

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080597.D
 Acq On : 23 Jul 2015 17:47
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Quant Time: Jul 24 06:56:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 01:01:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	35803	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	140804	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	63921	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	110300	20.00	ng	0.00
75) Chrysene-d12	14.24	240	95890	20.00	ng	0.06
86) Perylene-d12	15.86	264	65268	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	171028	82.51	ng	0.00
7) Phenol-d6	6.56	99	224373	88.54	ng	0.00
23) Nitrobenzene-d5	7.50	82	213134	85.77	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	40700	80.36	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	360830	81.90	ng	0.00
78) Terphenyl-d14	13.09	244	357044	77.92	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	39241	39.73	ng	# 100
3) Pyridine	3.25	79	110680	42.18	ng	96
4) n-Nitrosodimethylamine	3.17	42	68587	41.35	ng	# 92
6) Aniline	6.60	93	158710	42.85	ng	100
8) 2-Chlorophenol	6.73	128	91424	41.06	ng	98
9) Benzaldehyde	6.49	77	74588	39.80	ng	98
10) Phenol	6.57	94	134662	44.42	ng	96
11) bis(2-Chloroethyl)ether	6.67	93	86229	40.96	ng	97
12) 1,3-Dichlorobenzene	6.89	146	115968	41.08	ng	99
13) 1,4-Dichlorobenzene	6.97	146	115356	41.64	ng	99
14) 1,2-Dichlorobenzene	7.12	146	105264	40.99	ng	97
15) Benzyl Alcohol	7.08	79	92314	41.34	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	173803	40.73	ng	99
17) 2-Methylphenol	7.18	107	71289	40.63	ng	95
18) Hexachloroethane	7.47	117	39743	41.48	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	72397	42.16	ng	# 97
20) 3+4-Methylphenols	7.34	107	101285	41.75	ng	# 90
22) Acetophenone	7.36	105	136272	39.73	ng	99
24) Nitrobenzene	7.53	77	113876	42.87	ng	97
25) Isophorone	7.77	82	190876	41.47	ng	99
26) 2-Nitrophenol	7.85	139	41257	43.47	ng	97
27) 2,4-Dimethylphenol	7.88	122	84661	40.38	ng	95
28) bis(2-Chloroethoxy)methane	7.98	93	98717	38.81	ng	98
29) 2,4-Dichlorophenol	8.09	162	70452	41.09	ng	100
30) 1,2,4-Trichlorobenzene	8.18	180	87316	39.17	ng	99
31) Naphthalene	8.26	128	275979	39.18	ng	100
32) Benzoic acid	7.94	122	39660m	41.63	ng	
33) 4-Chloroaniline	8.30	127	109051	39.47	ng	95
34) Hexachlorobutadiene	8.38	225	53719	41.33	ng	95
35) Caprolactam	8.64	113	19737	42.75	ng	# 76
36) 4-Chloro-3-methylphenol	8.77	107	87593	42.94	ng	95
37) 2-Methylnaphthalene	8.94	142	157959	40.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	90417	41.83	ng	99
40) Hexachlorocyclopentadiene	9.10	237	49598	43.57	ng	92

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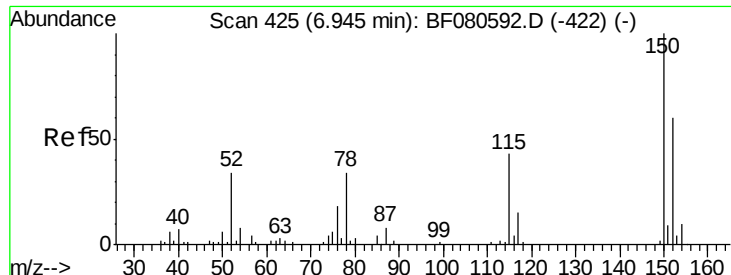
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	49155	40.55	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	53030	43.33	ng	94
45) 1,1'-Biphenyl	9.41	154	209698	40.30	ng	99
46) 2-Chloronaphthalene	9.44	162	171803	40.81	ng	96
47) 2-Nitroaniline	9.53	65	52251	40.70	ng	94
48) Acenaphthylene	9.86	152	250438	40.16	ng	99
49) Dimethylphthalate	9.71	163	196525	41.79	ng	99
50) 2,6-Dinitrotoluene	9.77	165	38220	43.45	ng	98
51) Acenaphthene	10.03	154	150133	40.08	ng	97
52) 3-Nitroaniline	9.94	138	37878	39.59	ng	# 96
53) 2,4-Dinitrophenol	10.04	184	9510	39.79	ng	# 71
54) Dibenzofuran	10.20	168	209752	38.74	ng	99
55) 4-Nitrophenol	10.08	139	31747	45.94	ng	97
56) 2,4-Dinitrotoluene	10.17	165	48028	43.59	ng	93
57) Fluorene	10.54	166	171459	39.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	38101	40.01	ng	# 92
59) Diethylphthalate	10.41	149	180071	41.03	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	77631	39.77	ng	97
61) 4-Nitroaniline	10.54	138	37154	38.56	ng	98
62) Azobenzene	10.69	77	192758	41.92	ng	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	15081	43.28	ng	# 82
65) n-Nitrosodiphenylamine	10.65	169	158589	43.82	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	47796	42.63	ng	88
67) Hexachlorobenzene	11.09	284	48982	38.69	ng	# 89
68) Atrazine	11.17	200	42733	42.97	ng	97
69) Pentachlorophenol	11.28	266	26012	44.03	ng	93
70) Phenanthrene	11.50	178	264299	42.45	ng	98
71) Anthracene	11.55	178	242865	41.65	ng	99
72) Carbazole	11.71	167	204404	40.54	ng	99
73) Di-n-butylphthalate	12.04	149	235466	40.19	ng	# 97
74) Fluoranthene	12.71	202	234611	42.11	ng	93
76) Benzidine	12.83	184	105661	37.50	ng	98
77) Pyrene	12.93	202	246382	38.30	ng	99
79) Butylbenzylphthalate	13.61	149	82152	36.92	ng	89
80) Benzo(a)anthracene	14.23	228	216961	40.13	ng	100
81) 3,3'-Dichlorobenzidine	14.19	252	60331	39.04	ng	# 95
82) Chrysene	14.26	228	205108	38.13	ng	96
83) Bis(2-ethylhexyl)phthalate	14.24	149	124249	39.50	ng	100
84) Di-n-octyl phthalate	14.97	149	153210	36.40	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.37	276	152845	37.56	ng	99
87) Benzo(b)fluoranthene	15.43	252	153503	38.67	ng	96
88) Benzo(k)fluoranthene	15.45	252	172291m	43.61	ng	
89) Benzo(a)pyrene	15.80	252	148945	42.30	ng	# 90
90) Dibenzo(a,h)anthracene	17.39	278	130281	39.17	ng	98
91) Benzo(g,h,i)perylene	17.81	276	132471	38.99	ng	95

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

[illegible]



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

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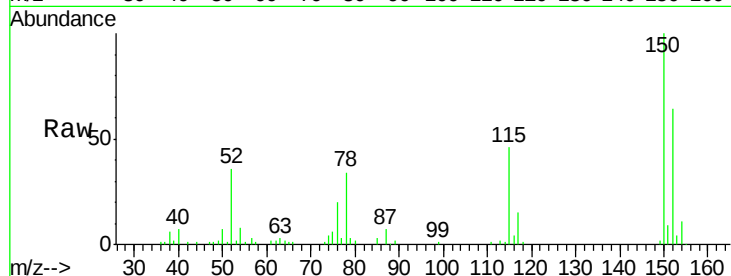
Tgt Ion:152 Resp: 35803

Ion Ratio Lower Upper

152 100

150 157.2 128.7 193.1

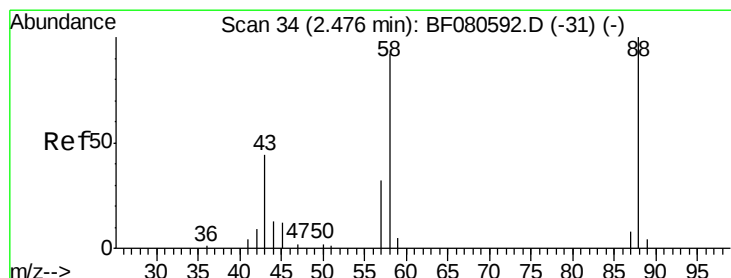
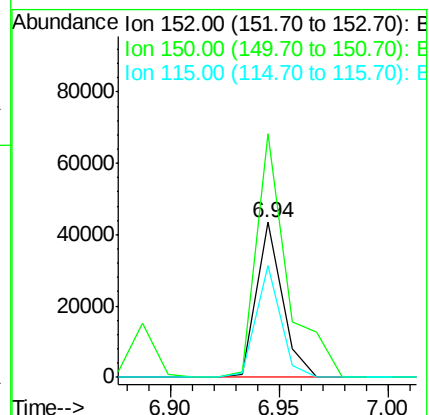
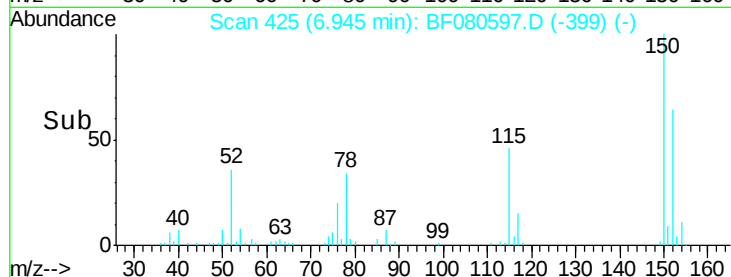
115 72.0 56.8 85.2



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: 39.73 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

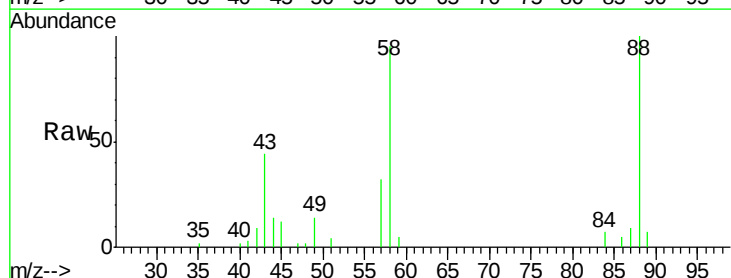
Tgt Ion: 88 Resp: 39241

Ion Ratio Lower Upper

88 100

58 89.4 0.0 0.0#

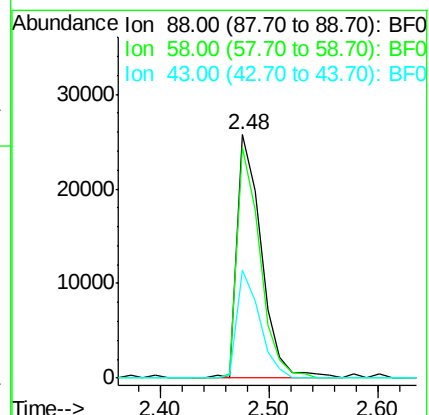
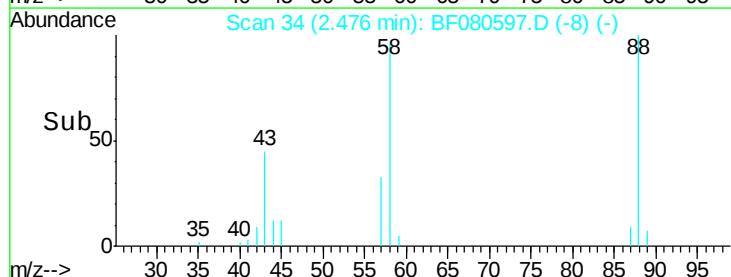
43 41.4 0.0 0.0#

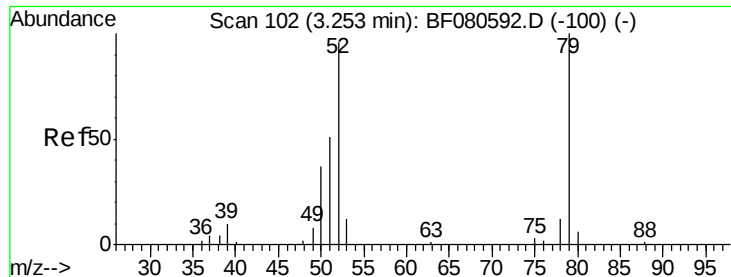


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.18 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

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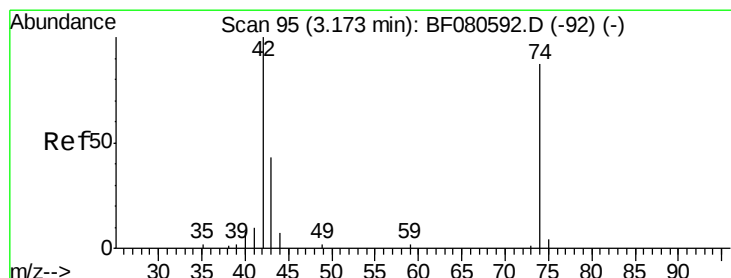
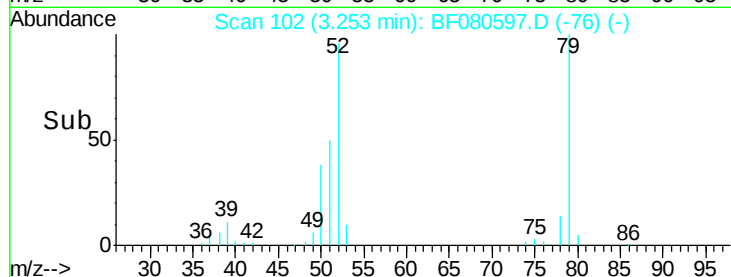
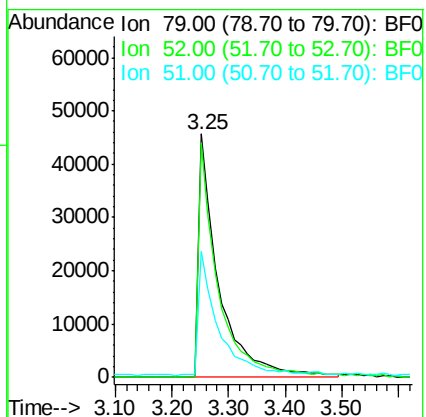
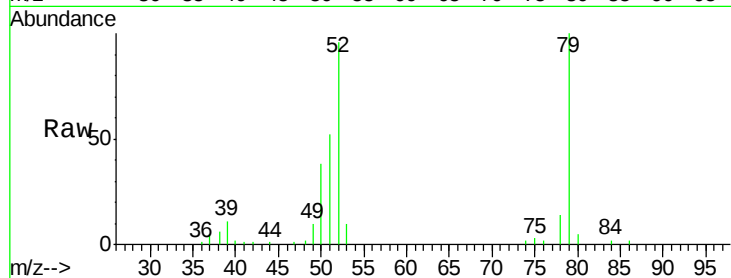
Tgt Ion: 79 Resp: 110680

Ion Ratio Lower Upper

79 100

52 96.3 79.6 119.4

51 51.6 44.5 66.7



#4

n-Nitrosodimethylamine

Concen: 41.35 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

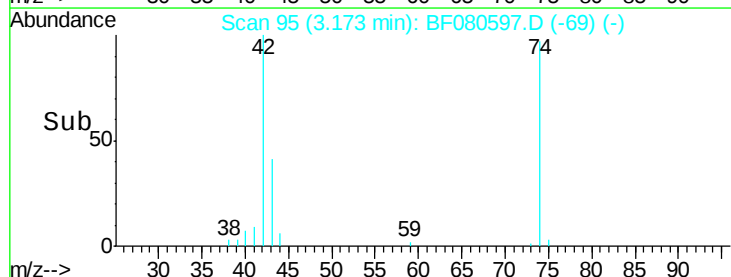
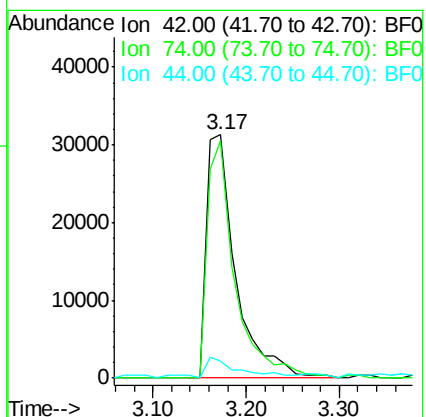
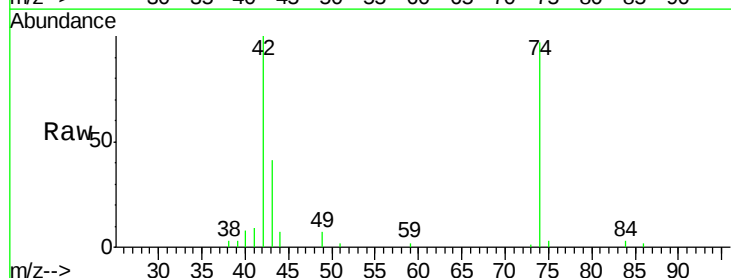
Tgt Ion: 42 Resp: 68587

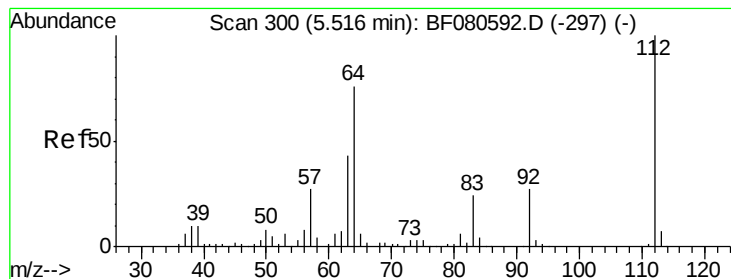
Ion Ratio Lower Upper

42 100

74 97.2 72.6 108.8

44 7.0 10.4 15.6#





#5

2-Fluorophenol

Concen: 82.51 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

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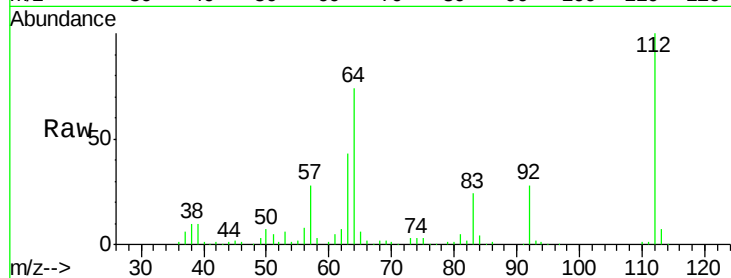
Tgt Ion: 112 Resp: 171028

Ion Ratio Lower Upper

112 100

64 74.4 60.2 90.2

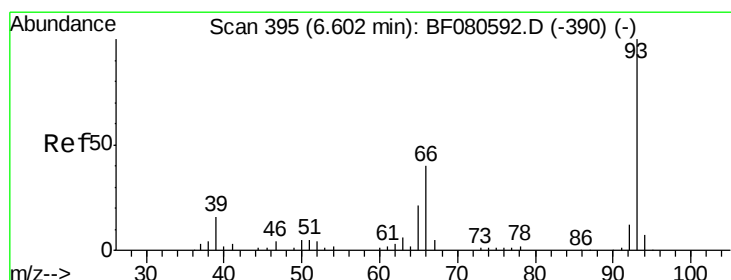
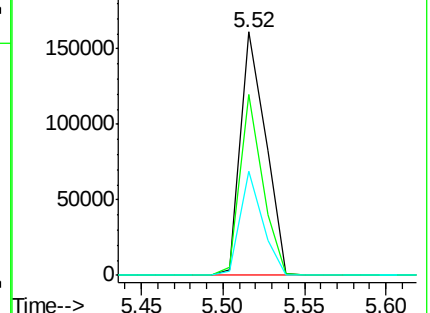
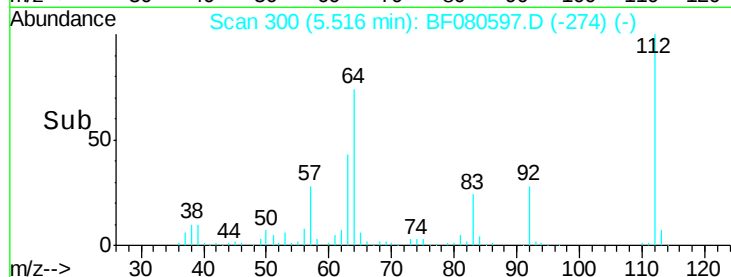
63 42.8 34.8 52.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.85 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

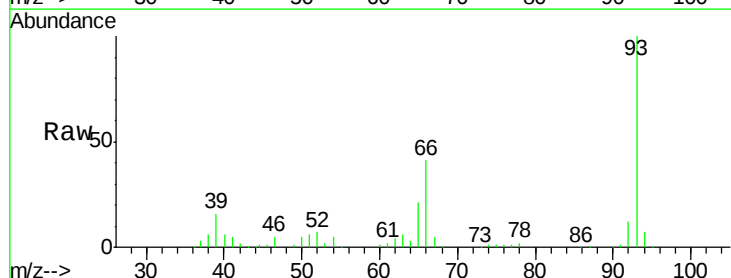
Tgt Ion: 93 Resp: 158710

Ion Ratio Lower Upper

93 100

66 41.2 33.1 49.7

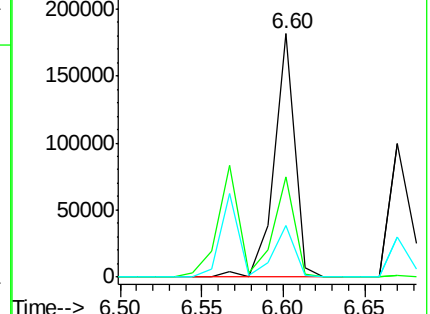
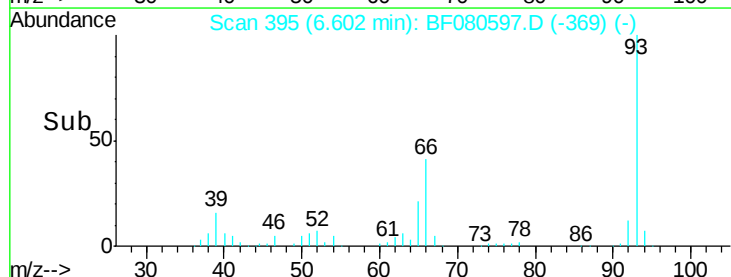
65 21.4 17.2 25.8

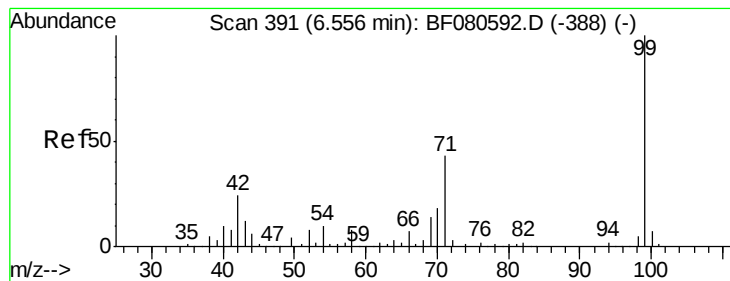


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.54 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

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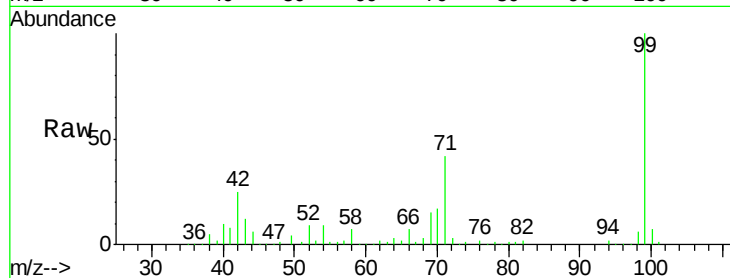
Tgt Ion: 99 Resp: 224373

Ion Ratio Lower Upper

99 100

42 24.8 17.4 26.2

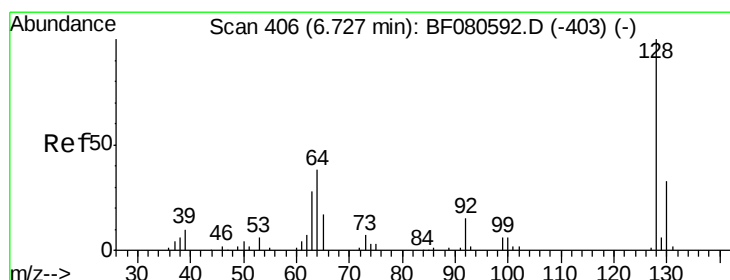
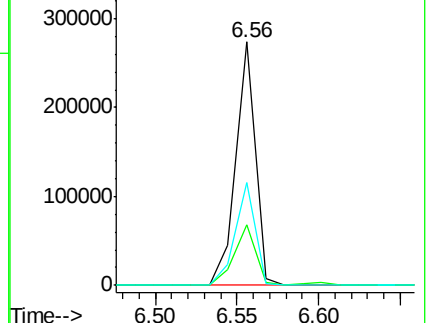
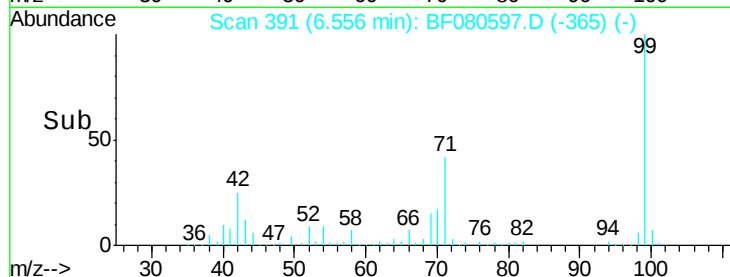
71 42.0 29.0 43.6



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: 41.06 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

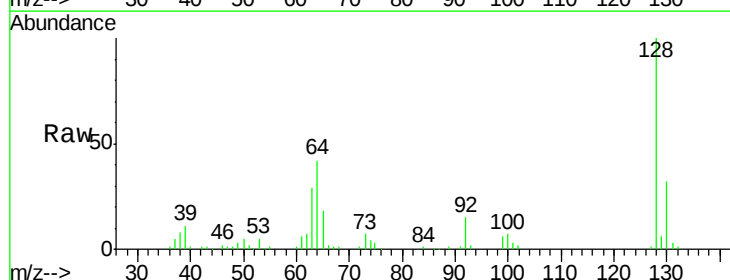
Tgt Ion: 128 Resp: 91424

Ion Ratio Lower Upper

128 100

130 32.0 11.8 51.8

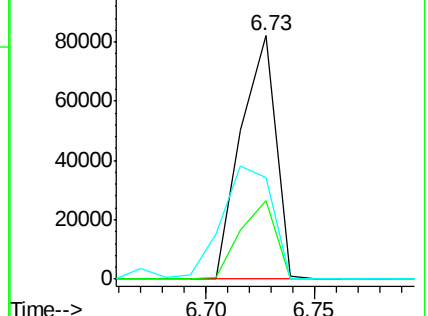
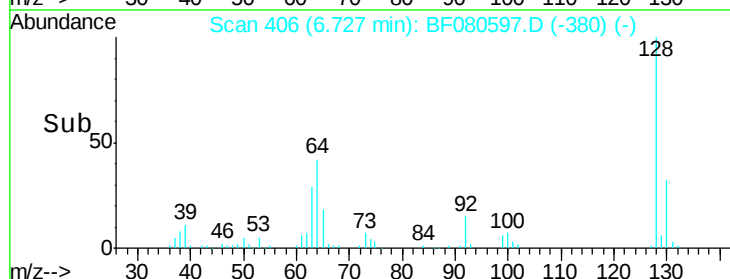
64 41.7 20.2 60.2

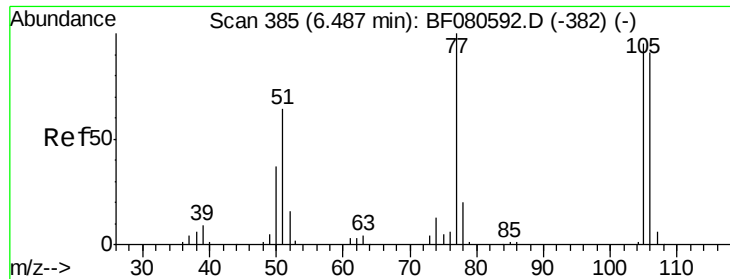


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.80 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

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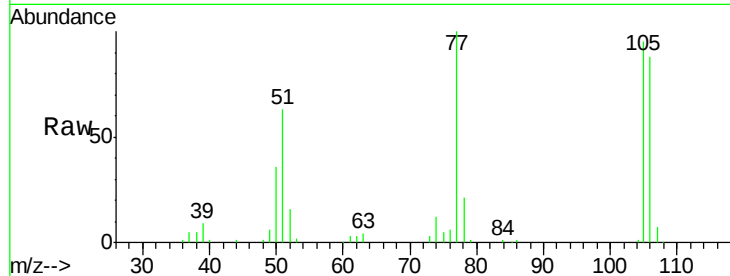
Tgt Ion: 77 Resp: 74588

Ion Ratio Lower Upper

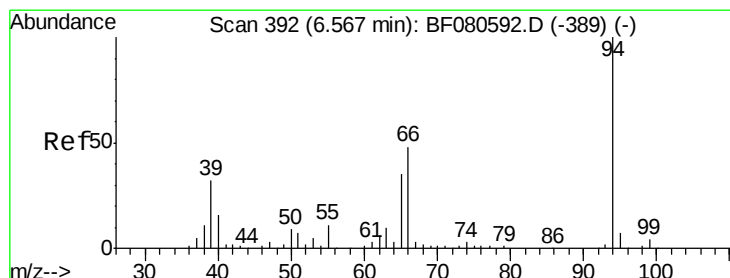
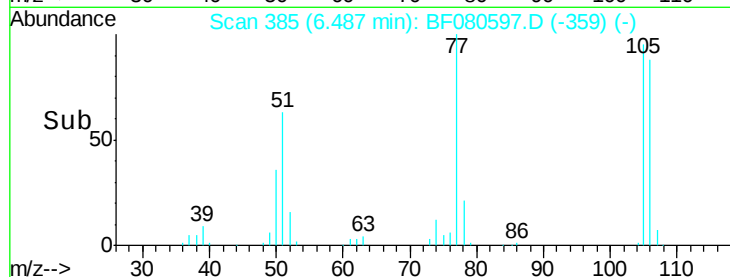
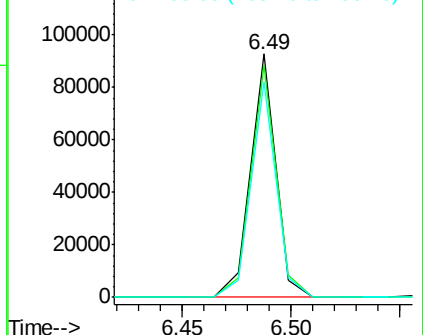
77 100

105 95.1 72.3 112.3

106 88.4 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: 44.42 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

