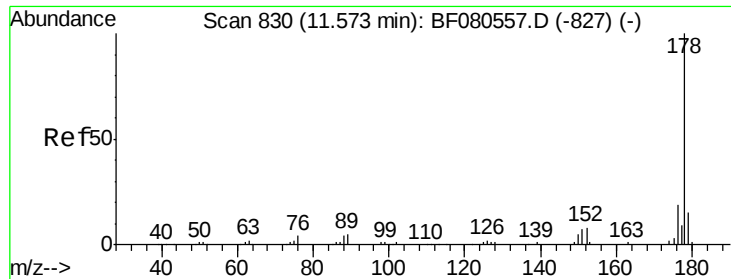
#70
 Phenanthrene
 Concen: 40.23 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:178 Resp: 240718
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 14.5 12.5 18.7



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

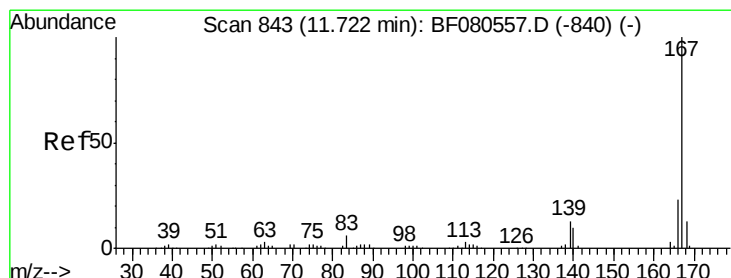
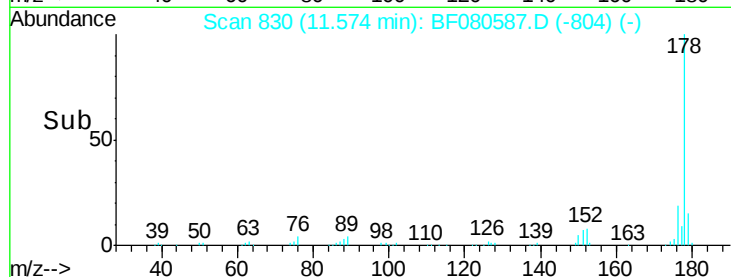
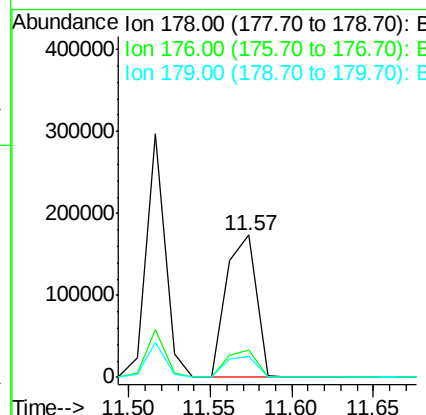
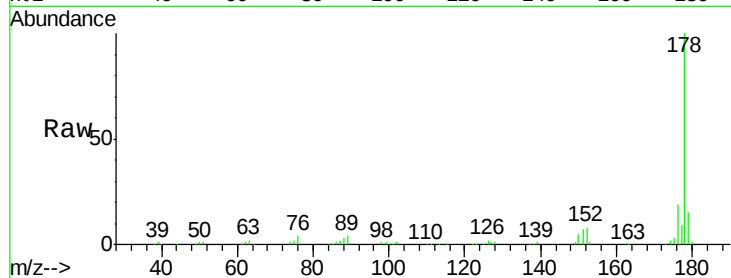




#71
 Anthracene
 Concen: 39.77 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

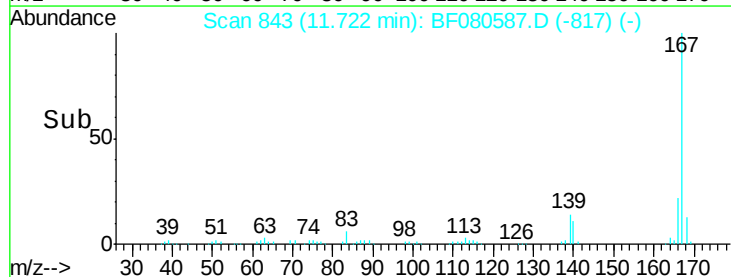
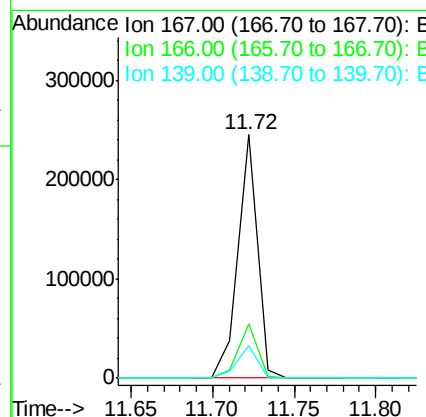
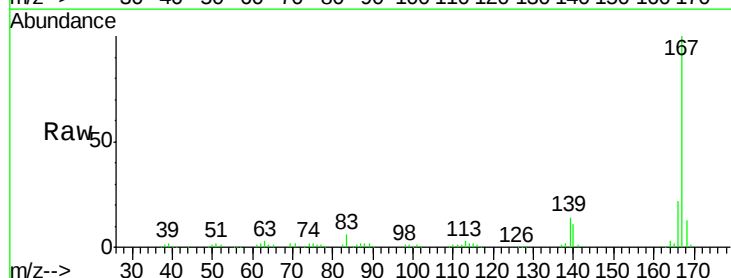
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

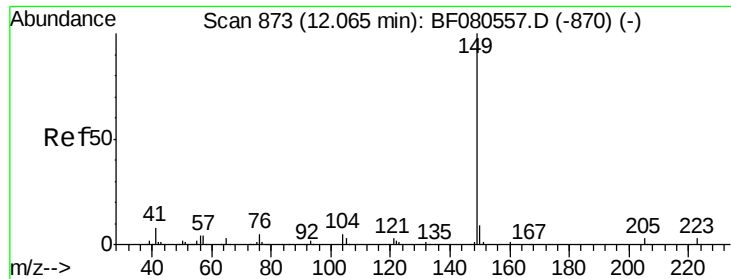
Tgt Ion:178 Resp: 220245
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 14.5 12.0 18.0



#72
 Carbazole
 Concen: 39.91 ng
 RT: 11.72 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion:167 Resp: 200205
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.6 10.7 16.1





