

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080543.D
 Acq On : 17 Jul 2015 19:57
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

Quant Time: Jul 18 00:51:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42199	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	164672	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	72755	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	137317	20.00	ng	0.00
75) Chrysene-d12	14.41	240	112132	20.00	ng	0.06
86) Perylene-d12	16.12	264	101848	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	216749	80.08	ng	0.00
7) Phenol-d6	6.70	99	258403	83.89	ng	0.00
23) Nitrobenzene-d5	7.63	82	231376	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	55066	84.58	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	440764	85.09	ng	0.00
78) Terphenyl-d14	13.22	244	410796	81.81	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	51214	45.24	ng	97
3) Pyridine	3.69	79	93232	43.61	ng	93
4) n-Nitrosodimethylamine	3.53	42	70094	46.97	ng	95
6) Aniline	6.74	93	165120	40.67	ng	99
8) 2-Chlorophenol	6.85	128	114432	40.52	ng	99
9) Benzaldehyde	6.62	77	78685	45.23	ng	100
10) Phenol	6.72	94	139717	39.22	ng	98
11) bis(2-Chloroethyl)ether	6.80	93	101229	37.60	ng	97
12) 1,3-Dichlorobenzene	7.00	146	133290	41.79	ng	99
13) 1,4-Dichlorobenzene	7.08	146	142868	40.81	ng	99
14) 1,2-Dichlorobenzene	7.24	146	127010	39.45	ng	97
15) Benzyl Alcohol	7.22	79	75921	38.61	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.33	45	171049	37.34	ng	97
17) 2-Methylphenol	7.33	107	83000	38.53	ng	97
18) Hexachloroethane	7.58	117	41839	37.29	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	67580	39.04	ng	97
20) 3+4-Methylphenols	7.48	107	123582	39.74	ng	99
22) Acetophenone	7.47	105	140259	39.68	ng	98
24) Nitrobenzene	7.65	77	110674	37.92	ng	98
25) Isophorone	7.88	82	201865	40.95	ng	100
26) 2-Nitrophenol	7.97	139	58075	40.55	ng	98
27) 2,4-Dimethylphenol	8.01	122	108213	44.12	ng	98
28) bis(2-Chloroethoxy)methane	8.10	93	104640	38.33	ng	99
29) 2,4-Dichlorophenol	8.21	162	88209	42.47	ng	99
30) 1,2,4-Trichlorobenzene	8.29	180	106859	40.25	ng	100
31) Naphthalene	8.37	128	343782	42.18	ng	99
32) Benzoic acid	8.10	122	42052	39.65	ng	98
33) 4-Chloroaniline	8.43	127	145210	44.72	ng	100
34) Hexachlorobutadiene	8.49	225	50897	41.11	ng	100
35) Caprolactam	8.76	113	20215	41.63	ng	98
36) 4-Chloro-3-methylphenol	8.91	107	89657	41.90	ng	98
37) 2-Methylnaphthalene	9.06	142	209004	41.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	97337	42.31	ng	100
40) Hexachlorocyclopentadiene	9.22	237	49148	45.38	ng	96

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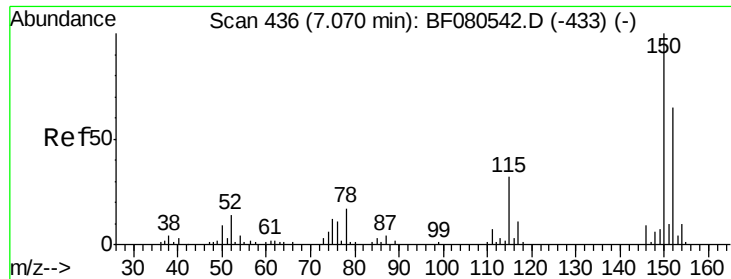
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.34	196	60779	45.87	ng	97
43) 2,4,5-Trichlorophenol	9.39	196	61334	42.36	ng	97
45) 1,1'-Biphenyl	9.53	154	252723	41.90	ng	99
46) 2-Chloronaphthalene	9.55	162	195373	43.96	ng	99
47) 2-Nitroaniline	9.65	65	43734	40.60	ng	98
48) Acenaphthylene	9.97	152	309839	42.10	ng	99
49) Dimethylphthalate	9.82	163	197925	40.88	ng	100
50) 2,6-Dinitrotoluene	9.89	165	39301	41.75	ng	# 40
51) Acenaphthene	10.14	154	179796	39.97	ng	99
52) 3-Nitroaniline	10.06	138	47644	43.09	ng	94
53) 2,4-Dinitrophenol	10.17	184	17186	40.22	ng	93
54) Dibenzofuran	10.32	168	254674	40.67	ng	98
55) 4-Nitrophenol	10.24	139	33538	40.04	ng	98
56) 2,4-Dinitrotoluene	10.29	165	61931	42.82	ng	96
57) Fluorene	10.66	166	201243	40.56	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.44	232	42314	43.53	ng	94
59) Diethylphthalate	10.52	149	189888	41.55	ng	100
60) 4-Chlorophenyl-phenylether	10.65	204	88560	39.85	ng	93
61) 4-Nitroaniline	10.68	138	50867	43.60	ng	99
62) Azobenzene	10.81	77	184418	40.10	ng	# 74
64) 4,6-Dinitro-2-methylphenol	10.70	198	24047	39.83	ng	98
65) n-Nitrosodiphenylamine	10.76	169	178067	39.36	ng	99
66) 4-Bromophenyl-phenylether	11.14	248	48445	38.48	ng	95
67) Hexachlorobenzene	11.21	284	62374	40.86	ng	94
68) Atrazine	11.29	200	43296	40.44	ng	86
69) Pentachlorophenol	11.41	266	23728	41.59	ng	95
70) Phenanthrene	11.62	178	295286	39.47	ng	99
71) Anthracene	11.68	178	287053	39.50	ng	98
72) Carbazole	11.84	167	250026	38.41	ng	99
73) Di-n-butylphthalate	12.15	149	305023	44.65	ng	99
74) Fluoranthene	12.83	202	272942	39.02	ng	97
76) Benzidine	12.97	184	135764	45.25	ng	100
77) Pyrene	13.08	202	280496	38.76	ng	99
79) Butylbenzylphthalate	13.73	149	100365	42.37	ng	# 85
80) Benzo(a)anthracene	14.40	228	256893	41.16	ng	98
81) 3,3'-Dichlorobenzidine	14.36	252	85100	43.17	ng	99
82) Chrysene	14.44	228	256460	41.01	ng	99
83) Bis(2-ethylhexyl)phthalate	14.37	149	149404	42.45	ng	# 96
84) Di-n-octyl phthalate	15.12	149	215617	41.81	ng	100
85) Indeno(1,2,3-cd)pyrene	17.71	276	241472	37.48	ng	98
87) Benzo(b)fluoranthene	15.65	252	237833	37.67	ng	# 97
88) Benzo(k)fluoranthene	15.65	252	237833	43.51	ng	# 97
89) Benzo(a)pyrene	16.05	252	223155	41.48	ng	99
90) Dibenzo(a,h)anthracene	17.72	278	204209	38.55	ng	96
91) Benzo(g,h,i)perylene	18.18	276	200062	37.41	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

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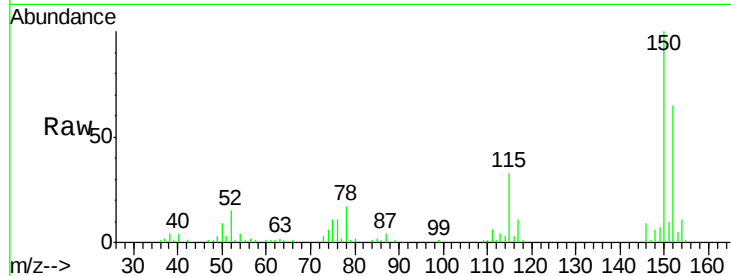
Tgt Ion:152 Resp: 42199

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

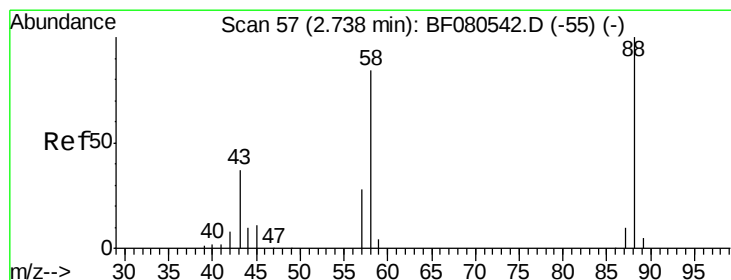
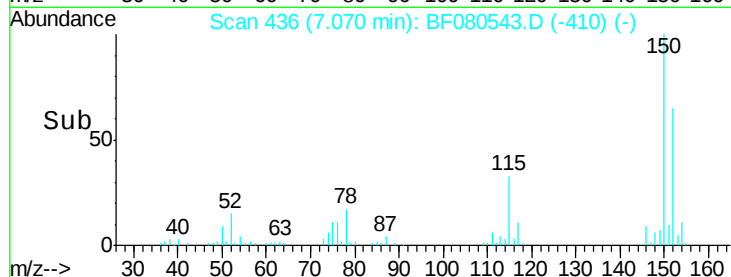
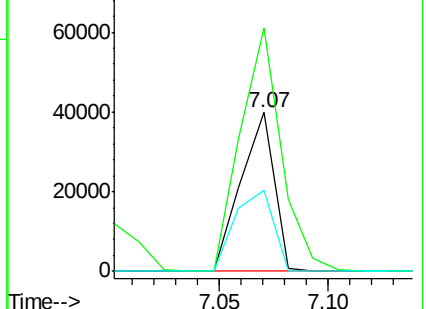
115 50.8 39.9 59.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.24 ng

RT: 2.74 min Scan# 57

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

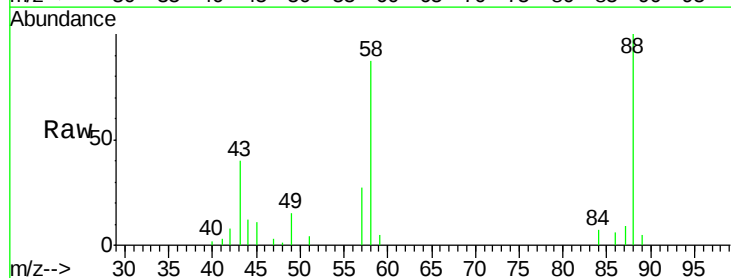
Tgt Ion: 88 Resp: 51214

Ion Ratio Lower Upper

88 100

58 81.0 63.4 95.0

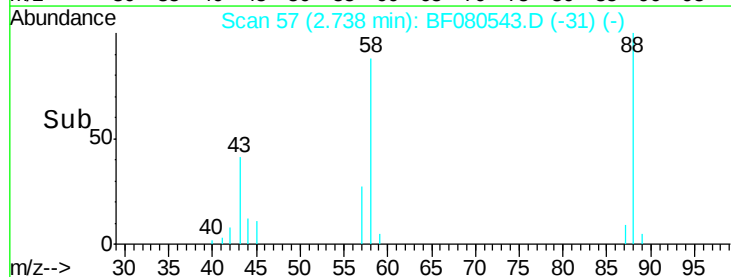
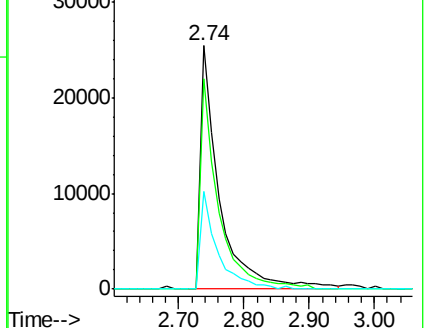
43 35.9 27.1 40.7

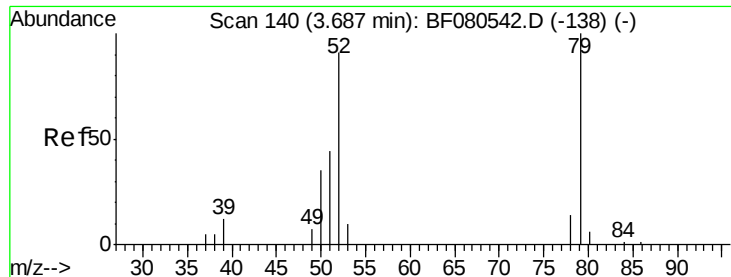


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.61 ng

RT: 3.69 min Scan# 140

Delta R.T. 0.00 min

Lab File: BF080543.D

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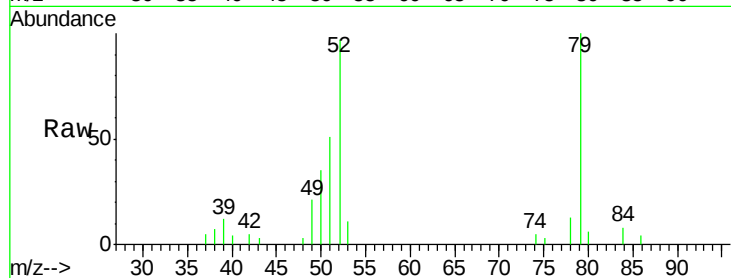
Tgt Ion: 79 Resp: 93232

Ion Ratio Lower Upper

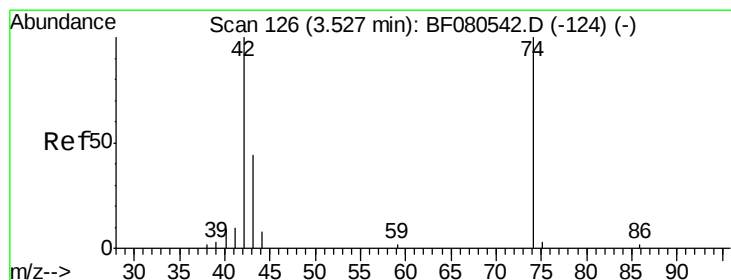
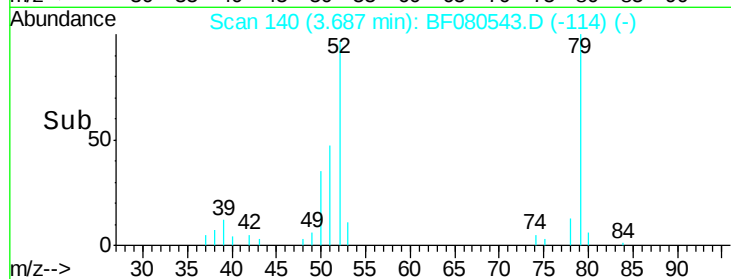
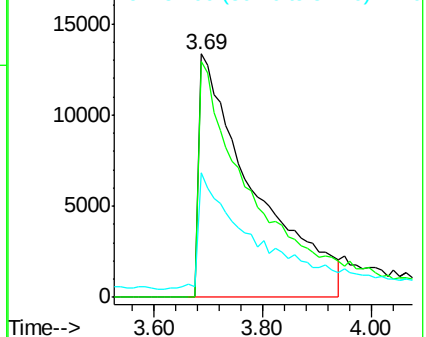
79 100

52 96.8 72.5 108.7

51 51.2 37.1 55.7



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



#4

n-Nitrosodimethylamine

Concen: 46.97 ng

RT: 3.53 min Scan# 126

Delta R.T. 0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

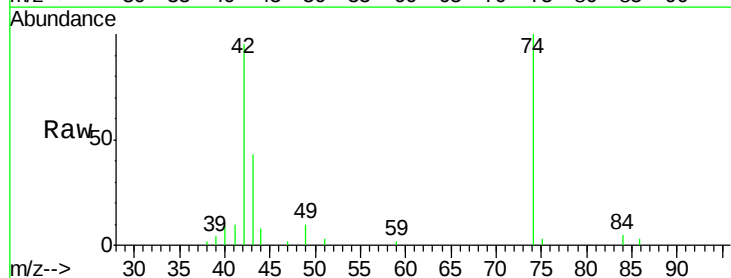
Tgt Ion: 42 Resp: 70094

Ion Ratio Lower Upper

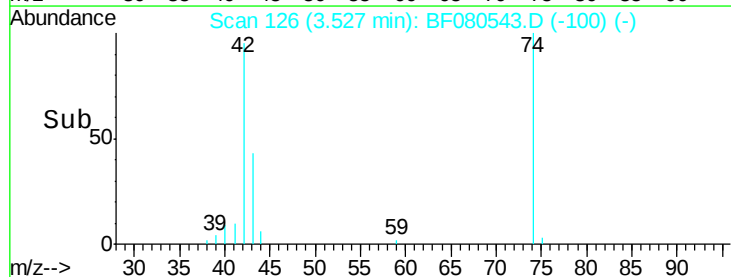
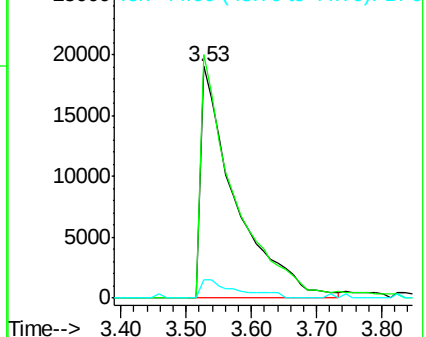
42 100

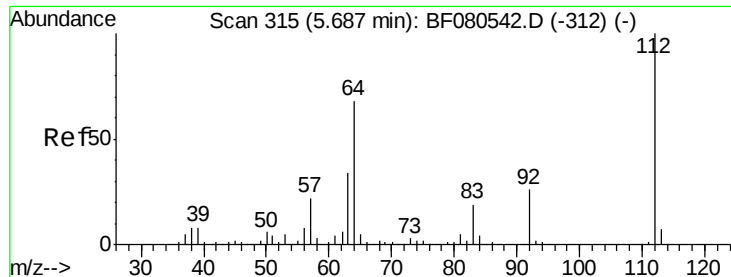
74 105.1 79.9 119.9

44 8.0 6.6 9.8



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





#5

2-Fluorophenol

Concen: 80.08 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

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ClientSampleId :

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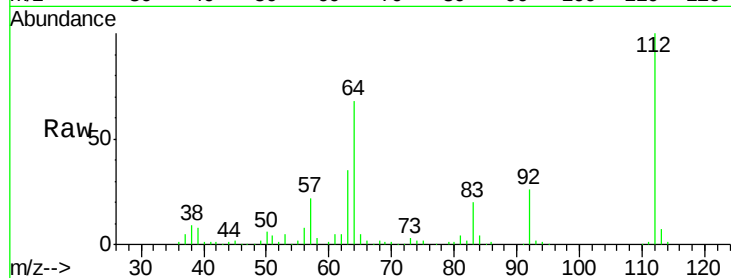
Tgt Ion: 112 Resp: 216749

Ion Ratio Lower Upper

112 100

64 68.4 54.1 81.1

63 35.0 27.6 41.4

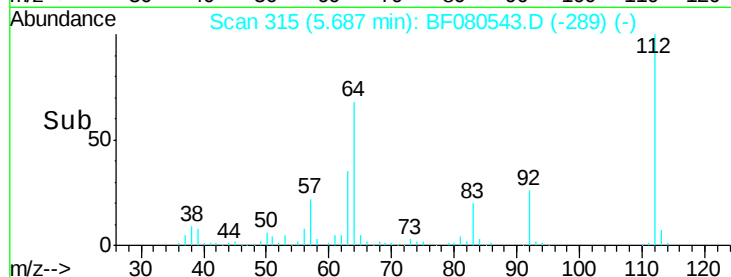


Abundance Ion 112.00 (111.70 to 112.70): E

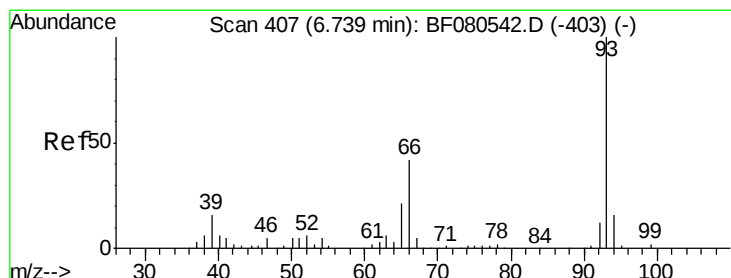
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 40.67 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

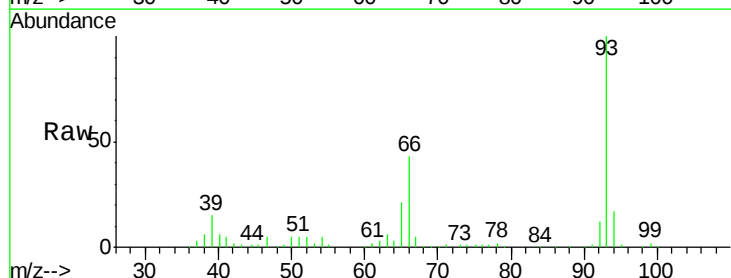
Tgt Ion: 93 Resp: 165120

Ion Ratio Lower Upper

93 100

66 42.6 33.3 49.9

65 21.4 16.9 25.3

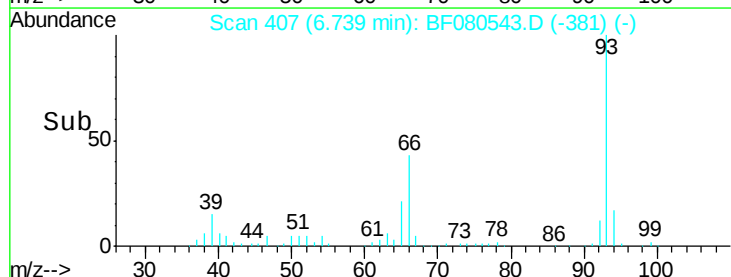


Abundance Ion 93.00 (92.70 to 93.70): BF0

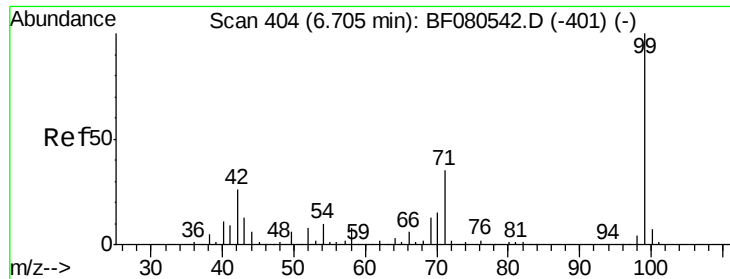
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 83.89 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

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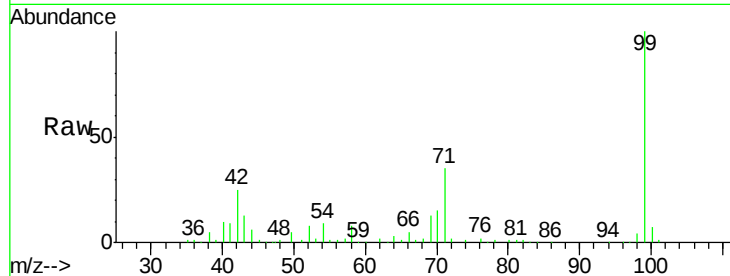
Tgt Ion: 99 Resp: 258403

Ion Ratio Lower Upper

99 100

42 25.4 21.0 31.4

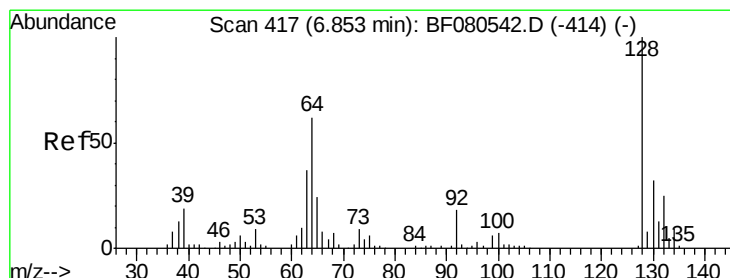
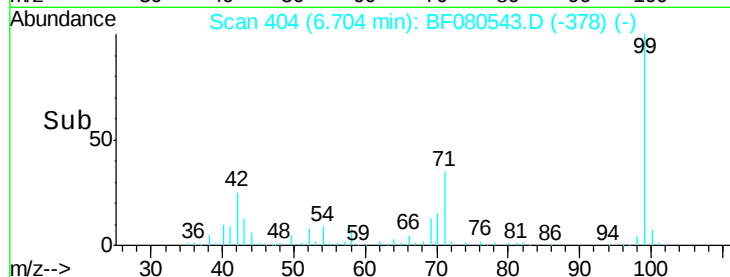
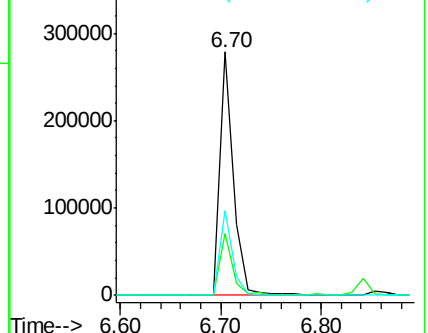
71 34.8 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.52 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

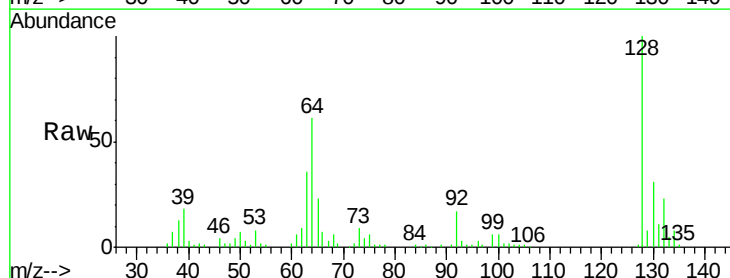
Tgt Ion: 128 Resp: 114432

Ion Ratio Lower Upper

128 100

130 30.8 11.7 51.7

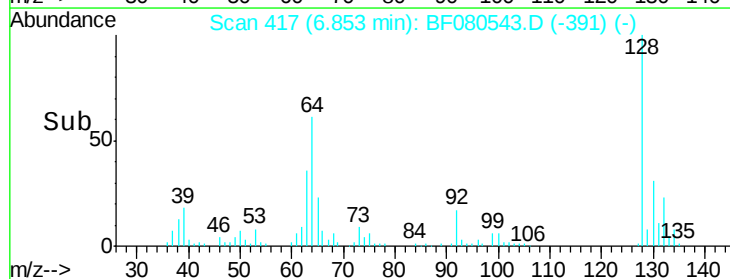
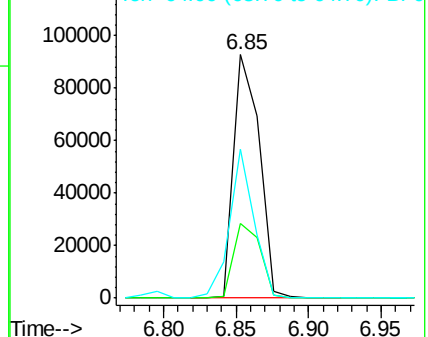
64 61.0 41.6 81.6

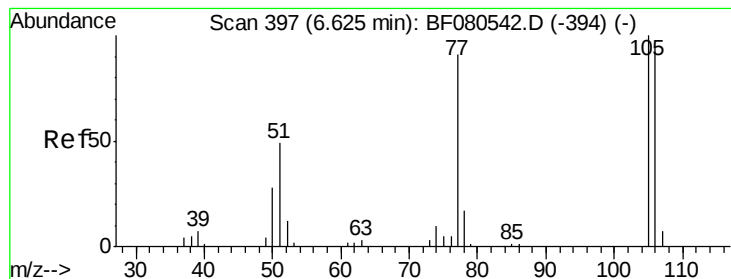


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.23 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

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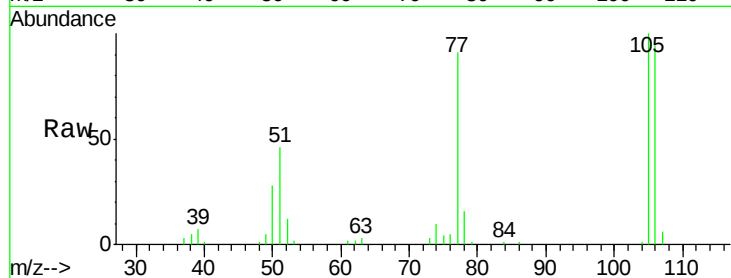
Tgt Ion: 77 Resp: 78685

Ion Ratio Lower Upper

77 100

105 110.4 90.0 130.0

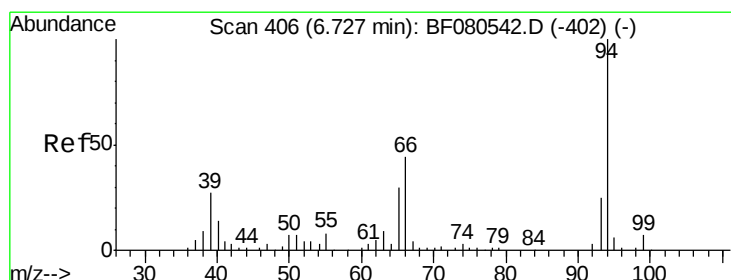
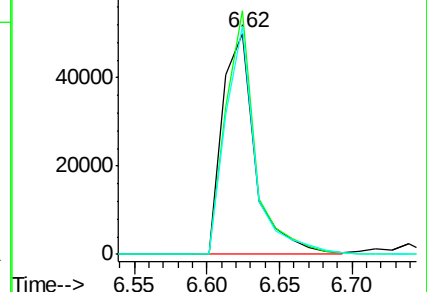
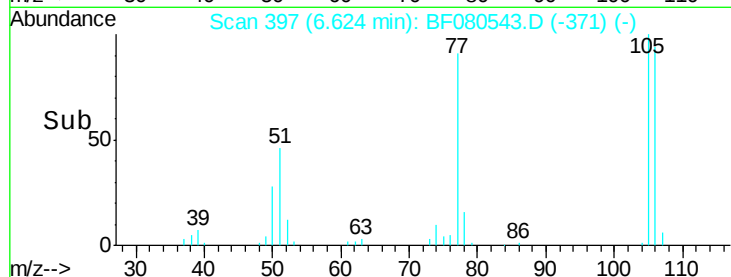
106 103.3 83.5 123.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.22 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

