

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080635.D
 Acq On : 24 Jul 2015 19:52
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Quant Time: Jul 25 04:59:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	48787	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	171834	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	94775	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	165352	20.00	ng	0.00
75) Chrysene-d12	14.19	240	161647	20.00	ng	0.03
86) Perylene-d12	15.80	264	149288	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	240824	83.12	ng	0.00
7) Phenol-d6	6.54	99	296728	85.74	ng	0.00
23) Nitrobenzene-d5	7.49	82	305556	89.31	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	68860	80.87	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	478946	77.97	ng	0.00
78) Terphenyl-d14	13.06	244	559373	74.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	47736	36.70	ng	92
3) Pyridine	3.22	79	145918	47.55	ng	97
4) n-Nitrosodimethylamine	3.14	42	82353	41.18	ng	99
6) Aniline	6.58	93	194375	39.69	ng	96
8) 2-Chlorophenol	6.70	128	131603	41.36	ng	98
9) Benzaldehyde	6.48	77	94504	41.81	ng	93
10) Phenol	6.56	94	187673	44.78	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	132417	42.96	ng	97
12) 1,3-Dichlorobenzene	6.86	146	139157	40.49	ng	97
13) 1,4-Dichlorobenzene	6.94	146	144928	40.72	ng	98
14) 1,2-Dichlorobenzene	7.10	146	144401	41.26	ng	99
15) Benzyl Alcohol	7.06	79	110346	38.38	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	210948	40.29	ng	98
17) 2-Methylphenol	7.17	107	103584	40.93	ng	98
18) Hexachloroethane	7.45	117	59239	42.56	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	94168	37.71	ng	98
20) 3+4-Methylphenols	7.33	107	132367	40.33	ng	# 86
22) Acetophenone	7.33	105	177897	39.87	ng	97
24) Nitrobenzene	7.50	77	136686	40.08	ng	100
25) Isophorone	7.74	82	240971	40.16	ng	98
26) 2-Nitrophenol	7.84	139	53197	42.75	ng	98
27) 2,4-Dimethylphenol	7.86	122	98704	39.59	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	147532	42.42	ng	99
29) 2,4-Dichlorophenol	8.06	162	100146	42.12	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	112473	39.87	ng	98
31) Naphthalene	8.24	128	343028	39.84	ng	99
32) Benzoic acid	7.93	122	54466	38.59	ng	98
33) 4-Chloroaniline	8.28	127	155439	41.10	ng	98
34) Hexachlorobutadiene	8.36	225	79140	40.61	ng	97
35) Caprolactam	8.61	113	27569	40.49	ng	# 51
36) 4-Chloro-3-methylphenol	8.75	107	101357	39.72	ng	95
37) 2-Methylnaphthalene	8.93	142	244957	39.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	106509	38.91	ng	99
40) Hexachlorocyclopentadiene	9.09	237	64158	39.42	ng	100

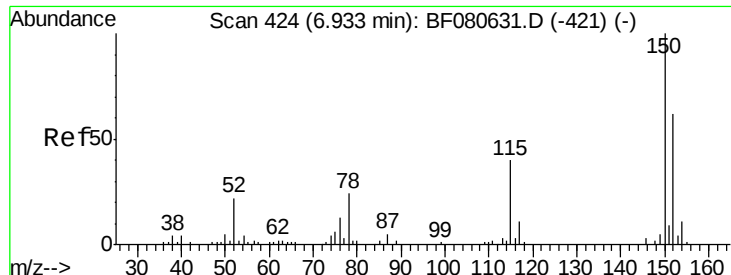
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080635.D
 Acq On : 24 Jul 2015 19:52
 Operator : TP/UM
 Sample : SSTDICV040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	74832	40.07	ng	97
43) 2,4,5-Trichlorophenol	9.24	196	81818	41.83	ng	98
45) 1,1'-Biphenyl	9.39	154	263384	39.77	ng	98
46) 2-Chloronaphthalene	9.41	162	218761	39.50	ng	97
47) 2-Nitroaniline	9.50	65	72620	42.76	ng	95
48) Acenaphthylene	9.84	152	378331	40.37	ng	100
49) Dimethylphthalate	9.69	163	271606	40.07	ng	99
50) 2,6-Dinitrotoluene	9.74	165	50233	41.51	ng	97
51) Acenaphthene	10.01	154	238430	41.89	ng	98
52) 3-Nitroaniline	9.92	138	65518	45.50	ng	96
53) 2,4-Dinitrophenol	10.02	184	21616	41.77	ng	91
54) Dibenzofuran	10.18	168	326257	40.17	ng	99
55) 4-Nitrophenol	10.06	139	47022	41.37	ng	96
56) 2,4-Dinitrotoluene	10.14	165	65144	40.72	ng	98
57) Fluorene	10.52	166	263549	41.22	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	64795	41.51	ng	99
59) Diethylphthalate	10.40	149	266332	39.53	ng	99
60) 4-Chlorophenyl-phenylether	10.51	204	111988	39.41	ng	# 67
61) 4-Nitroaniline	10.52	138	64265	45.87	ng	96
62) Azobenzene	10.67	77	260947	40.46	ng	99
64) 4,6-Dinitro-2-methylphenol	10.56	198	36027	42.33	ng	92
65) n-Nitrosodiphenylamine	10.62	169	203696	40.20	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	63576	40.81	ng	93
67) Hexachlorobenzene	11.07	284	81124	42.75	ng	97
68) Atrazine	11.15	200	61381	41.68	ng	96
69) Pentachlorophenol	11.26	266	40541	42.83	ng	96
70) Phenanthrene	11.48	178	379953	41.63	ng	98
71) Anthracene	11.54	178	355479	40.38	ng	99
72) Carbazole	11.69	167	346232	43.42	ng	100
73) Di-n-butylphthalate	12.03	149	409912	41.50	ng	99
74) Fluoranthene	12.67	202	369329	41.87	ng	99
76) Benzidine	12.80	184	205504	37.40	ng	96
77) Pyrene	12.91	202	400778	39.59	ng	99
79) Butylbenzylphthalate	13.56	149	170610	38.96	ng	# 79
80) Benzo(a)anthracene	14.18	228	376904	39.74	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	131231	42.55	ng	# 97
82) Chrysene	14.23	228	358609	40.37	ng	100
83) Bis(2-ethylhexyl)phthalate	14.19	149	262745	39.82	ng	98
84) Di-n-octyl phthalate	14.91	149	429642	40.42	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.29	276	444954	43.33	ng	100
87) Benzo(b)fluoranthene	15.36	252	377355	41.70	ng	# 96
88) Benzo(k)fluoranthene	15.36	252	377355	46.57	ng	# 95
89) Benzo(a)pyrene	15.73	252	331352	40.71	ng	# 98
90) Dibenzo(a,h)anthracene	17.31	278	360923	42.10	ng	98
91) Benzo(g,h,i)perylene	17.73	276	377686	43.38	ng	98

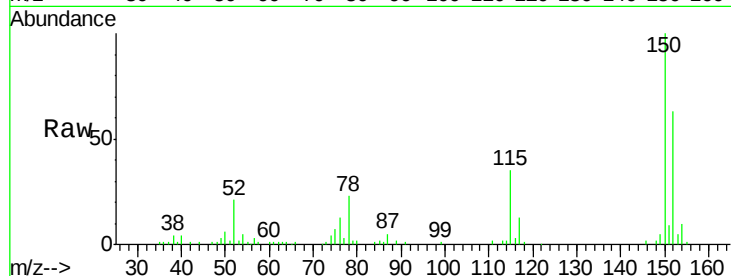
(#) = qualifier out of range (m) = manual integration (+) = signals summed



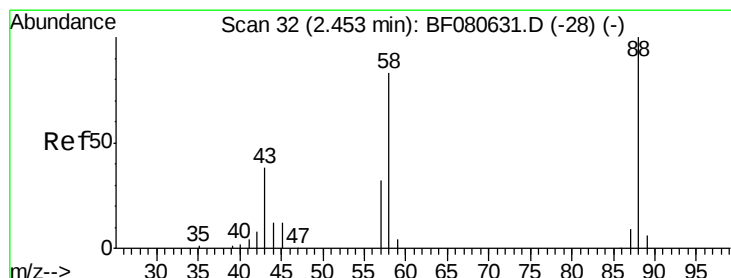
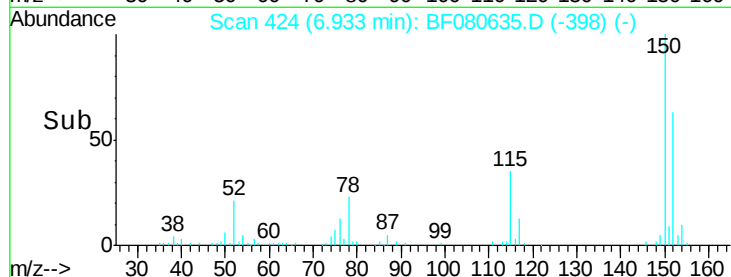
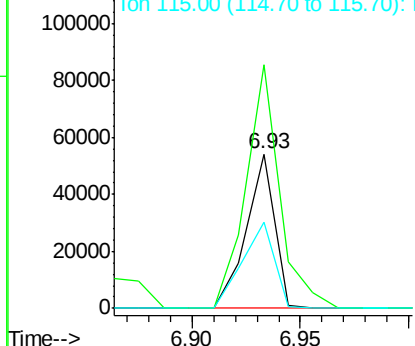
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:152 Resp: 48787
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.9 193.3
 115 55.6 51.0 76.6

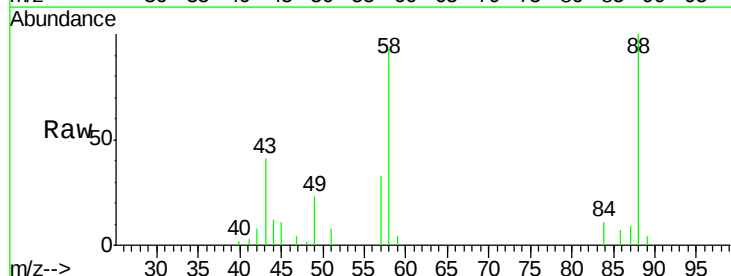


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

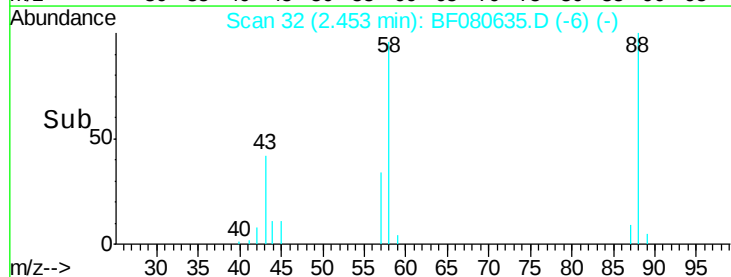
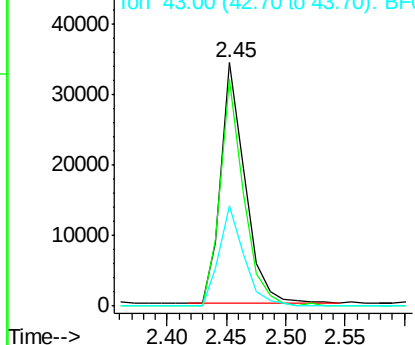


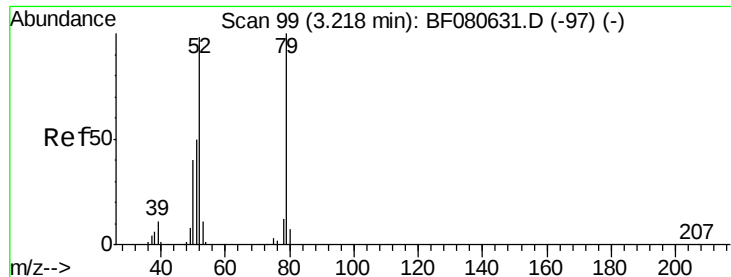
#2
 1,4-Dioxane
 Concen: 36.70 ng
 RT: 2.45 min Scan# 32
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion: 88 Resp: 47736
 Ion Ratio Lower Upper
 88 100
 58 92.5 67.7 101.5
 43 43.3 30.9 46.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 47.55 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

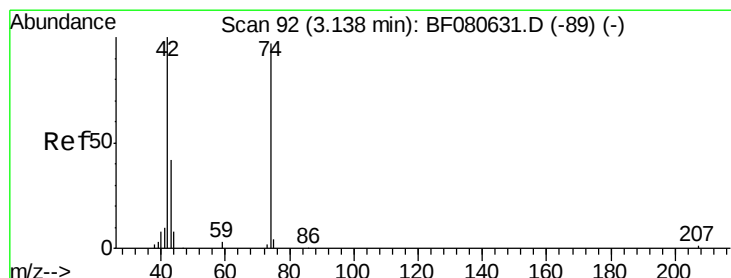
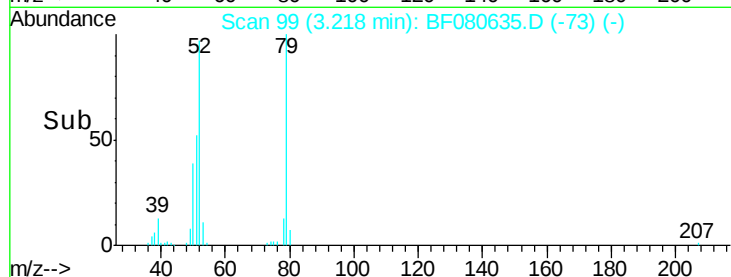
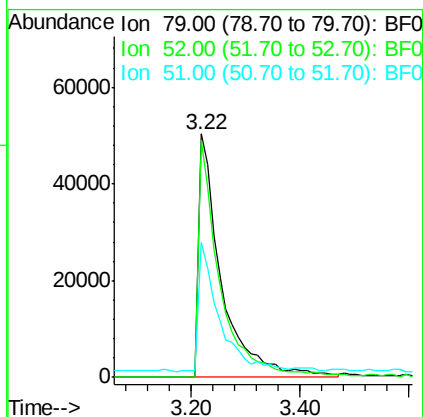
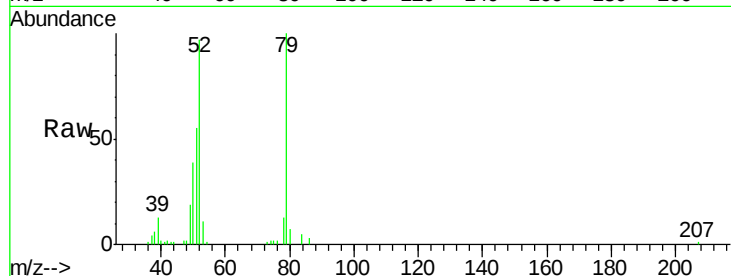
Tgt Ion: 79 Resp: 145918

Ion Ratio Lower Upper

79 100

52 97.3 78.8 118.2

51 55.4 41.4 62.2



#4

n-Nitrosodimethylamine

Concen: 41.18 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

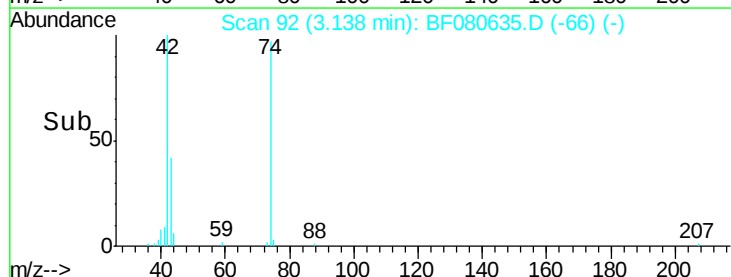
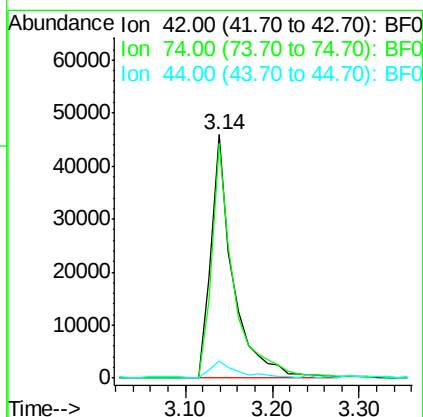
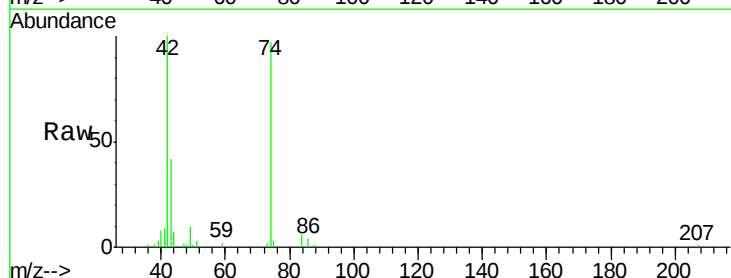
Tgt Ion: 42 Resp: 82353

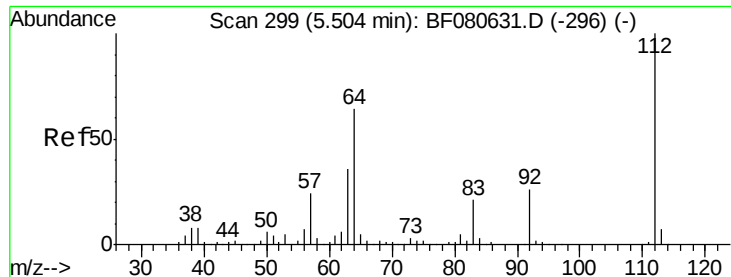
Ion Ratio Lower Upper

42 100

74 96.6 77.8 116.6

44 7.0 6.2 9.4





#5

2-Fluorophenol

Concen: 83.12 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

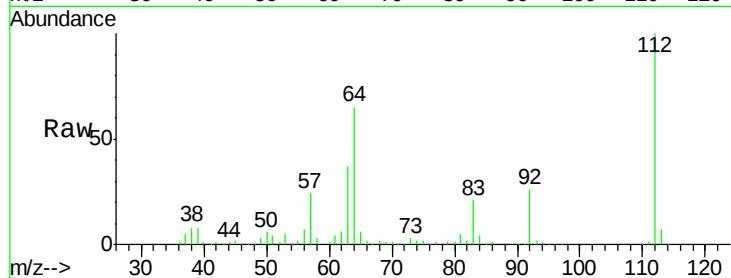
Tgt Ion: 112 Resp: 240824

Ion Ratio Lower Upper

112 100

64 64.6 51.2 76.8

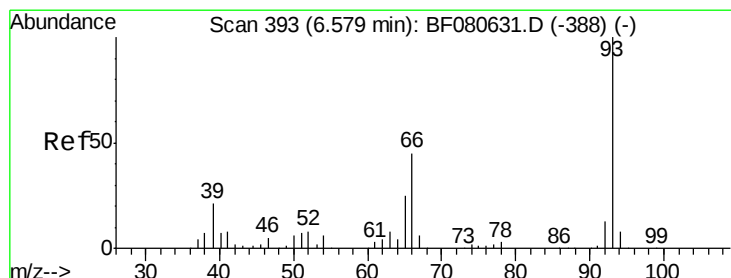
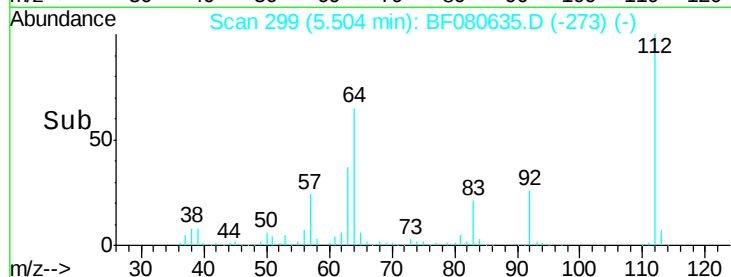
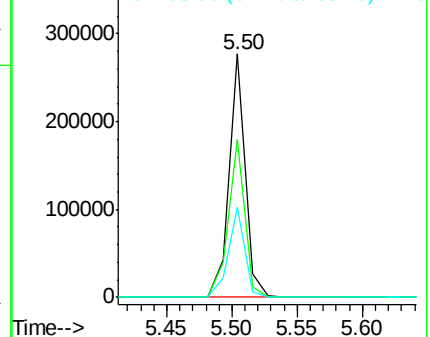
63 37.0 29.0 43.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.69 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

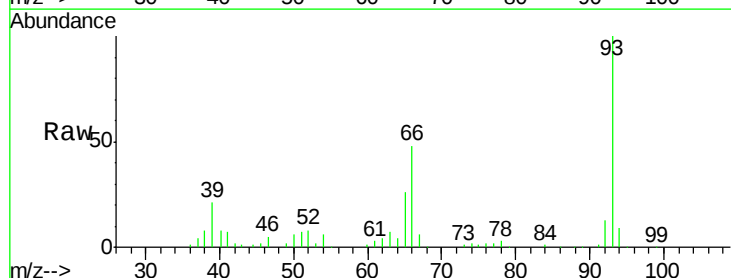
Tgt Ion: 93 Resp: 194375

Ion Ratio Lower Upper

93 100

66 48.2 36.3 54.5

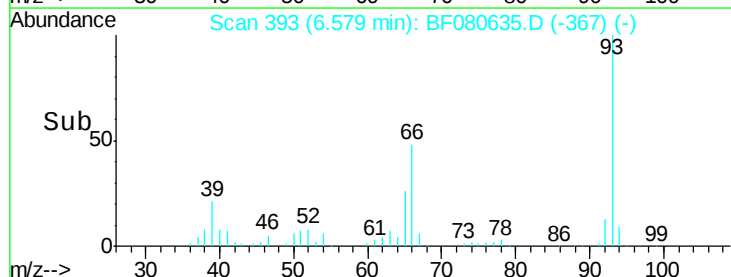
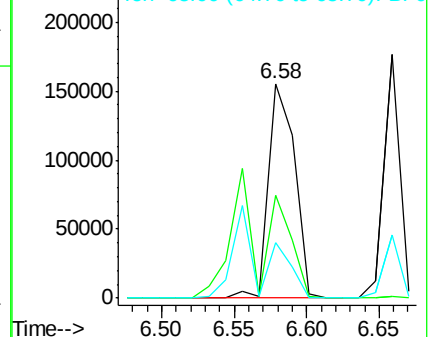
65 26.0 19.9 29.9

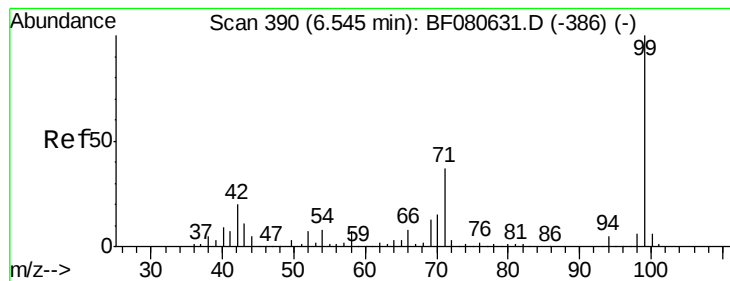


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.74 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

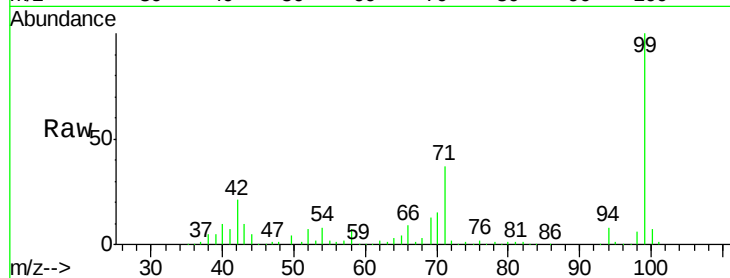
Tgt Ion: 99 Resp: 296728

Ion Ratio Lower Upper

99 100

42 21.4 16.3 24.5

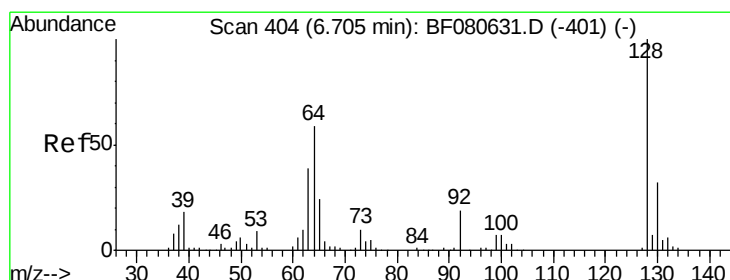
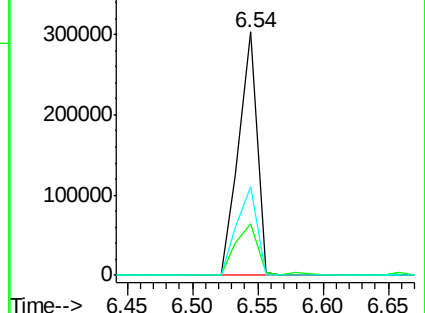
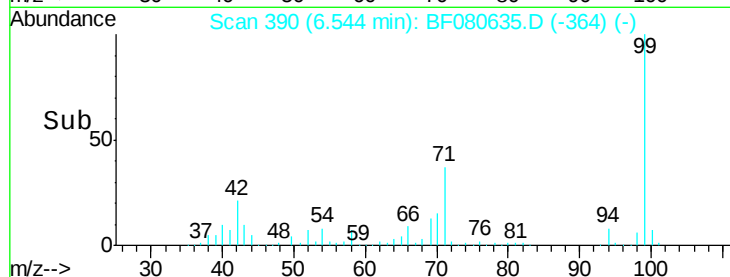
71 36.6 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.36 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

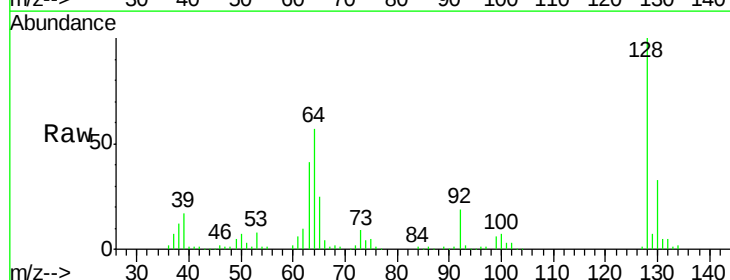
Tgt Ion: 128 Resp: 131603

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

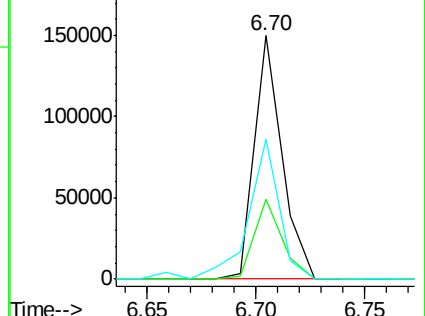
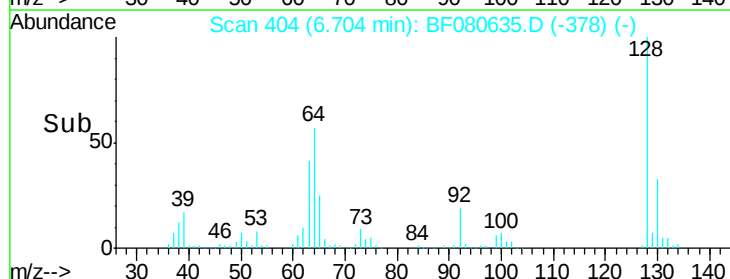
64 57.4 38.9 78.9

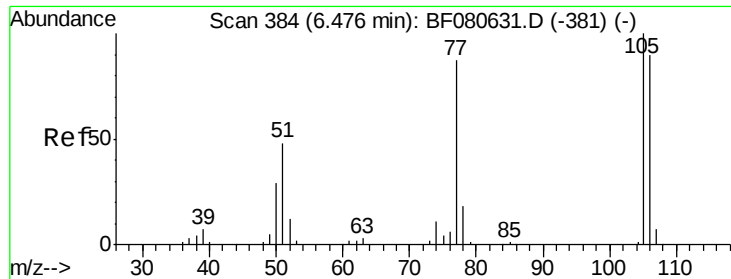


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.81 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

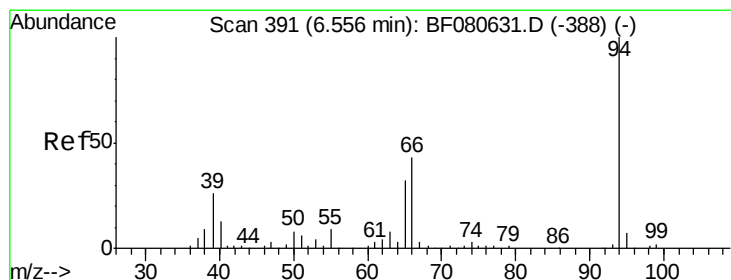
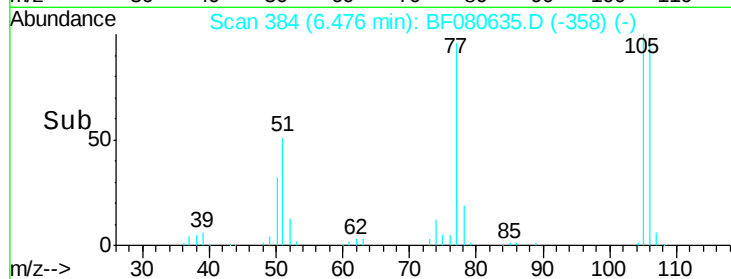
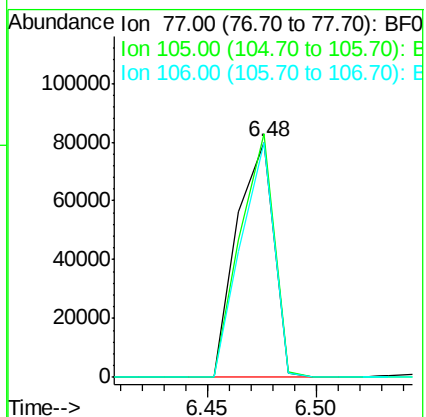
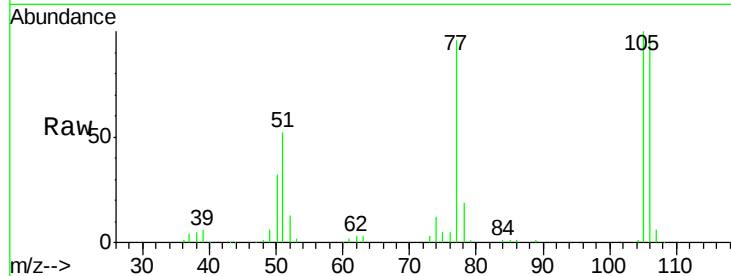
Tgt Ion: 77 Resp: 94504

