

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061915\
 Data File : BF080066.D
 Acq On : 19 Jun 2015 19:25
 Operator : TP/IZ
 Sample : G2697-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Quant Time: Jun 20 01:00:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39414	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	161479	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	83186	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	178315	20.00	ng	-0.01
75) Chrysene-d12	14.92	240	204446	20.00	ng	0.06
86) Perylene-d12	16.83	264	191053	20.00	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	140714	63.20	ng	0.00
7) Phenol-d6	6.93	99	124000	41.85	ng	-0.01
23) Nitrobenzene-d5	7.89	82	290700	104.80	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	136880	168.27	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	566262	97.08	ng	-0.01
78) Terphenyl-d14	13.61	244	764093	87.29	ng	0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	14714	13.90	ng	# 86
3) Pyridine	4.06	79	42353	15.05	ng	# 83
4) n-Nitrosodimethylamine	3.94	42	24412	18.25	ng	93
6) Aniline	6.98	93	114063	27.98	ng	93
8) 2-Chlorophenol	7.11	128	99955	38.84	ng	85
9) Benzaldehyde	6.88	77	87438	51.12	ng	89
10) Phenol	6.94	94	42672	13.20	ng	# 66
11) bis(2-Chloroethyl)ether	7.04	93	114801	44.75	ng	95
12) 1,3-Dichlorobenzene	7.51	146	129520	41.90	ng	97
13) 1,4-Dichlorobenzene	7.51	146	129505	44.05	ng	97
14) 1,2-Dichlorobenzene	7.51	146	129505	45.27	ng	99
15) Benzyl Alcohol	7.45	79	74468	30.74	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	201440	52.90	ng	90
17) 2-Methylphenol	7.56	107	66634	30.31	ng	# 81
18) Hexachloroethane	7.85	117	47276	48.29	ng	# 86
19) n-Nitroso-di-n-propylamine	7.73	70	96543	46.93	ng	# 76
20) 3+4-Methylphenols	7.72	107	81973	28.90	ng	# 89
22) Acetophenone	7.73	105	192345	51.11	ng	# 83
24) Nitrobenzene	7.91	77	137881	48.16	ng	# 78
25) Isophorone	8.14	82	258739	46.35	ng	# 83
26) 2-Nitrophenol	8.23	139	64090	53.48	ng	# 78
27) 2,4-Dimethylphenol	8.25	122	104045	41.64	ng	# 85
28) bis(2-Chloroethoxy)methane	8.34	93	166982	50.91	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	105218	49.17	ng	97
30) 1,2,4-Trichlorobenzene	8.56	180	128191	52.75	ng	98
31) Naphthalene	8.64	128	389258	46.11	ng	98
32) Benzoic acid	8.29	122	12547	8.30	ng	# 64
33) 4-Chloroaniline	8.68	127	162610	45.00	ng	# 85
34) Hexachlorobutadiene	8.77	225	69013	46.12	ng	99
35) Caprolactam	9.02	113	4808	6.92	ng	# 81
36) 4-Chloro-3-methylphenol	9.14	107	107712	44.62	ng	# 77
37) 2-Methylnaphthalene	9.34	142	292605	53.58	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	134602	55.60	ng	99
40) Hexachlorocyclopentadiene	9.50	237	131941	103.90	ng	97

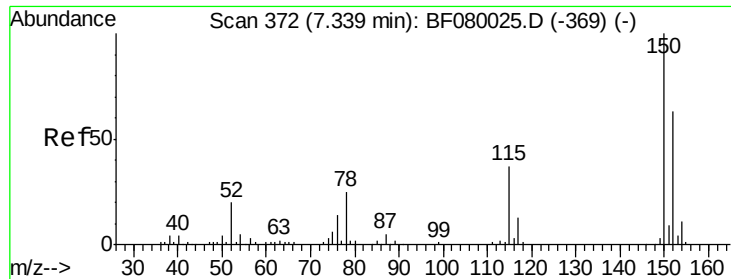
Data Path : Z:\HPCHEM1\BNA_F\Data\BF061915\
 Data File : BF080066.D
 Acq On : 19 Jun 2015 19:25
 Operator : TP/IZ
 Sample : G2697-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Quant Time: Jun 20 01:00:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	88477	53.72	ng	97
43) 2,4,5-Trichlorophenol	9.65	196	90193	47.53	ng #	94
45) 1,1'-Biphenyl	9.81	154	332467	49.12	ng	94
46) 2-Chloronaphthalene	9.83	162	266334	48.50	ng #	93
47) 2-Nitroaniline	9.91	65	75134	49.84	ng #	60
48) Acenaphthylene	10.25	152	457399	49.90	ng	96
49) Dimethylphthalate	10.09	163	319491	51.09	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	64955	51.81	ng #	43
51) Acenaphthene	10.42	154	285996	51.00	ng	95
52) 3-Nitroaniline	10.32	138	58880	40.70	ng #	52
53) 2,4-Dinitrophenol	10.44	184	59818	114.50	ng #	1
54) Dibenzofuran	10.60	168	392699	49.35	ng #	86
55) 4-Nitrophenol	10.47	139	37856	32.74	ng #	77
56) 2,4-Dinitrotoluene	10.56	165	101379	63.72	ng #	91
57) Fluorene	10.95	166	325496	51.56	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	78581	49.05	ng	99
59) Diethylphthalate	10.79	149	316974	50.34	ng	96
60) 4-Chlorophenyl-phenylether	10.93	204	151648	49.98	ng #	83
61) 4-Nitroaniline	10.94	138	74319	49.75	ng #	50
62) Azobenzene	11.09	77	318085	49.62	ng	87
64) 4,6-Dinitro-2-methylphenol	10.97	198	44053	48.74	ng	96
65) n-Nitrosodiphenylamine	11.04	169	283620	48.85	ng	91
66) 4-Bromophenyl-phenylether	11.43	248	100176	52.83	ng #	87
67) Hexachlorobenzene	11.51	284	106690	50.63	ng #	80
68) Atrazine	11.57	200	94576	51.55	ng	84
69) Pentachlorophenol	11.69	266	107863	90.33	ng	97
70) Phenanthrene	11.93	178	498867	46.21	ng	97
71) Anthracene	11.98	178	522461	50.26	ng	98
72) Carbazole	12.13	167	446841	45.03	ng	95
73) Di-n-butylphthalate	12.46	149	535378	46.69	ng #	98
74) Fluoranthene	13.20	202	567873	49.39	ng	91
76) Benzidine	13.32	184	268343	46.96	ng	98
77) Pyrene	13.47	202	583451	46.35	ng	95
79) Butylbenzylphthalate	14.17	149	248045	49.07	ng	96
80) Benzo(a)anthracene	14.91	228	575579	46.21	ng	97
81) 3,3'-Dichlorobenzidine	14.85	252	163628	38.09	ng #	93
82) Chrysene	14.95	228	536719	46.73	ng	95
83) Bis(2-ethylhexyl)phthalate	14.88	149	377910	47.30	ng	94
84) Di-n-octyl phthalate	15.71	149	613371	44.80	ng	96
85) Indeno(1,2,3-cd)pyrene	18.69	276	629575	43.47	ng #	88
87) Benzo(b)fluoranthene	16.28	252	561889	48.58	ng #	89
88) Benzo(k)fluoranthene	16.32	252	554086	47.04	ng #	86
89) Benzo(a)pyrene	16.75	252	544144	49.53	ng #	86
90) Dibenzo(a,h)anthracene	18.71	278	525337	46.72	ng #	82
91) Benzo(g,h,i)perylene	19.25	276	530971	46.77	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

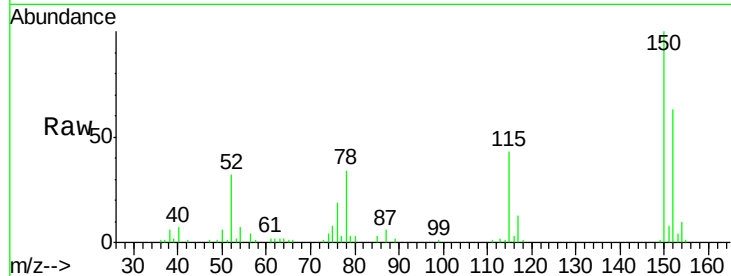
Tgt Ion:152 Resp: 39414

Ion Ratio Lower Upper

152 100

150 158.9 124.7 187.1

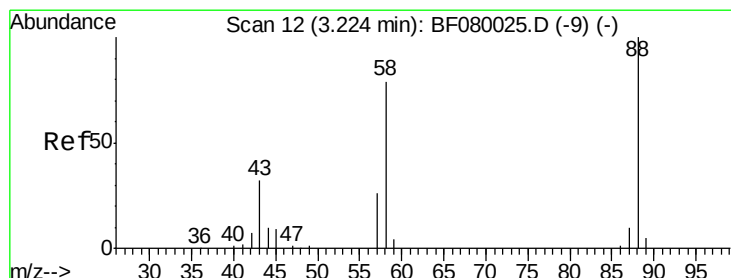
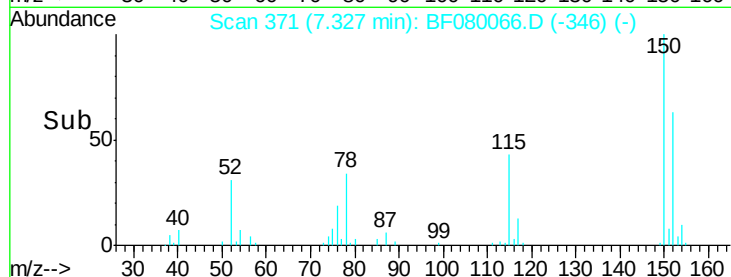
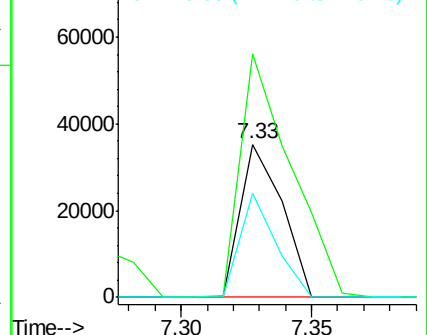
115 68.0 39.0 58.4#