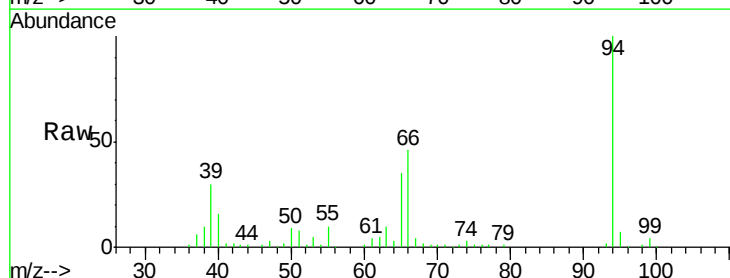
Tgt Ion: 94 Resp: 134662

Ion Ratio Lower Upper

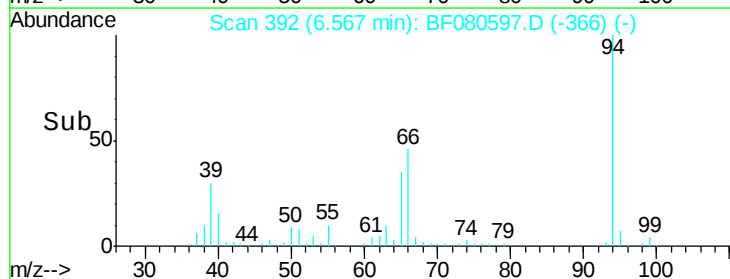
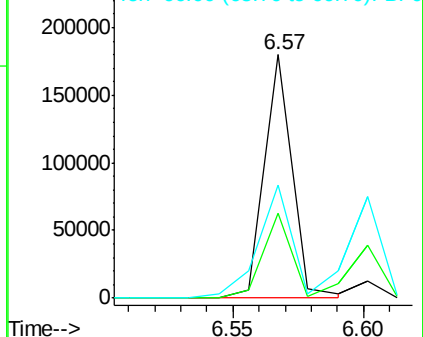
94 100

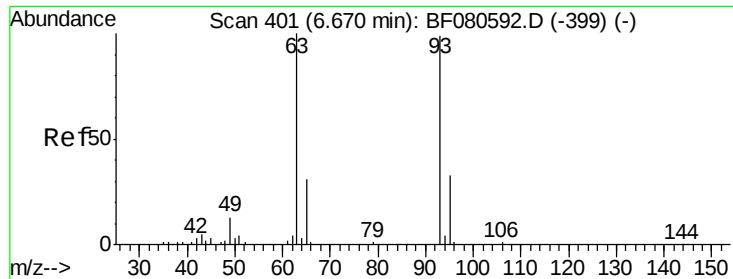
65 34.7 12.1 52.1

66 46.4 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

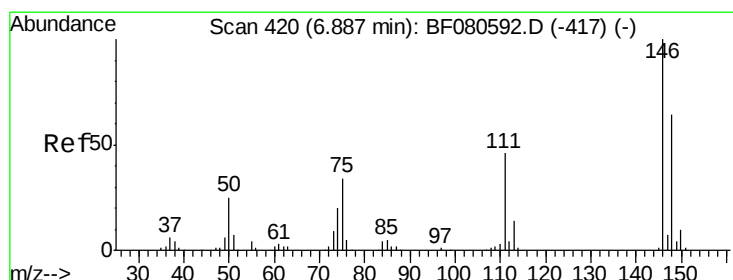
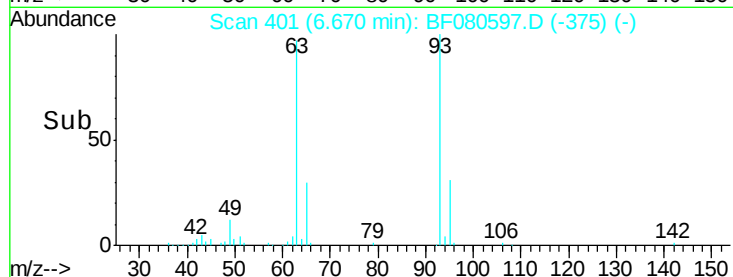
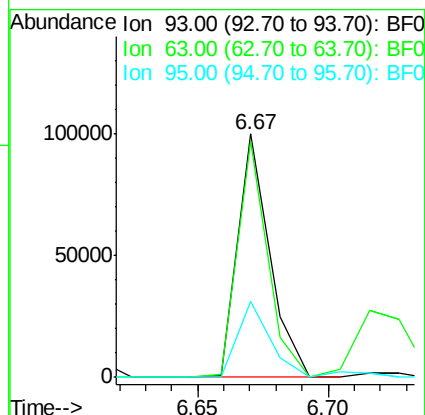
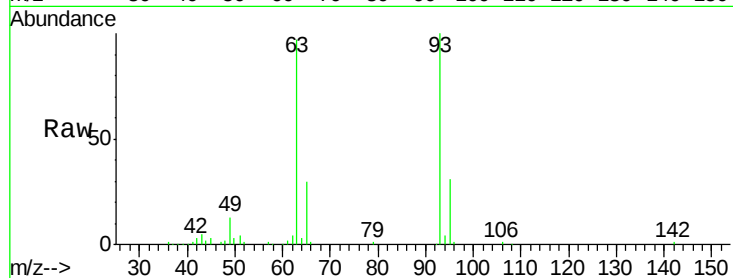




#11
bis(2-Chloroethyl)ether
Concen: 40.96 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

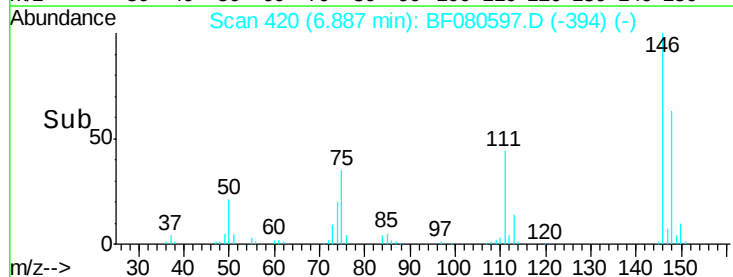
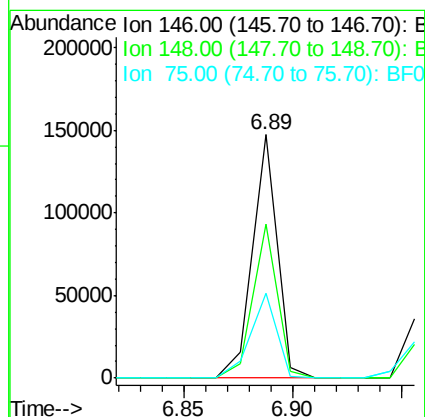
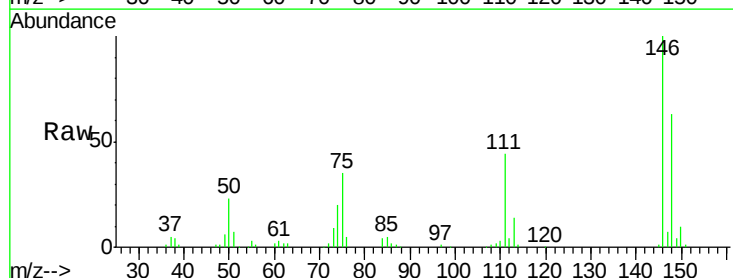
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

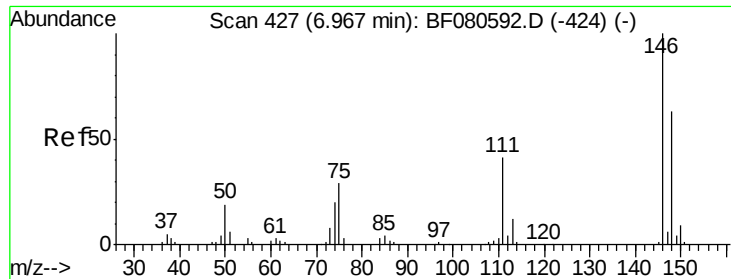
Tgt Ion: 93 Resp: 86229
Ion Ratio Lower Upper
93 100
63 97.0 80.5 120.5
95 31.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.08 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion: 146 Resp: 115968
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 34.7 27.1 40.7

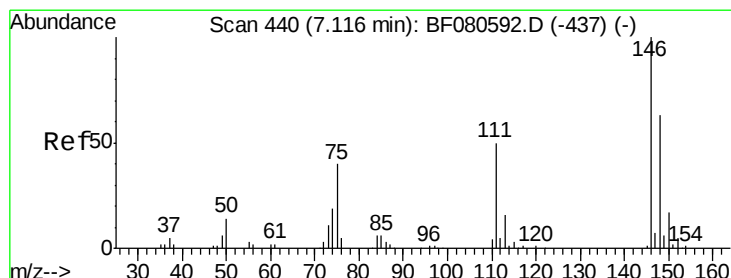
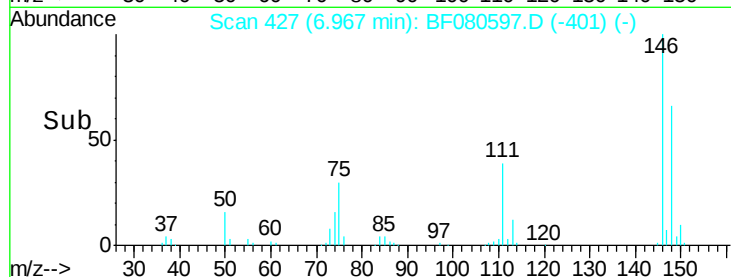
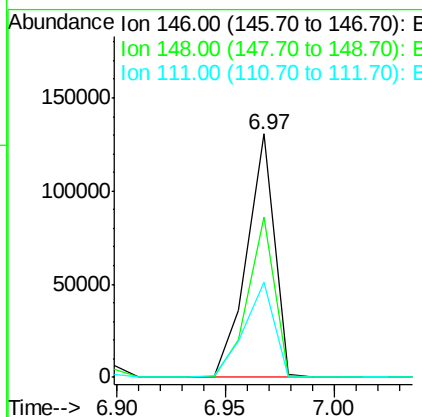
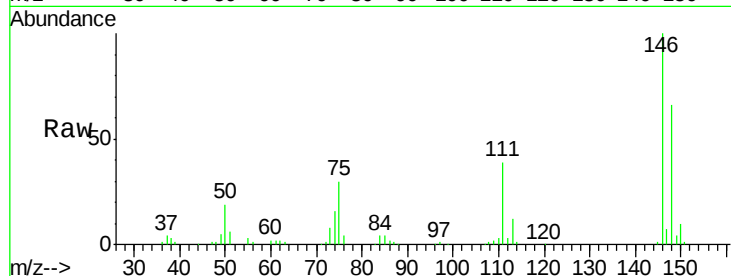




#13
 1,4-Dichlorobenzene
 Concen: 41.64 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

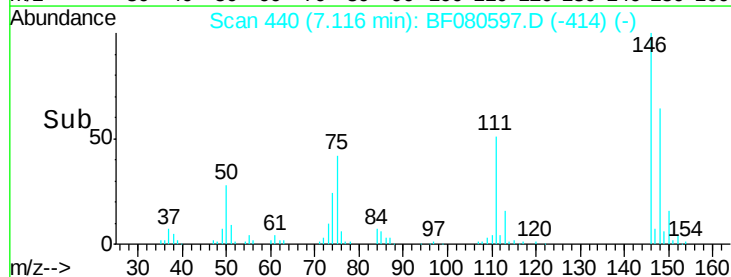
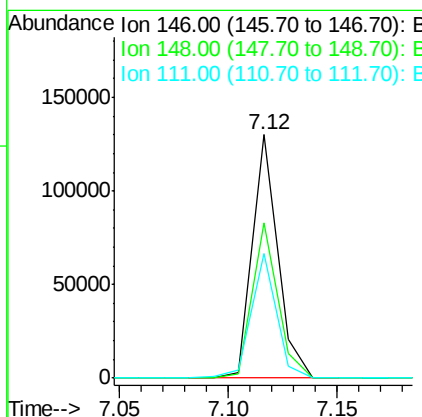
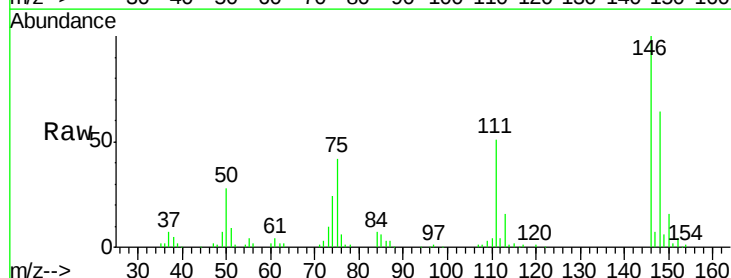
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

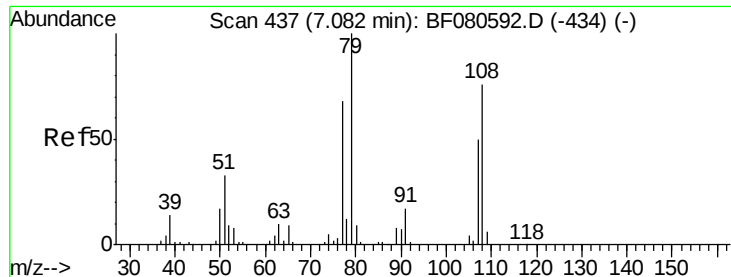
Tgt Ion:146 Resp: 115356
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.0 78.0
 111 39.3 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 40.99 ng
 RT: 7.12 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:146 Resp: 105264
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 51.0 38.2 57.2





#15

Benzyl Alcohol

Concen: 41.34 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

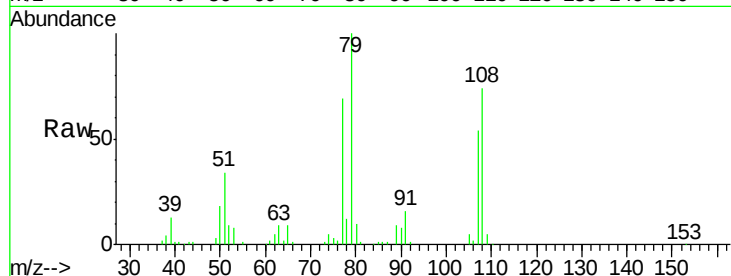
Tgt Ion: 79 Resp: 92314

Ion Ratio Lower Upper

79 100

108 74.1 61.5 92.3

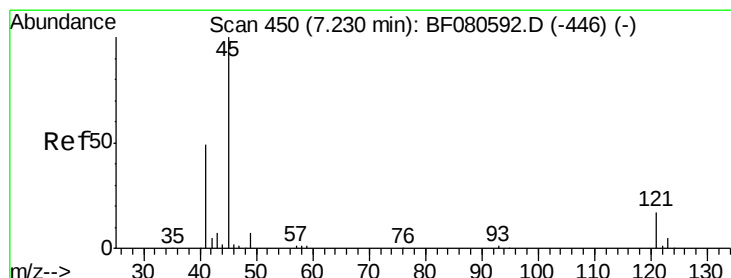
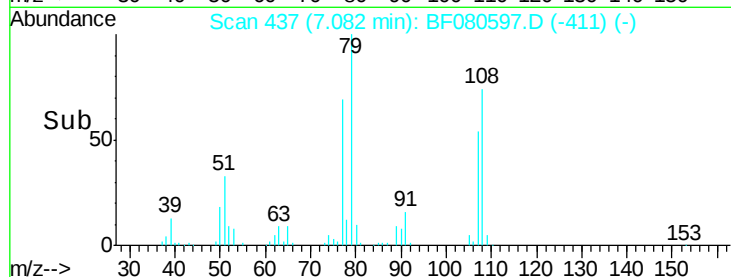
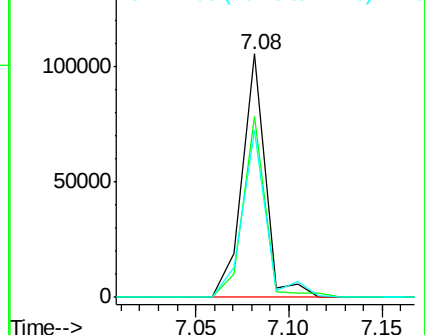
77 68.6 53.6 80.4



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: 40.73 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

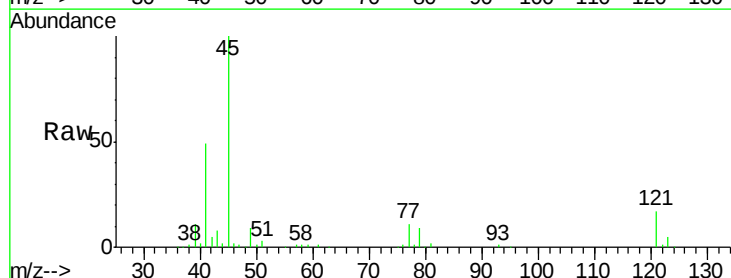
Tgt Ion: 45 Resp: 173803

Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.8

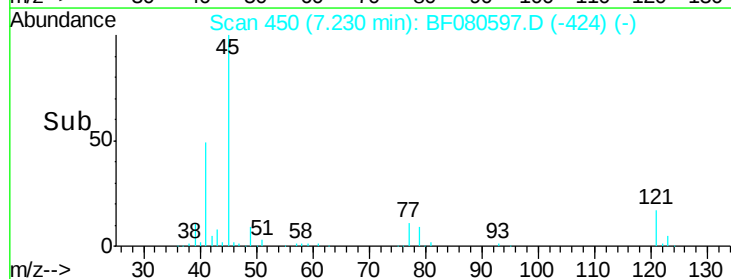
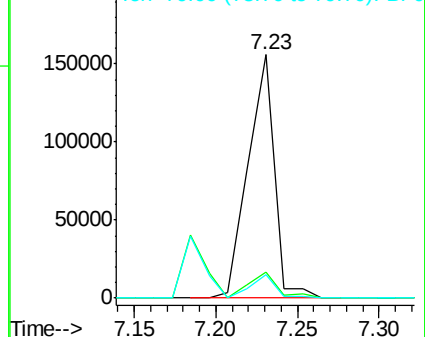
79 9.5 0.0 28.6

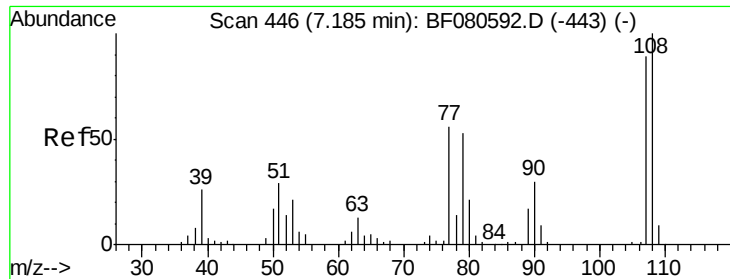


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

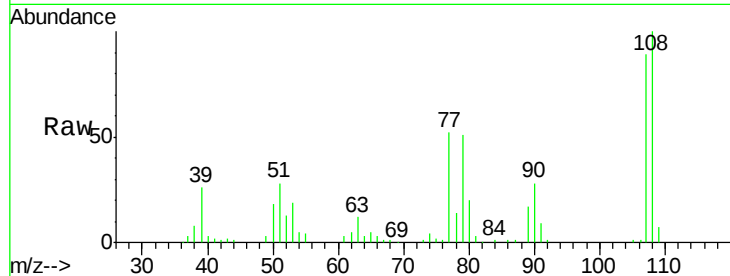




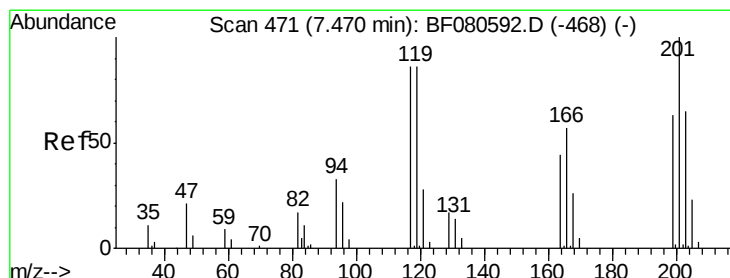
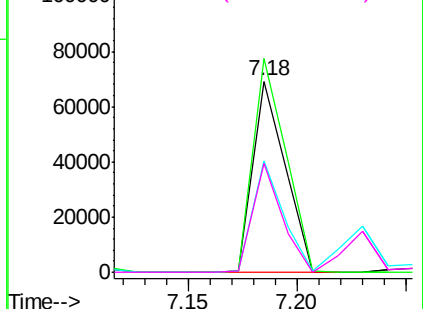
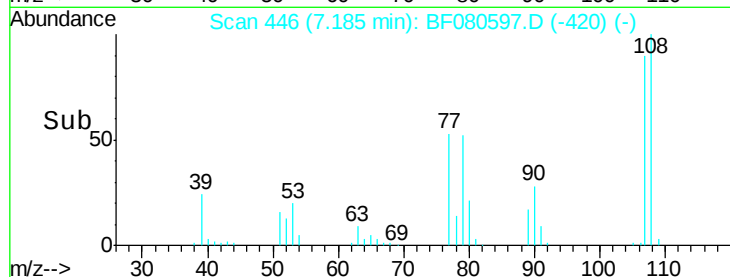
#17
 2-Methylphenol
 Concen: 40.63 ng
 RT: 7.18 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:107 Resp: 71289
 Ion Ratio Lower Upper
 107 100
 108 111.9 86.0 129.0
 77 58.0 43.4 65.2
 79 56.8 41.2 61.8

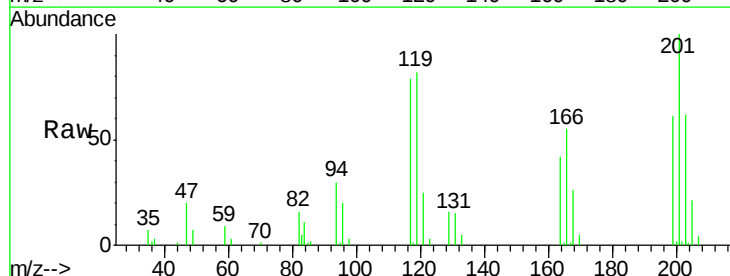


Abundance Ion 107.00 (106.70 to 107.70): E
 120000 Ion 108.00 (107.70 to 108.70): E
 100000 Ion 77.00 (76.70 to 77.70): BF0
 80000 Ion 79.00 (78.70 to 79.70): BF0

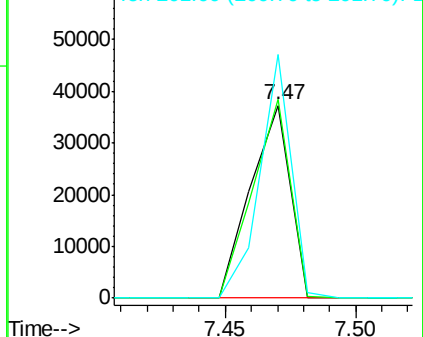
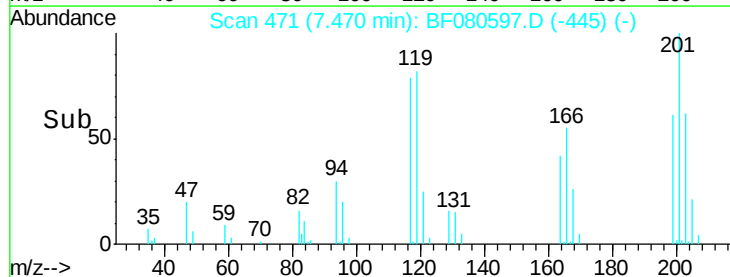


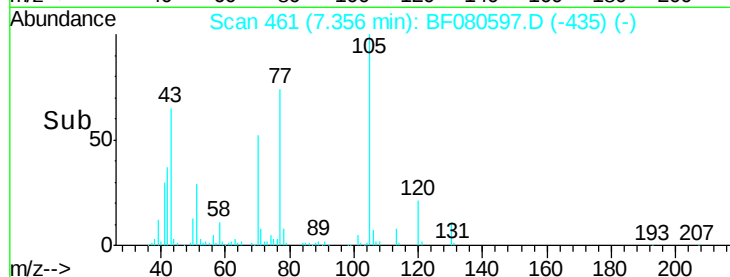
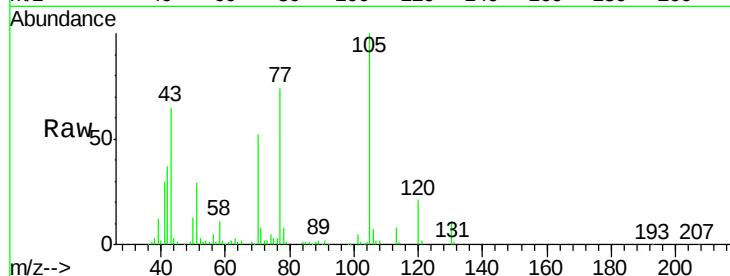
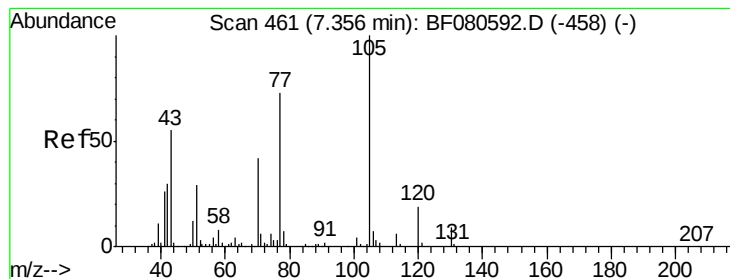
#18
 Hexachloroethane
 Concen: 41.48 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:117 Resp: 39743
 Ion Ratio Lower Upper
 117 100
 119 103.2 76.5 114.7
 201 126.5 91.6 137.4



Abundance Ion 117.00 (116.70 to 117.70): E
 60000 Ion 119.00 (118.70 to 119.70): E
 50000 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.16 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

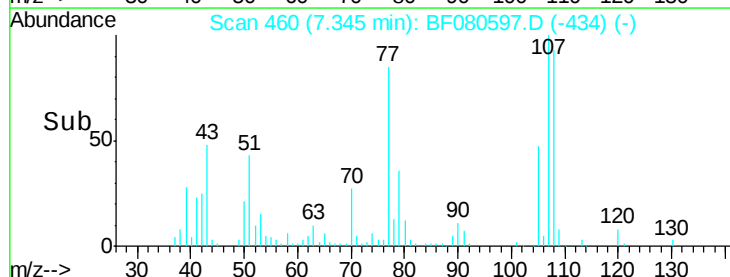
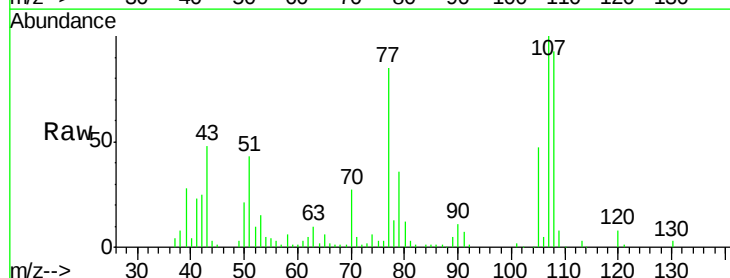
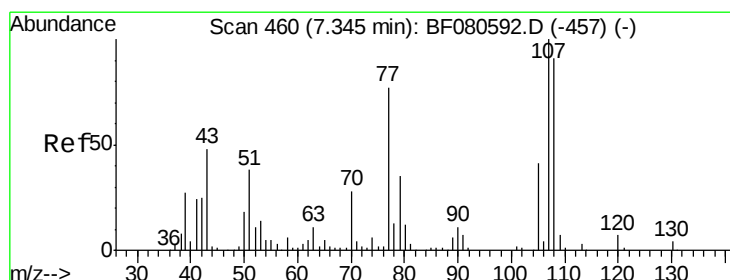
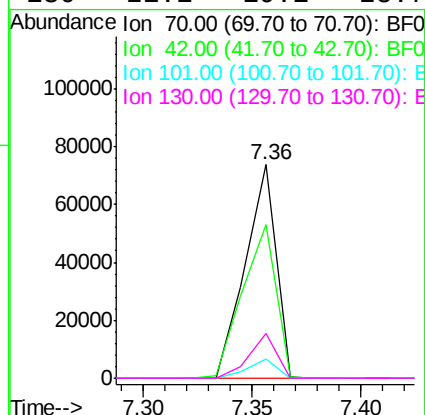
ClientSampleId :

ICVBF072315

Tgt Ion: 70 Resp: 72397

Ion Ratio Lower Upper

70	100		
42	72.1	56.6	85.0
101	9.3	9.7	14.5#
130	21.1	19.1	28.7



#20

3+4-Methylphenols

Concen: 41.75 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

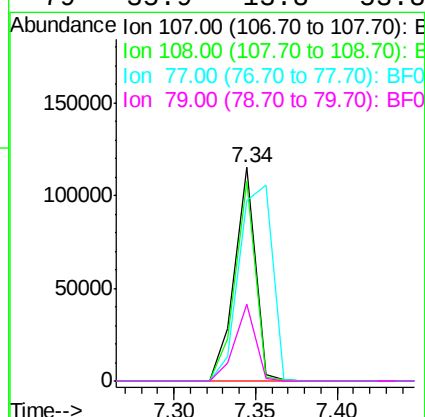
Lab File: BF080597.D

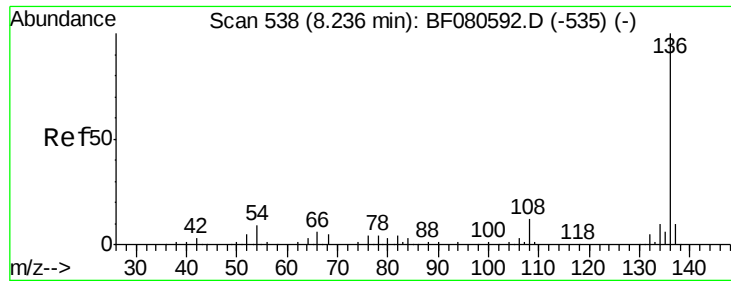
Acq: 23 Jul 2015 17:47

Tgt Ion: 107 Resp: 101285

Ion Ratio Lower Upper

107	100		
108	93.3	75.6	115.6
77	84.6	84.7	124.7#
79	35.9	13.8	53.8

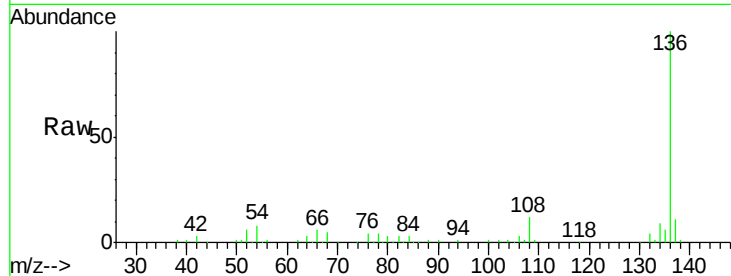




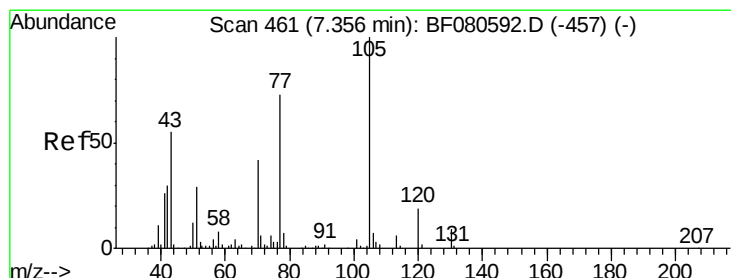
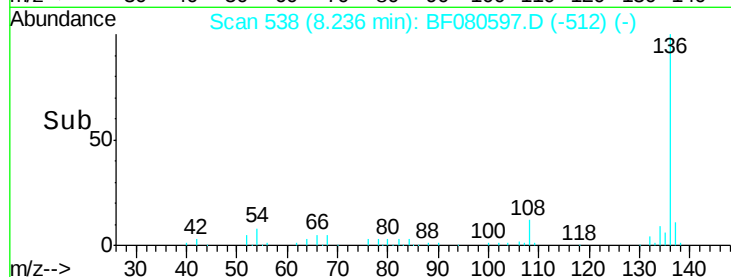
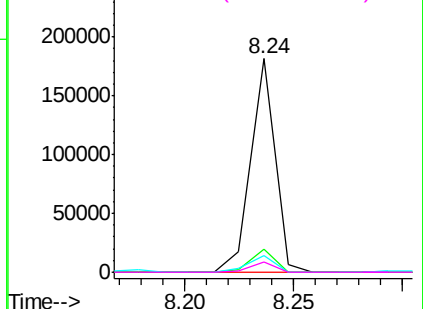
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Instrument :
BNA_F
ClientSampleId :
ICVBF072315