Ion Ratio Lower Upper

77 100

105 103.7 94.7 134.7

106 99.9 83.4 123.4



#10

Phenol

Concen: 44.78 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

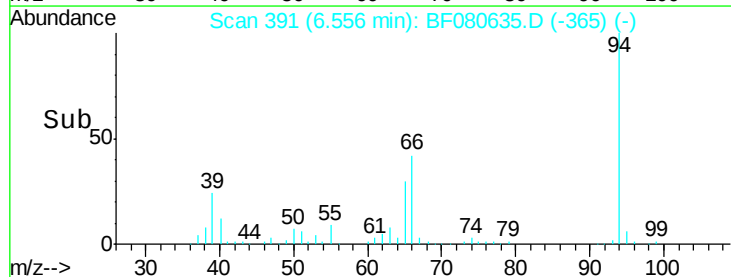
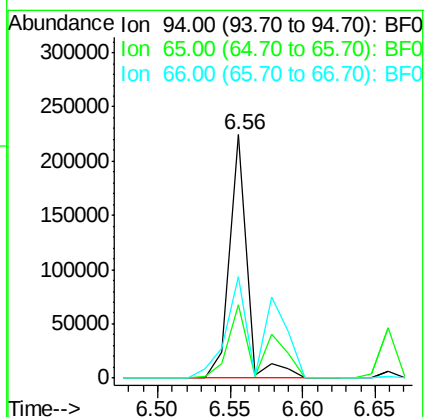
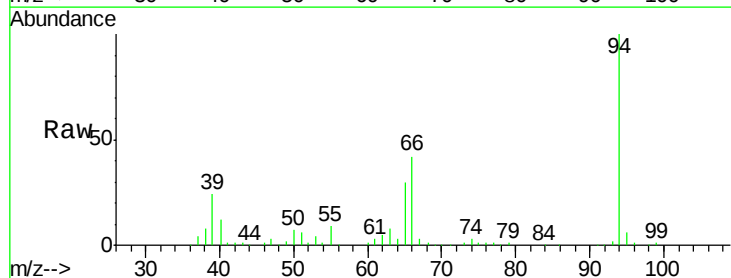
Tgt Ion: 94 Resp: 187673

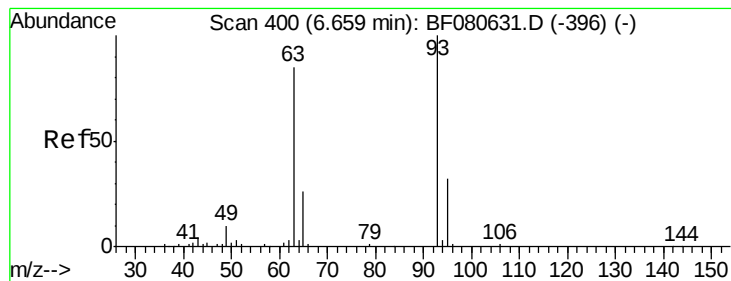
Ion Ratio Lower Upper

94 100

65 30.0 12.5 52.5

66 41.8 22.8 62.8





#11

bis(2-Chloroethyl)ether

Concen: 42.96 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

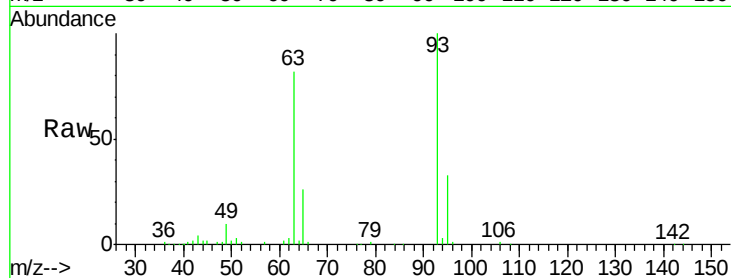
Tgt Ion: 93 Resp: 132417

Ion Ratio Lower Upper

93 100

63 81.8 65.1 105.1

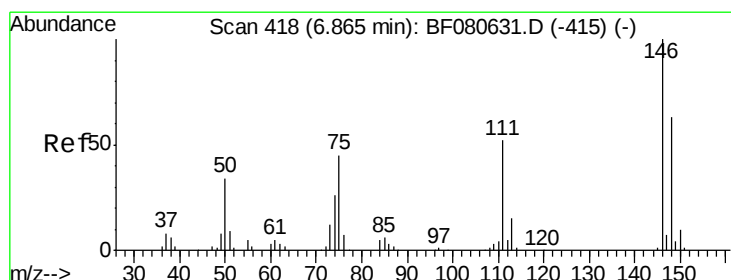
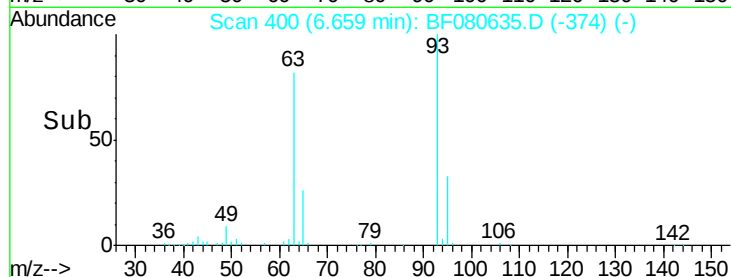
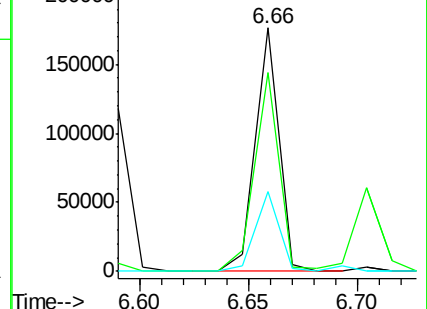
95 32.8 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.49 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

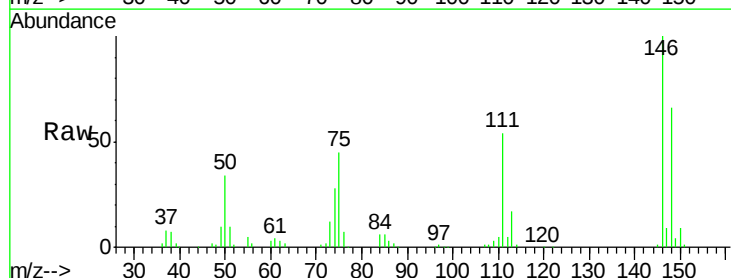
Tgt Ion: 146 Resp: 139157

Ion Ratio Lower Upper

146 100

148 65.7 50.2 75.2

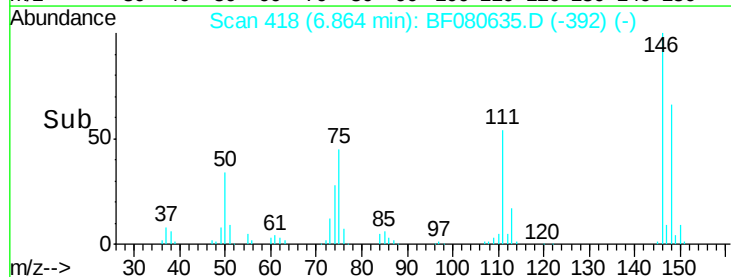
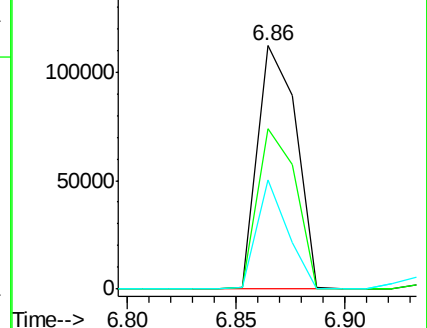
75 44.9 36.3 54.5

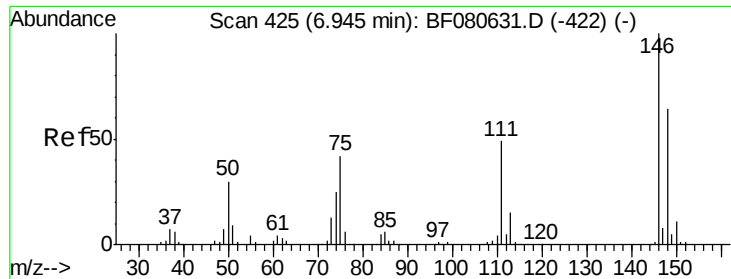


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

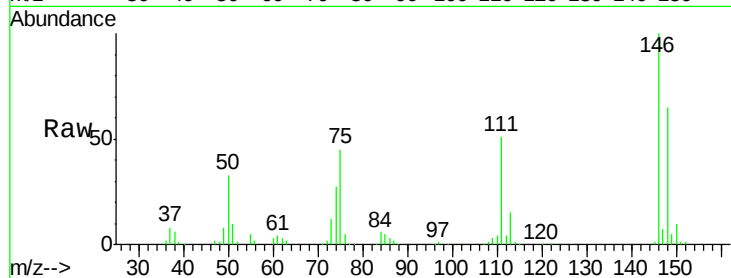




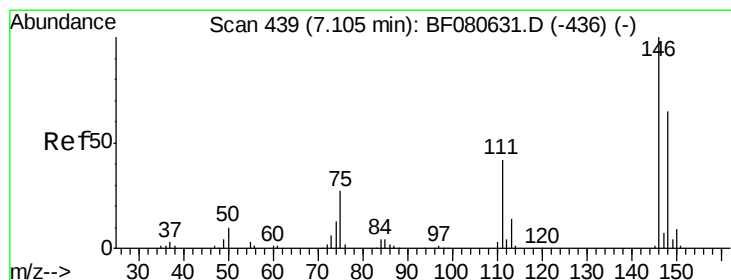
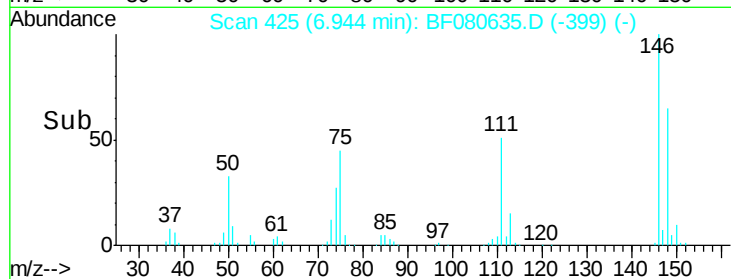
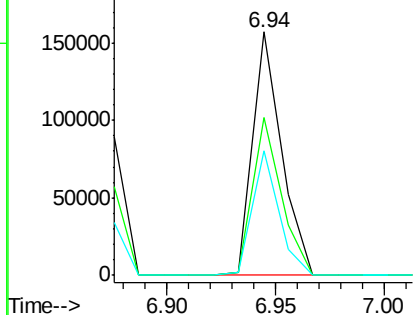
#13
 1,4-Dichlorobenzene
 Concen: 40.72 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:146 Resp: 144928
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.2
 111 51.2 39.5 59.3

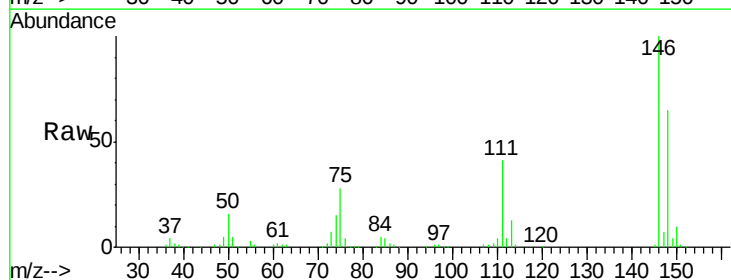


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

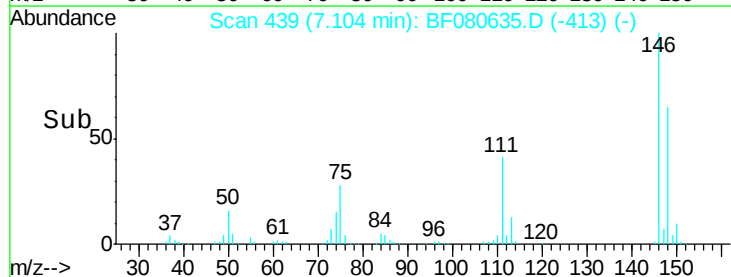
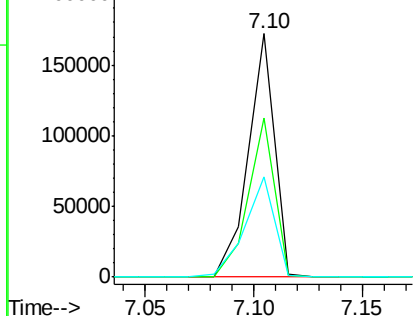


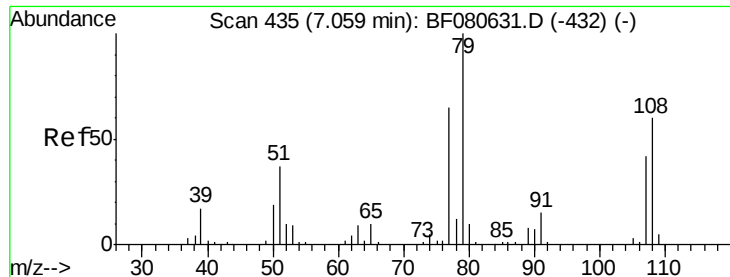
#14
 1,2-Dichlorobenzene
 Concen: 41.26 ng
 RT: 7.10 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion:146 Resp: 144401
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.6 77.4
 111 41.2 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 38.38 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

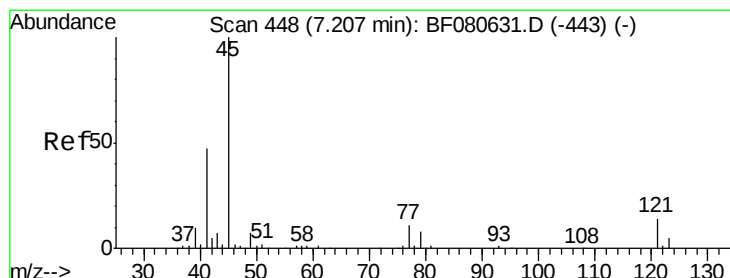
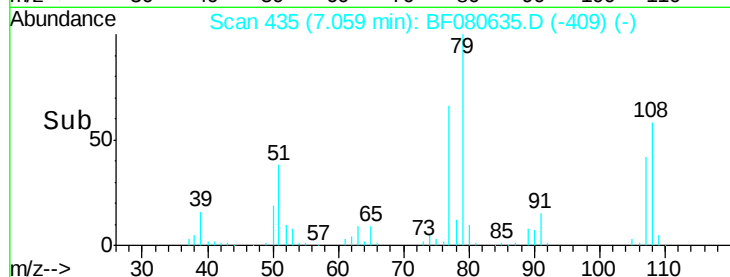
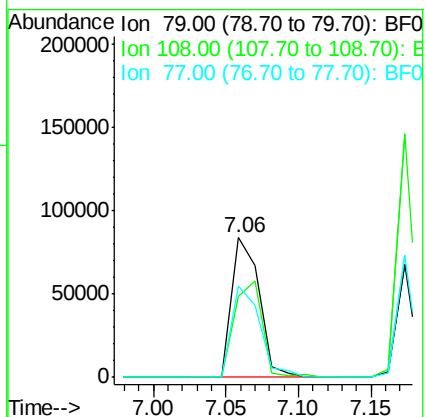
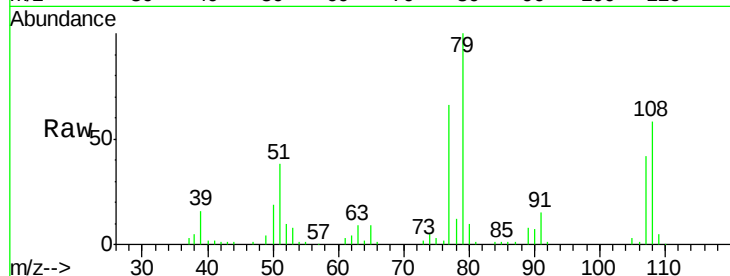
Tgt Ion: 79 Resp: 110346

Ion Ratio Lower Upper

79 100

108 58.0 47.8 71.8

77 65.9 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.29 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

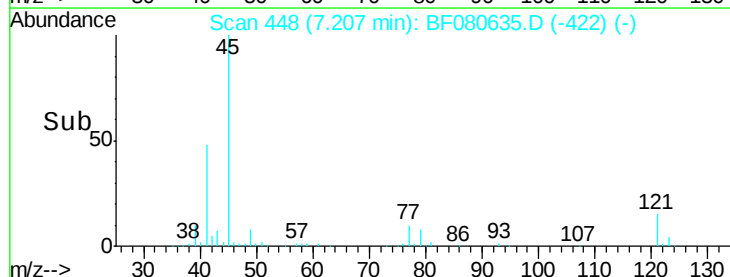
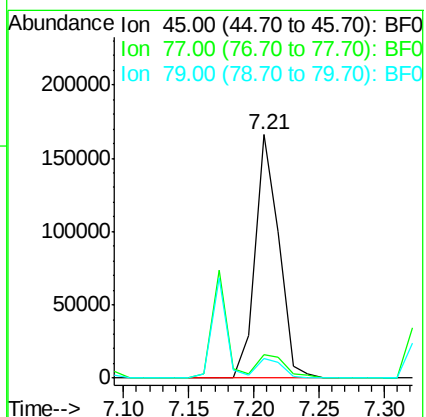
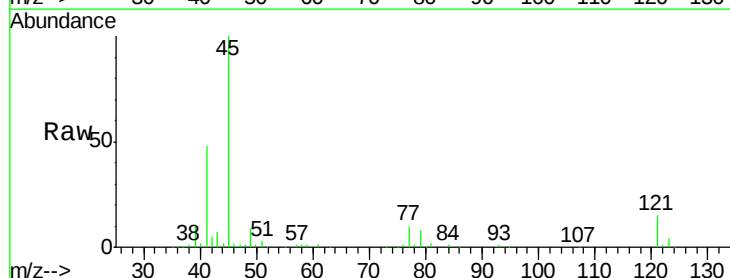
Tgt Ion: 45 Resp: 210948

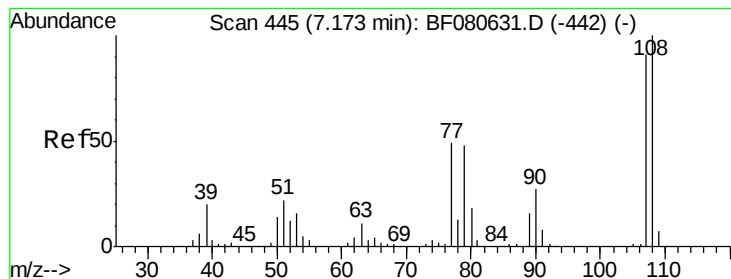
Ion Ratio Lower Upper

45 100

77 9.7 0.0 31.0

79 7.8 0.0 27.8





#17

2-Methylphenol

Concen: 40.93 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

Tgt Ion:107 Resp: 103584

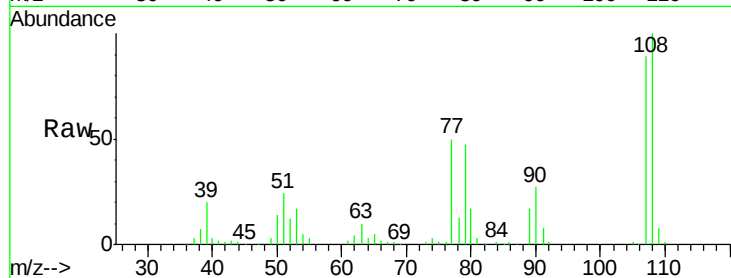
Ion Ratio Lower Upper

107 100

108 111.8 88.4 132.6

77 56.1 43.0 64.4

79 52.2 42.2 63.2

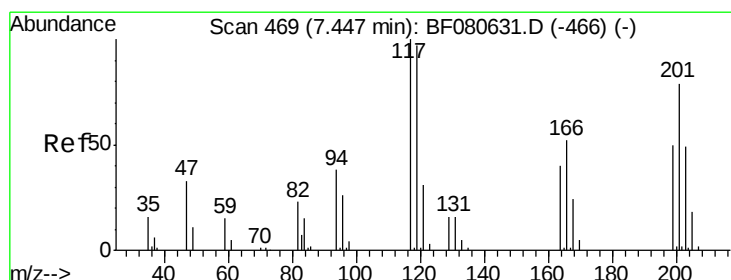
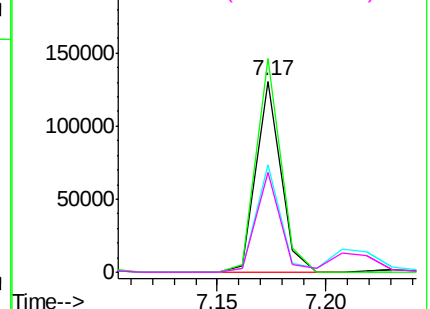
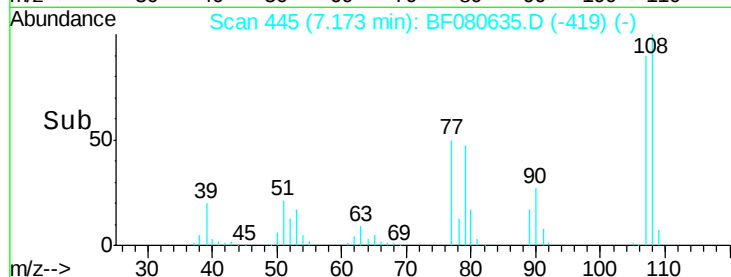


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.56 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

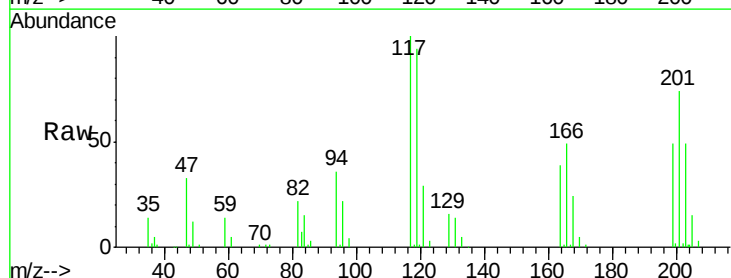
Tgt Ion:117 Resp: 59239

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.2

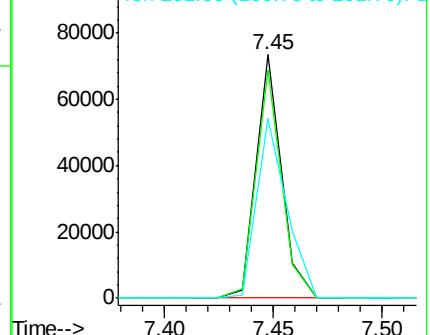
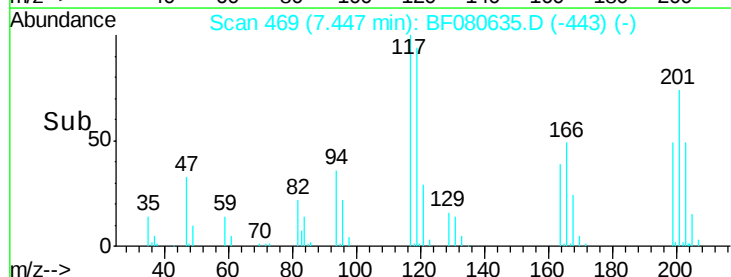
201 73.9 62.9 94.3

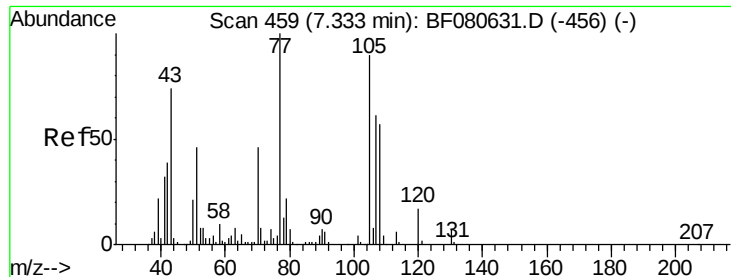


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

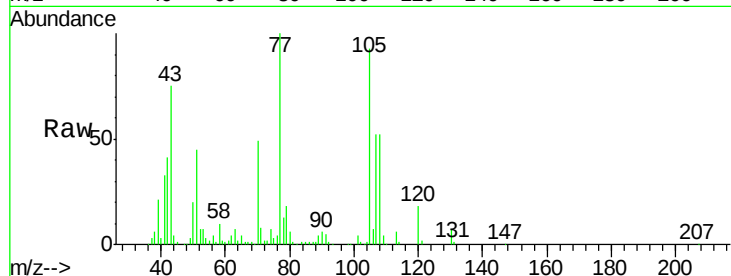




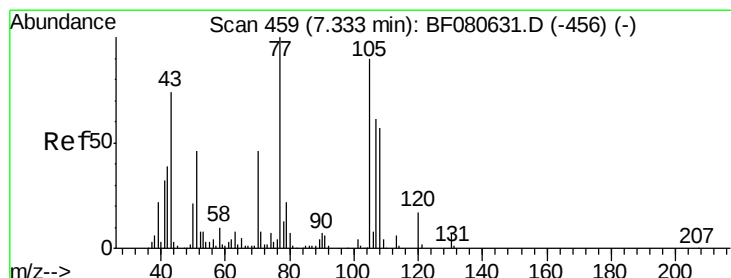
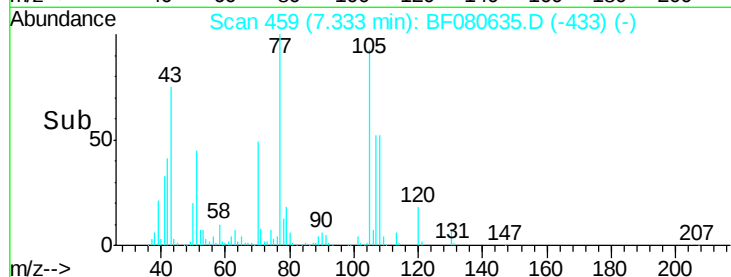
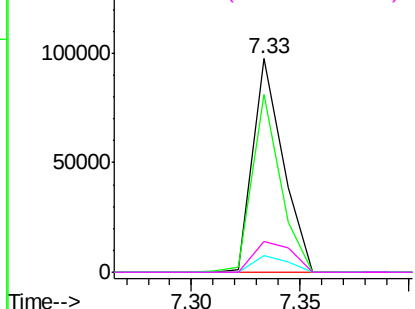
#19
n-Nitroso-di-n-propylamine
Concen: 37.71 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF072415

Tgt Ion: 70 Resp: 94168
Ion Ratio Lower Upper
70 100
42 83.1 67.8 101.8
101 8.0 6.6 9.8
130 14.5 11.4 17.0



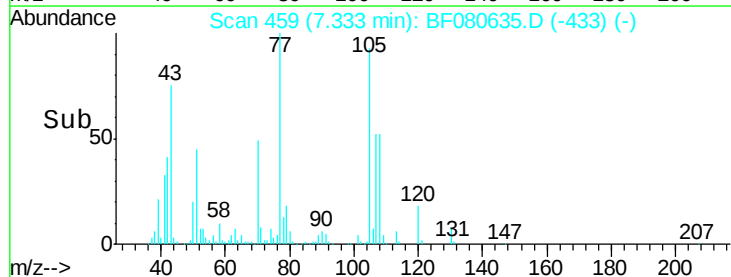
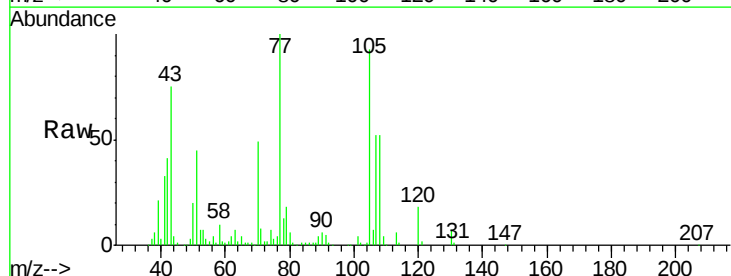
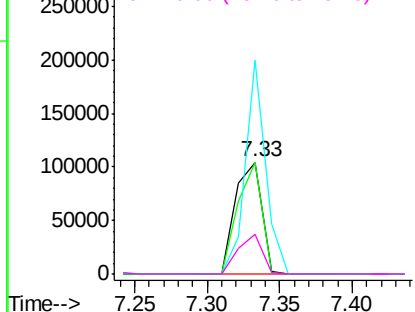
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

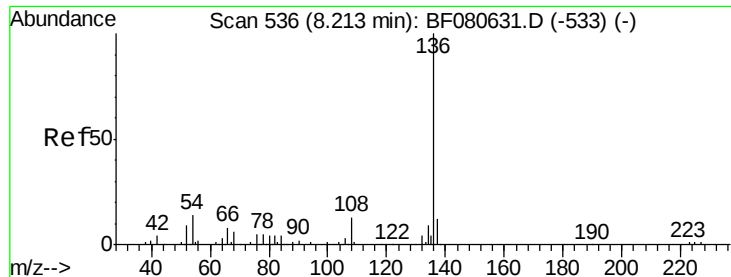


#20
3+4-Methylphenols
Concen: 40.33 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion:107 Resp: 132367
Ion Ratio Lower Upper
107 100
108 99.2 73.5 113.5
77 190.8 142.7 182.7#
79 35.3 15.7 55.7

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

Tgt Ion:136 Resp: 171834

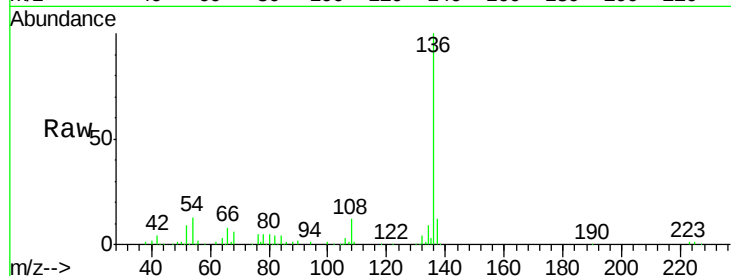
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 13.2 11.6 17.4