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: 13.90 ng

RT: 3.22 min Scan# 12

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

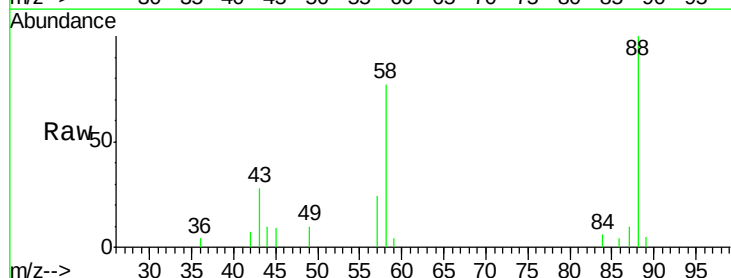
Tgt Ion: 88 Resp: 14714

Ion Ratio Lower Upper

88 100

58 82.3 77.7 116.5

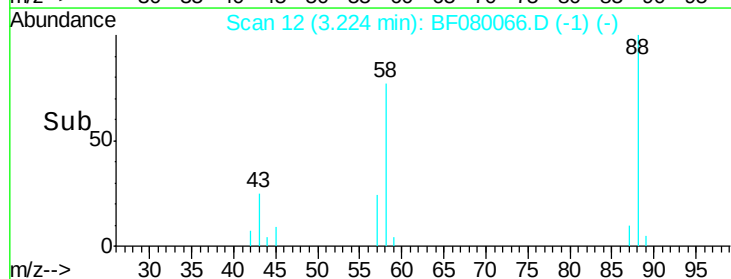
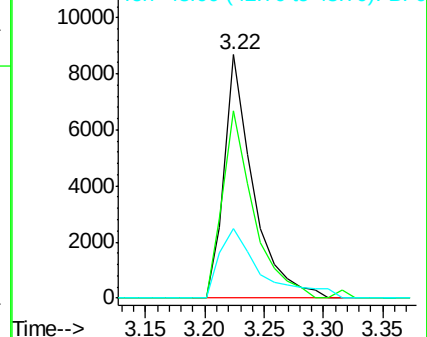
43 40.3 26.6 40.0#

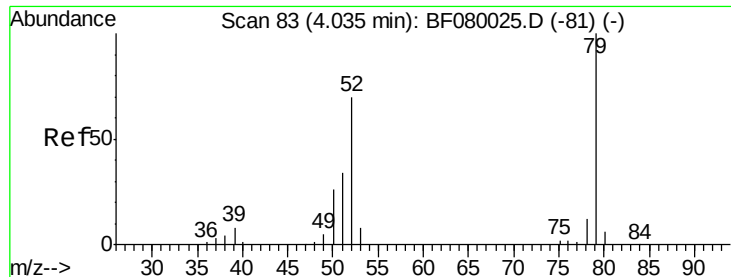


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.05 ng

RT: 4.06 min Scan# 85

Delta R.T. 0.03 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

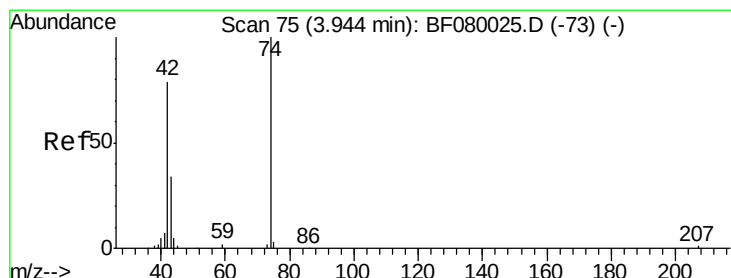
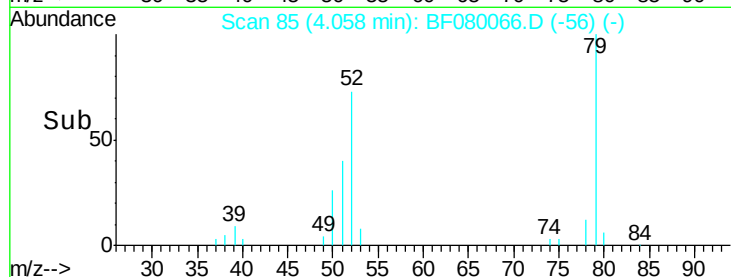
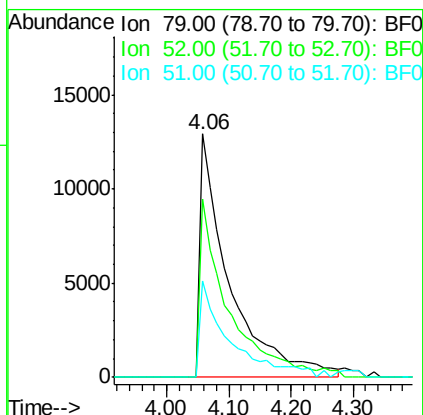
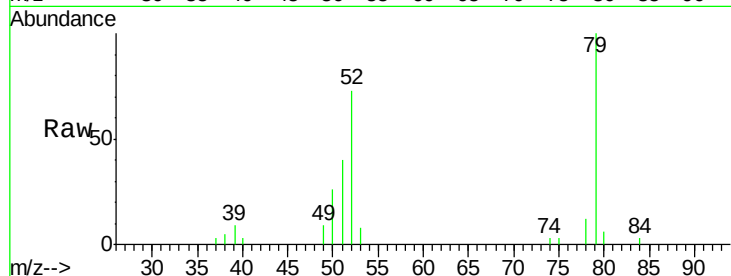
Tgt Ion: 79 Resp: 42353

Ion Ratio Lower Upper

79 100

52 73.4 76.8 115.2#

51 39.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 18.25 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

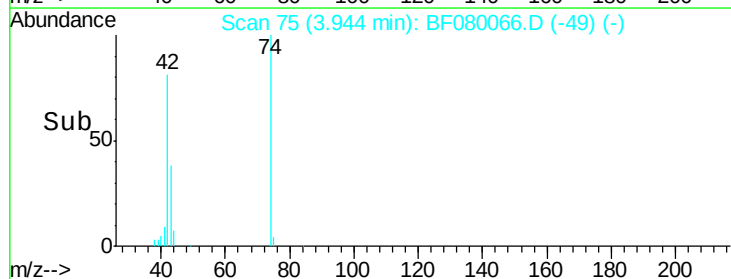
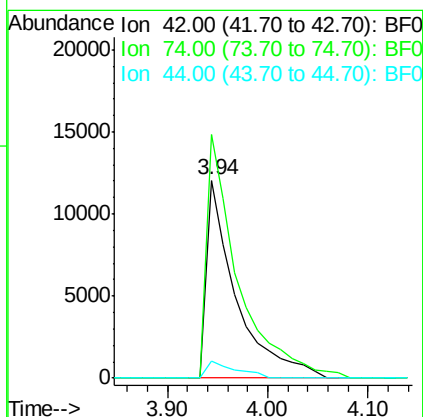
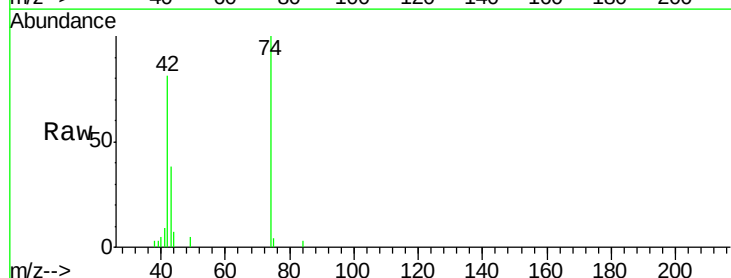
Tgt Ion: 42 Resp: 24412

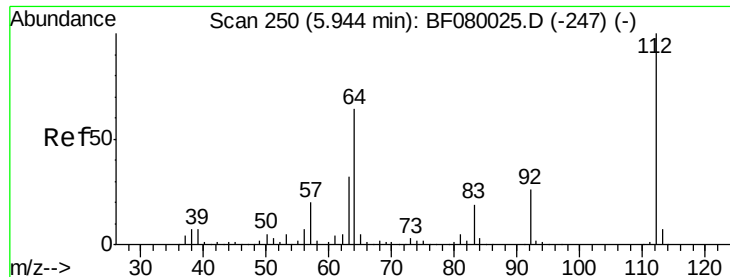
Ion Ratio Lower Upper

42 100

74 122.9 105.0 157.6

44 8.8 6.6 10.0





#5

2-Fluorophenol

Concen: 63.20 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

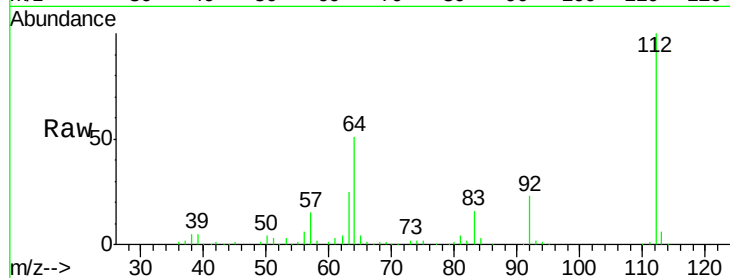
Tgt Ion: 112 Resp: 140714

Ion Ratio Lower Upper

112 100

64 51.2 39.7 59.5

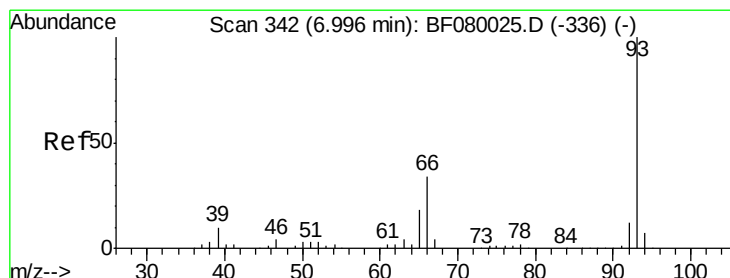
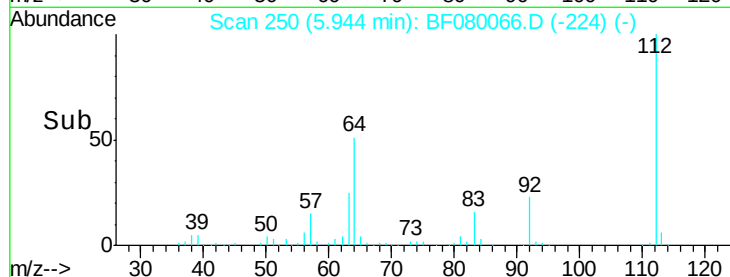
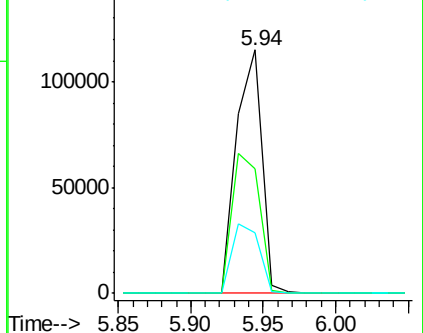
63 24.8 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.98 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

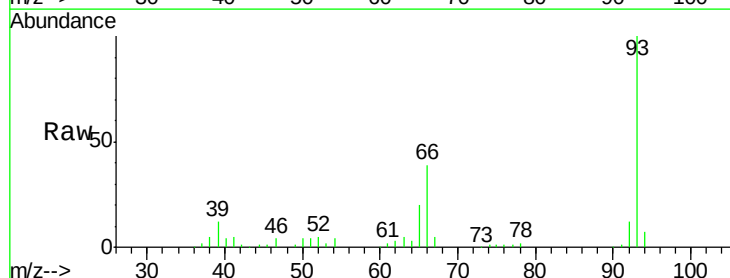
Tgt Ion: 93 Resp: 114063

Ion Ratio Lower Upper

93 100

66 38.7 27.2 40.8

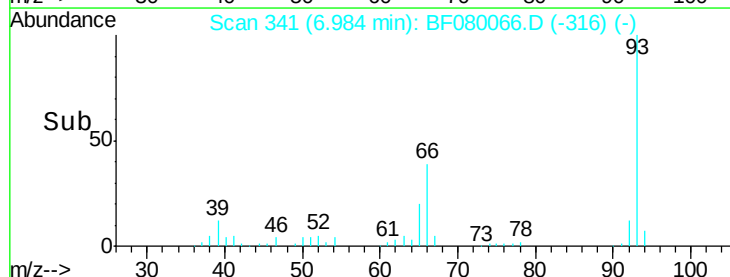
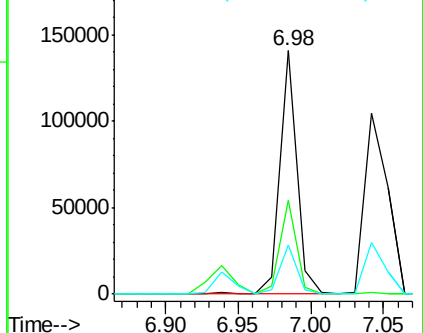
65 20.1 14.7 22.1