#73

Di-n-butylphthalate

Concen: 44.61 ng

RT: 12.06 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

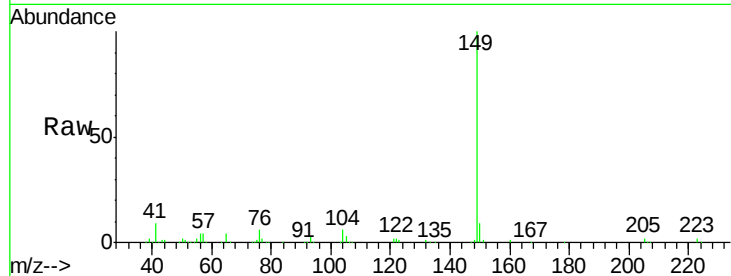
Tgt Ion:149 Resp: 260995

Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

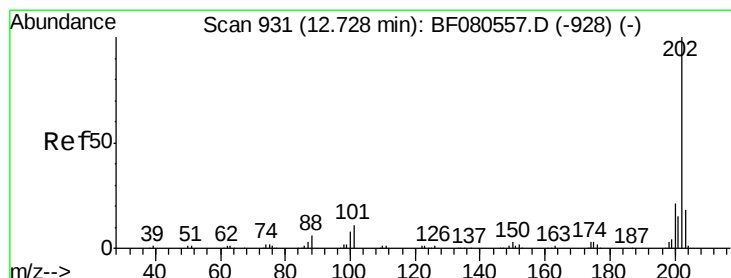
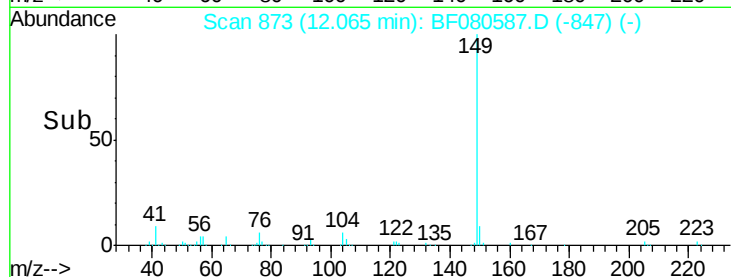
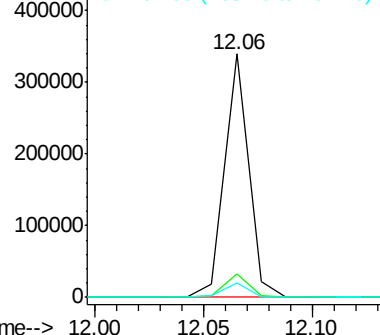
104 5.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.99 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

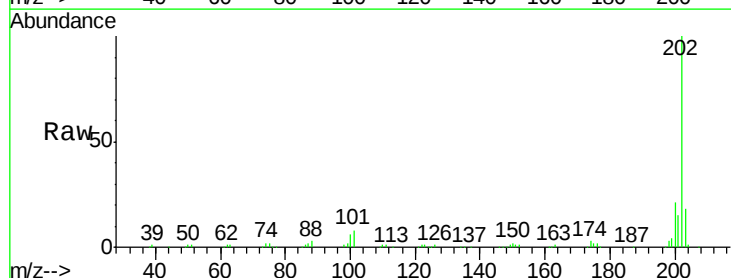
Tgt Ion:202 Resp: 216485

Ion Ratio Lower Upper

202 100

101 7.8 0.0 31.1

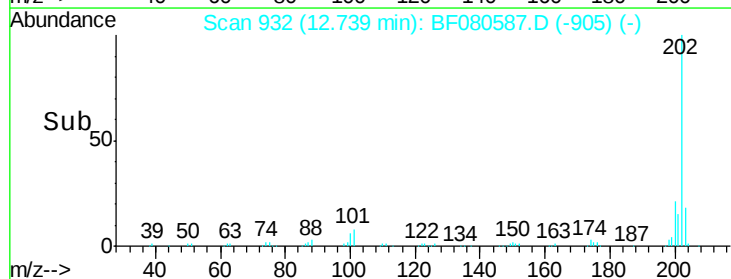
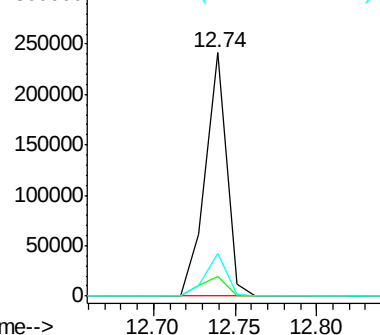
203 17.6 0.0 37.5

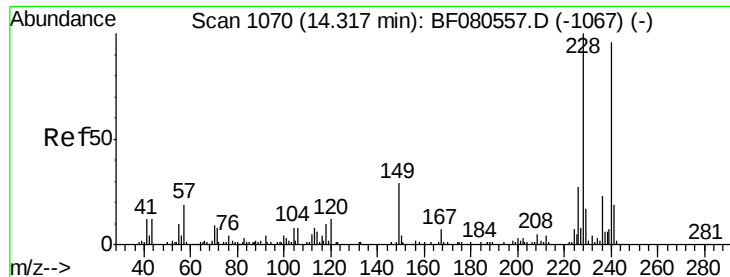


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.34 min Scan# 1072

Delta R.T. 0.02 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

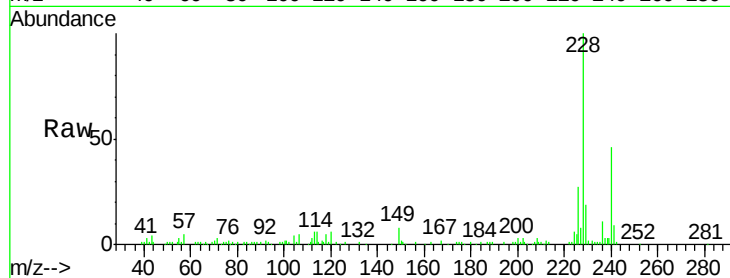
Tgt Ion:240 Resp: 68011

Ion Ratio Lower Upper

240 100

120 13.2 9.9 14.9

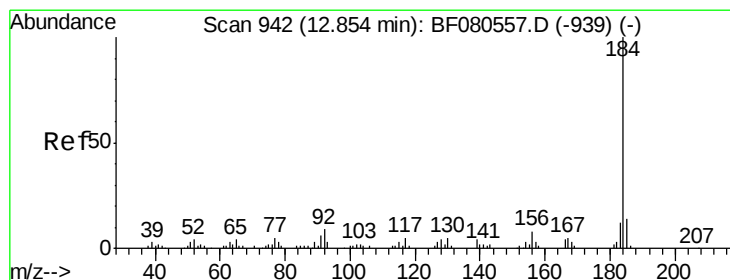
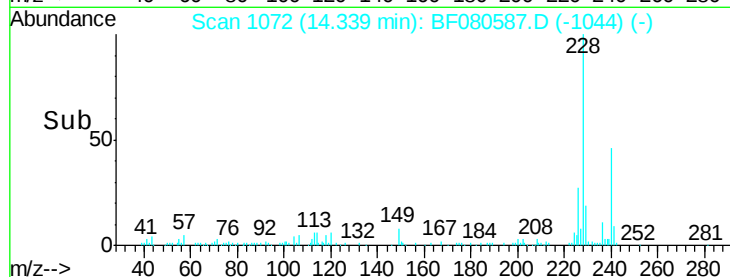
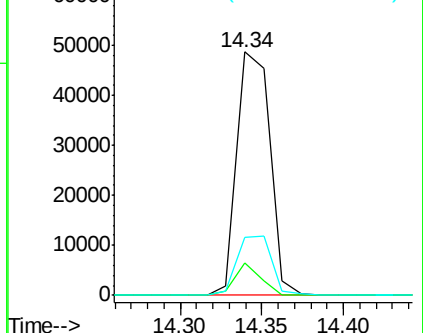
236 24.1 19.1 28.7