Tgt Ion:	136	Resp:	140804
Ion	Ratio	Lower	Upper
136	100		
137	11.0	7.8	11.8
54	8.0	7.2	10.8
68	4.6	3.8	5.6

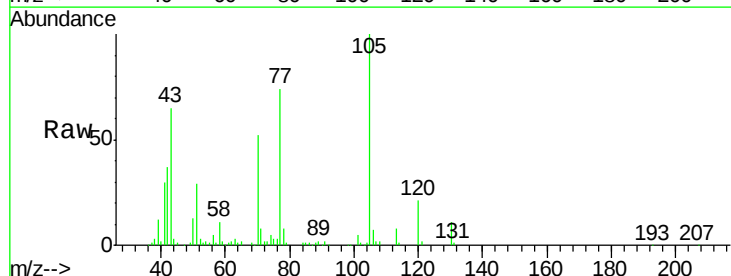


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

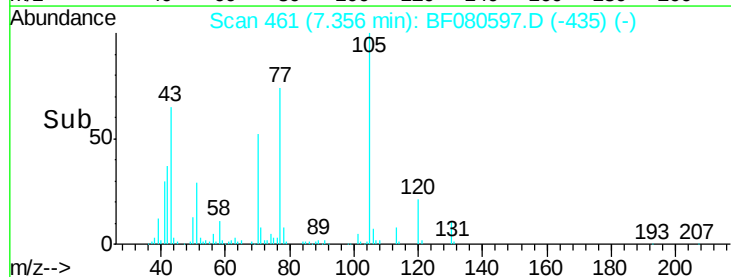
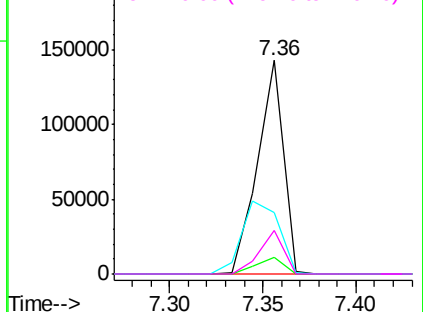


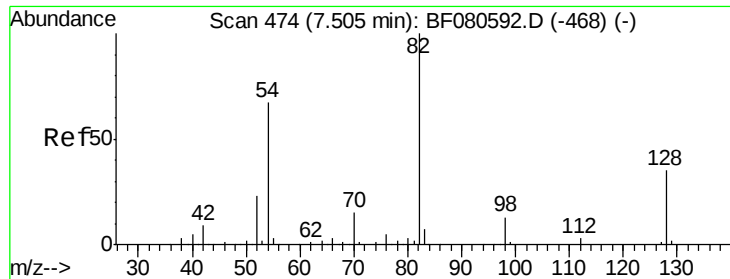
#22
Acetophenone
Concen: 39.73 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:	105	Resp:	136272
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.5	8.3
51	28.7	23.0	34.4
120	20.7	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

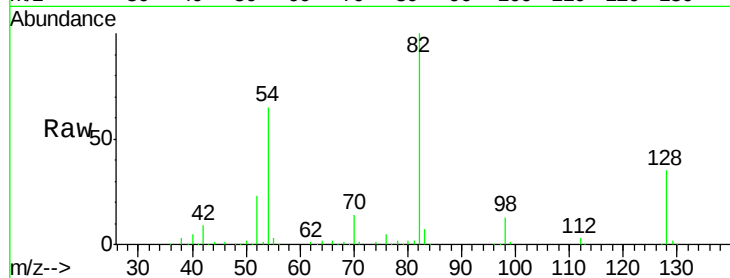




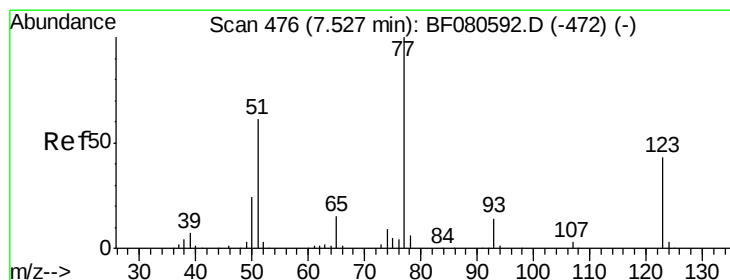
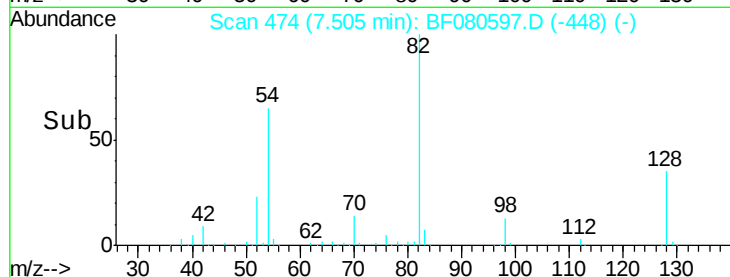
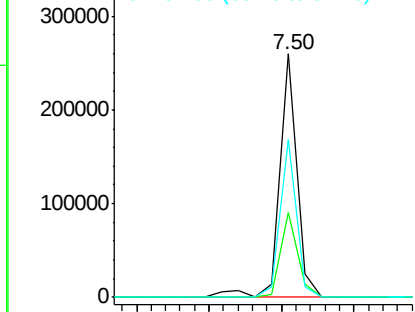
#23
 Nitrobenzene-d5
 Concen: 85.77 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion: 82 Resp: 213134
 Ion Ratio Lower Upper
 82 100
 128 34.7 28.9 43.3
 54 64.9 54.5 81.7

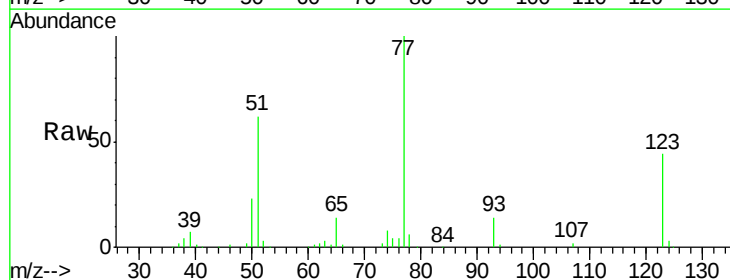


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

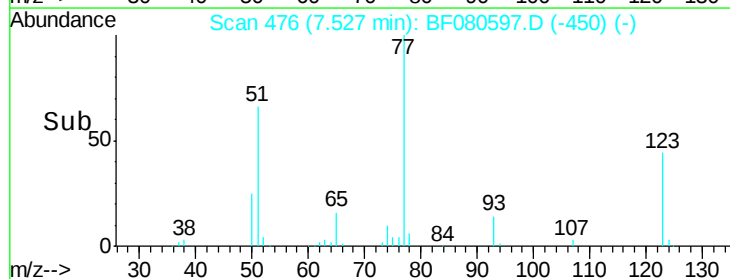
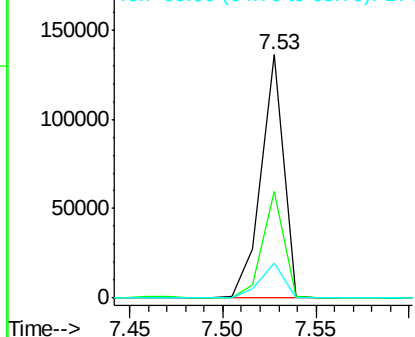


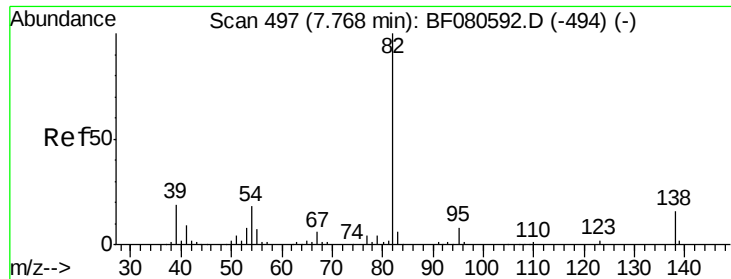
#24
 Nitrobenzene
 Concen: 42.87 ng
 RT: 7.53 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion: 77 Resp: 113876
 Ion Ratio Lower Upper
 77 100
 123 44.0 37.1 55.7
 65 14.4 11.4 17.2



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





#25

Isophorone

Concen: 41.47 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

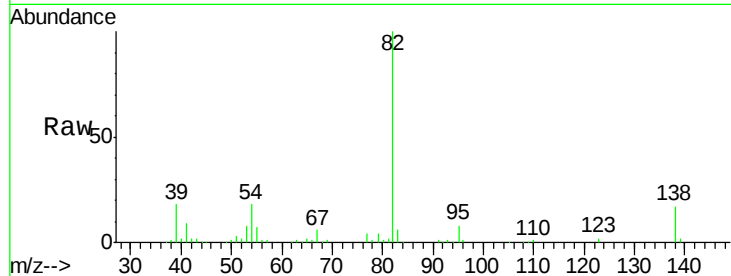
Tgt Ion: 82 Resp: 190876

Ion Ratio Lower Upper

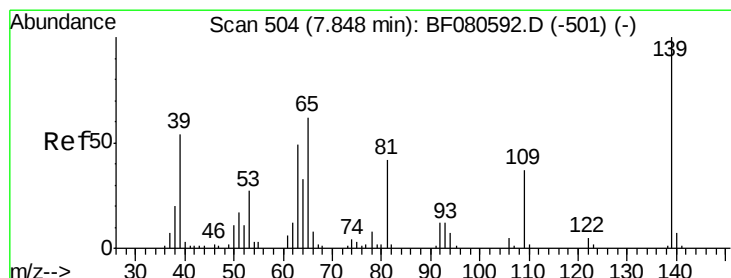
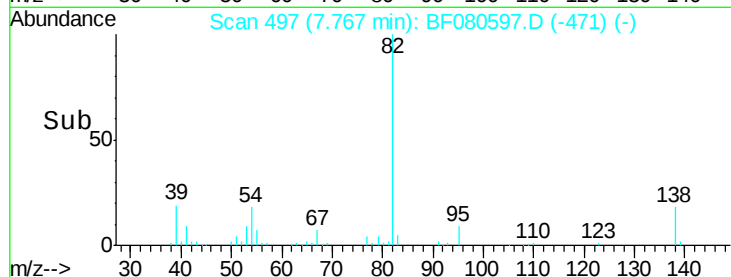
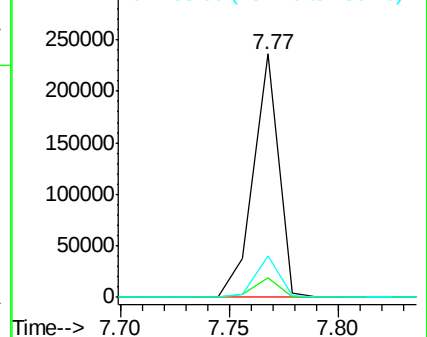
82 100

95 8.2 5.9 8.9

138 17.0 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: 43.47 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

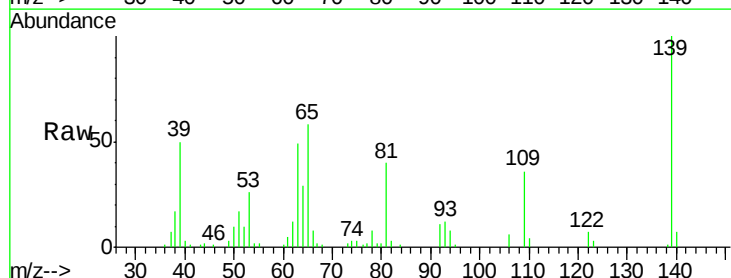
Tgt Ion: 139 Resp: 41257

Ion Ratio Lower Upper

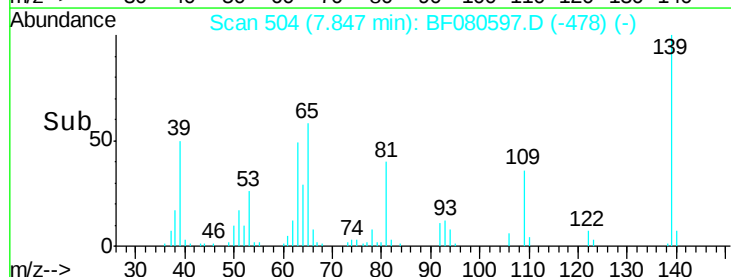
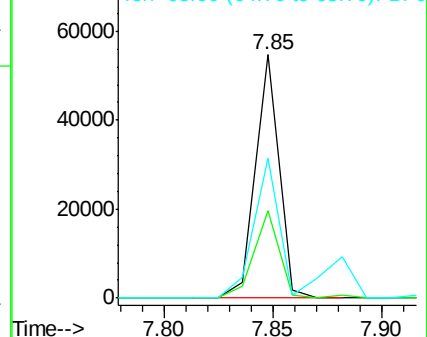
139 100

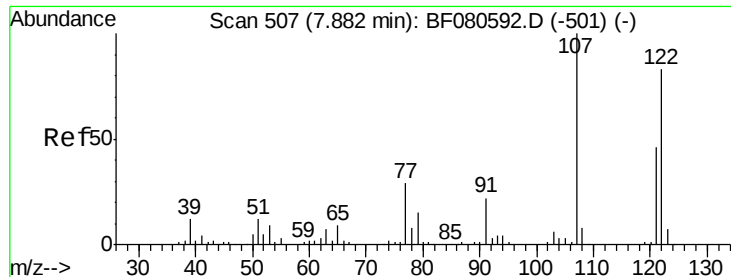
109 36.1 26.0 39.0

65 57.6 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

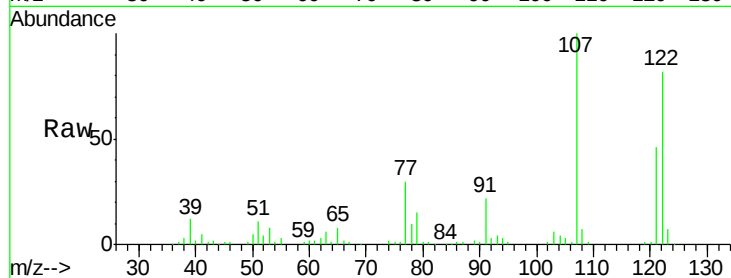




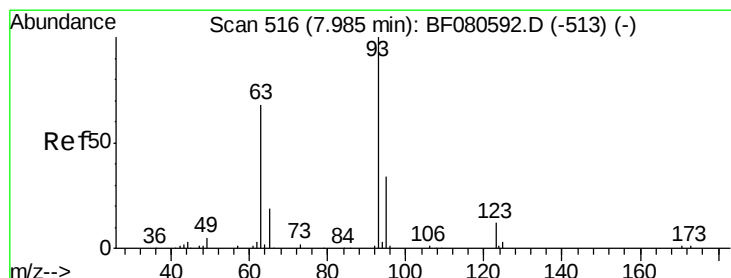
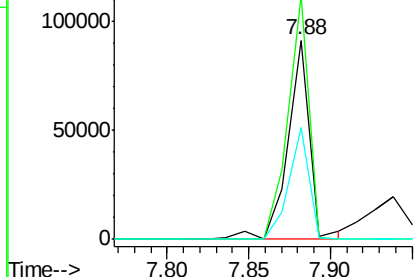
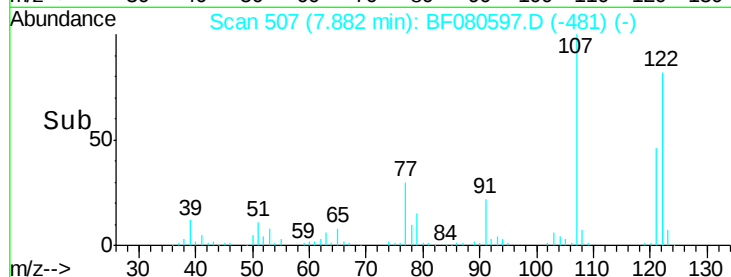
#27
 2,4-Dimethylphenol
 Concen: 40.38 ng
 RT: 7.88 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:122 Resp: 84661
 Ion Ratio Lower Upper
 122 100
 107 122.4 92.3 138.5
 121 56.5 47.1 70.7

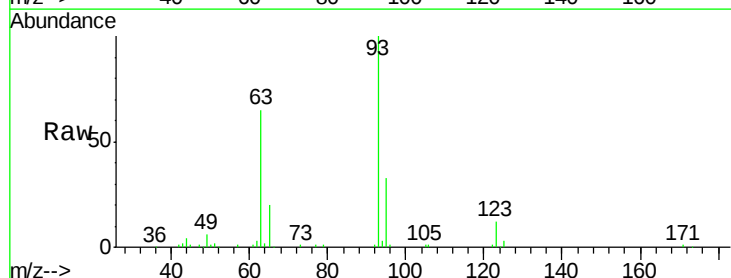


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

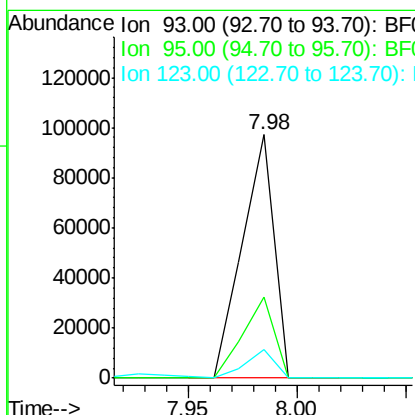
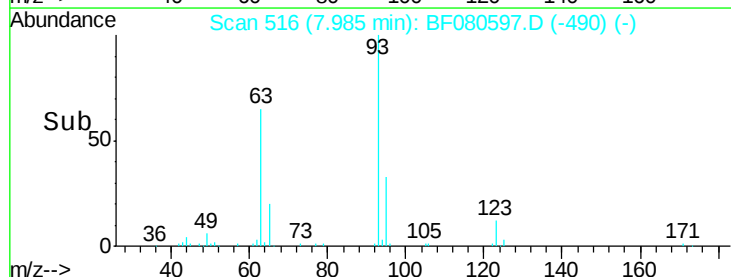


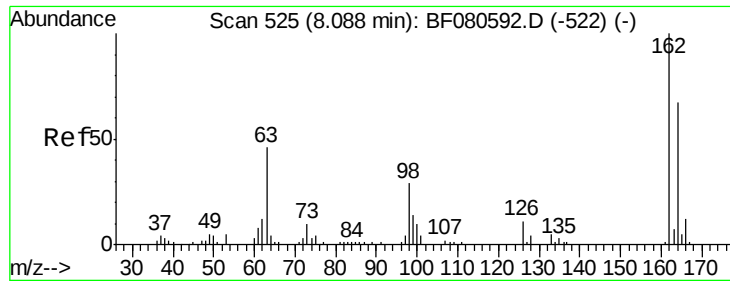
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.81 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion: 93 Resp: 98717
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.9 38.9
 123 11.7 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

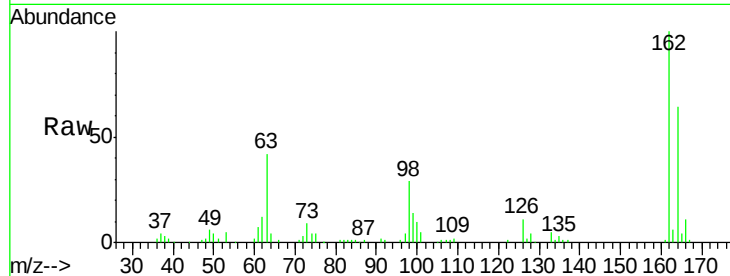




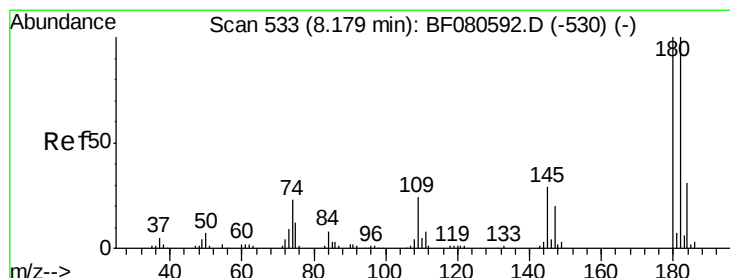
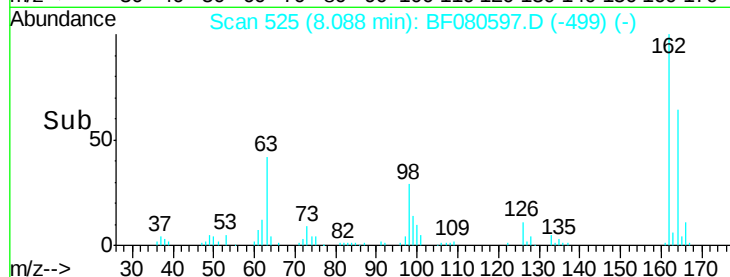
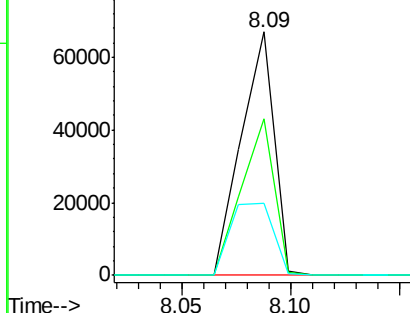
#29
 2,4-Dichlorophenol
 Concen: 41.09 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:162 Resp: 70452
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.1 84.1
 98 29.4 8.9 48.9

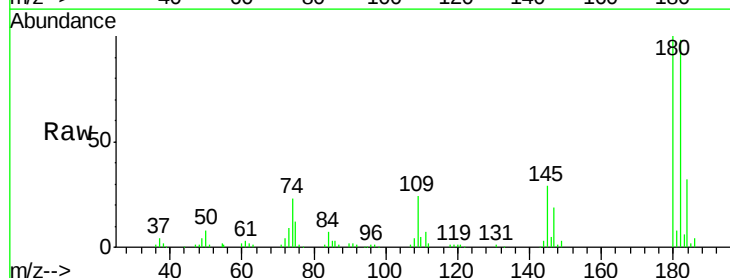


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

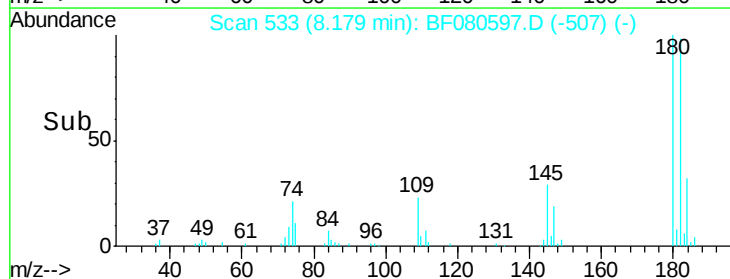
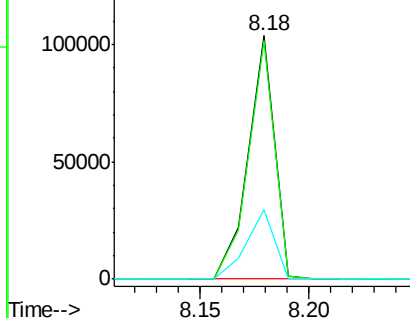


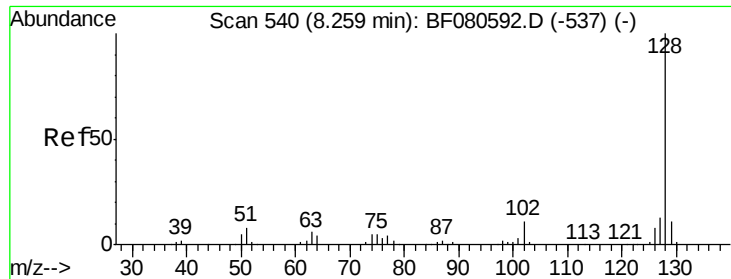
#30
 1,2,4-Trichlorobenzene
 Concen: 39.17 ng
 RT: 8.18 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:180 Resp: 87316
 Ion Ratio Lower Upper
 180 100
 182 97.7 79.0 118.4
 145 28.5 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

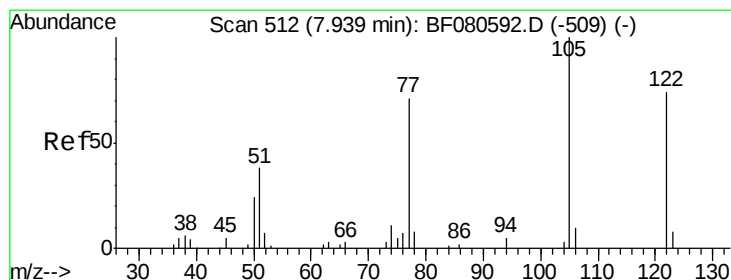
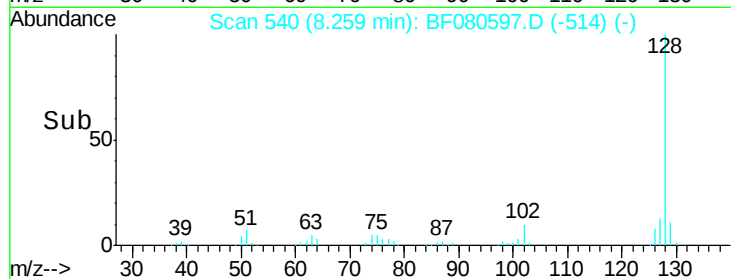
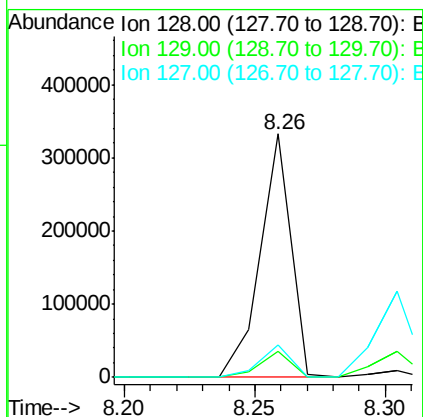
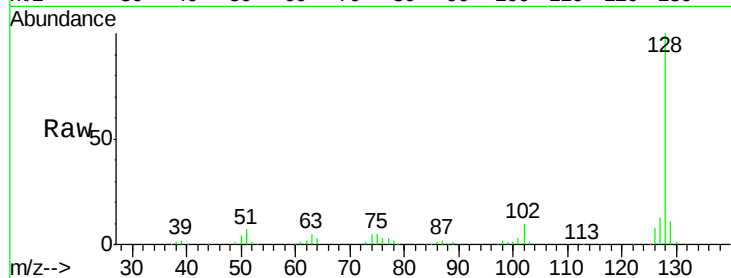




#31
Naphthalene
Concen: 39.18 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

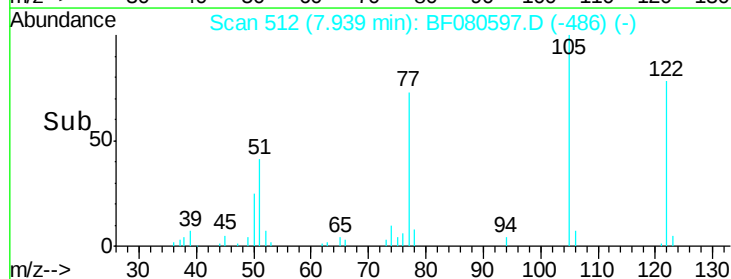
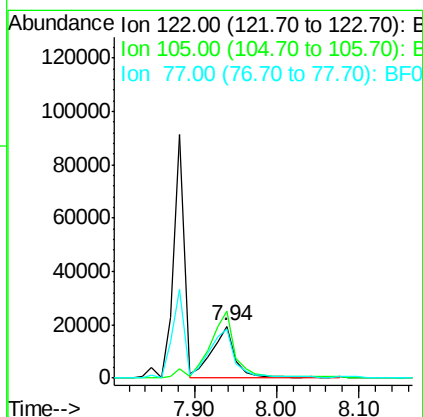
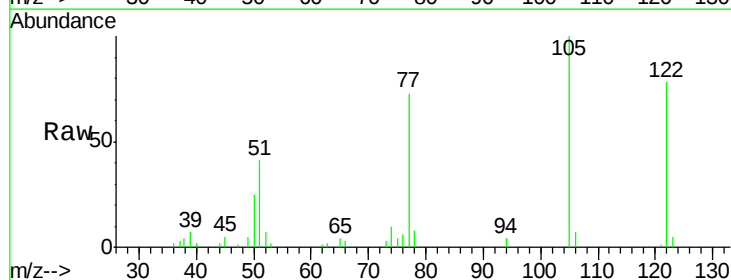
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

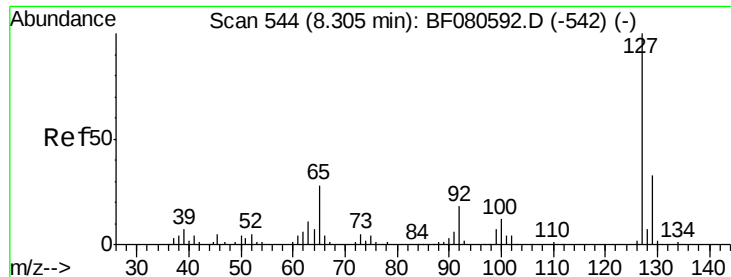
Tgt Ion:128 Resp: 275979
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 41.63 ng m
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:122 Resp: 39660
Ion Ratio Lower Upper
122 100
105 128.0 112.5 152.5
77 93.1 102.5 142.5#