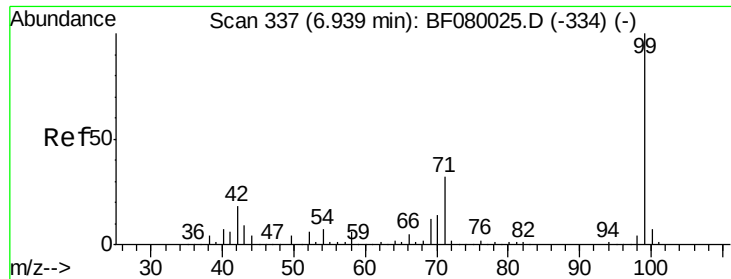


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 41.85 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

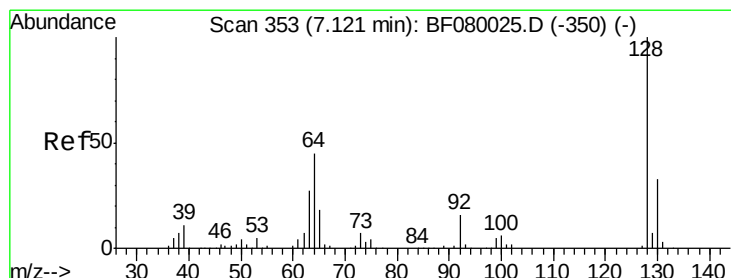
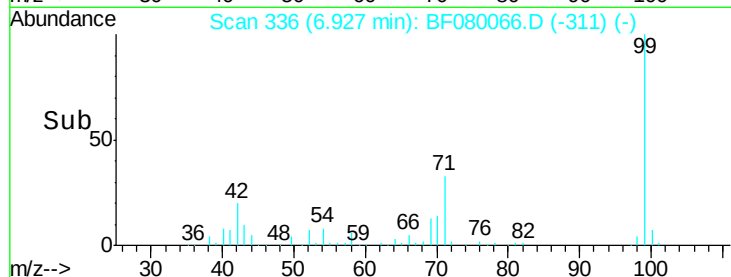
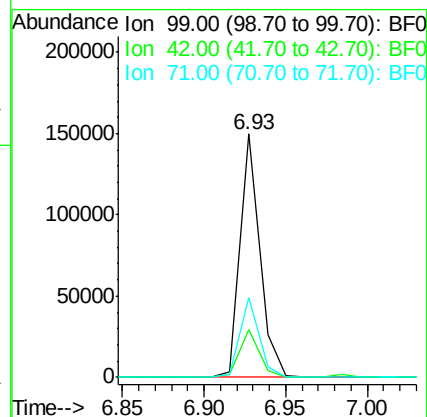
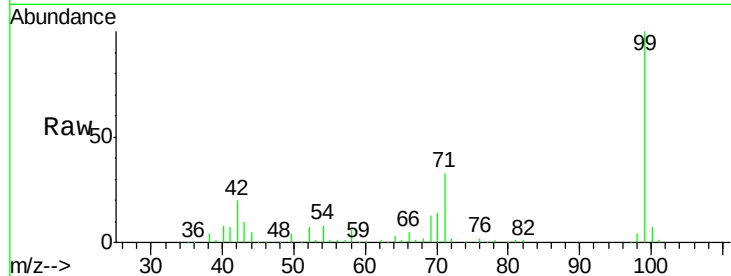
Tgt Ion: 99 Resp: 124000

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

71 32.9 14.2 21.2#



#8

2-Chlorophenol

Concen: 38.84 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

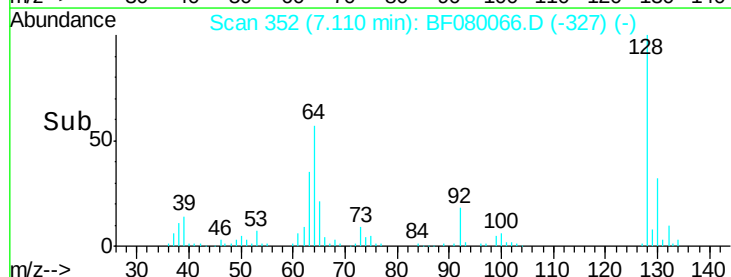
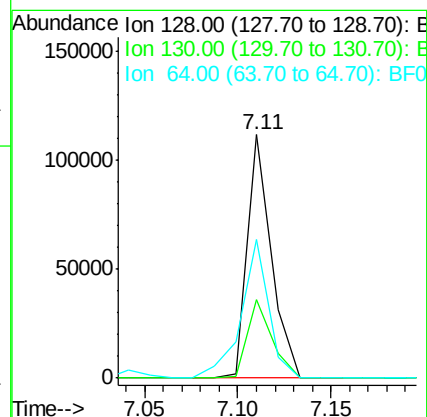
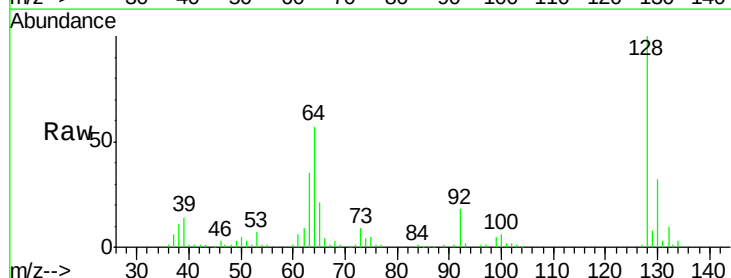
Tgt Ion: 128 Resp: 99955

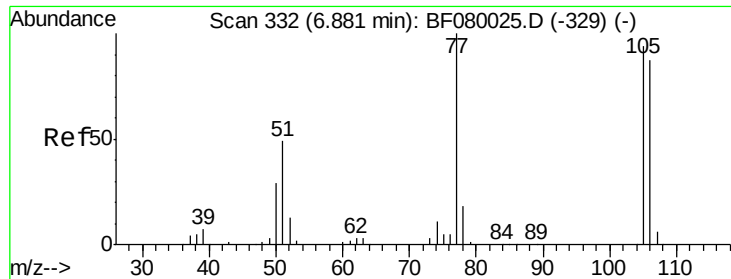
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 56.7 20.5 60.5





#9

Benzaldehyde

Concen: 51.12 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

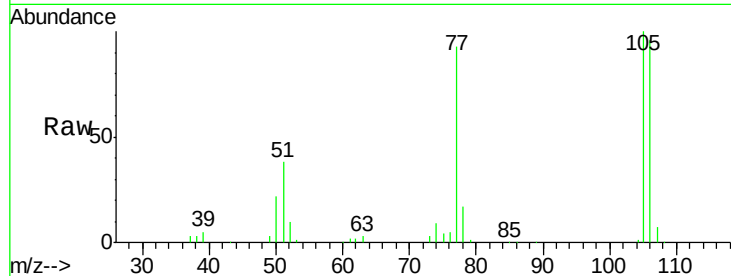
Tgt Ion: 77 Resp: 87438

Ion Ratio Lower Upper

77 100

105 107.3 91.6 131.6

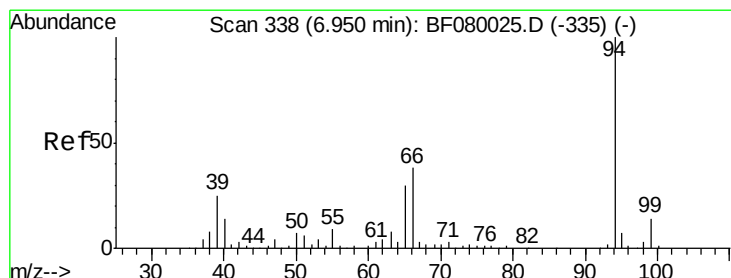
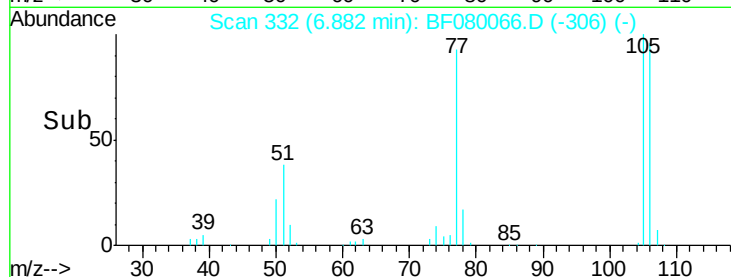
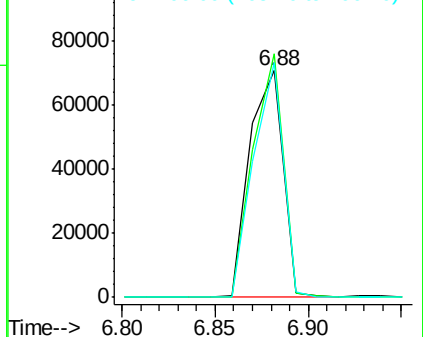
106 103.2 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.20 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.02 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

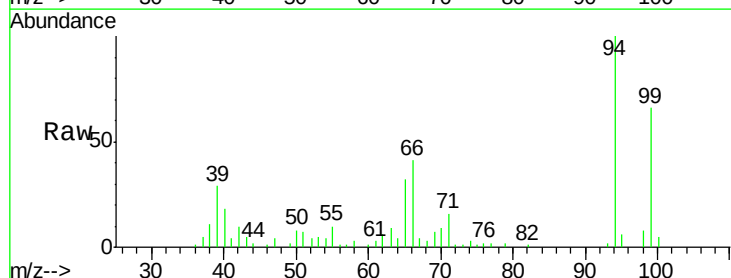
Tgt Ion: 94 Resp: 42672

Ion Ratio Lower Upper

94 100

65 31.7 0.7 40.7

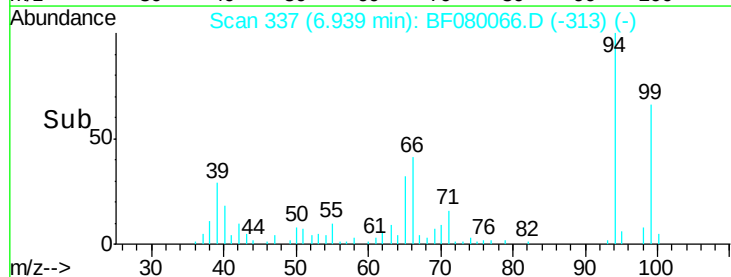
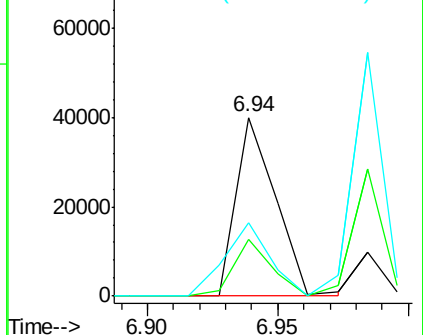
66 41.4 0.8 40.8#