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: 48.72 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

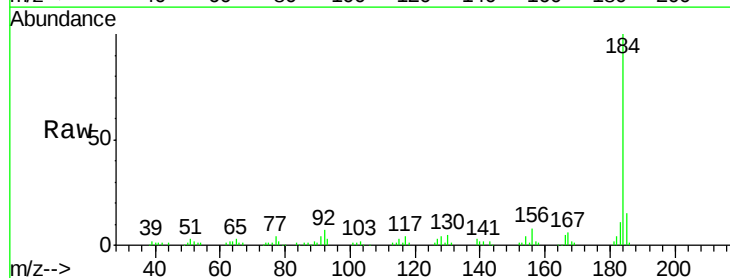
Tgt Ion:184 Resp: 98523

Ion Ratio Lower Upper

184 100

185 15.5 11.2 16.8

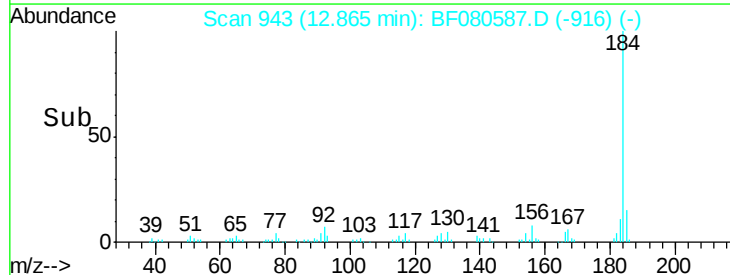
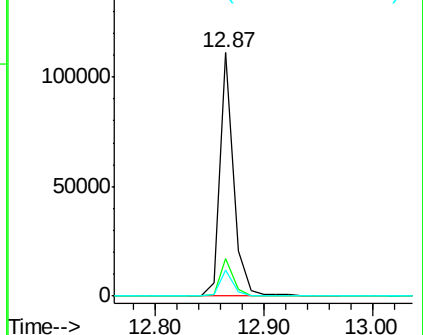
183 10.9 9.6 14.4

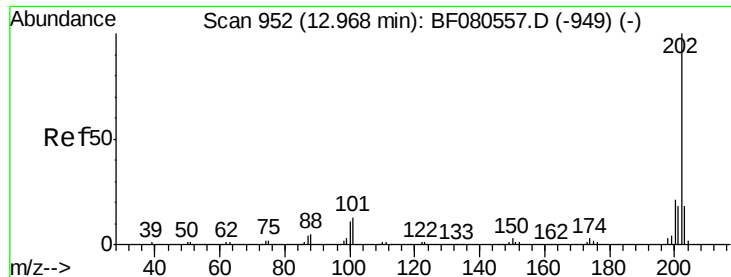


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

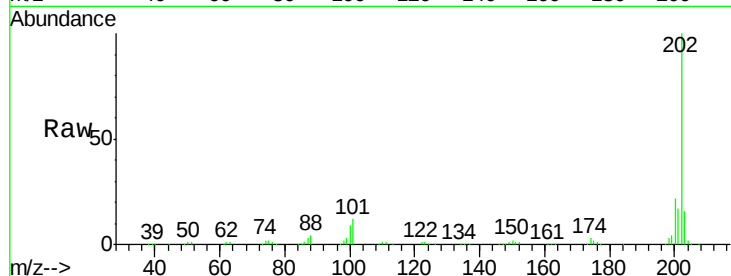




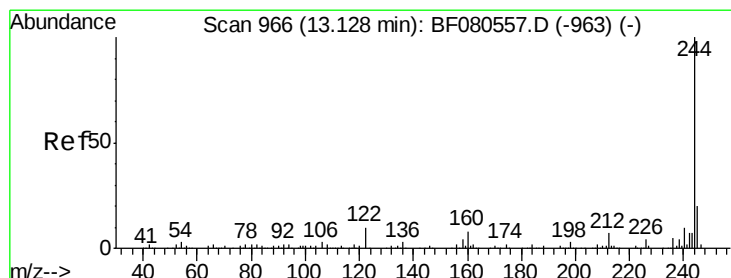
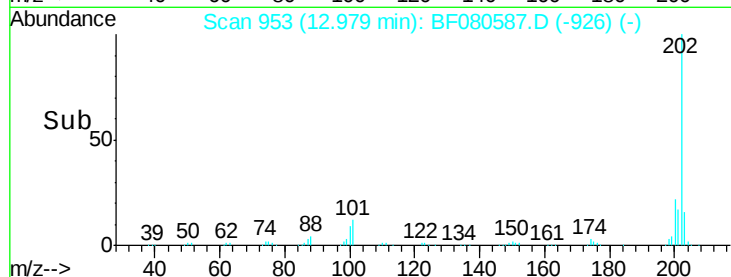
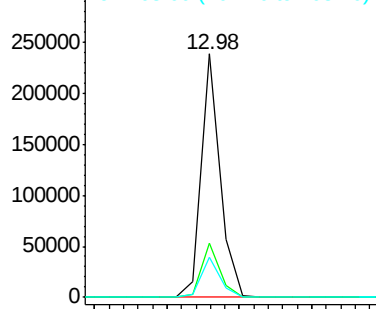
#77
 Pyrene
 Concen: 46.41 ng
 RT: 12.98 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	16.4	14.5	21.7

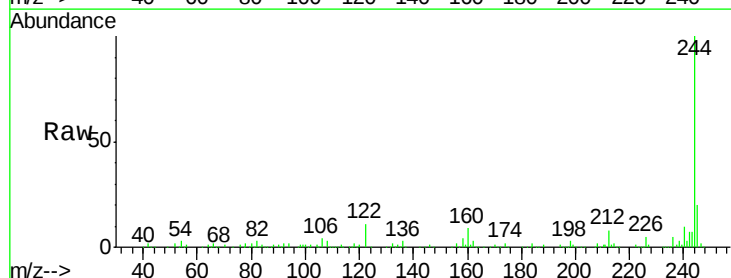


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

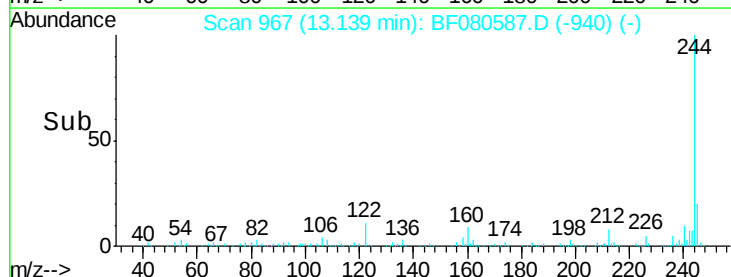
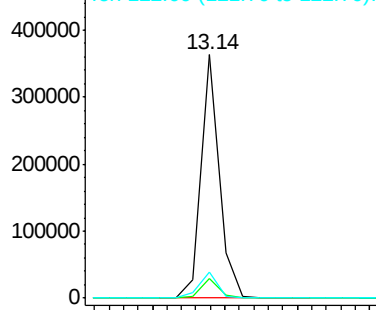