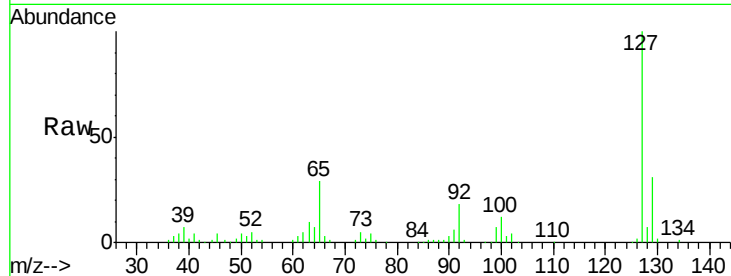




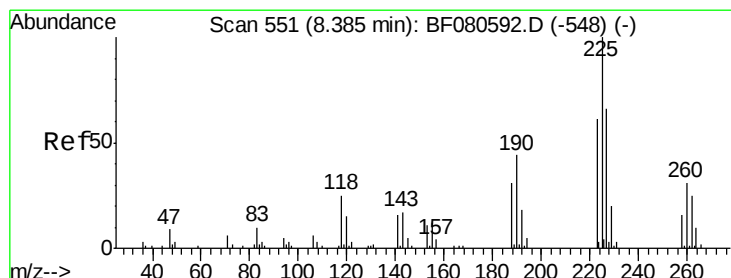
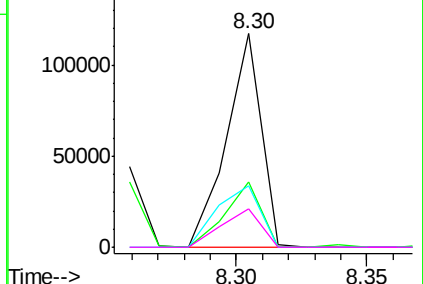
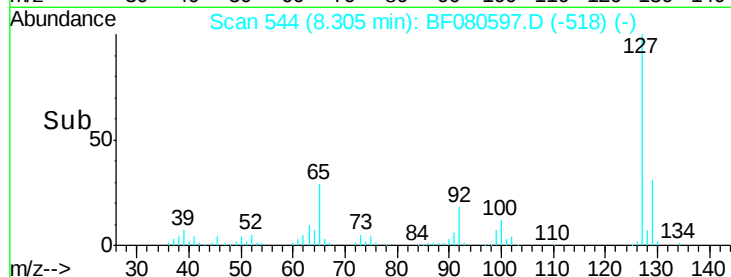
#33
4-Chloroaniline
Concen: 39.47 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Instrument :
BNA_F
ClientSampleId :
ICVBF072315

Tgt Ion:	127	Resp:	109051
Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.8	41.6
65	29.1	21.2	31.8
92	18.0	13.9	20.9

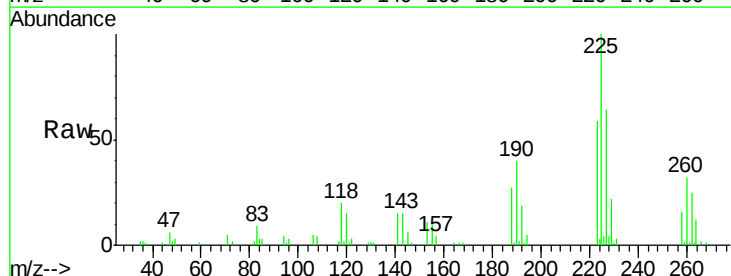


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

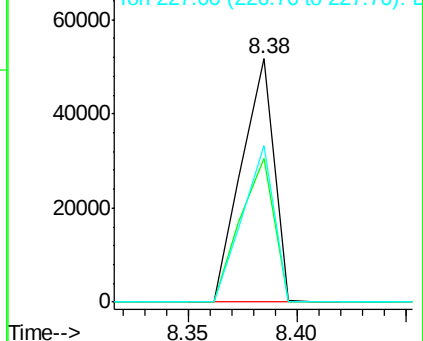
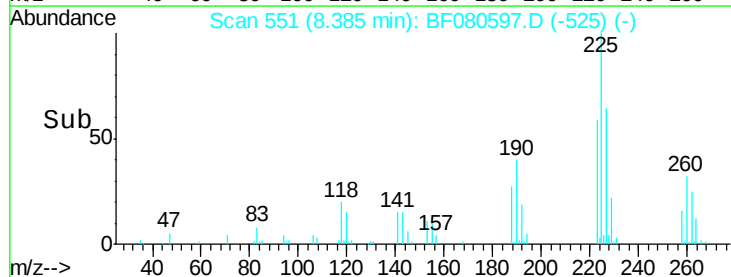


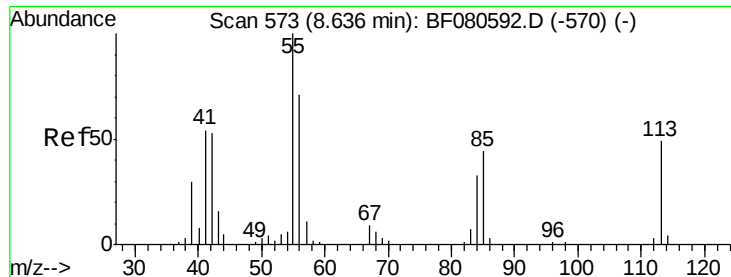
#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:	225	Resp:	53719
Ion	Ratio	Lower	Upper
225	100		
223	59.2	50.3	75.5
227	64.2	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: 42.75 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

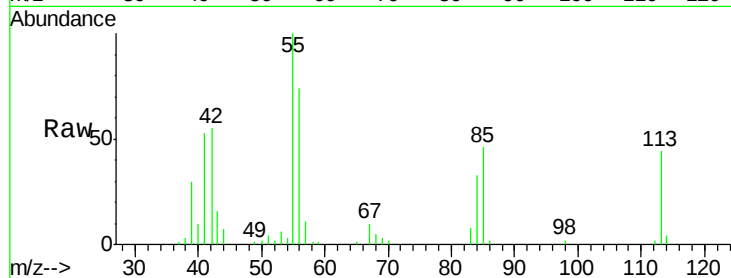
Tgt Ion:113 Resp: 19737

Ion Ratio Lower Upper

113 100

55 226.5 259.3 299.3#

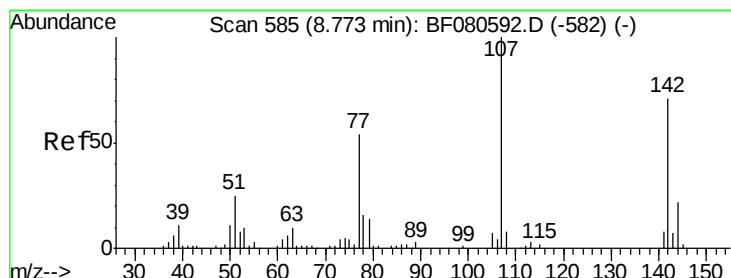
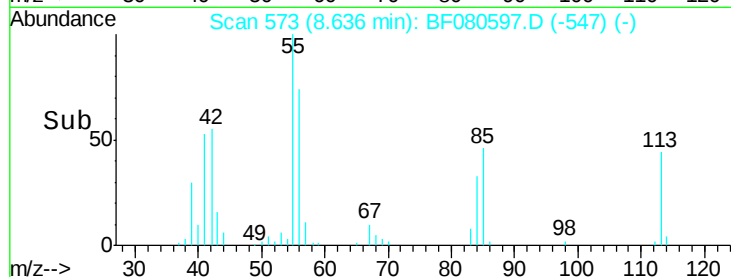
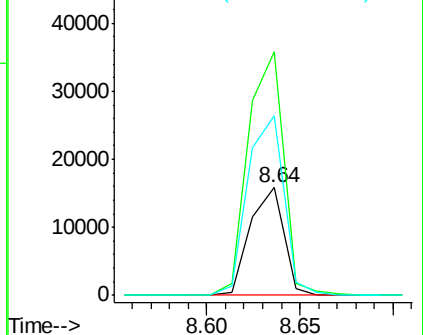
56 166.6 171.6 211.6#



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: 42.94 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

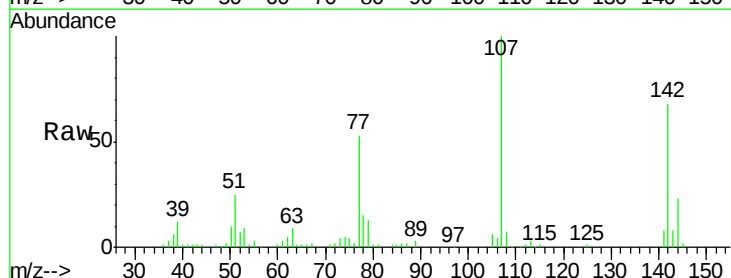
Tgt Ion:107 Resp: 87593

Ion Ratio Lower Upper

107 100

144 23.3 17.7 26.5

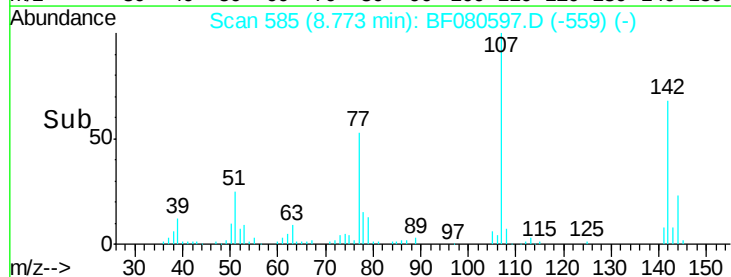
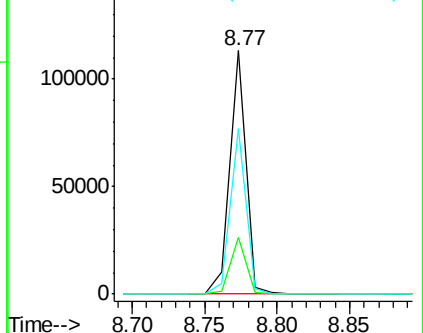
142 67.8 57.7 86.5

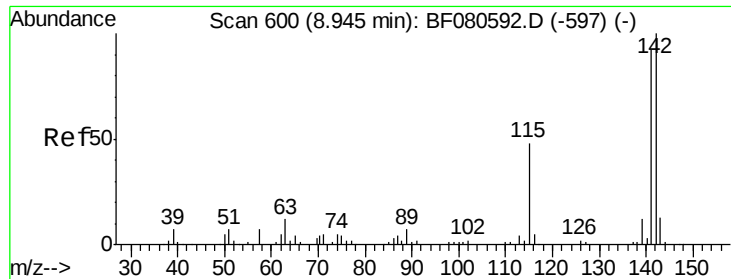


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

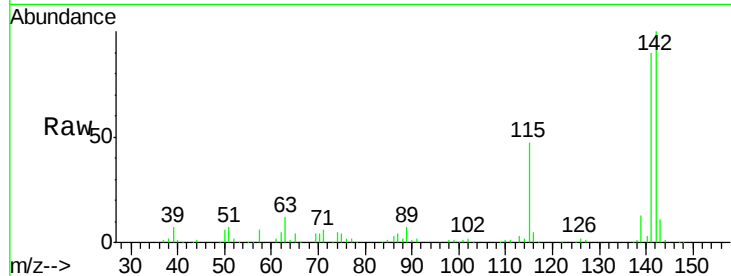




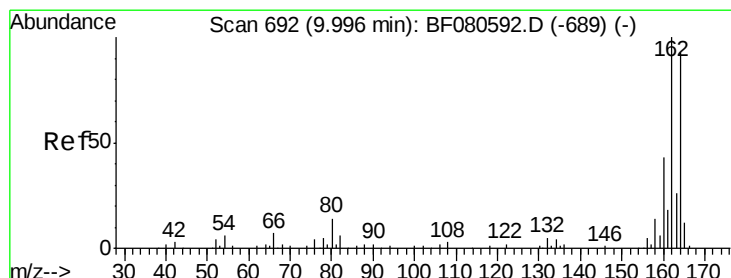
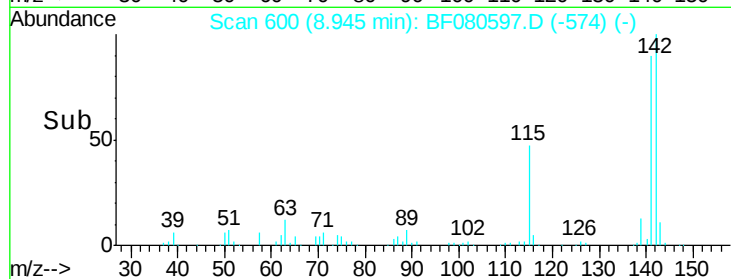
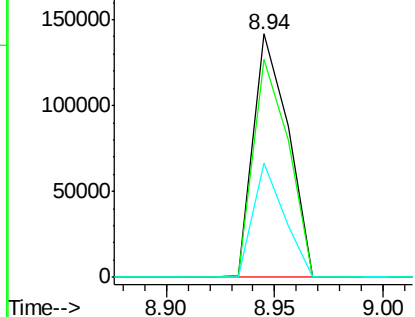
#37
 2-Methylnaphthalene
 Concen: 40.05 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:142 Resp: 157959
 Ion Ratio Lower Upper
 142 100
 141 89.7 72.6 109.0
 115 46.9 38.2 57.2

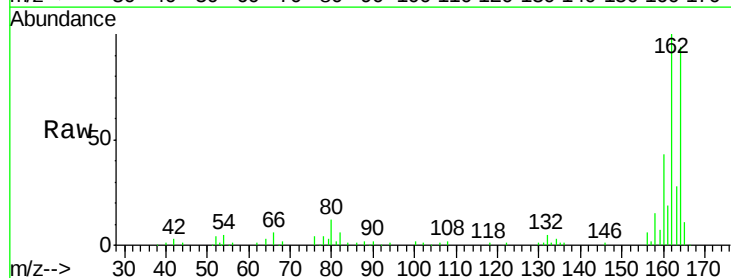


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

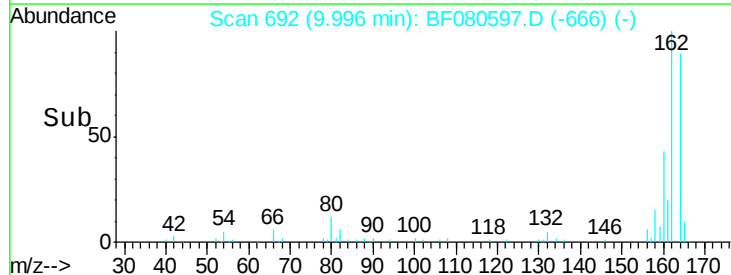
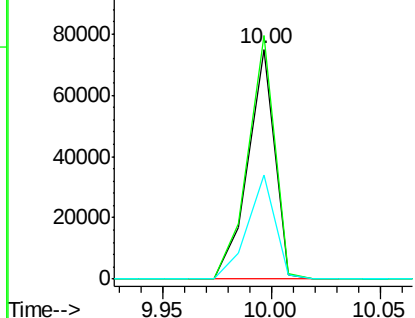


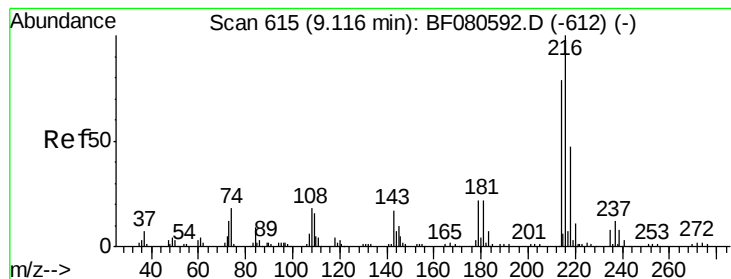
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:164 Resp: 63921
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.2 123.4
 160 45.2 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: 41.83 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

Tgt Ion:216 Resp: 90417

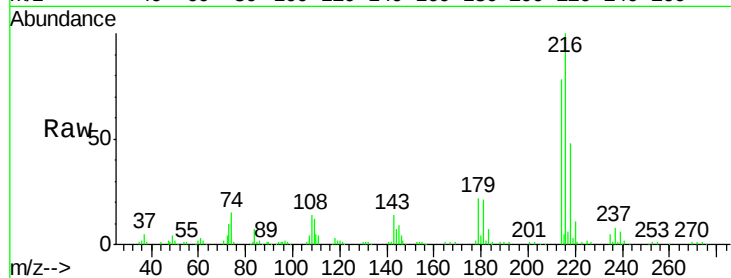
Ion Ratio Lower Upper

216 100

214 77.9 62.6 93.8

179 22.3 18.0 27.0

108 19.3 15.9 23.9

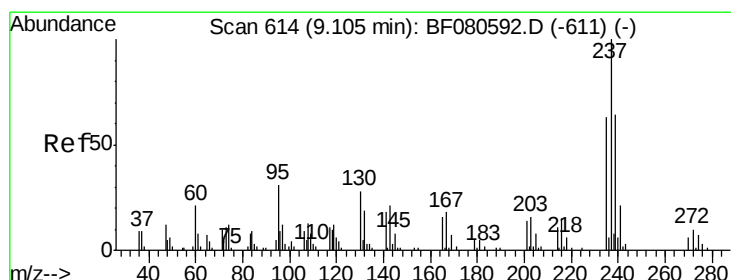
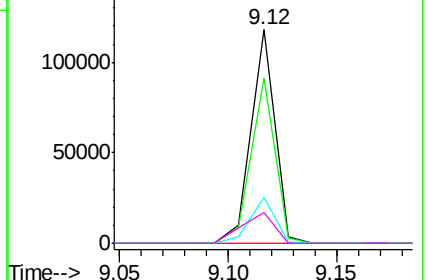
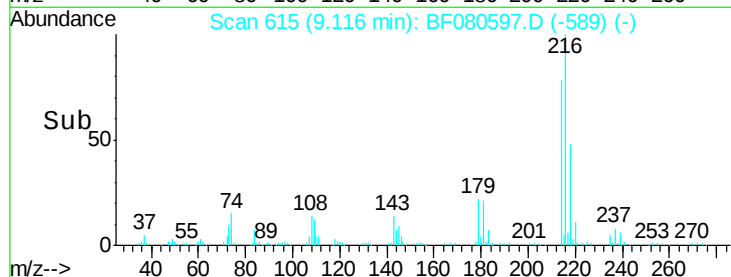


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.57 ng

RT: 9.10 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

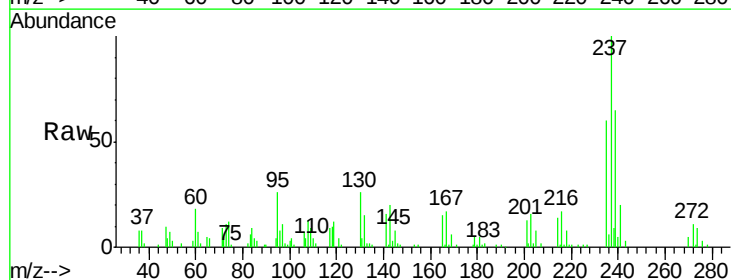
Tgt Ion:237 Resp: 49598

Ion Ratio Lower Upper

237 100

235 60.2 47.3 87.3

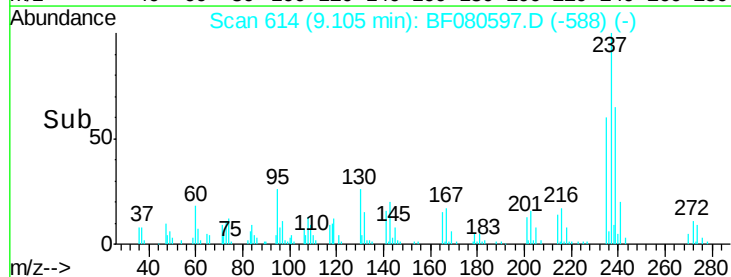
272 10.9 0.0 31.5



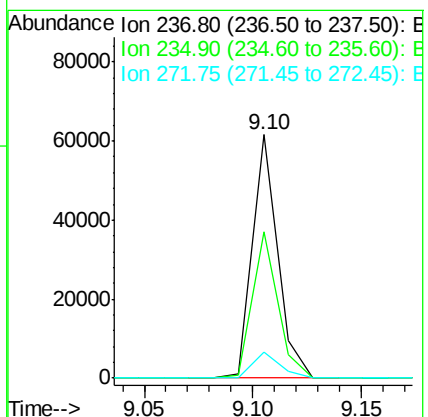
Abundance Ion 236.80 (236.50 to 237.50): E

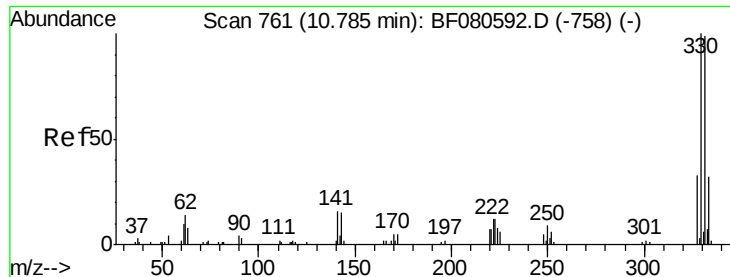
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

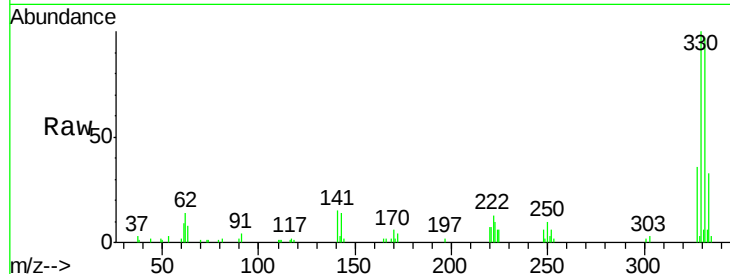




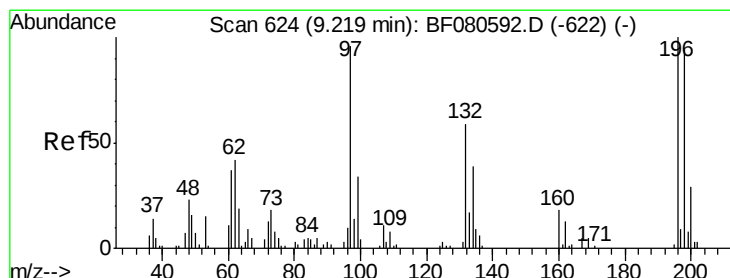
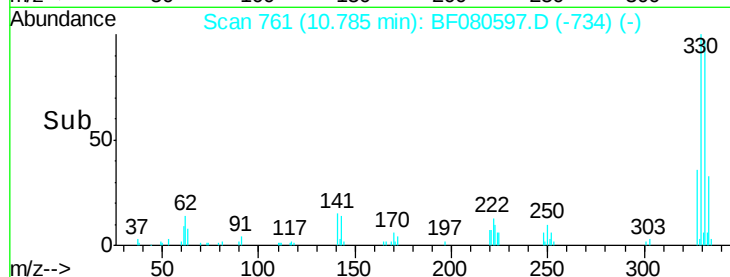
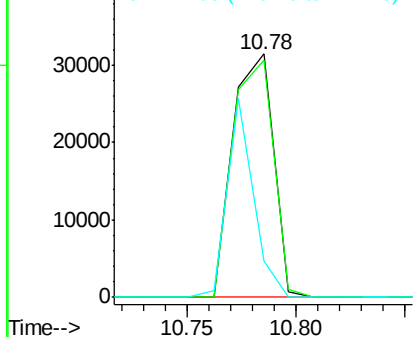
#41
 2,4,6-Tribromophenol
 Concen: 80.36 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:330 Resp: 40700
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.3 117.5
 141 52.4 37.9 56.9

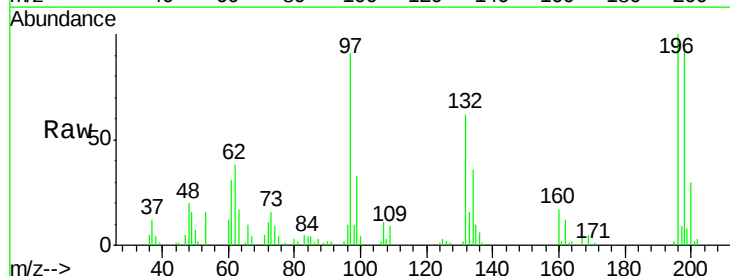


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

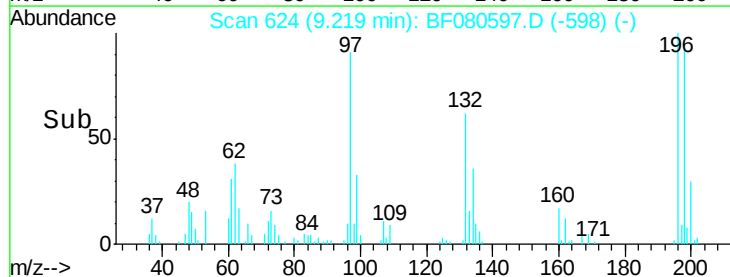
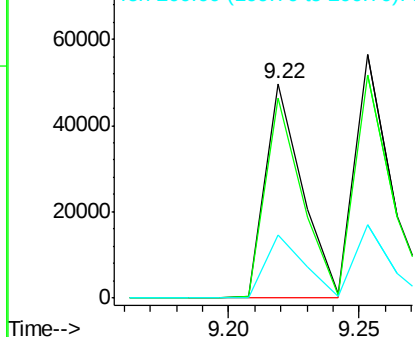


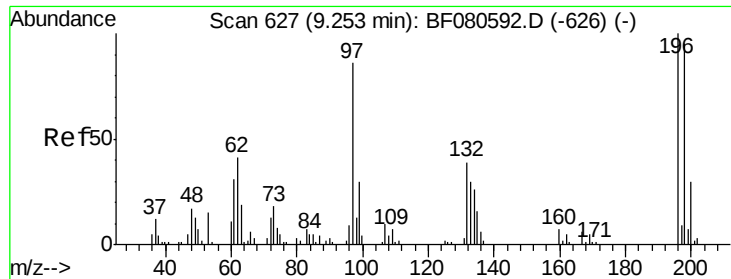
#42
 2,4,6-Trichlorophenol
 Concen: 40.55 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:196 Resp: 49155
 Ion Ratio Lower Upper
 196 100
 198 93.3 73.9 110.9
 200 29.6 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

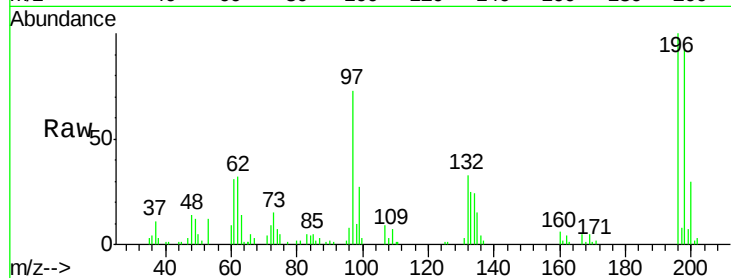




#43
 2,4,5-Trichlorophenol
 Concen: 43.33 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.5	76.9	115.3
97	73.3	63.0	94.4
132	33.5	30.1	45.1



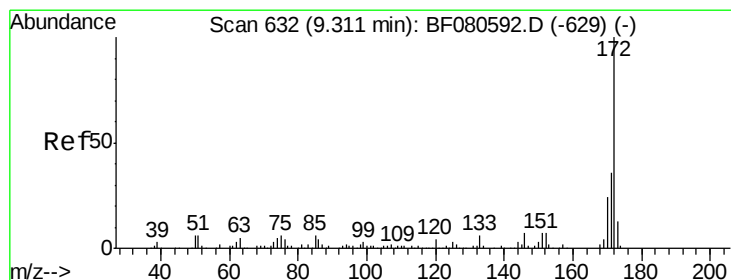
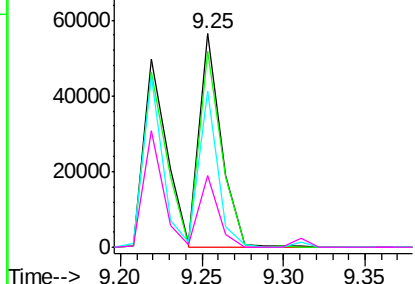
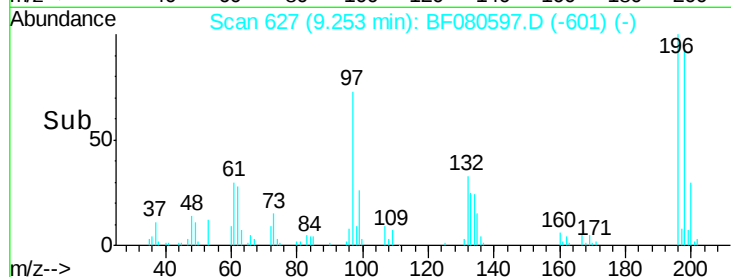
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

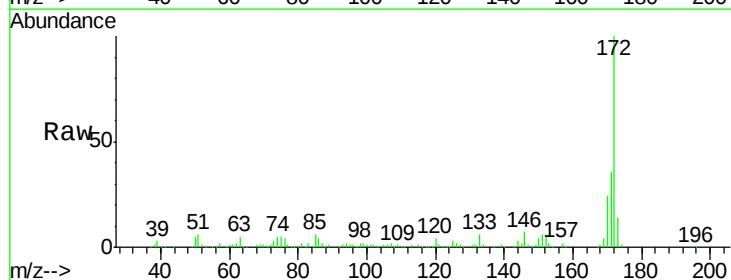
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.90 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.7	41.5
170	24.4	19.1	28.7

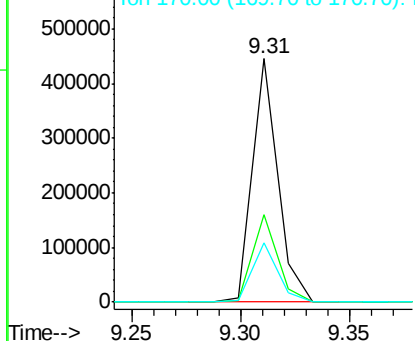
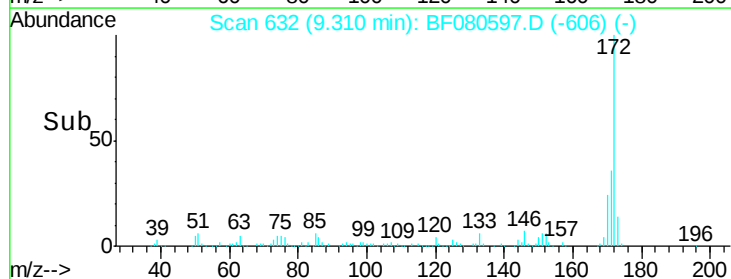