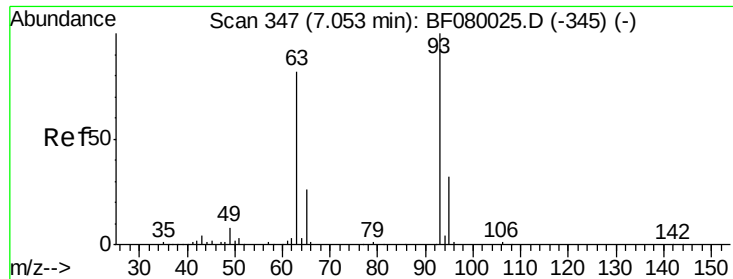


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

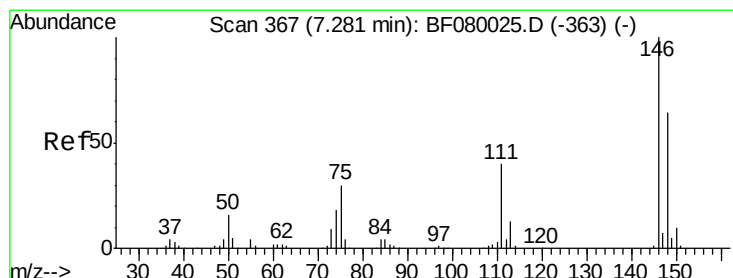
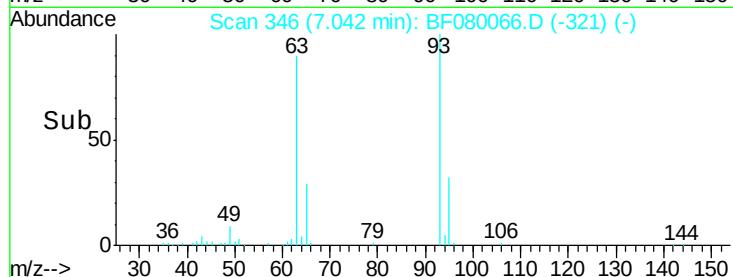
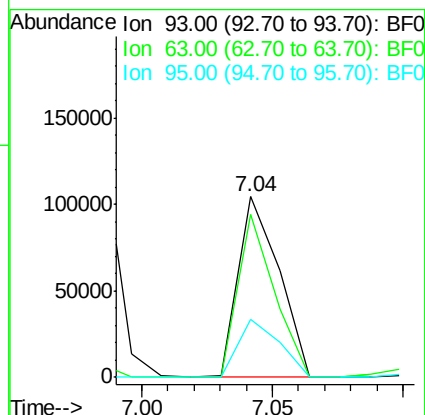
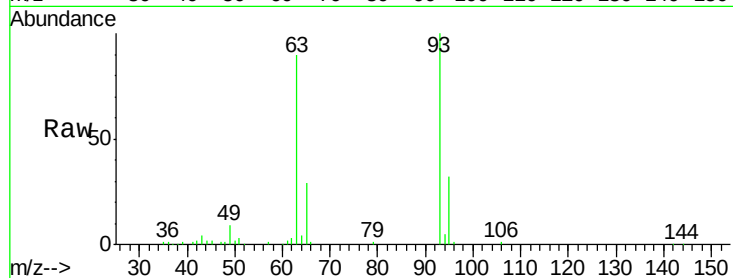




#11
 bis(2-Chloroethyl)ether
 Concen: 44.75 ng
 RT: 7.04 min Scan# 346
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

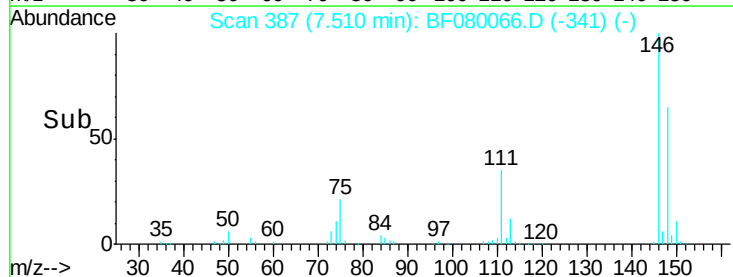
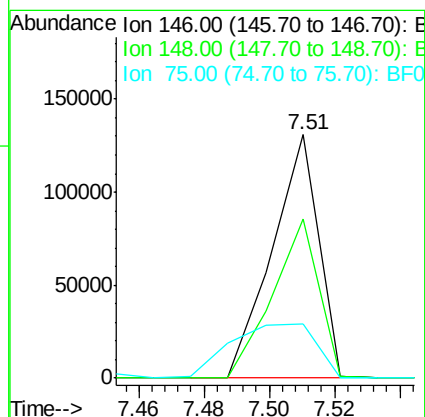
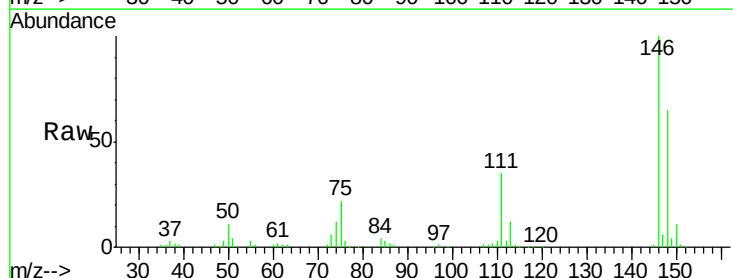
Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

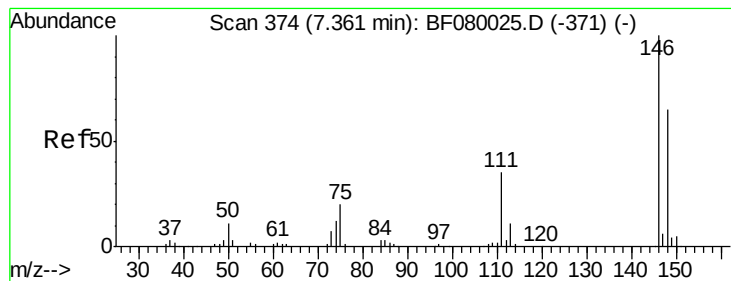
Tgt Ion: 93 Resp: 114801
 Ion Ratio Lower Upper
 93 100
 63 90.5 65.6 105.6
 95 31.8 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 41.90 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.23 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion: 146 Resp: 129520
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.4
 75 22.0 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 44.05 ng

RT: 7.51 min Scan# 387

Delta R.T. 0.15 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

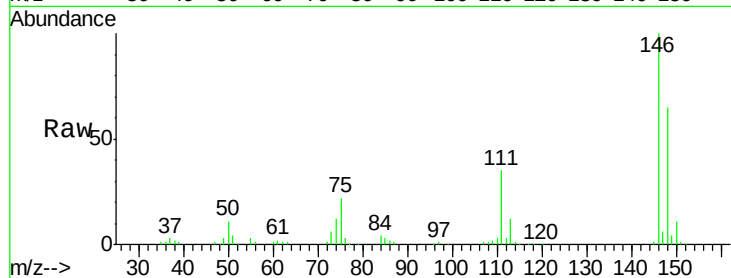
Tgt Ion:146 Resp: 129505

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

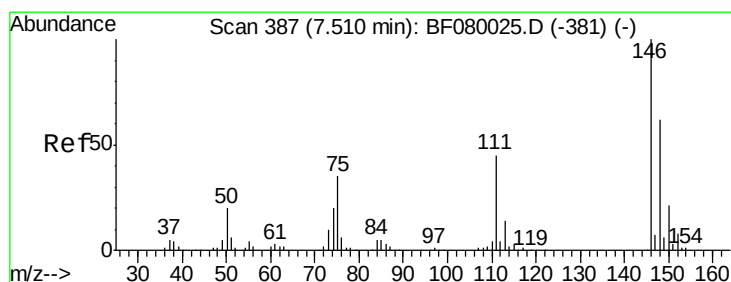
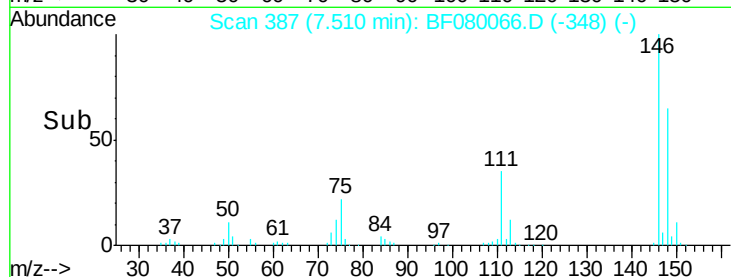
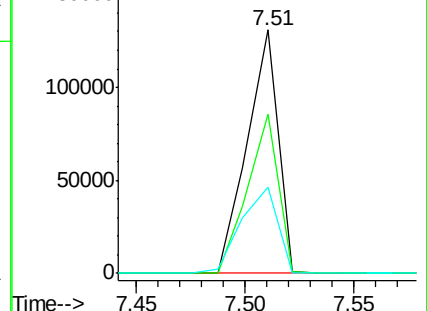
111 35.2 24.9 37.3



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: 45.27 ng

RT: 7.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

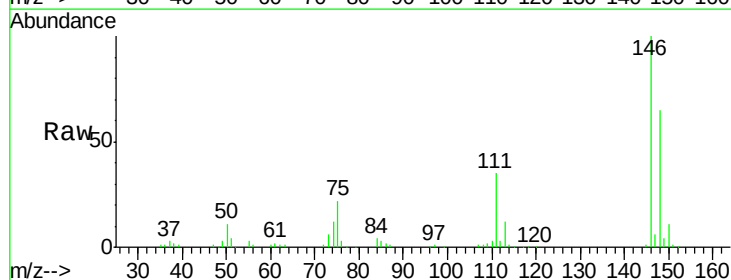
Tgt Ion:146 Resp: 129505

Ion Ratio Lower Upper

146 100

148 65.2 52.7 79.1

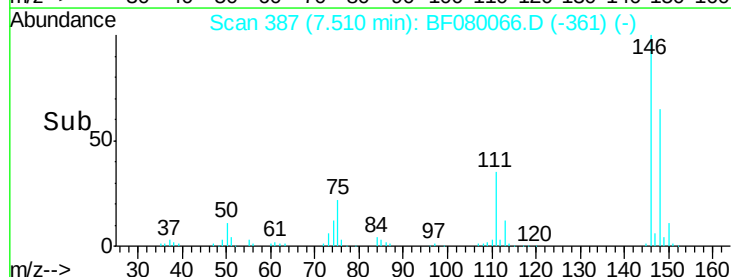
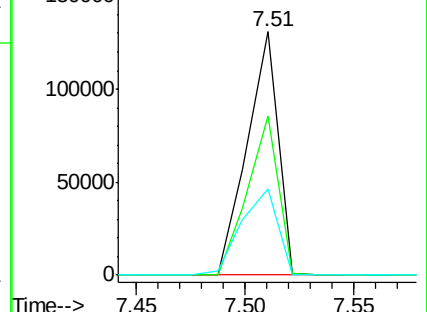
111 35.2 28.8 43.2