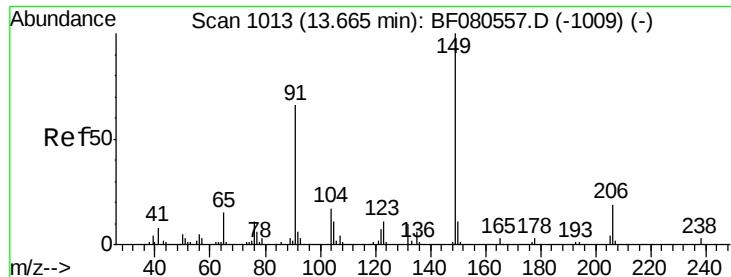
#78
 Terphenyl-d14
 Concen: 95.17 ng
 RT: 13.14 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	10.8	8.2	12.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

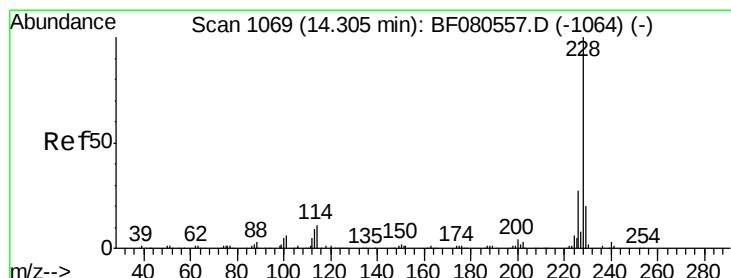
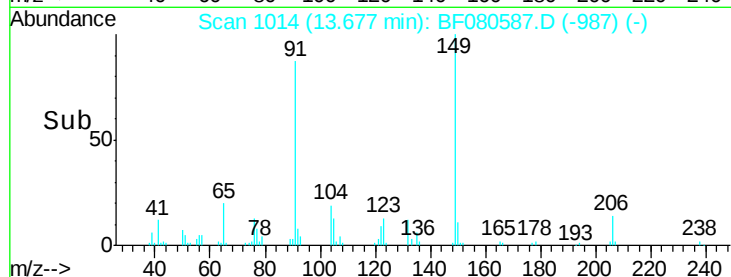
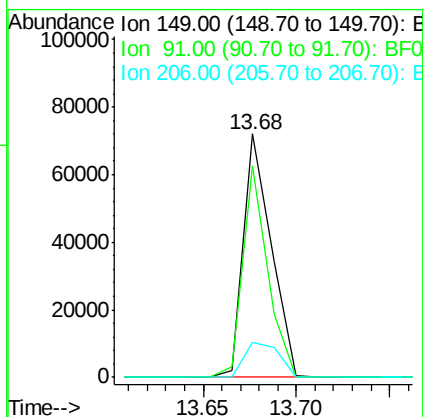
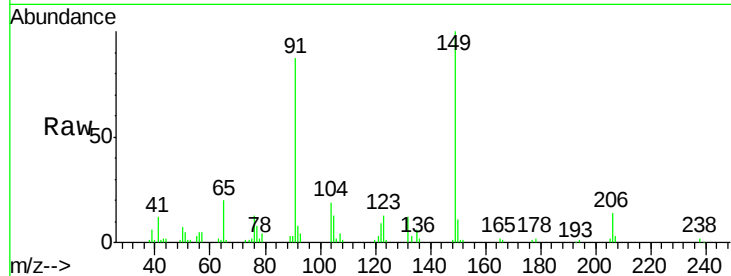




#79
Butylbenzylphthalate
Concen: 49.71 ng
RT: 13.68 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

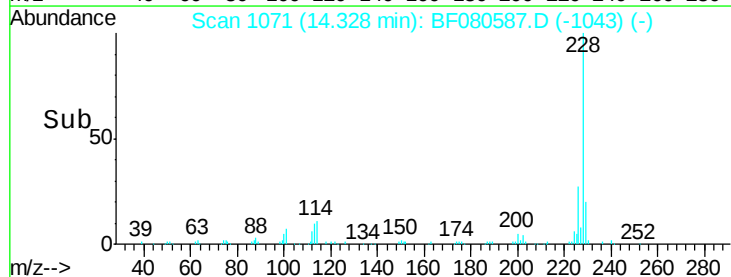
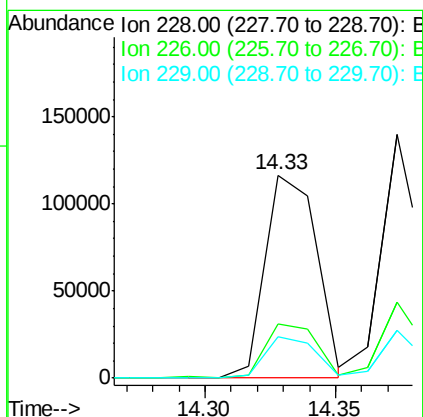
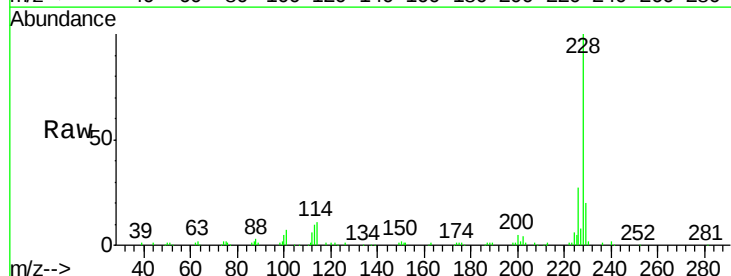
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

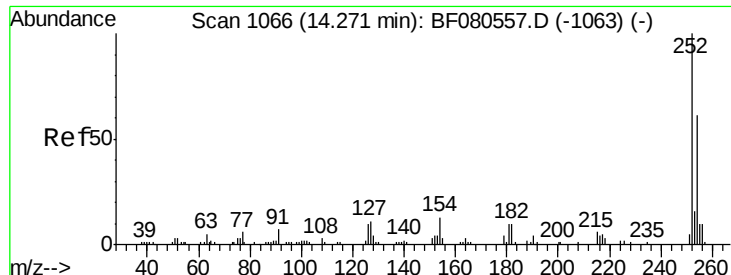
Tgt Ion:149 Resp: 74435
Ion Ratio Lower Upper
149 100
91 86.9 53.0 79.6#
206 14.5 15.0 22.6#



#80
Benzo(a)anthracene
Concen: 41.56 ng
RT: 14.33 min Scan# 1071
Delta R.T. 0.02 min
Lab File: BF080587.D
Acq: 23 Jul 2015 7:22

Tgt Ion:228 Resp: 160610
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 20.4 15.7 23.5