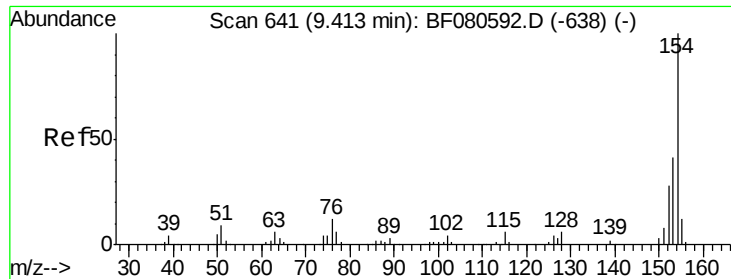
Abundance

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

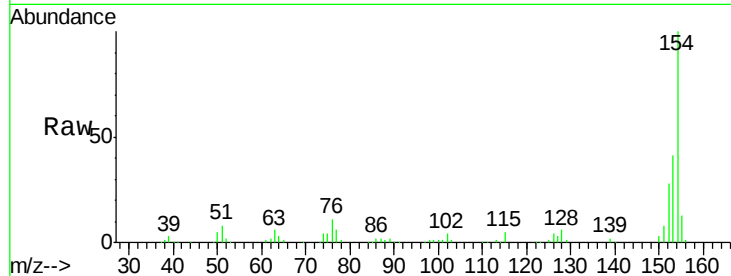




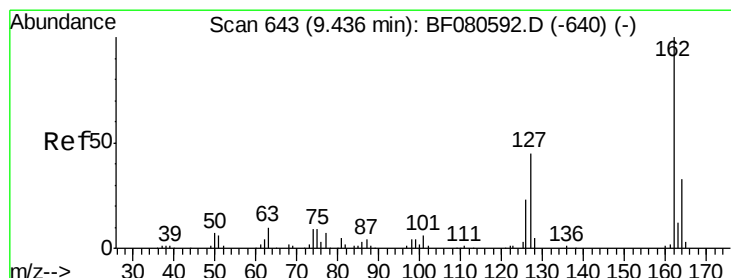
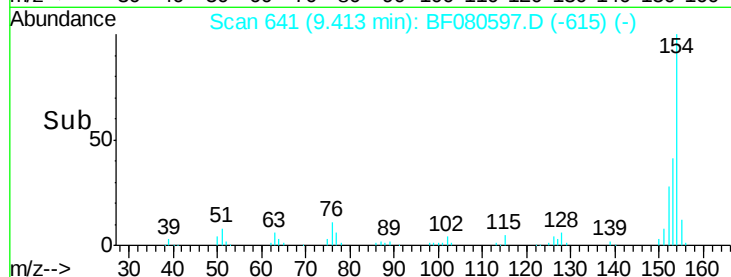
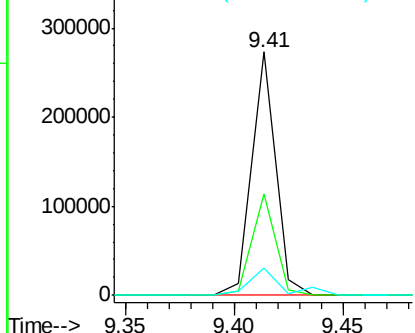
#45
 1,1'-Biphenyl
 Concen: 40.30 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:154 Resp: 209698
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.8 61.8
 76 11.2 0.0 32.1

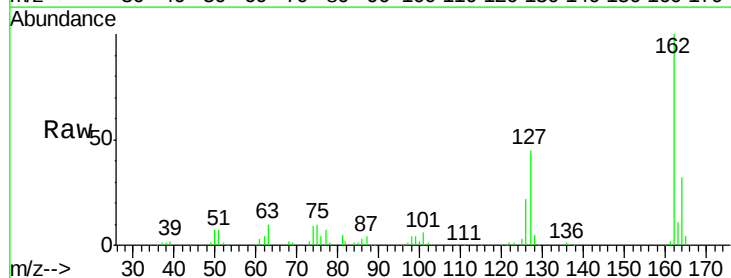


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

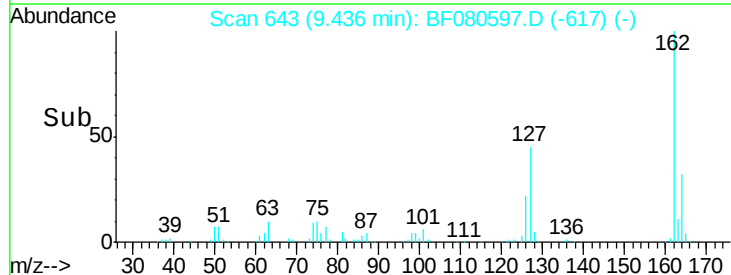
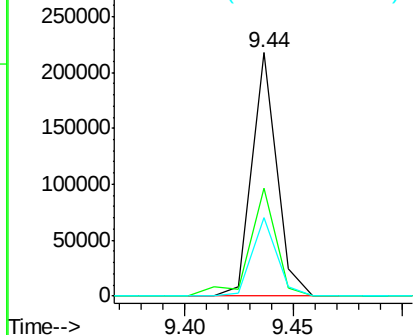


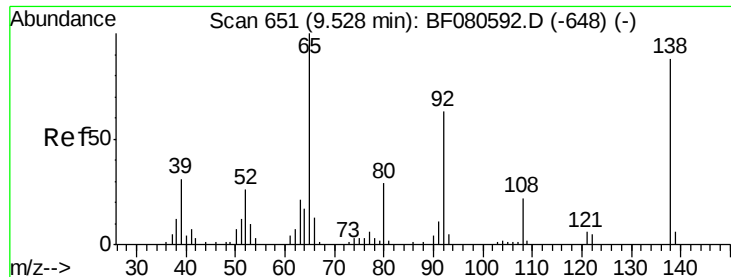
#46
 2-Chloronaphthalene
 Concen: 40.81 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:162 Resp: 171803
 Ion Ratio Lower Upper
 162 100
 127 44.6 37.6 56.4
 164 32.2 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

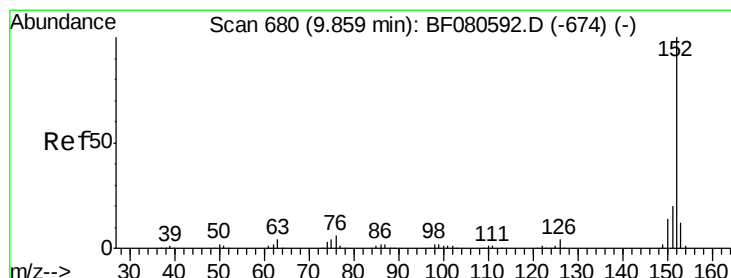
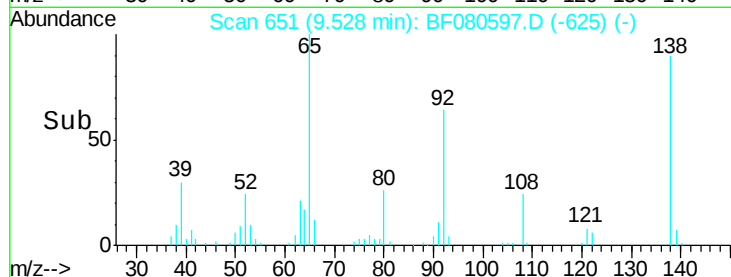
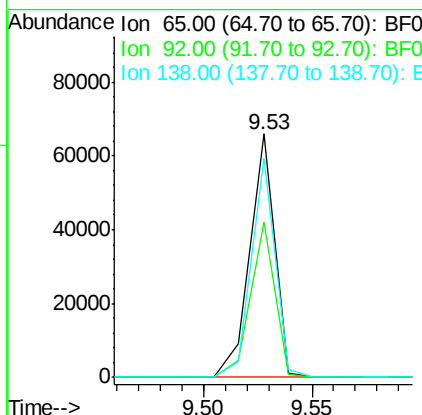
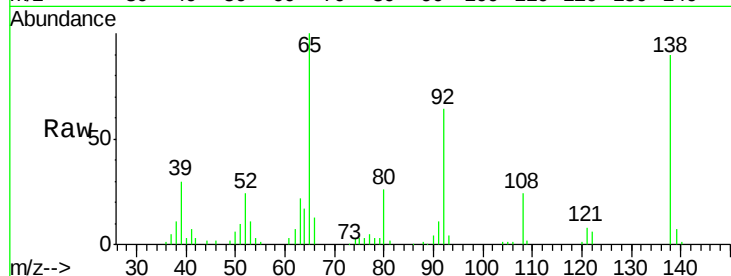




#47
2-Nitroaniline
Concen: 40.70 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

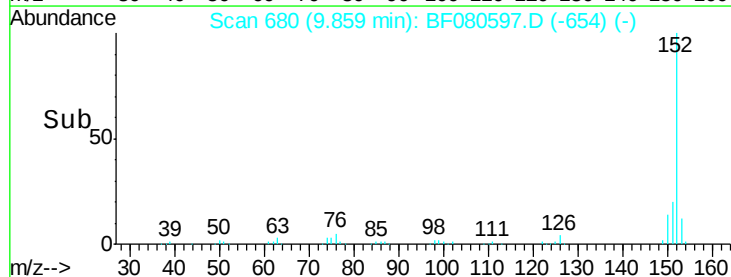
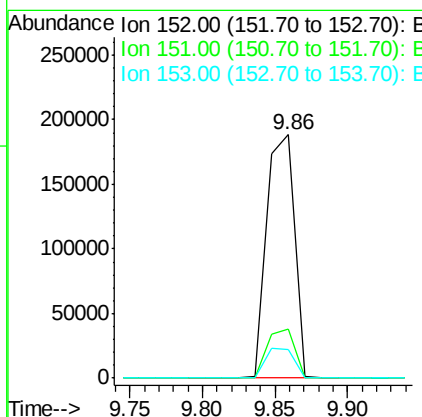
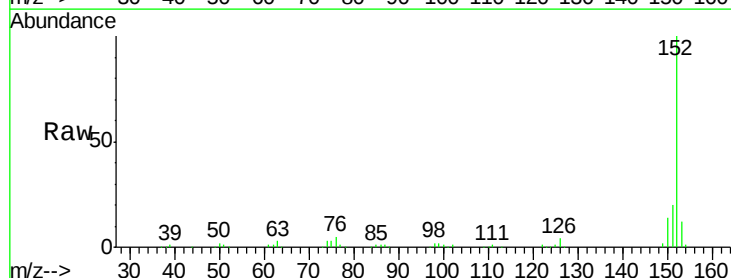
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

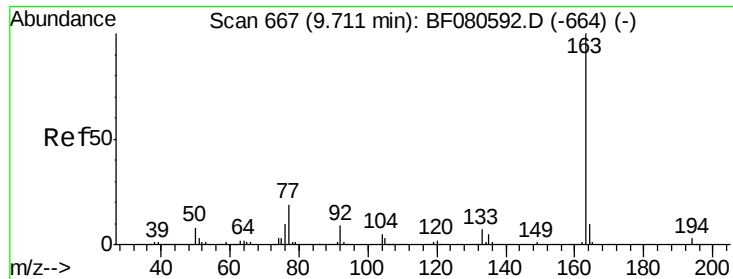
Tgt Ion: 65 Resp: 52251
Ion Ratio Lower Upper
65 100
92 63.6 48.7 73.1
138 89.9 66.8 100.2



#48
Acenaphthylene
Concen: 40.16 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion: 152 Resp: 250438
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 11.5 9.7 14.5

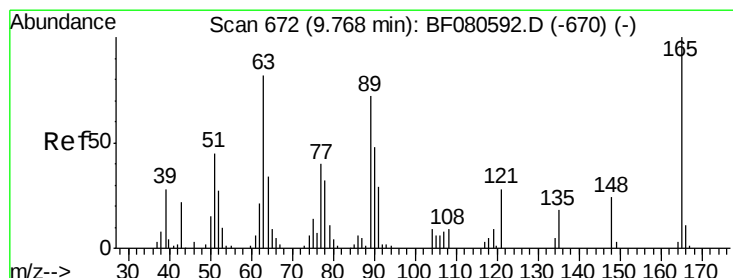
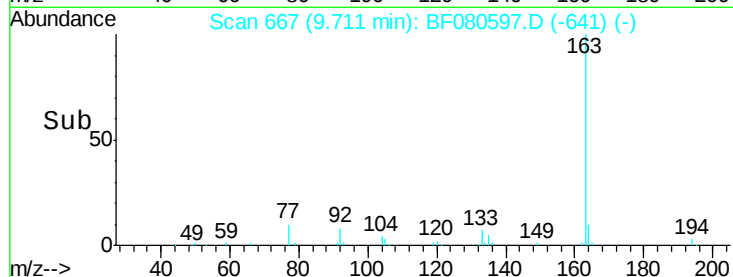
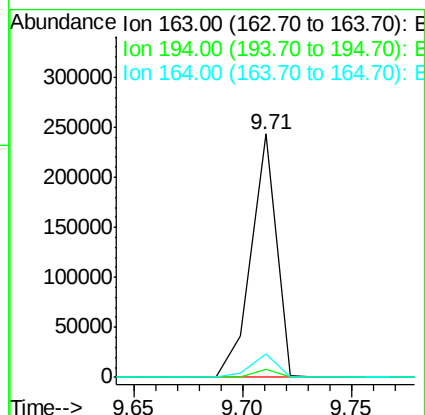
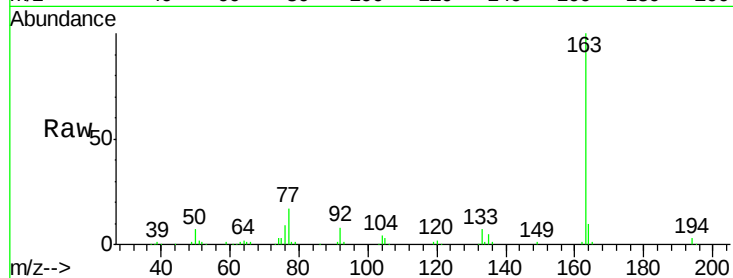




#49
Dimethylphthalate
Concen: 41.79 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

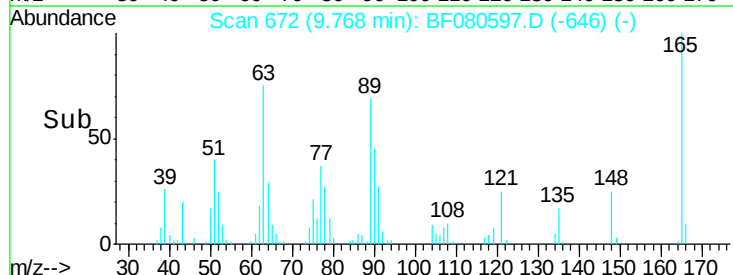
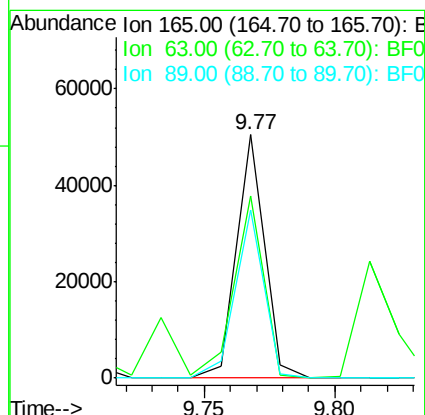
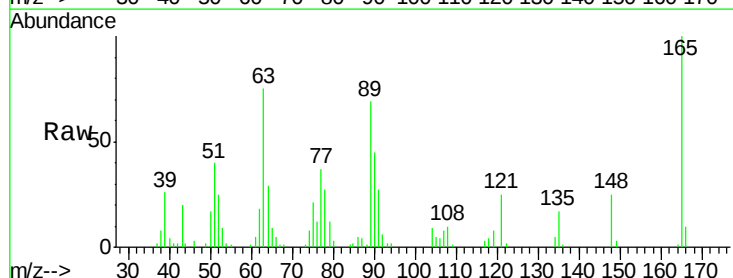
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

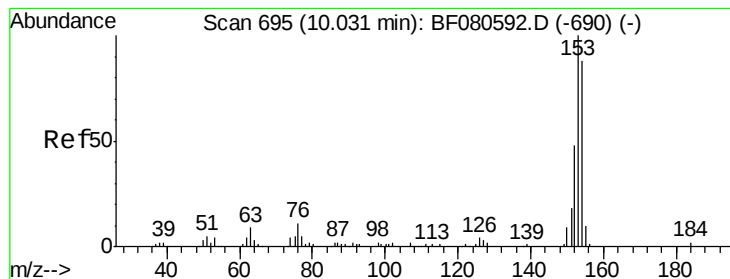
Tgt Ion:163 Resp: 196525
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 9.7 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 43.45 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:165 Resp: 38220
Ion Ratio Lower Upper
165 100
63 75.0 59.0 88.6
89 69.0 56.9 85.3





#51

Acenaphthene

Concen: 40.08 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

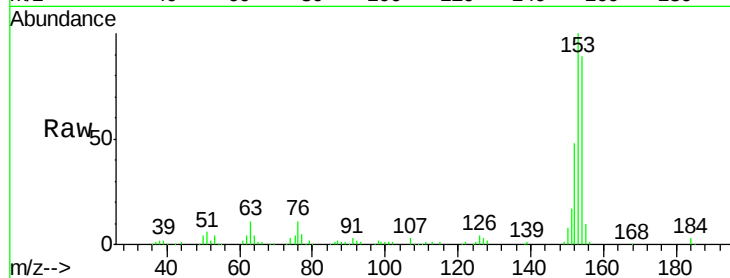
Tgt Ion:154 Resp: 150133

Ion Ratio Lower Upper

154 100

153 111.8 92.2 138.2

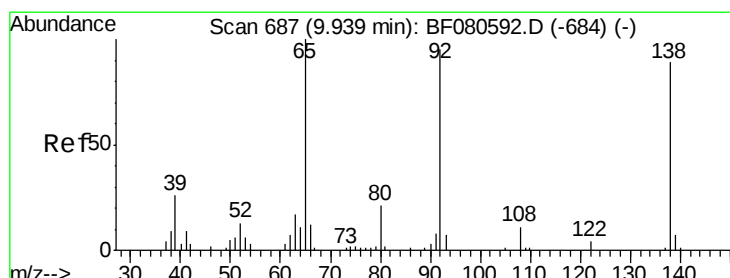
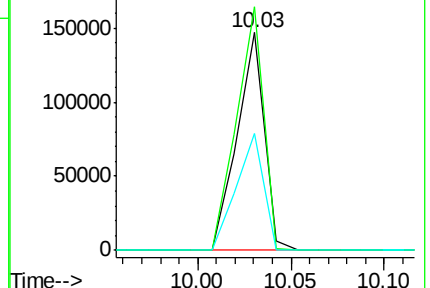
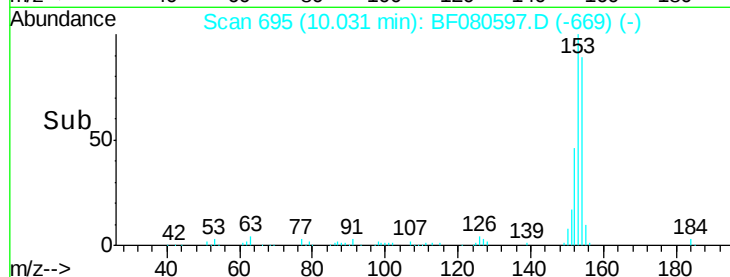
152 53.5 43.6 65.4



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: 39.59 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

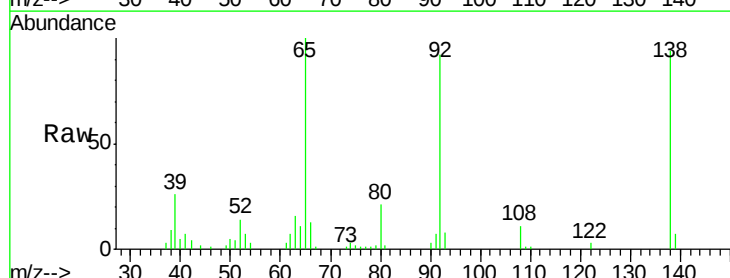
Tgt Ion:138 Resp: 37878

Ion Ratio Lower Upper

138 100

108 11.9 13.7 20.5#

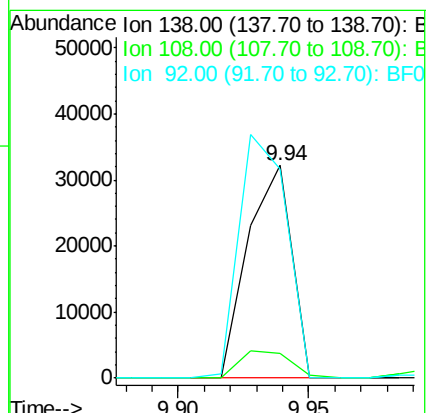
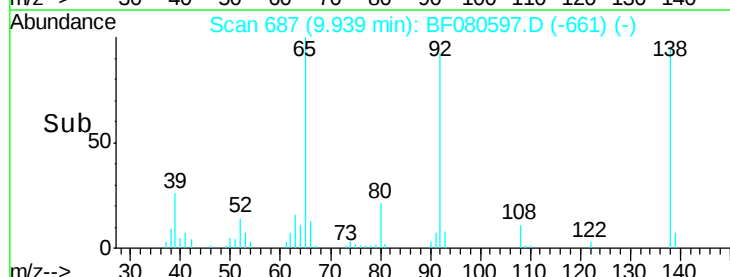
92 98.4 81.0 121.4

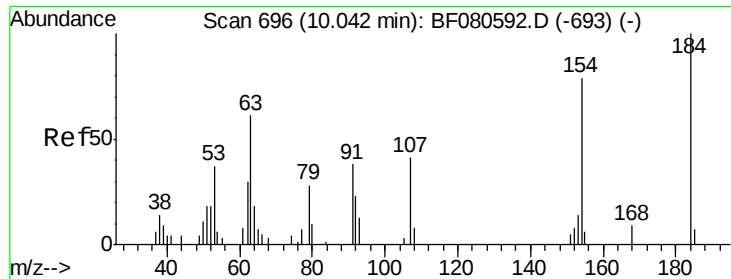


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

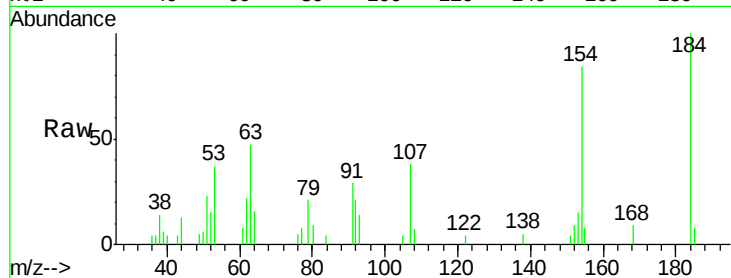




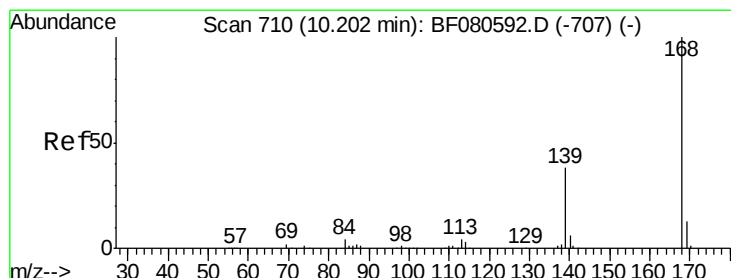
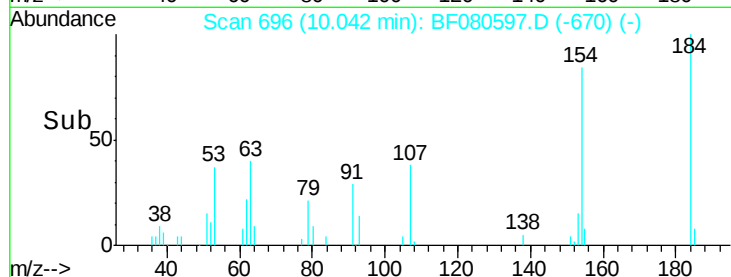
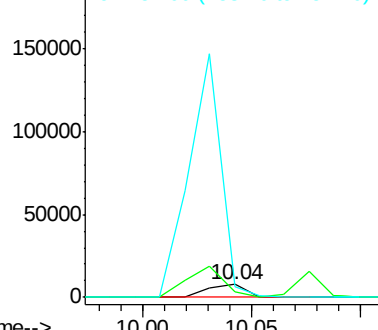
#53
 2,4-Dinitrophenol
 Concen: 39.79 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:184 Resp: 9510
 Ion Ratio Lower Upper
 184 100
 63 47.1 54.9 82.3#
 154 84.2 94.2 141.4#

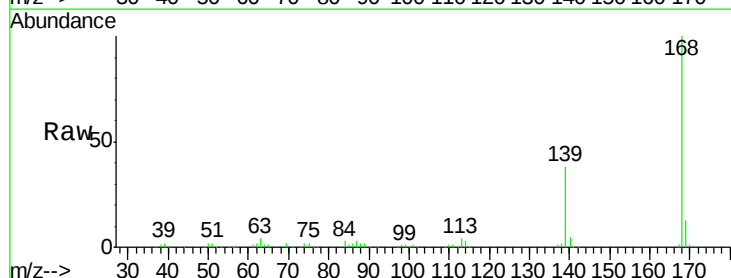


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

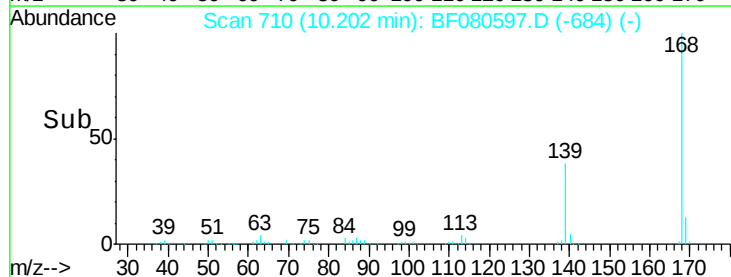
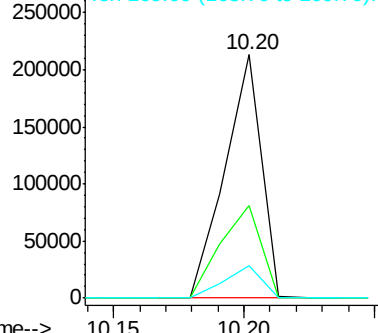


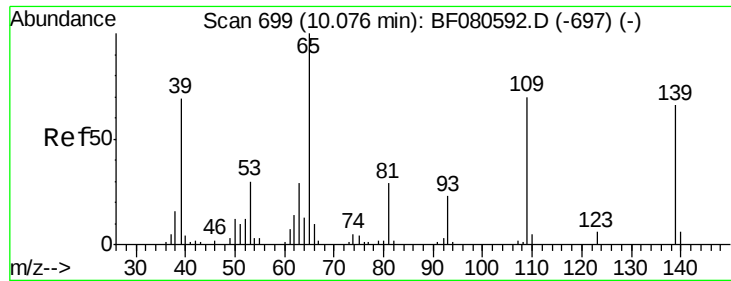
#54
 Dibenzofuran
 Concen: 38.74 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:168 Resp: 209752
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.7 46.1
 169 13.3 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

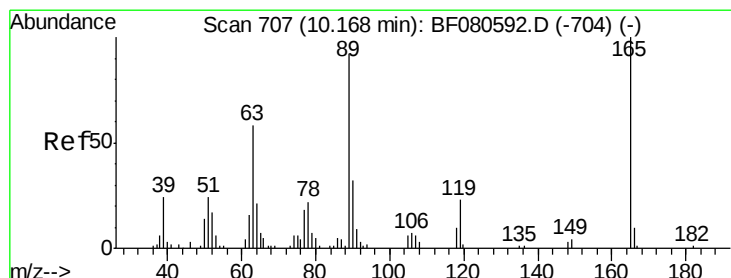
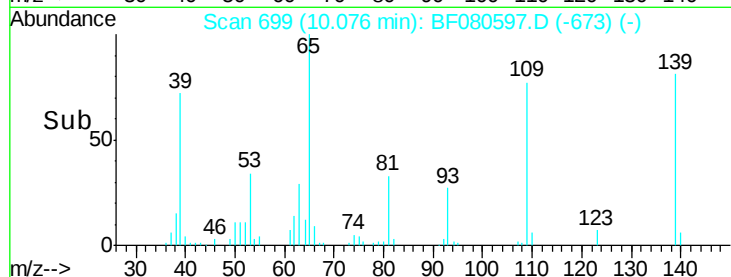
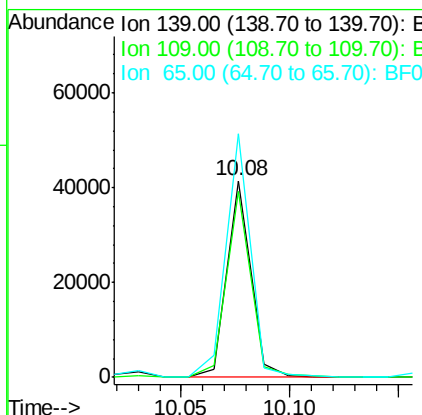
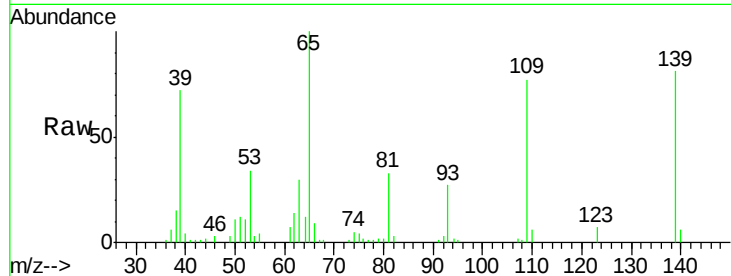




#55
4-Nitrophenol
Concen: 45.94 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

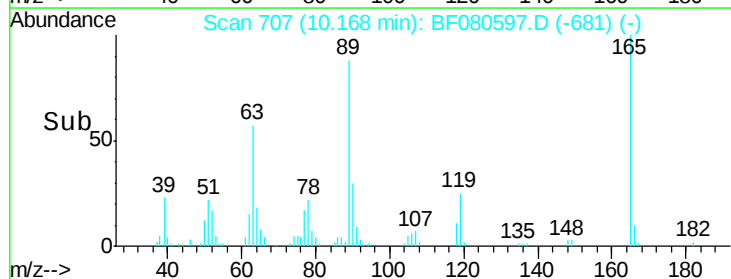
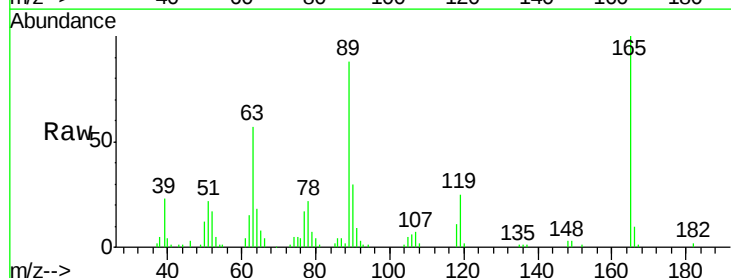
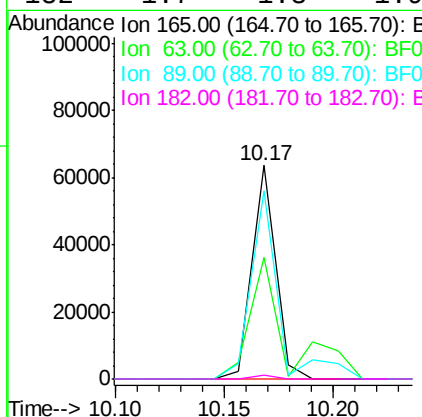
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

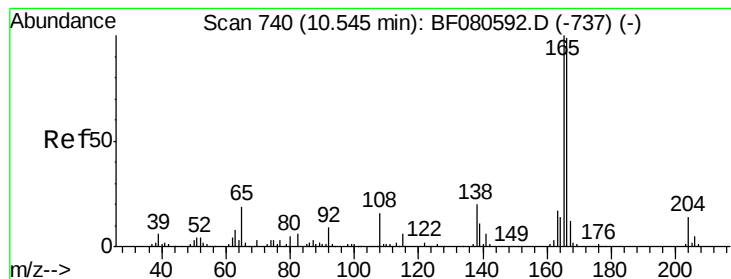
Tgt Ion:139 Resp: 31747
Ion Ratio Lower Upper
139 100
109 94.8 75.9 115.9
65 123.8 109.4 149.4