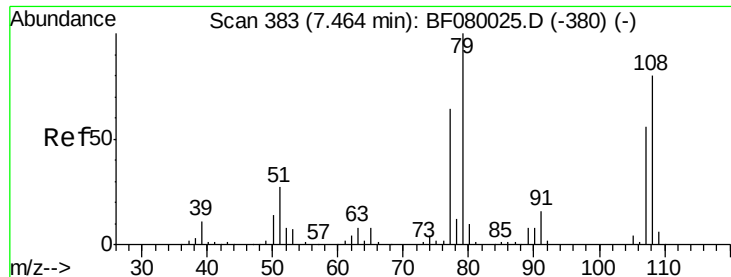


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.74 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

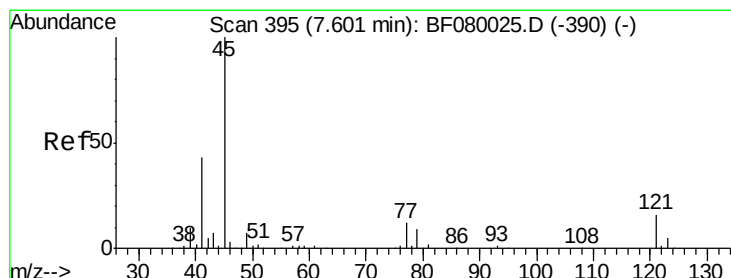
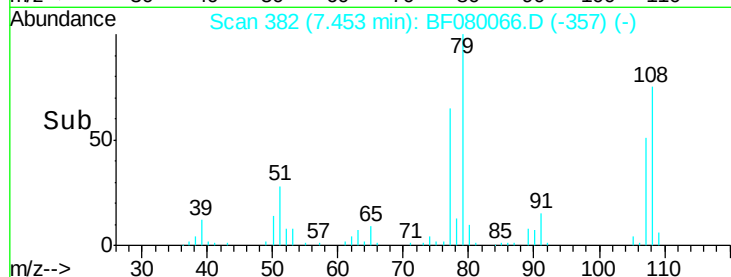
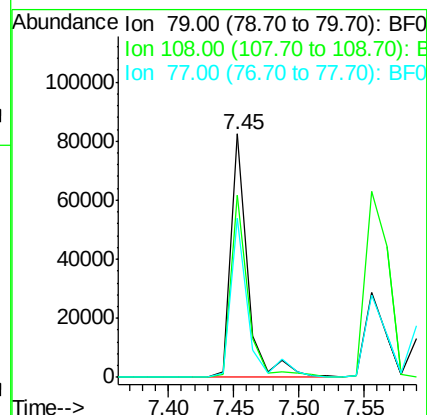
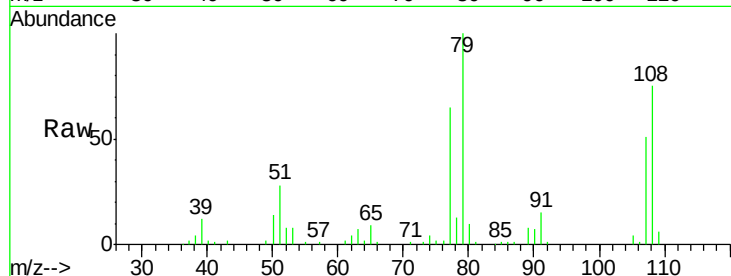
Tgt Ion: 79 Resp: 74468

Ion Ratio Lower Upper

79 100

108 75.1 88.6 132.8#

77 65.4 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.90 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

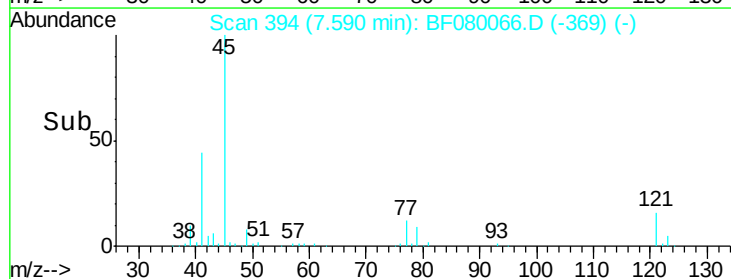
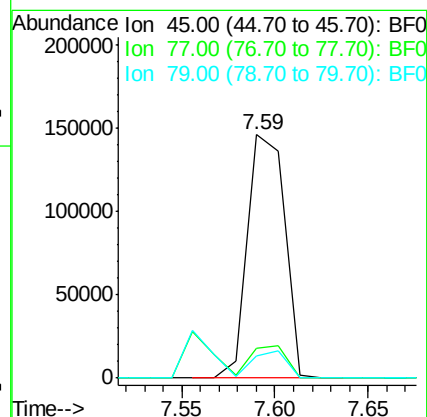
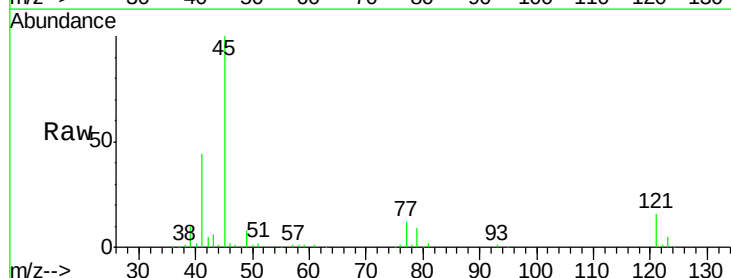
Tgt Ion: 45 Resp: 201440

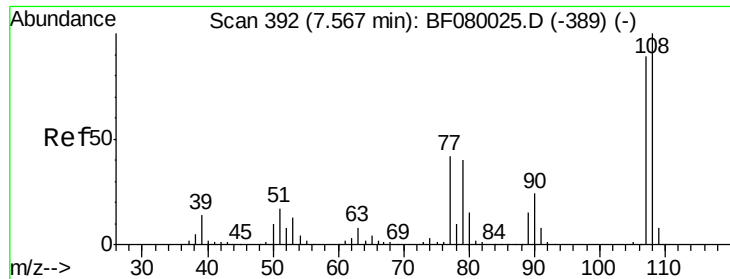
Ion Ratio Lower Upper

45 100

77 12.0 0.0 28.1

79 9.1 0.0 26.0

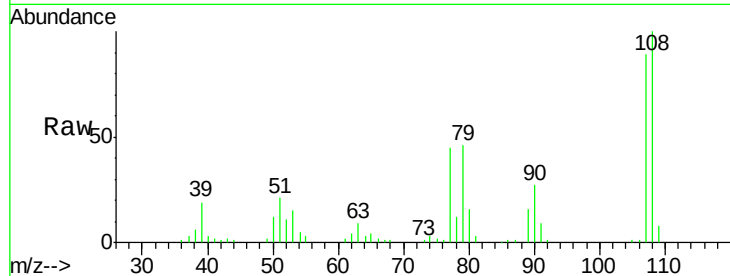




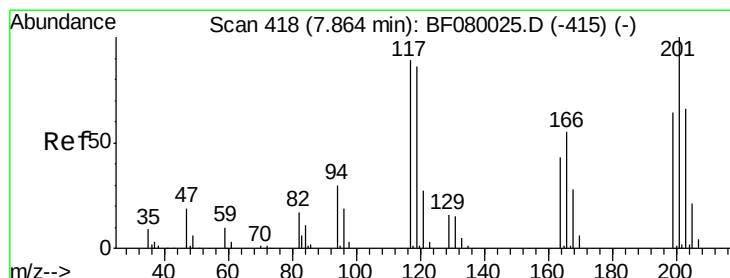
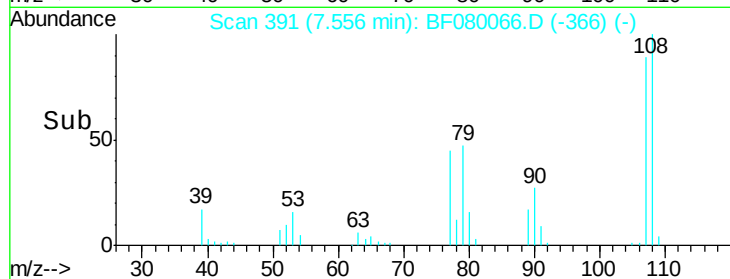
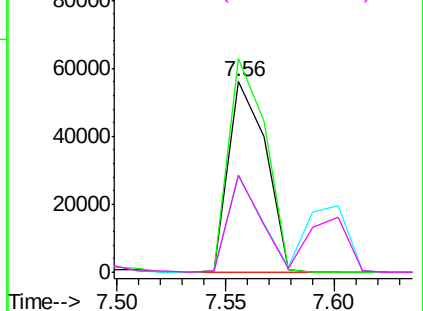
#17
2-Methylphenol
Concen: 30.31 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

Tgt Ion:107 Resp: 66634
Ion Ratio Lower Upper
107 100
108 112.1 96.6 145.0
77 50.1 23.3 34.9#
79 51.4 22.0 33.0#

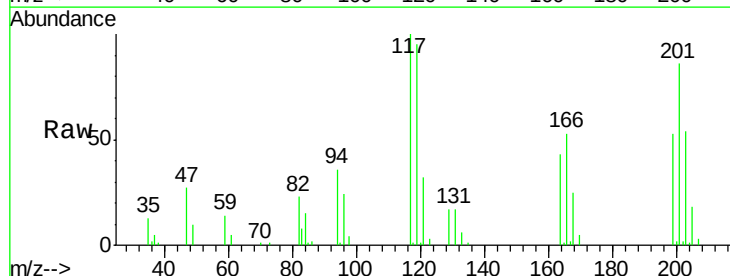


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

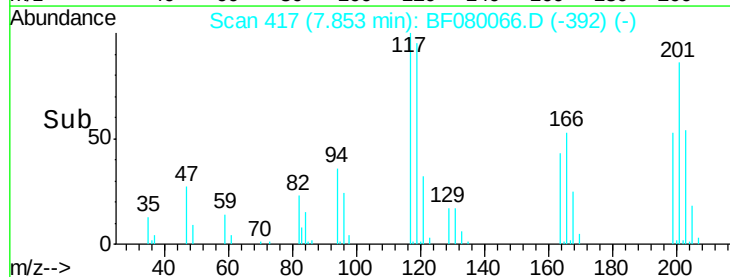
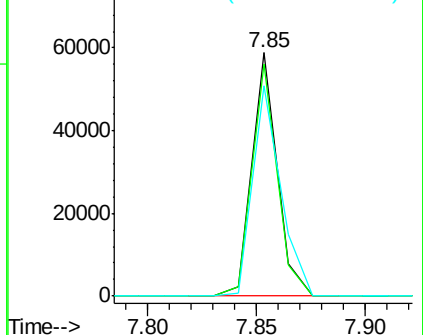