68 6.1 5.0 7.4

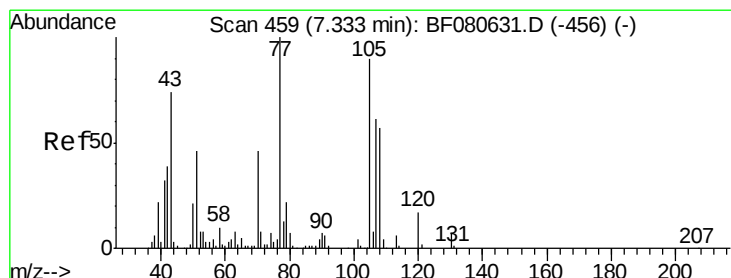
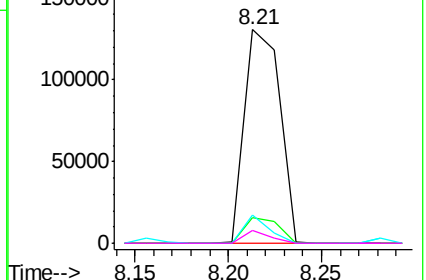
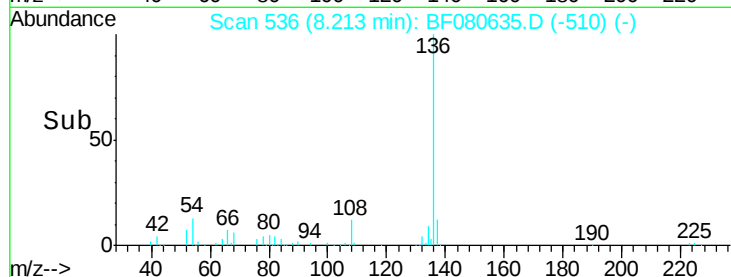


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.87 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Tgt Ion:105 Resp: 177897

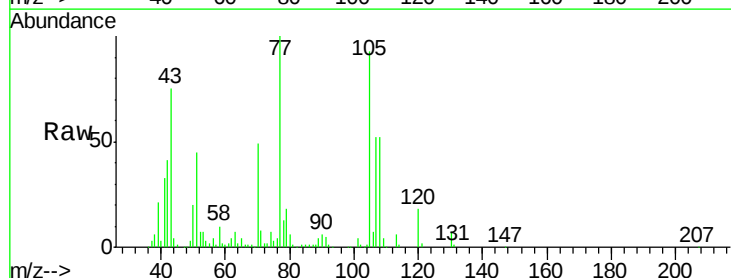
Ion Ratio Lower Upper

105 100

71 8.8 7.2 10.8

51 48.4 40.8 61.2

120 19.0 15.3 22.9

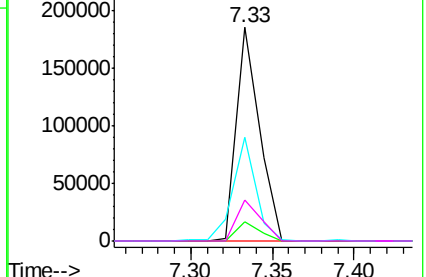
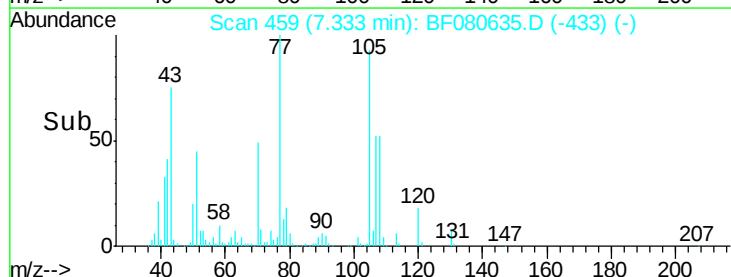


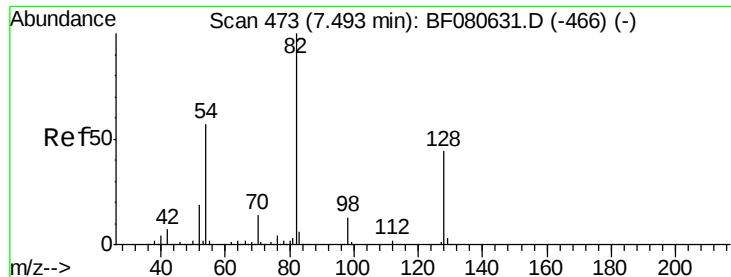
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.31 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

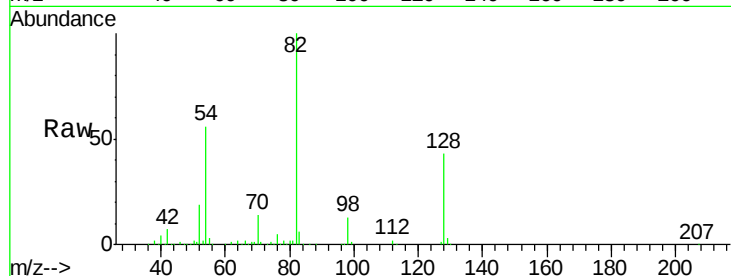
Tgt Ion: 82 Resp: 305556

Ion Ratio Lower Upper

82 100

128 43.3 34.8 52.2

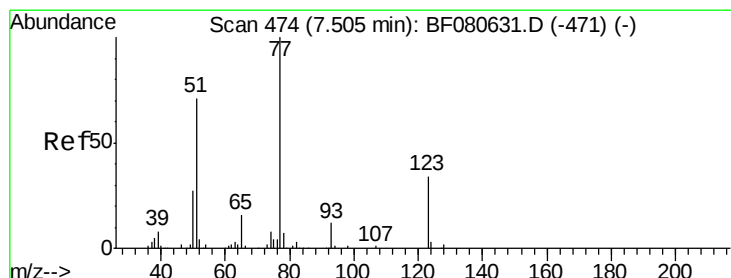
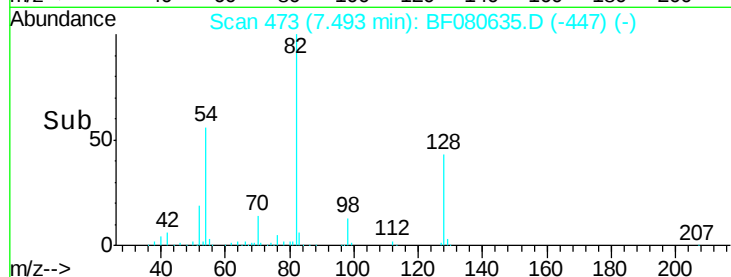
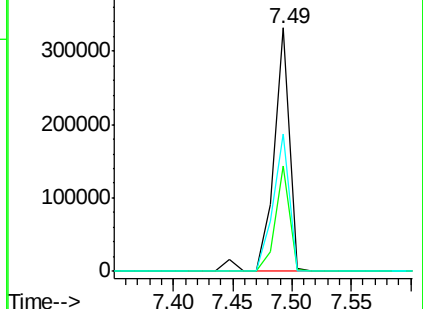
54 56.5 45.4 68.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.08 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

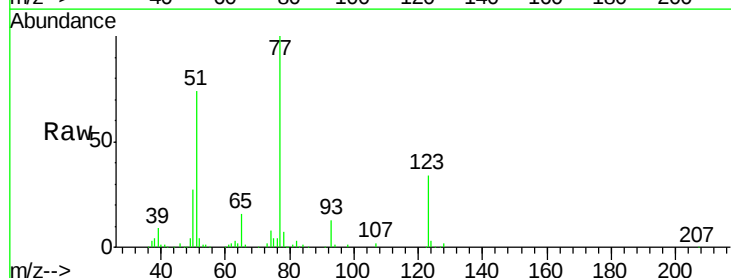
Tgt Ion: 77 Resp: 136686

Ion Ratio Lower Upper

77 100

123 33.8 27.1 40.7

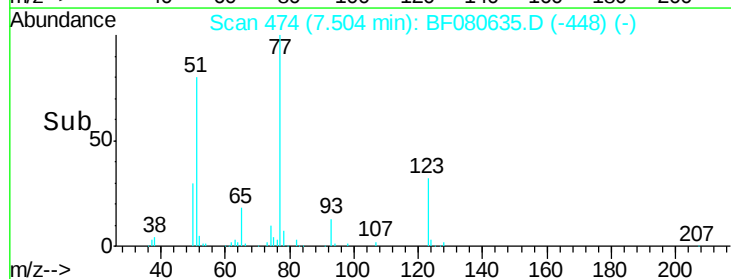
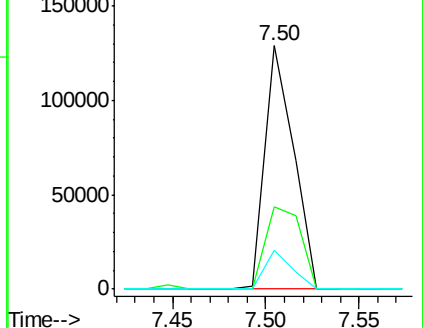
65 16.0 12.6 18.8

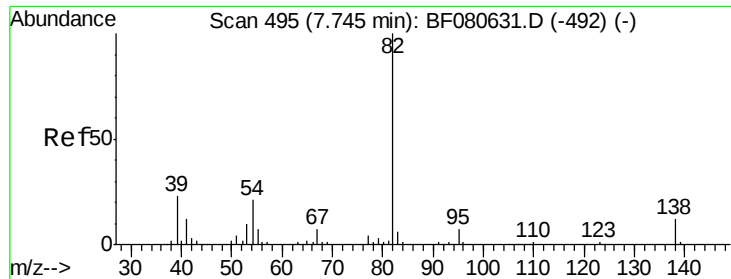


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.16 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

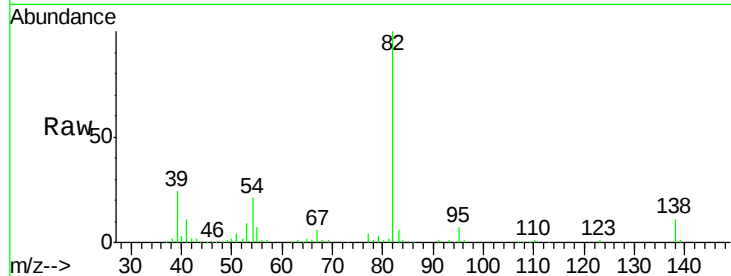
Tgt Ion: 82 Resp: 240971

Ion Ratio Lower Upper

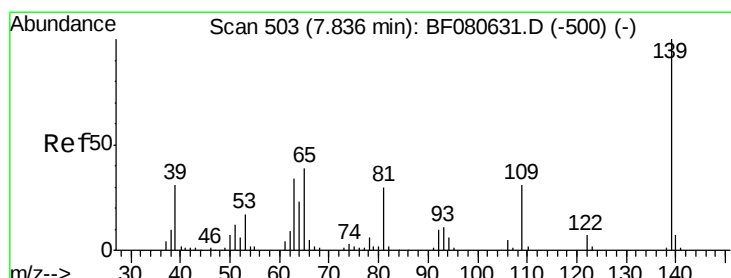
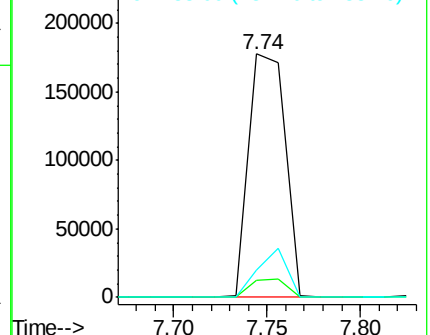
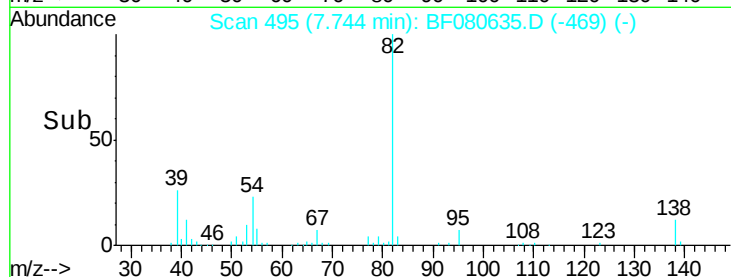
82 100

95 6.9 5.5 8.3

138 11.1 9.7 14.5



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: 42.75 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

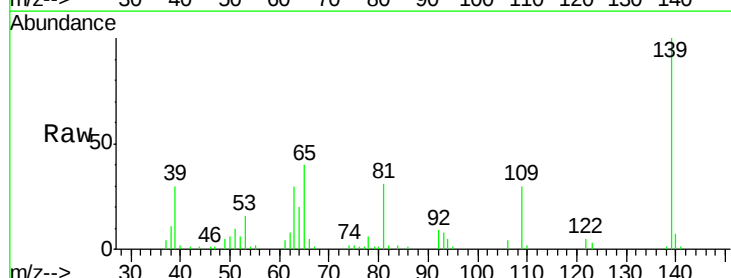
Tgt Ion: 139 Resp: 53197

Ion Ratio Lower Upper

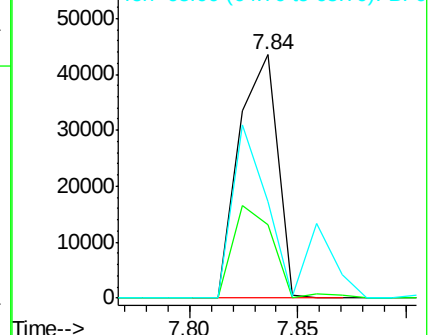
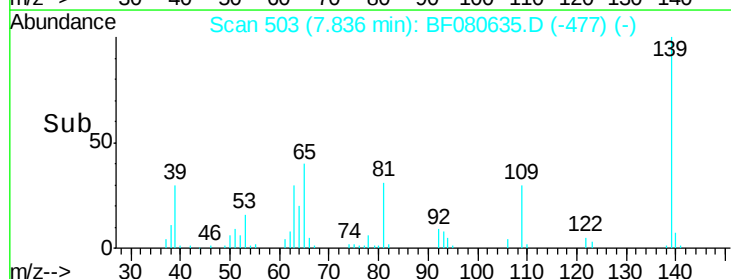
139 100

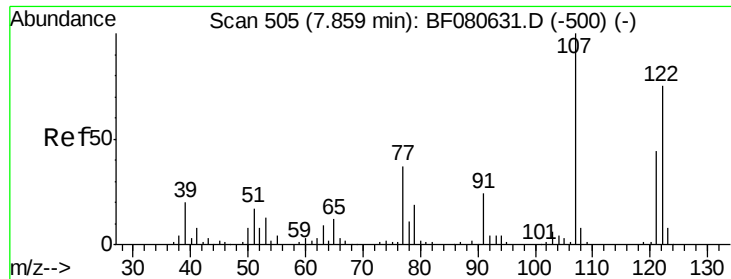
109 29.9 25.0 37.6

65 39.7 31.4 47.0



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

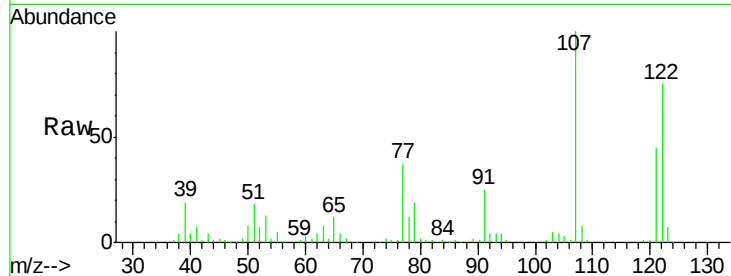




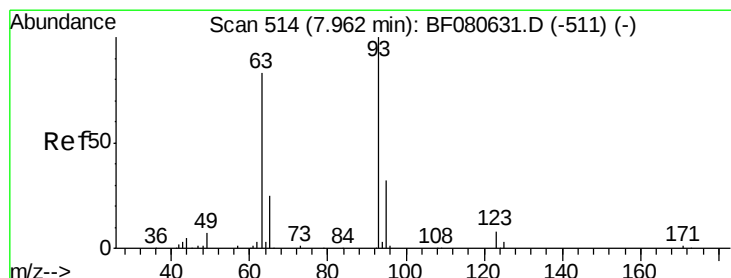
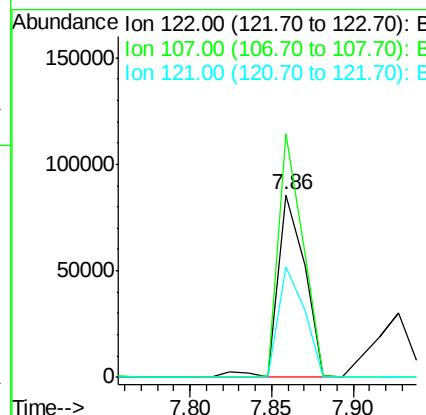
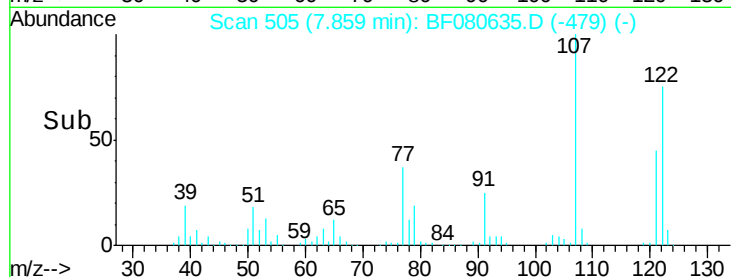
#27
 2,4-Dimethylphenol
 Concen: 39.59 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:122 Resp: 98704
 Ion Ratio Lower Upper
 122 100
 107 133.4 107.4 161.0
 121 60.6 46.8 70.2

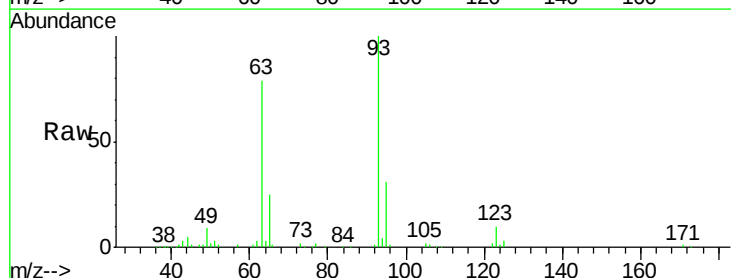


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

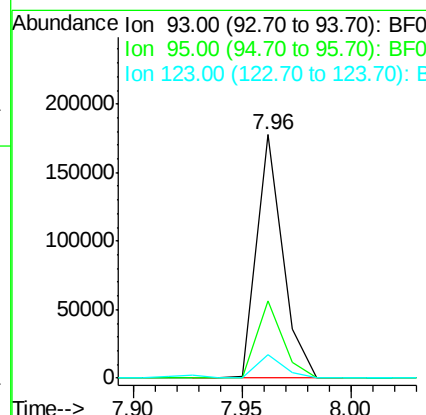
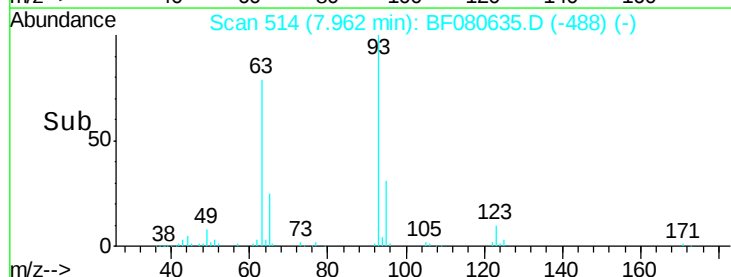


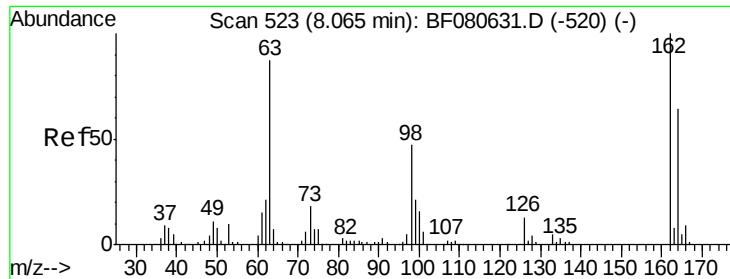
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.42 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion: 93 Resp: 147532
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.4 38.0
 123 9.6 7.2 10.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

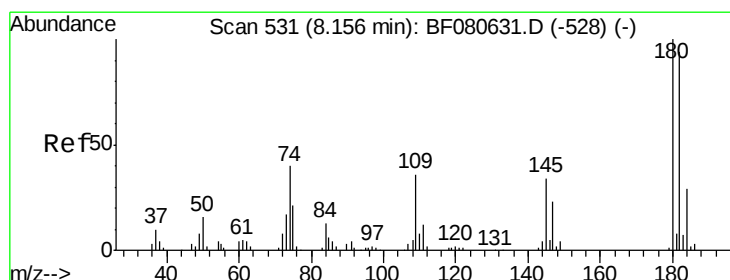
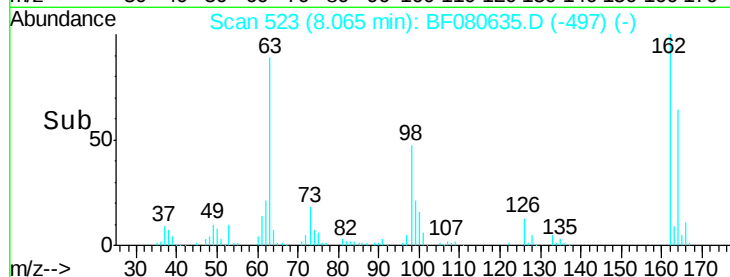
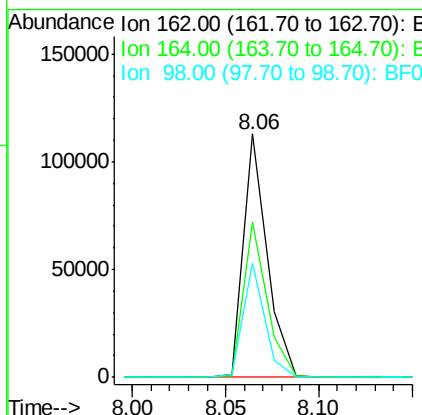
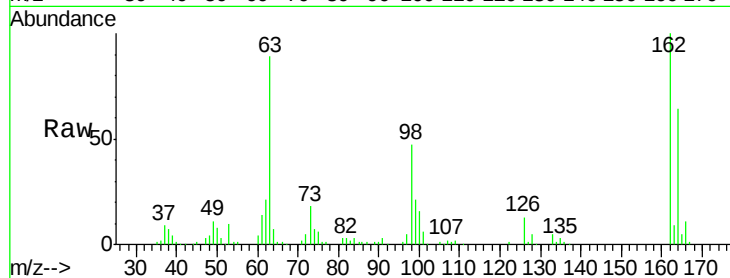




#29
 2,4-Dichlorophenol
 Concen: 42.12 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

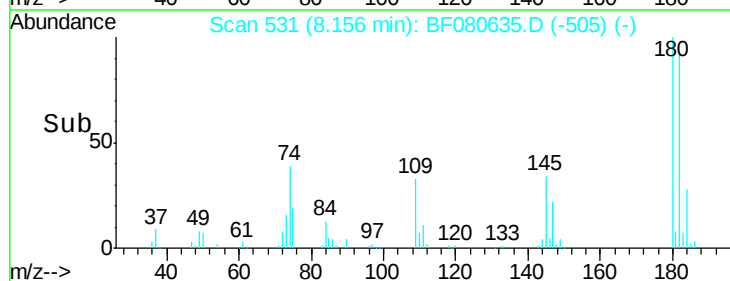
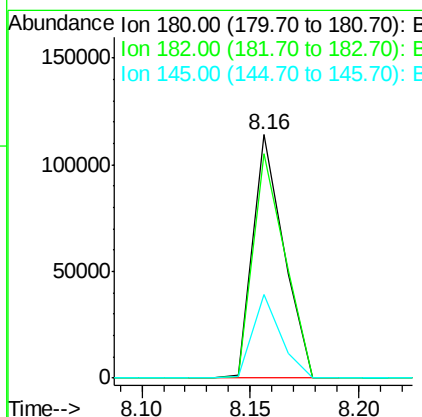
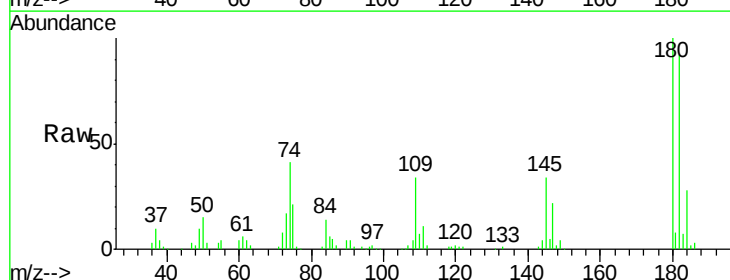
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

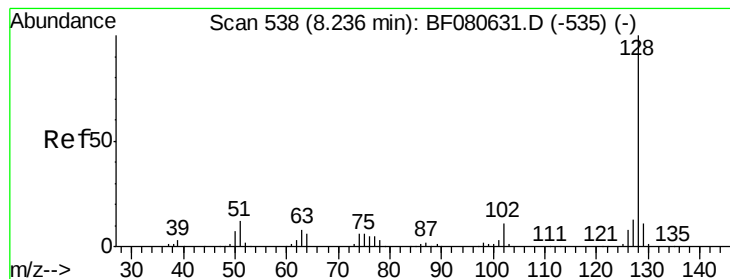
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	47.0	26.5	66.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.87 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.5	113.3
145	34.3	27.1	40.7





#31

Naphthalene

Concen: 39.84 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

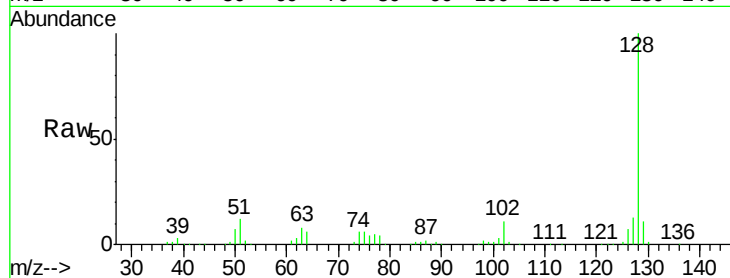
Tgt Ion:128 Resp: 343028

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

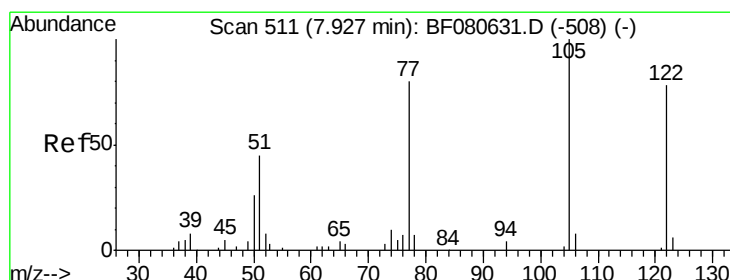
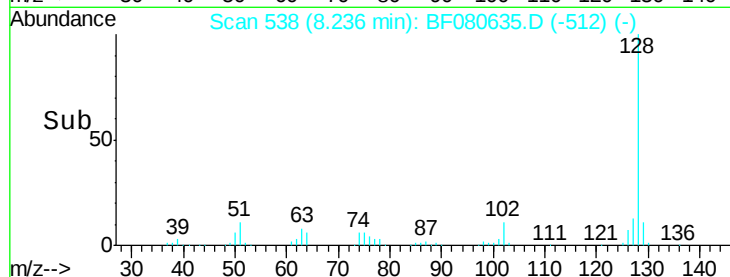
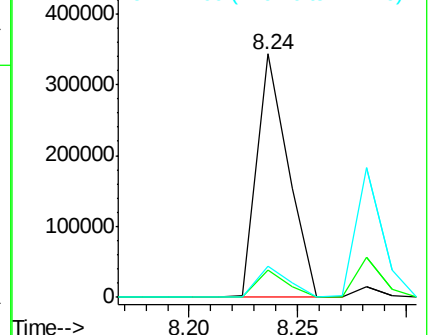
127 12.8 10.6 15.8



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: 38.59 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

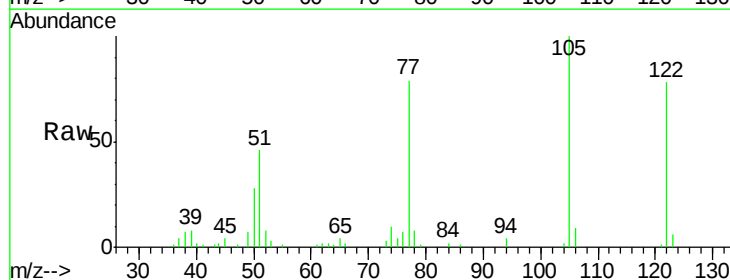
Tgt Ion:122 Resp: 54466

Ion Ratio Lower Upper

122 100

105 127.5 107.9 147.9

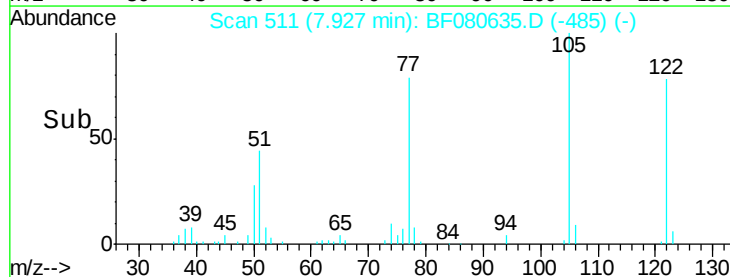
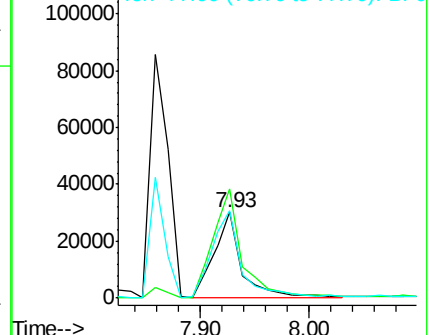
77 101.2 84.3 124.3