#56
2,4-Dinitrotoluene
Concen: 43.59 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:165 Resp: 48028
Ion Ratio Lower Upper
165 100
63 57.0 48.1 72.1
89 88.3 77.4 116.0
182 1.7 1.3 1.9





#57

Fluorene

Concen: 39.45 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

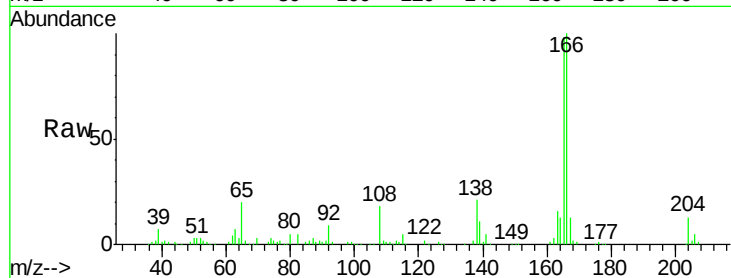
Tgt Ion:166 Resp: 171459

Ion Ratio Lower Upper

166 100

165 98.3 77.7 116.5

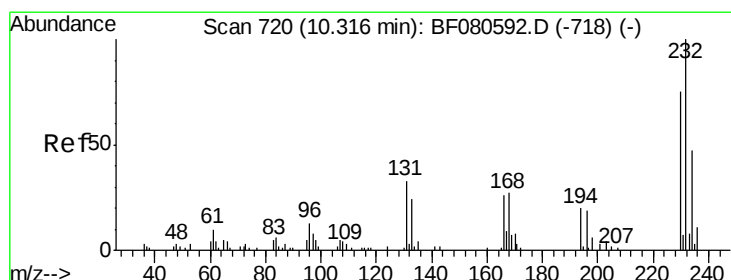
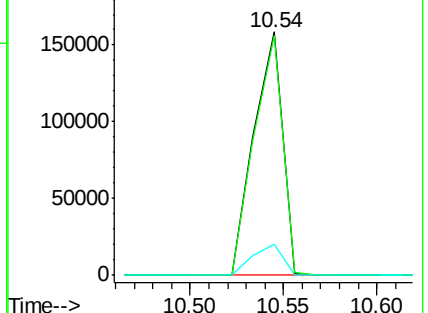
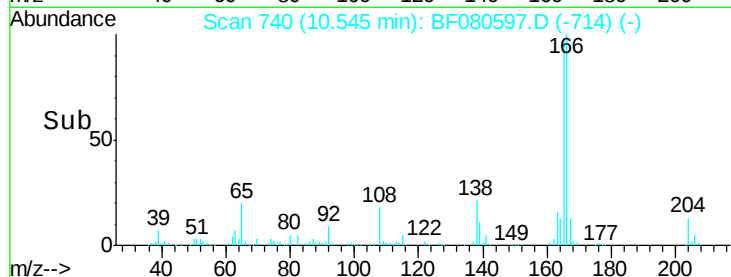
167 12.8 10.5 15.7



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: 40.01 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Tgt Ion:232 Resp: 38101

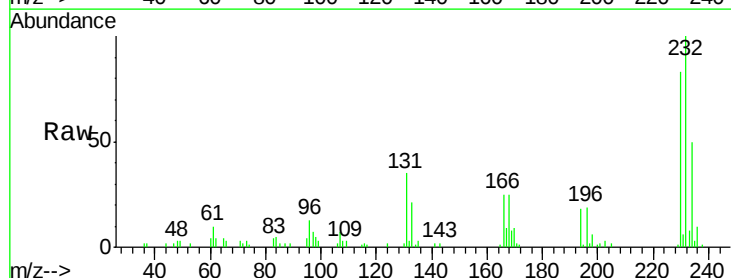
Ion Ratio Lower Upper

232 100

131 58.4 41.4 62.0

130 3.0 1.9 2.9#

166 35.6 25.7 38.5

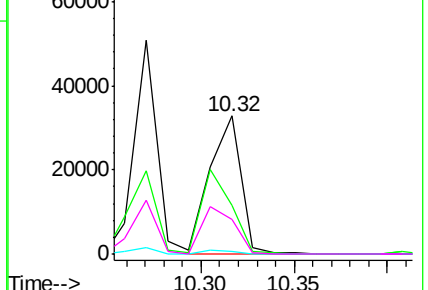
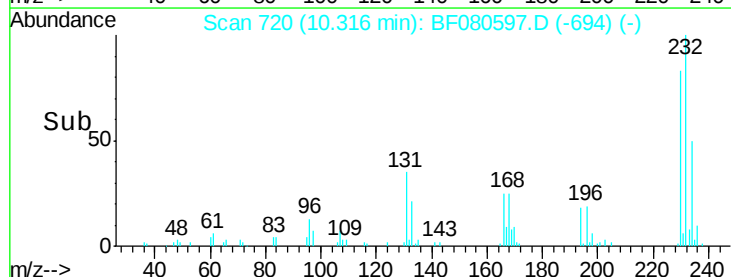


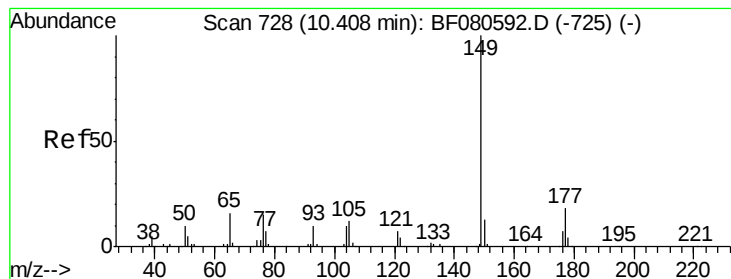
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.03 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

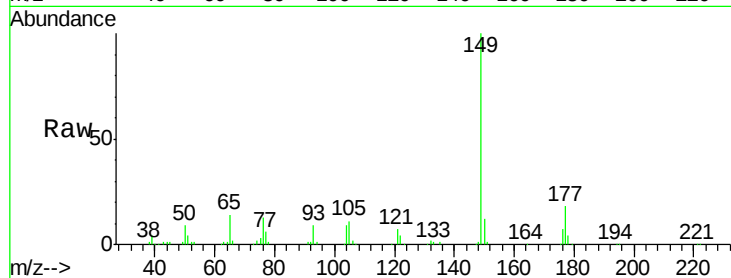
Tgt Ion:149 Resp: 180071

Ion Ratio Lower Upper

149 100

177 17.6 14.9 22.3

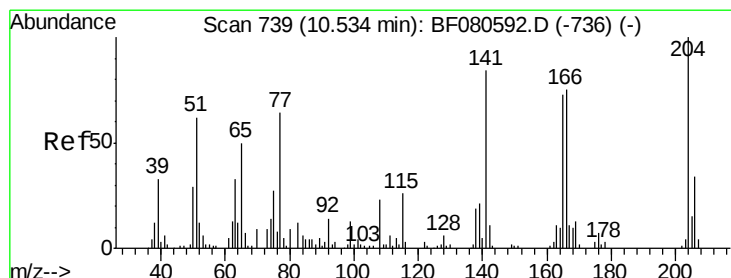
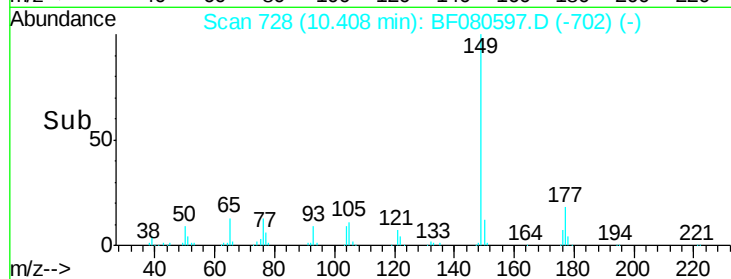
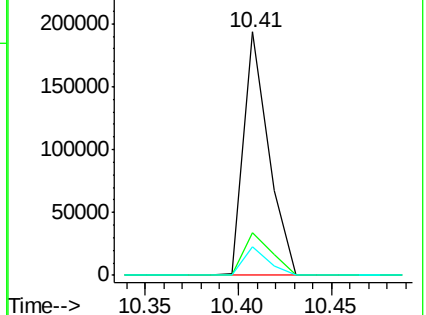
150 11.9 10.0 15.0



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: 39.77 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

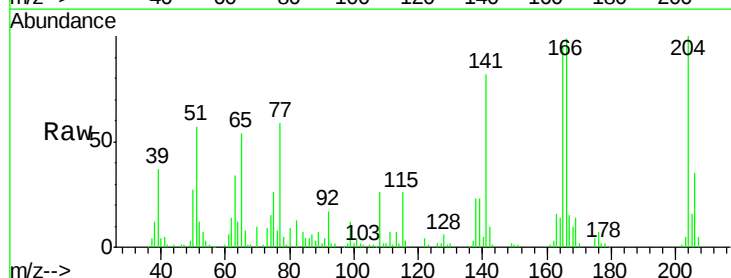
Tgt Ion:204 Resp: 77631

Ion Ratio Lower Upper

204 100

206 35.4 27.1 40.7

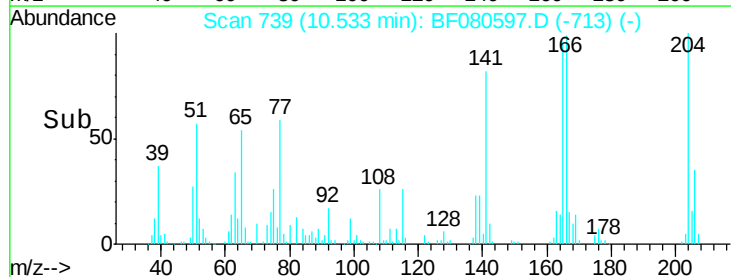
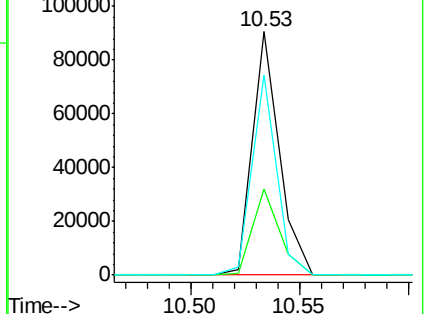
141 82.3 68.3 102.5

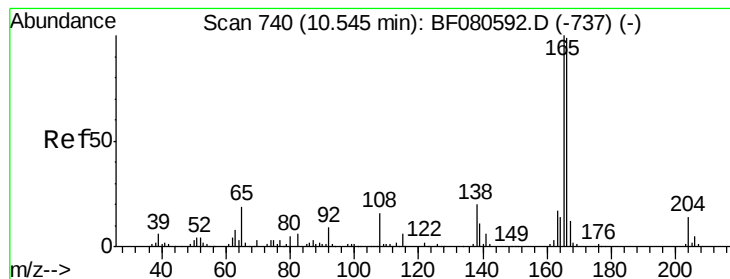


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.56 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

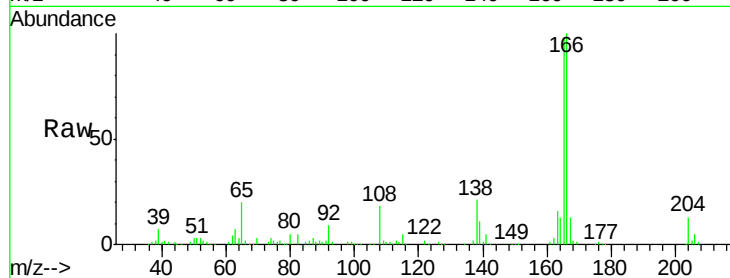
Tgt Ion:138 Resp: 37154

Ion Ratio Lower Upper

138 100

92 44.5 22.6 62.6

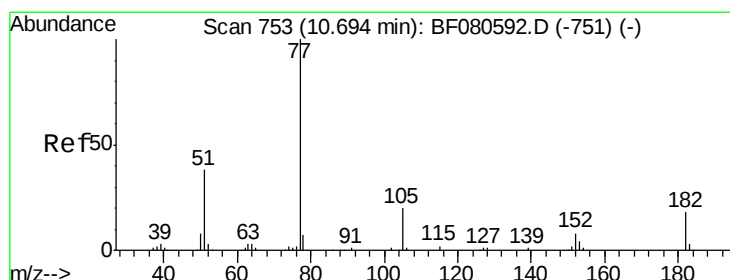
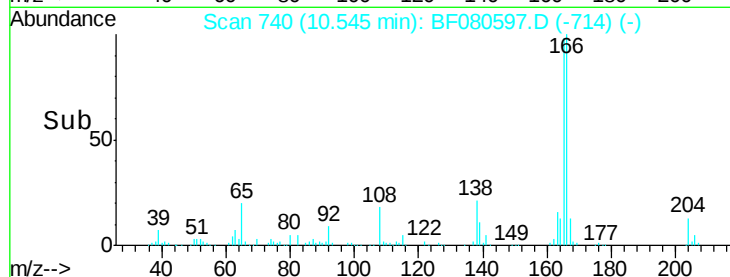
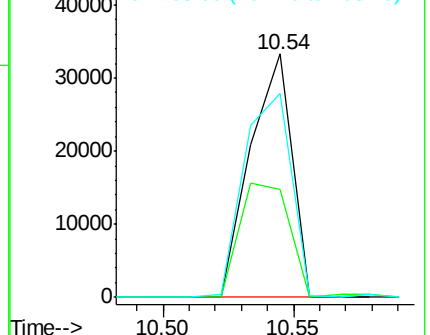
108 83.9 62.0 102.0



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: 41.92 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Tgt Ion: 77 Resp: 192758

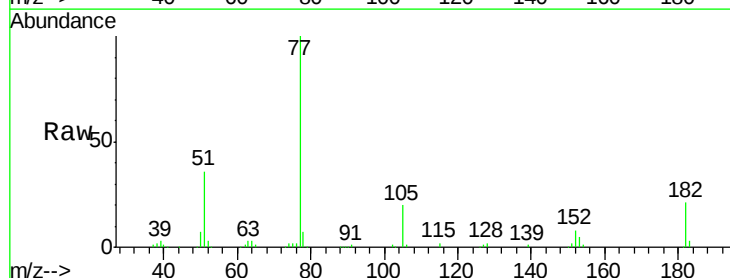
Ion Ratio Lower Upper

77 100

182 21.0 0.0 37.8

105 20.0 0.1 40.1

51 36.4 18.8 58.8

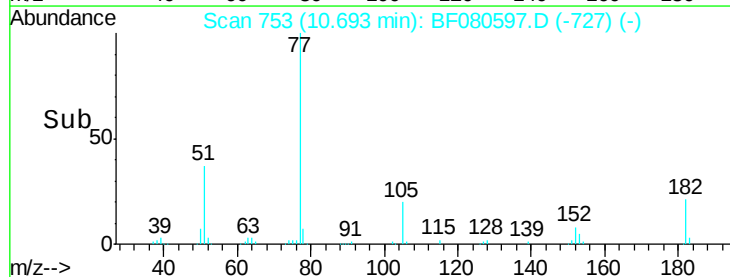
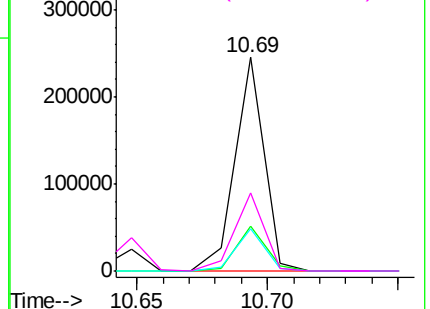


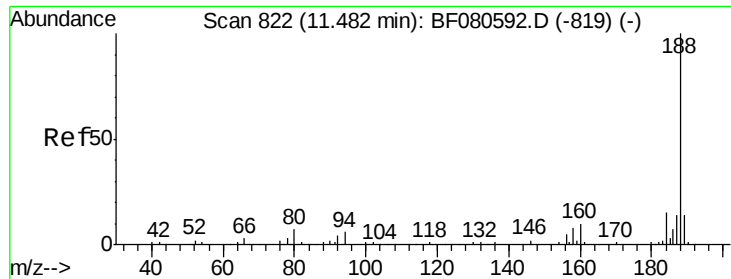
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

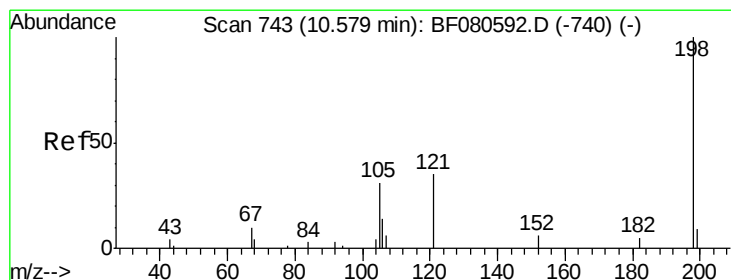
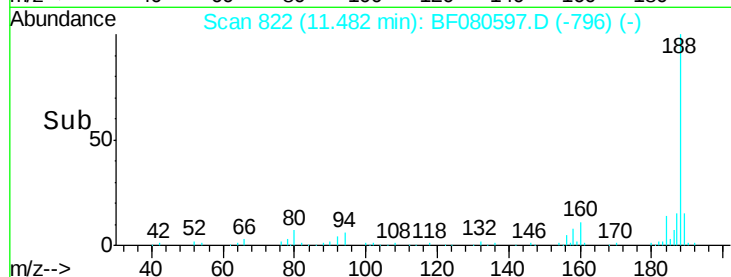
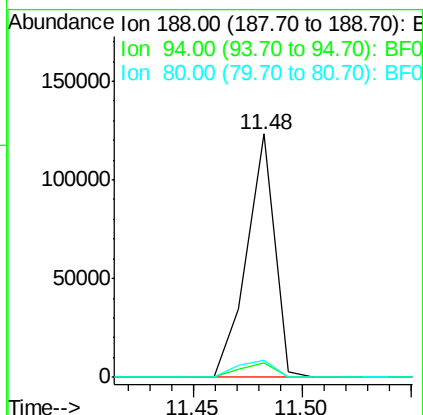
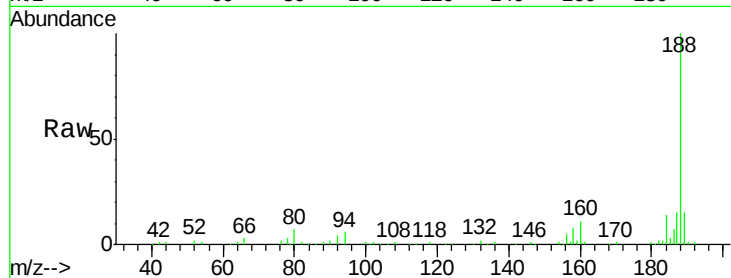




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

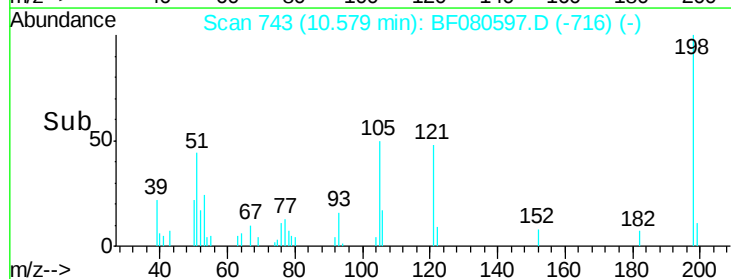
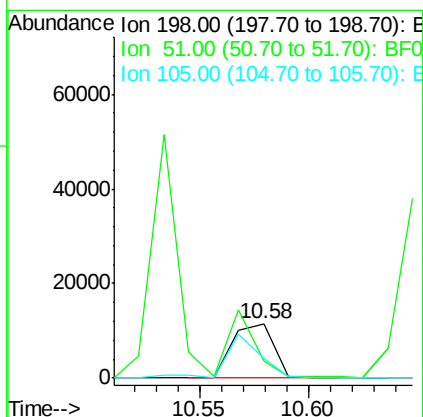
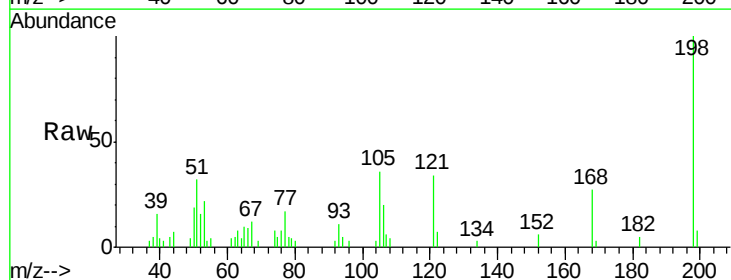
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

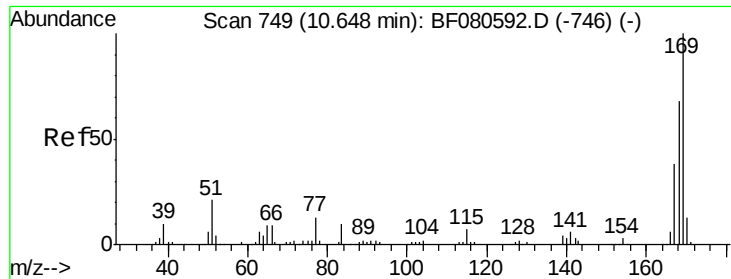
Tgt Ion:188 Resp: 110300
Ion Ratio Lower Upper
188 100
94 6.0 6.1 9.1#
80 6.8 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.28 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:198 Resp: 15081
Ion Ratio Lower Upper
198 100
51 31.5 32.0 72.0#
105 35.8 16.3 56.3

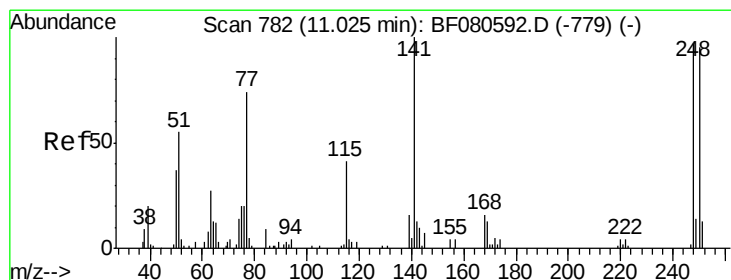
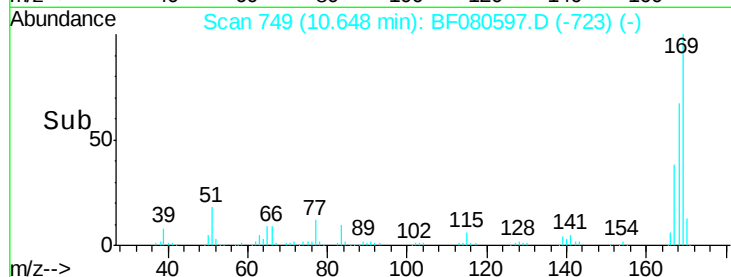
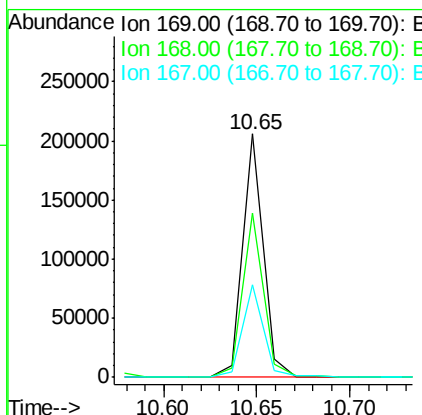
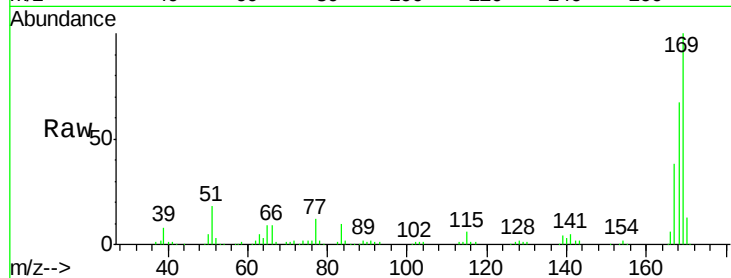




#65
 n-Nitrosodiphenylamine
 Concen: 43.82 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

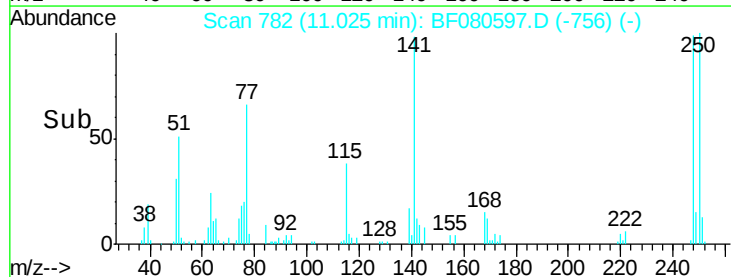
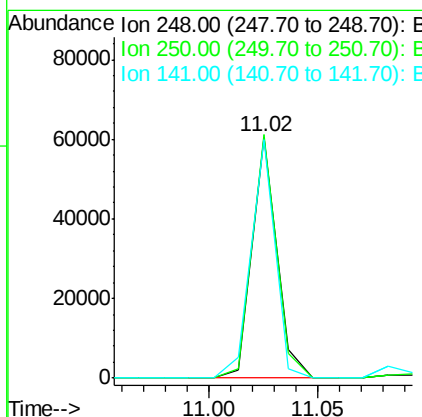
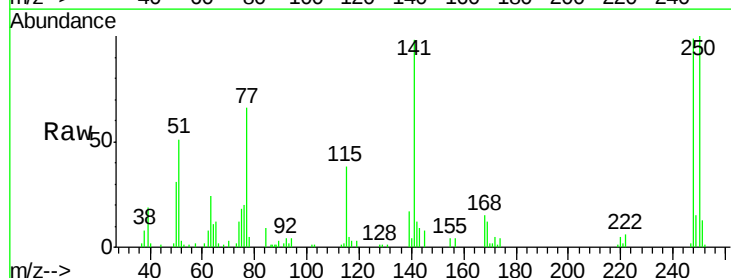
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

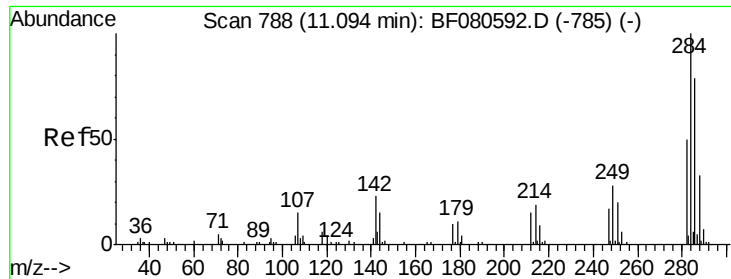
Tgt Ion:169 Resp: 158589
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.3 79.9
 167 37.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.63 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:248 Resp: 47796
 Ion Ratio Lower Upper
 248 100
 250 100.9 75.4 113.2
 141 98.9 93.4 140.0





#67

Hexachlorobenzene

Concen: 38.69 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

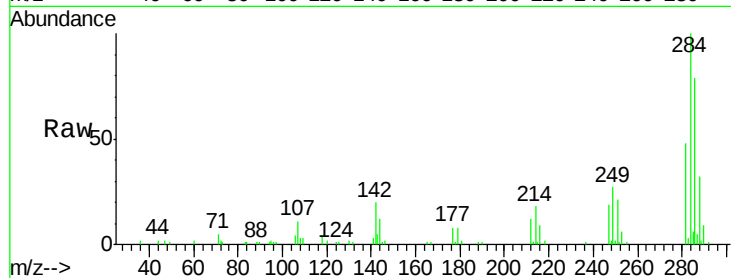
Tgt Ion:284 Resp: 48982

Ion Ratio Lower Upper

284 100

142 20.0 22.4 33.6#

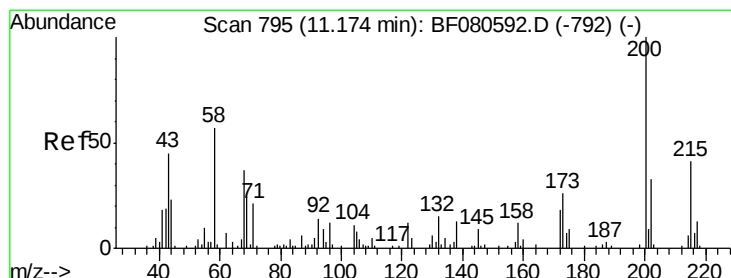
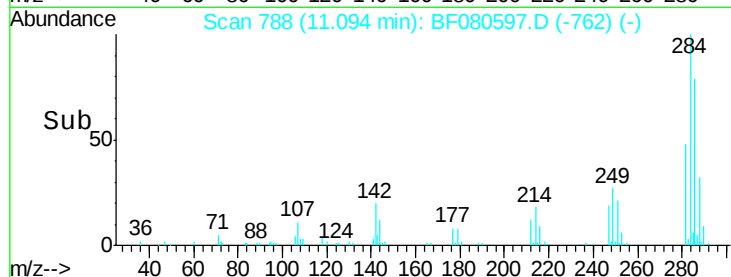
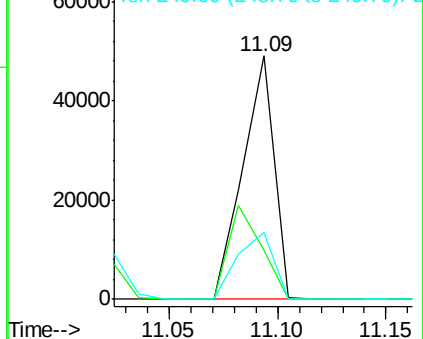
249 27.3 25.0 37.4



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: 42.97 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

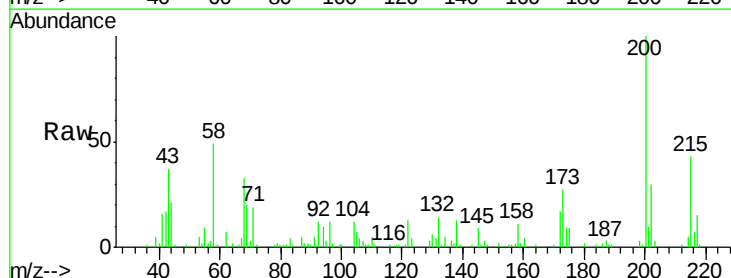
Tgt Ion:200 Resp: 42733

Ion Ratio Lower Upper

200 100

173 27.5 4.6 44.6

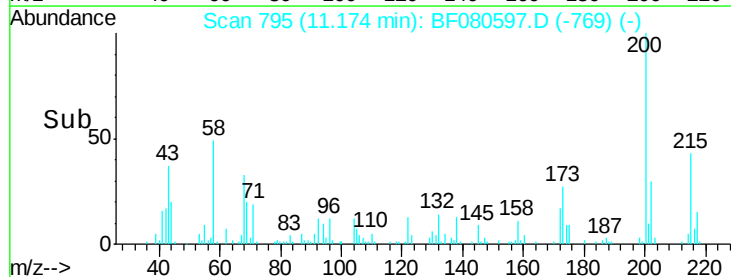
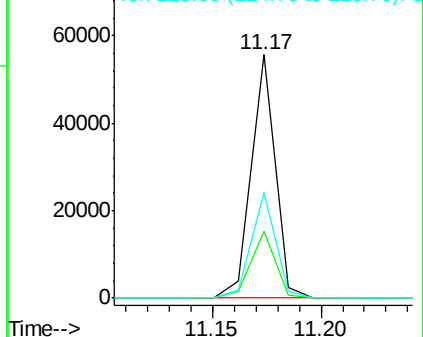
215 43.5 22.9 62.9