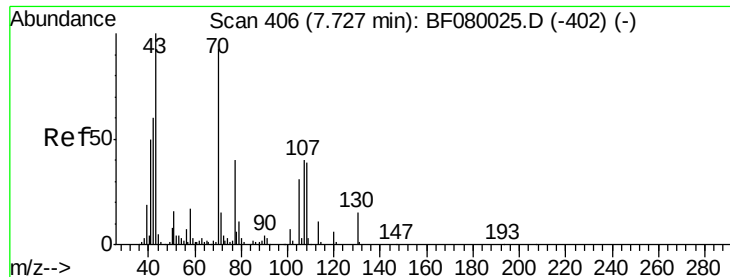
#18
Hexachloroethane
Concen: 48.29 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion:117 Resp: 47276
Ion Ratio Lower Upper
117 100
119 95.3 83.8 125.6
201 86.2 55.1 82.7#



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

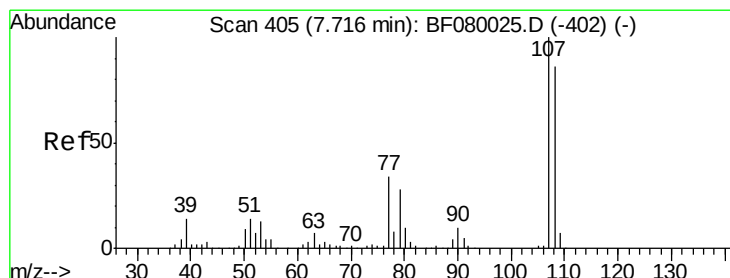
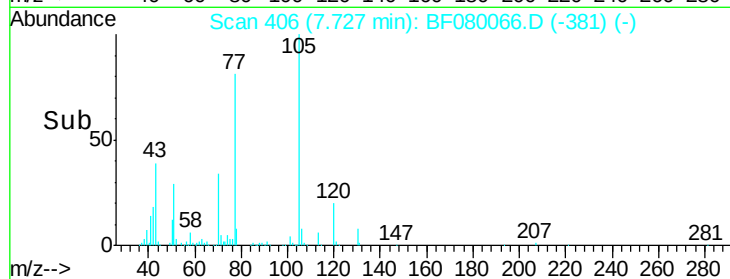
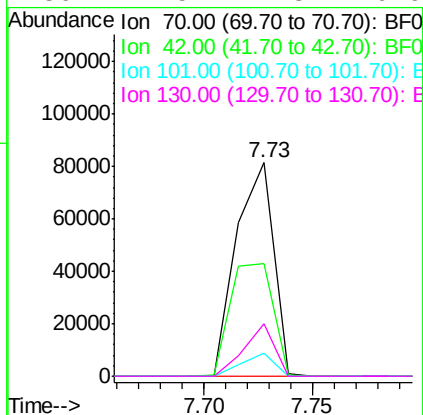
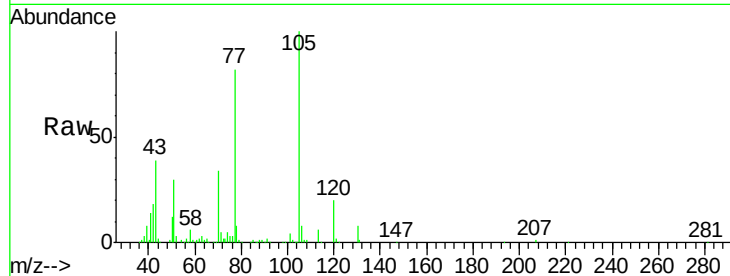




#19
n-Nitroso-di-n-propylamine
Concen: 46.93 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

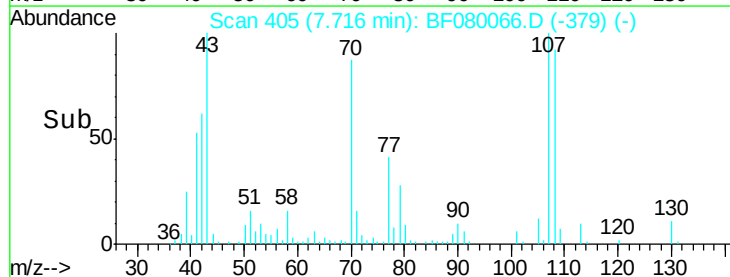
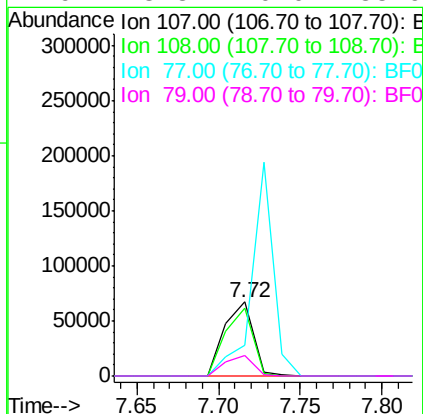
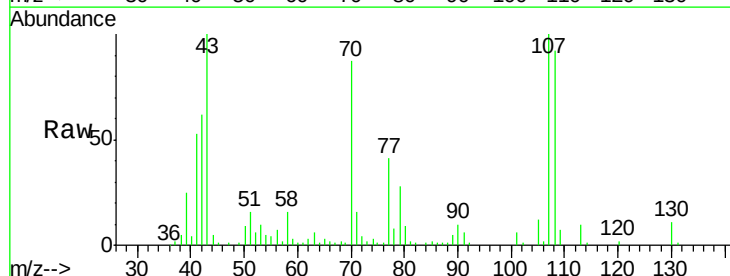
Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

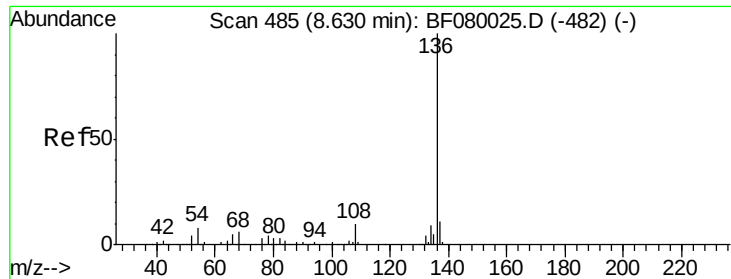
Tgt Ion: 70 Resp: 96543
Ion Ratio Lower Upper
70 100
42 52.9 63.8 95.6#
101 10.7 9.2 13.8
130 24.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 28.90 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion: 107 Resp: 81973
Ion Ratio Lower Upper
107 100
108 92.2 74.6 114.6
77 40.9 0.7 40.7#
79 28.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

Tgt Ion:136 Resp: 161479

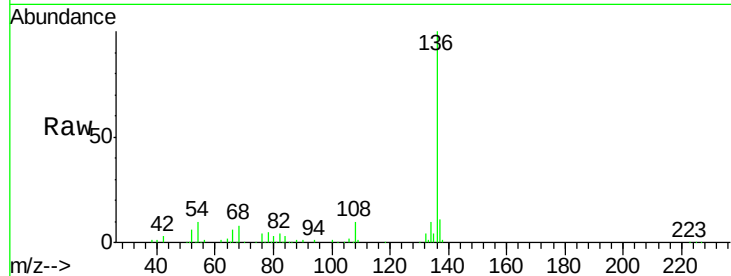
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 10.1 8.2 12.2

68 7.5 5.8 8.6

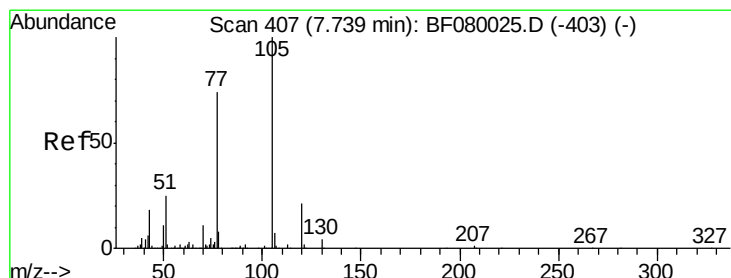
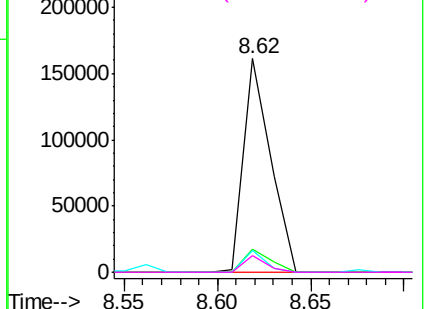
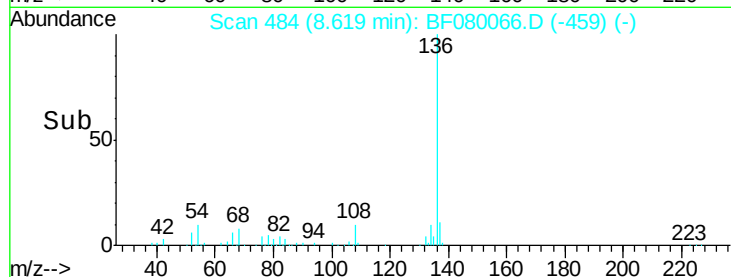


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.11 ng

RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Tgt Ion:105 Resp: 192345

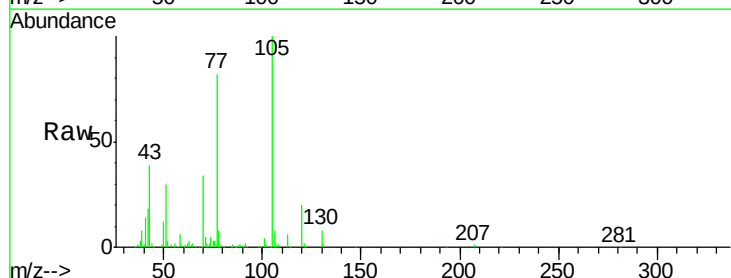
Ion Ratio Lower Upper

105 100

71 5.3 4.7 7.1

51 29.6 22.0 33.0

120 20.3 30.1 45.1#

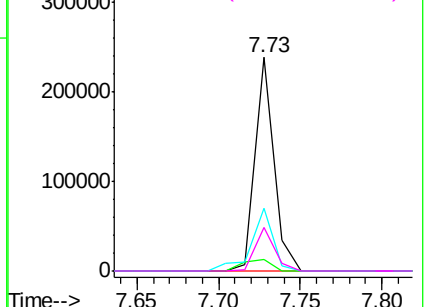
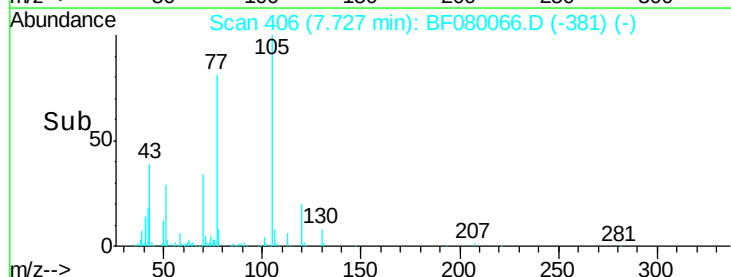