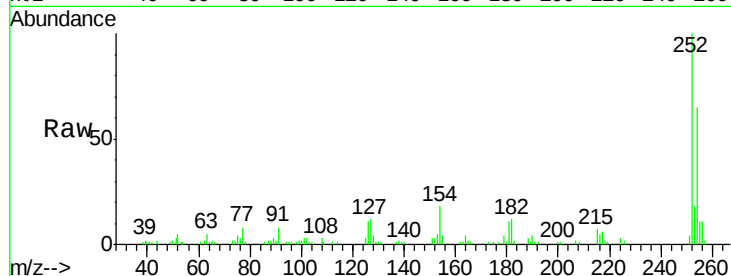




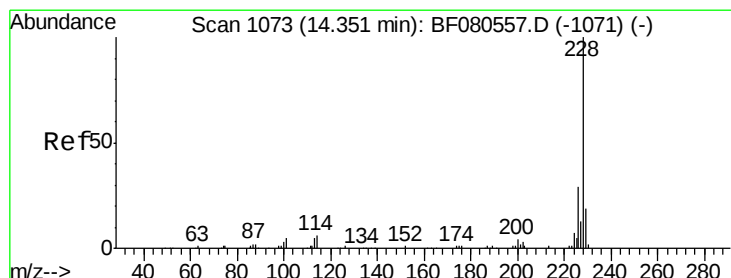
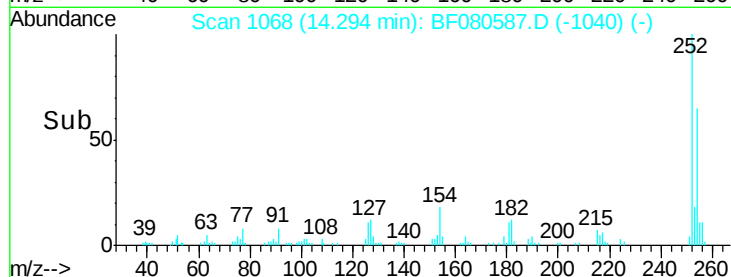
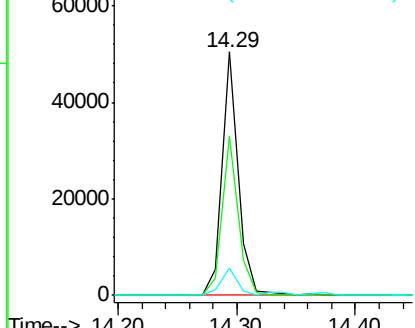
#81
 3,3'-Dichlorobenzidine
 Concen: 40.27 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. 0.02 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 47016
 Ion Ratio Lower Upper
 252 100
 254 65.2 49.2 73.8
 126 11.2 8.1 12.1

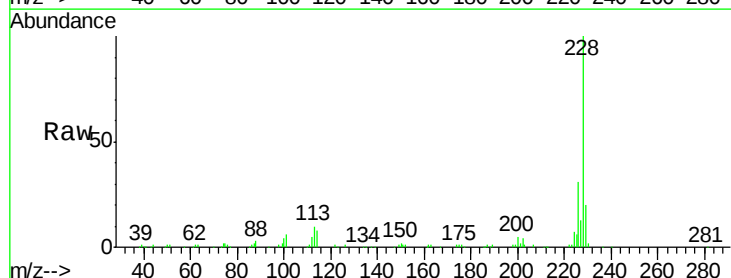


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

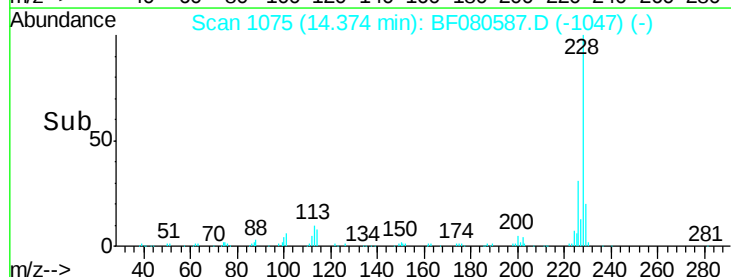
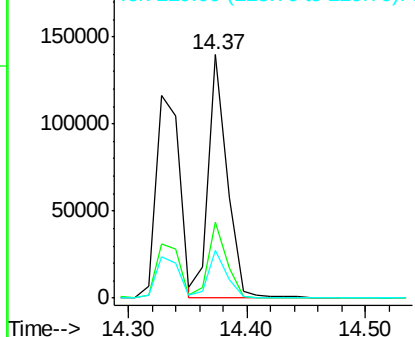


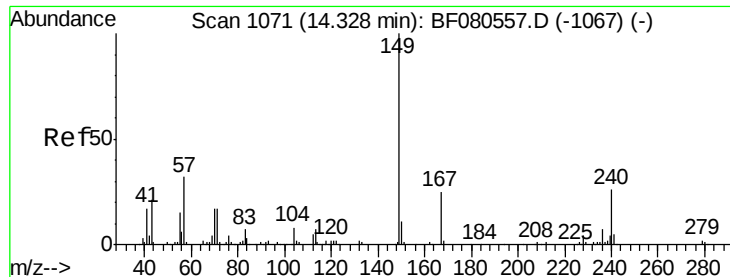
#82
 Chrysene
 Concen: 39.86 ng
 RT: 14.37 min Scan# 1075
 Delta R.T. 0.02 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion: 228 Resp: 153942
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.0 34.6
 229 19.9 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.25 ng

RT: 14.35 min Scan# 1073

Delta R.T. 0.02 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

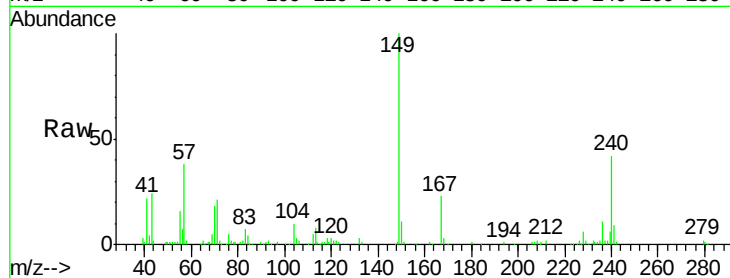
Tgt Ion:149 Resp: 107283

Ion Ratio Lower Upper

149 100

167 23.3 20.2 30.2

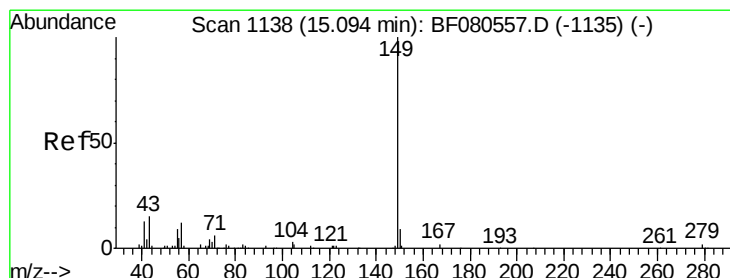
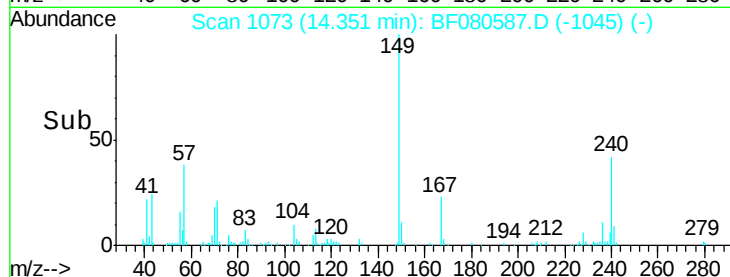
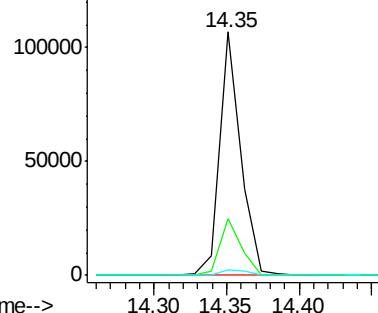
279 2.2 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.78 ng