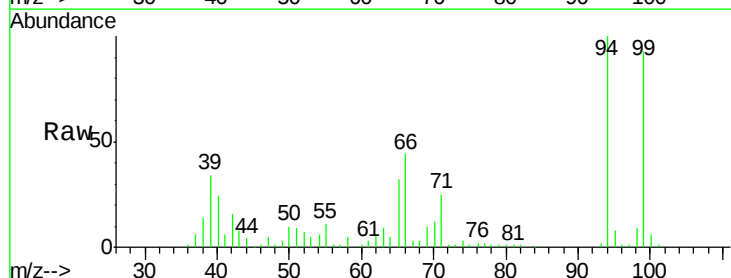
Tgt Ion: 94 Resp: 139717

Ion Ratio Lower Upper

94 100

65 32.5 10.4 50.4

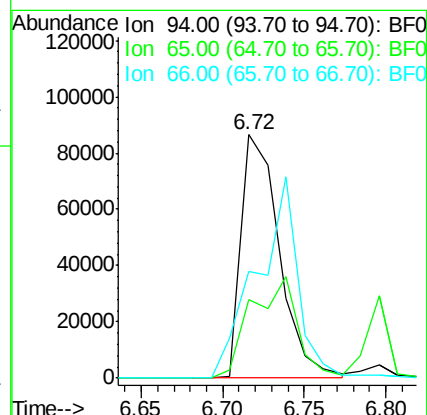
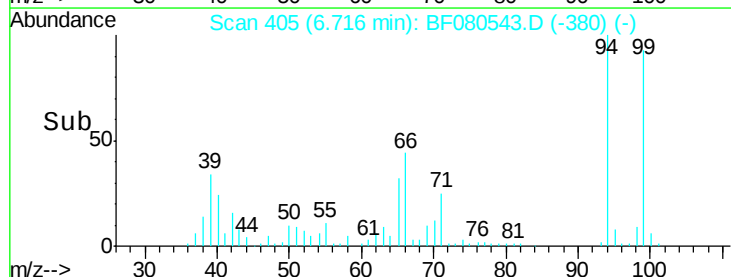
66 44.0 24.2 64.2

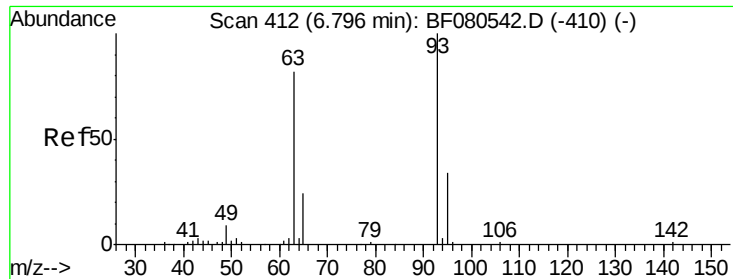


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

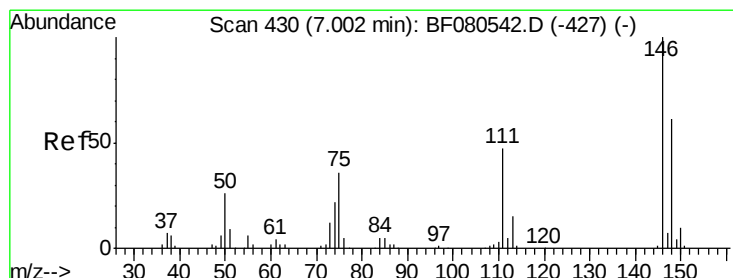
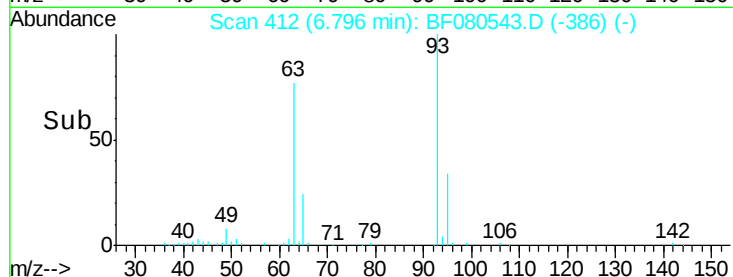
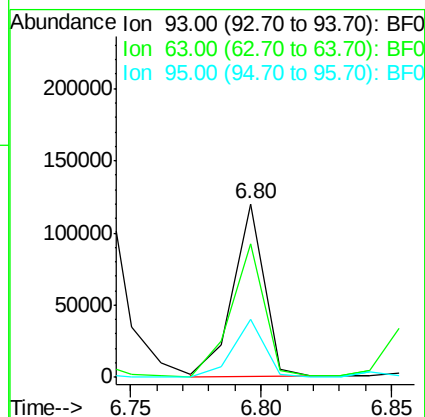
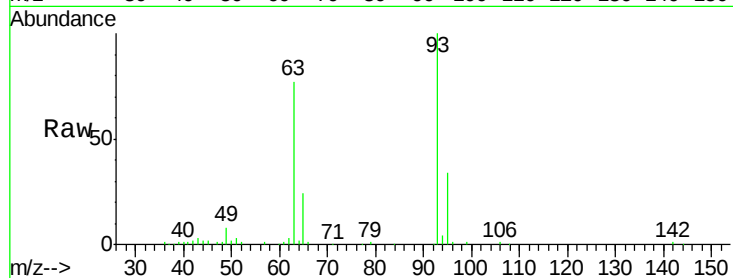




#11
bis(2-Chloroethyl)ether
Concen: 37.60 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

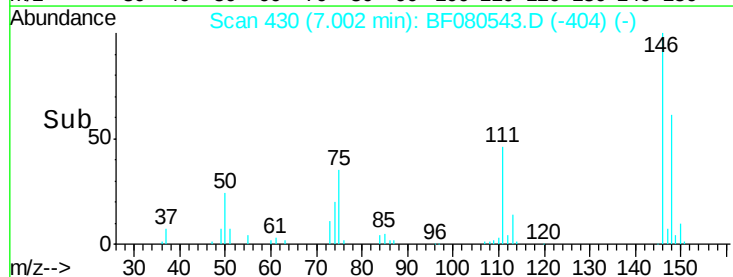
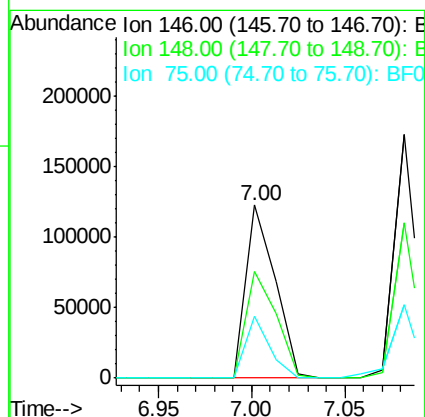
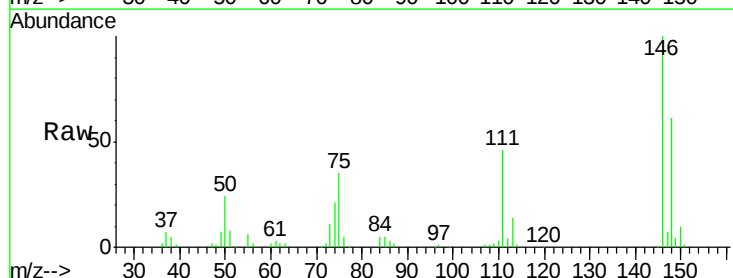
Instrument :
BNA_F
ClientSampleId :
ICVBF071715

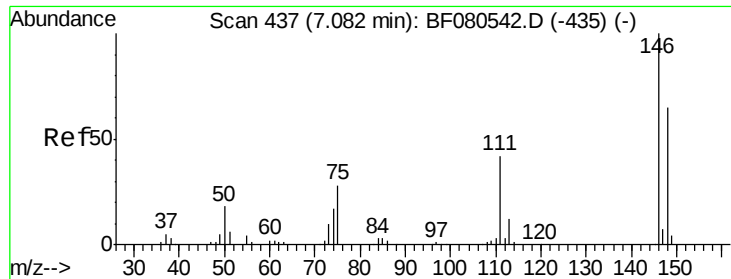
Tgt Ion: 93 Resp: 101229
Ion Ratio Lower Upper
93 100
63 76.8 60.3 100.3
95 33.6 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 41.79 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 146 Resp: 133290
Ion Ratio Lower Upper
146 100
148 61.3 49.2 73.8
75 35.5 29.1 43.7

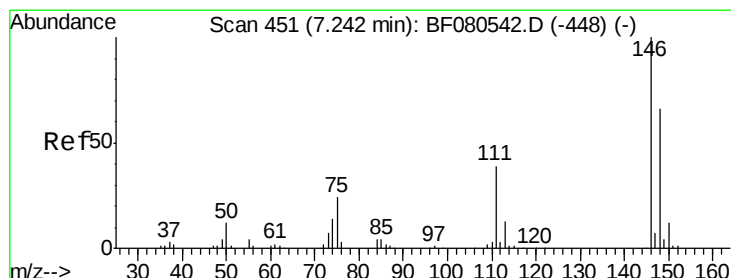
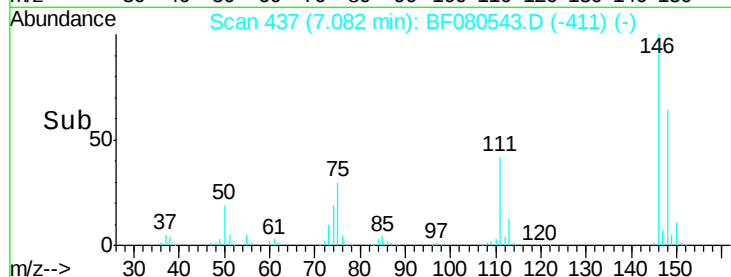
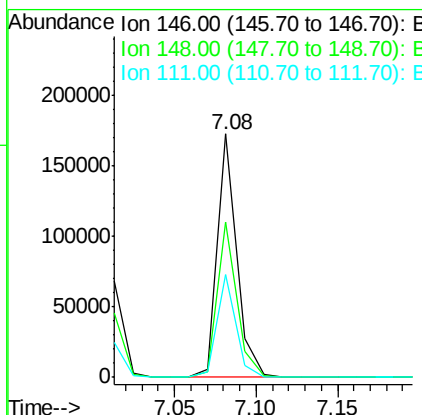
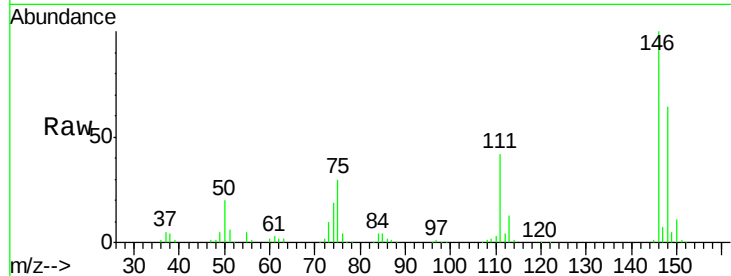




#13
 1,4-Dichlorobenzene
 Concen: 40.81 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

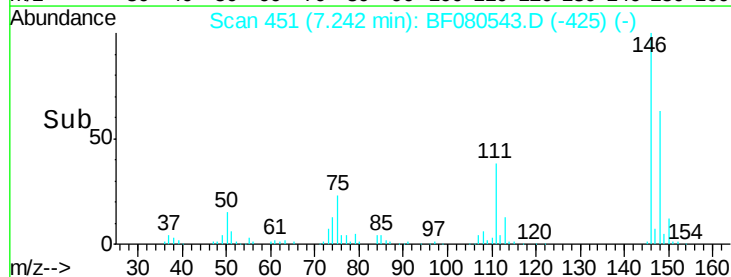
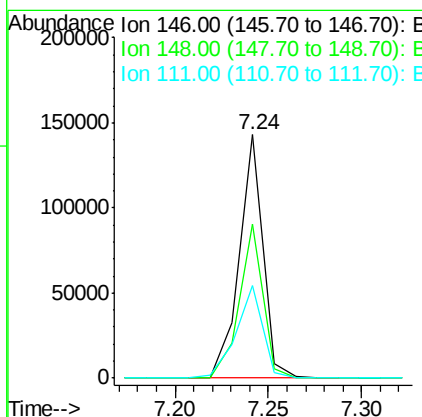
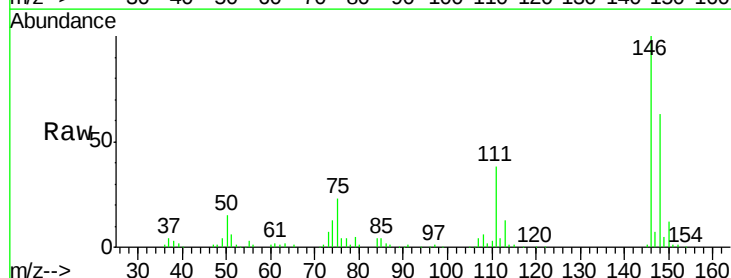
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

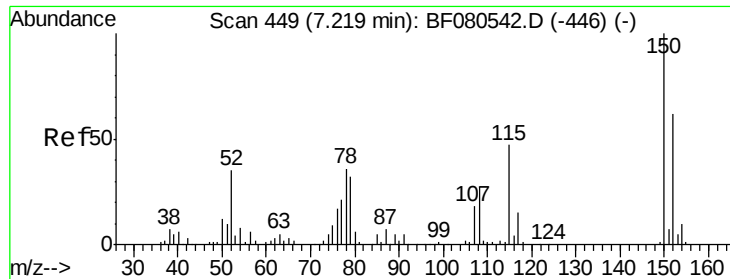
Tgt Ion:146 Resp: 142868
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 42.0 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 39.45 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:146 Resp: 127010
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.5 78.7
 111 38.0 31.5 47.3

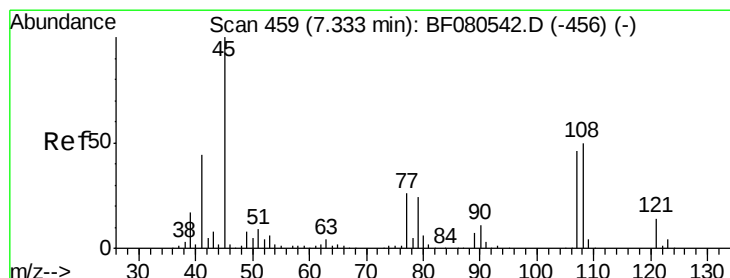
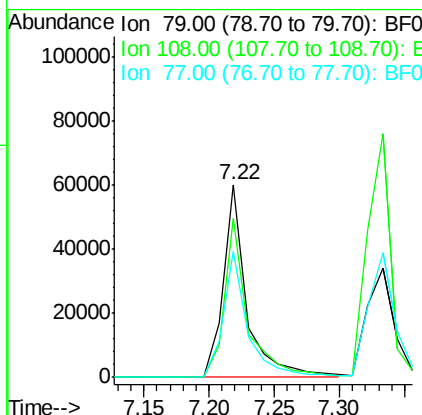
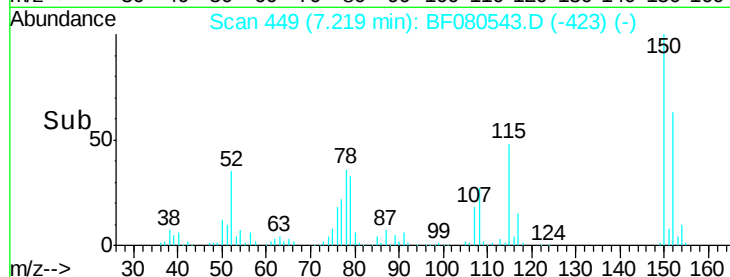
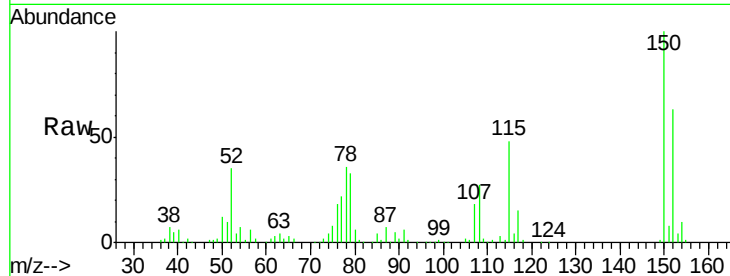




#15
Benzyl Alcohol
Concen: 38.61 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

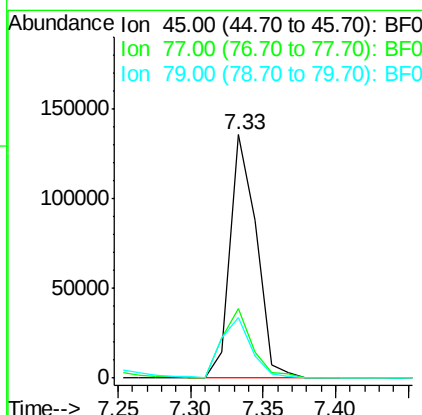
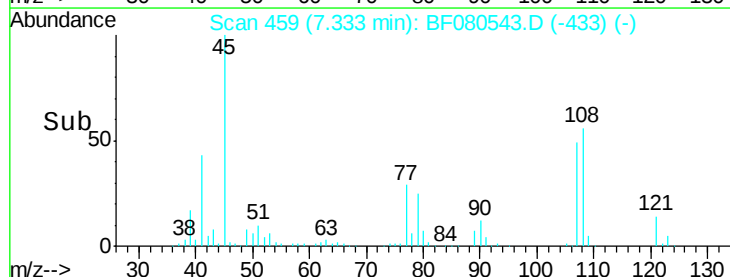
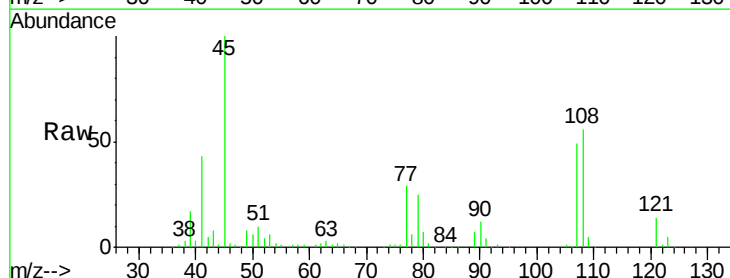
Instrument :
BNA_F
ClientSampleId :
ICVBF071715

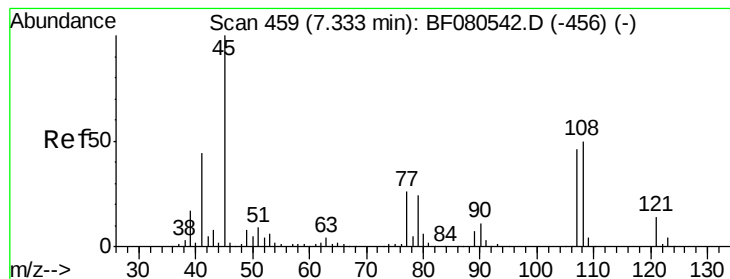
Tgt Ion: 79 Resp: 75921
Ion Ratio Lower Upper
79 100
108 82.8 67.8 101.6
77 65.5 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.34 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 45 Resp: 171049
Ion Ratio Lower Upper
45 100
77 28.6 6.6 46.6
79 25.0 4.0 44.0





#17

2-Methylphenol

Concen: 38.53 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

Tgt Ion:107 Resp: 83000

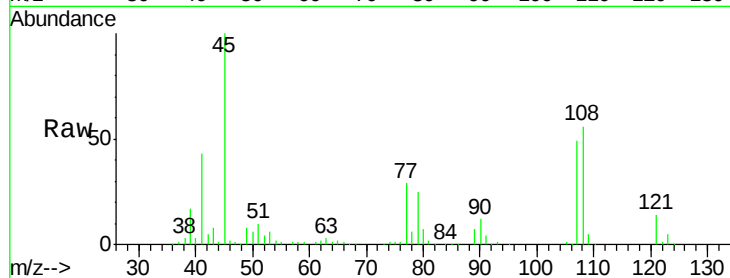
Ion Ratio Lower Upper

107 100

108 114.5 86.8 130.2

77 58.4 46.2 69.4

79 51.2 41.8 62.6

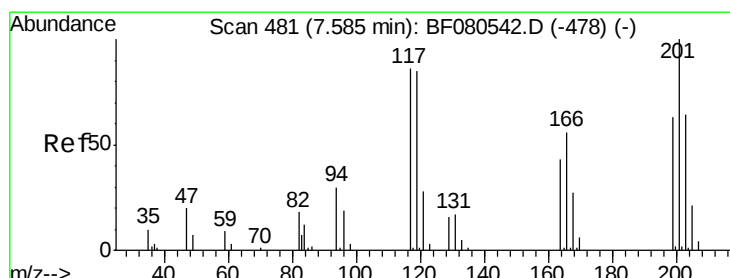
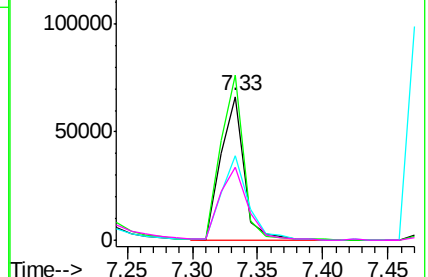
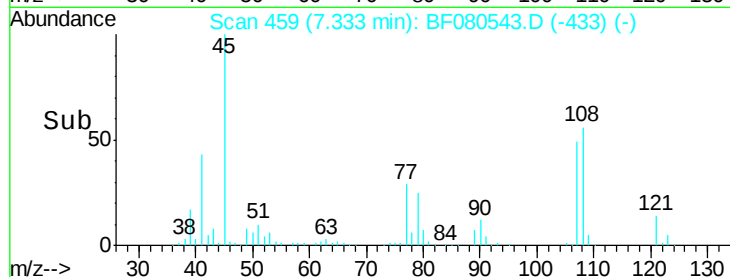


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.29 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

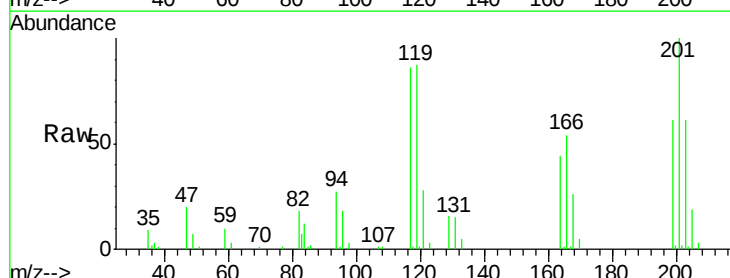
Tgt Ion:117 Resp: 41839

Ion Ratio Lower Upper

117 100

119 101.5 79.1 118.7

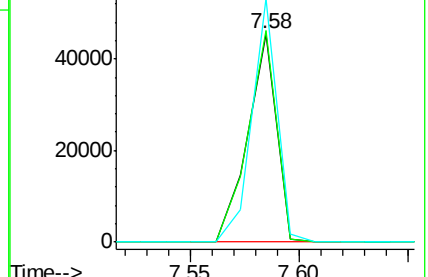
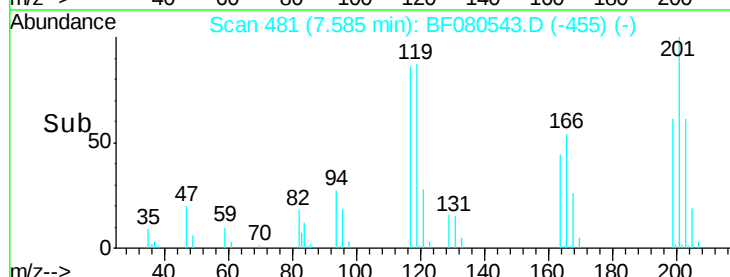
201 116.9 92.7 139.1

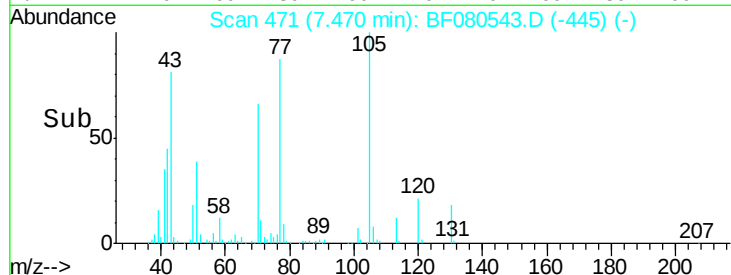
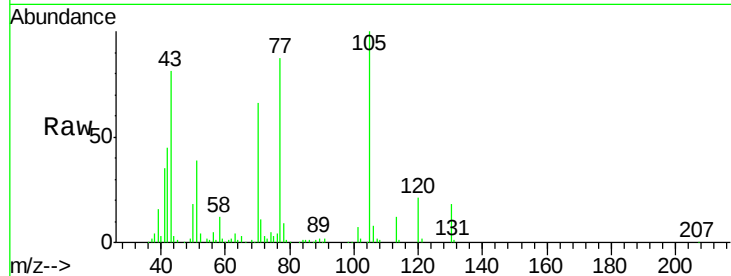
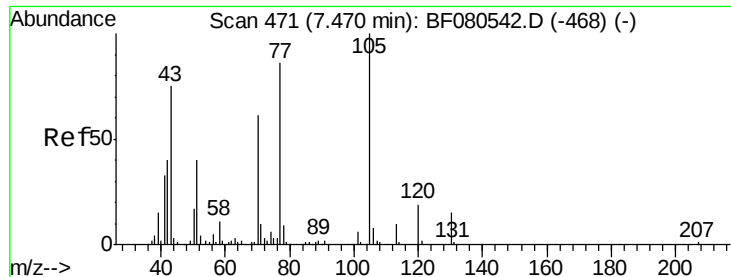


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

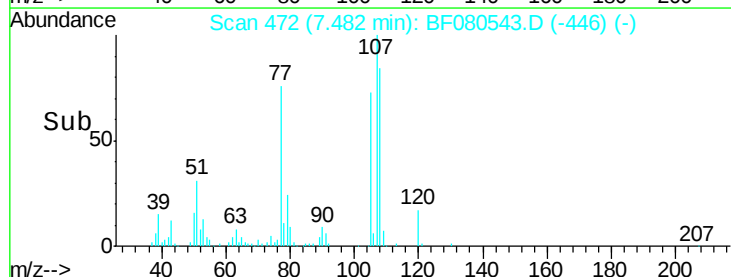
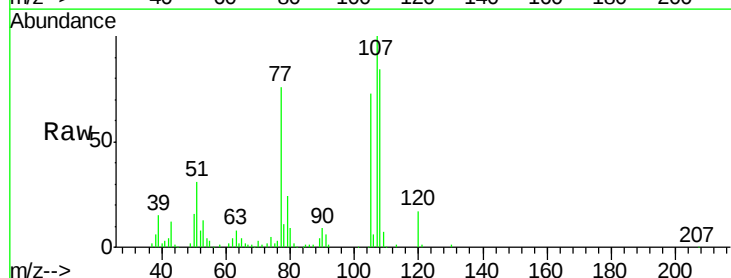
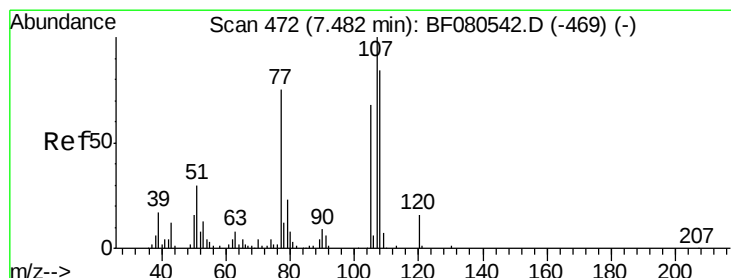
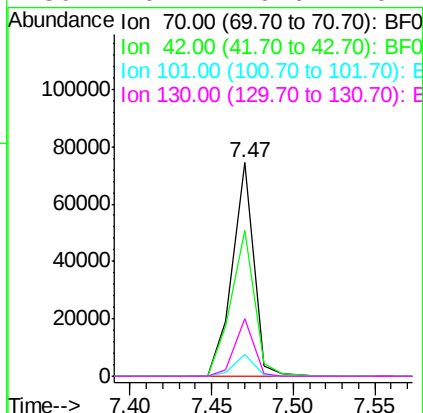




#19
n-Nitroso-di-n-propylamine
Concen: 39.04 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

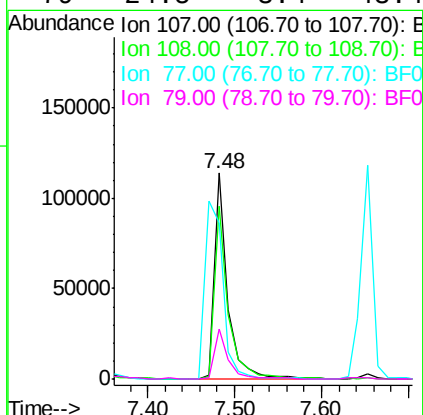
Instrument :
BNA_F
ClientSampleId :
ICVBF071715

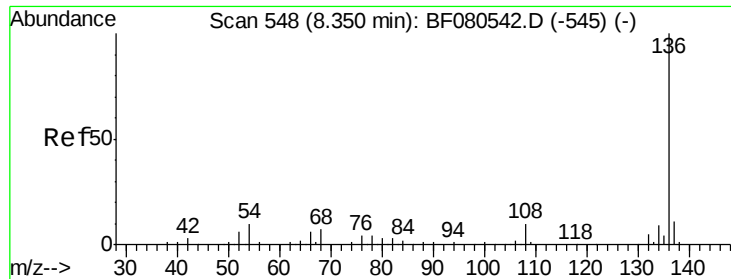
Tgt Ion:	70	Resp:	67580
Ion	Ratio	Lower	Upper
70	100		
42	68.0	52.6	78.8
101	10.5	8.3	12.5
130	26.7	19.6	29.4



#20
3+4-Methylphenols
Concen: 39.74 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:	107	Resp:	123582
Ion	Ratio	Lower	Upper
107	100		
108	83.9	64.0	104.0
77	76.0	55.4	95.4
79	24.5	3.4	43.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

Tgt Ion:136 Resp: 164672

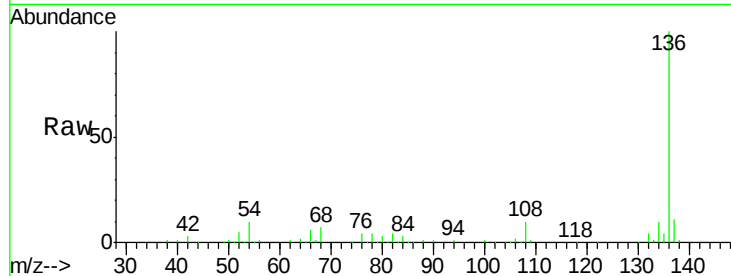
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.4 8.3 12.5

68 6.8 5.4 8.2

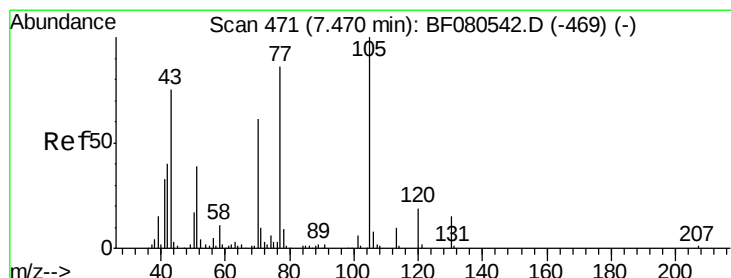
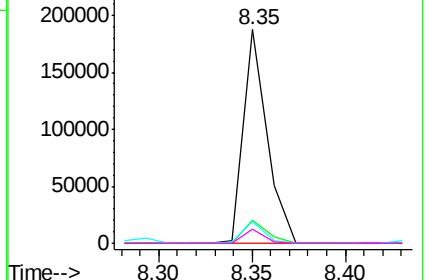
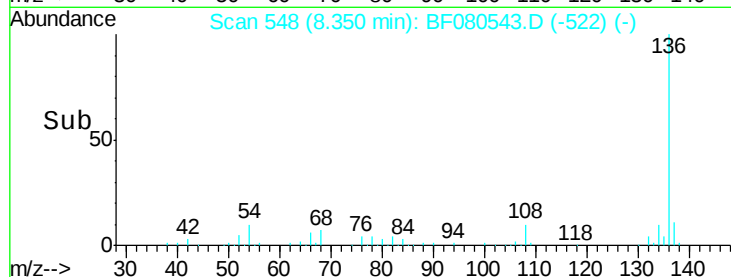