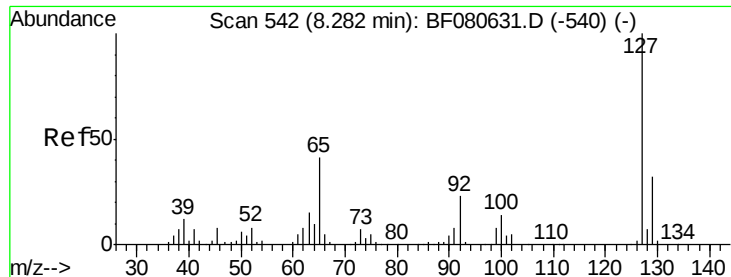


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

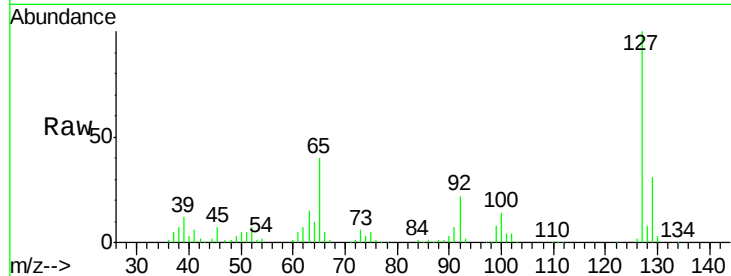




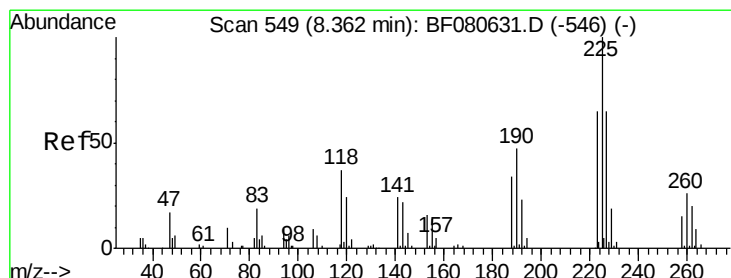
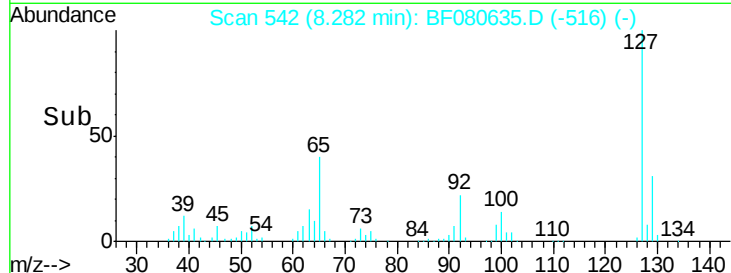
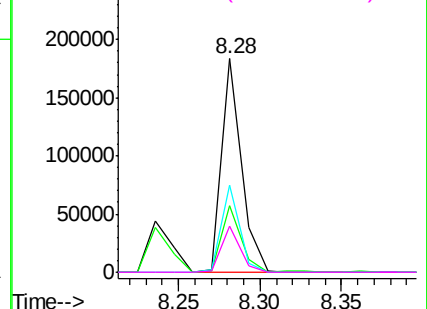
#33
4-Chloroaniline
Concen: 41.10 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF072415

Tgt Ion:	127	Resp:	155439
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	40.5	32.5	48.7
92	21.6	18.5	27.7

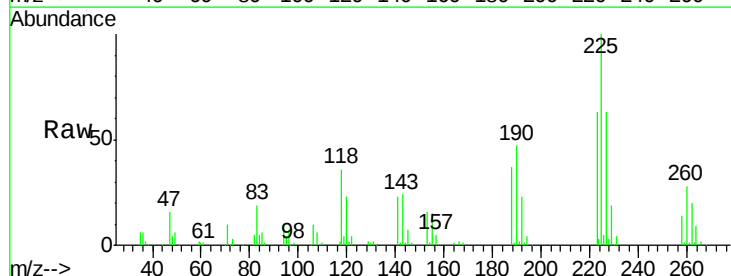


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

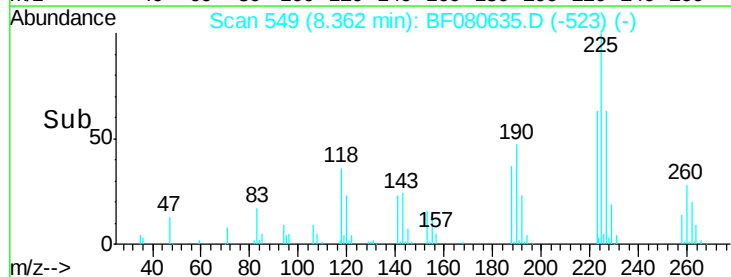
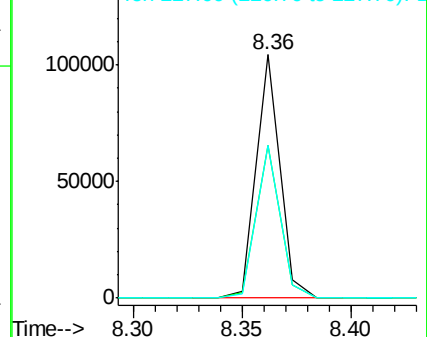


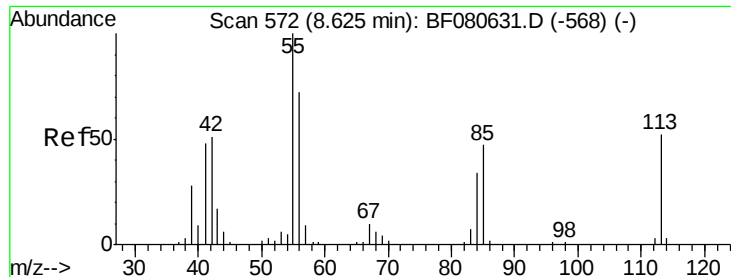
#34
Hexachlorobutadiene
Concen: 40.61 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion:	225	Resp:	79140
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.9	77.9
227	62.8	51.6	77.4



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

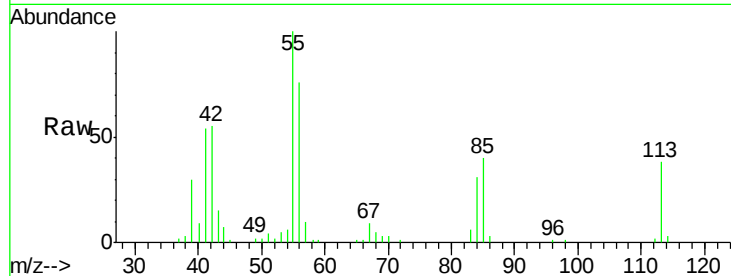




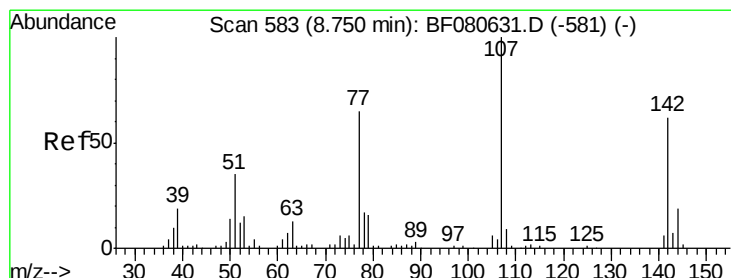
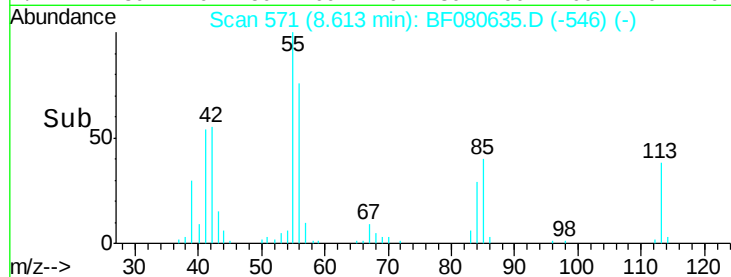
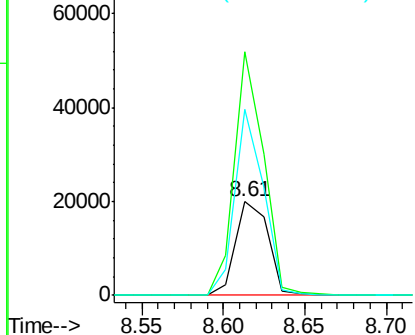
#35
 Caprolactam
 Concen: 40.49 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:113 Resp: 27569
 Ion Ratio Lower Upper
 113 100
 55 261.1 170.7 210.7#
 56 199.0 118.2 158.2#

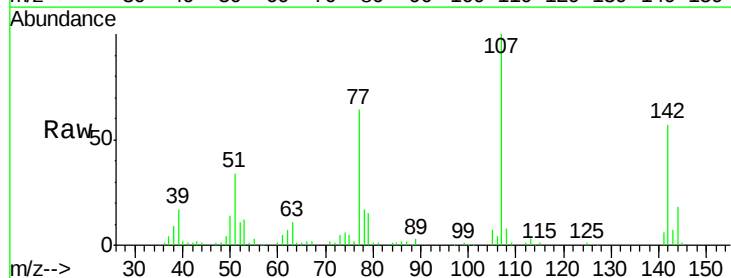


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

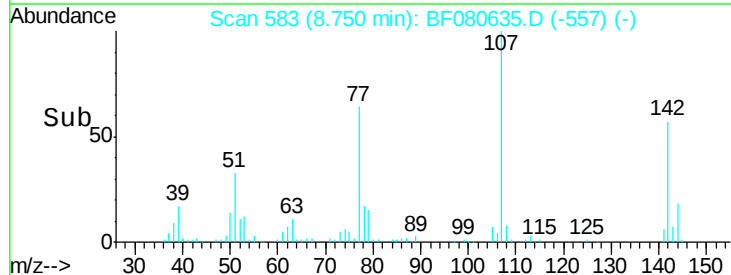
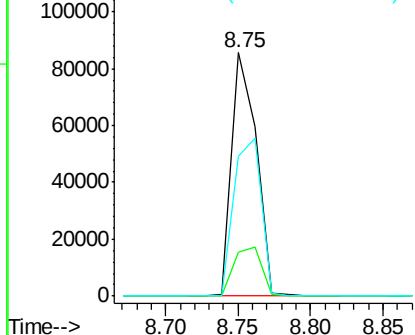


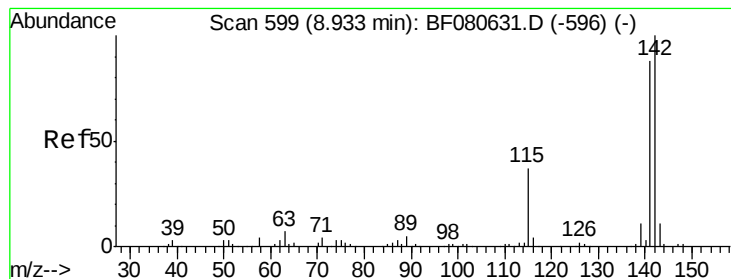
#36
 4-Chloro-3-methylphenol
 Concen: 39.72 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion:107 Resp: 101357
 Ion Ratio Lower Upper
 107 100
 144 18.0 15.0 22.6
 142 57.3 49.5 74.3



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





#37

2-Methylnaphthalene

Concen: 39.92 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

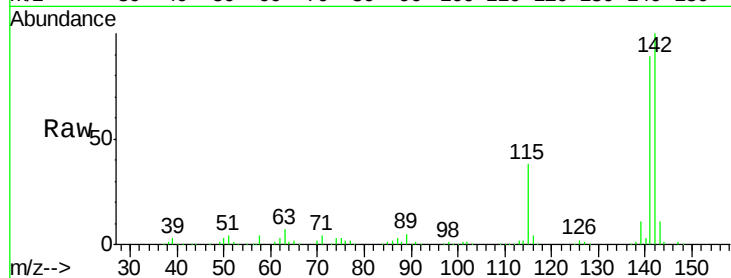
Tgt Ion:142 Resp: 244957

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1

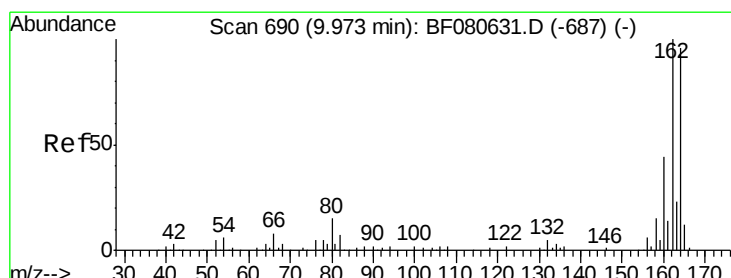
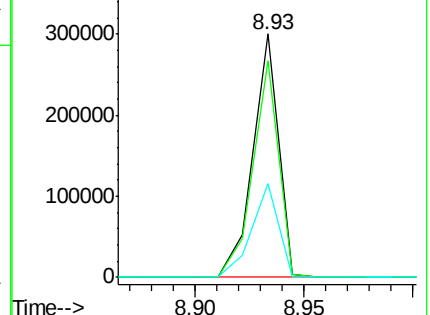
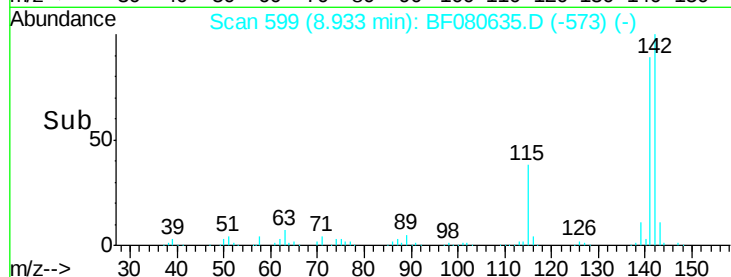
115 38.3 29.3 43.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

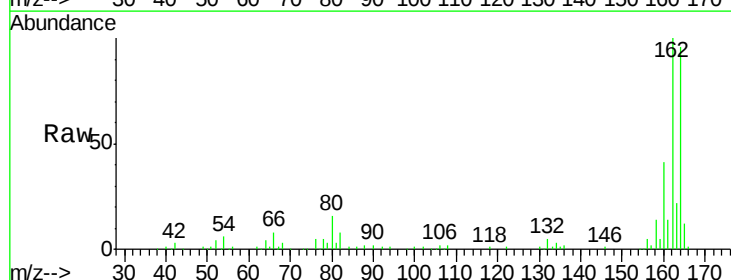
Tgt Ion:164 Resp: 94775

Ion Ratio Lower Upper

164 100

162 104.1 83.3 124.9

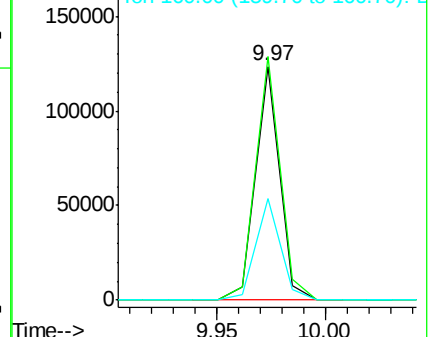
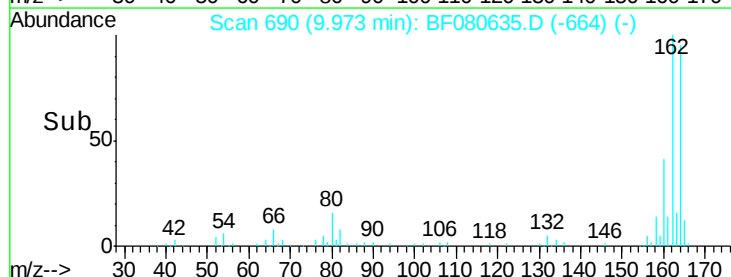
160 43.2 36.9 55.3

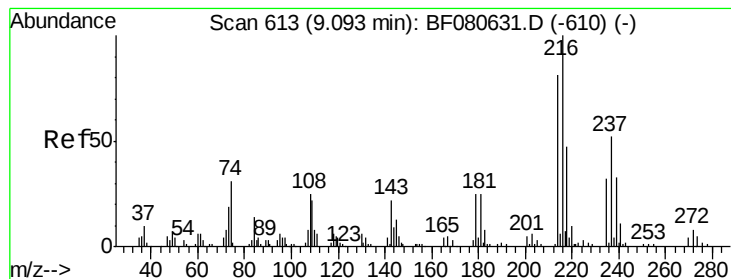


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.91 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

Tgt Ion:216 Resp: 106509

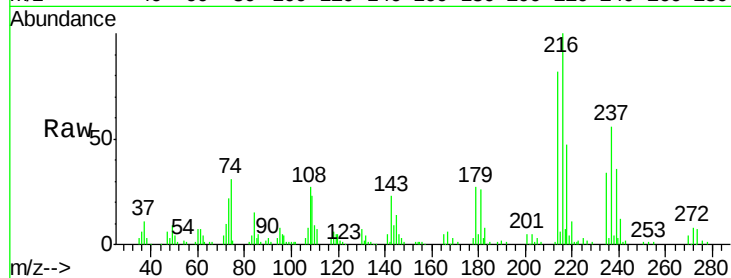
Ion Ratio Lower Upper

216 100

214 79.1 62.5 93.7

179 23.6 18.7 28.1

108 22.7 17.6 26.4

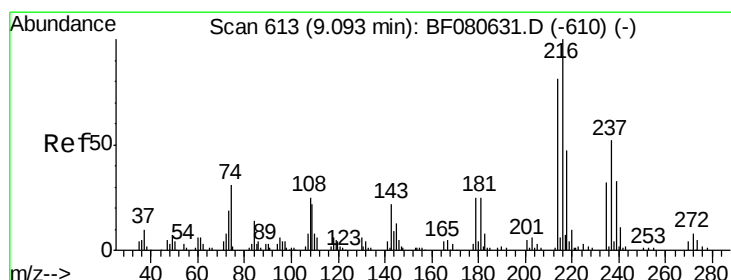
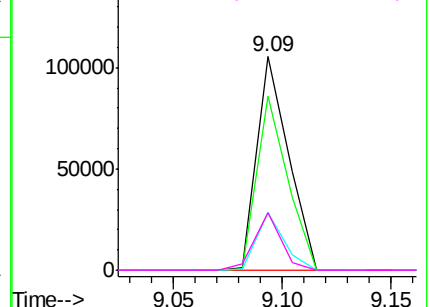
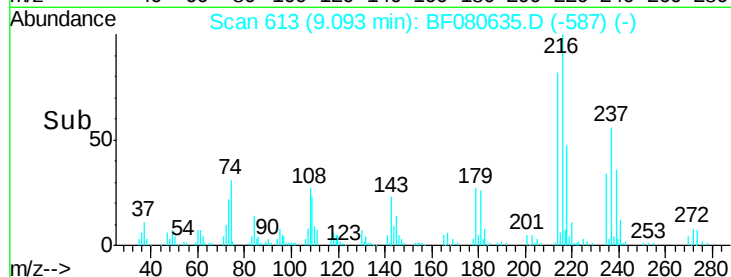


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.42 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

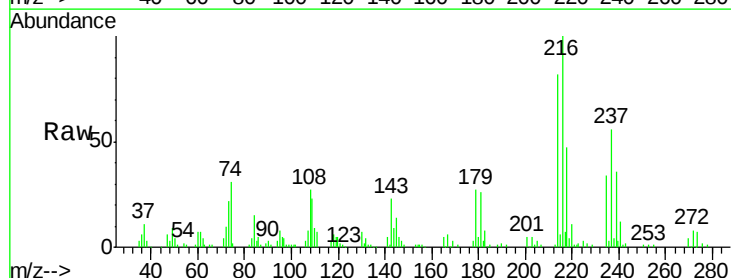
Tgt Ion:237 Resp: 64158

Ion Ratio Lower Upper

237 100

235 61.4 41.6 81.6

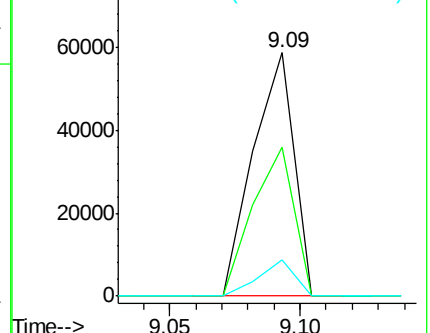
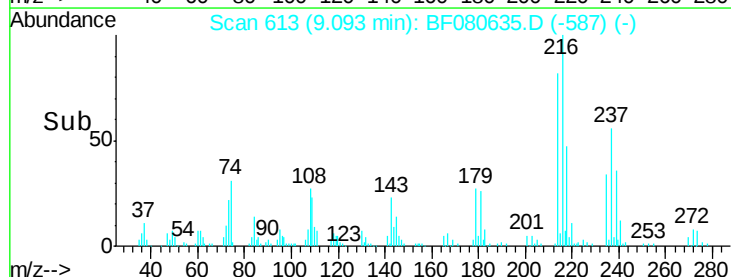
272 14.8 0.0 35.0

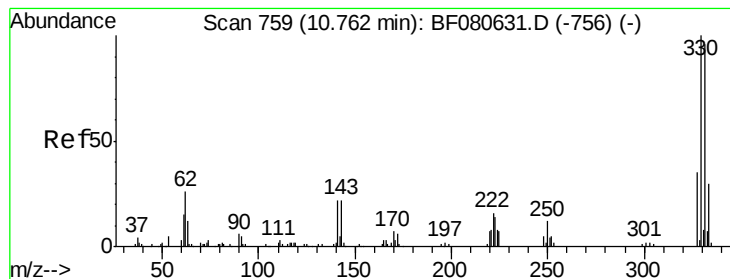


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

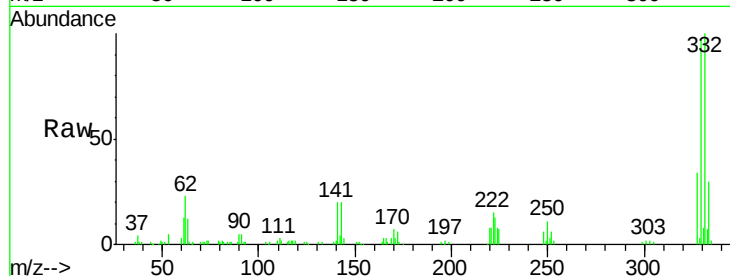




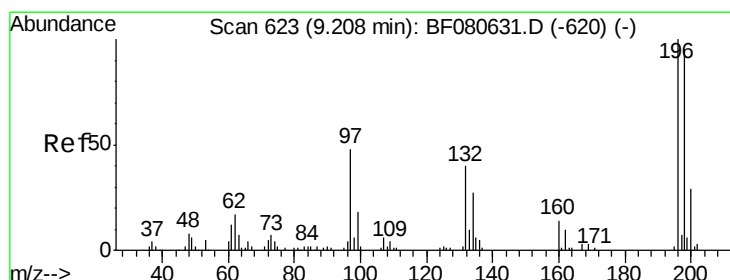
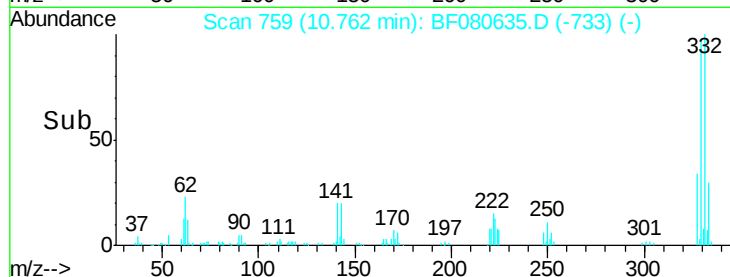
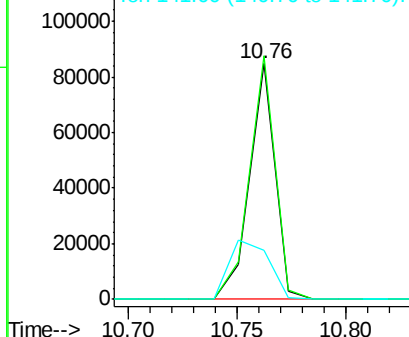
#41
 2,4,6-Tribromophenol
 Concen: 80.87 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:330 Resp: 68860
 Ion Ratio Lower Upper
 330 100
 332 104.3 76.7 115.1
 141 38.8 32.7 49.1

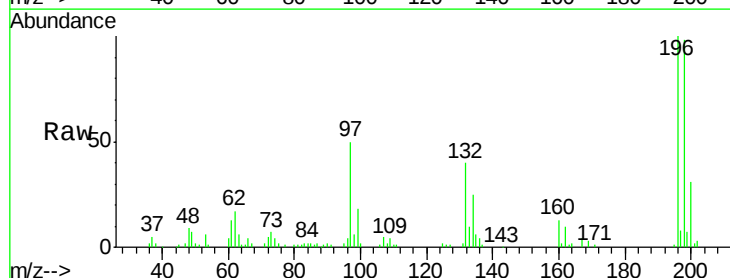


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

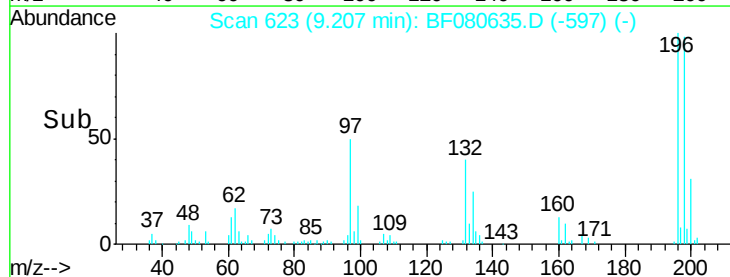
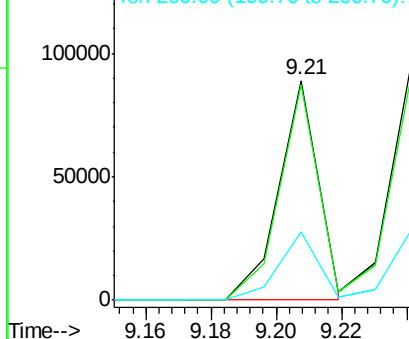


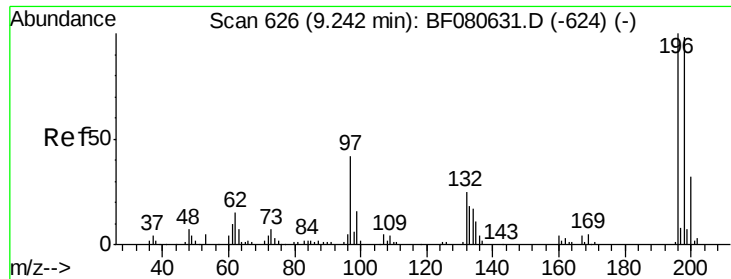
#42
 2,4,6-Trichlorophenol
 Concen: 40.07 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion:196 Resp: 74832
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.8 113.8
 200 30.9 23.5 35.3



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

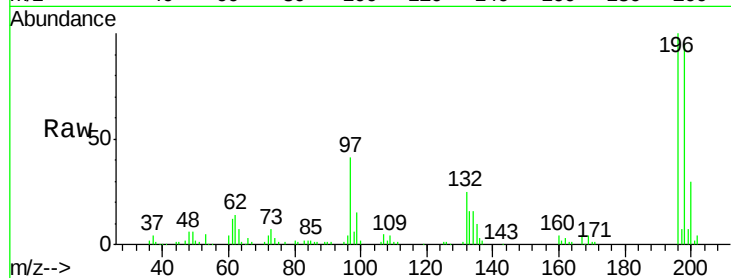




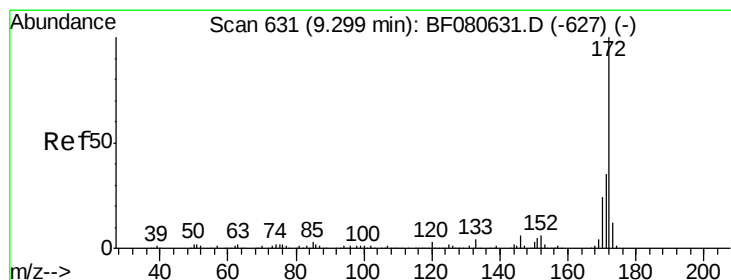
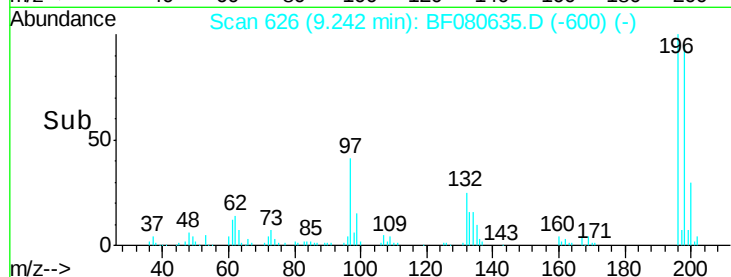
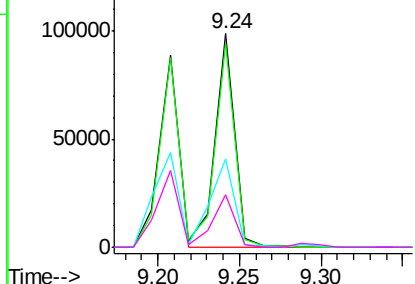
#43
 2,4,5-Trichlorophenol
 Concen: 41.83 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:196 Resp: 81818
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.3 117.5
 97 41.1 33.1 49.7
 132 24.8 19.8 29.8

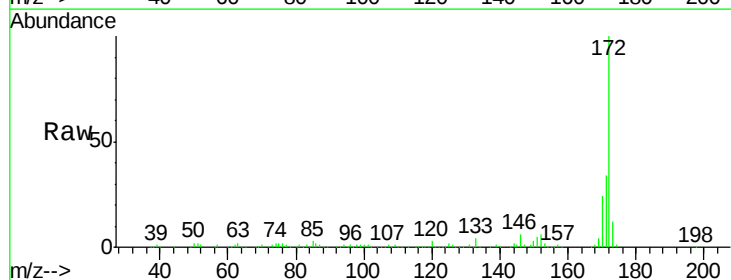


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

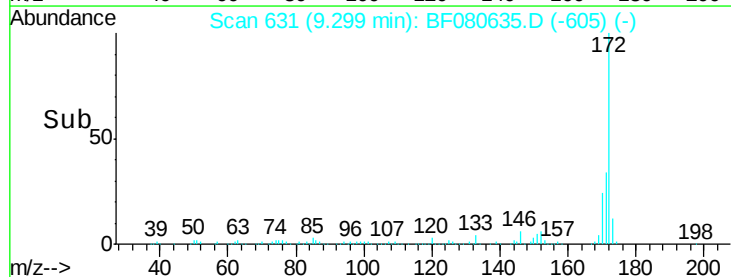
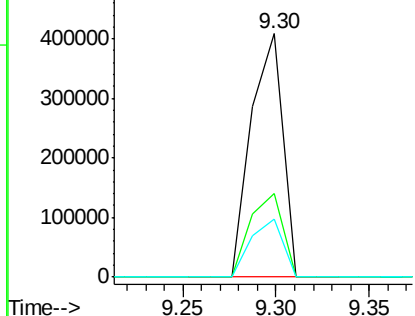


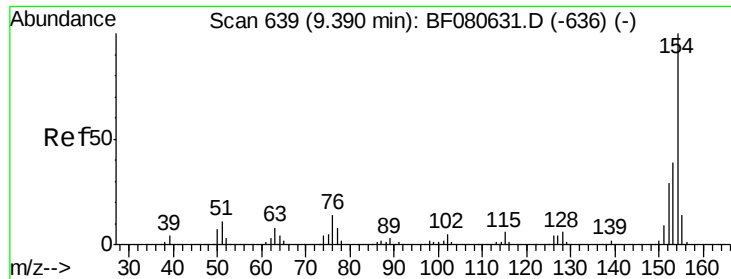
#44
 2-Fluorobiphenyl
 Concen: 77.97 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion:172 Resp: 478946
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.7 41.5
 170 23.6 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