RT: 15.13 min Scan# 1141

Delta R.T. 0.04 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

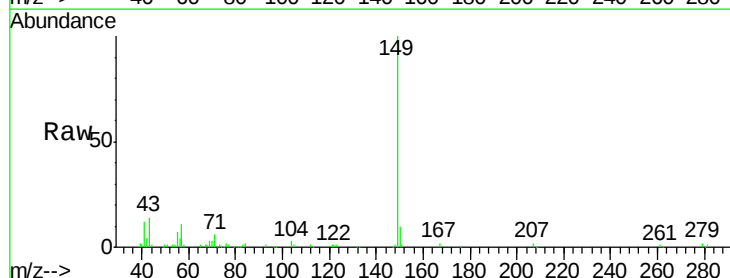
Tgt Ion:149 Resp: 135873

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

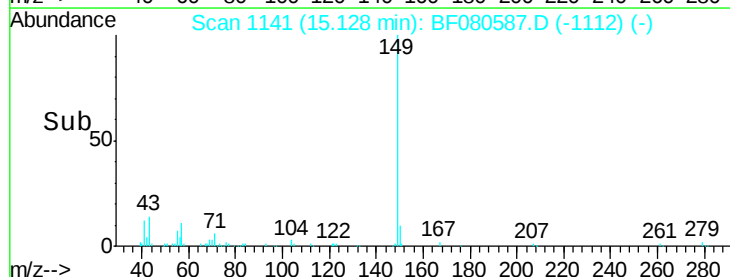
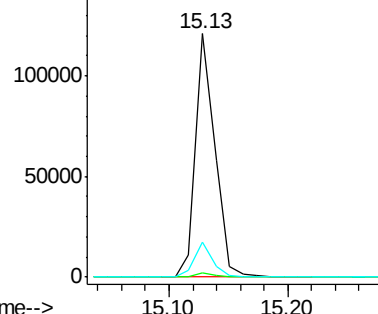
43 13.8 12.5 18.7

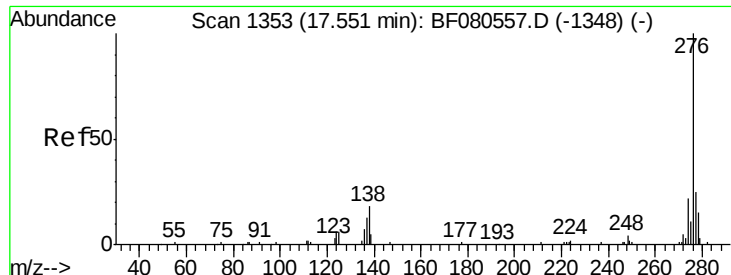


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

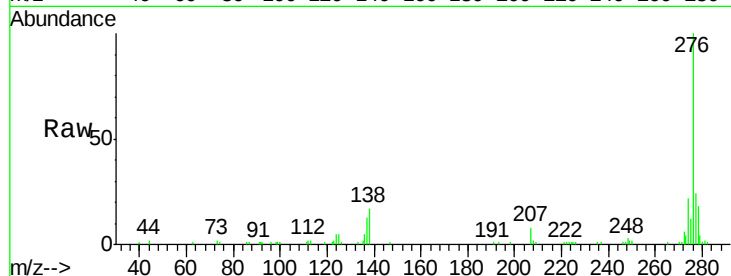




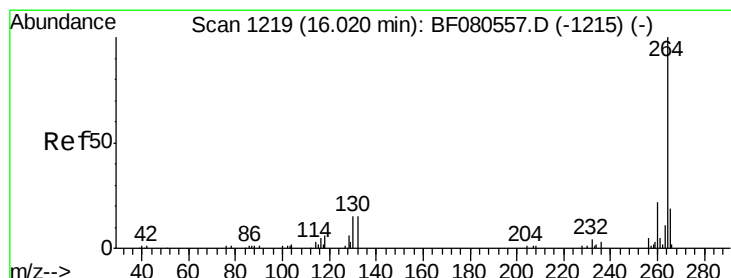
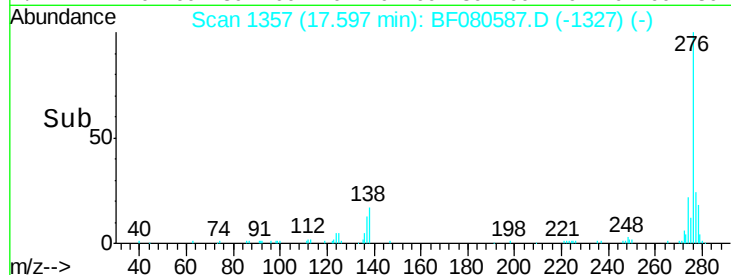
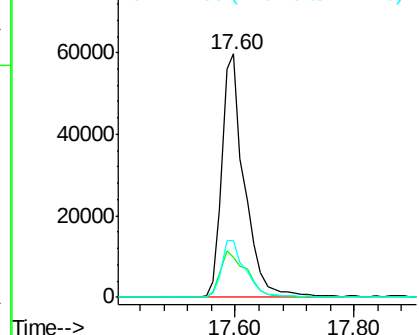
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.53 ng
 RT: 17.60 min Scan# 1357
 Delta R.T. 0.05 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.9	28.3
277	24.9	19.9	29.9

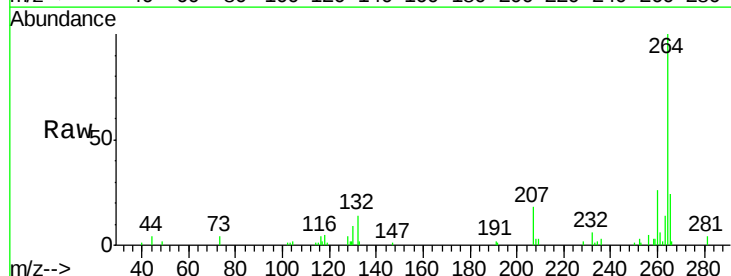


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

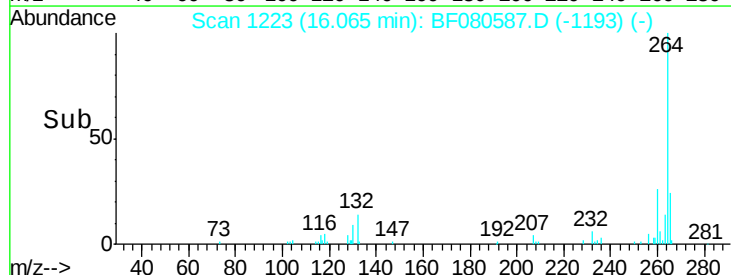
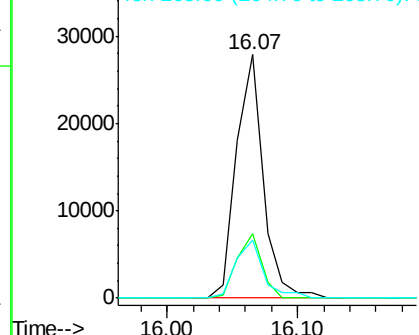