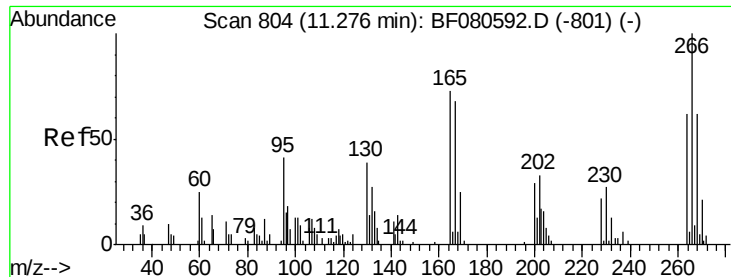


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

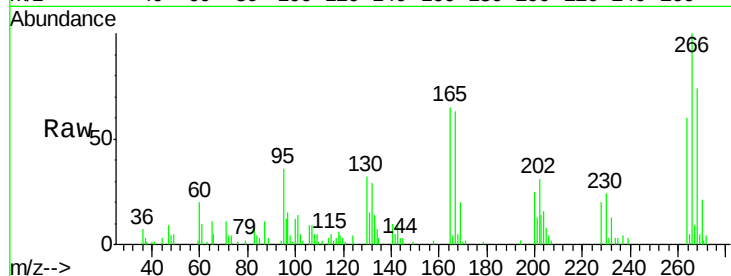




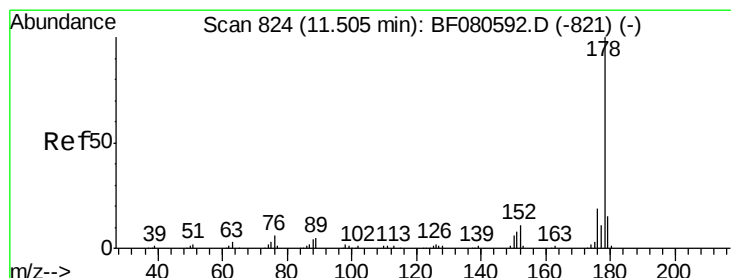
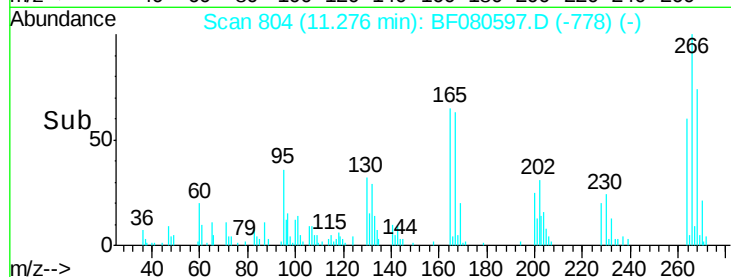
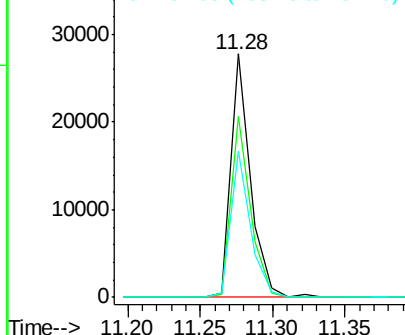
#69
 Pentachlorophenol
 Concen: 44.03 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

Tgt Ion:266 Resp: 26012
 Ion Ratio Lower Upper
 266 100
 268 74.2 51.5 77.3
 264 60.1 48.8 73.2

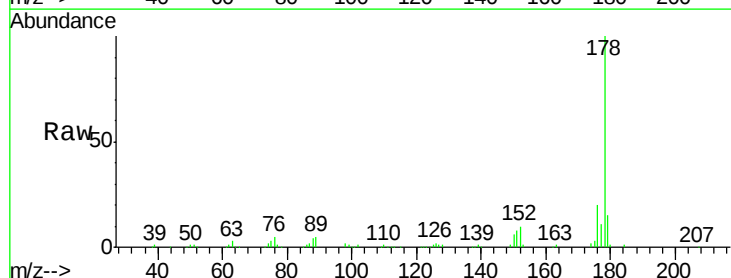


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

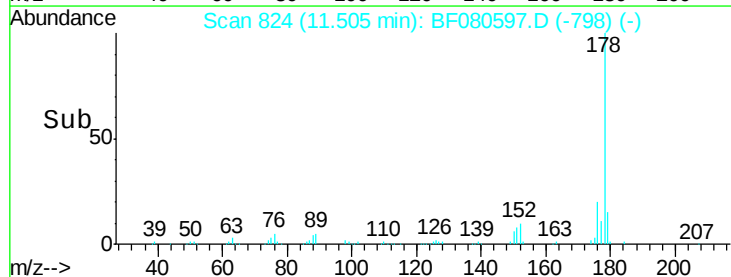
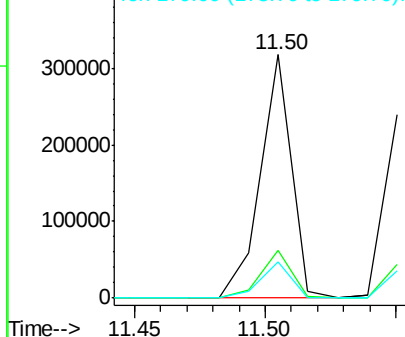


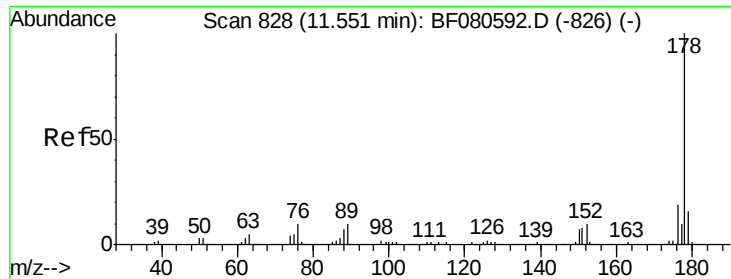
#70
 Phenanthrene
 Concen: 42.45 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:178 Resp: 264299
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 15.0 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

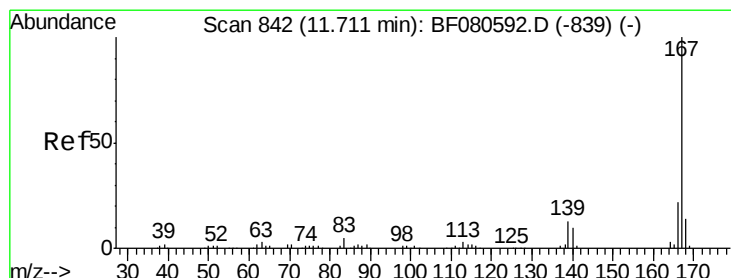
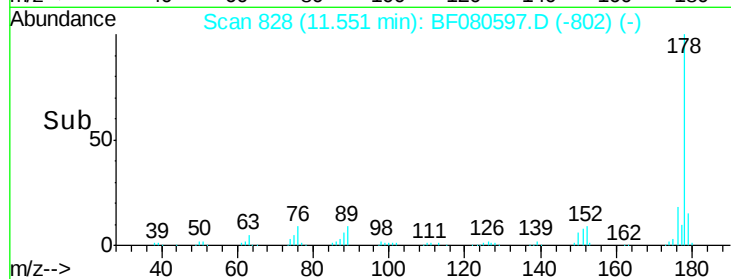
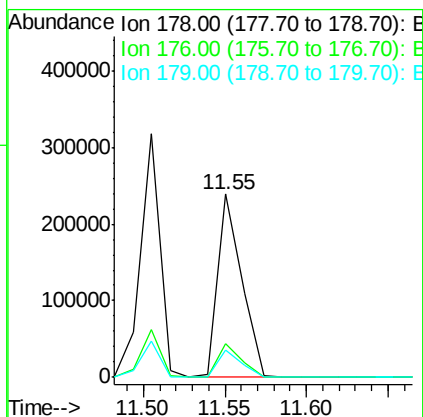
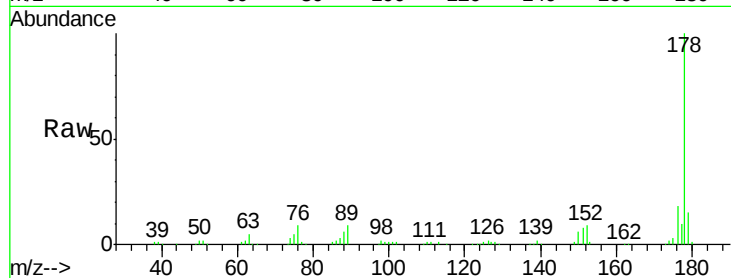




#71
 Anthracene
 Concen: 41.65 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

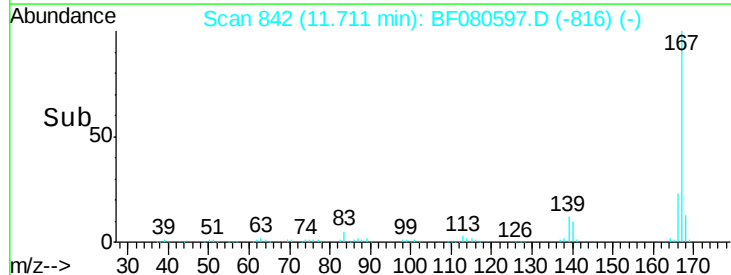
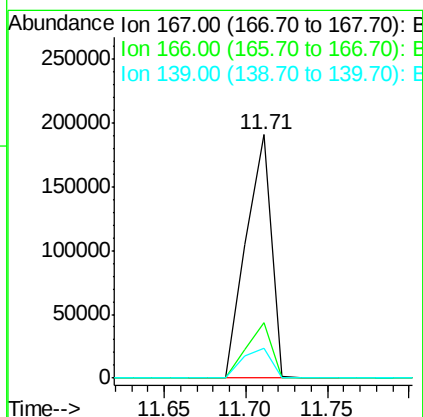
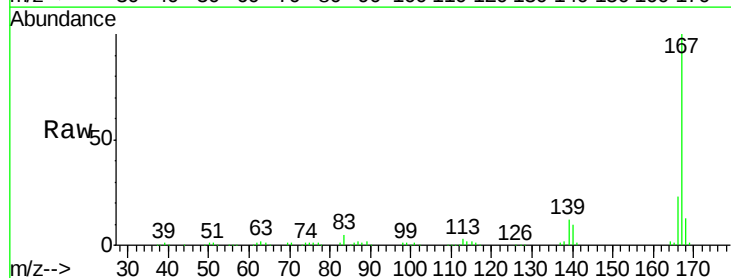
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

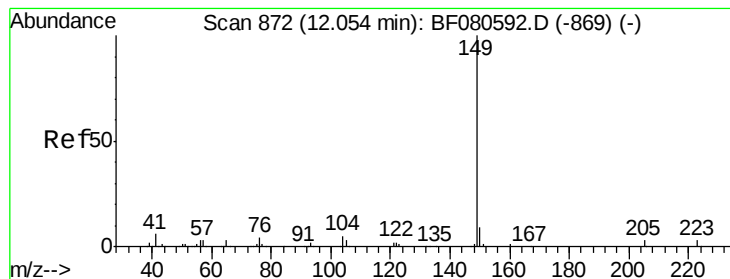
Tgt Ion:178 Resp: 242865
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.1 12.0 18.0



#72
 Carbazole
 Concen: 40.54 ng
 RT: 11.71 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:167 Resp: 204404
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 12.2 10.7 16.1





#73

Di-n-butylphthalate

Concen: 40.19 ng

RT: 12.04 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

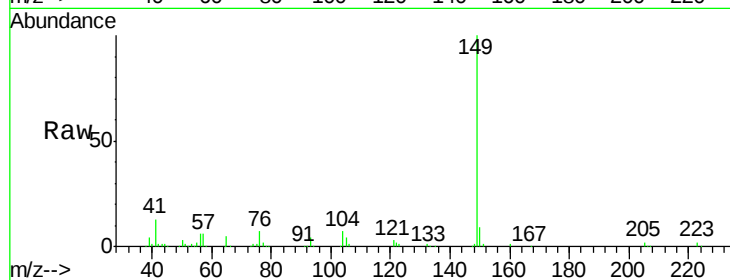
Tgt Ion:149 Resp: 235466

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

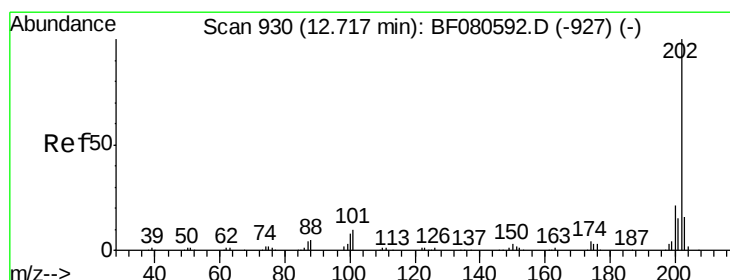
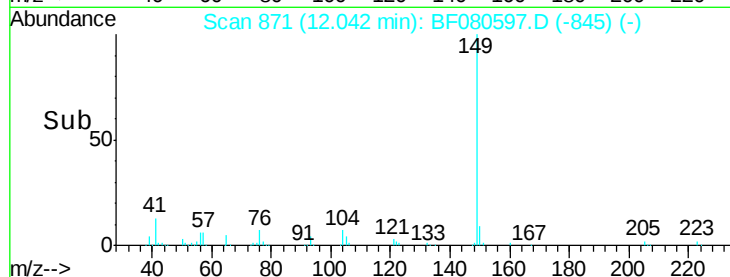
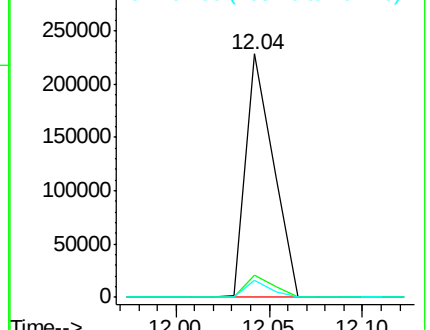
104 7.1 3.8 5.8#



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: 42.11 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

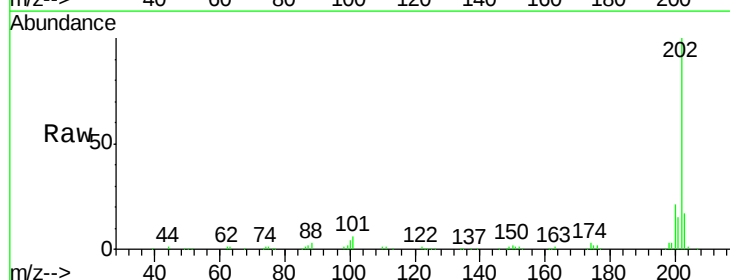
Tgt Ion:202 Resp: 234611

Ion Ratio Lower Upper

202 100

101 6.0 0.0 31.1

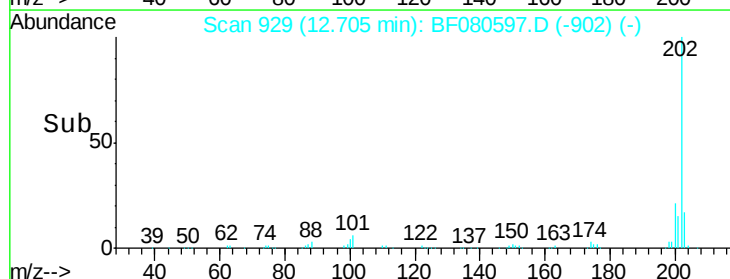
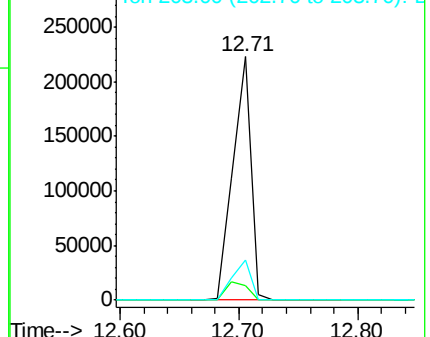
203 16.5 0.0 37.5

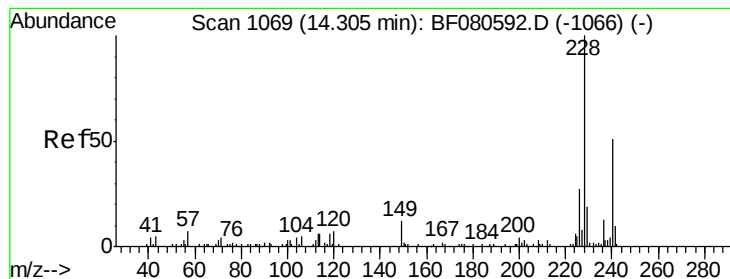


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.24 min Scan# 1063

Delta R.T. 0.06 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

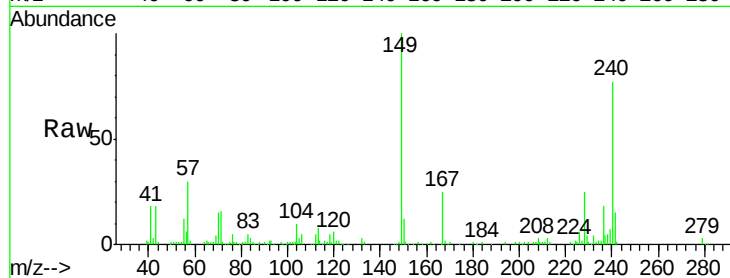
Tgt Ion:240 Resp: 95890

Ion Ratio Lower Upper

240 100

120 7.6 9.9 14.9#

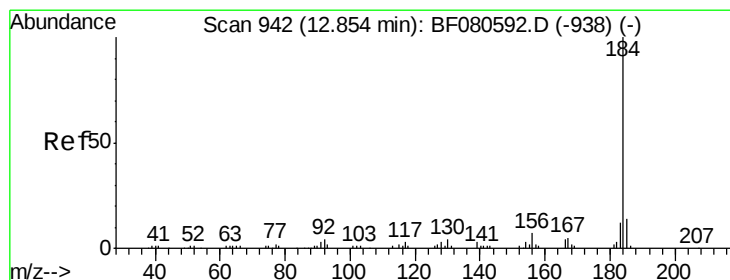
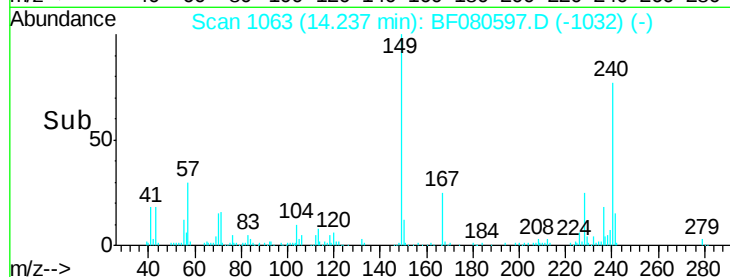
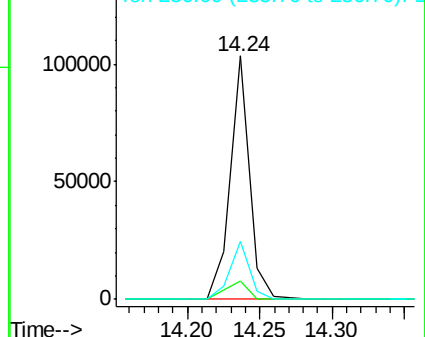
236 23.9 19.1 28.7



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: 37.50 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

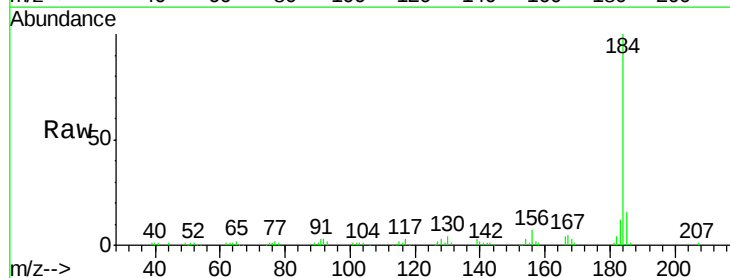
Tgt Ion:184 Resp: 105661

Ion Ratio Lower Upper

184 100

185 15.7 11.2 16.8

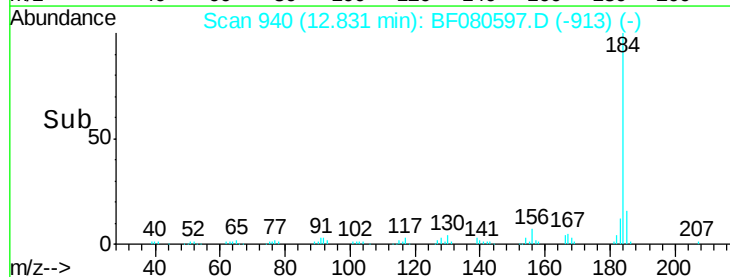
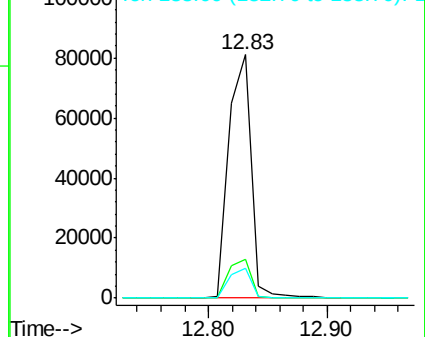
183 12.1 9.6 14.4

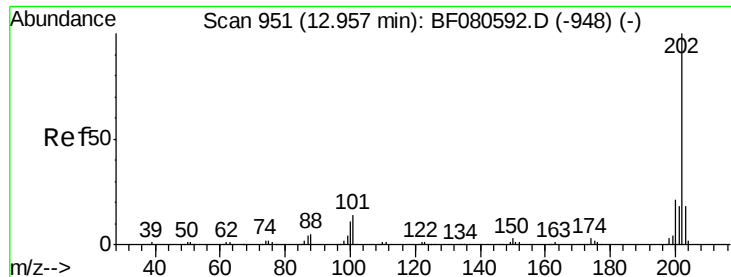


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

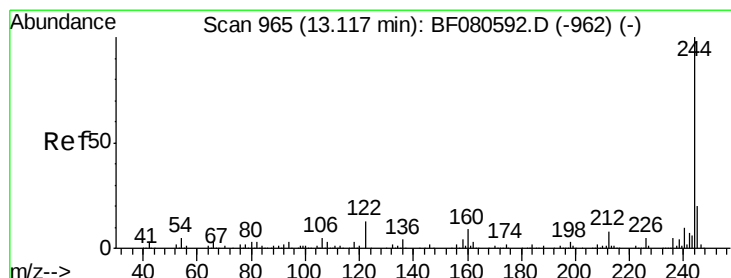
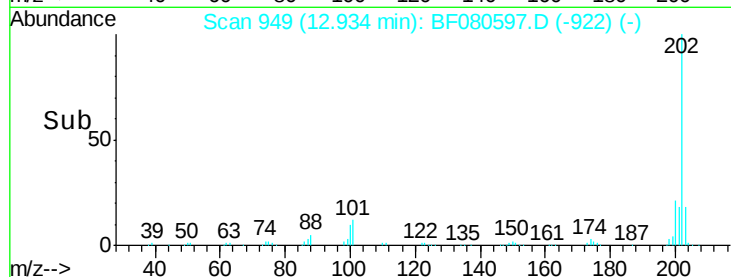
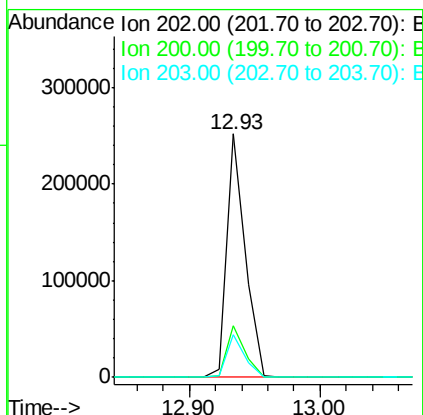
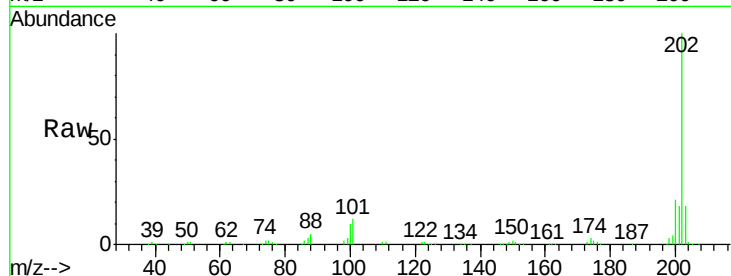




#77
 Pyrene
 Concen: 38.30 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

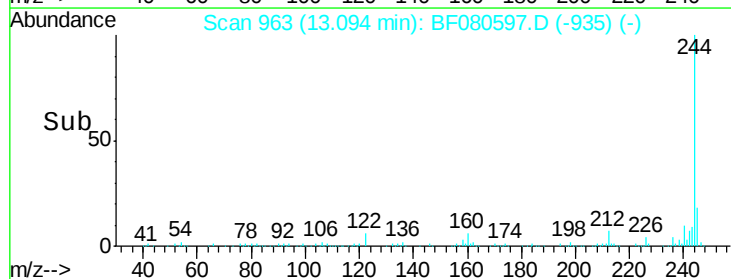
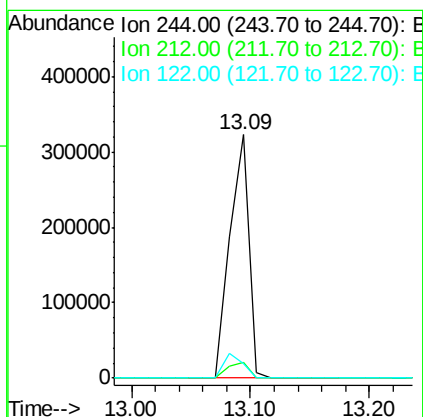
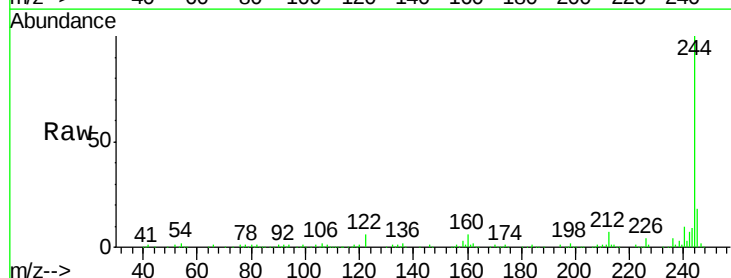
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

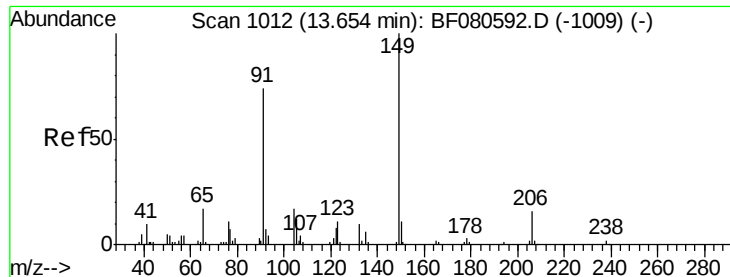
Tgt Ion: 202 Resp: 246382
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.9 25.3
 203 17.8 14.5 21.7



#78
 Terphenyl-d14
 Concen: 77.92 ng
 RT: 13.09 min Scan# 963
 Delta R.T. 0.02 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion: 244 Resp: 357044
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 5.8 8.2 12.2#





#79

Butylbenzylphthalate

Concen: 36.92 ng

RT: 13.61 min Scan# 1008

Delta R.T. 0.03 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

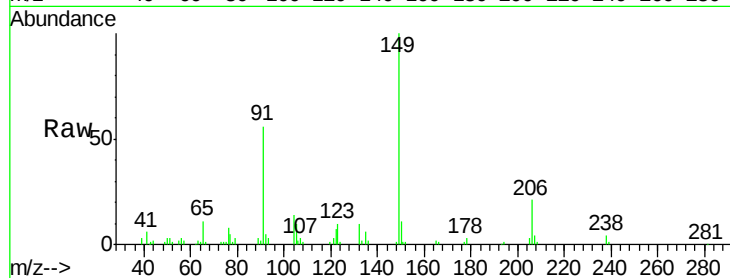
Tgt Ion:149 Resp: 82152

Ion Ratio Lower Upper

149 100

91 56.3 53.0 79.6

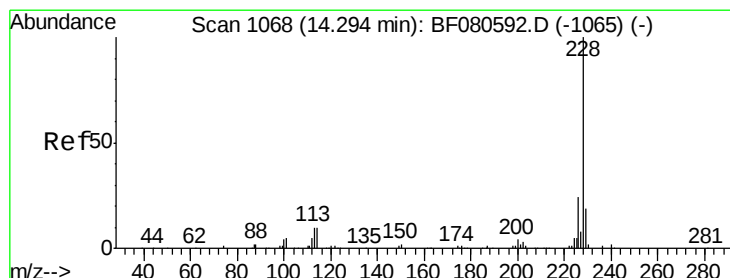
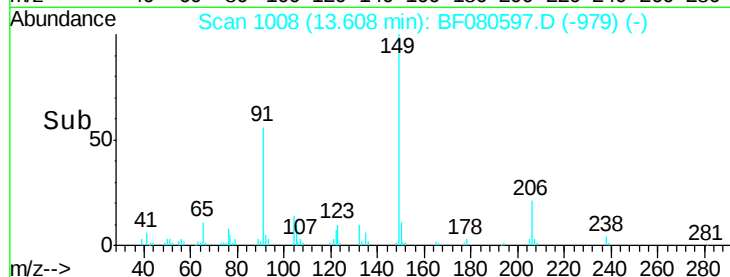
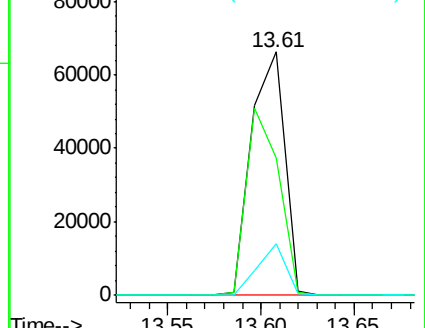
206 21.3 15.0 22.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.13 ng