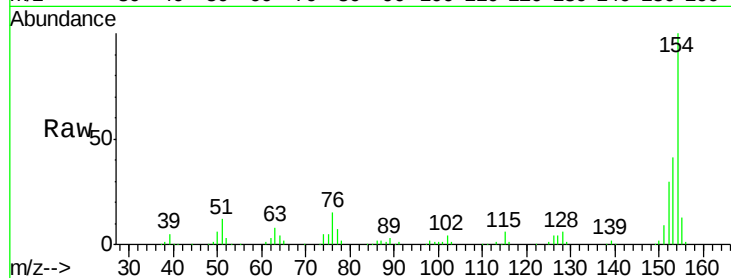




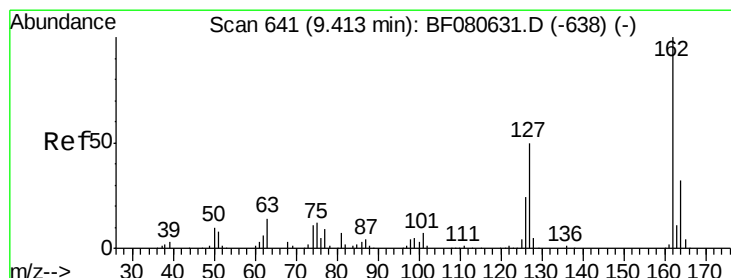
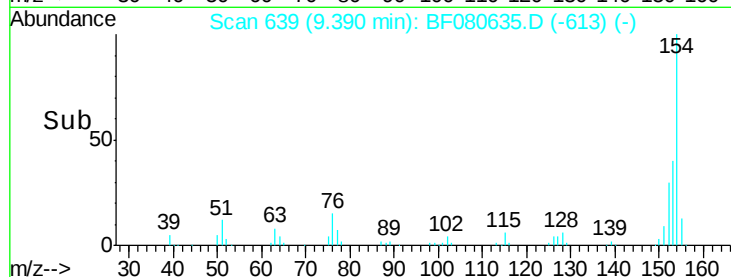
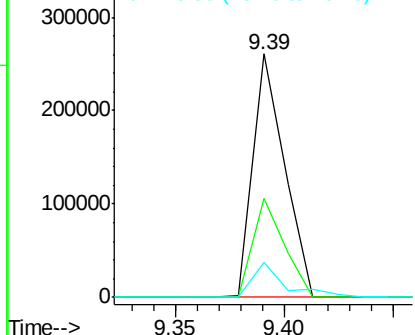
#45
 1,1'-Biphenyl
 Concen: 39.77 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:154 Resp: 263384
 Ion Ratio Lower Upper
 154 100
 153 40.6 19.4 59.4
 76 14.5 0.0 34.1

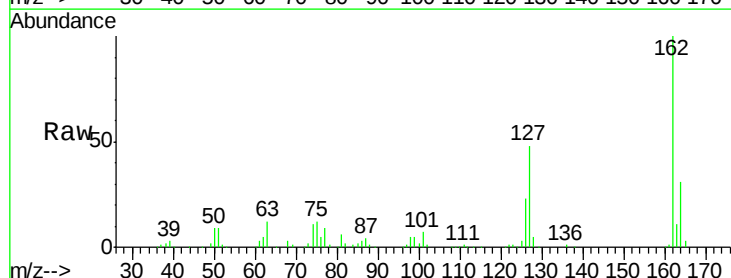


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

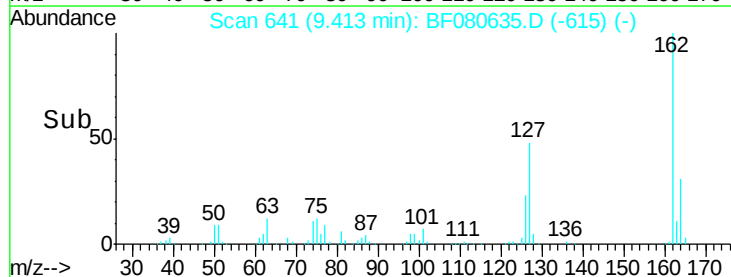
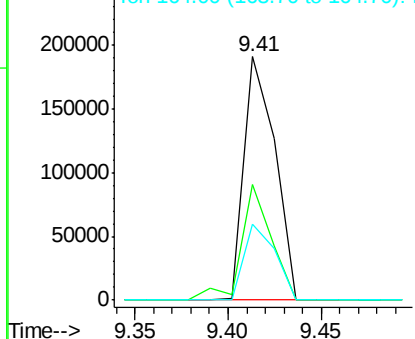


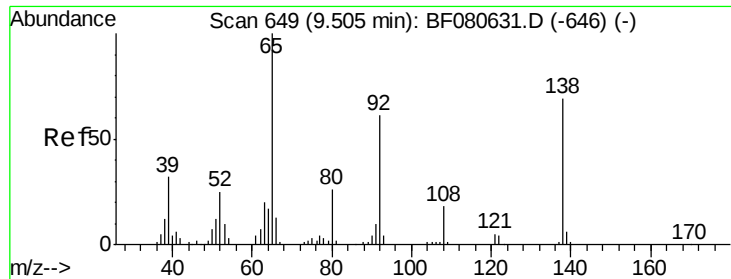
#46
 2-Chloronaphthalene
 Concen: 39.50 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion:162 Resp: 218761
 Ion Ratio Lower Upper
 162 100
 127 47.6 40.3 60.5
 164 31.4 25.6 38.4



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

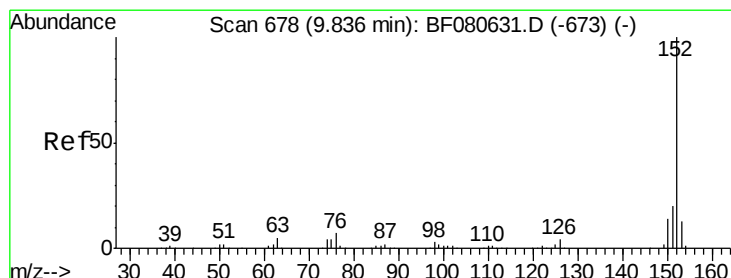
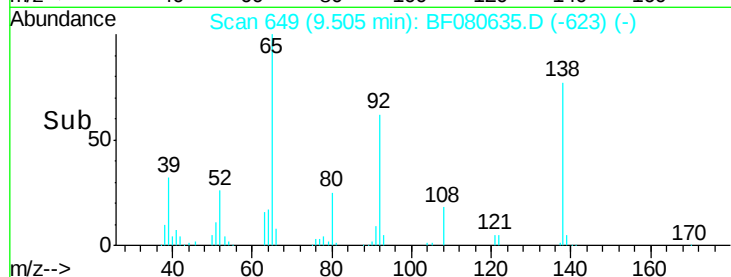
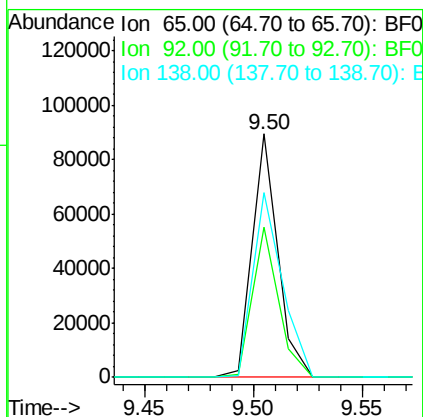
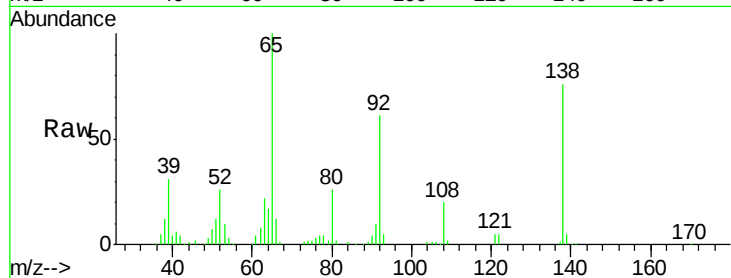




#47
2-Nitroaniline
Concen: 42.76 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

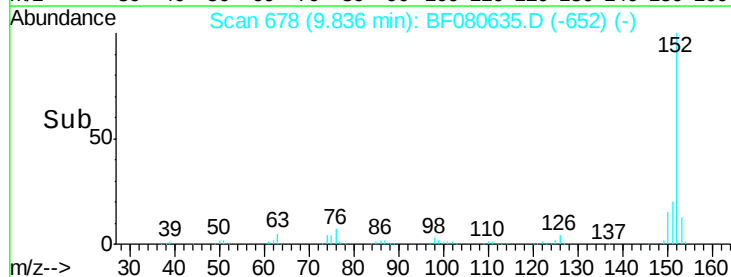
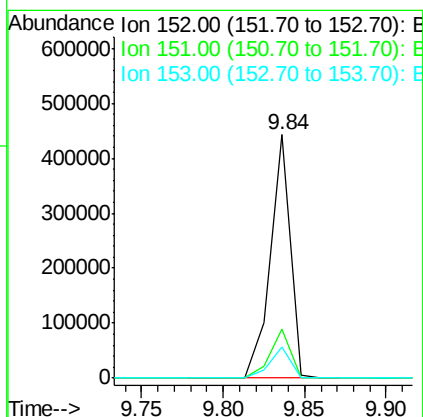
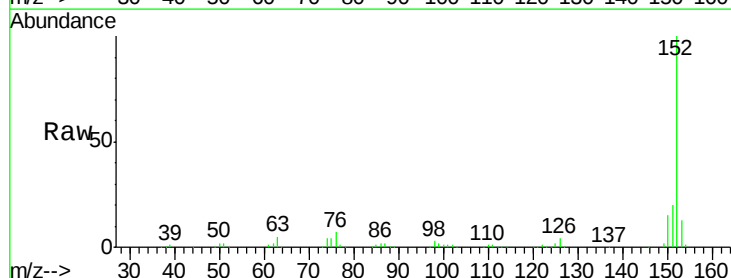
Instrument :
BNA_F
ClientSampleId :
ICVBF072415

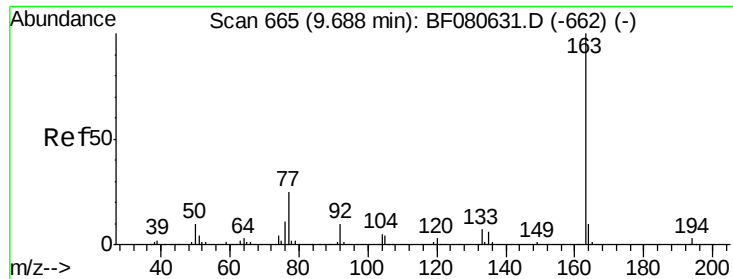
Tgt Ion: 65 Resp: 72620
Ion Ratio Lower Upper
65 100
92 61.5 48.7 73.1
138 76.0 55.4 83.2



#48
Acenaphthylene
Concen: 40.37 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion: 152 Resp: 378331
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.8 10.2 15.4

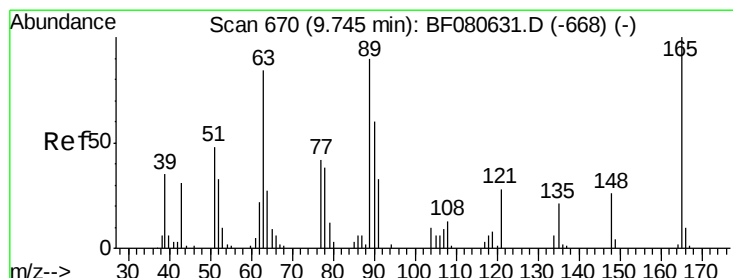
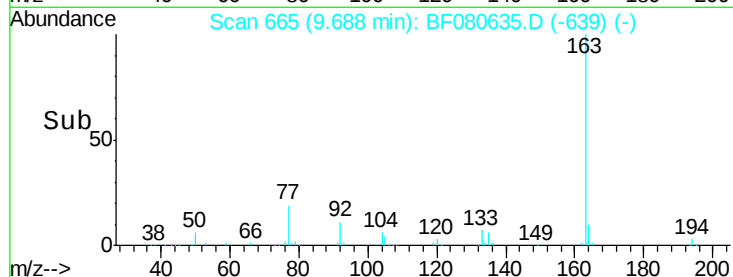
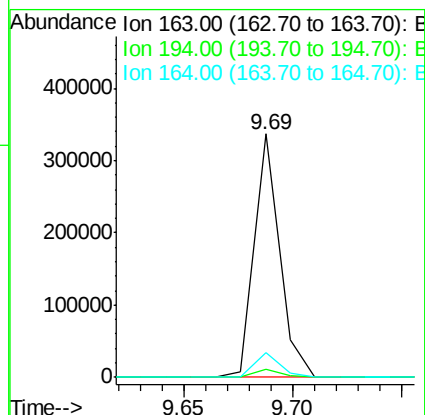
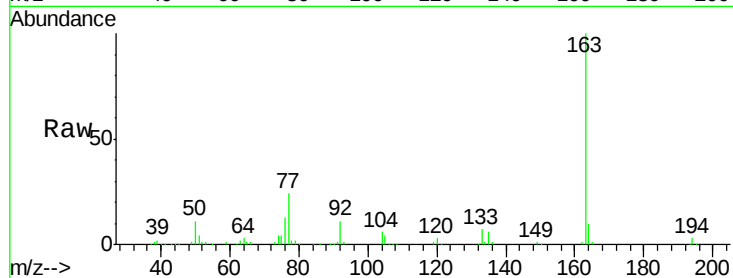




#49
Dimethylphthalate
Concen: 40.07 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

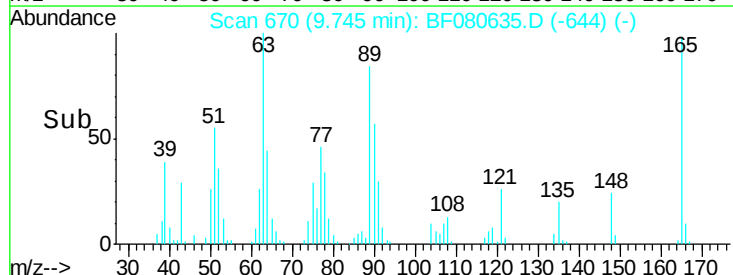
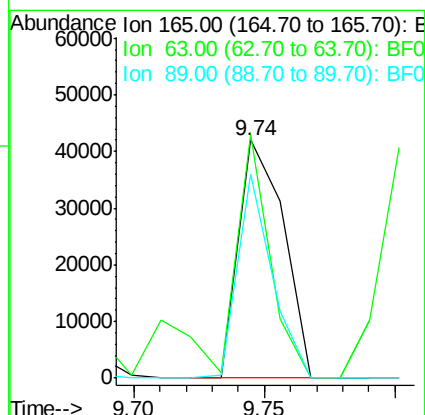
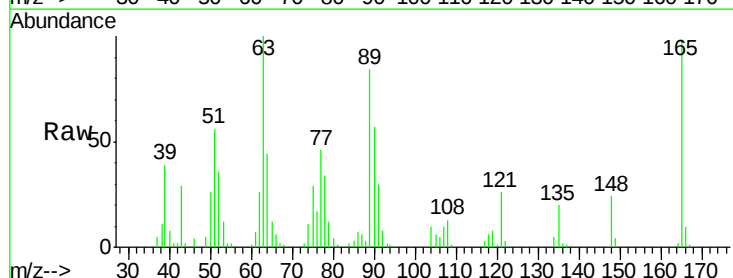
Instrument :
BNA_F
ClientSampleId :
ICVBF072415

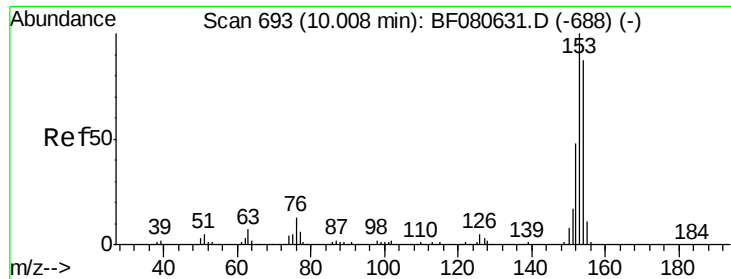
Tgt Ion:163 Resp: 271606
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 10.4 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 41.51 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion:165 Resp: 50233
Ion Ratio Lower Upper
165 100
63 102.3 84.0 126.0
89 85.5 71.7 107.5





#51

Acenaphthene

Concen: 41.89 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

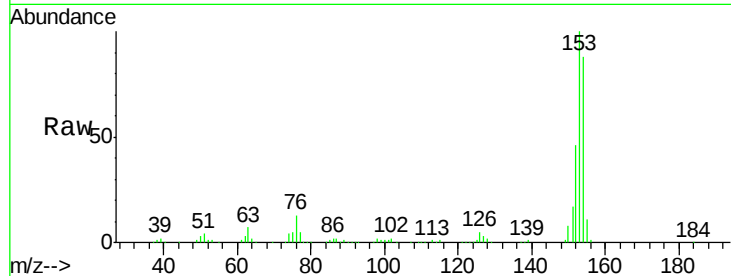
Tgt Ion:154 Resp: 238430

Ion Ratio Lower Upper

154 100

153 113.8 91.6 137.4

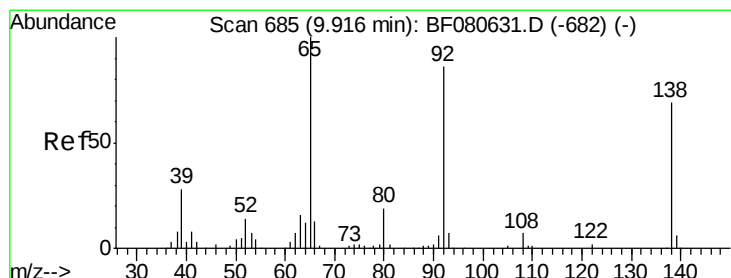
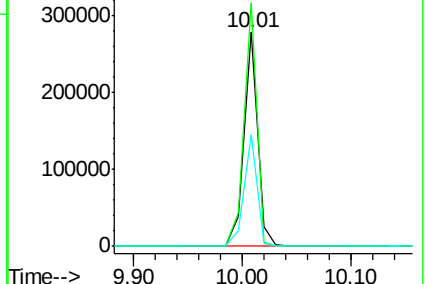
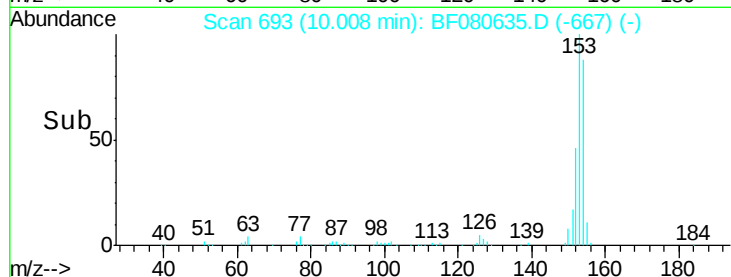
152 52.5 44.0 66.0



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: 45.50 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

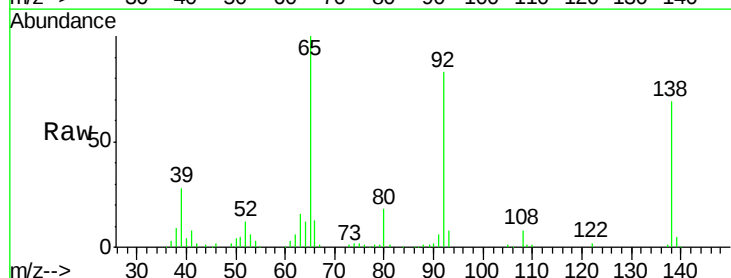
Tgt Ion:138 Resp: 65518

Ion Ratio Lower Upper

138 100

108 11.0 8.6 13.0

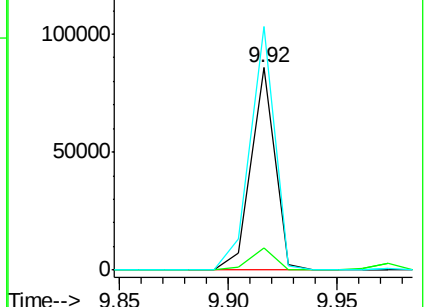
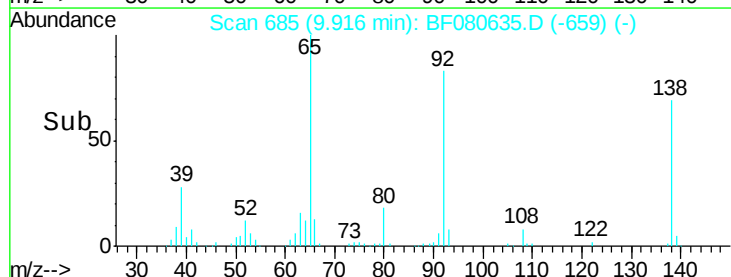
92 120.5 100.1 150.1

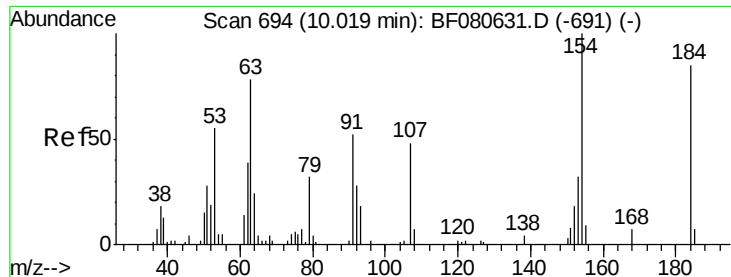


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

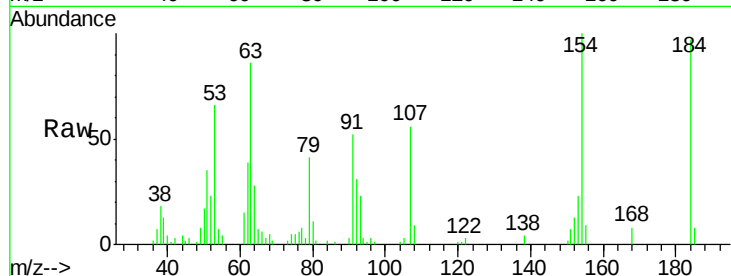




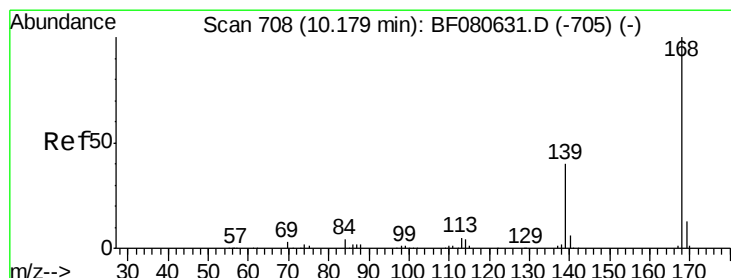
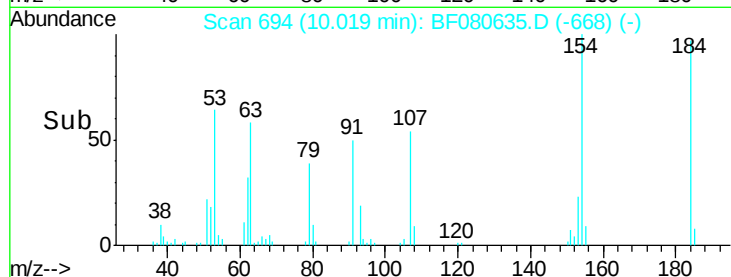
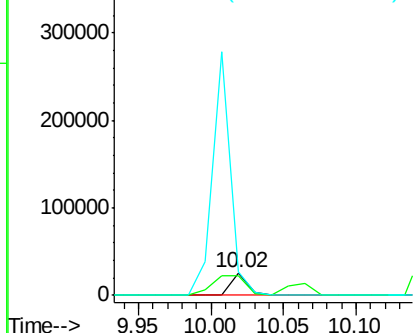
#53
2,4-Dinitrophenol
Concen: 41.77 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF072415

Tgt Ion:184 Resp: 21616
Ion Ratio Lower Upper
184 100
63 88.5 73.4 110.0
154 103.1 94.2 141.4

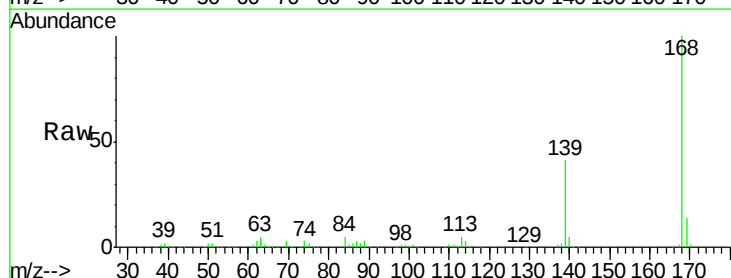


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

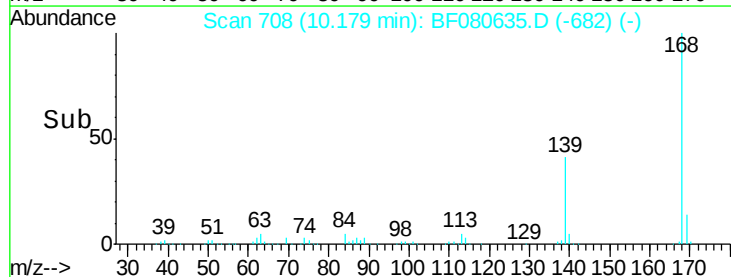
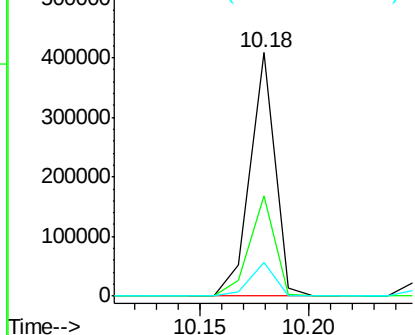


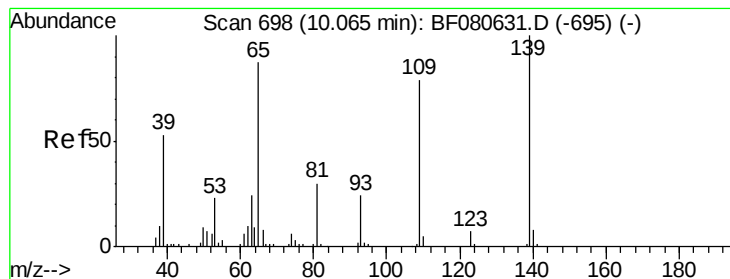
#54
Dibenzofuran
Concen: 40.17 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion:168 Resp: 326257
Ion Ratio Lower Upper
168 100
139 41.0 32.2 48.4
169 13.7 10.2 15.2



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: 41.37 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

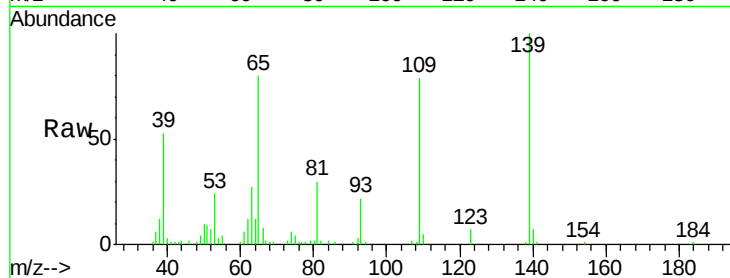
Tgt Ion:139 Resp: 47022

Ion Ratio Lower Upper

139 100

109 78.8 59.4 99.4

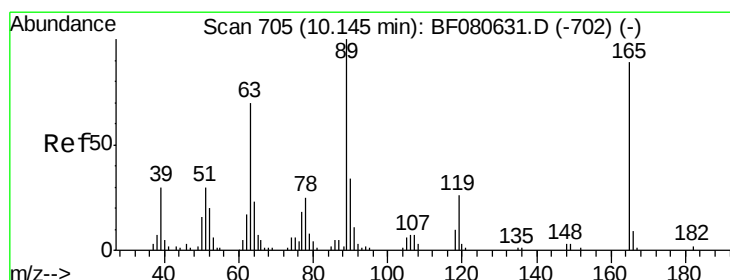
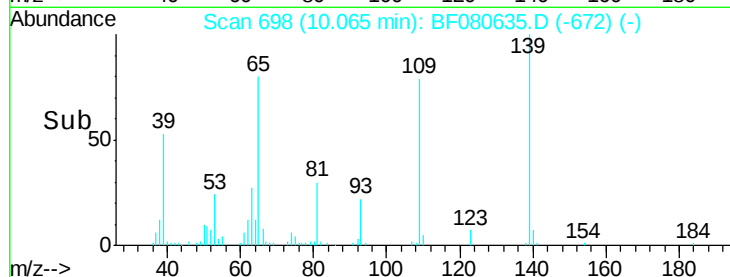
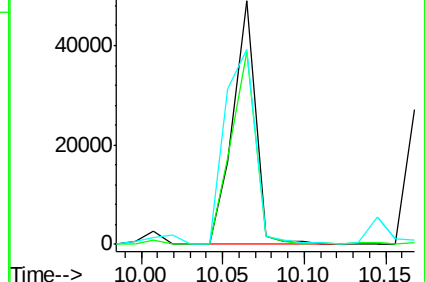
65 80.2 67.4 107.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.72 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Tgt Ion:165 Resp: 65144

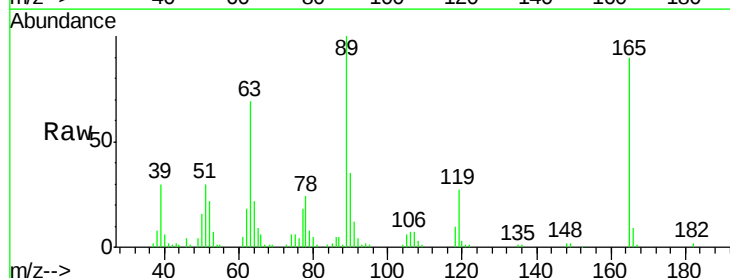
Ion Ratio Lower Upper

165 100

63 76.7 63.0 94.4

89 110.8 90.2 135.2

182 2.0 1.6 2.4

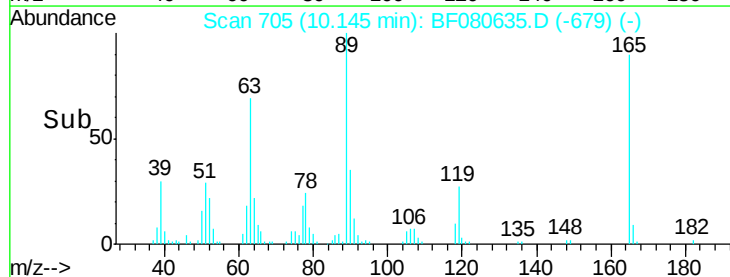
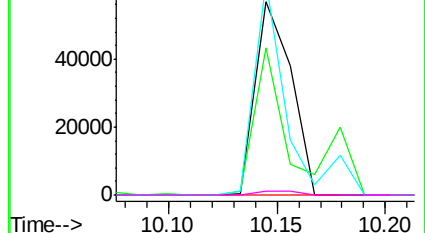