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.68 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Tgt Ion:105 Resp: 140259

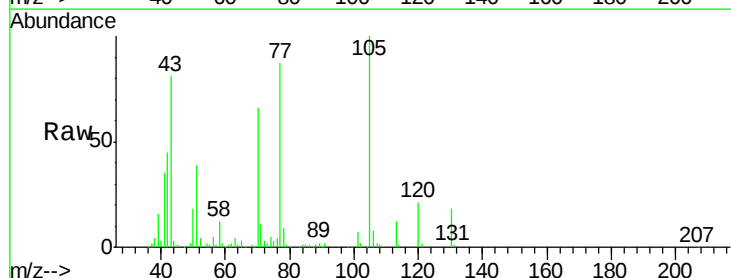
Ion Ratio Lower Upper

105 100

71 10.7 8.3 12.5

51 38.9 31.6 47.4

120 20.7 15.5 23.3

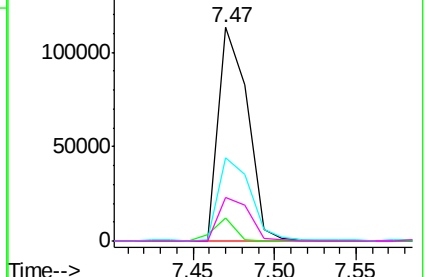
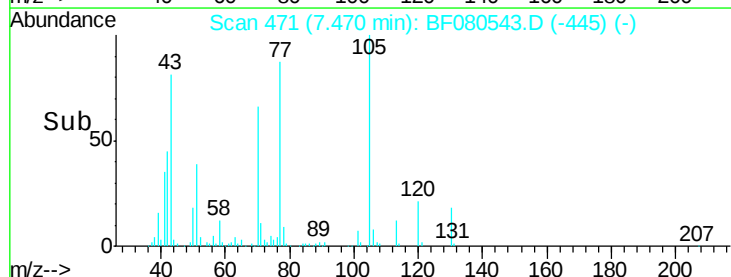


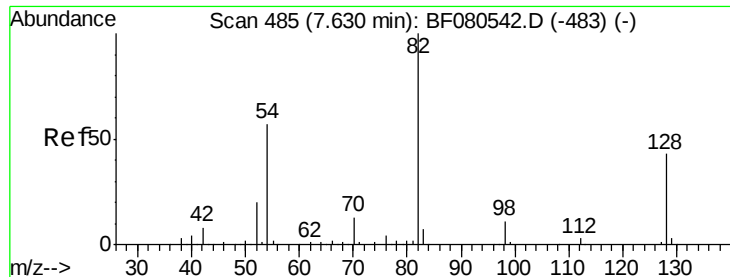
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

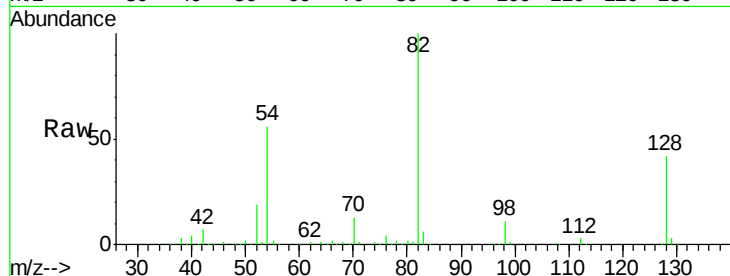




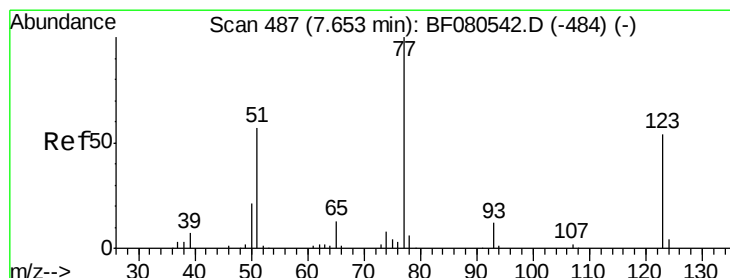
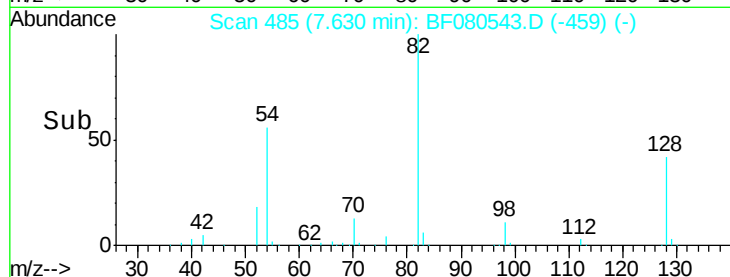
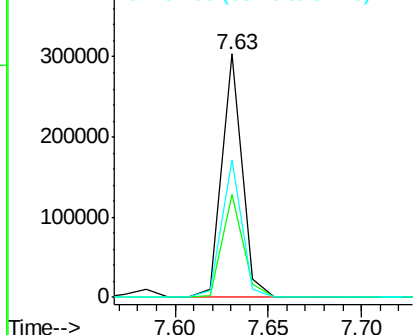
#23
Nitrobenzene-d5
Concen: 89.59 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Tgt Ion: 82 Resp: 231376
Ion Ratio Lower Upper
82 100
128 42.1 34.6 51.8
54 56.5 45.8 68.6

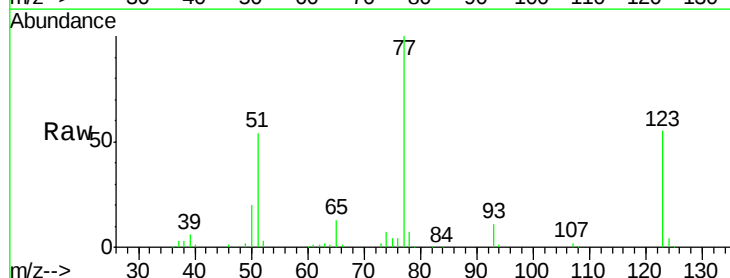


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

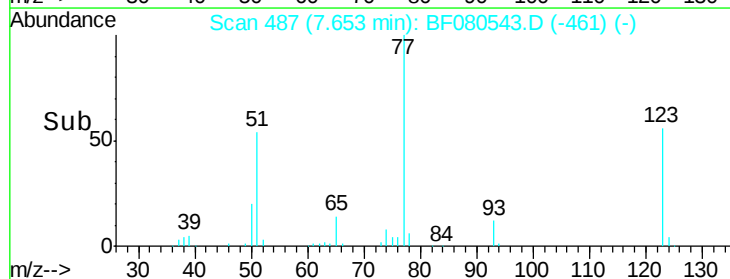
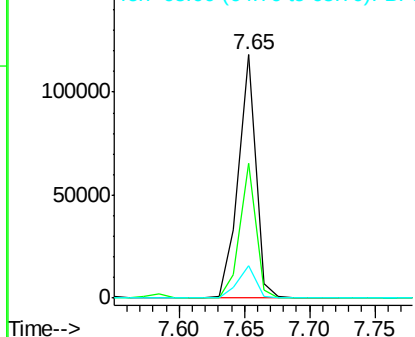


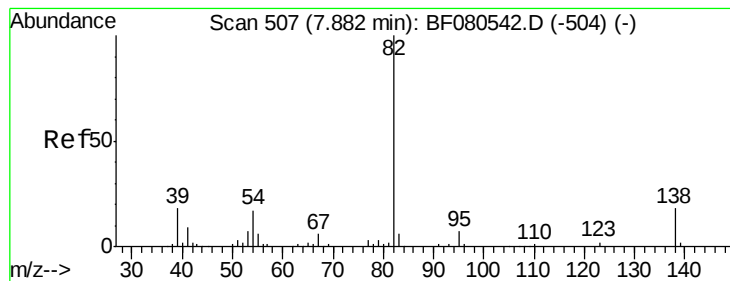
#24
Nitrobenzene
Concen: 37.92 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 77 Resp: 110674
Ion Ratio Lower Upper
77 100
123 55.2 42.9 64.3
65 13.4 10.7 16.1



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





#25

Isophorone

Concen: 40.95 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

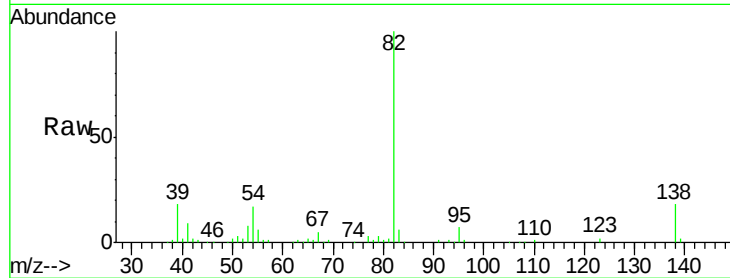
Tgt Ion: 82 Resp: 201865

Ion Ratio Lower Upper

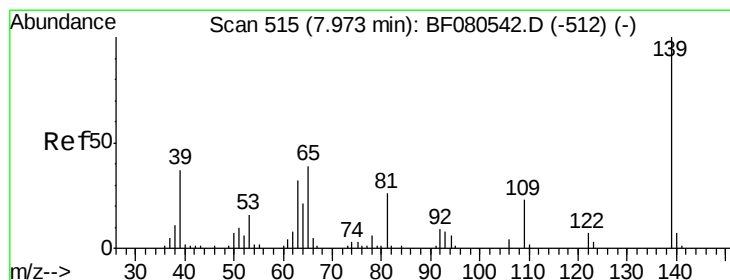
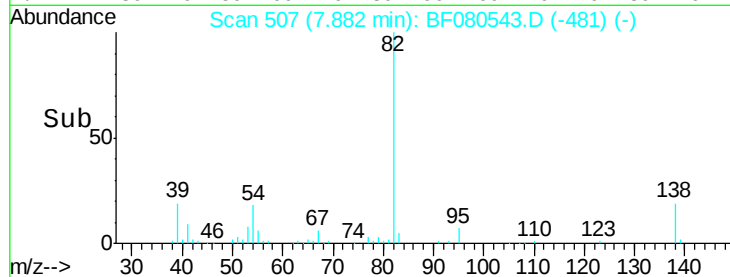
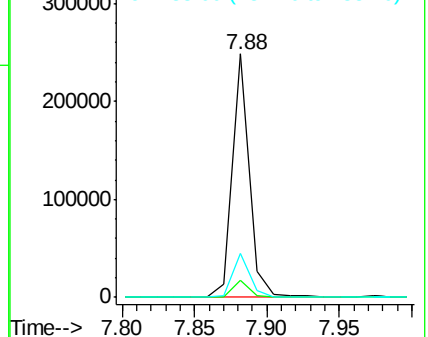
82 100

95 6.8 5.5 8.3

138 18.3 14.7 22.1



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



#26

2-Nitrophenol

Concen: 40.55 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

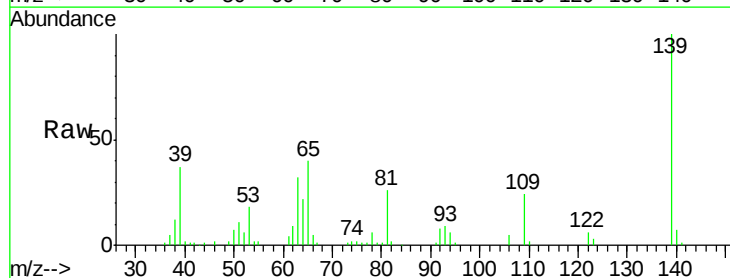
Tgt Ion: 139 Resp: 58075

Ion Ratio Lower Upper

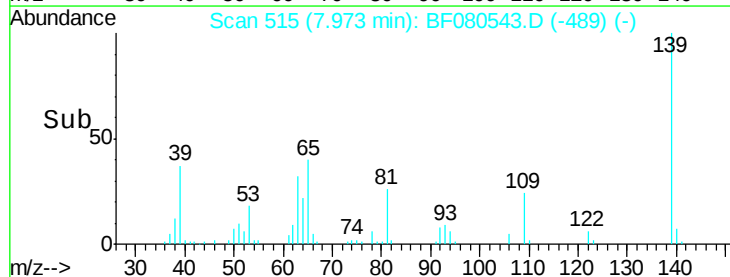
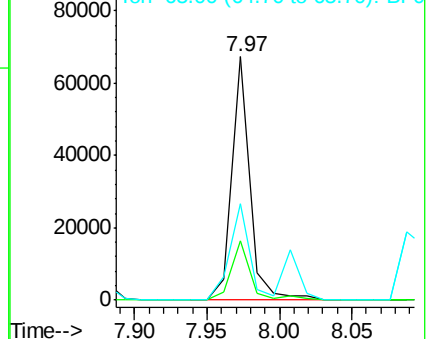
139 100

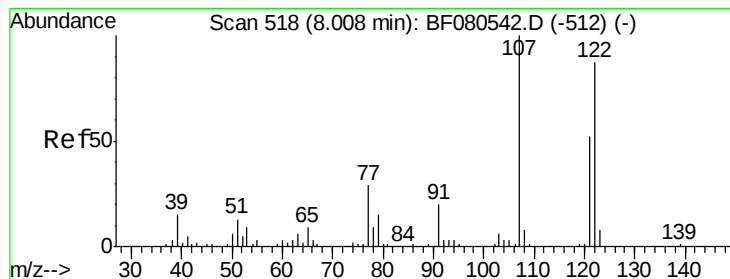
109 24.2 18.3 27.5

65 39.7 31.0 46.6



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: 44.12 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

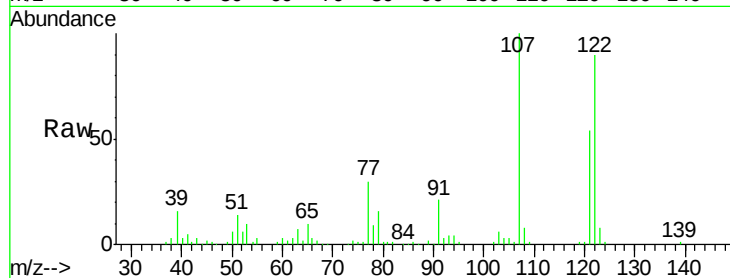
Tgt Ion:122 Resp: 108213

Ion Ratio Lower Upper

122 100

107 111.0 91.6 137.4

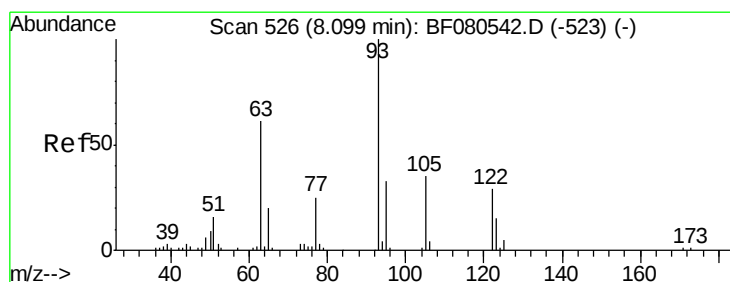
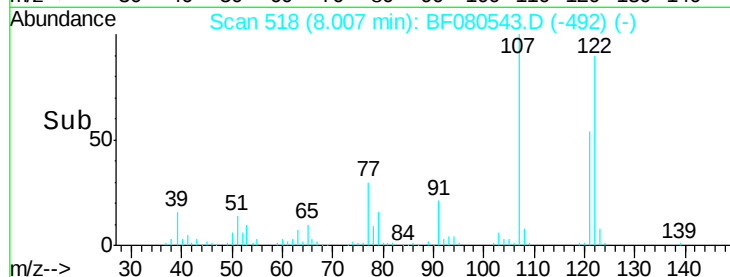
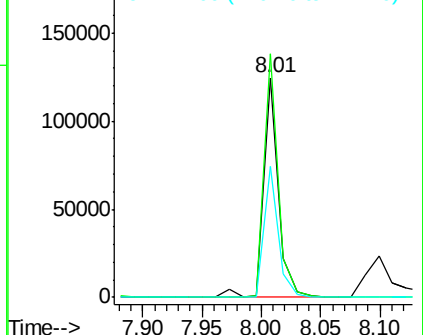
121 59.5 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.33 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

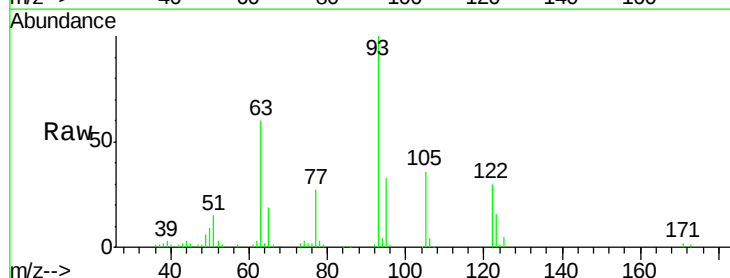
Tgt Ion: 93 Resp: 104640

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

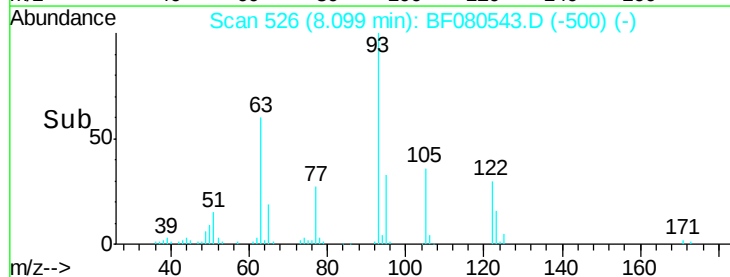
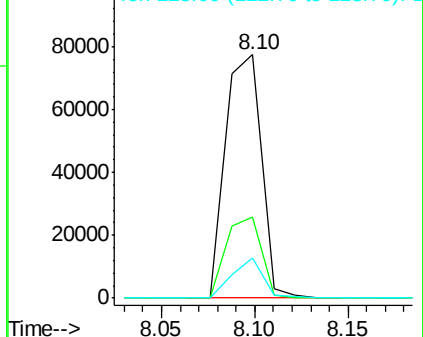
123 16.4 12.2 18.4

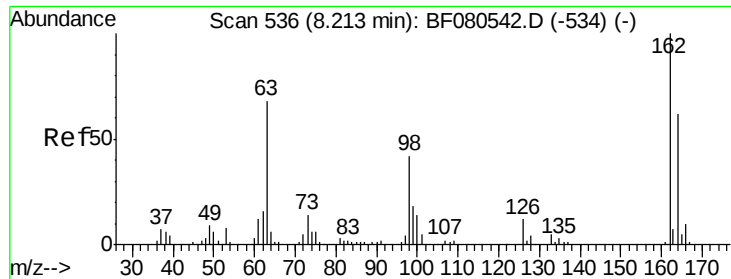


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

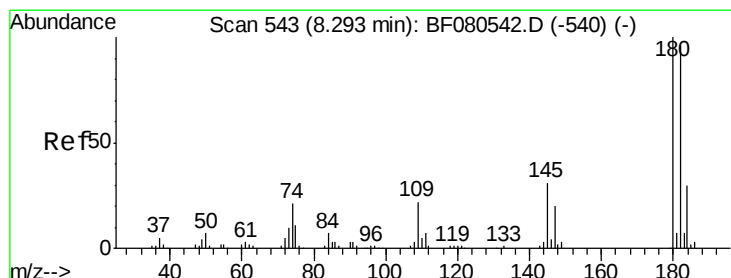
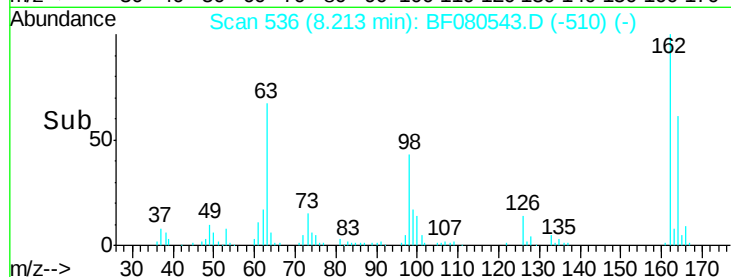
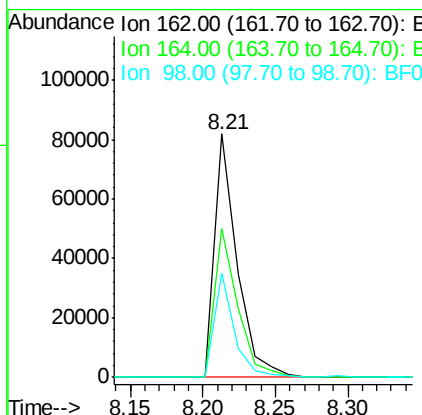
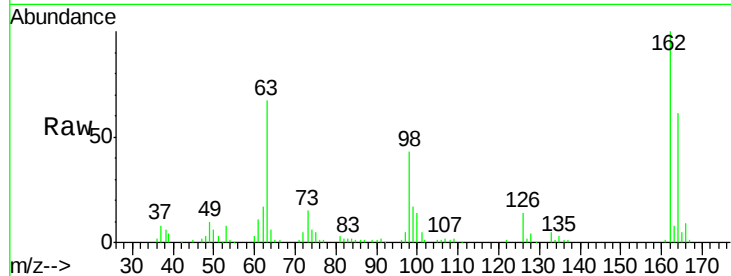




#29
 2,4-Dichlorophenol
 Concen: 42.47 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

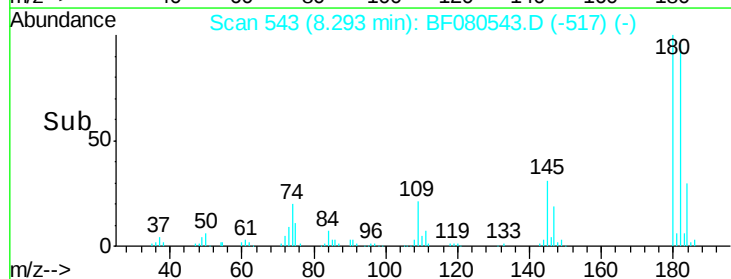
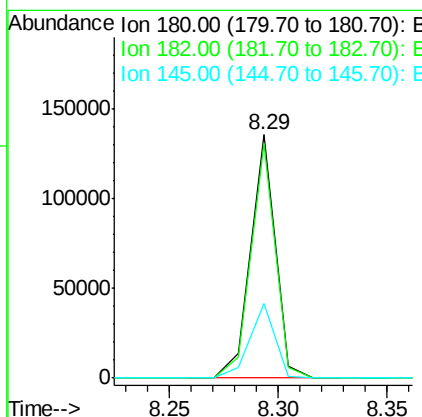
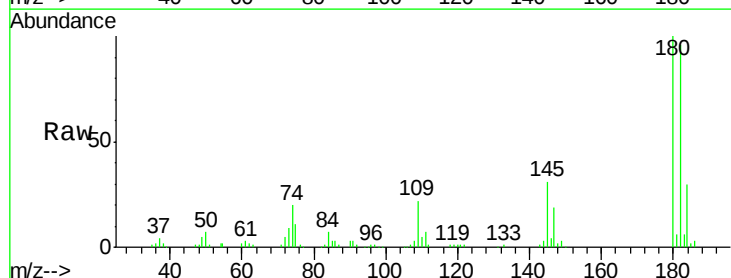
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

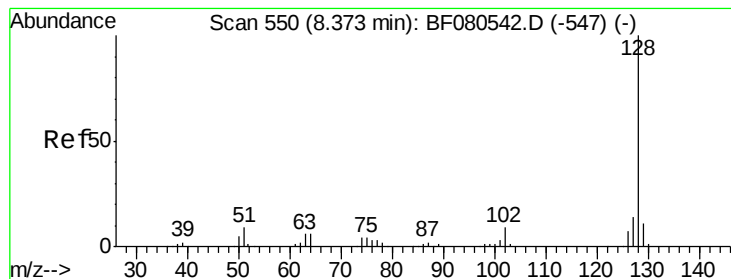
Tgt Ion:162 Resp: 88209
 Ion Ratio Lower Upper
 162 100
 164 61.4 41.6 81.6
 98 42.5 21.9 61.9



#30
 1,2,4-Trichlorobenzene
 Concen: 40.25 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:180 Resp: 106859
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.0 115.4
 145 30.8 24.5 36.7





#31

Naphthalene

Concen: 42.18 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

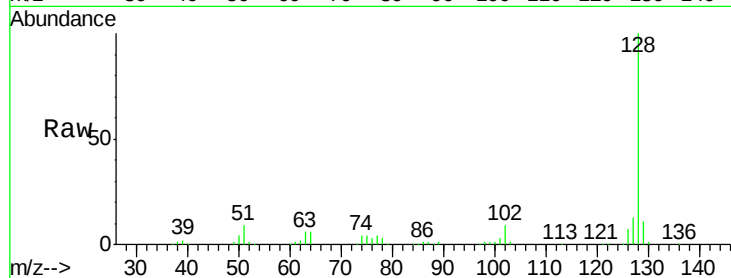
Tgt Ion:128 Resp: 343782

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

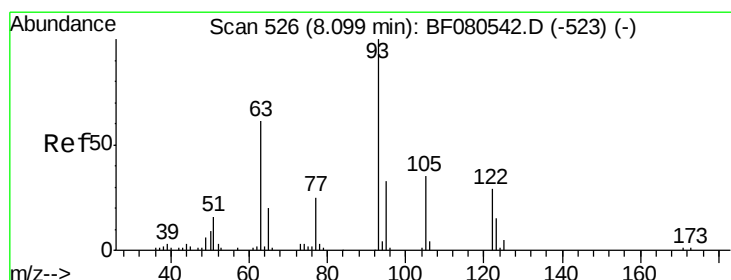
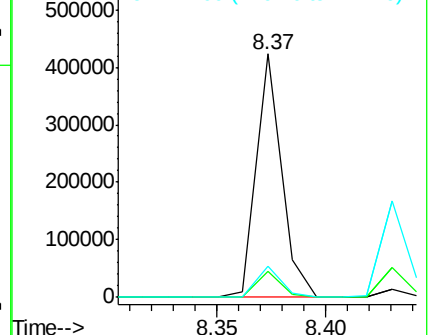
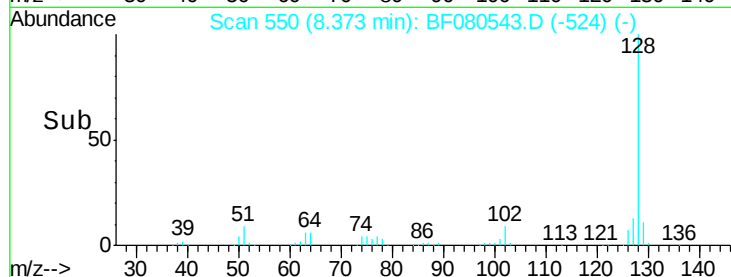
127 12.9 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.65 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

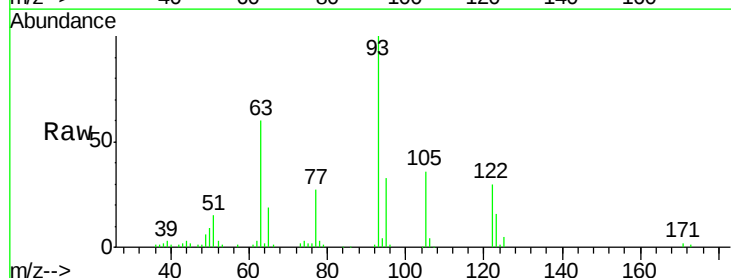
Tgt Ion:122 Resp: 42052

Ion Ratio Lower Upper

122 100

105 120.5 101.3 141.3

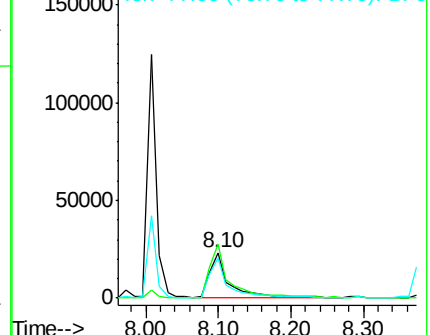
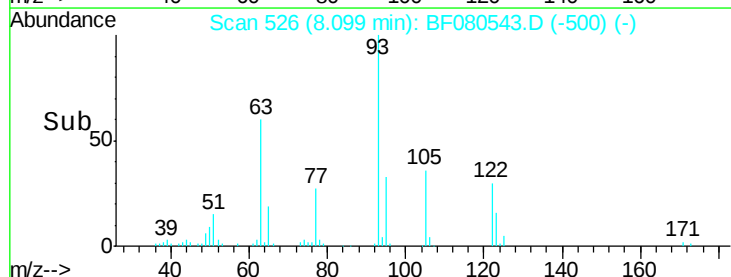
77 88.7 64.1 104.1