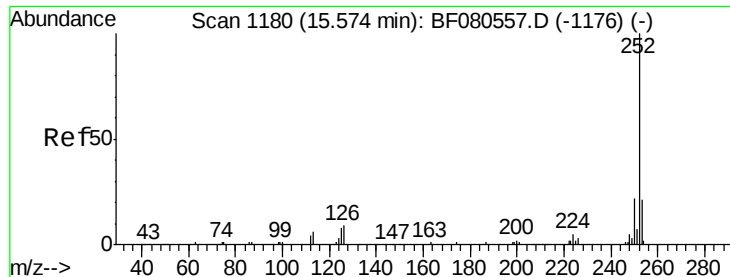
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 1223
 Delta R.T. 0.05 min
 Lab File: BF080587.D
 Acq: 23 Jul 2015 7:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	17.8	26.8
265	23.7	15.6	23.4



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





#87

Benzo(b)fluoranthene

Concen: 38.86 ng

RT: 15.61 min Scan# 1183

Delta R.T. 0.03 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

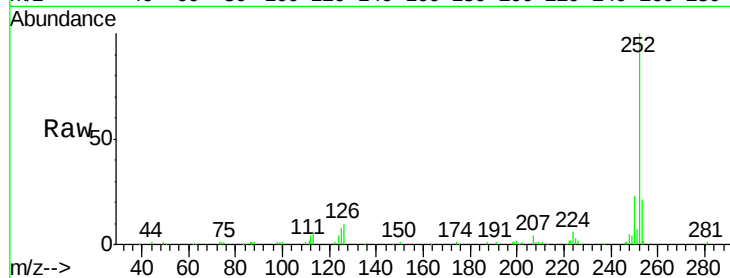
Tgt Ion:252 Resp: 96795

Ion Ratio Lower Upper

252 100

253 21.5 16.6 25.0

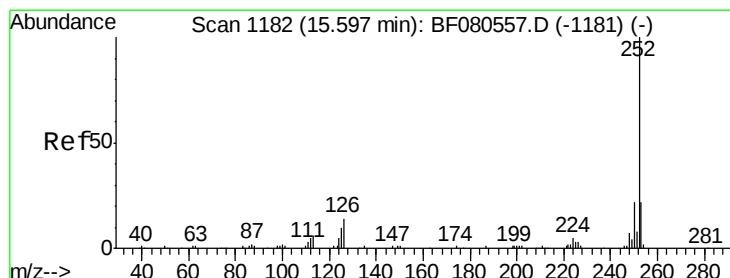
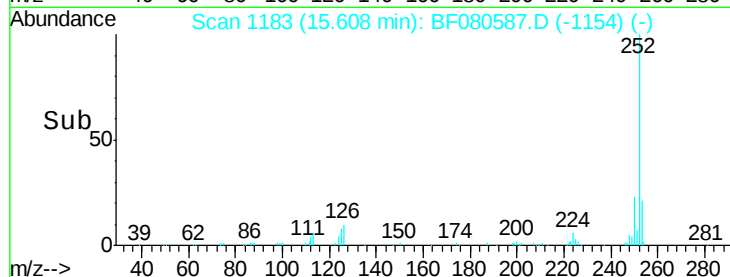
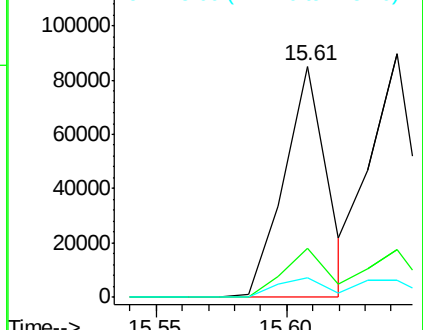
125 8.3 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.25 ng

RT: 15.61 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

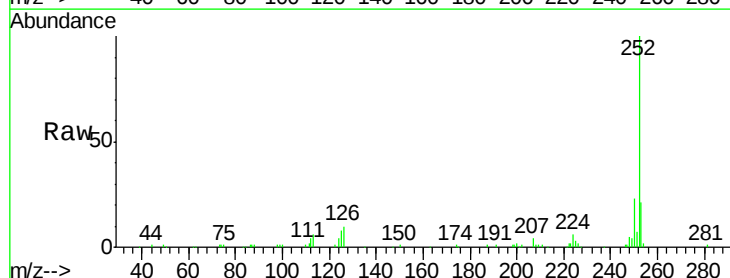
Tgt Ion:252 Resp: 96795

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

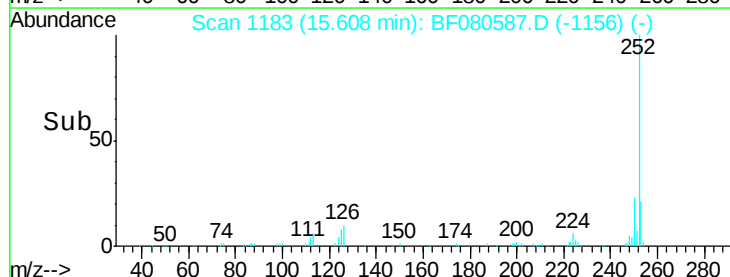
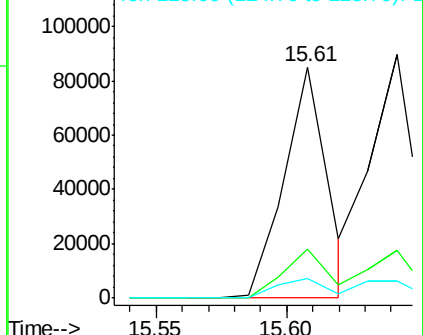
125 8.3 8.6 13.0#