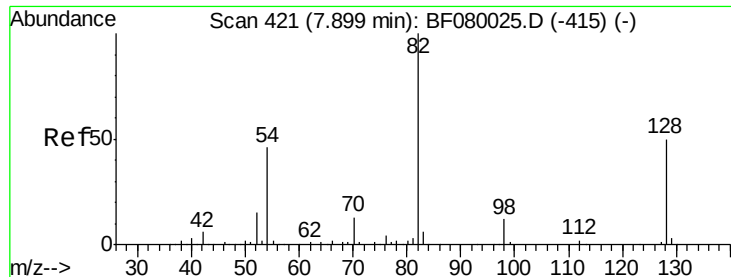
Abundance Ion 105.00 (104.70 to 105.70): E

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

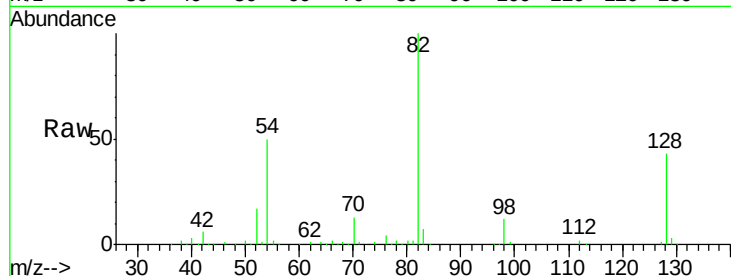




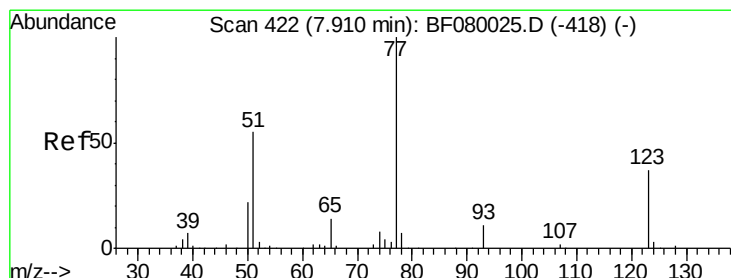
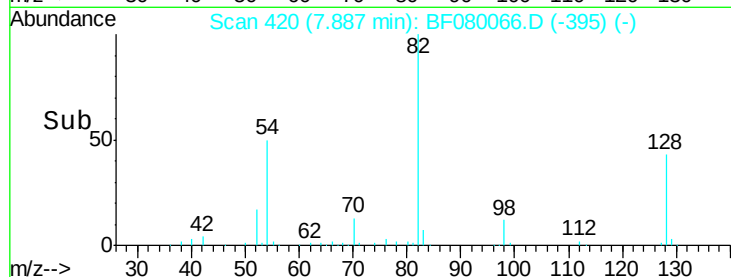
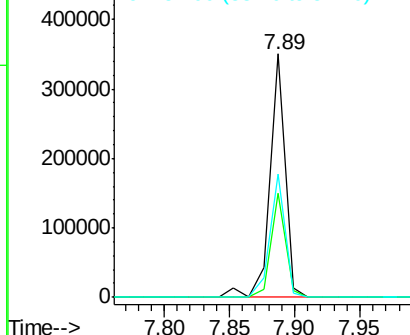
#23
 Nitrobenzene-d5
 Concen: 104.80 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion: 82 Resp: 290700
 Ion Ratio Lower Upper
 82 100
 128 42.8 51.0 76.6#
 54 50.5 47.5 71.3

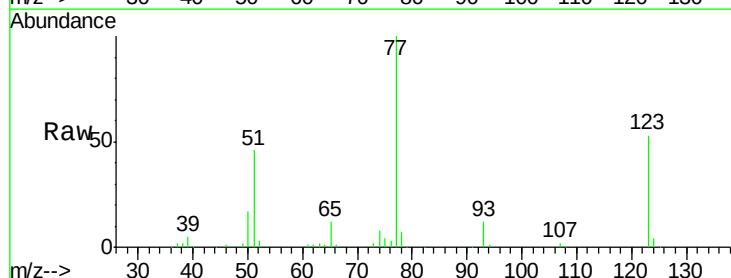


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

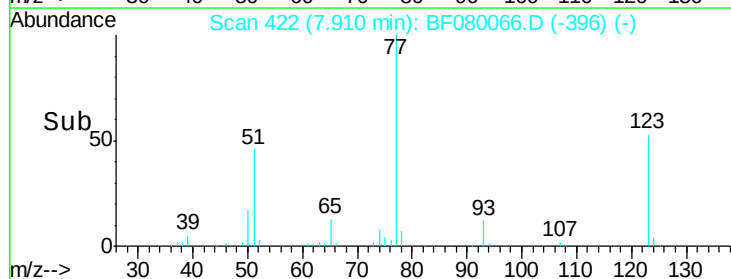
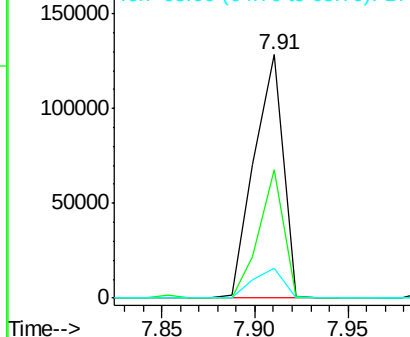


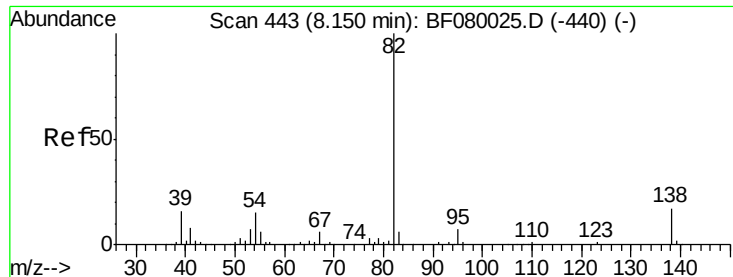
#24
 Nitrobenzene
 Concen: 48.16 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion: 77 Resp: 137881
 Ion Ratio Lower Upper
 77 100
 123 52.5 59.8 89.8#
 65 12.5 10.2 15.4



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





#25

Isophorone

Concen: 46.35 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

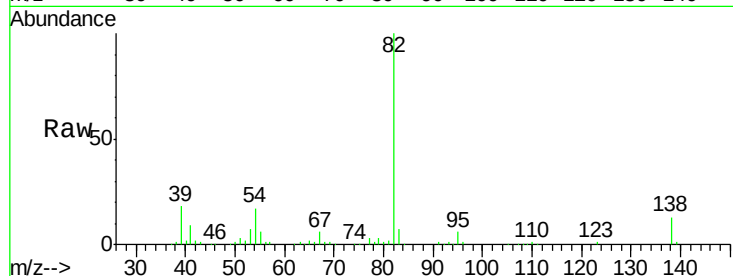
Tgt Ion: 82 Resp: 258739

Ion Ratio Lower Upper

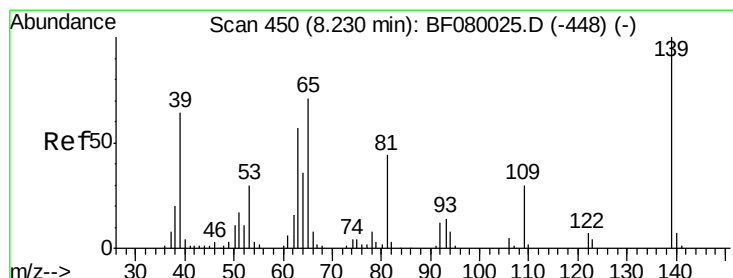
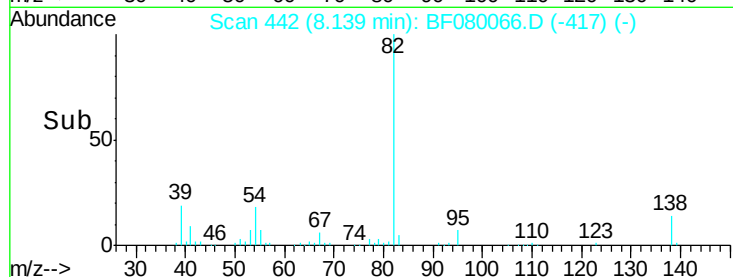
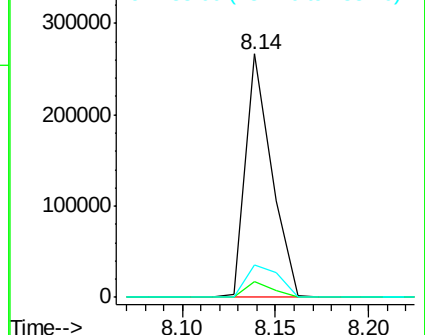
82 100

95 6.5 4.0 6.0#

138 13.2 18.3 27.5#



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: 53.48 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

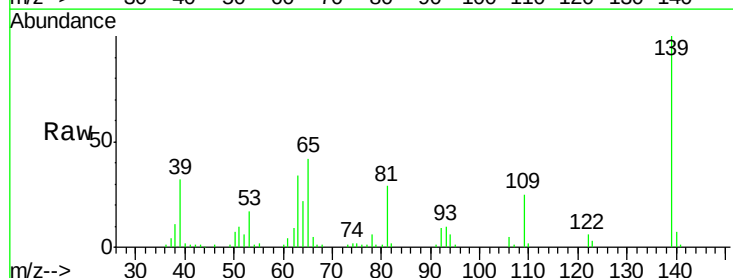
Tgt Ion: 139 Resp: 64090

Ion Ratio Lower Upper

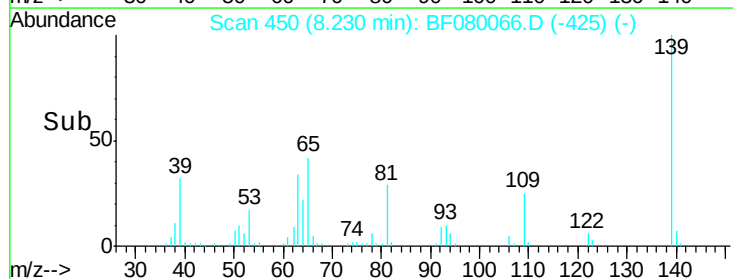
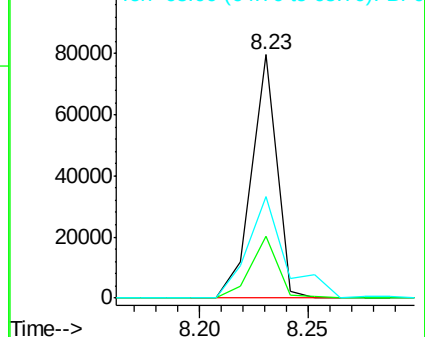
139 100