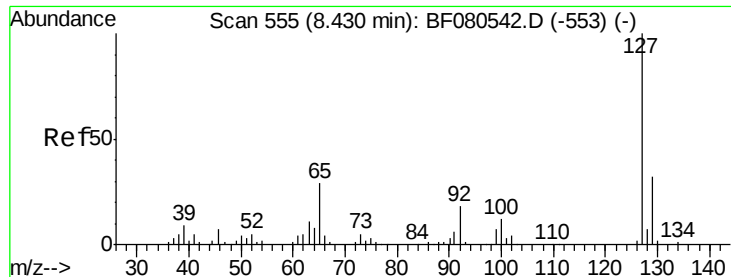


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

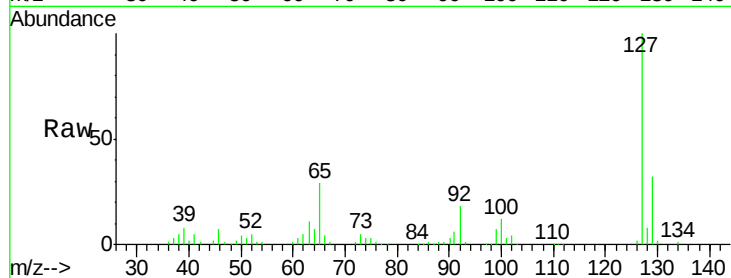




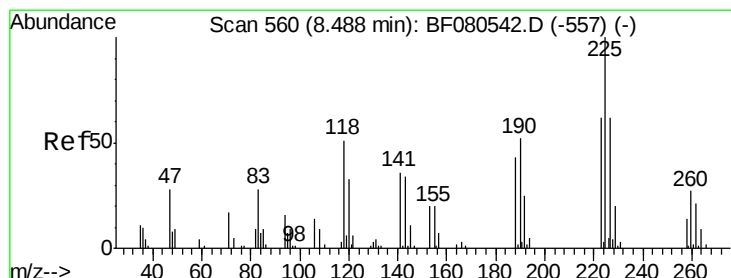
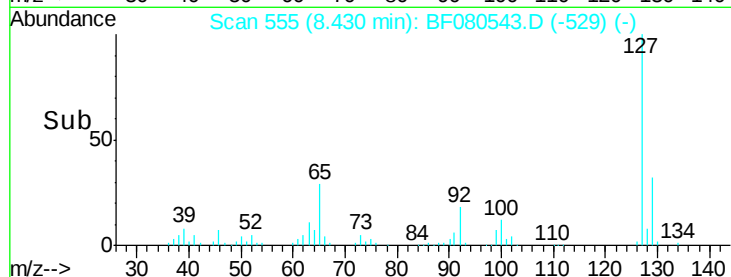
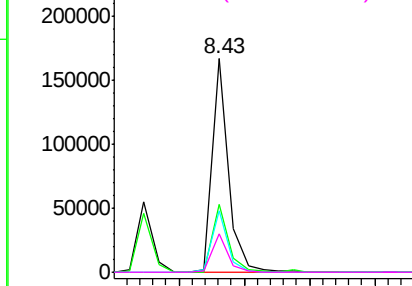
#33
 4-Chloroaniline
 Concen: 44.72 ng
 RT: 8.43 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

Tgt Ion:	127	Resp:	145210
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	29.0	23.5	35.3
92	17.8	14.2	21.4

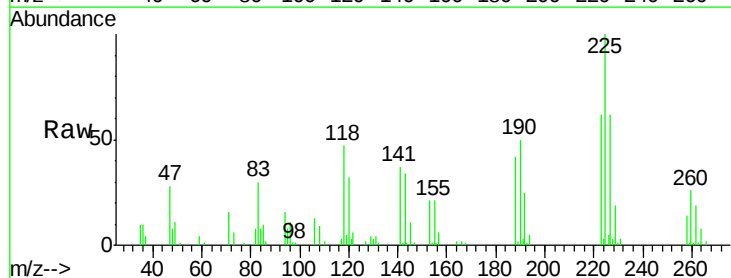


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

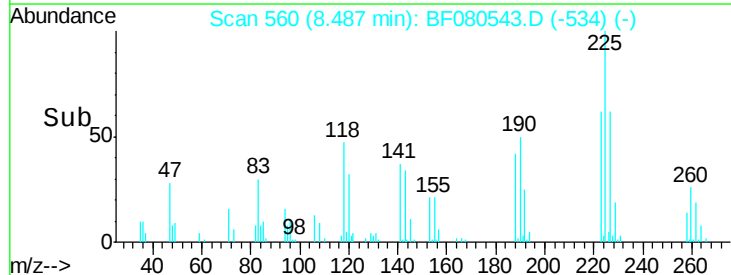
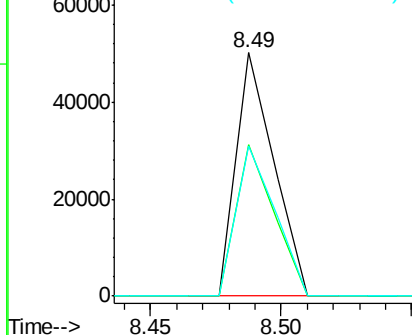


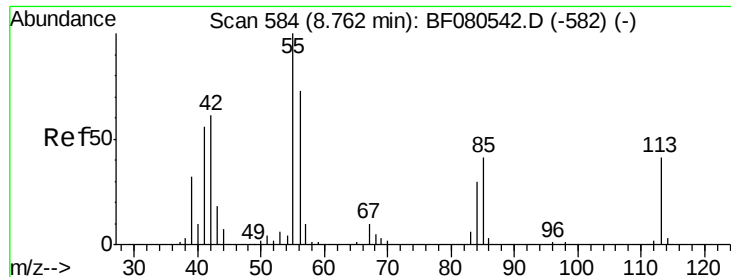
#34
 Hexachlorobutadiene
 Concen: 41.11 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:	225	Resp:	50897
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	61.5	49.3	73.9



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

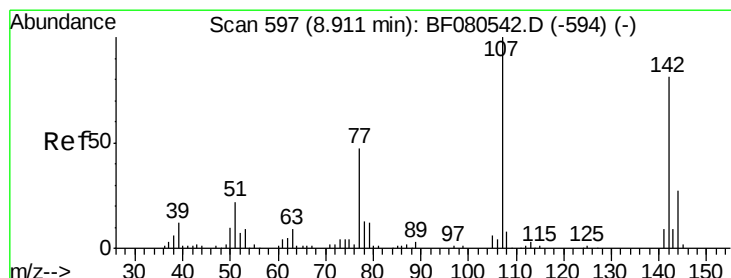
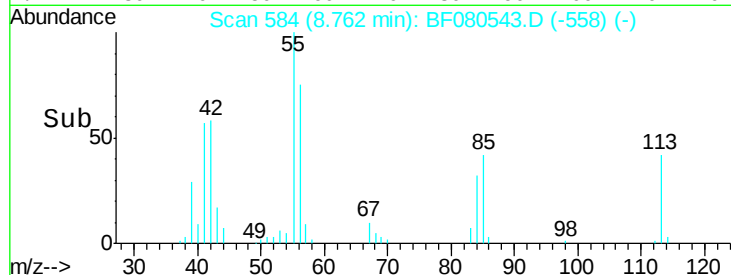
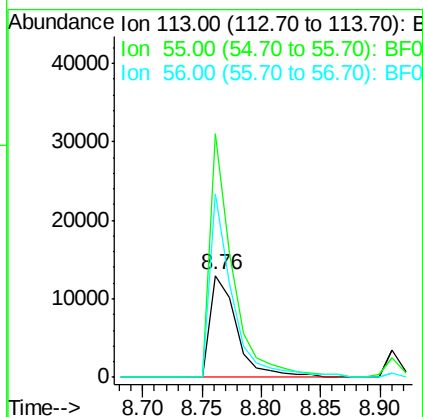
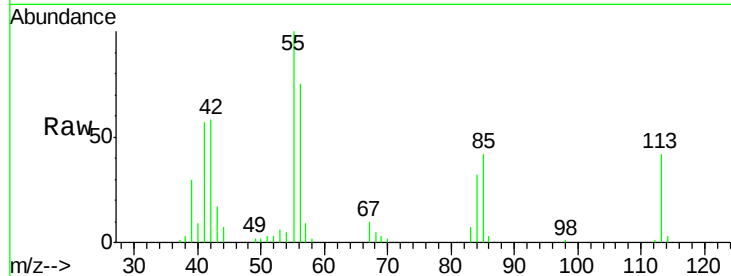




#35
 Caprolactam
 Concen: 41.63 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

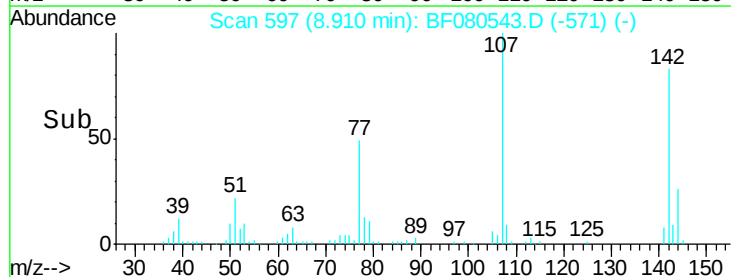
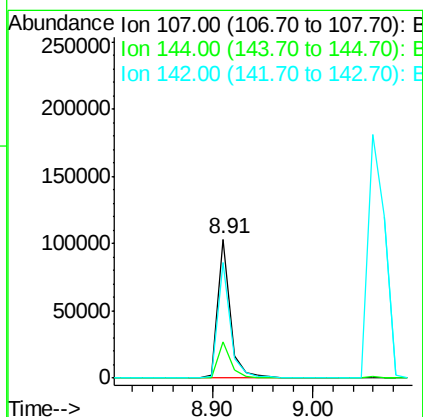
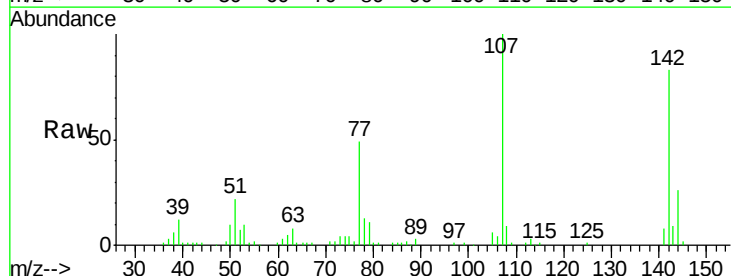
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

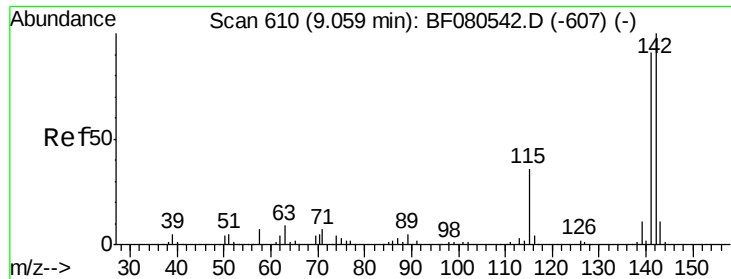
Tgt Ion:113 Resp: 20215
 Ion Ratio Lower Upper
 113 100
 55 239.7 225.3 265.3
 56 180.3 159.9 199.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.90 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:107 Resp: 89657
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.0
 142 82.7 64.4 96.6

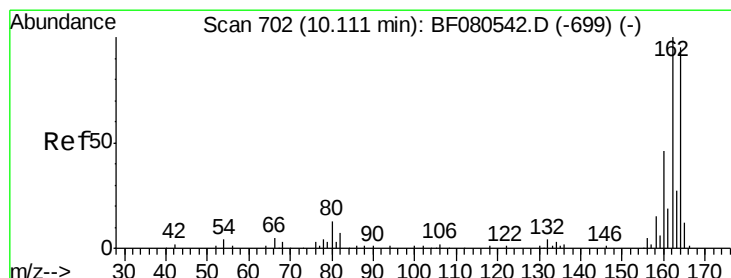
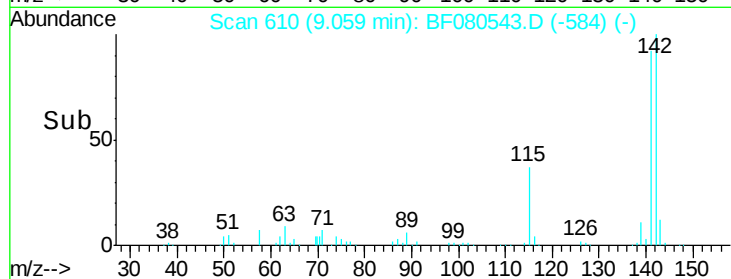
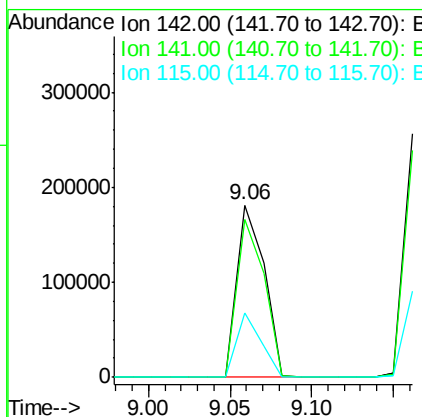
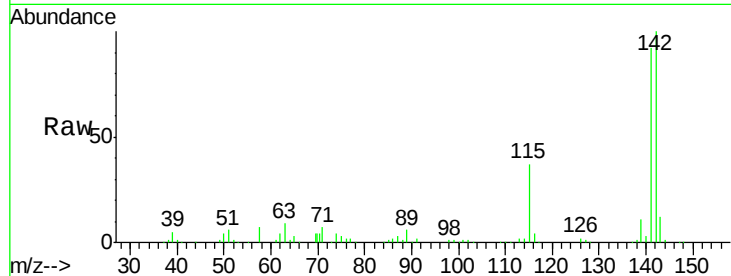




#37
 2-Methylnaphthalene
 Concen: 41.78 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

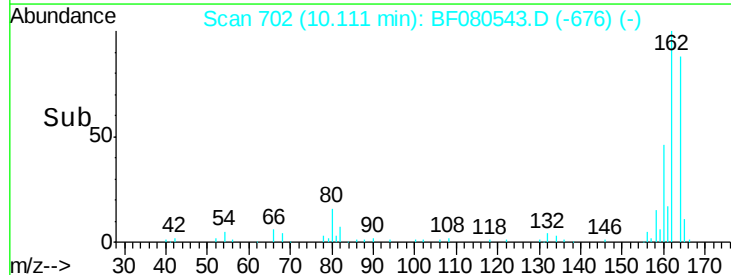
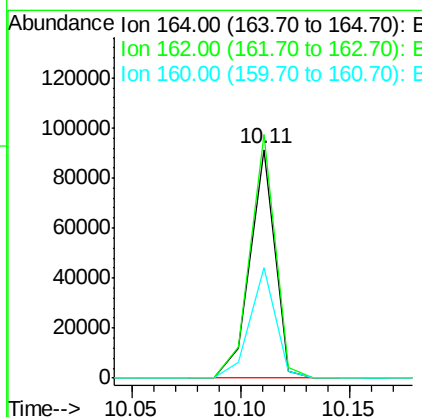
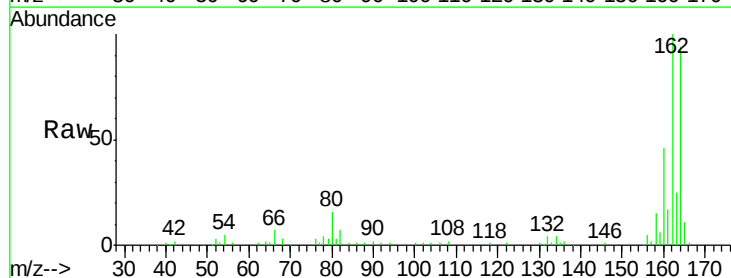
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

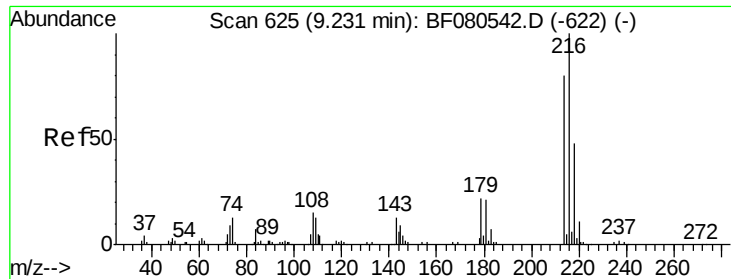
Tgt Ion:142 Resp: 209004
 Ion Ratio Lower Upper
 142 100
 141 91.6 72.5 108.7
 115 37.3 28.7 43.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:164 Resp: 72755
 Ion Ratio Lower Upper
 164 100
 162 106.4 84.1 126.1
 160 48.5 38.8 58.2

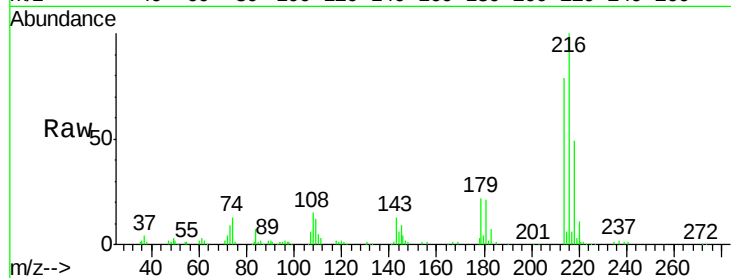




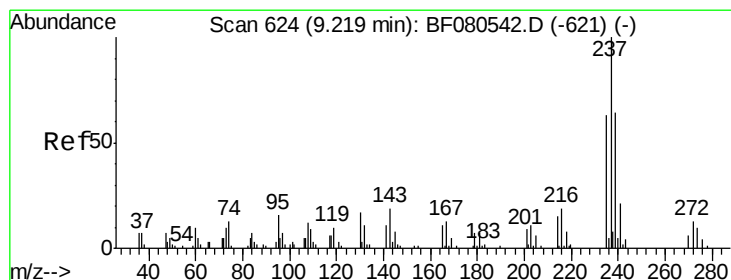
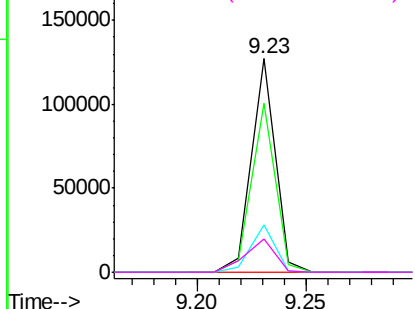
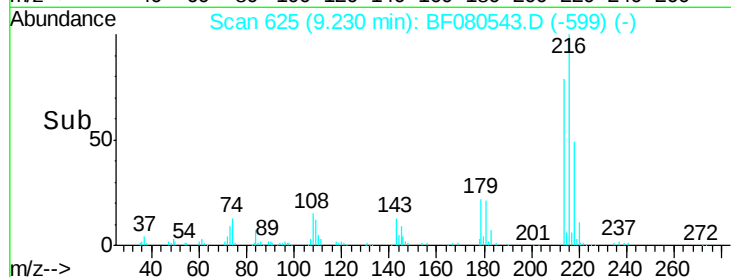
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

Tgt Ion:	216	Resp:	97337
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.6	95.4
179	23.0	18.3	27.5
108	19.2	15.0	22.4

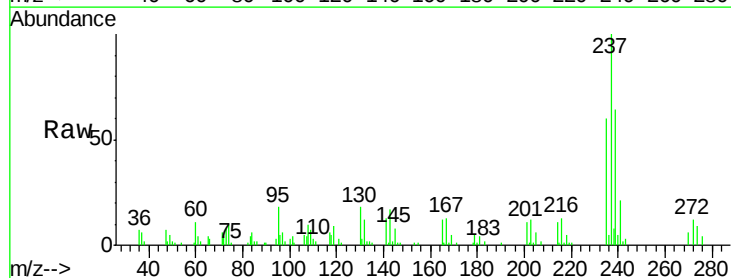


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

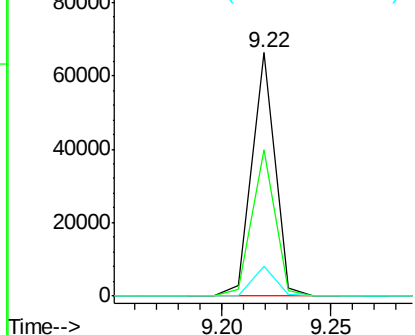
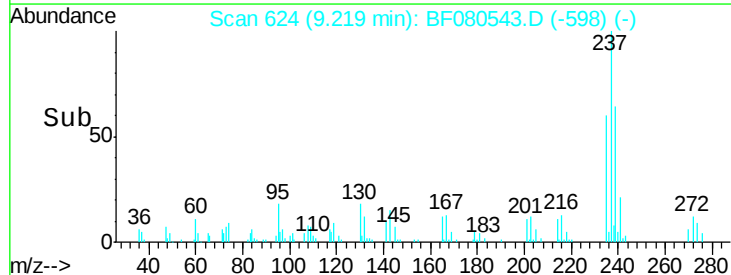


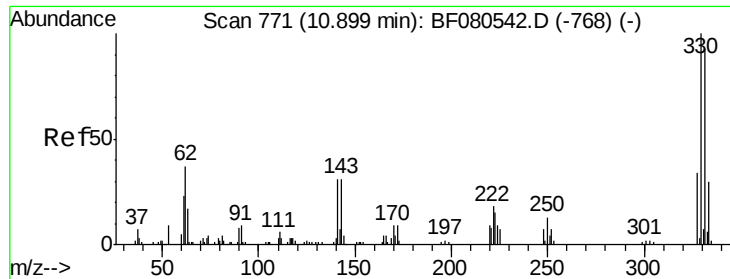
#40
 Hexachlorocyclopentadiene
 Concen: 45.38 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:	237	Resp:	49148
Ion	Ratio	Lower	Upper
237	100		
235	60.3	43.1	83.1
272	12.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

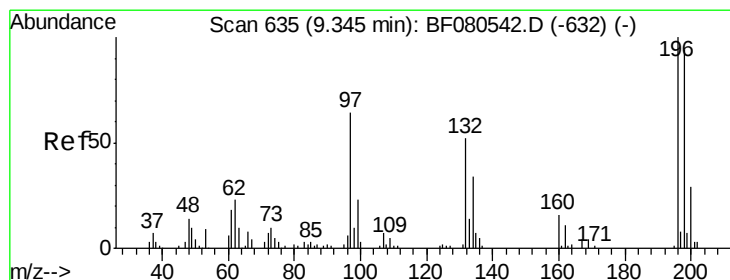
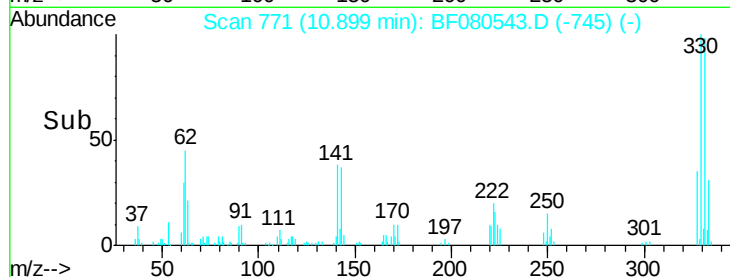
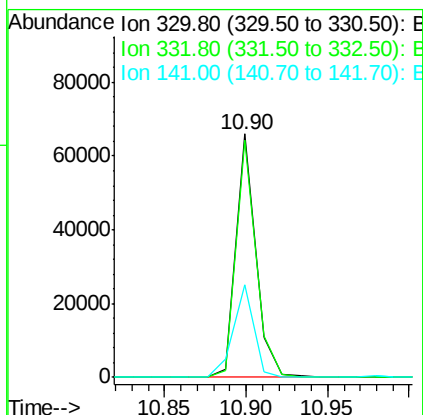
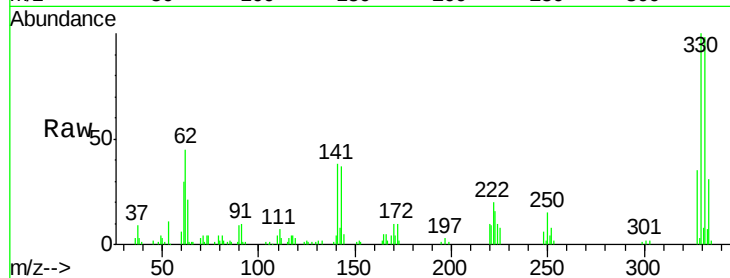




#41
 2,4,6-Tribromophenol
 Concen: 84.58 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

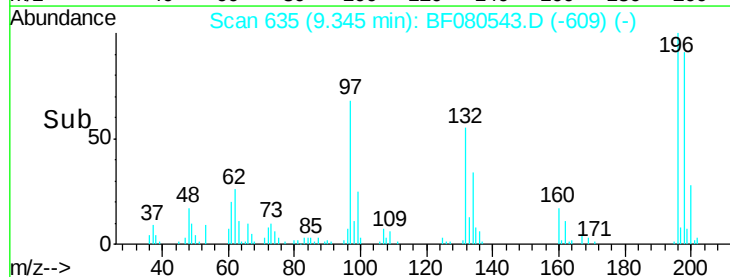
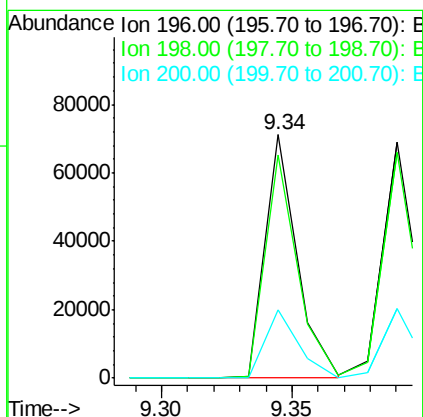
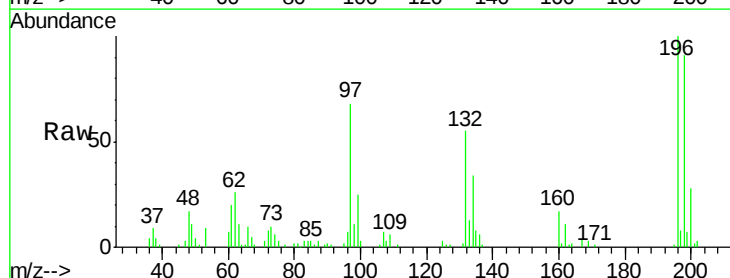
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

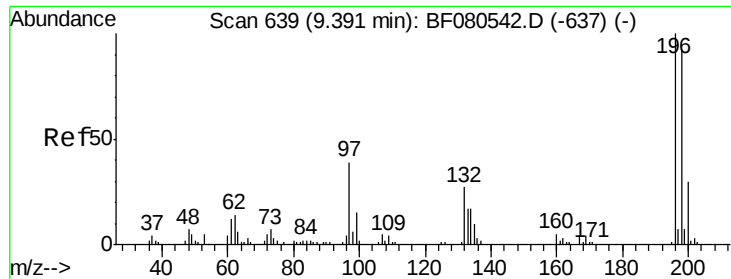
Tgt Ion:330 Resp: 55066
 Ion Ratio Lower Upper
 330 100
 332 97.5 74.3 111.5
 141 39.4 29.0 43.4



#42
 2,4,6-Trichlorophenol
 Concen: 45.87 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:196 Resp: 60779
 Ion Ratio Lower Upper
 196 100
 198 91.4 75.4 113.2
 200 27.9 23.3 34.9

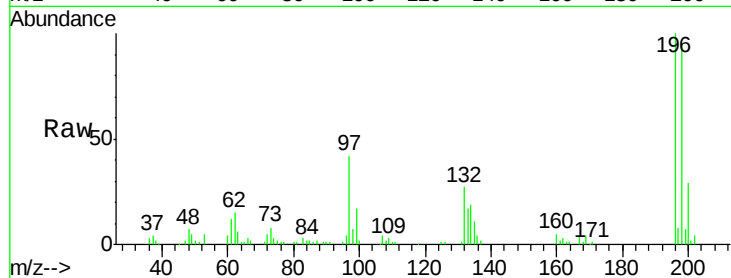




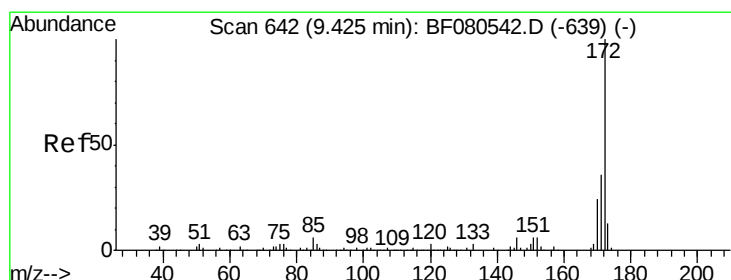
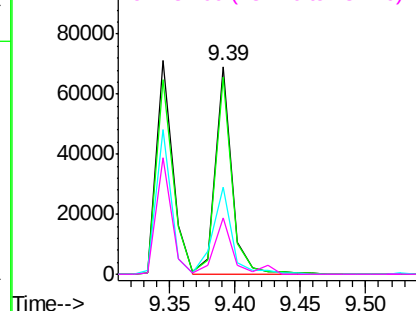
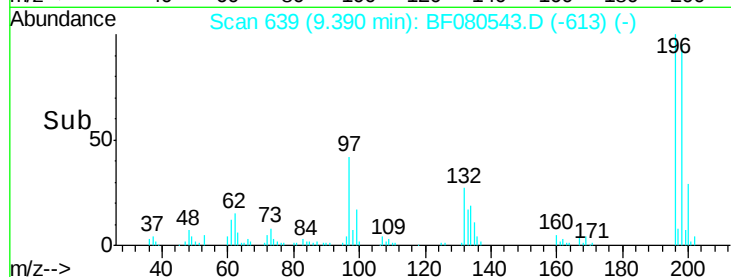
#43
 2,4,5-Trichlorophenol
 Concen: 42.36 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

Tgt Ion:196 Resp: 61334
 Ion Ratio Lower Upper
 196 100
 198 95.2 73.8 110.8
 97 41.9 31.3 46.9
 132 27.4 21.7 32.5

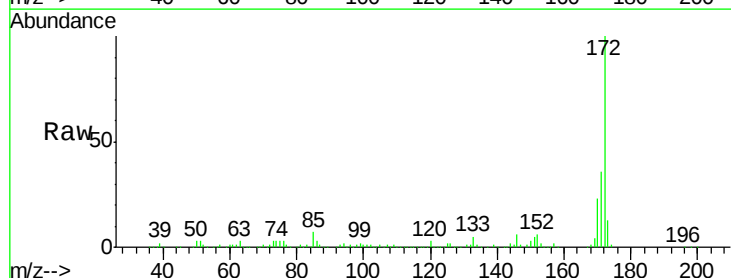


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

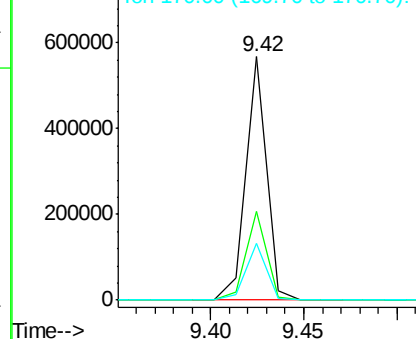
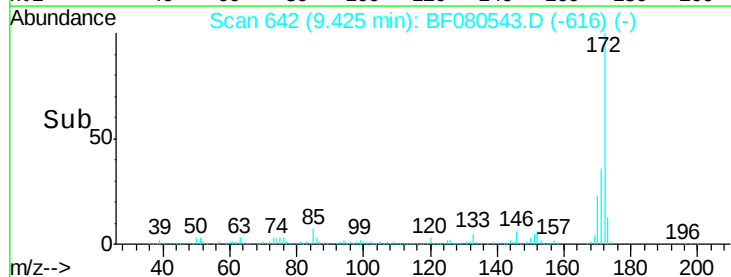


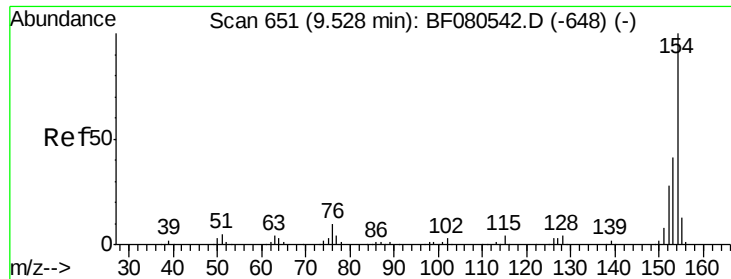
#44
 2-Fluorobiphenyl
 Concen: 85.09 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:172 Resp: 440764
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 23.4 19.0 28.4