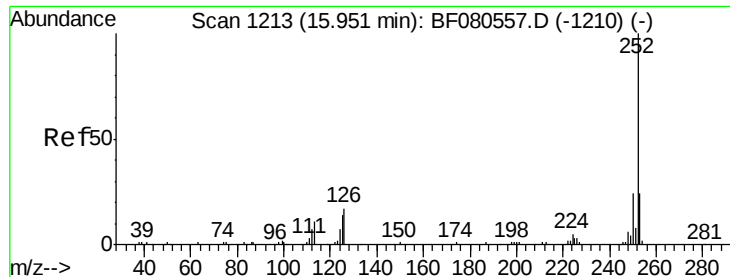


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.57 ng

RT: 16.00 min Scan# 1217

Delta R.T. 0.05 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

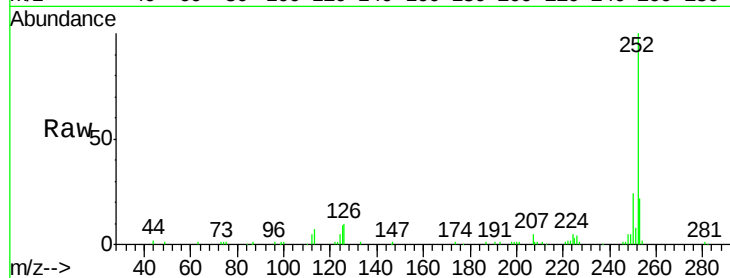
Tgt Ion:252 Resp: 89716

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.6

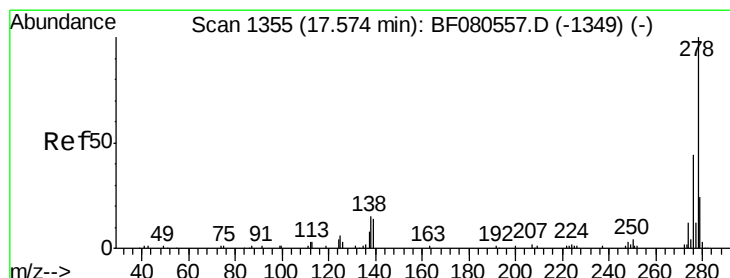
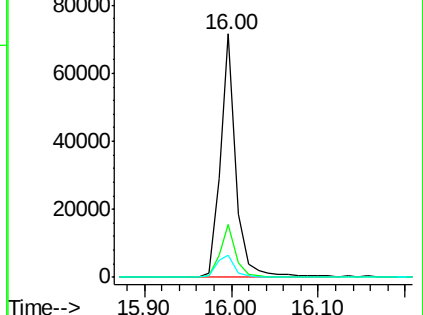
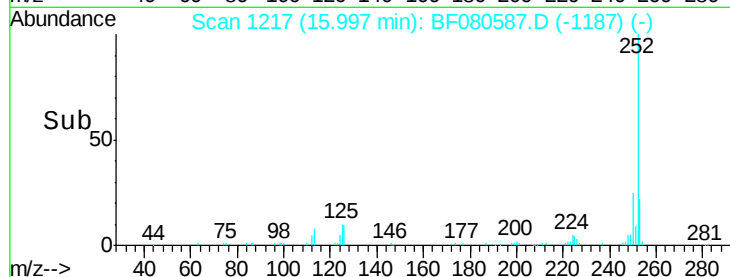
125 8.9 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 66.96 ng

RT: 17.62 min Scan# 1359

Delta R.T. 0.05 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

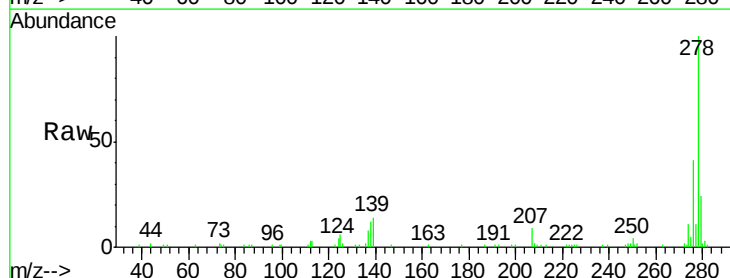
Tgt Ion:278 Resp: 123355

Ion Ratio Lower Upper

278 100

139 13.5 11.6 17.4

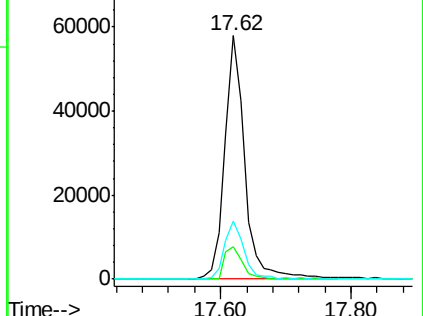
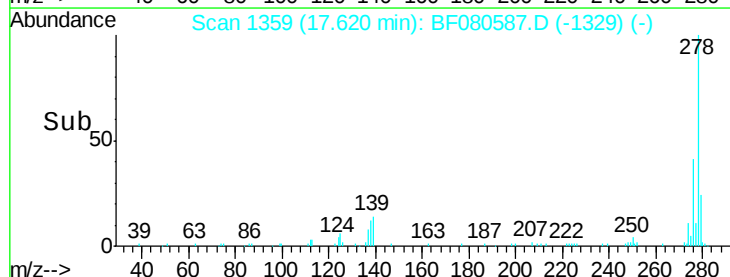
279 24.1 18.9 28.3

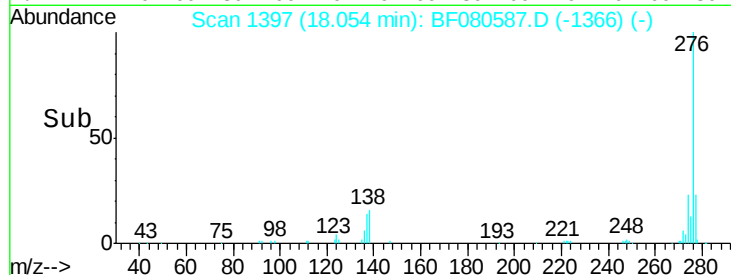
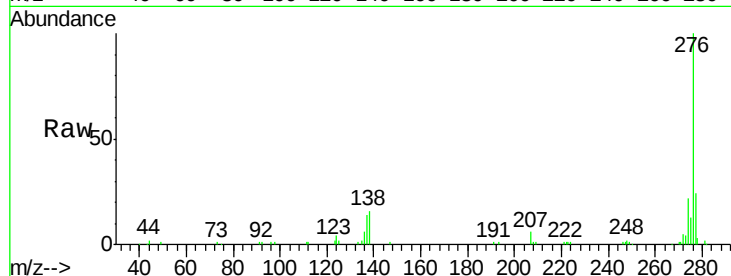
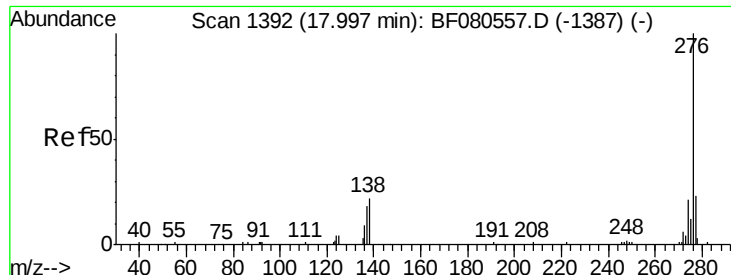


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 90.07 ng

RT: 18.05 min Scan# 1397

Delta R.T. 0.06 min

Lab File: BF080587.D

Acq: 23 Jul 2015 7:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 276 Resp: 168734

Ion Ratio Lower Upper

276 100

277 23.8 18.0 27.0

138 16.1 17.8 26.6#