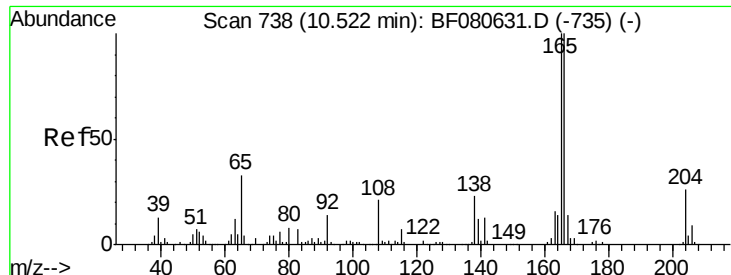
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.22 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

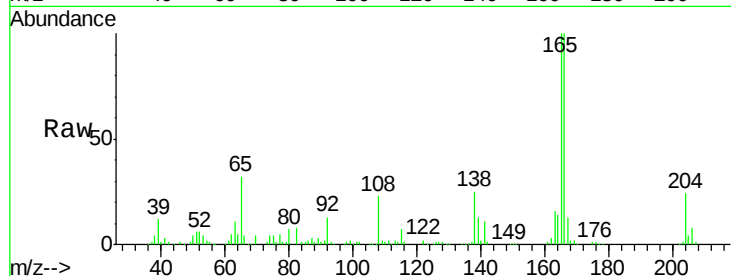
Tgt Ion:166 Resp: 263549

Ion Ratio Lower Upper

166 100

165 100.5 80.0 120.0

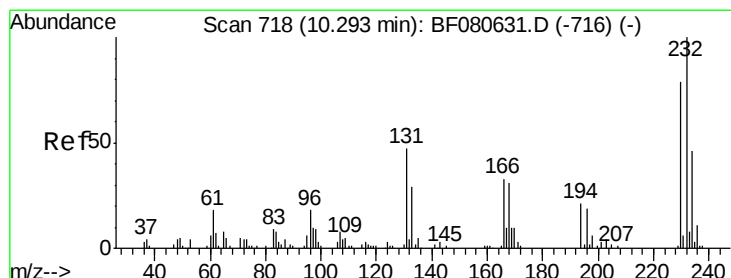
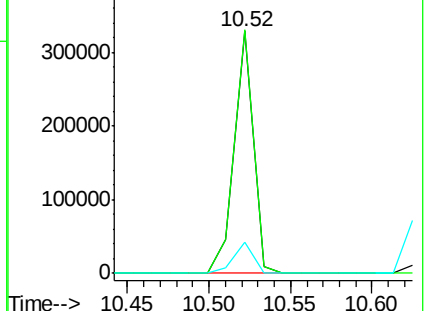
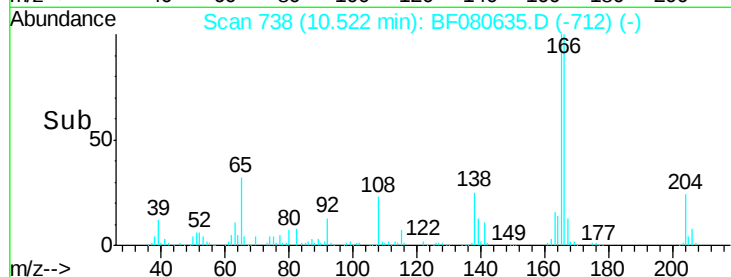
167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.51 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Tgt Ion:232 Resp: 64795

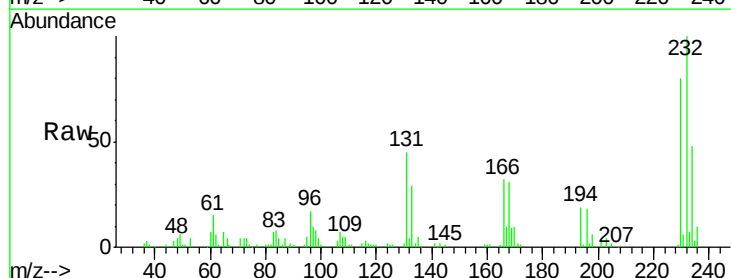
Ion Ratio Lower Upper

232 100

131 50.1 40.2 60.2

130 2.3 1.8 2.8

166 33.6 26.3 39.5

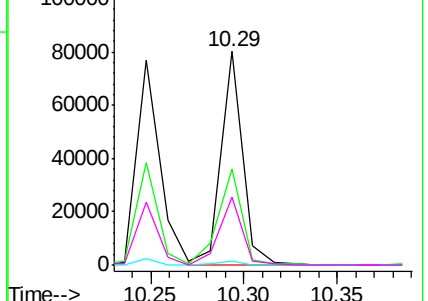
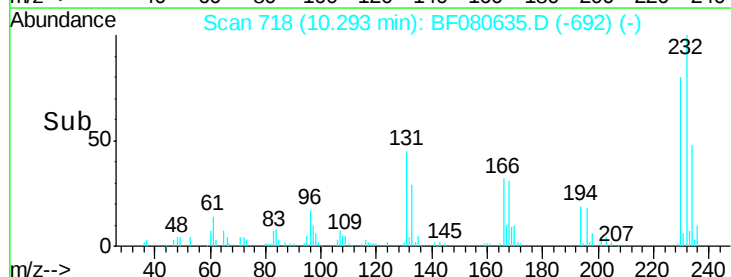


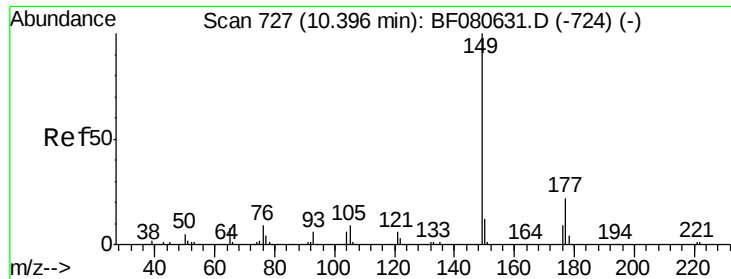
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

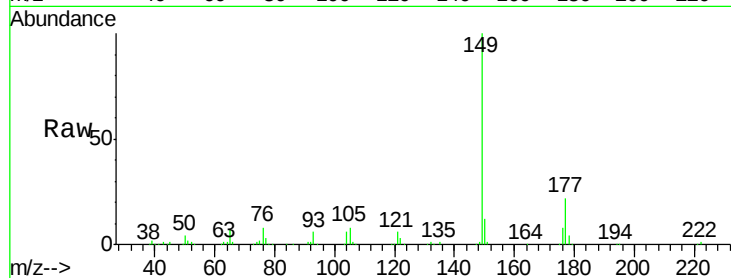




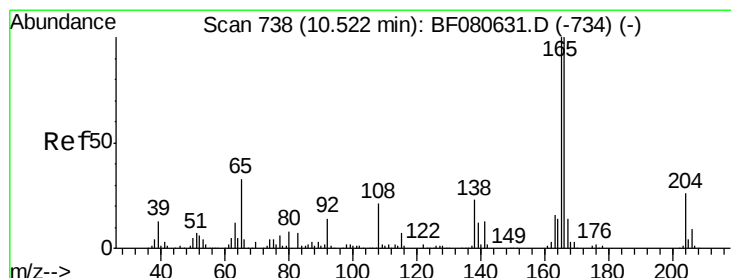
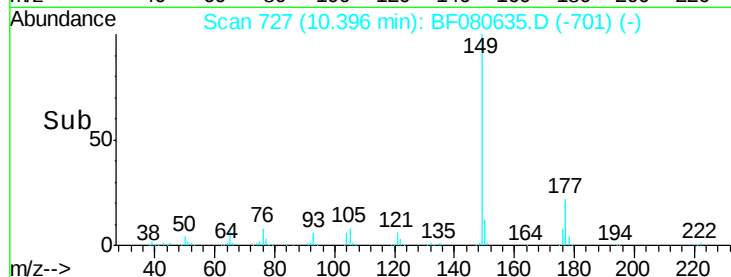
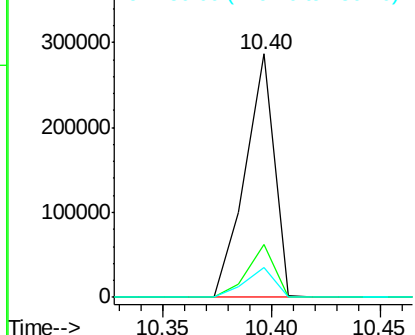
#59
Diethylphthalate
Concen: 39.53 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF072415

Tgt Ion:149 Resp: 266332
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.3 9.8 14.8

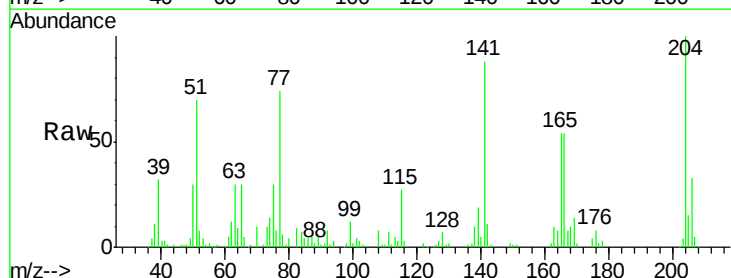


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

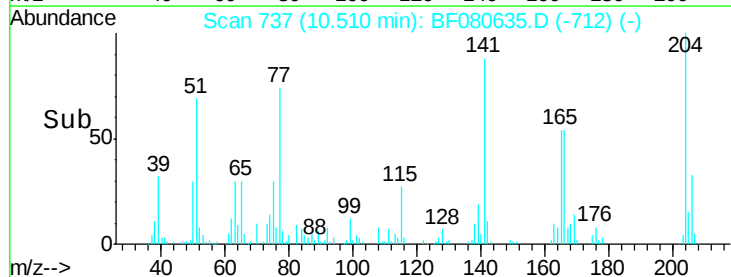
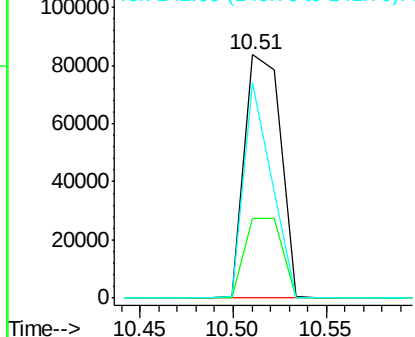


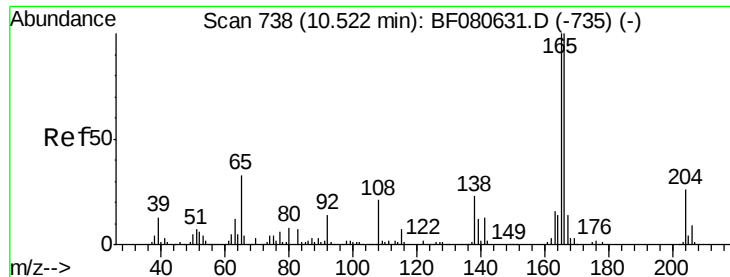
#60
4-Chlorophenyl-phenylether
Concen: 39.41 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion:204 Resp: 111988
Ion Ratio Lower Upper
204 100
206 32.9 28.6 43.0
141 88.5 41.0 61.6#



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: 45.87 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

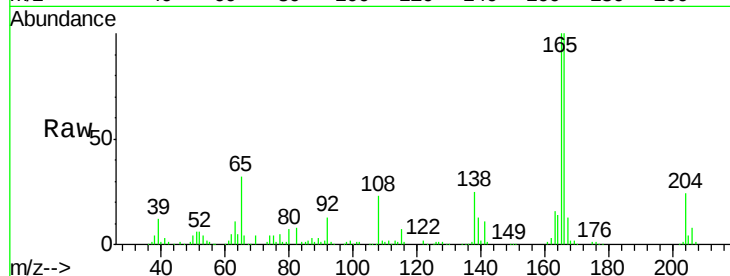
Tgt Ion:138 Resp: 64265

Ion Ratio Lower Upper

138 100

92 54.4 38.2 78.2

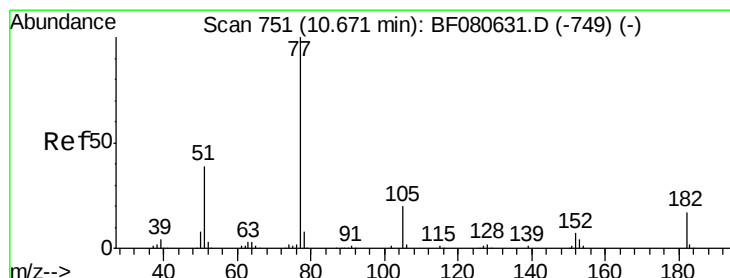
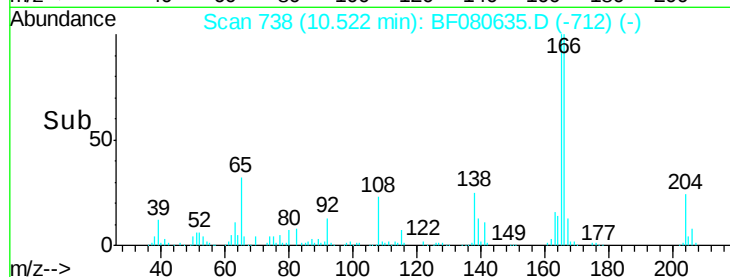
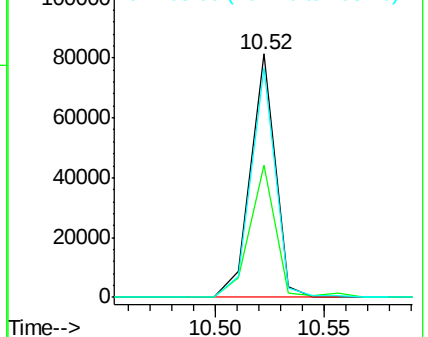
108 94.3 70.7 110.7



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: 40.46 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Tgt Ion: 77 Resp: 260947

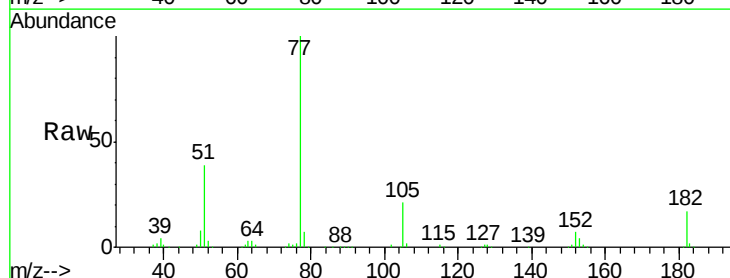
Ion Ratio Lower Upper

77 100

182 16.6 0.0 36.7

105 20.6 0.0 39.6

51 38.7 18.7 58.7

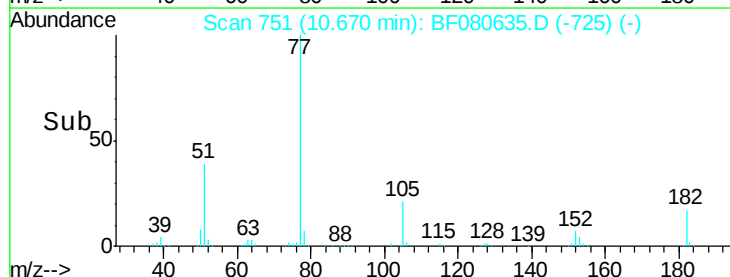
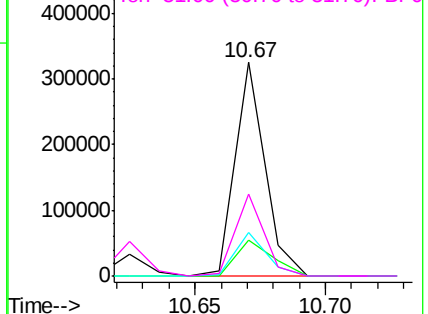


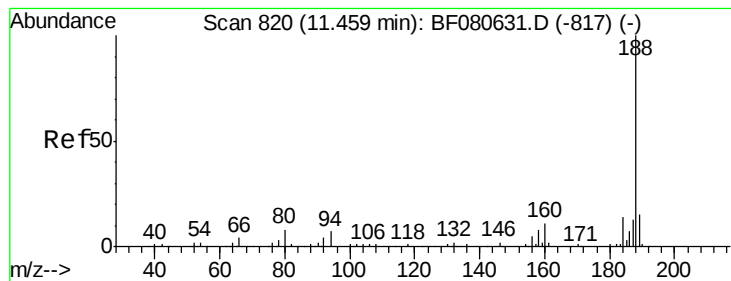
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

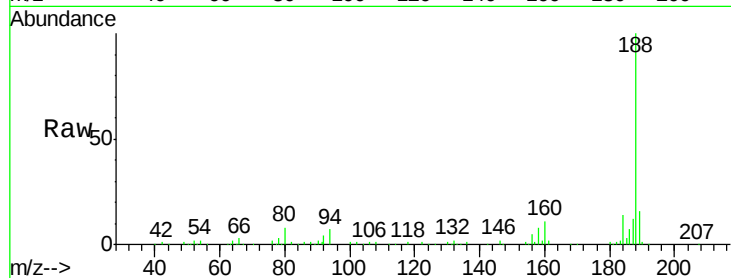
Tgt Ion:188 Resp: 165352

Ion Ratio Lower Upper

188 100

94 7.3 5.6 8.4

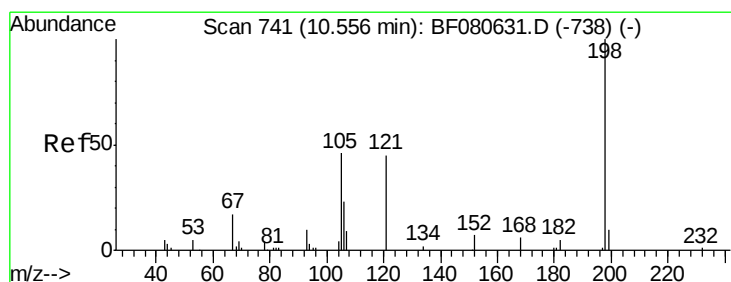
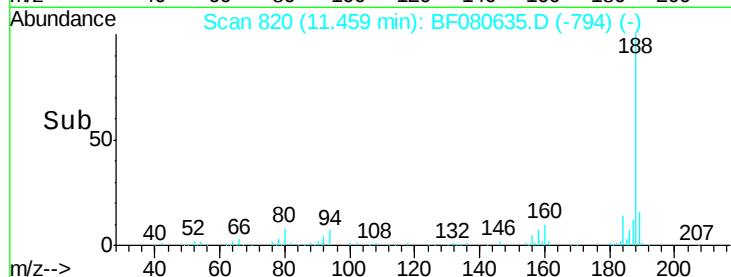
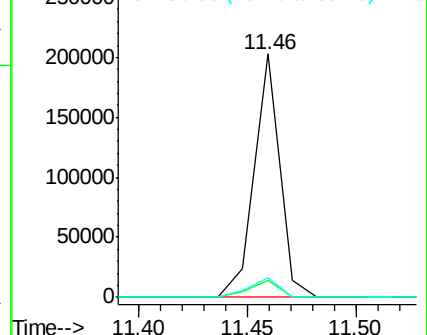
80 8.2 6.1 9.1



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: 42.33 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

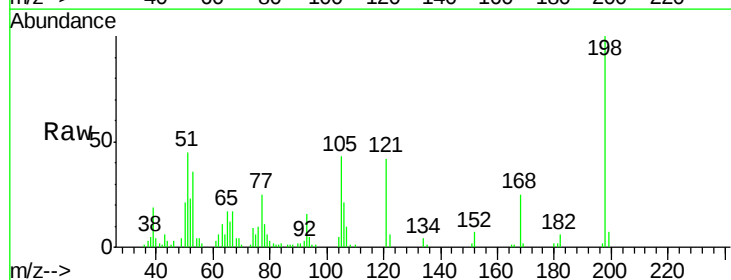
Tgt Ion:198 Resp: 36027

Ion Ratio Lower Upper

198 100

51 45.5 31.1 71.1

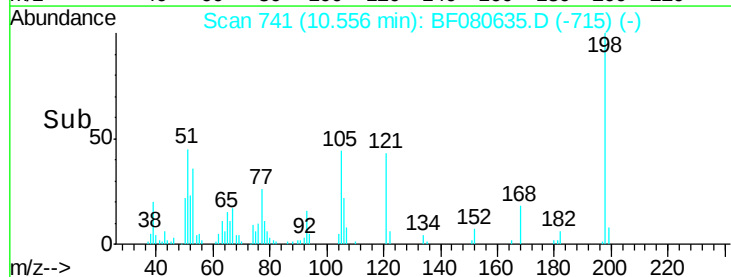
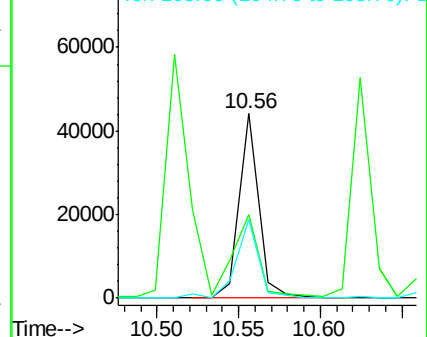
105 42.6 28.6 68.6

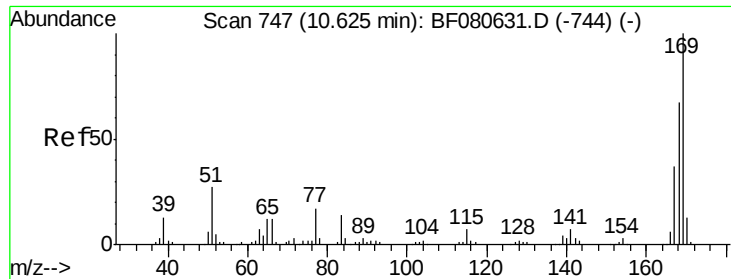


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

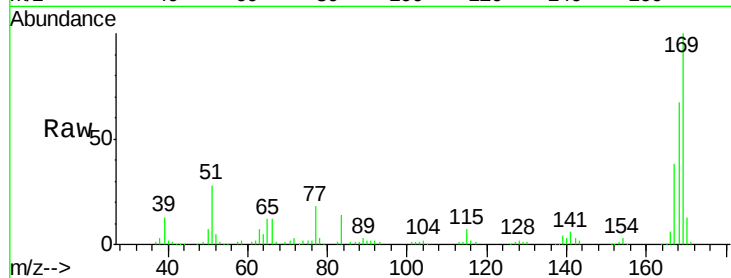




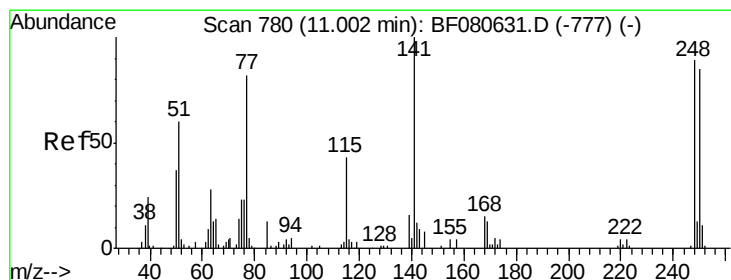
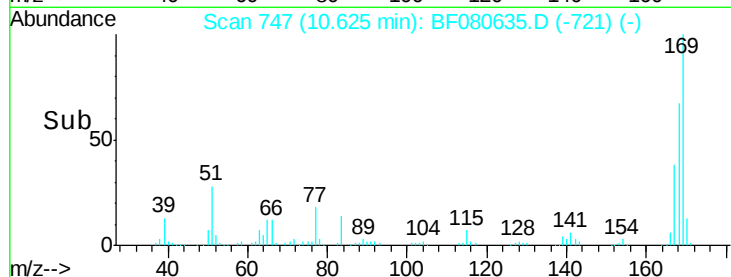
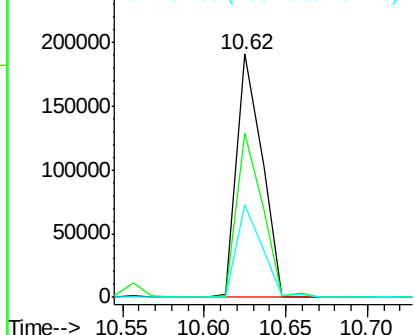
#65
 n-Nitrosodiphenylamine
 Concen: 40.20 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:169 Resp: 203696
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.2
 167 37.9 29.4 44.0

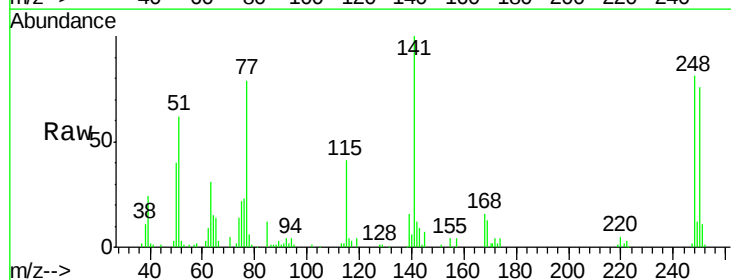


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

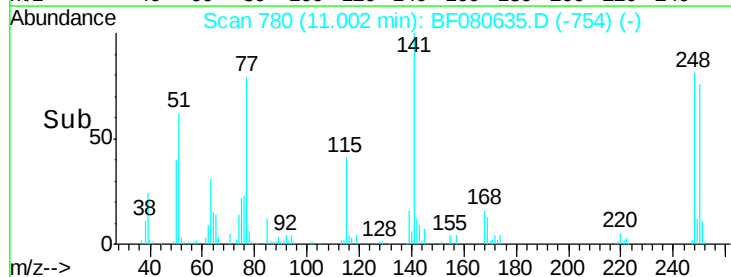
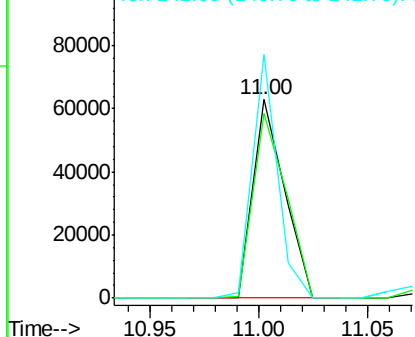


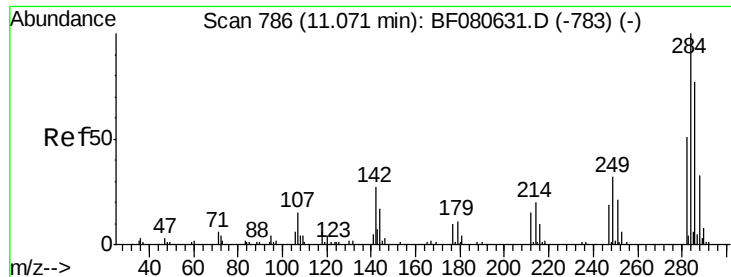
#66
 4-Bromophenyl-phenylether
 Concen: 40.81 ng
 RT: 11.00 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion:248 Resp: 63576
 Ion Ratio Lower Upper
 248 100
 250 92.8 76.6 114.8
 141 122.8 90.0 135.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

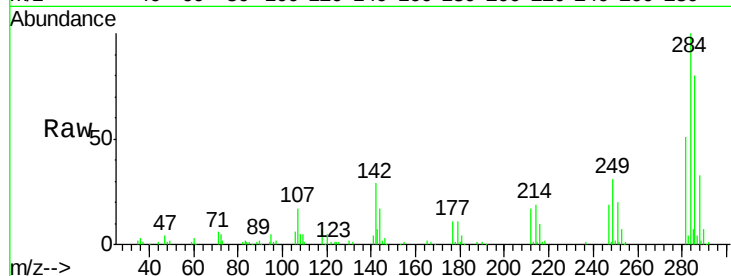




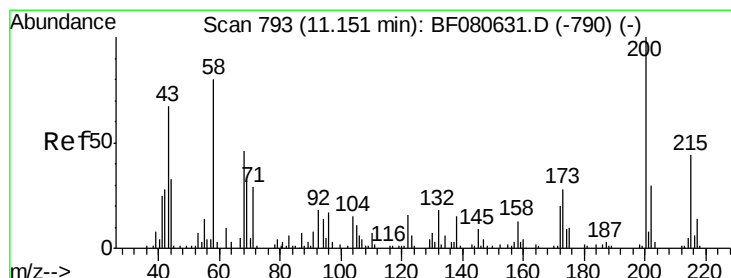
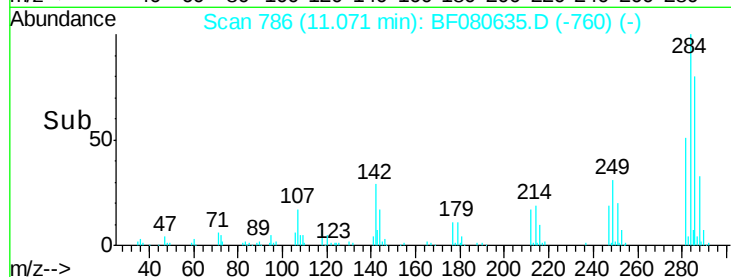
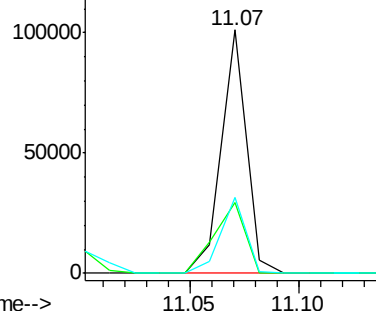
#67
Hexachlorobenzene
Concen: 42.75 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF072415

Tgt Ion: 284 Resp: 81124
Ion Ratio Lower Upper
284 100
142 29.2 21.2 31.8
249 31.4 25.9 38.9

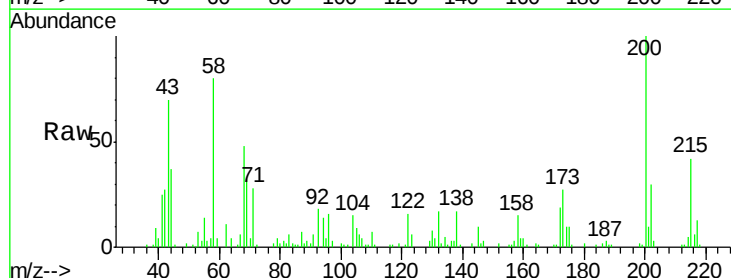


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

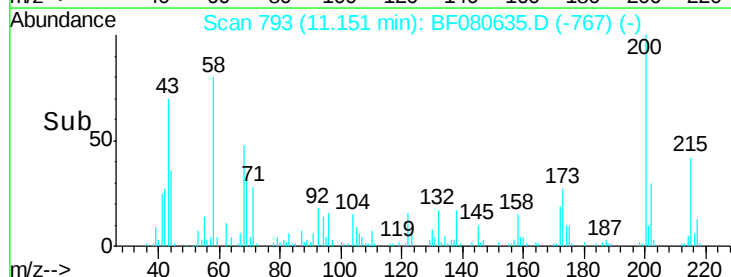
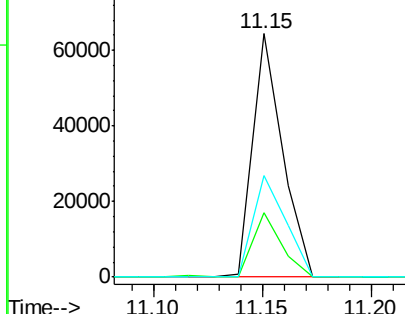