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

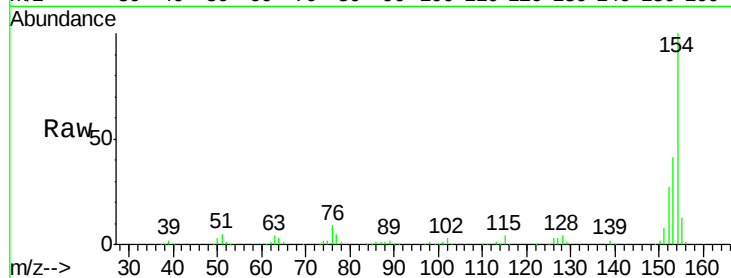




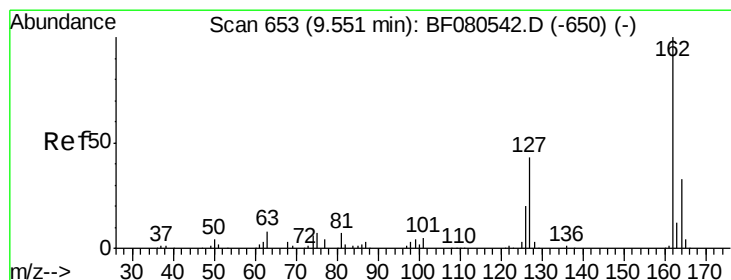
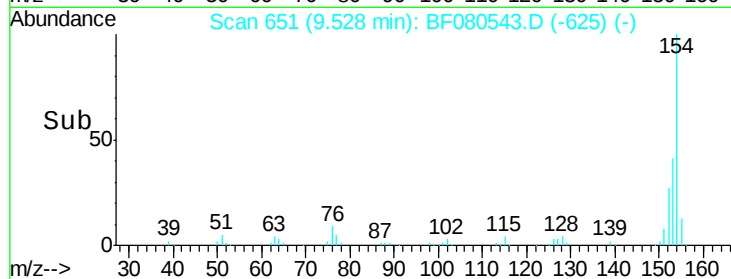
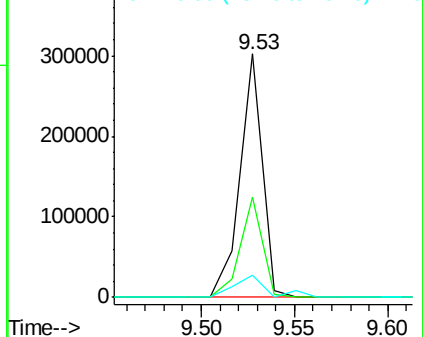
#45
 1,1'-Biphenyl
 Concen: 41.90 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

Tgt Ion:	154	Resp:	252723
Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	9.3	0.0	29.6

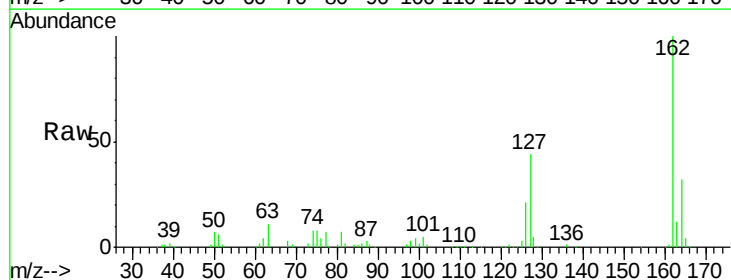


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

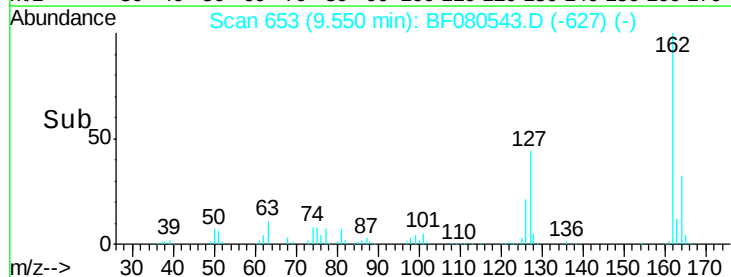
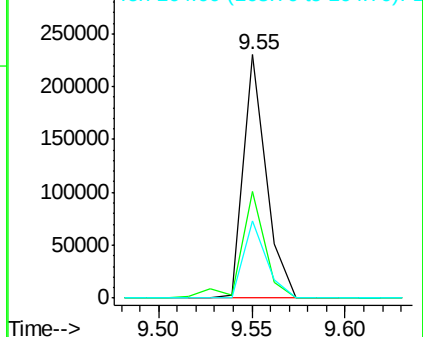


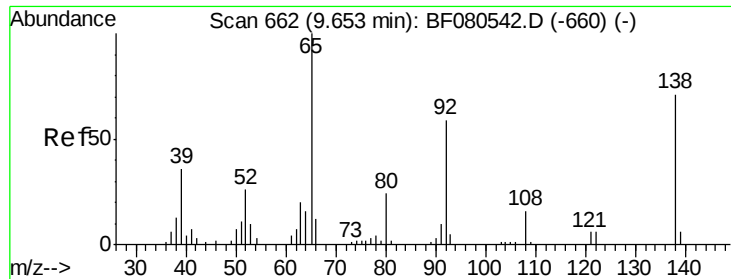
#46
 2-Chloronaphthalene
 Concen: 43.96 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:	162	Resp:	195373
Ion	Ratio	Lower	Upper
162	100		
127	44.0	35.4	53.2
164	31.9	26.2	39.2



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

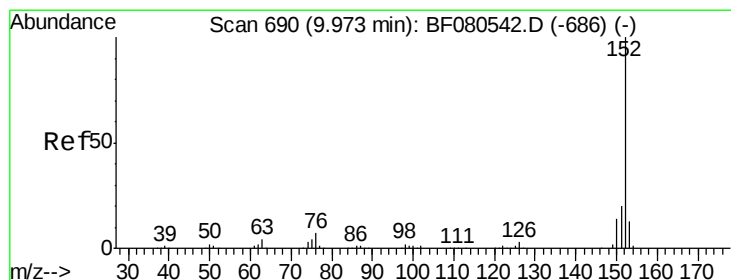
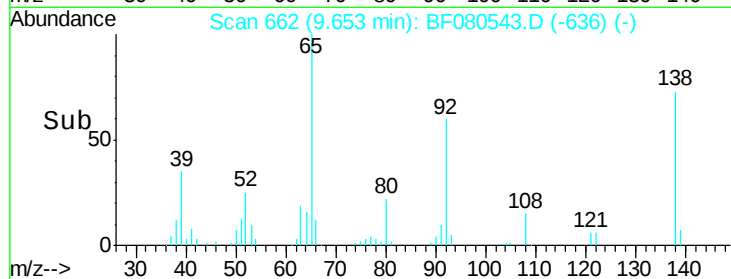
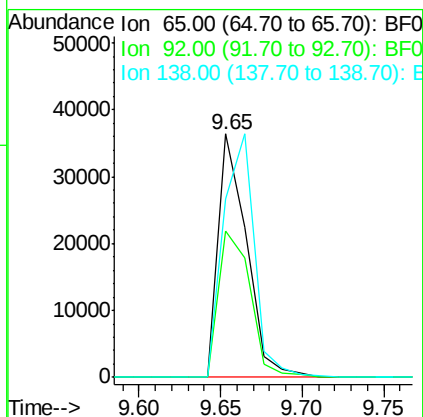
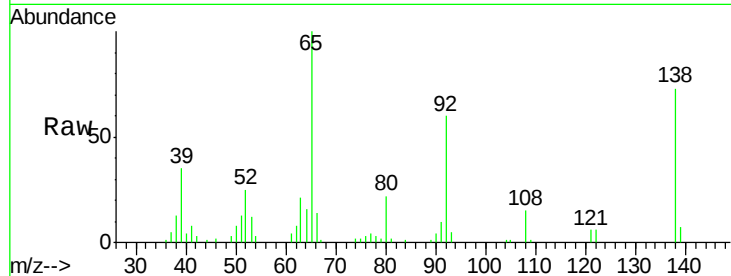




#47
 2-Nitroaniline
 Concen: 40.60 ng
 RT: 9.65 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

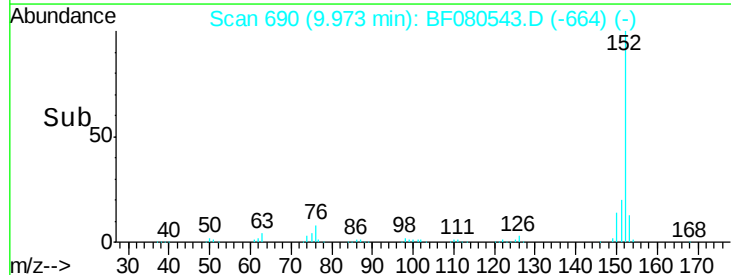
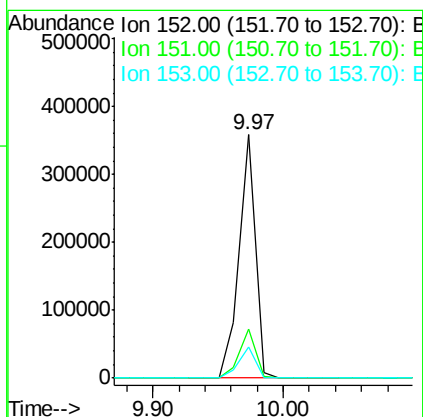
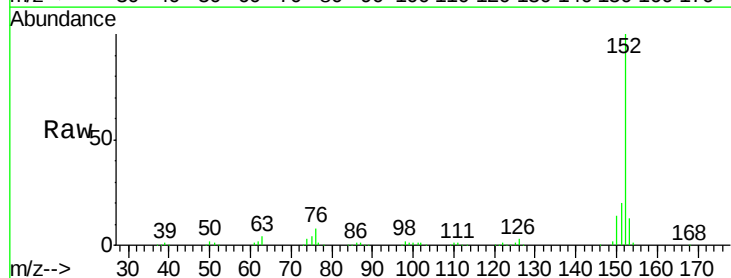
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

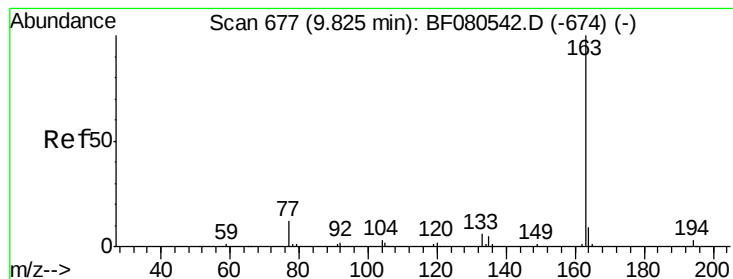
Tgt Ion: 65 Resp: 43734
 Ion Ratio Lower Upper
 65 100
 92 59.9 47.4 71.0
 138 73.5 57.1 85.7



#48
 Acenaphthylene
 Concen: 42.10 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion: 152 Resp: 309839
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.8 23.8
 153 12.6 10.4 15.6





#49

Dimethylphthalate

Concen: 40.88 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

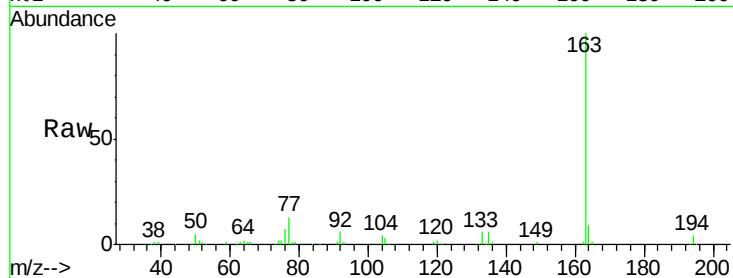
Tgt Ion:163 Resp: 197925

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

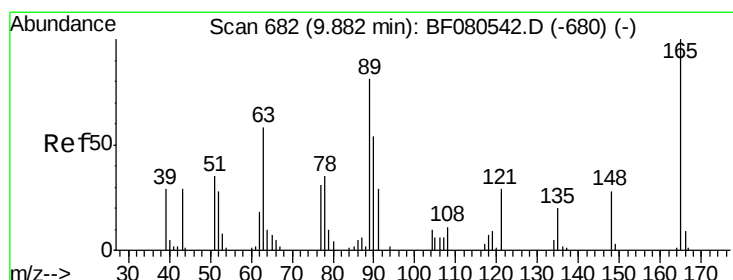
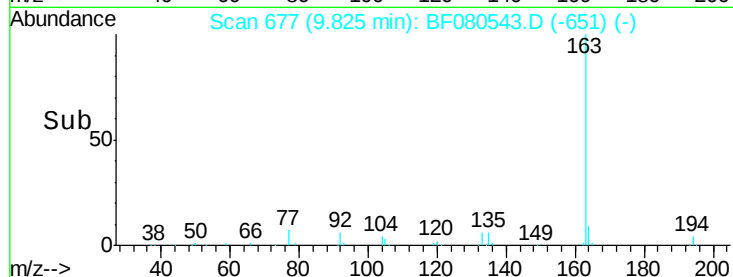
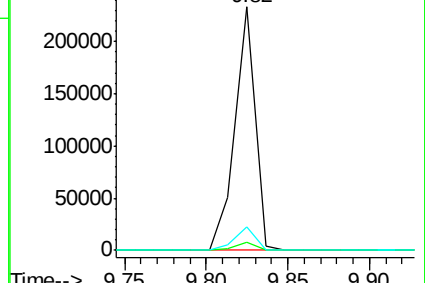
164 9.5 7.4 11.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.75 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

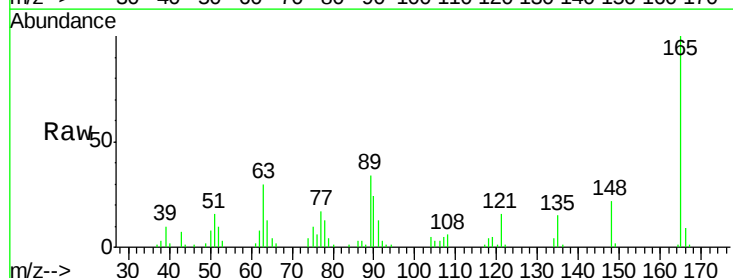
Tgt Ion:165 Resp: 39301

Ion Ratio Lower Upper

165 100

63 30.3 74.5 111.7#

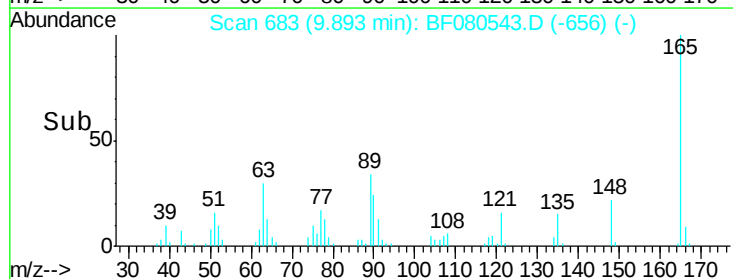
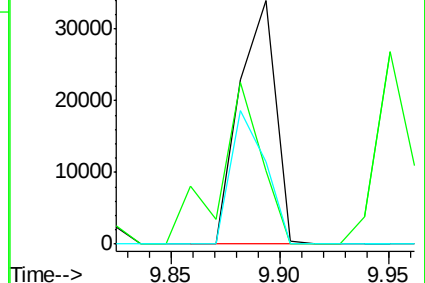
89 33.7 64.6 97.0#

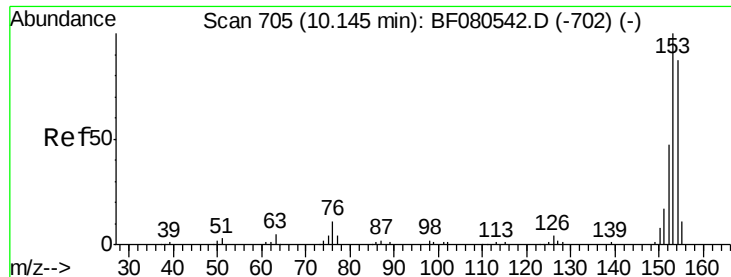


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.97 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

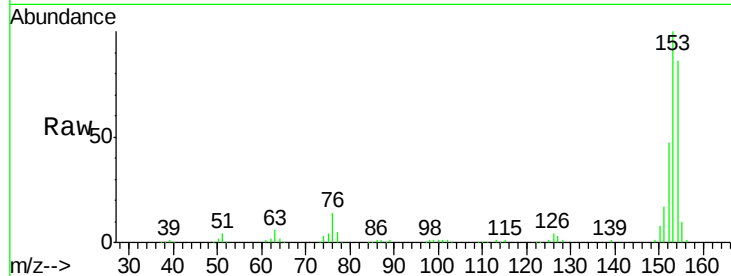
Tgt Ion:154 Resp: 179796

Ion Ratio Lower Upper

154 100

153 116.0 92.3 138.5

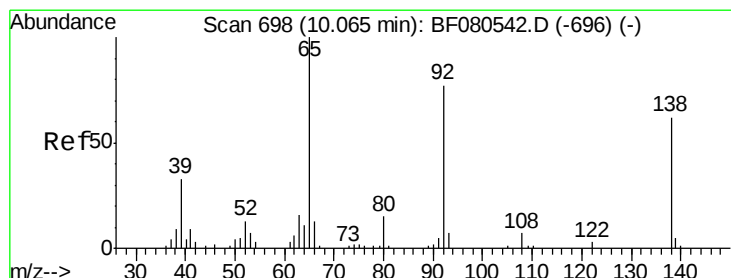
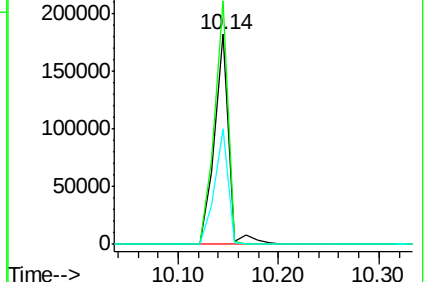
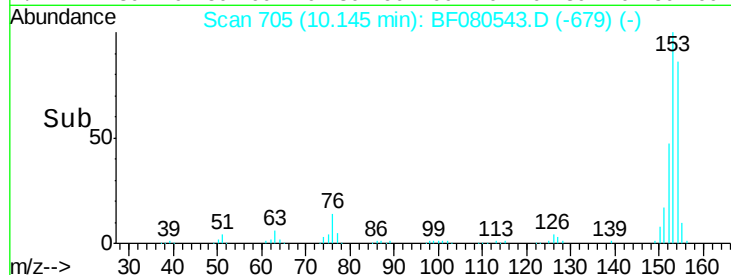
152 55.0 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.09 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

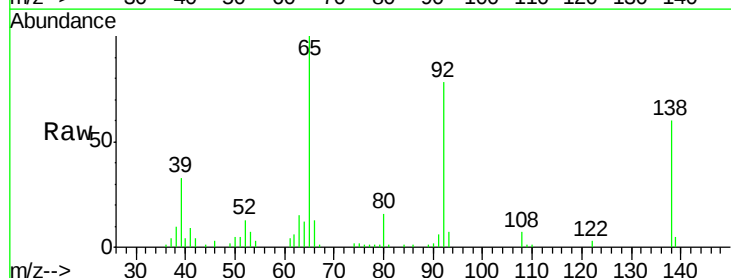
Tgt Ion:138 Resp: 47644

Ion Ratio Lower Upper

138 100

108 11.7 8.6 12.8

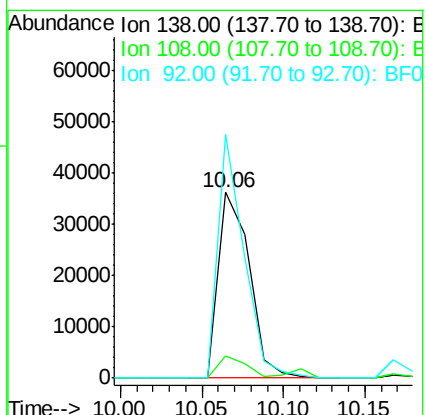
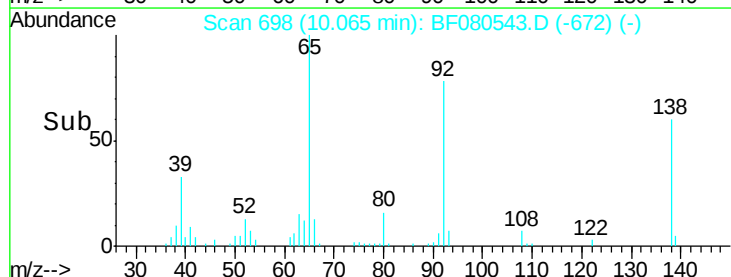
92 131.3 99.7 149.5

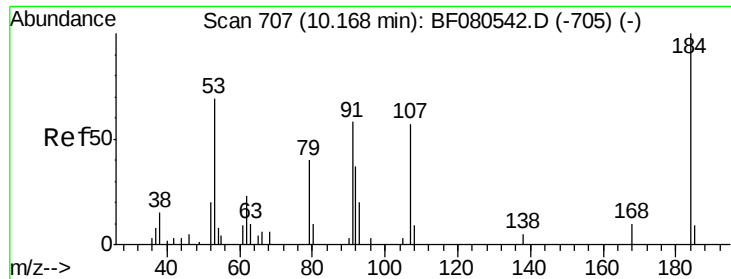


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

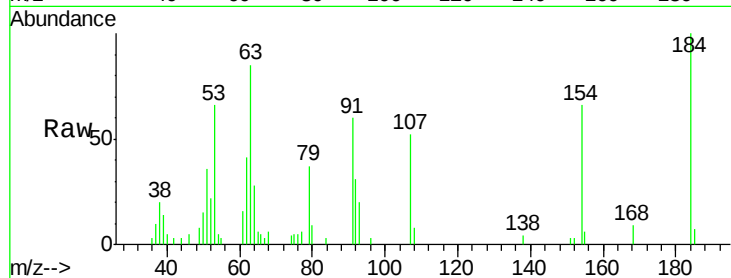




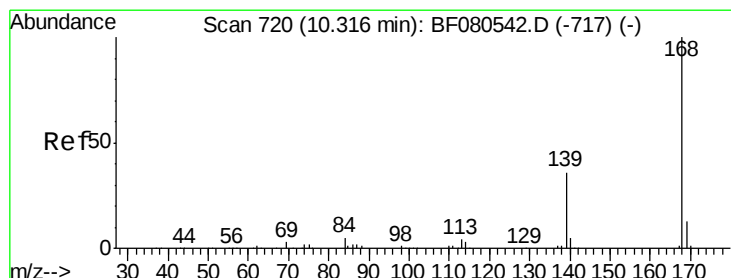
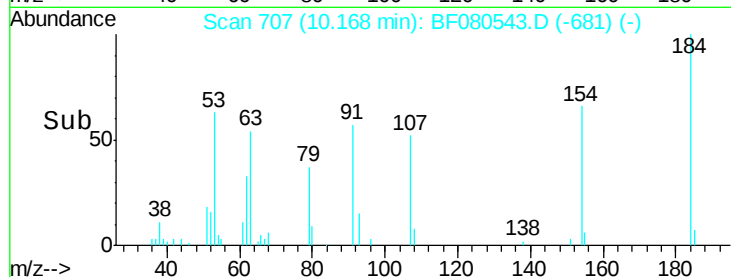
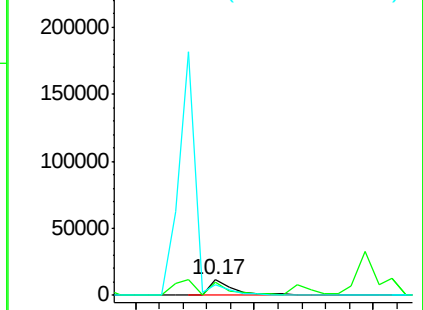
#53
2,4-Dinitrophenol
Concen: 40.22 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Tgt Ion:184 Resp: 17186
Ion Ratio Lower Upper
184 100
63 84.6 74.8 112.2
154 66.0 55.6 83.4

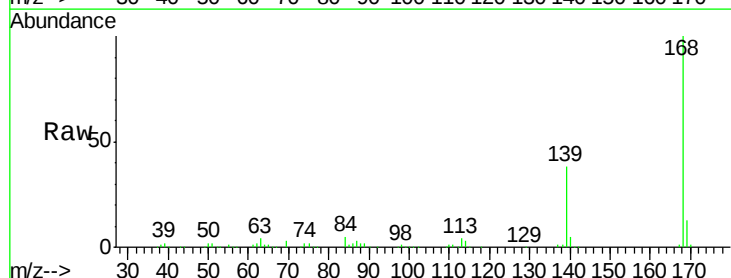


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

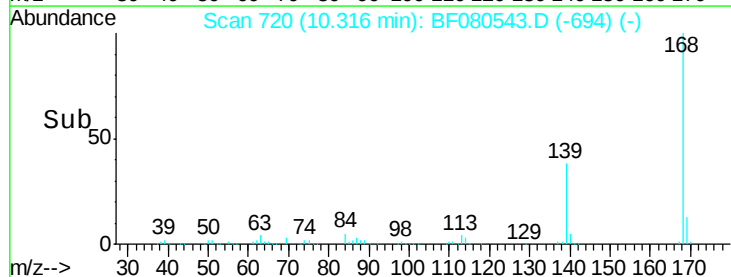
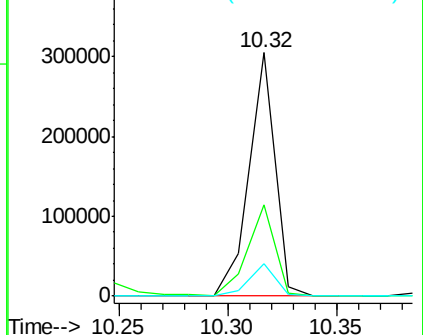


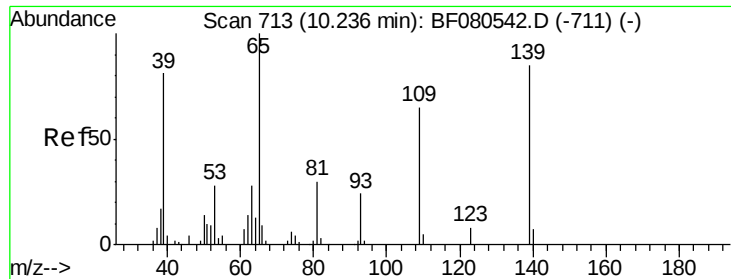
#54
Dibenzofuran
Concen: 40.67 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:168 Resp: 254674
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.4
169 13.2 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

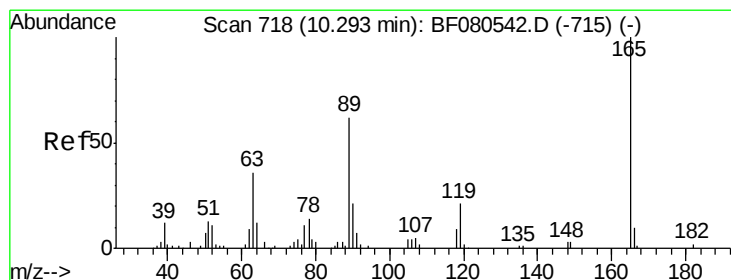
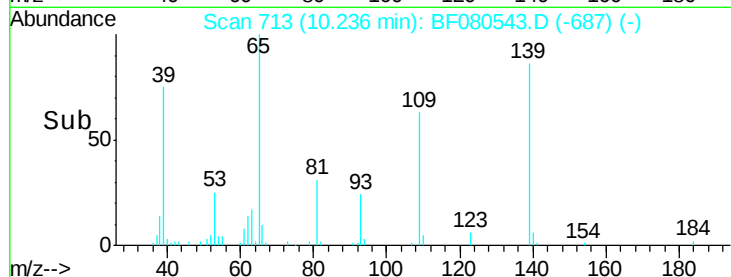
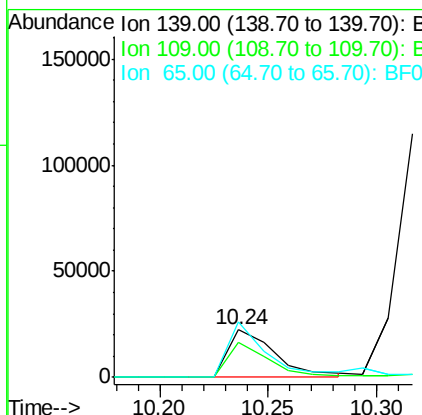
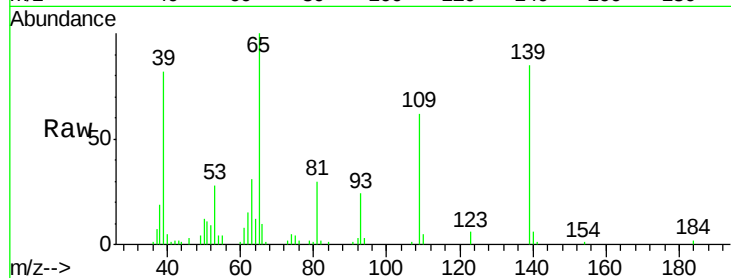




#55
4-Nitrophenol
Concen: 40.04 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

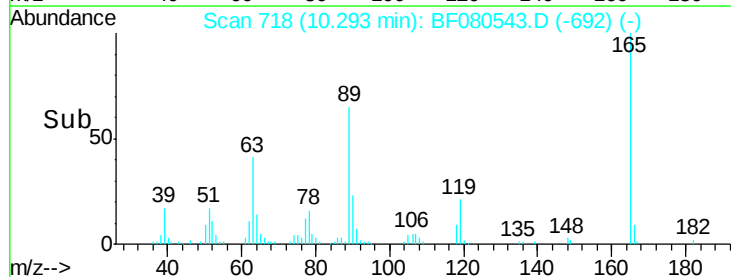
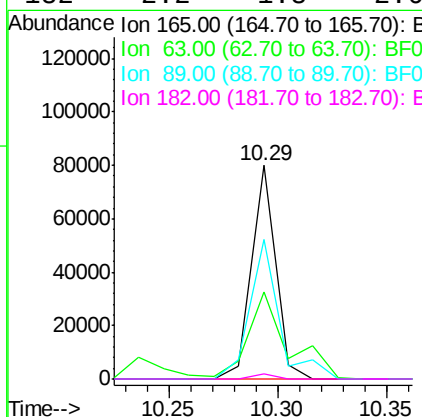
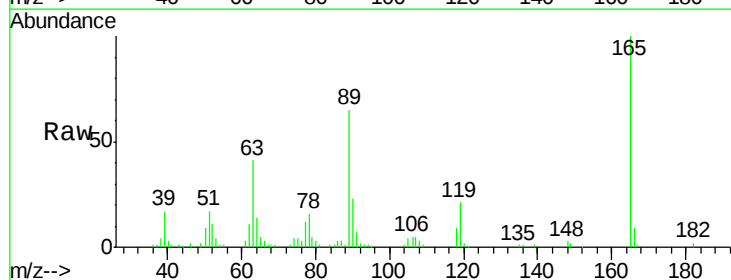
Instrument :
BNA_F
ClientSampleId :
ICVBF071715