RT: 14.23 min Scan# 1062

Delta R.T. 0.06 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

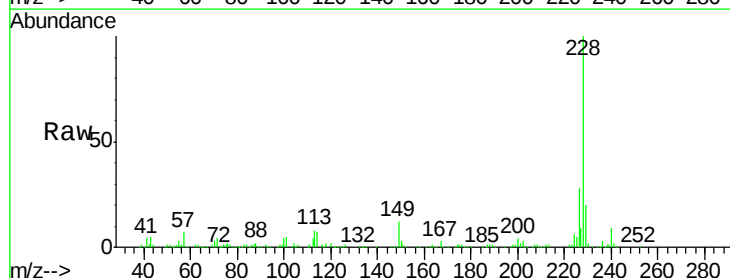
Tgt Ion:228 Resp: 216961

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

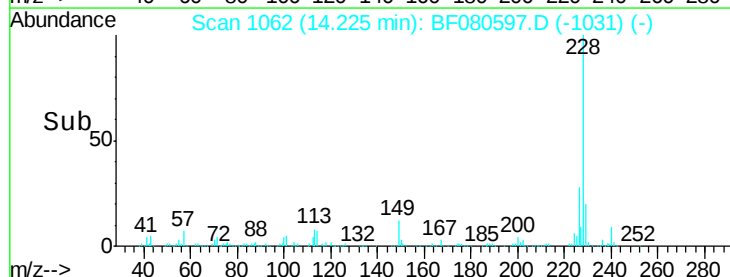
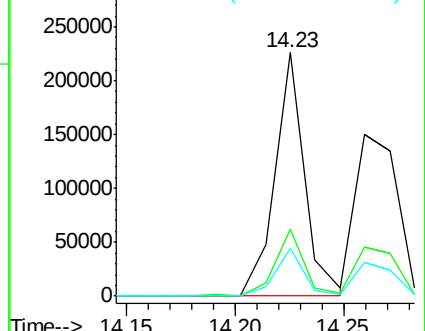
229 19.8 15.7 23.5

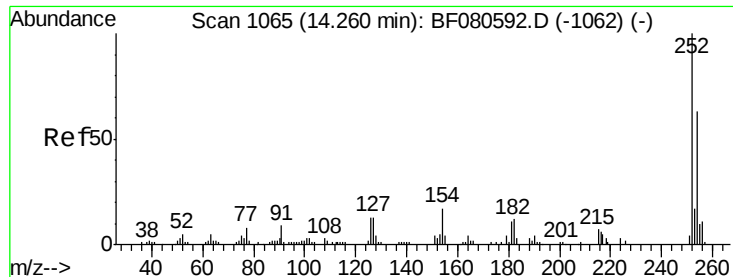


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

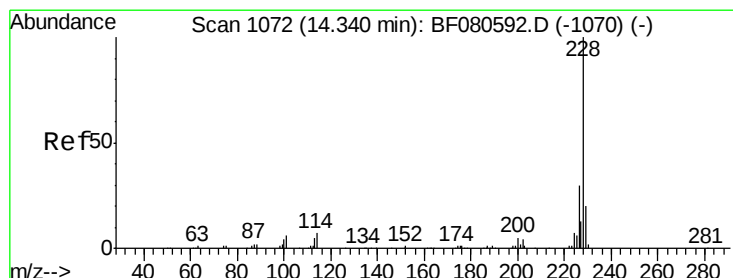
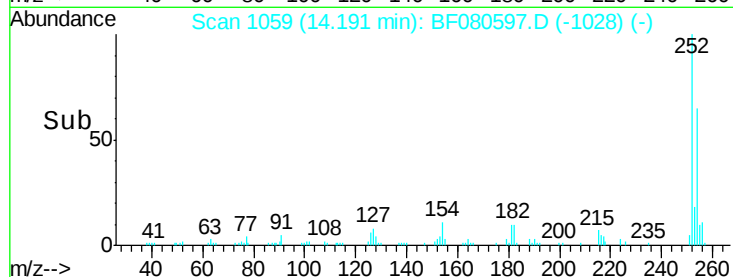
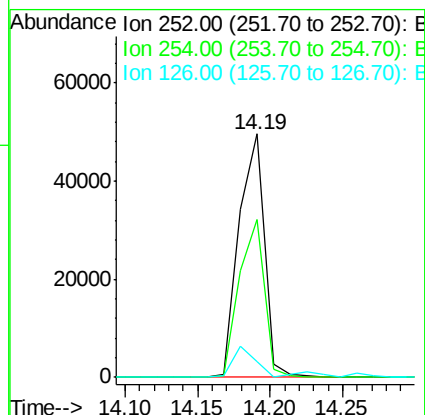
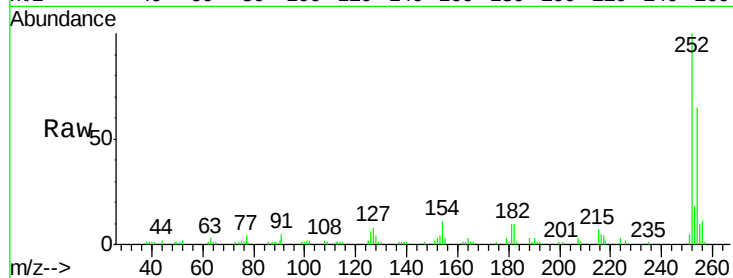




#81
 3,3'-Dichlorobenzidine
 Concen: 39.04 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. 0.06 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

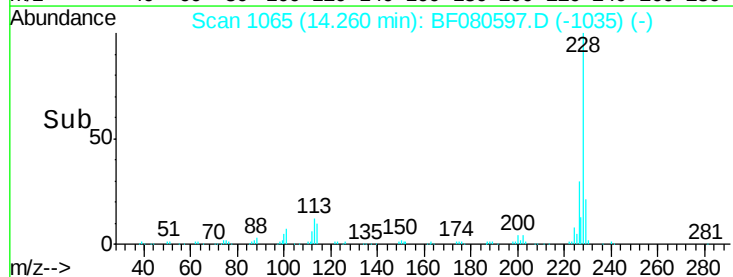
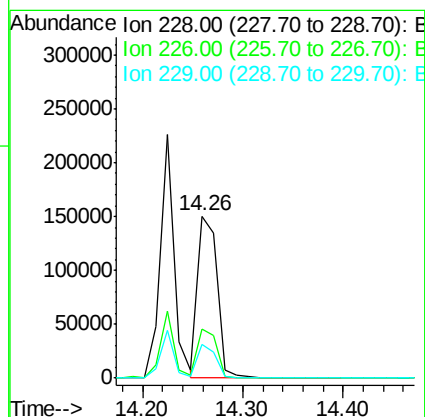
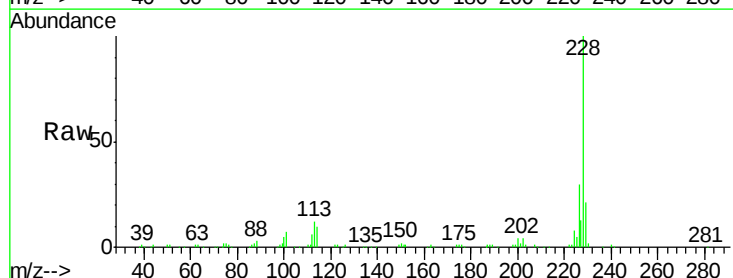
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072315

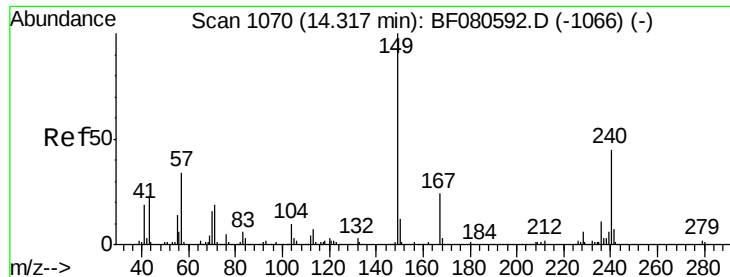
Tgt Ion:252 Resp: 60331
 Ion Ratio Lower Upper
 252 100
 254 64.9 49.2 73.8
 126 6.4 8.1 12.1#



#82
 Chrysene
 Concen: 38.13 ng
 RT: 14.26 min Scan# 1065
 Delta R.T. 0.05 min
 Lab File: BF080597.D
 Acq: 23 Jul 2015 17:47

Tgt Ion:228 Resp: 205108
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.0 34.6
 229 21.0 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.50 ng

RT: 14.24 min Scan# 1063

Delta R.T. 0.06 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

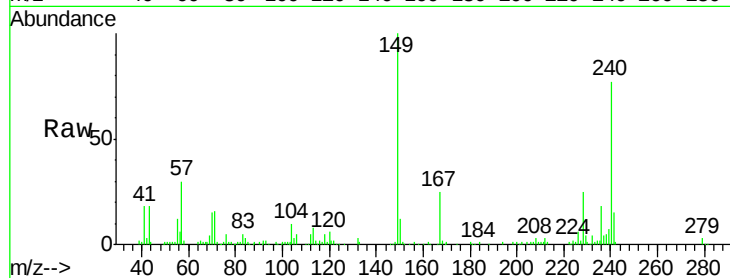
Tgt Ion:149 Resp: 124249

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.2

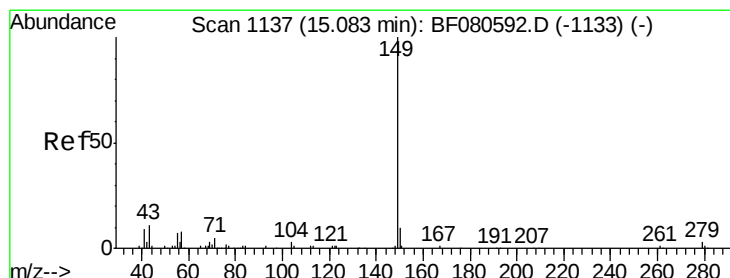
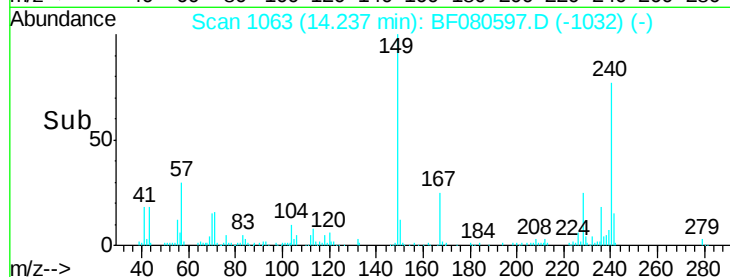
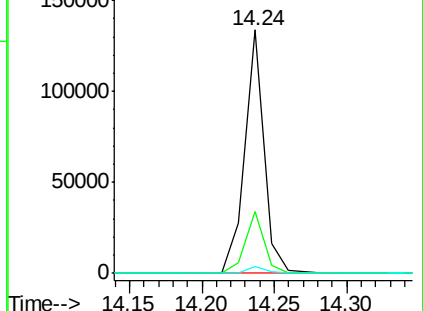
279 3.0 2.0 3.0



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: 36.40 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.10 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

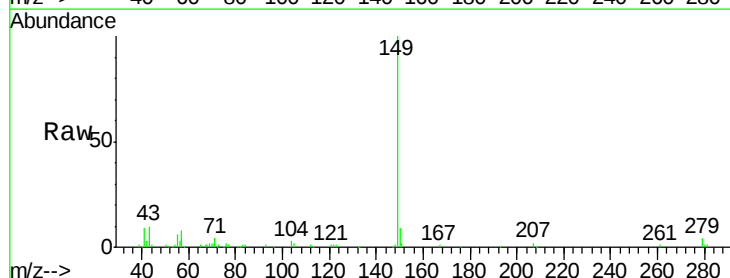
Tgt Ion:149 Resp: 153210

Ion Ratio Lower Upper

149 100

167 1.2 1.2 1.8#

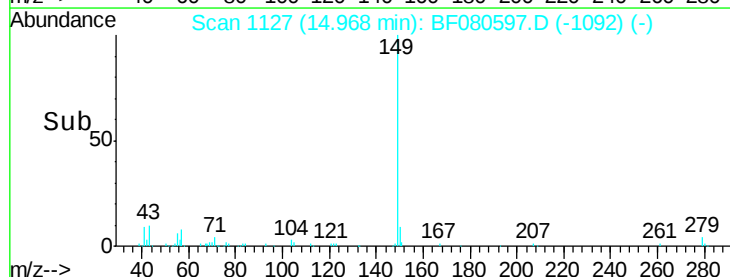
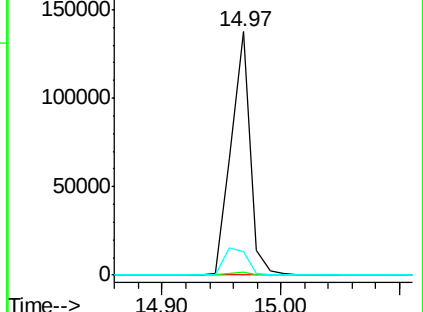
43 14.0 12.5 18.7

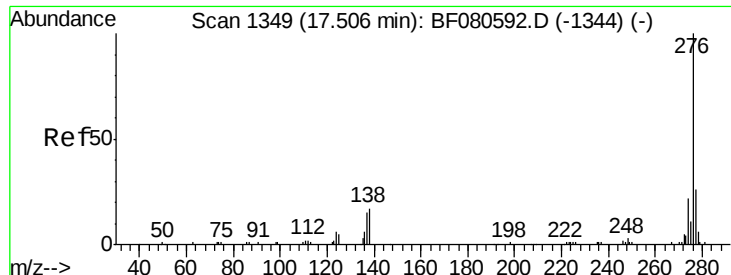


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

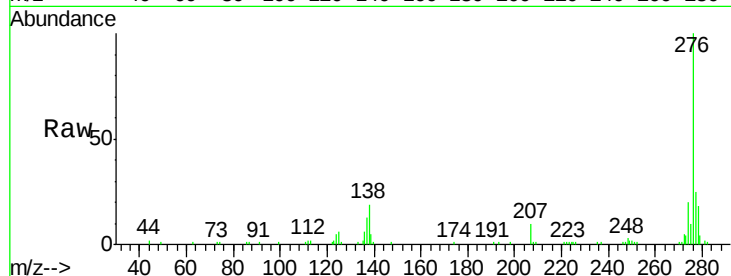




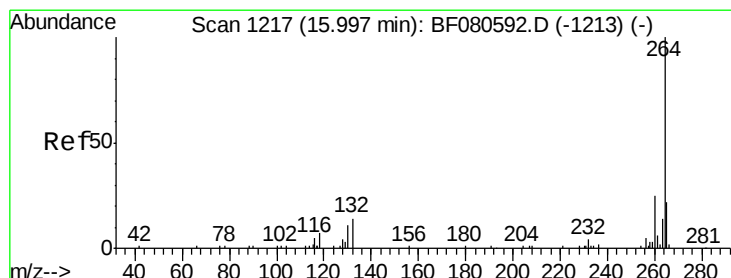
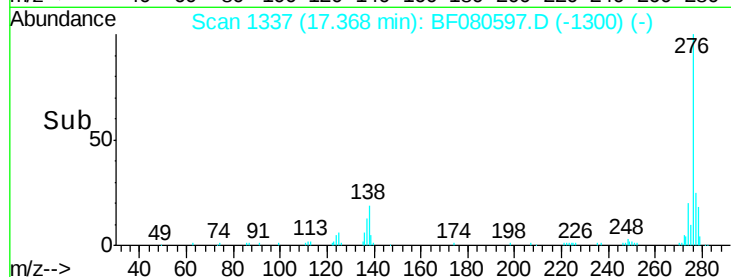
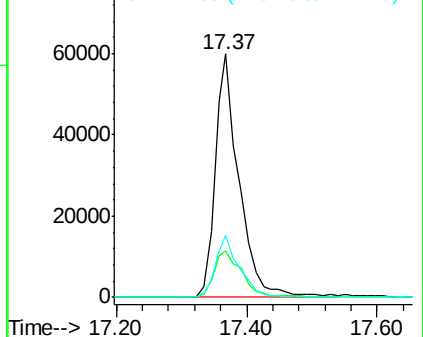
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.56 ng
RT: 17.37 min Scan# 1337
Delta R.T. 0.13 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Instrument :
BNA_F
ClientSampleId :
ICVBF072315

Tgt Ion: 276 Resp: 152845
Ion Ratio Lower Upper
276 100
138 22.6 18.9 28.3
277 24.7 19.9 29.9

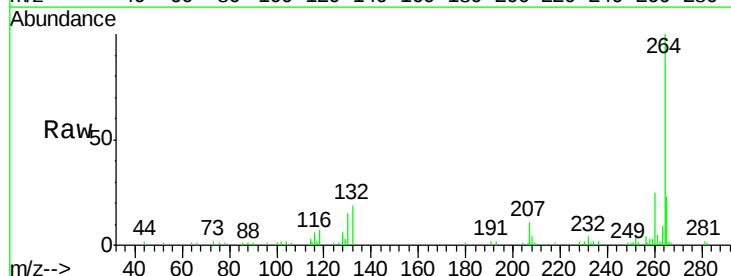


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

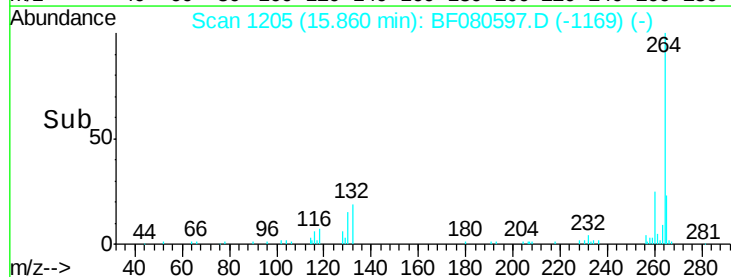
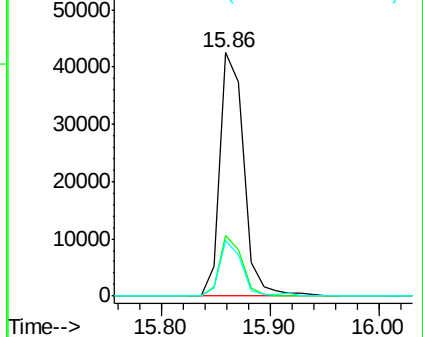


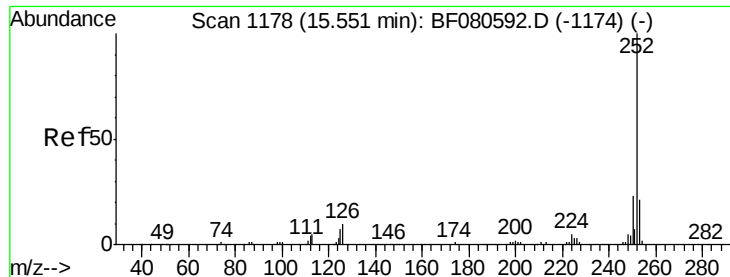
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1205
Delta R.T. 0.11 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion: 264 Resp: 65268
Ion Ratio Lower Upper
264 100
260 24.8 17.8 26.8
265 22.6 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

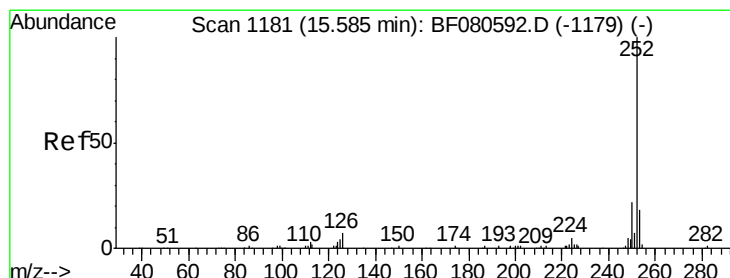
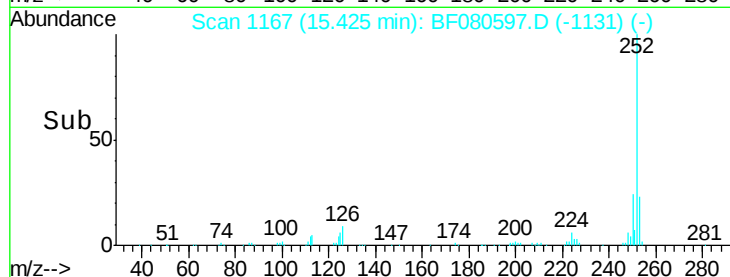
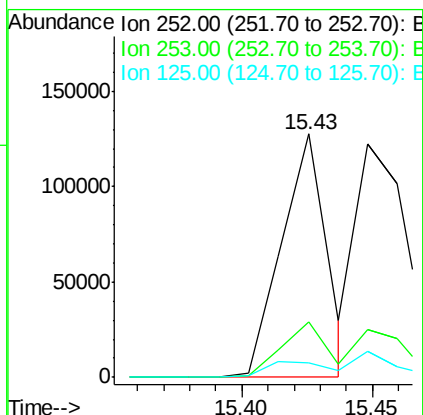
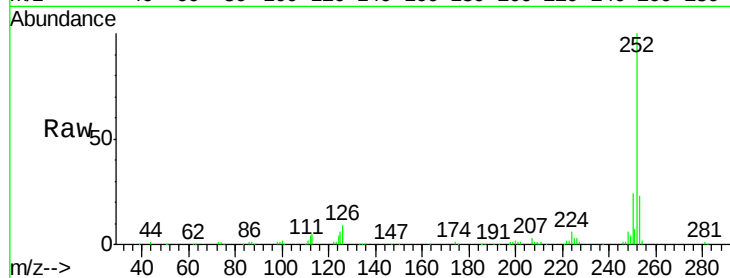




#87
Benzo(b)fluoranthene
Concen: 38.67 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.11 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

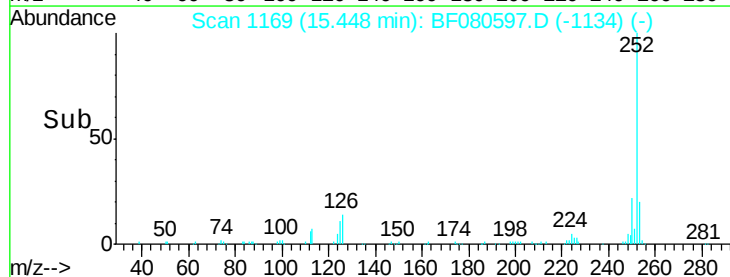
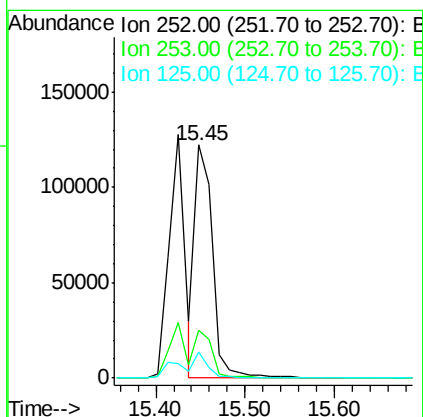
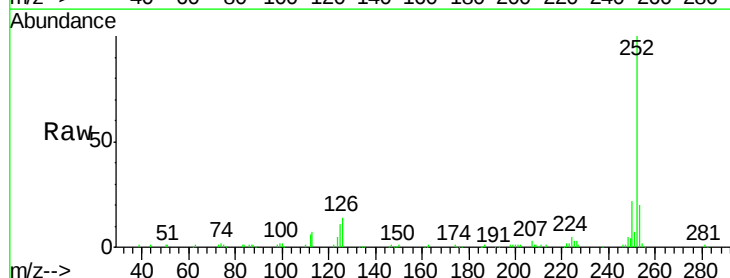
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

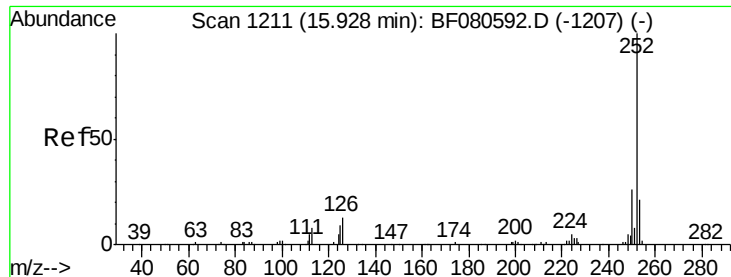
Tgt Ion:252 Resp: 153503
Ion Ratio Lower Upper
252 100
253 22.9 16.6 25.0
125 6.2 6.1 9.1



#88
Benzo(k)fluoranthene
Concen: 43.61 ng m
RT: 15.45 min Scan# 1169
Delta R.T. 0.10 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:252 Resp: 172291
Ion Ratio Lower Upper
252 100
253 20.4 17.0 25.6
125 11.1 8.6 13.0

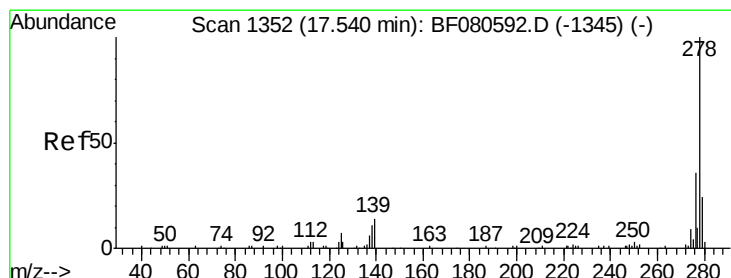
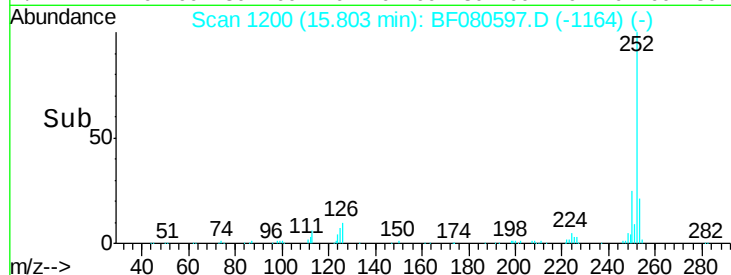
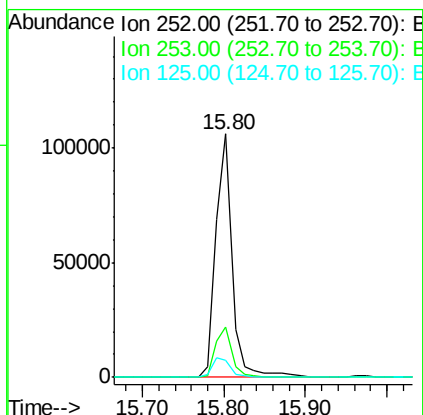
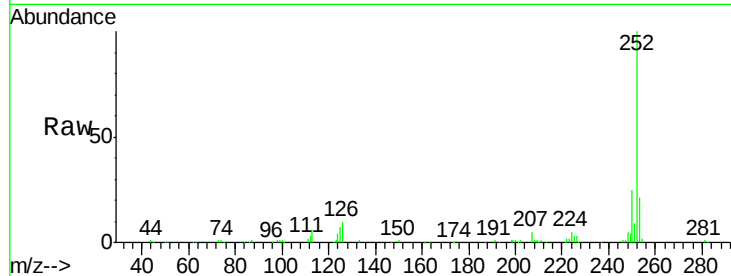




#89
Benzo(a)pyrene
Concen: 42.30 ng
RT: 15.80 min Scan# 1200
Delta R.T. 0.11 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

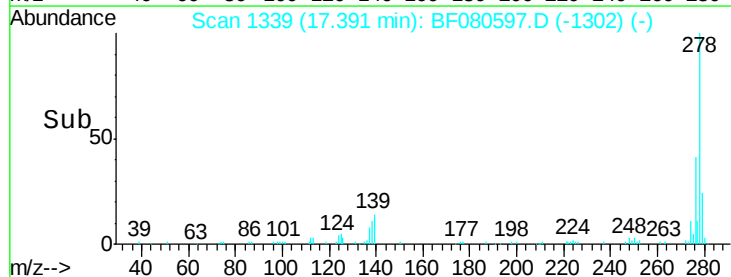
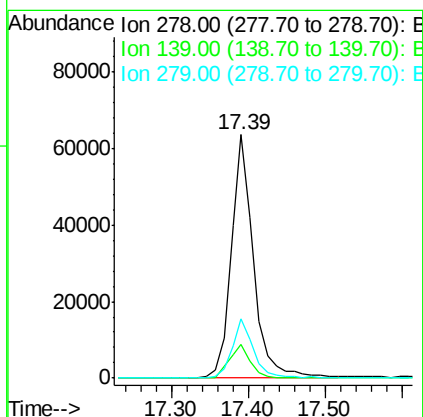
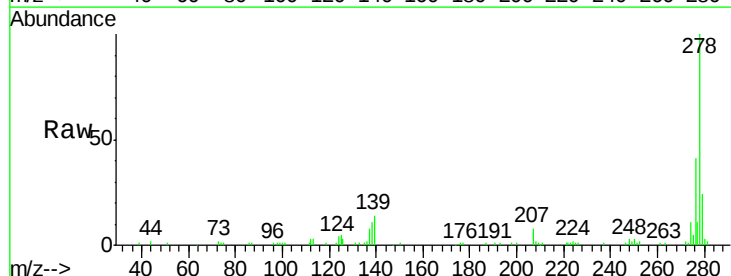
Instrument :
BNA_F
ClientSampleId :
ICVBF072315

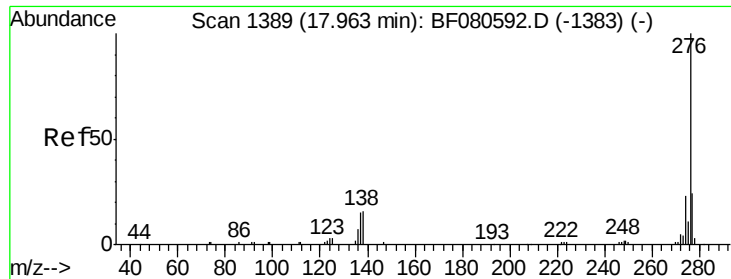
Tgt Ion:252 Resp: 148945
Ion Ratio Lower Upper
252 100
253 20.8 19.0 28.6
125 6.8 11.2 16.8#



#90
Dibenzo(a,h)anthracene
Concen: 39.17 ng
RT: 17.39 min Scan# 1339
Delta R.T. 0.13 min
Lab File: BF080597.D
Acq: 23 Jul 2015 17:47

Tgt Ion:278 Resp: 130281
Ion Ratio Lower Upper
278 100
139 13.9 11.6 17.4
279 24.5 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 38.99 ng

RT: 17.81 min Scan# 1376

Delta R.T. 0.14 min

Lab File: BF080597.D

Acq: 23 Jul 2015 17:47

Instrument :

BNA_F

ClientSampleId :

ICVBF072315

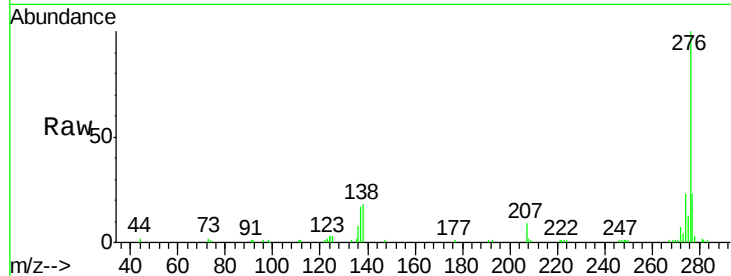
Tgt Ion: 276 Resp: 132471

Ion Ratio Lower Upper

276 100

277 22.8 18.0 27.0

138 17.9 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