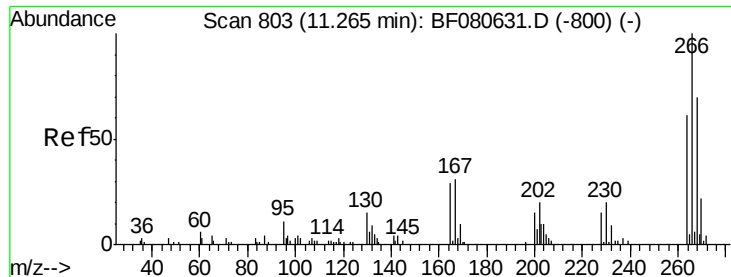
#68
Atrazine
Concen: 41.68 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion: 200 Resp: 61381
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 41.8 24.1 64.1



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

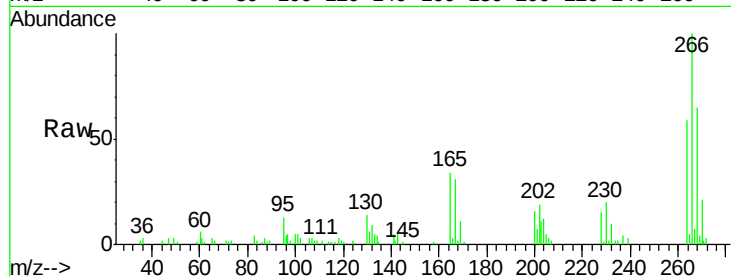




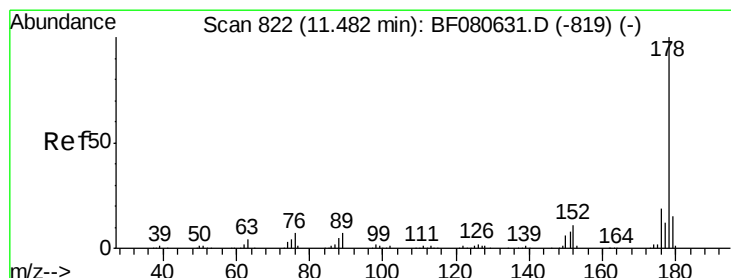
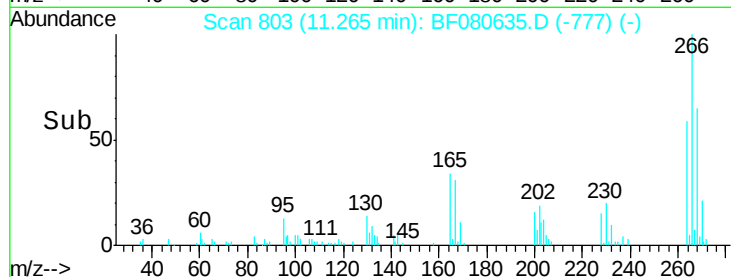
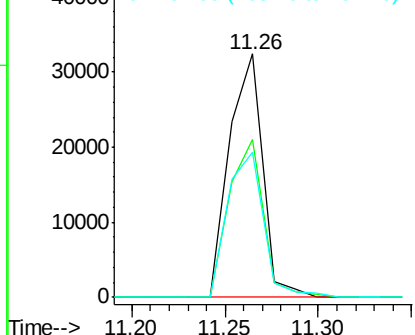
#69
 Pentachlorophenol
 Concen: 42.83 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion:266 Resp: 40541
 Ion Ratio Lower Upper
 266 100
 268 65.1 55.6 83.4
 264 59.5 48.7 73.1

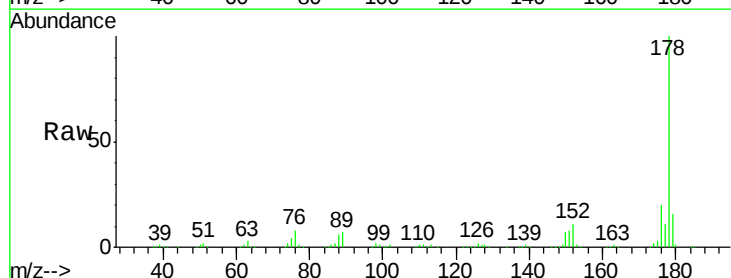


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

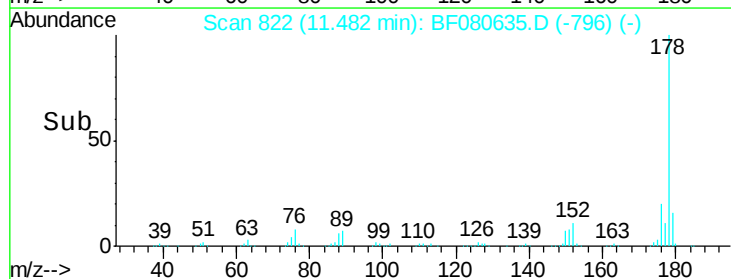
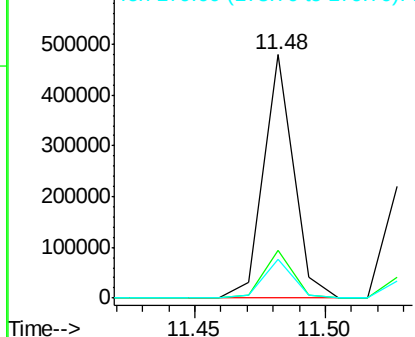


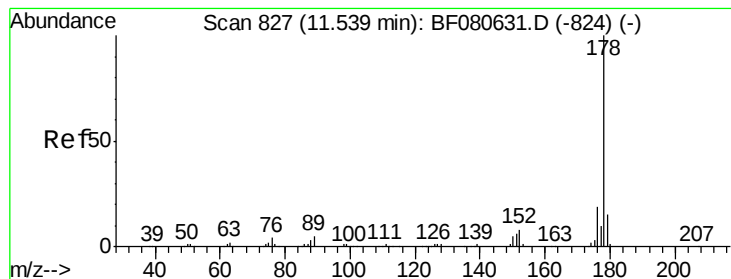
#70
 Phenanthrene
 Concen: 41.63 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion:178 Resp: 379953
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.5 23.3
 179 15.8 11.8 17.8



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: 40.38 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

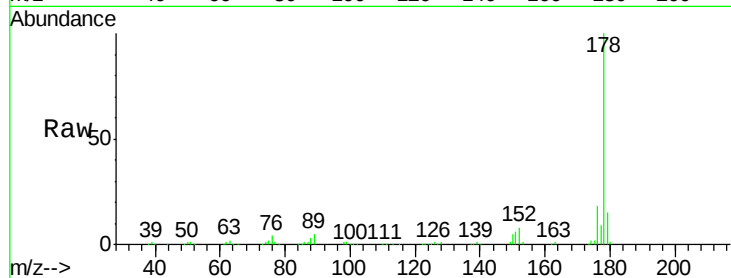
Tgt Ion:178 Resp: 355479

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

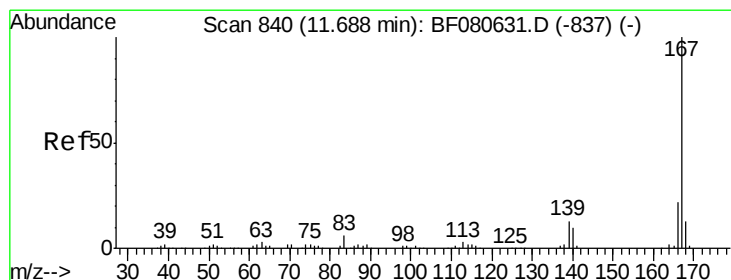
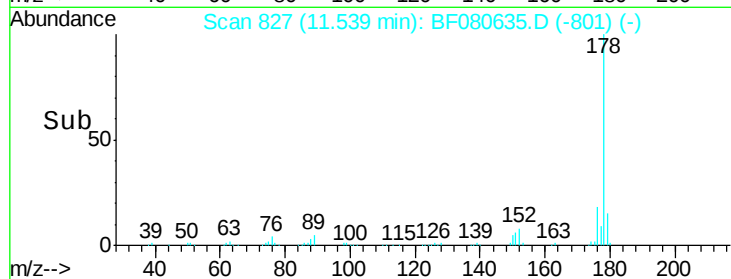
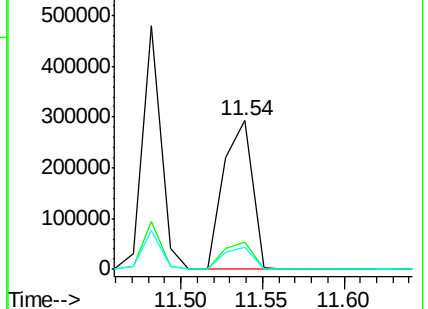
179 15.0 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.42 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

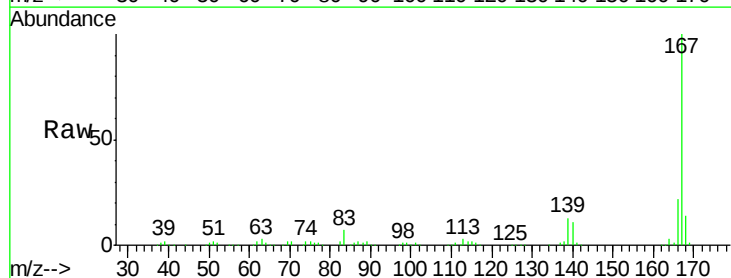
Tgt Ion:167 Resp: 346232

Ion Ratio Lower Upper

167 100

166 22.5 17.9 26.9

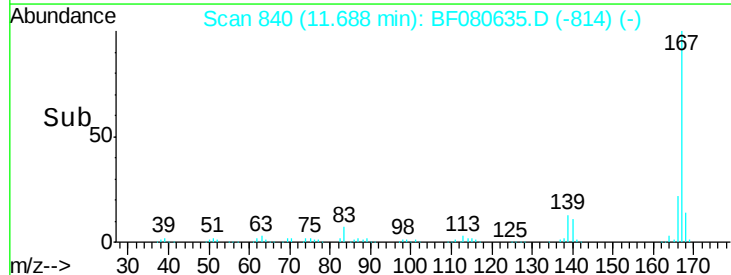
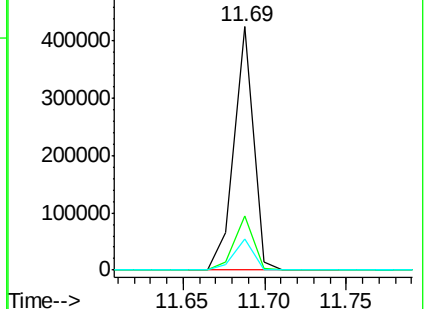
139 12.9 10.6 15.8

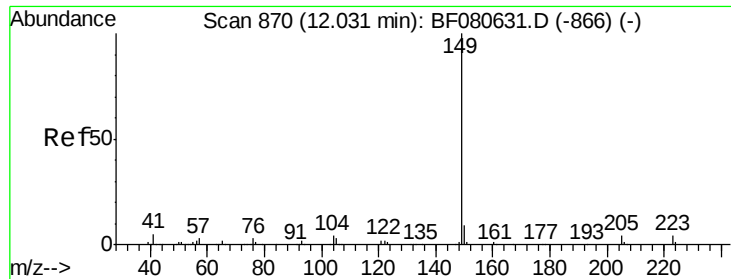


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

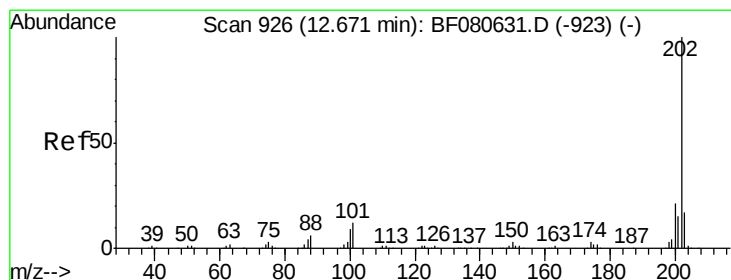
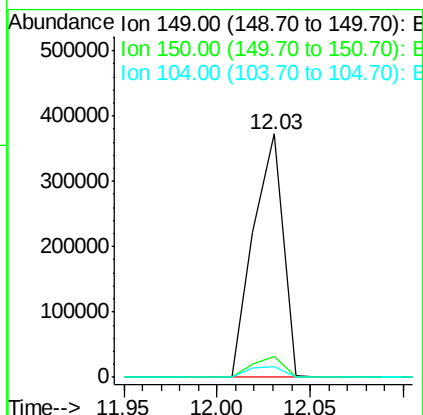
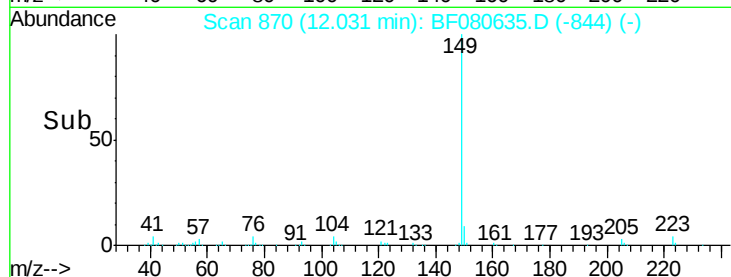
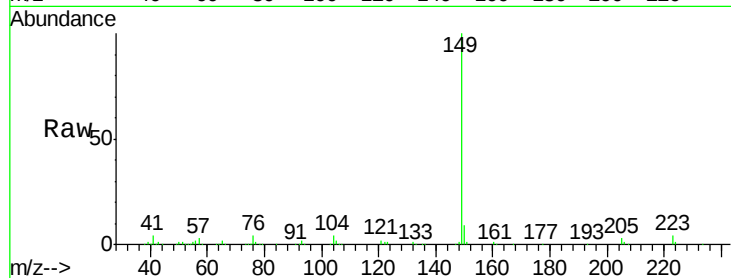




#73
Di-n-butylphthalate
Concen: 41.50 ng
RT: 12.03 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

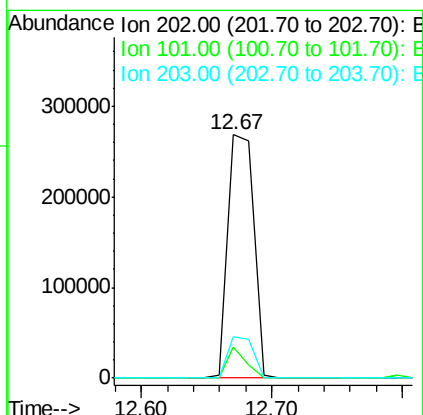
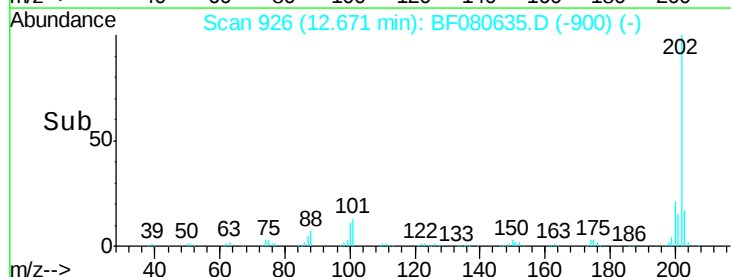
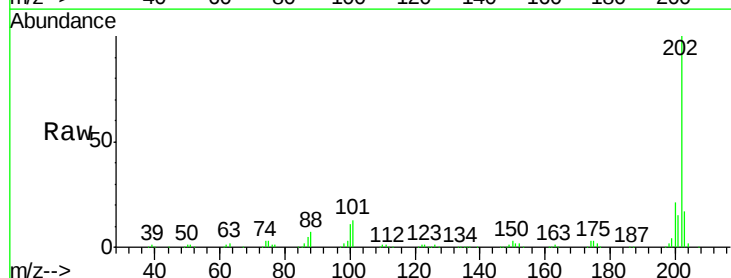
Instrument :
BNA_F
ClientSampleId :
ICVBF072415

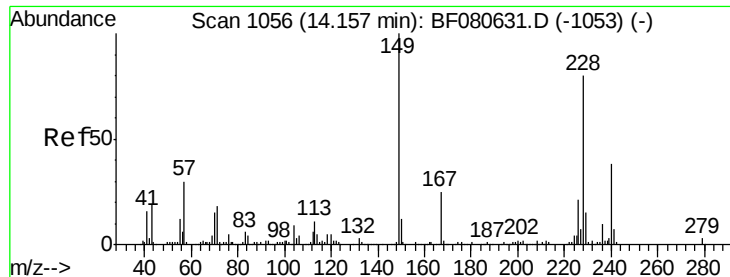
Tgt Ion:149 Resp: 409912
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 4.2 3.5 5.3



#74
Fluoranthene
Concen: 41.87 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion:202 Resp: 369329
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.0
203 16.8 0.0 37.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1059

Delta R.T. 0.03 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

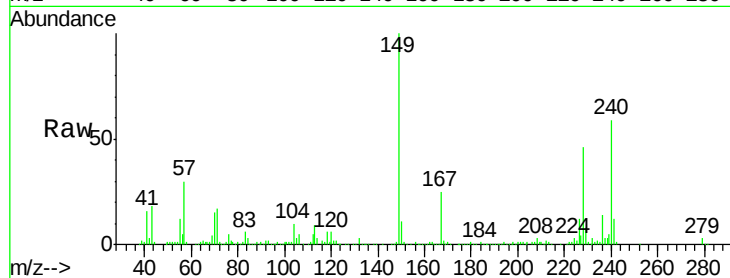
Tgt Ion:240 Resp: 161647

Ion Ratio Lower Upper

240 100

120 9.5 10.8 16.2#

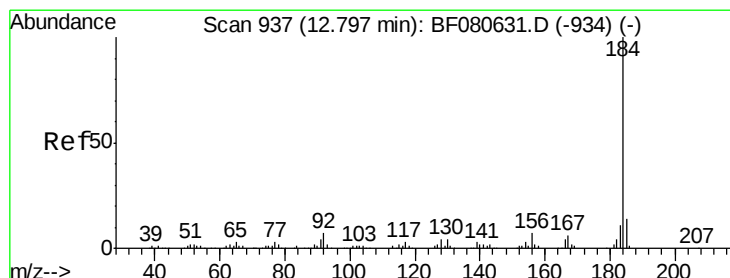
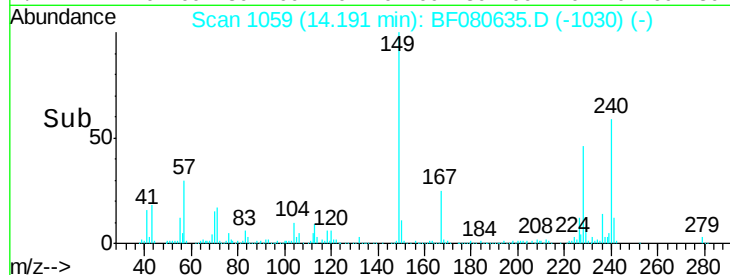
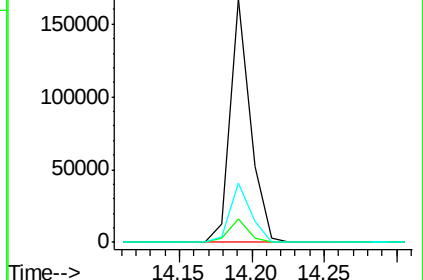
236 24.3 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.40 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

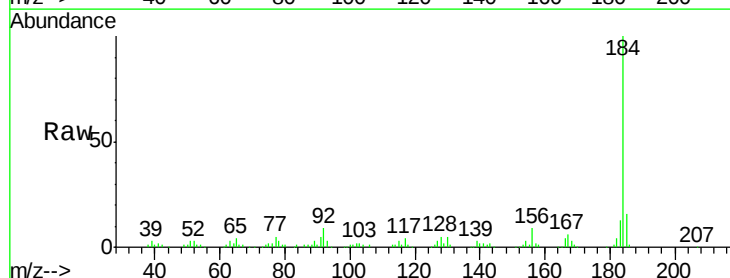
Tgt Ion:184 Resp: 205504

Ion Ratio Lower Upper

184 100

185 16.0 11.4 17.0

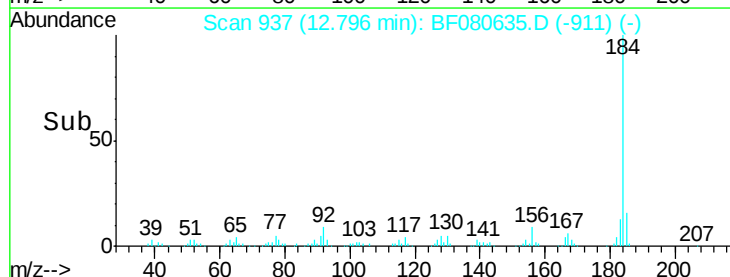
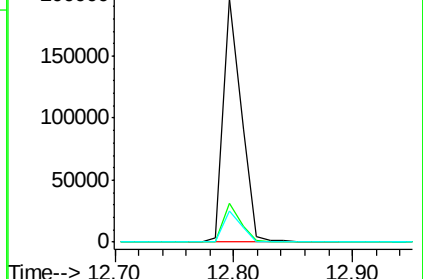
183 12.8 9.0 13.6

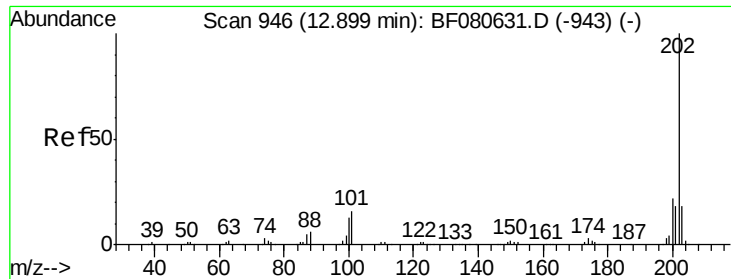


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

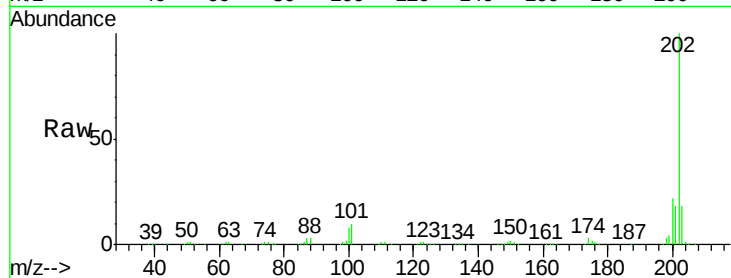




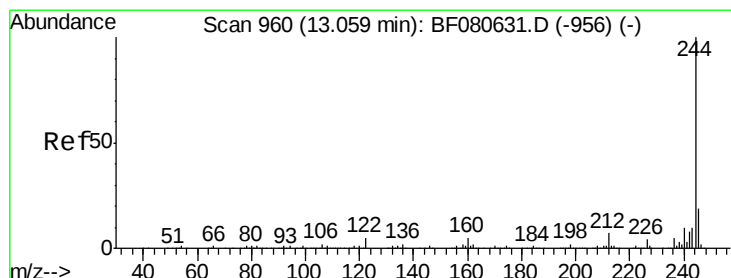
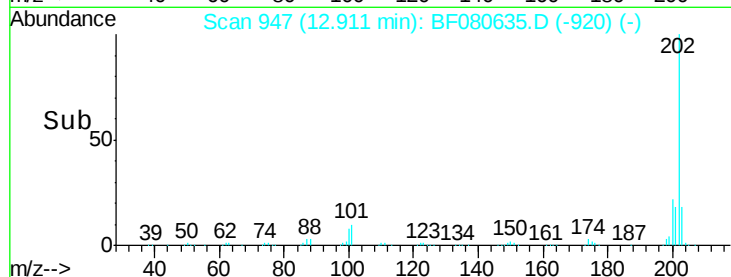
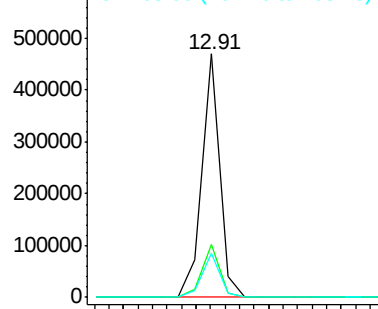
#77
 Pyrene
 Concen: 39.59 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

Tgt Ion: 202 Resp: 400778
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.0
 203 17.8 14.6 22.0

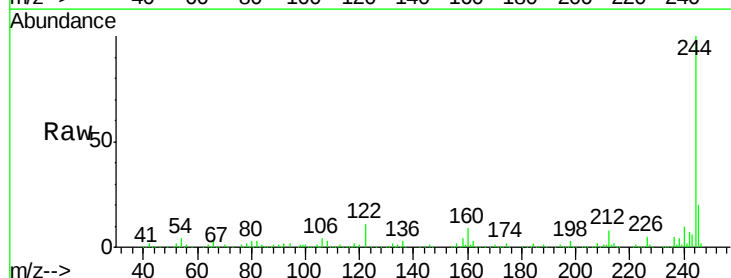


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

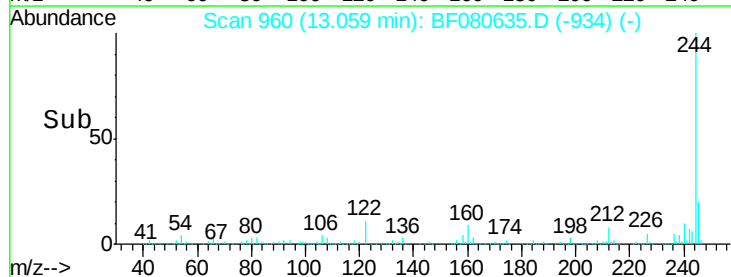
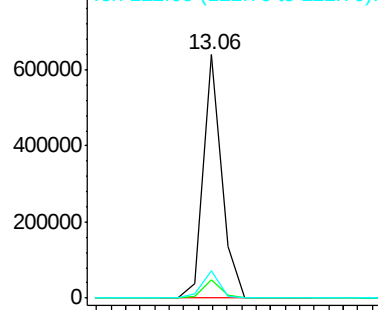


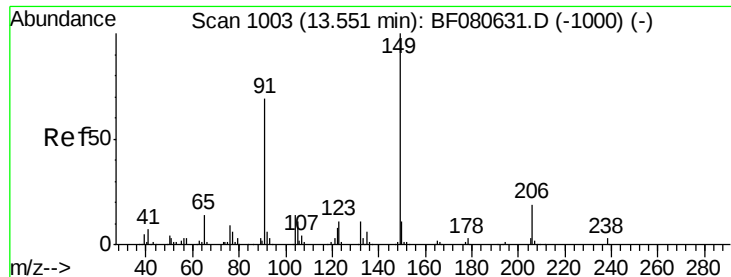
#78
 Terphenyl-d14
 Concen: 74.51 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion: 244 Resp: 559373
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.2 7.8
 122 11.2 4.1 6.1#



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





#79

Butylbenzylphthalate

Concen: 38.96 ng

RT: 13.56 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

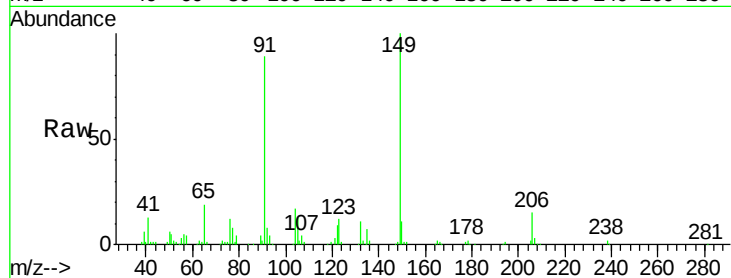
Tgt Ion:149 Resp: 170610

Ion Ratio Lower Upper

149 100

91 88.5 55.0 82.4#

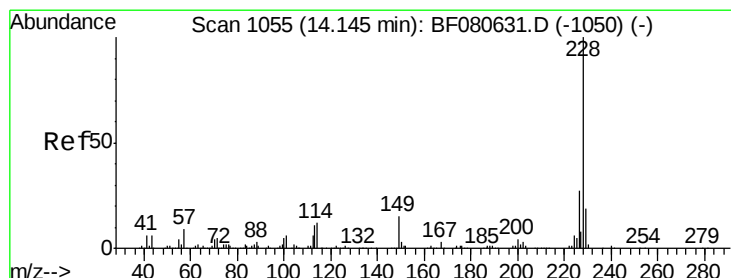
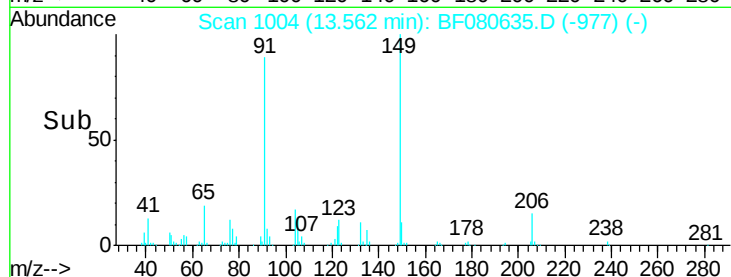
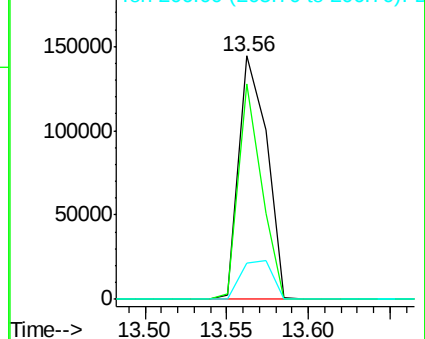
206 14.8 15.0 22.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.74 ng