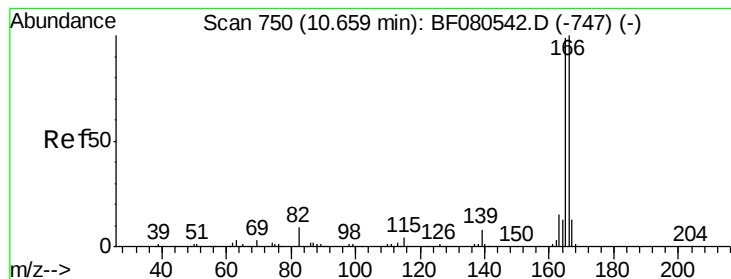
Tgt Ion:139 Resp: 33538
Ion Ratio Lower Upper
139 100
109 73.5 56.0 96.0
65 118.1 97.3 137.3



#56
2,4-Dinitrotoluene
Concen: 42.82 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:165 Resp: 61931
Ion Ratio Lower Upper
165 100
63 41.0 30.2 45.4
89 65.5 49.9 74.9
182 2.2 1.8 2.6





#57

Fluorene

Concen: 40.56 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

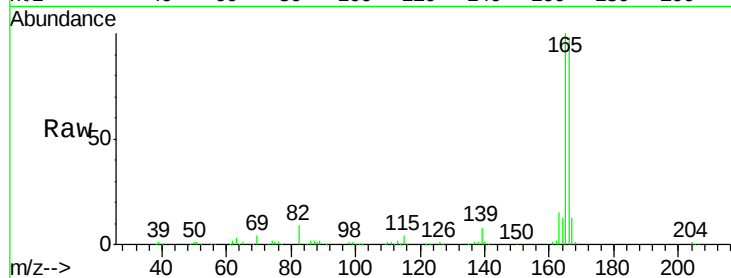
Tgt Ion:166 Resp: 201243

Ion Ratio Lower Upper

166 100

165 102.2 79.0 118.4

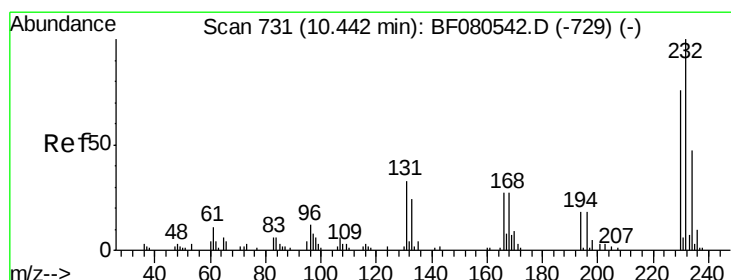
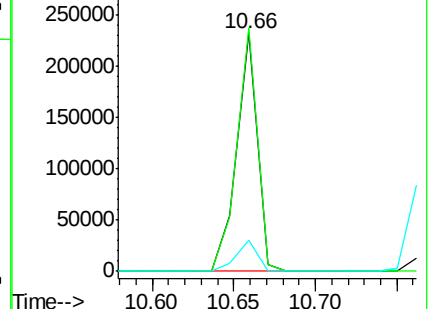
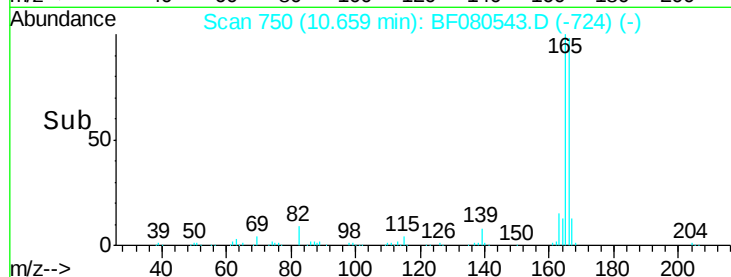
167 12.8 10.1 15.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.53 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Tgt Ion:232 Resp: 42314

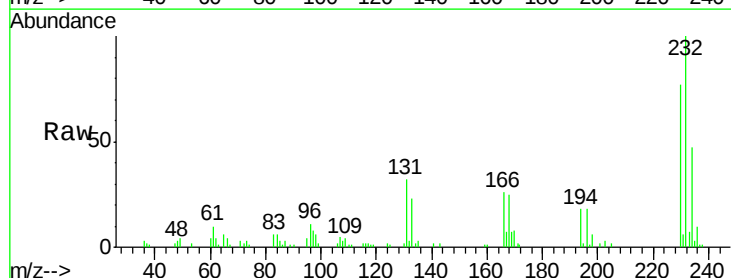
Ion Ratio Lower Upper

232 100

131 48.8 42.7 64.1

130 2.4 1.8 2.6

166 32.0 27.6 41.4

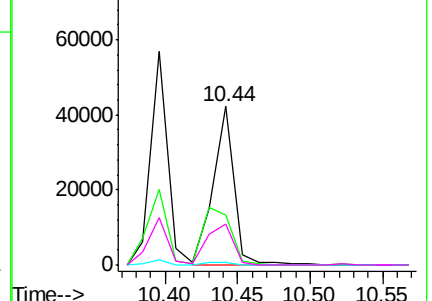
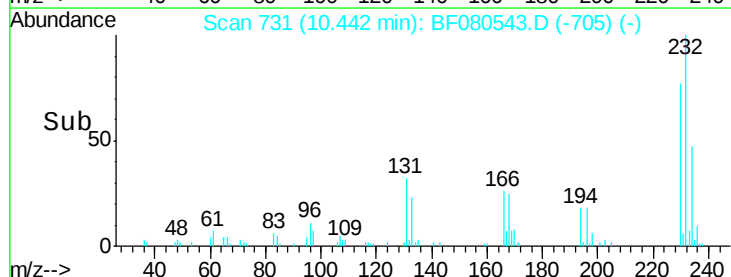


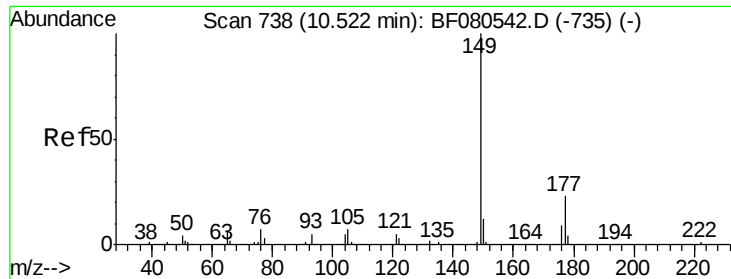
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

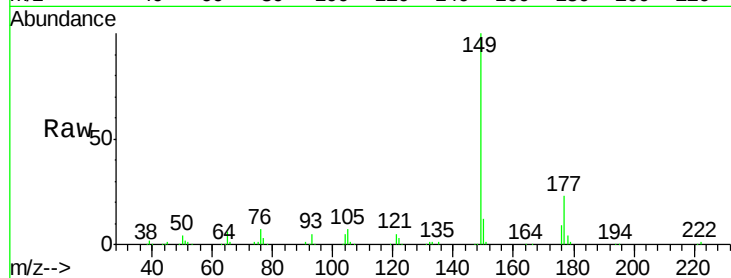




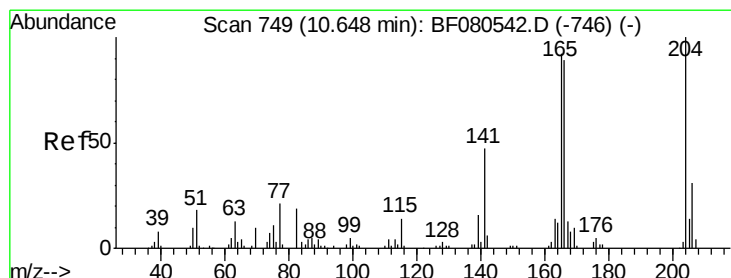
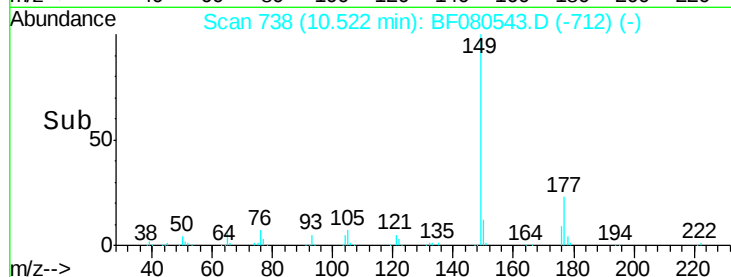
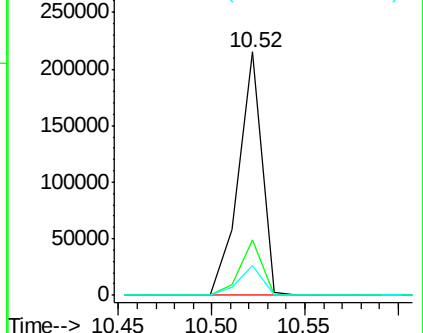
#59
Diethylphthalate
Concen: 41.55 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Tgt Ion:149 Resp: 189888
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.0 9.6 14.4

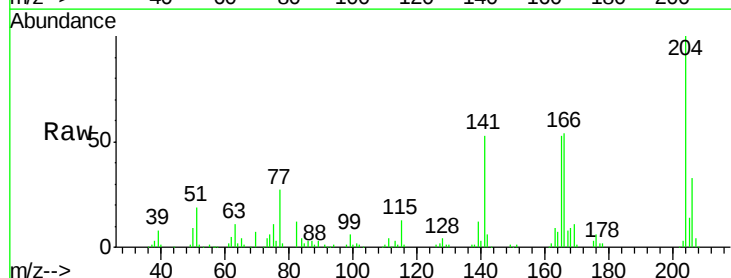


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

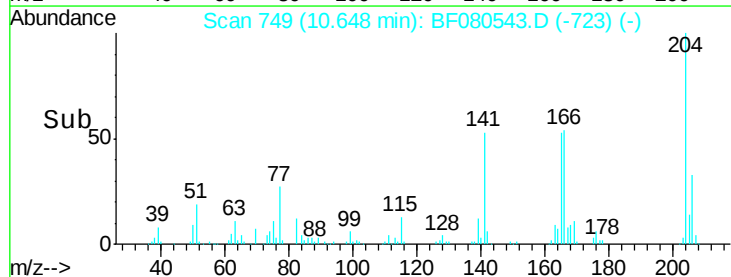
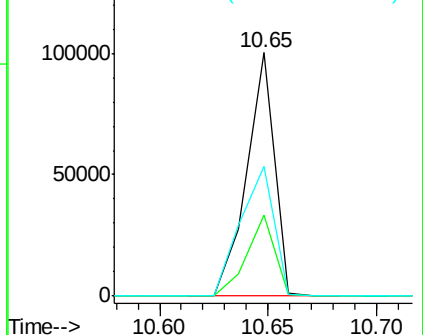


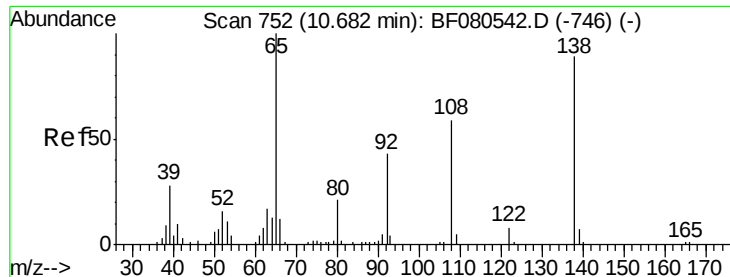
#60
4-Chlorophenyl-phenylether
Concen: 39.85 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:204 Resp: 88560
Ion Ratio Lower Upper
204 100
206 33.3 24.9 37.3
141 53.0 37.9 56.9



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

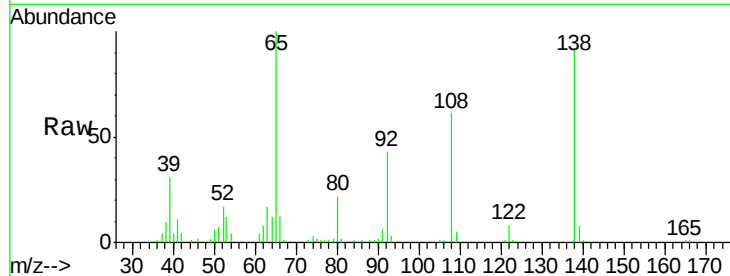




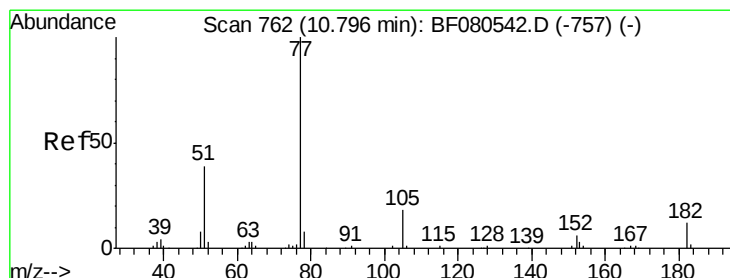
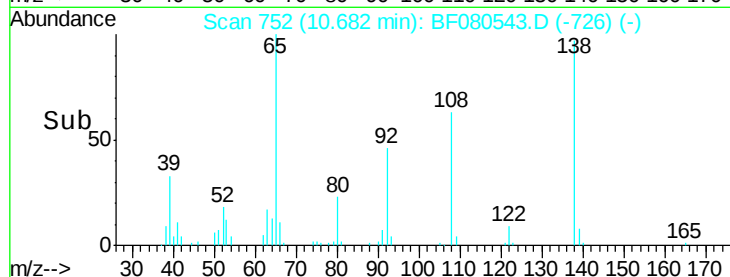
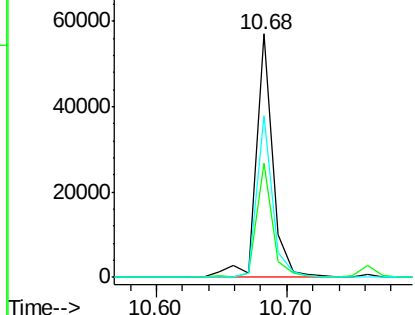
#61
4-Nitroaniline
Concen: 43.60 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Tgt Ion:138 Resp: 50867
Ion Ratio Lower Upper
138 100
92 47.2 28.9 68.9
108 66.4 46.9 86.9

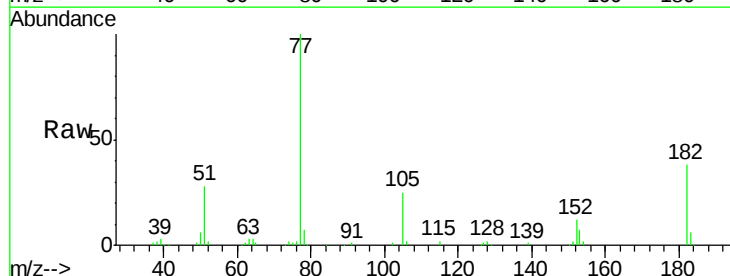


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

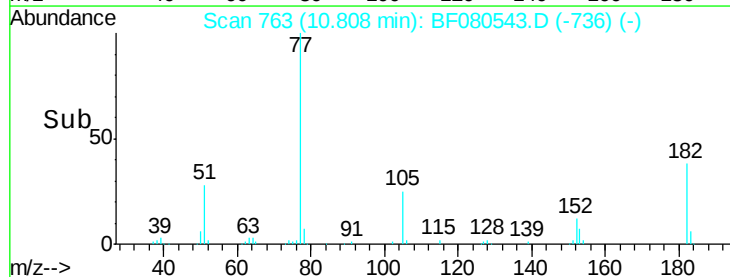
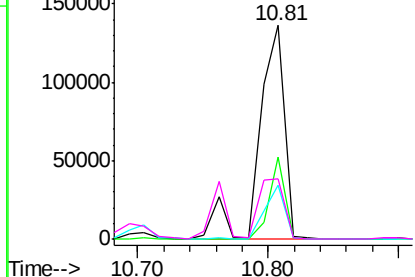


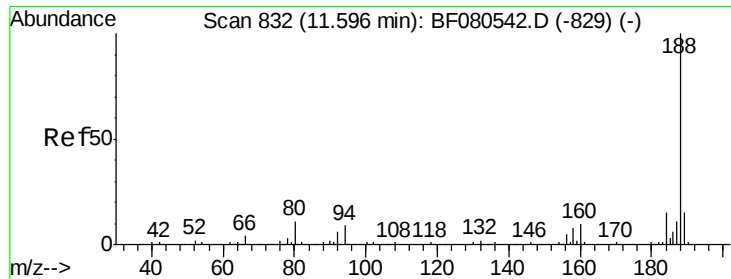
#62
Azobenzene
Concen: 40.10 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 77 Resp: 184418
Ion Ratio Lower Upper
77 100
182 38.3 0.0 31.9#
105 25.4 0.0 38.0
51 28.4 19.8 59.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

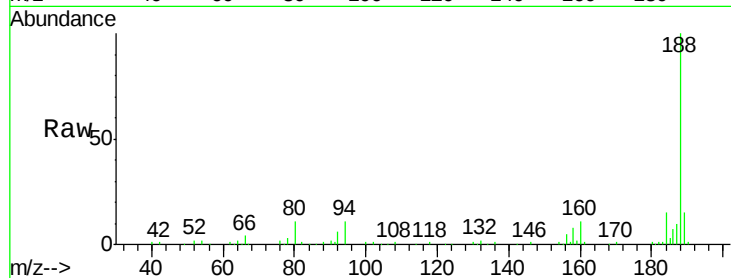




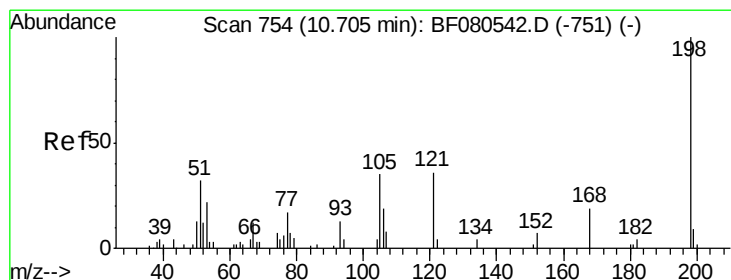
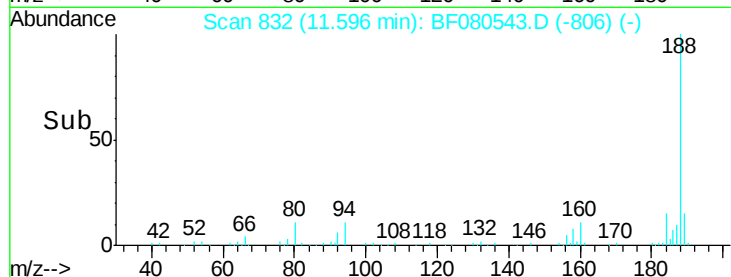
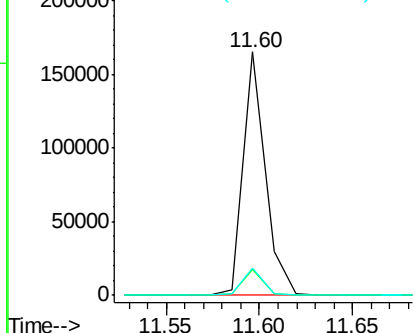
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

Tgt Ion:188 Resp: 137317
 Ion Ratio Lower Upper
 188 100
 94 10.6 7.6 11.4
 80 11.0 8.6 12.8

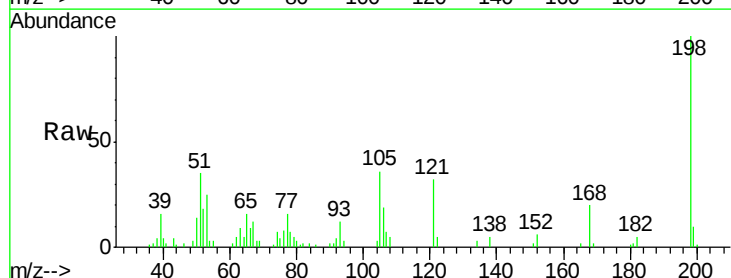


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

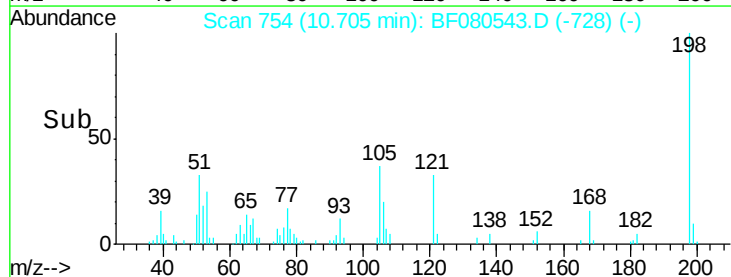
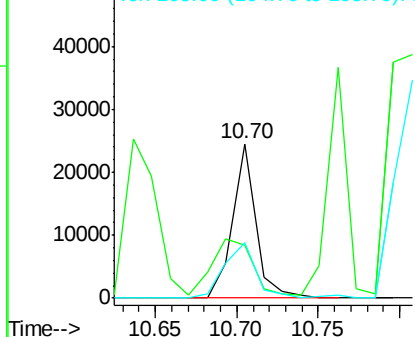


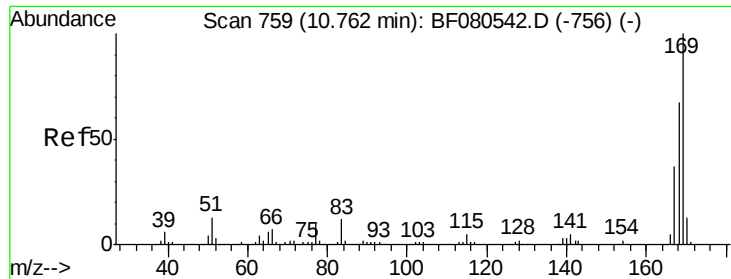
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.83 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:198 Resp: 24047
 Ion Ratio Lower Upper
 198 100
 51 34.5 16.0 56.0
 105 36.0 15.1 55.1



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

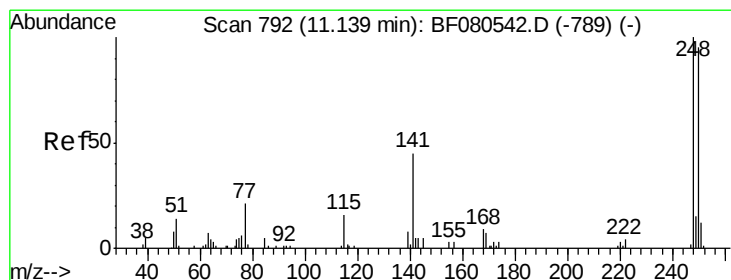
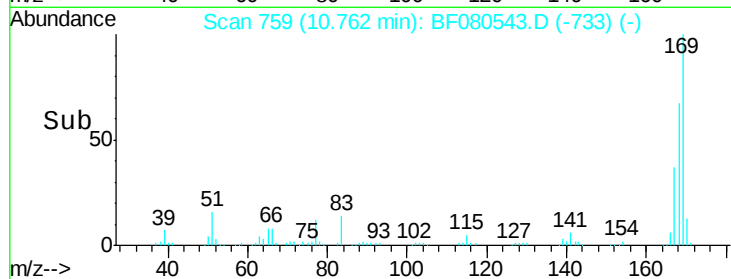
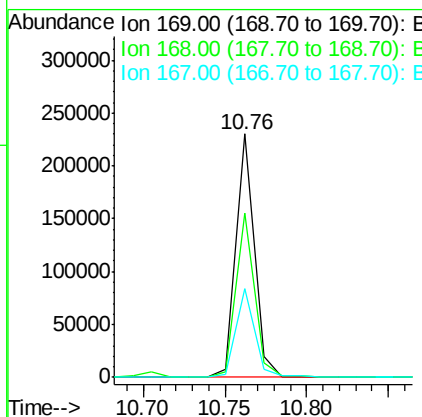
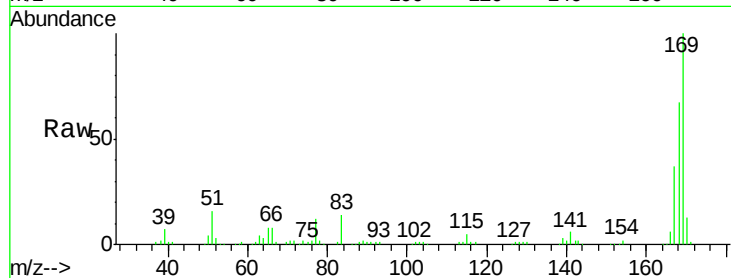




#65
 n-Nitrosodiphenylamine
 Concen: 39.36 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

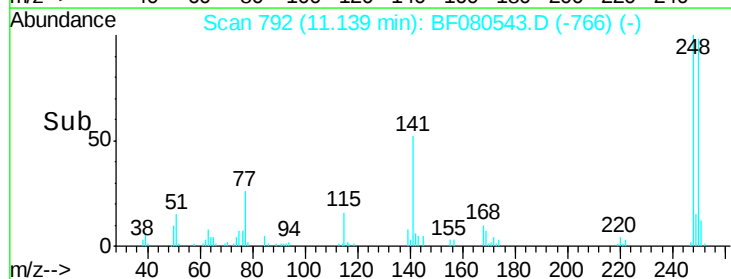
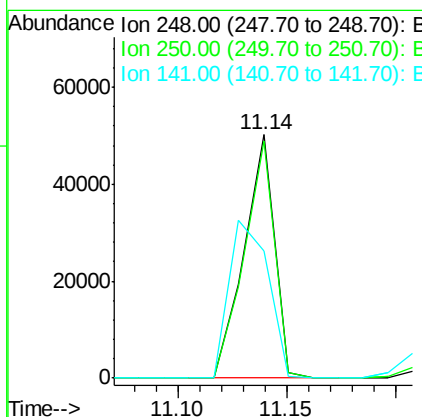
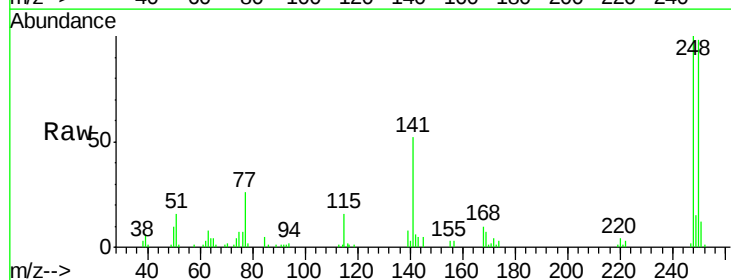
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

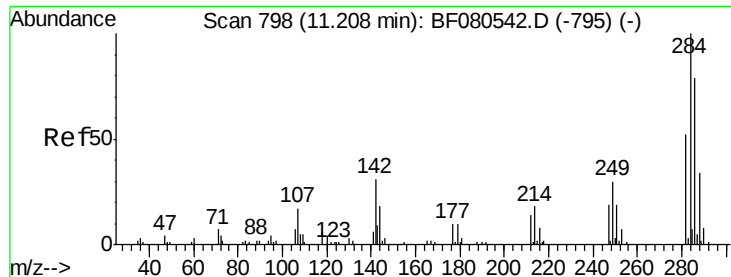
Tgt Ion:169 Resp: 178067
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.3 79.9
 167 36.7 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 38.48 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:248 Resp: 48445
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.4 114.6
 141 52.3 36.0 54.0

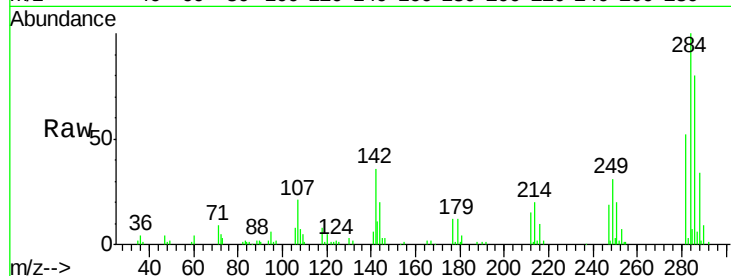




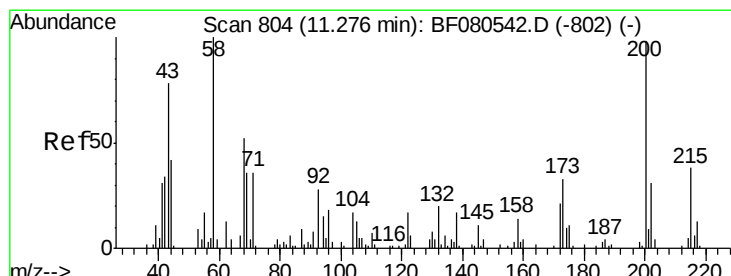
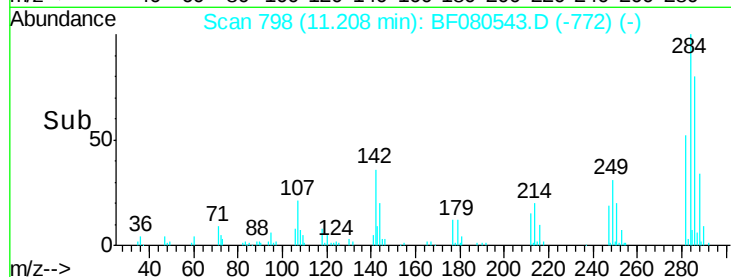
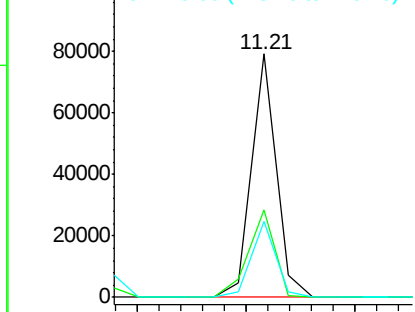
#67
Hexachlorobenzene
Concen: 40.86 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Tgt Ion:284 Resp: 62374
Ion Ratio Lower Upper
284 100
142 36.0 24.8 37.2
249 31.2 24.2 36.2

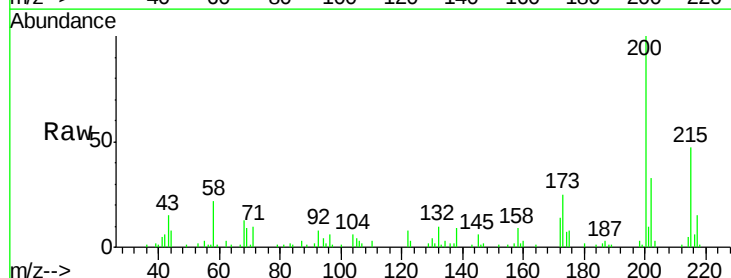


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

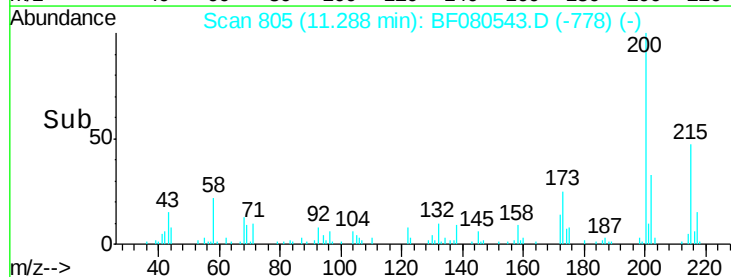
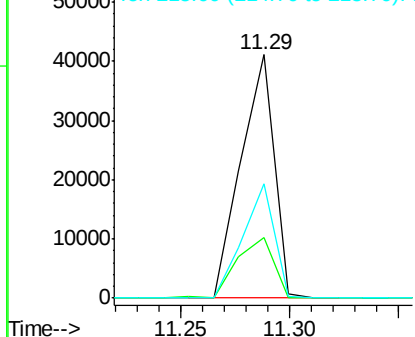


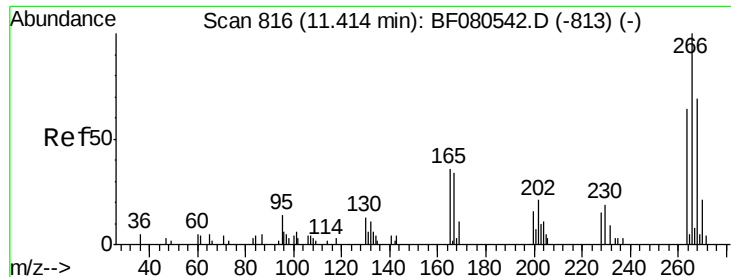
#68
Atrazine
Concen: 40.44 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:200 Resp: 43296
Ion Ratio Lower Upper
200 100
173 25.0 13.2 53.2
215 46.8 18.7 58.7



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

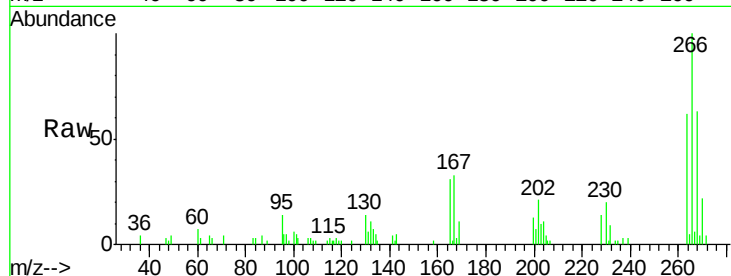




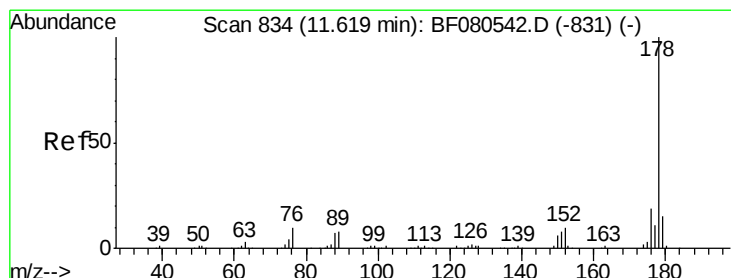
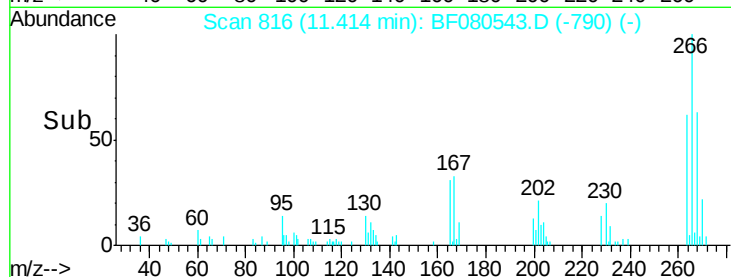
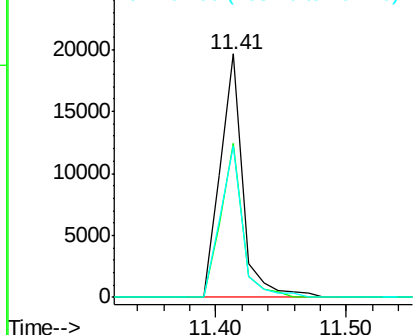
#69
 Pentachlorophenol
 Concen: 41.59 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

Tgt Ion: 266 Resp: 23728
 Ion Ratio Lower Upper
 266 100
 268 63.0 55.0 82.6
 264 62.3 51.4 77.0

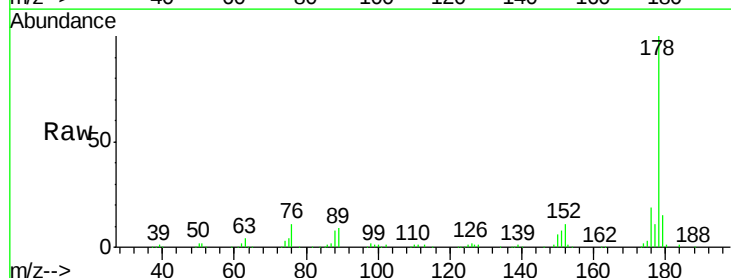


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

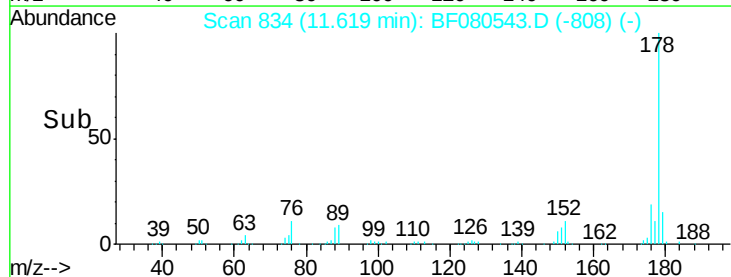
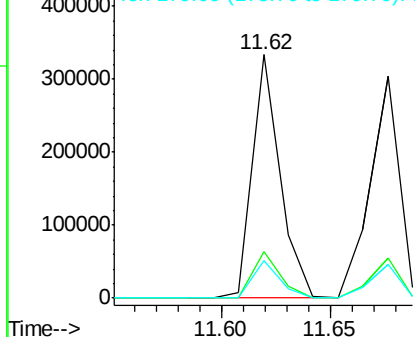


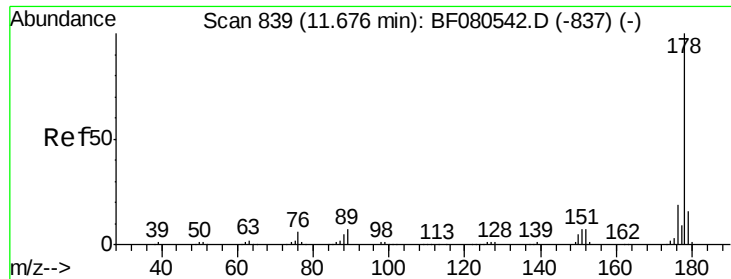
#70
 Phenanthrene
 Concen: 39.47 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion: 178 Resp: 295286
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 15.2 12.0 18.0



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

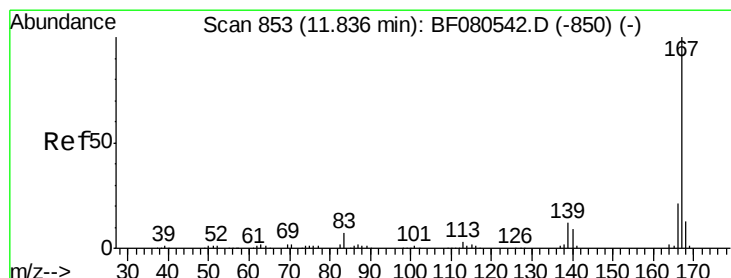
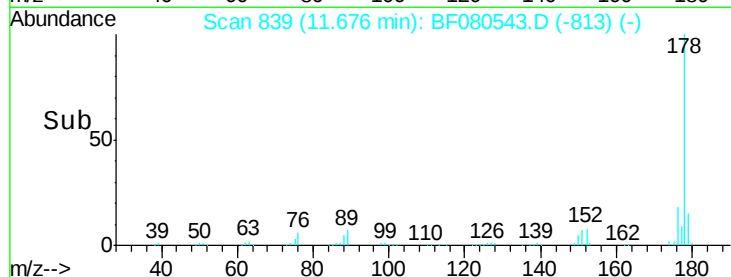
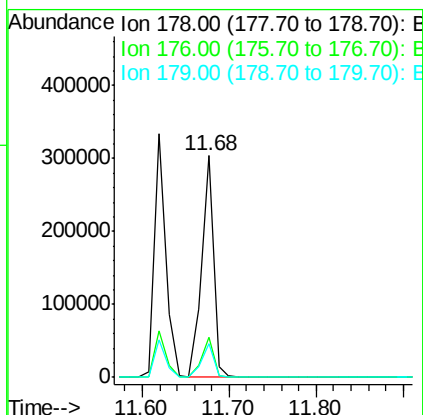
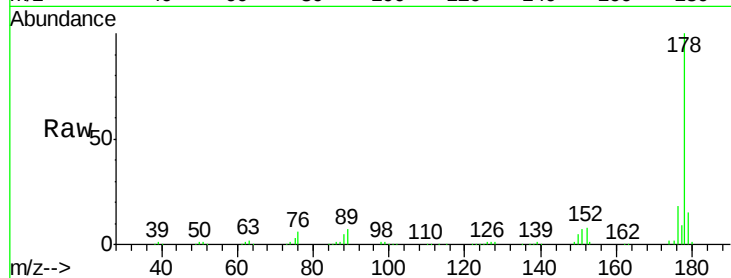




#71
 Anthracene
 Concen: 39.50 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

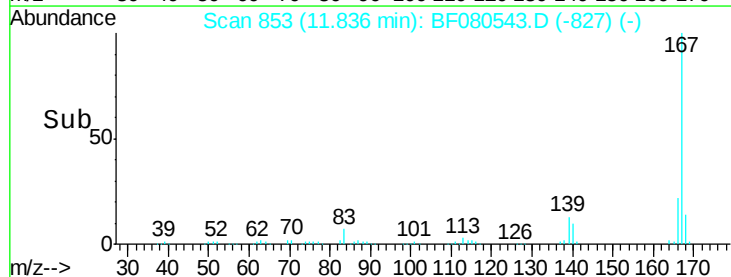
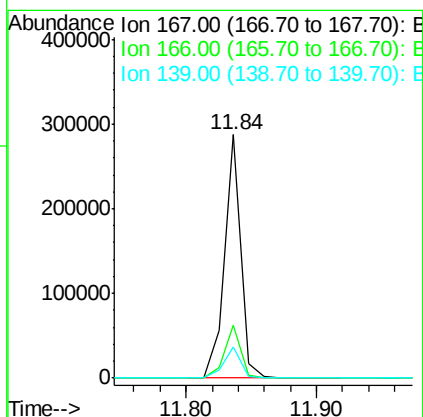
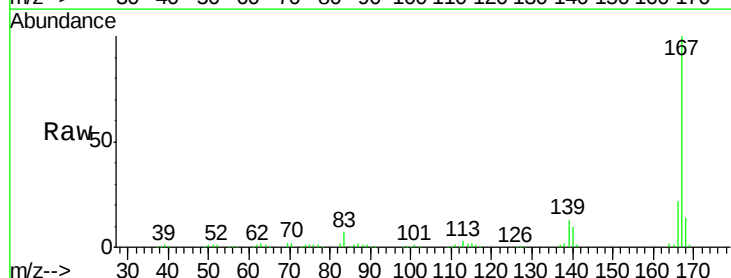
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

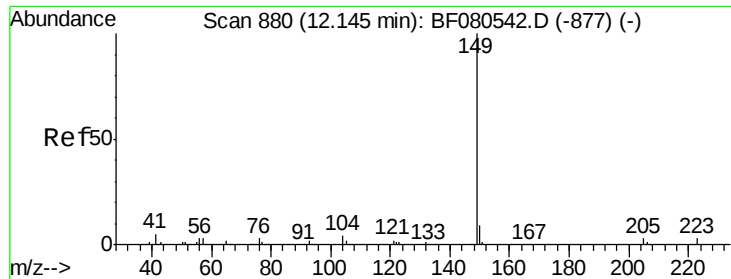
Tgt Ion:178 Resp: 287053
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.0 12.4 18.6



#72
 Carbazole
 Concen: 38.41 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:167 Resp: 250026
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 12.8 9.8 14.8





#73

Di-n-butylphthalate

Concen: 44.65 ng

RT: 12.15 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

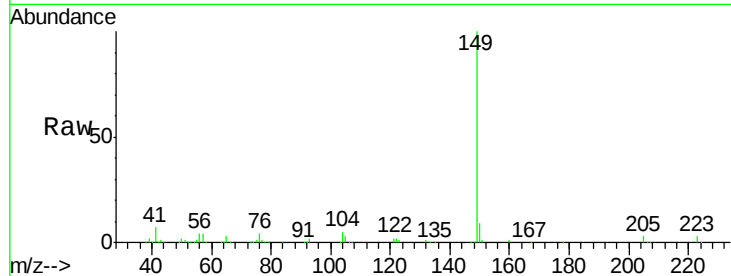
Tgt Ion:149 Resp: 305023

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

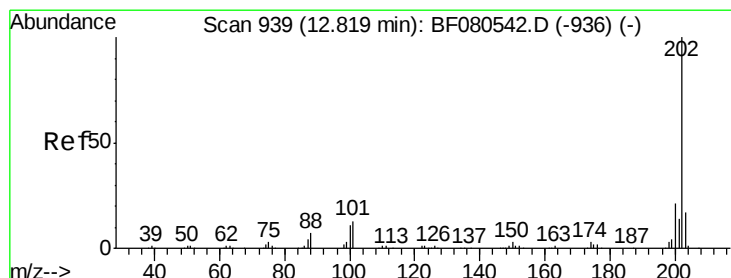
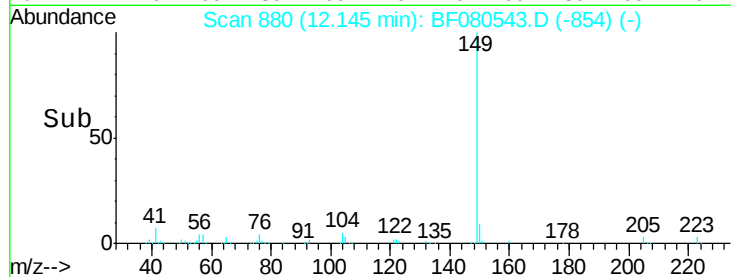
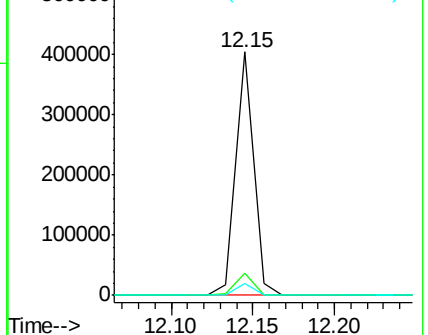
104 4.7 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.02 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

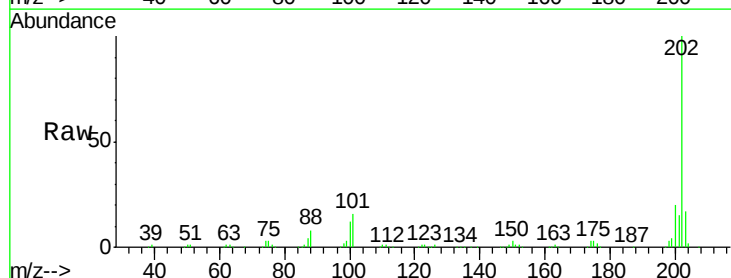
Tgt Ion:202 Resp: 272942

Ion Ratio Lower Upper

202 100

101 16.1 0.0 32.9

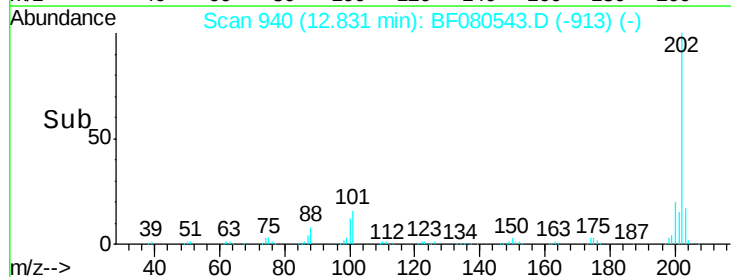
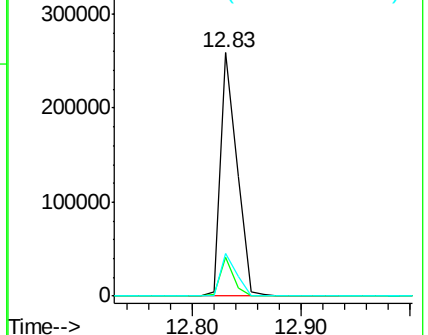
203 17.3 0.0 37.3

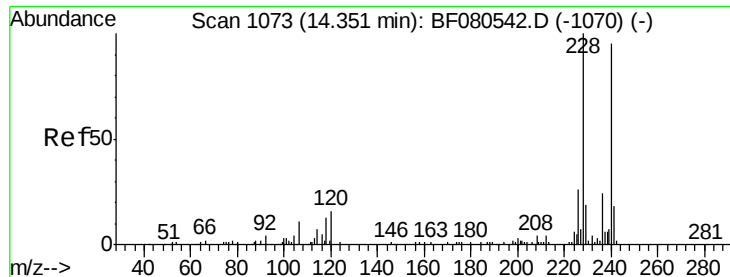


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.41 min Scan# 1078

Delta R.T. 0.06 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

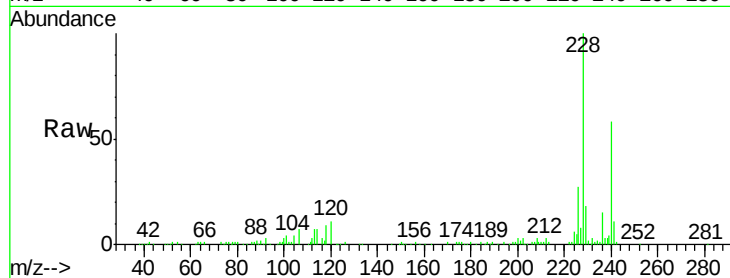
Tgt Ion:240 Resp: 112132

Ion Ratio Lower Upper

240 100

120 18.4 13.6 20.4

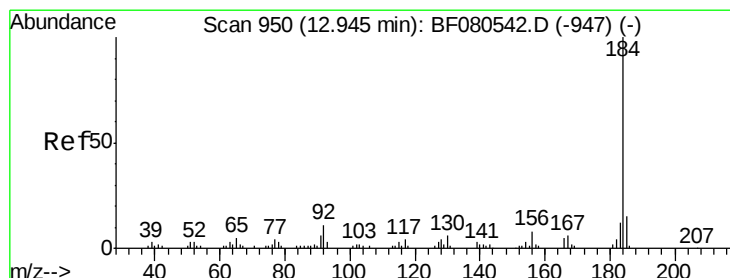
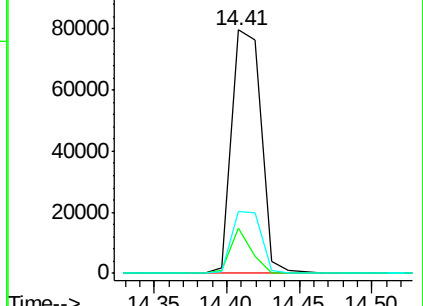
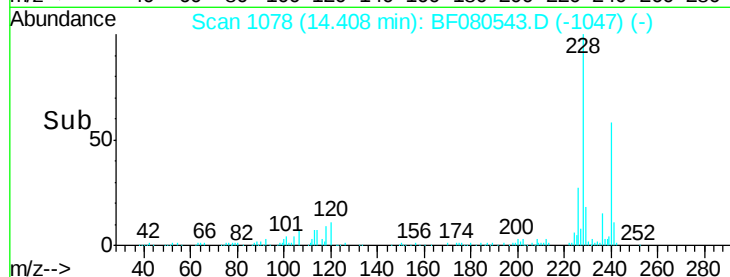
236 25.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.25 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

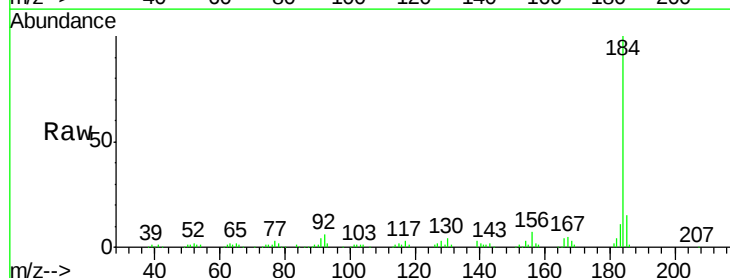
Tgt Ion:184 Resp: 135764

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

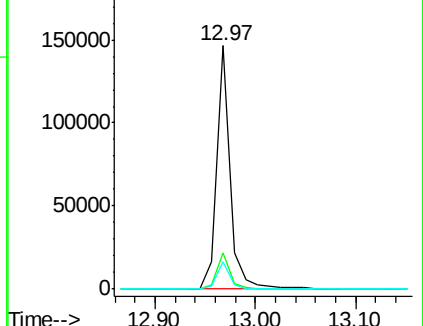
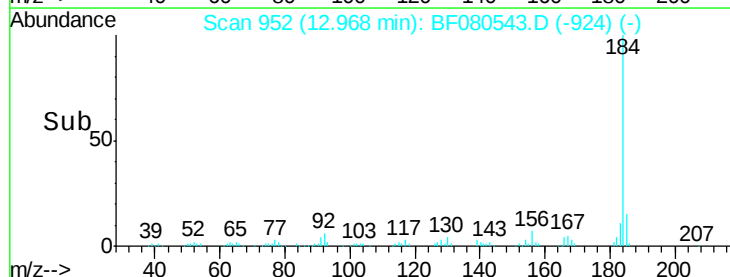
183 11.4 9.3 13.9

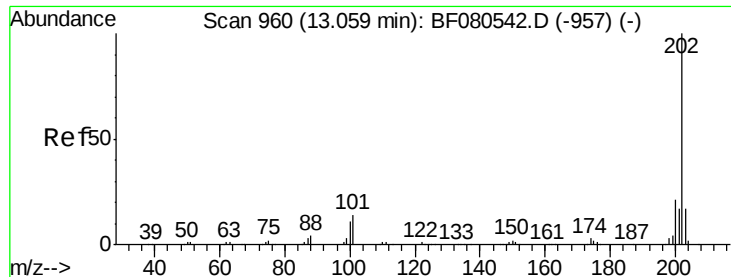


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

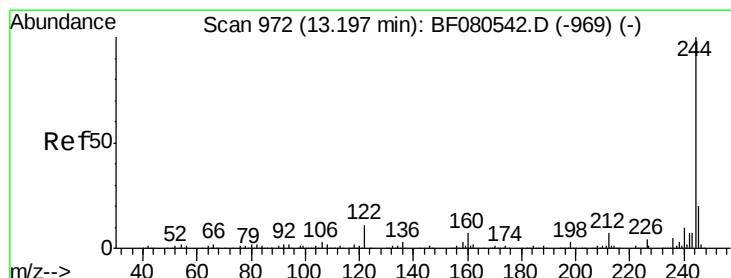
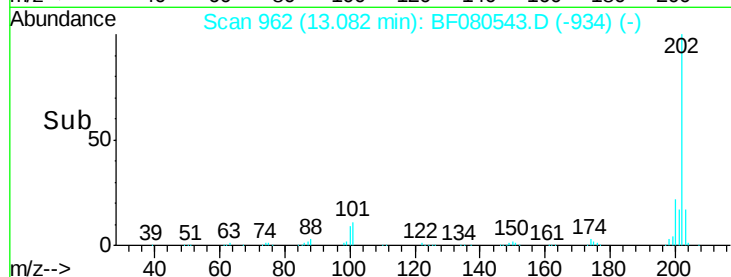
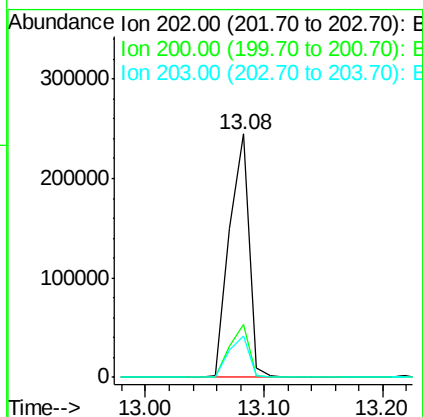
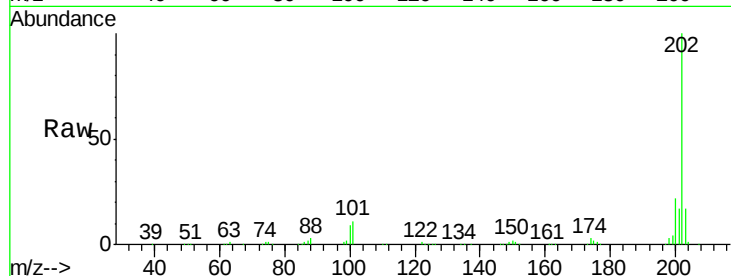




#77
 Pyrene
 Concen: 38.76 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.02 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

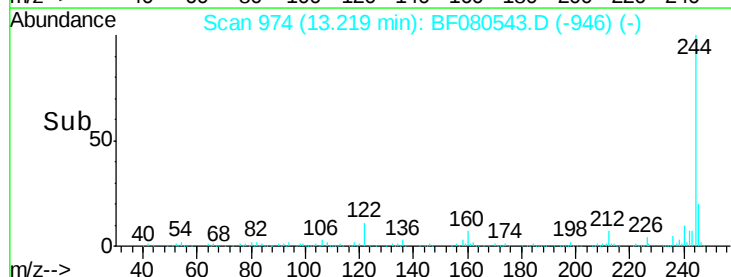
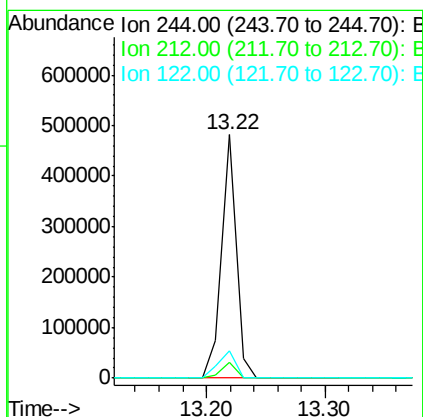
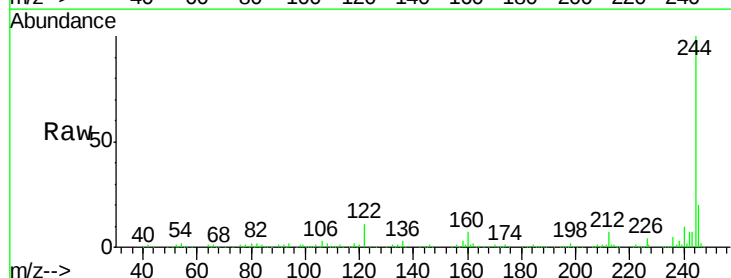
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

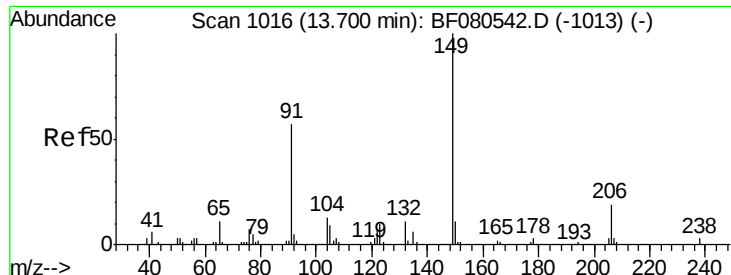
Tgt Ion: 202 Resp: 280496
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.7 25.1
 203 17.2 14.0 21.0



#78
 Terphenyl-d14
 Concen: 81.81 ng
 RT: 13.22 min Scan# 974
 Delta R.T. 0.02 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion: 244 Resp: 410796
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.4 9.0 13.4





#79

Butylbenzylphthalate

Concen: 42.37 ng

RT: 13.73 min Scan# 1019

Delta R.T. 0.03 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

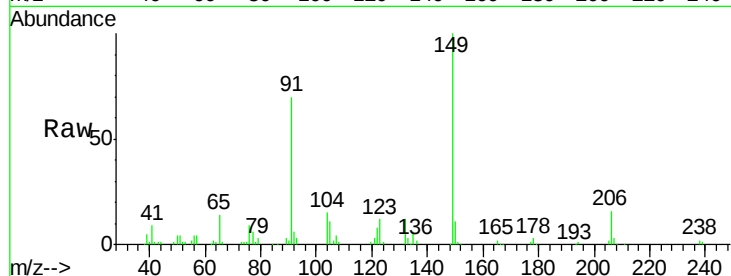
Tgt Ion:149 Resp: 100365

Ion Ratio Lower Upper

149 100

91 69.5 45.6 68.4#

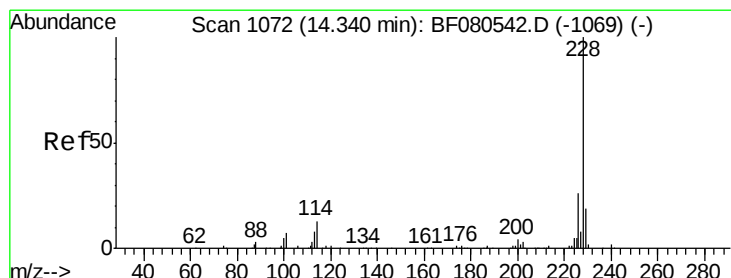
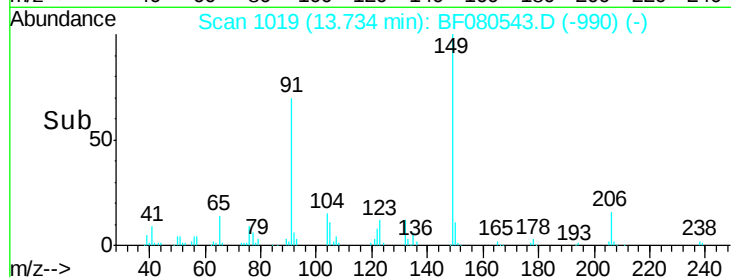
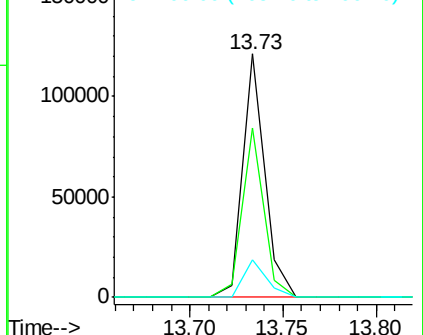
206 15.6 15.1 22.7