RT: 14.18 min Scan# 1058

Delta R.T. 0.03 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

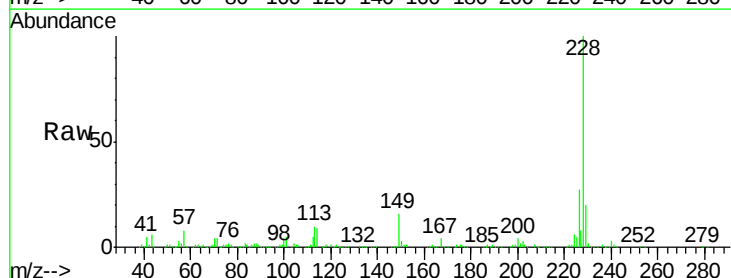
Tgt Ion:228 Resp: 376904

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

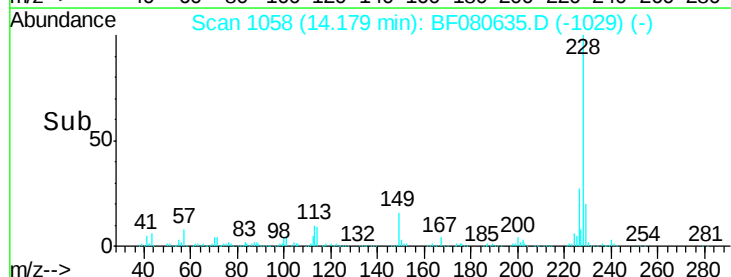
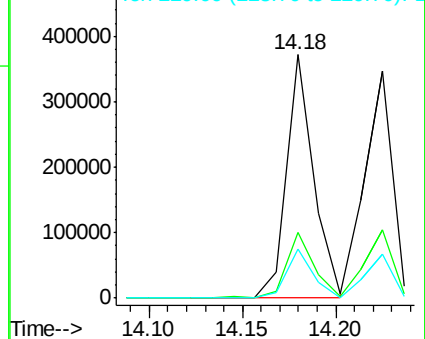
229 20.0 15.4 23.0

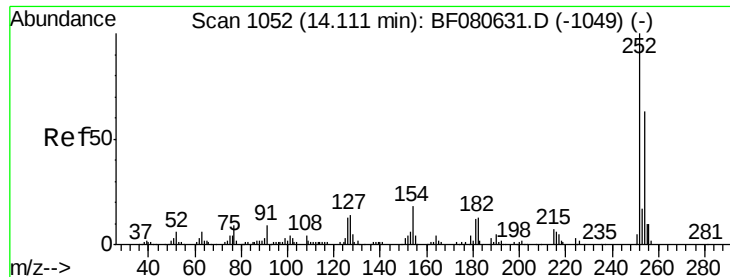


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

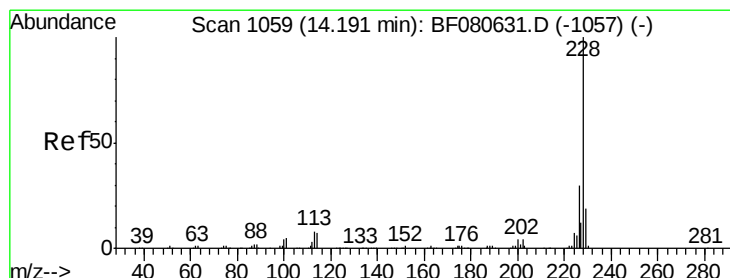
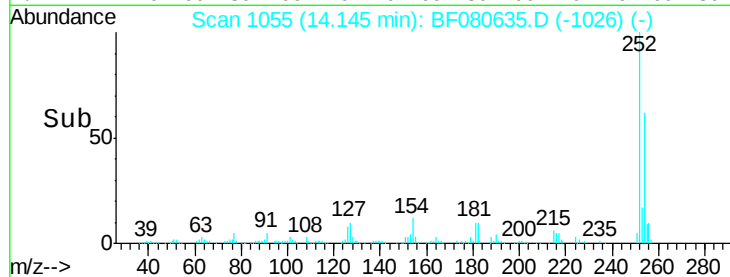
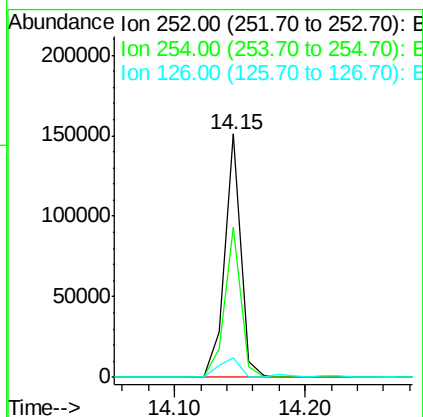
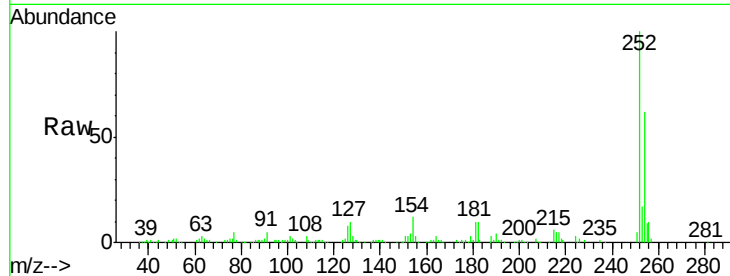




#81
 3,3'-Dichlorobenzidine
 Concen: 42.55 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. 0.03 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

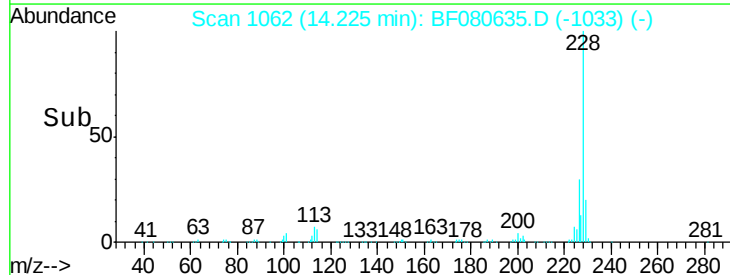
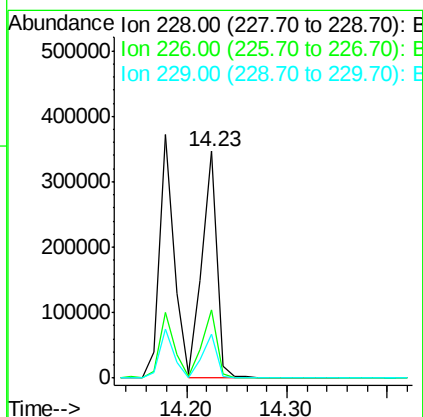
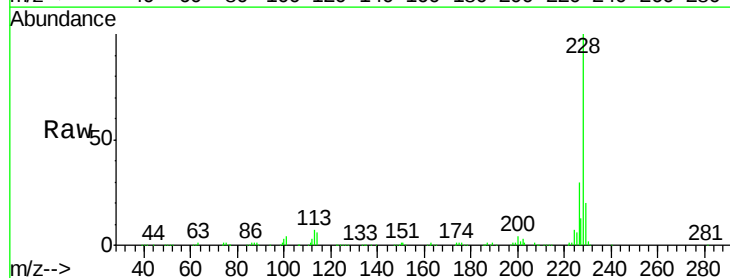
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

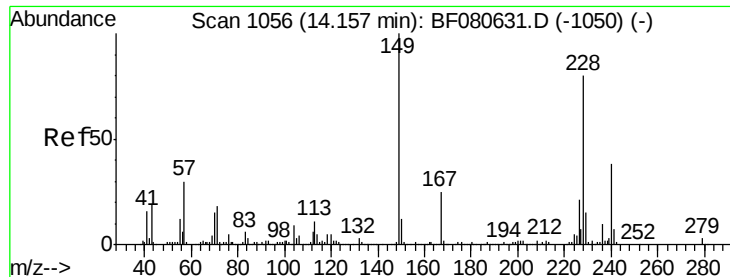
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	50.4	75.6
126	8.3	10.6	15.8#



#82
 Chrysene
 Concen: 40.37 ng
 RT: 14.23 min Scan# 1062
 Delta R.T. 0.03 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	19.6	15.4	23.2

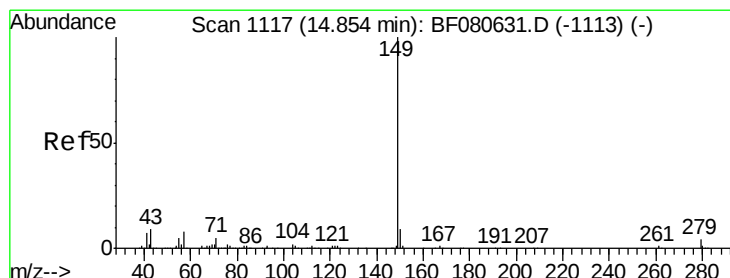
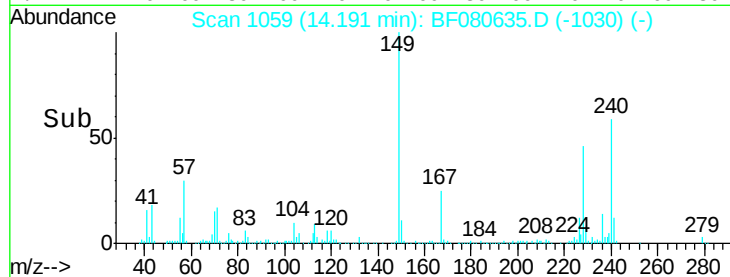
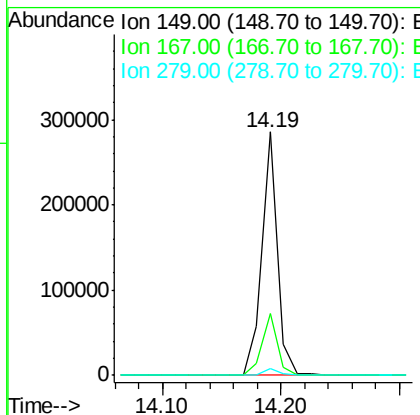
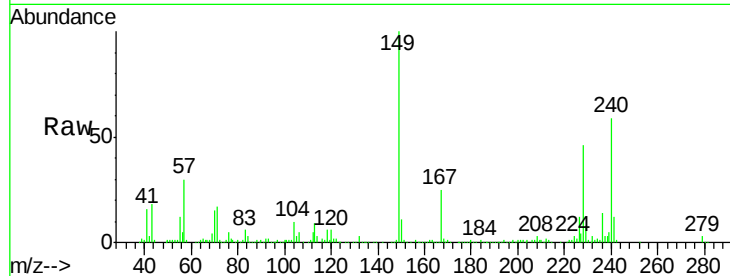




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.82 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. 0.03 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

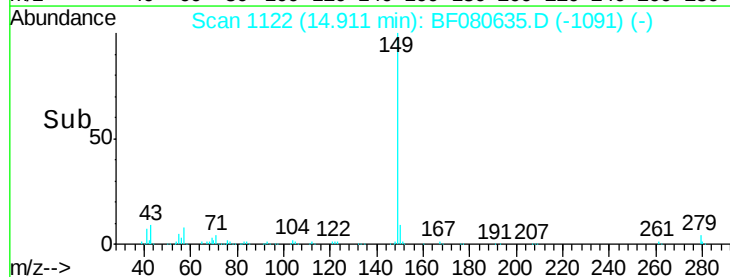
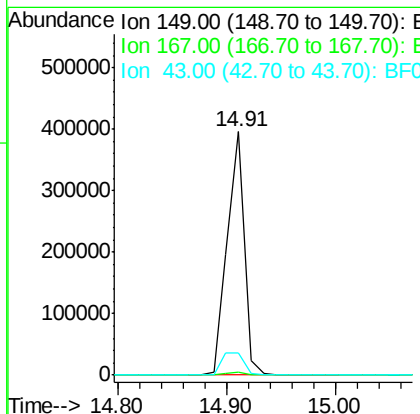
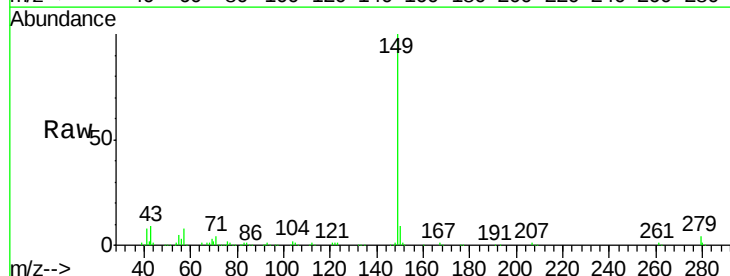
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

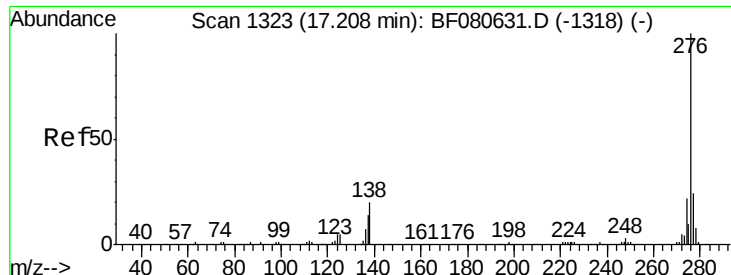
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.7	29.5
279	2.6	2.2	3.4



#84
 Di-n-octyl phthalate
 Concen: 40.42 ng
 RT: 14.91 min Scan# 1122
 Delta R.T. 0.06 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.4#
43	12.3	10.1	15.1

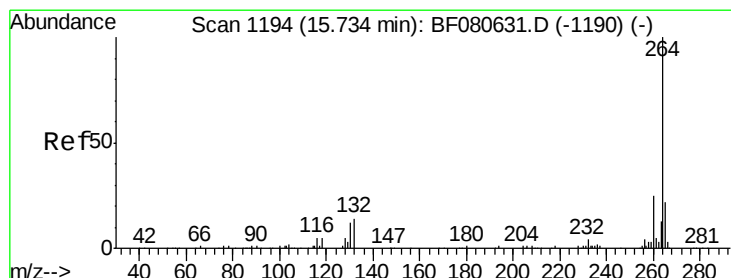
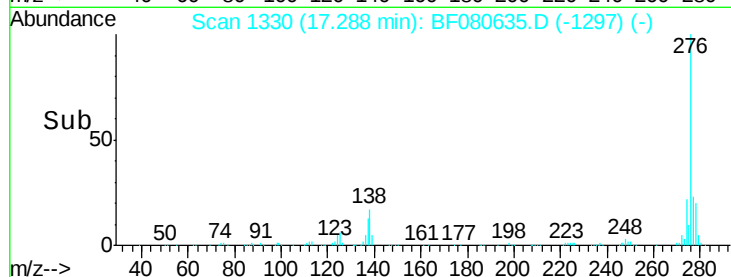
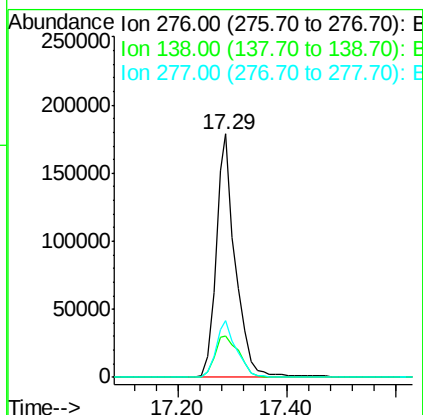
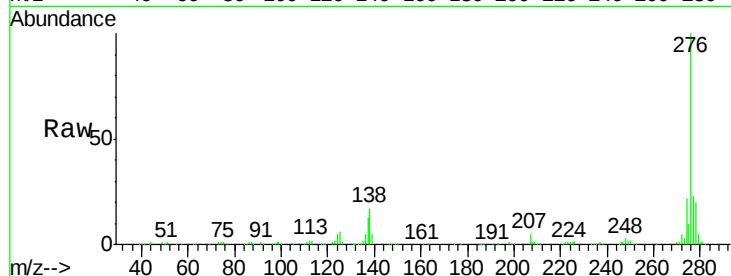




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.33 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. 0.08 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

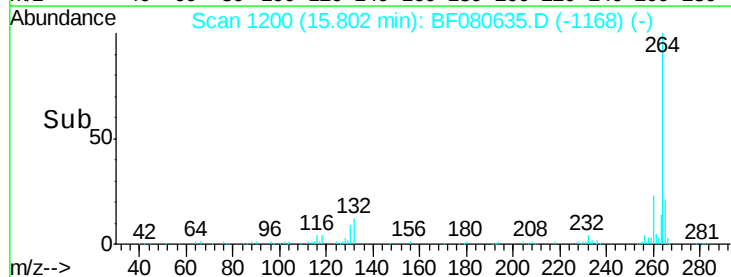
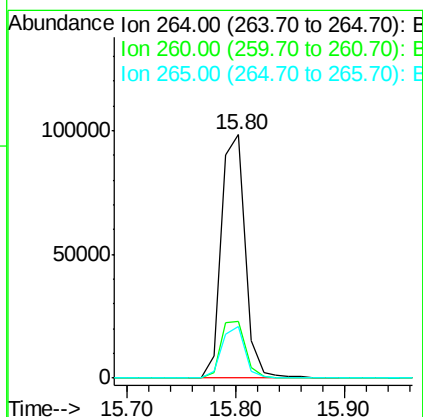
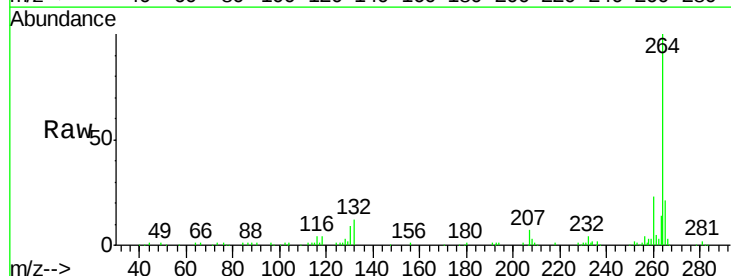
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072415

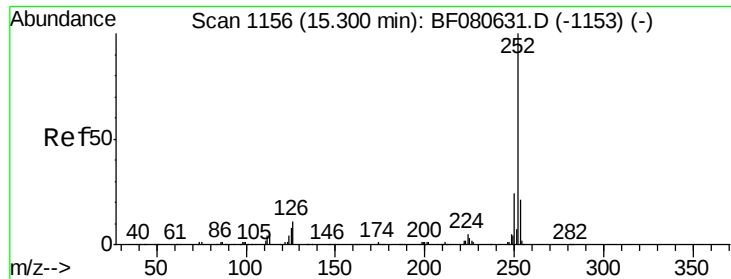
Tgt Ion: 276 Resp: 444954
 Ion Ratio Lower Upper
 276 100
 138 21.8 17.5 26.3
 277 24.7 19.8 29.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.80 min Scan# 1200
 Delta R.T. 0.07 min
 Lab File: BF080635.D
 Acq: 24 Jul 2015 19:52

Tgt Ion: 264 Resp: 149288
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 41.70 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.06 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

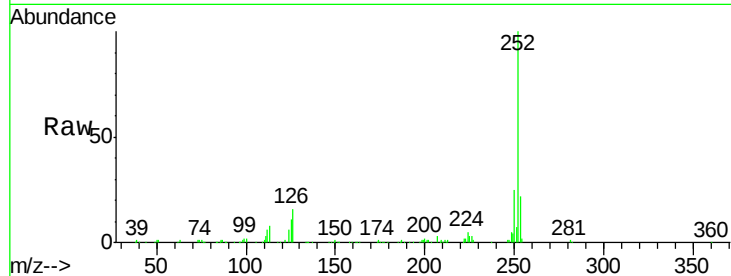
Tgt Ion:252 Resp: 377355

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

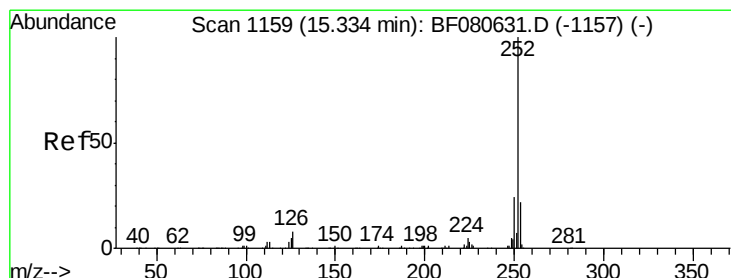
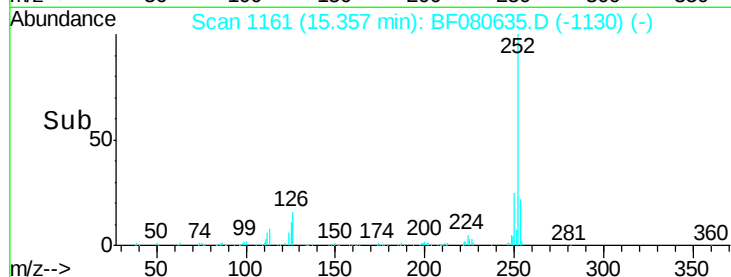
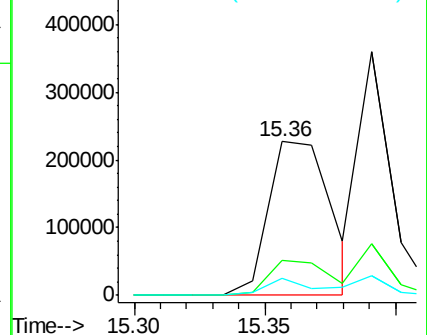
125 11.4 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.57 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.02 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

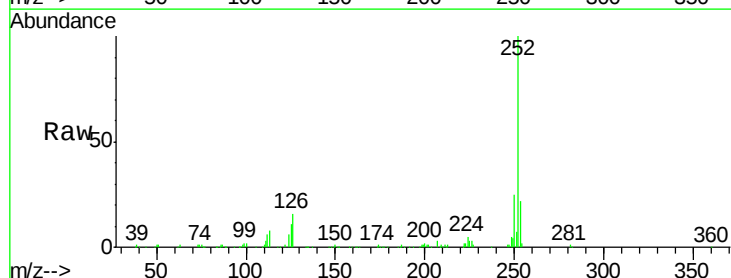
Tgt Ion:252 Resp: 377355

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

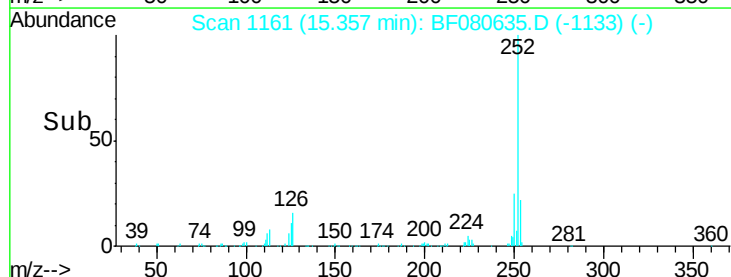
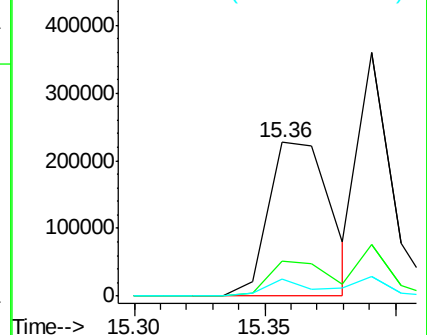
125 11.4 4.6 6.8#

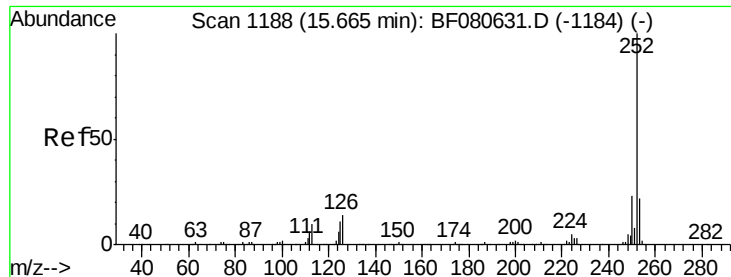


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

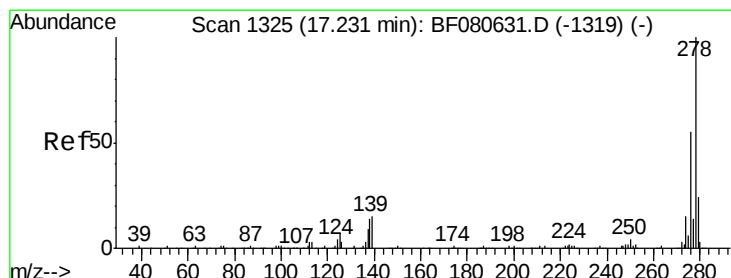
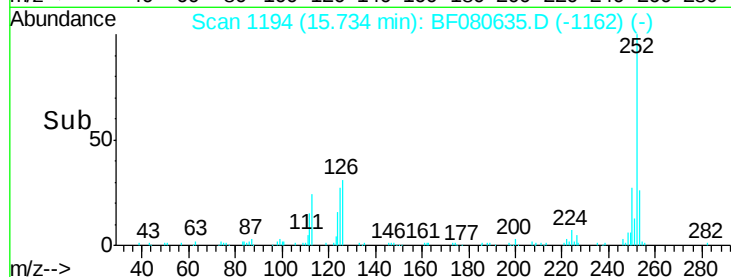
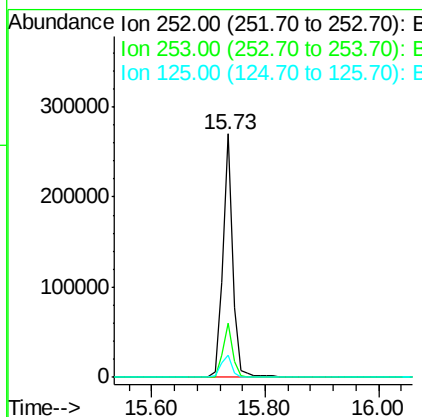
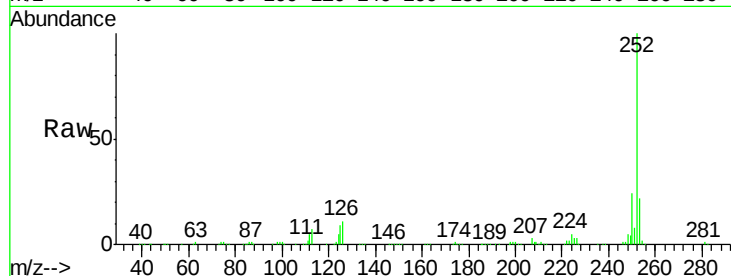




#89
Benzo(a)pyrene
Concen: 40.71 ng
RT: 15.73 min Scan# 1194
Delta R.T. 0.07 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

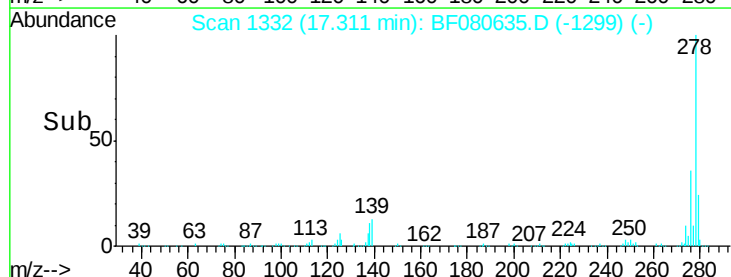
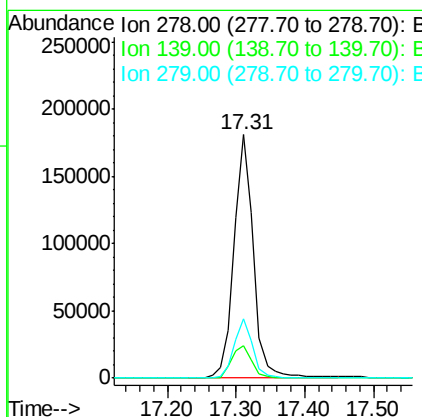
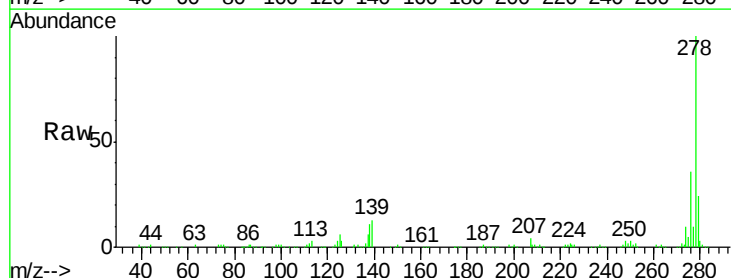
Instrument :
BNA_F
ClientSampleId :
ICVBF072415

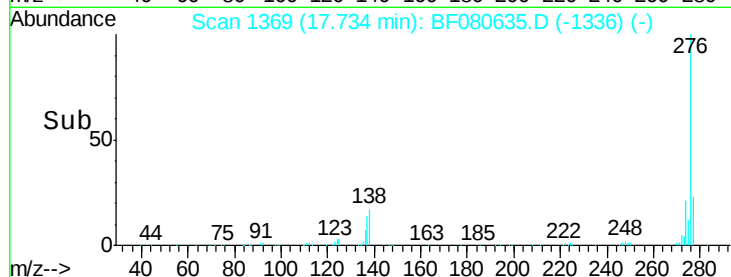
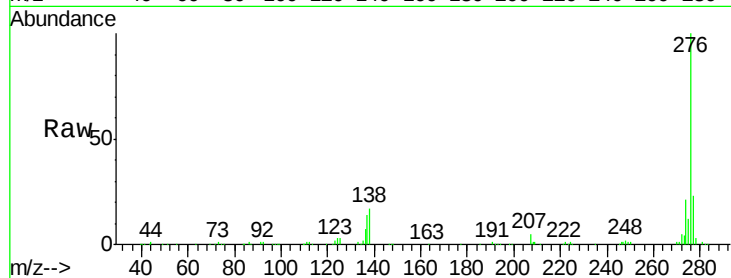
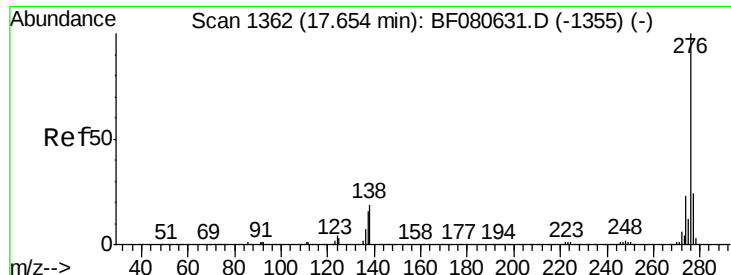
Tgt Ion:252 Resp: 331352
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.9 9.1 13.7#



#90
Dibenzo(a,h)anthracene
Concen: 42.10 ng
RT: 17.31 min Scan# 1332
Delta R.T. 0.08 min
Lab File: BF080635.D
Acq: 24 Jul 2015 19:52

Tgt Ion:278 Resp: 360923
Ion Ratio Lower Upper
278 100
139 13.4 11.7 17.5
279 24.5 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 43.38 ng

RT: 17.73 min Scan# 1369

Delta R.T. 0.08 min

Lab File: BF080635.D

Acq: 24 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF072415

Tgt Ion: 276 Resp: 377686

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 17.1 14.8 22.2