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: 41.16 ng

RT: 14.40 min Scan# 1077

Delta R.T. 0.06 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

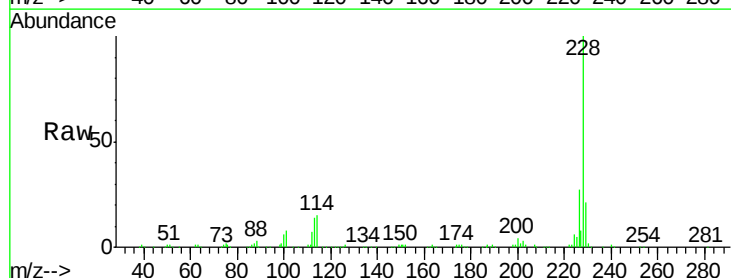
Tgt Ion:228 Resp: 256893

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

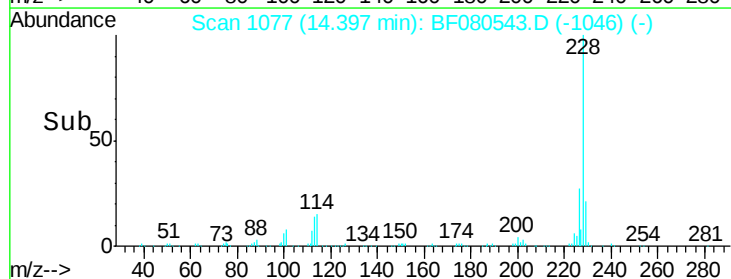
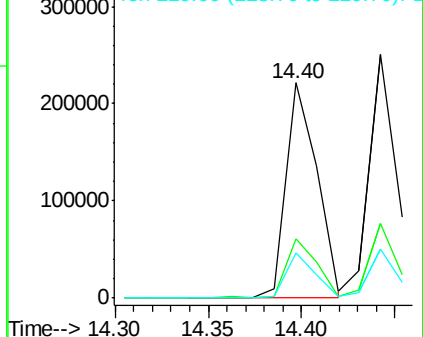
229 20.8 15.5 23.3

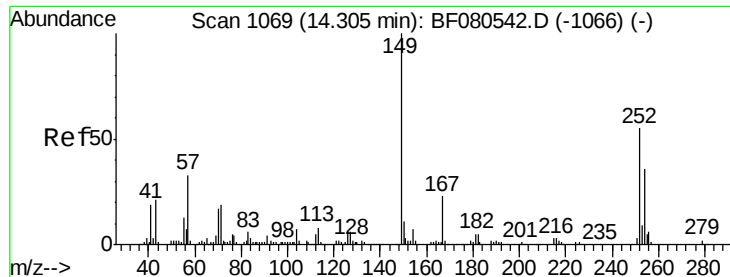


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

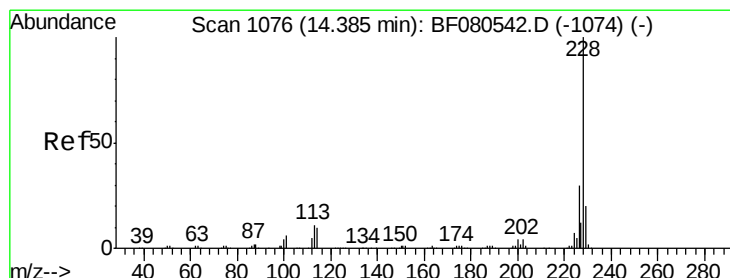
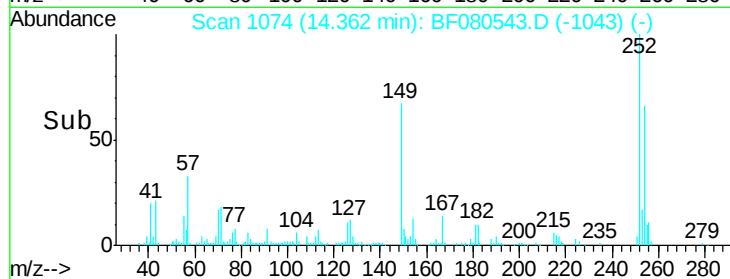
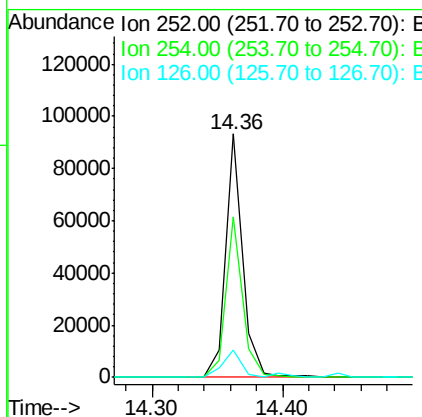
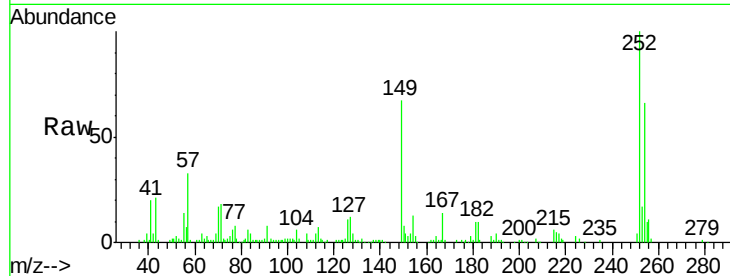




#81
 3,3'-Dichlorobenzidine
 Concen: 43.17 ng
 RT: 14.36 min Scan# 1074
 Delta R.T. 0.06 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

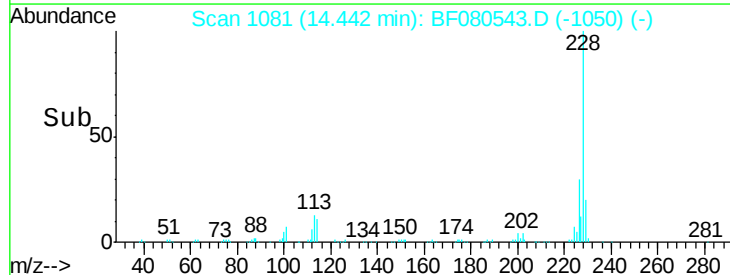
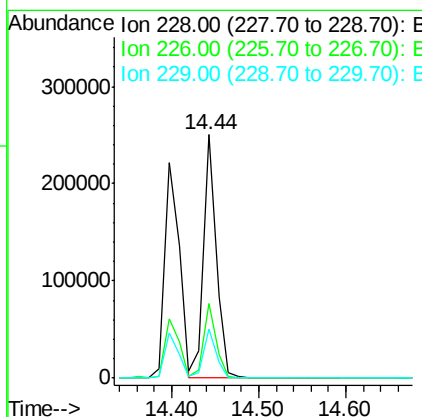
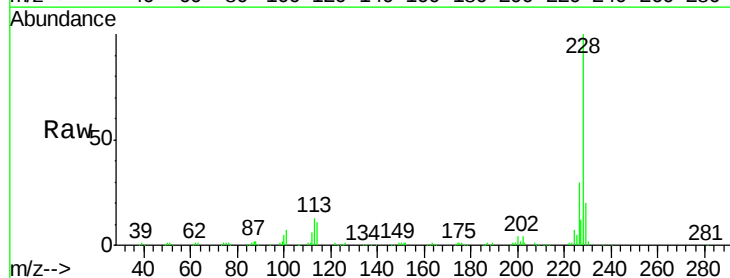
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071715

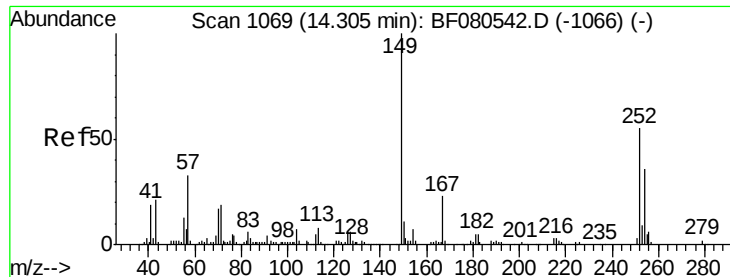
Tgt Ion:252 Resp: 85100
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.6 77.4
 126 11.3 8.9 13.3



#82
 Chrysene
 Concen: 41.01 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. 0.06 min
 Lab File: BF080543.D
 Acq: 17 Jul 2015 19:57

Tgt Ion:228 Resp: 256460
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 20.3 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.45 ng

RT: 14.37 min Scan# 1075

Delta R.T. 0.07 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

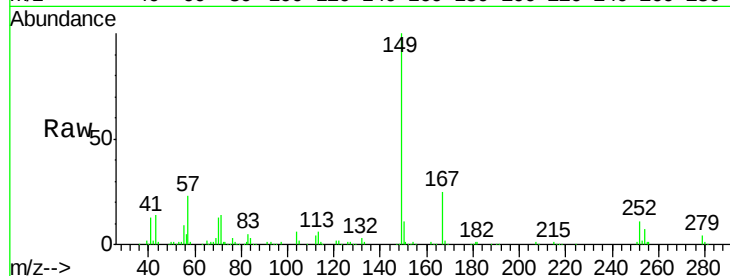
Tgt Ion:149 Resp: 149404

Ion Ratio Lower Upper

149 100

167 25.2 18.6 27.8

279 3.5 1.6 2.4#

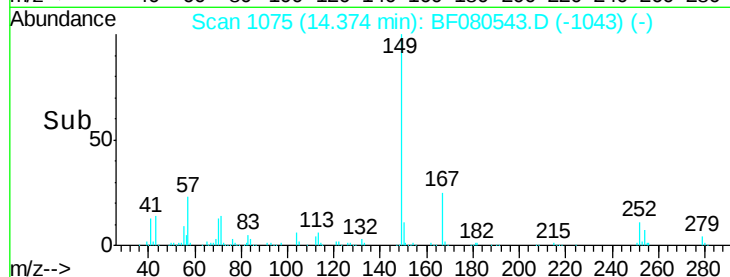


Abundance Ion 149.00 (148.70 to 149.70): E

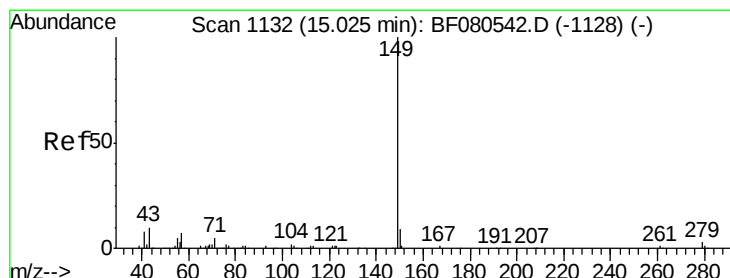
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.37



Time-->



#84

Di-n-octyl phthalate

Concen: 41.81 ng

RT: 15.12 min Scan# 1140

Delta R.T. 0.09 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

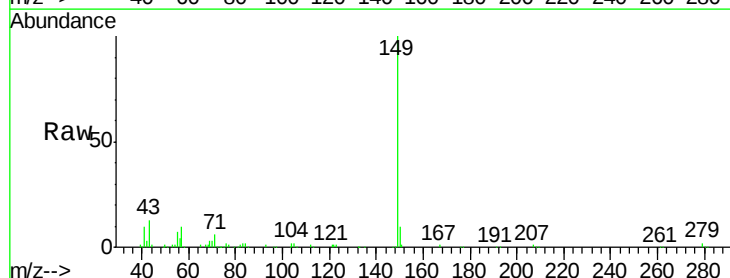
Tgt Ion:149 Resp: 215617

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

43 12.4 10.0 15.0

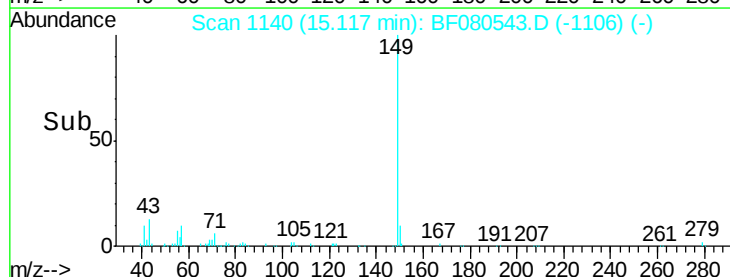


Abundance Ion 149.00 (148.70 to 149.70): E

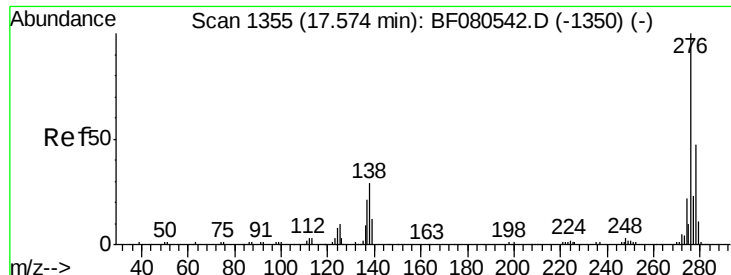
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

15.12



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 37.48 ng

RT: 17.71 min Scan# 1367

Delta R.T. 0.14 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

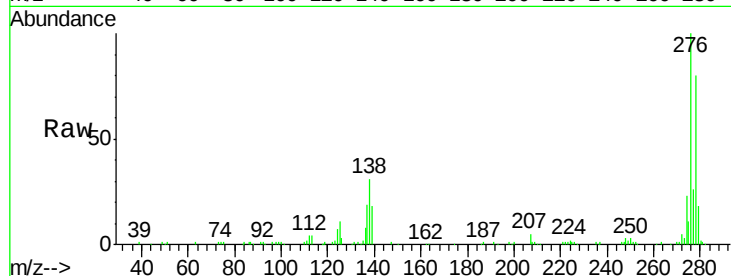
Tgt Ion:276 Resp: 241472

Ion Ratio Lower Upper

276 100

138 31.2 23.9 35.9

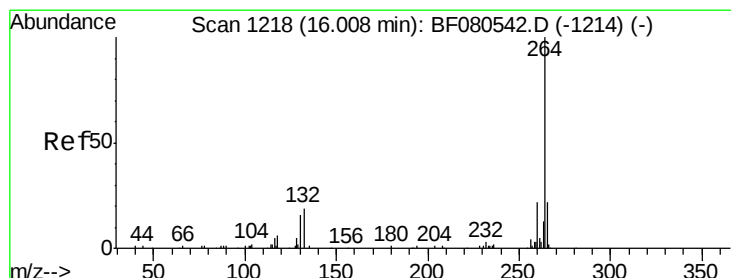
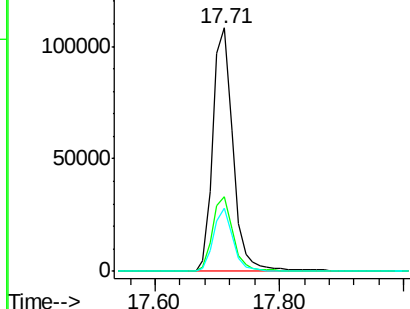
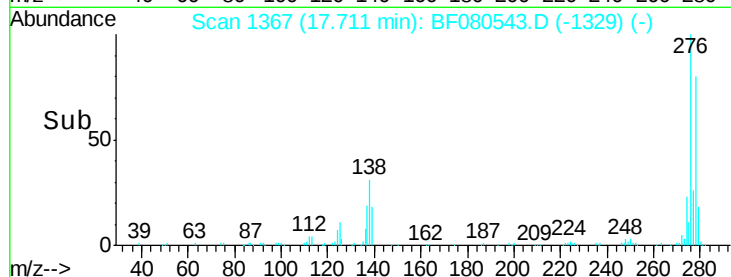
277 25.1 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.12 min Scan# 1228

Delta R.T. 0.11 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

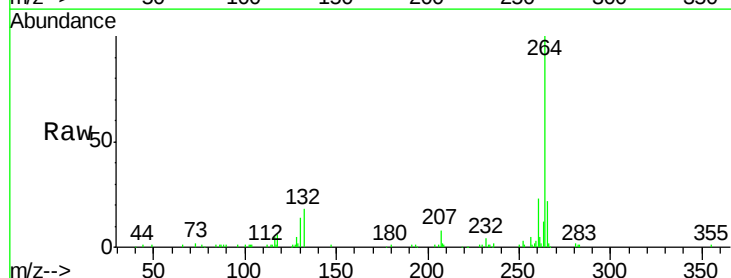
Tgt Ion:264 Resp: 101848

Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.8

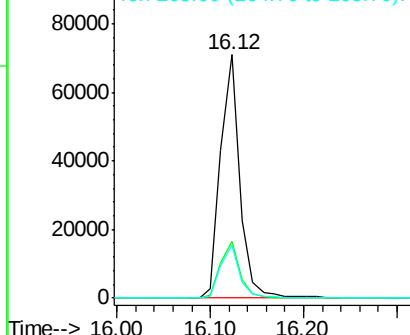
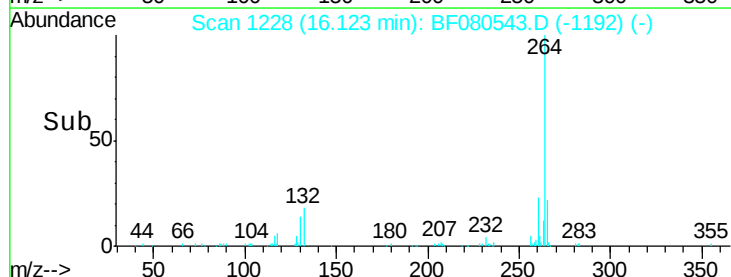
265 21.9 17.2 25.8

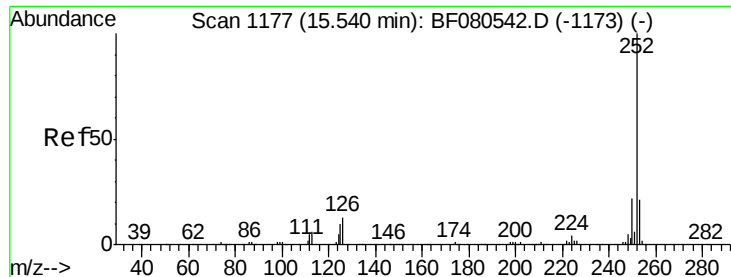


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.67 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.11 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

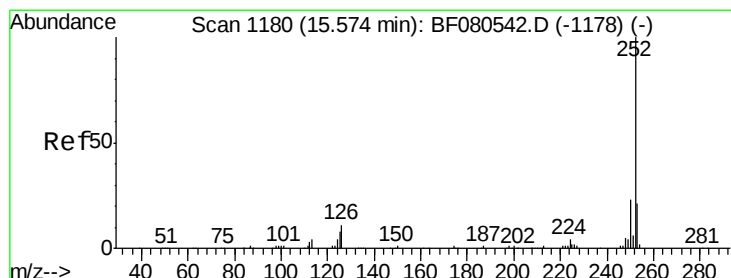
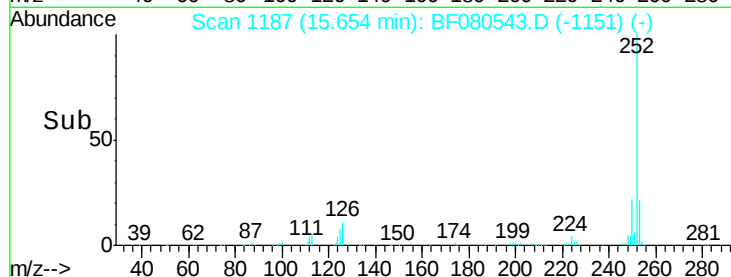
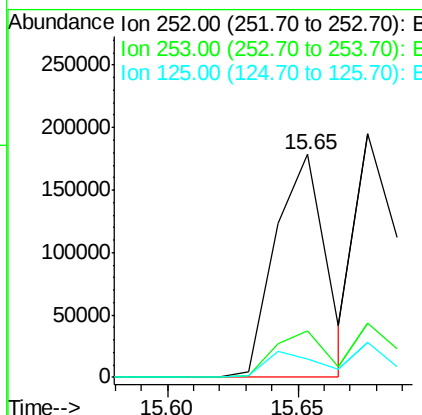
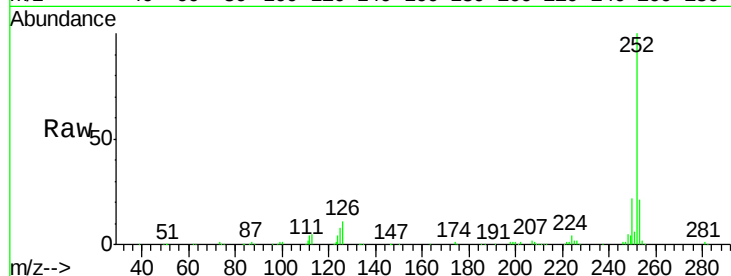
Instrument :

BNA_F

ClientSampleId :

ICVBF071715

Tgt Ion:	252	Resp:	237833
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.1	25.7
125	8.1	8.1	12.1#



#88

Benzo(k)fluoranthene

Concen: 43.51 ng

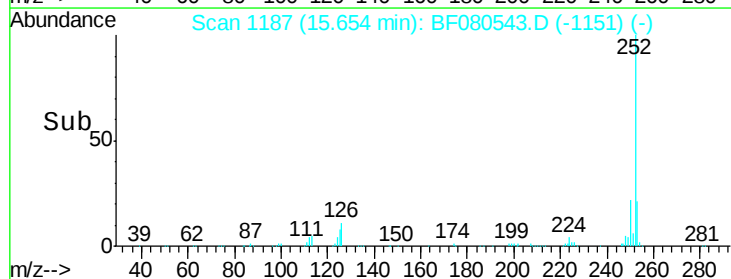
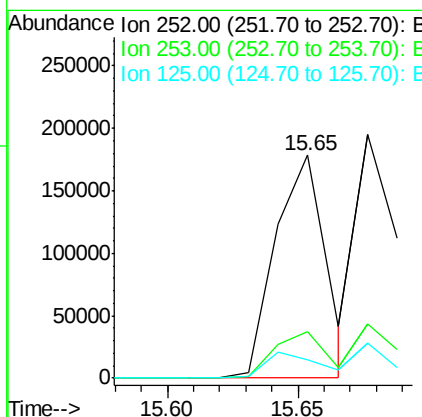
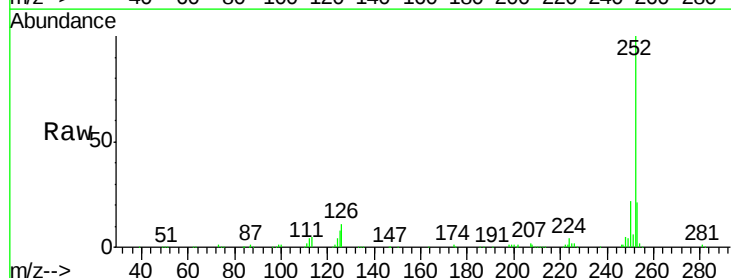
RT: 15.65 min Scan# 1187

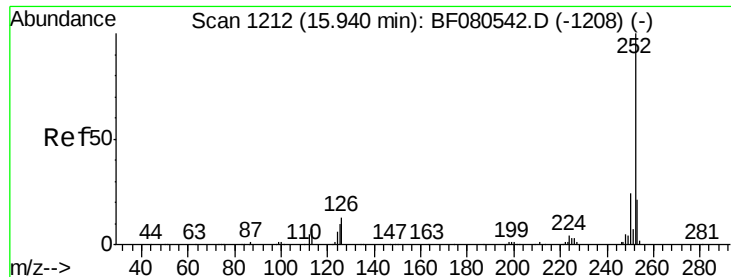
Delta R.T. 0.11 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Tgt Ion:	252	Resp:	237833
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.1	25.7
125	8.1	8.1	12.1#

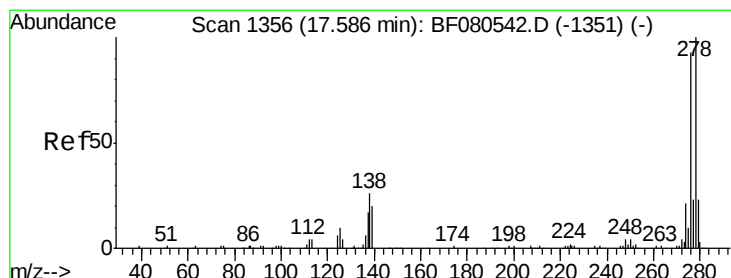
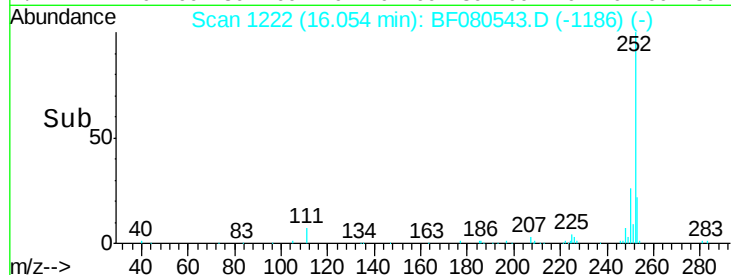
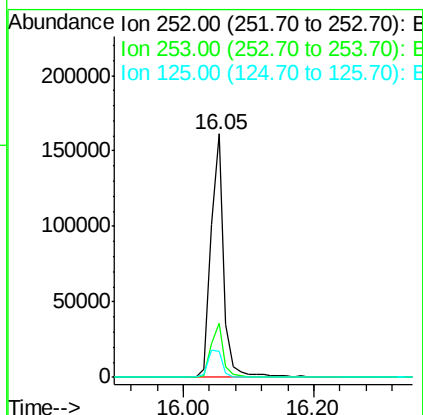
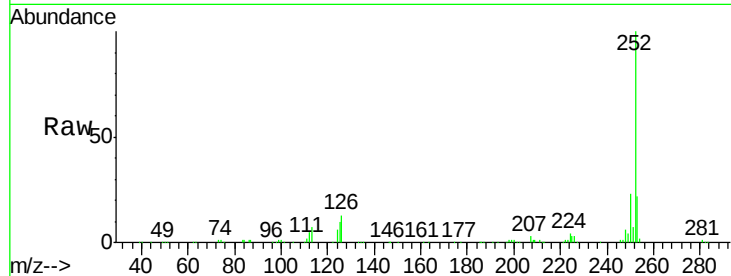




#89
Benzo(a)pyrene
Concen: 41.48 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.11 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

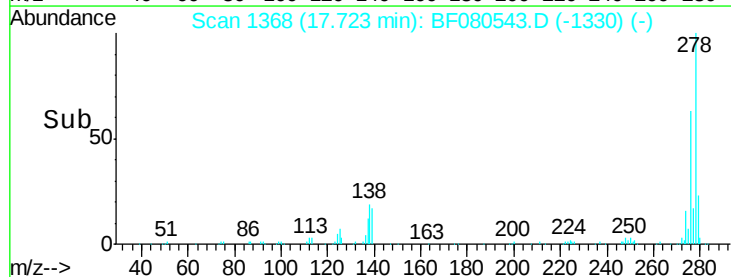
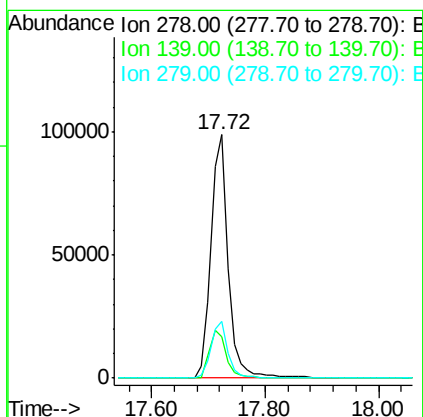
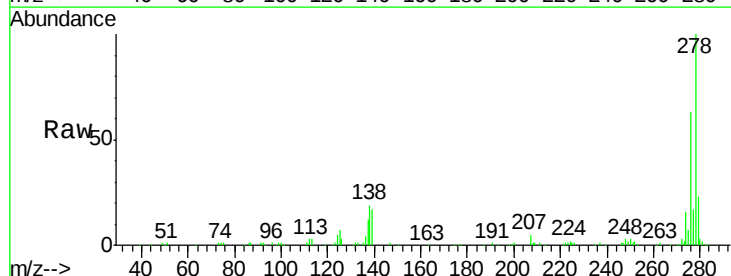
Instrument :
BNA_F
ClientSampleId :
ICVBF071715

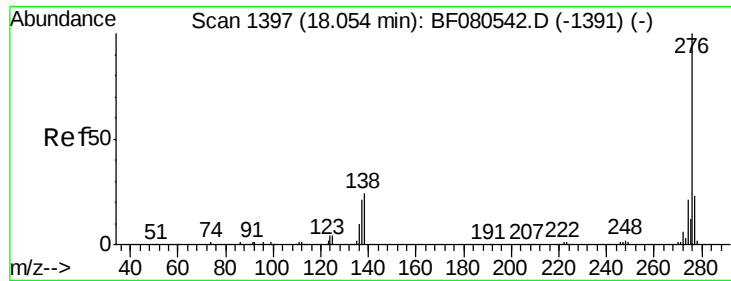
Tgt Ion: 252 Resp: 223155
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.5 8.1 12.1



#90
Dibenzo(a,h)anthracene
Concen: 38.55 ng
RT: 17.72 min Scan# 1368
Delta R.T. 0.14 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 278 Resp: 204209
Ion Ratio Lower Upper
278 100
139 16.8 16.2 24.2
279 23.4 18.6 27.8





#91

Benzo(g,h,i)perylene

Concen: 37.41 ng

RT: 18.18 min Scan# 1408

Delta R.T. 0.13 min

Lab File: BF080543.D

Acq: 17 Jul 2015 19:57

Instrument :

BNA_F

ClientSampleId :

ICVBF071715

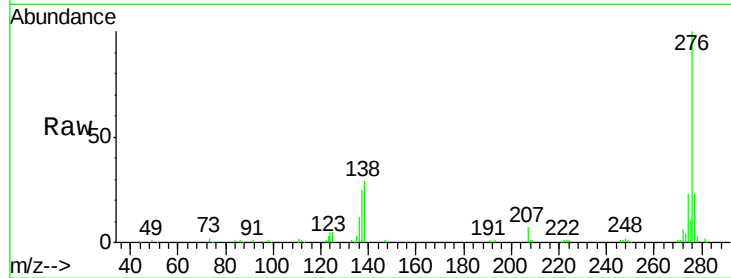
Tgt Ion: 276 Resp: 200062

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 29.1 19.1 28.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