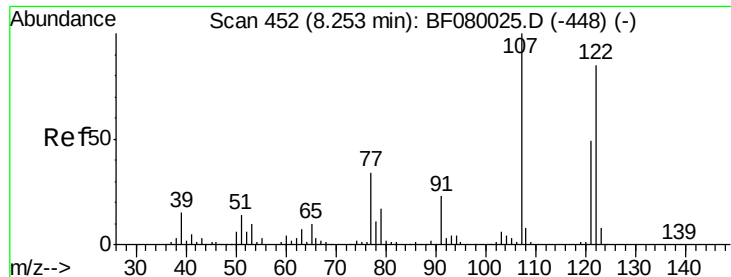
109 25.4 11.0 16.4#

65 41.6 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 41.64 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

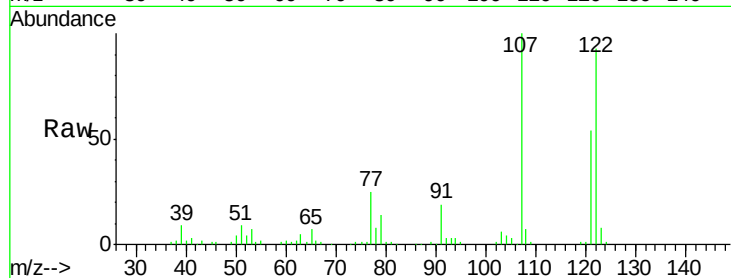
Tgt Ion:122 Resp: 104045

Ion Ratio Lower Upper

122 100

107 107.6 71.8 107.6#

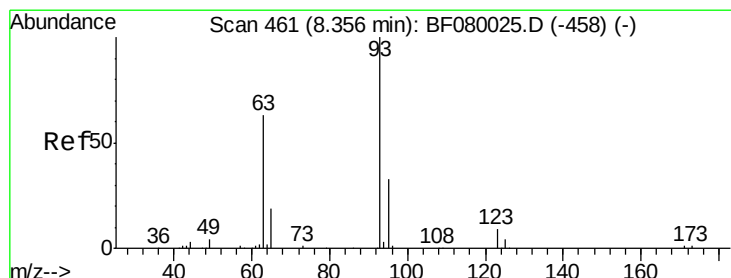
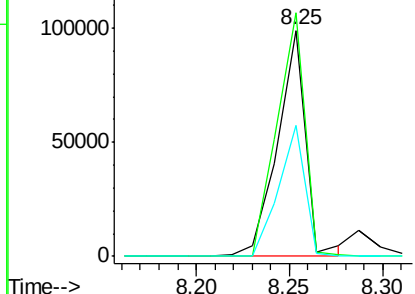
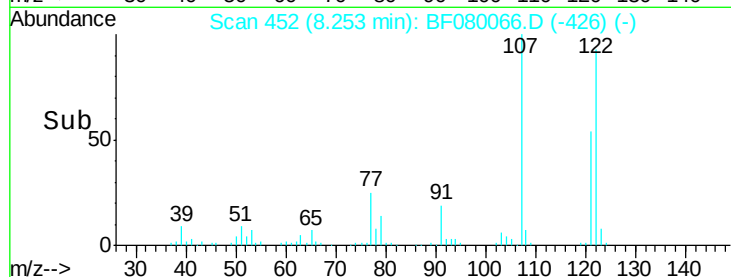
121 58.1 42.3 63.5



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: 50.91 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

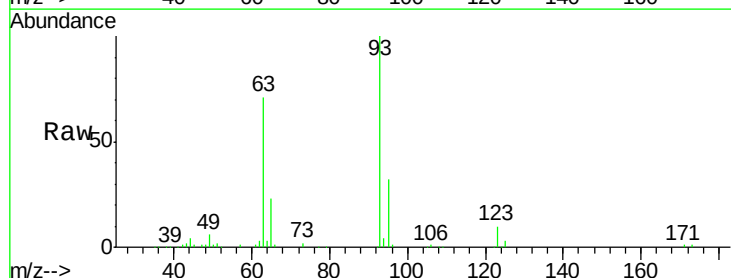
Tgt Ion: 93 Resp: 166982

Ion Ratio Lower Upper

93 100

95 32.4 27.5 41.3

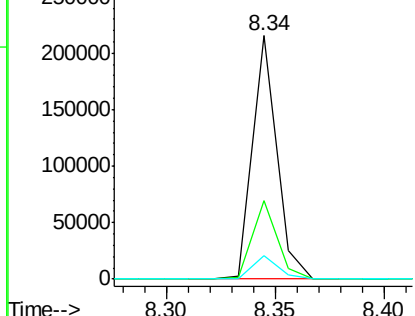
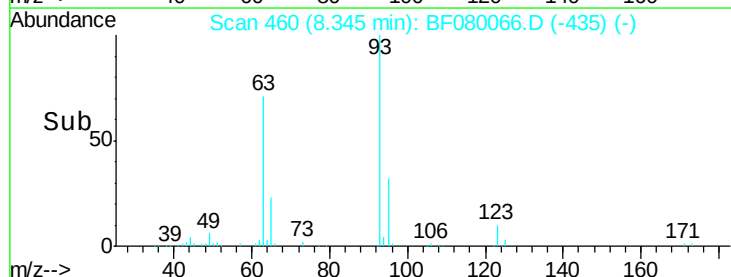
123 9.8 13.7 20.5#

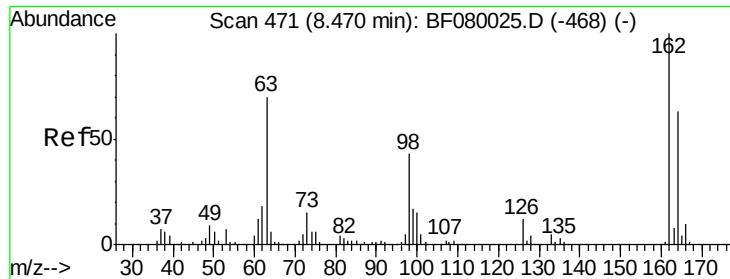


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

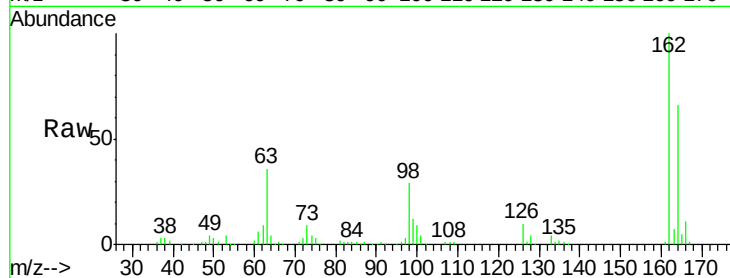




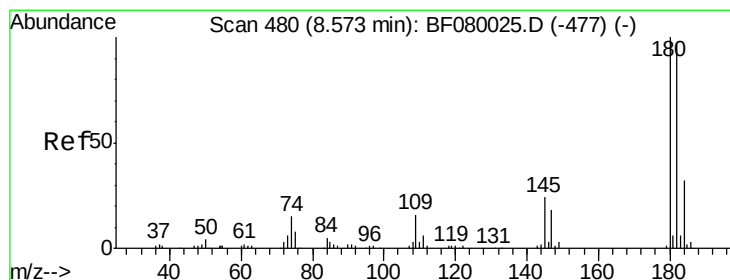
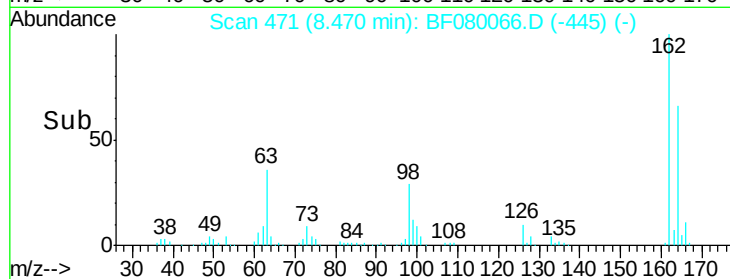
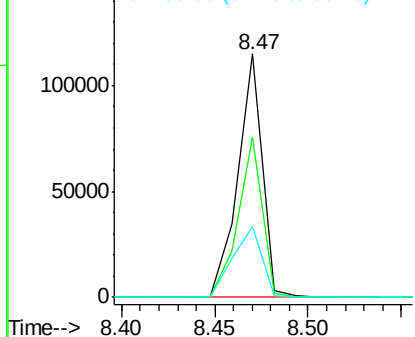
#29
 2,4-Dichlorophenol
 Concen: 49.17 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.9	84.9
98	29.3	13.0	53.0

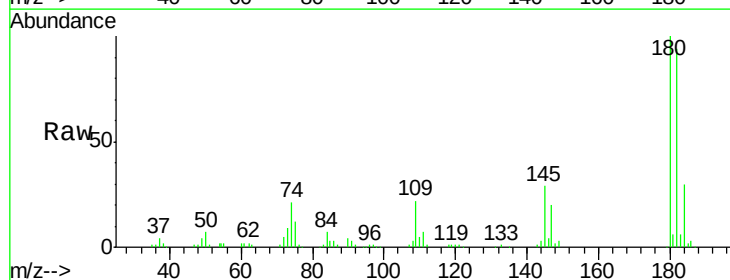


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

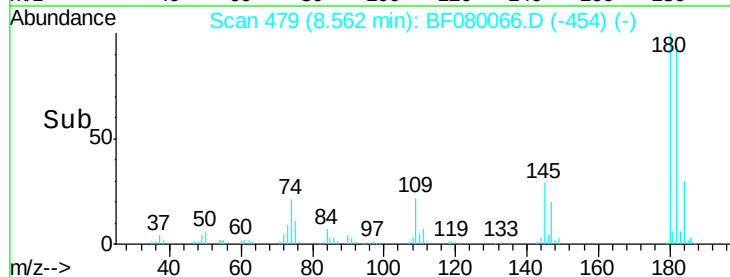
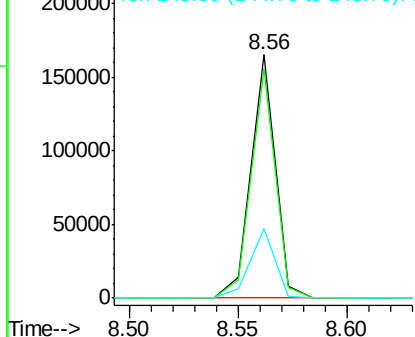


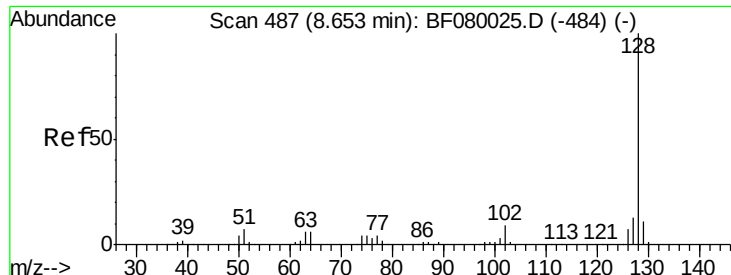
#30
 1,2,4-Trichlorobenzene
 Concen: 52.75 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.1	115.7
145	28.5	23.3	34.9



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

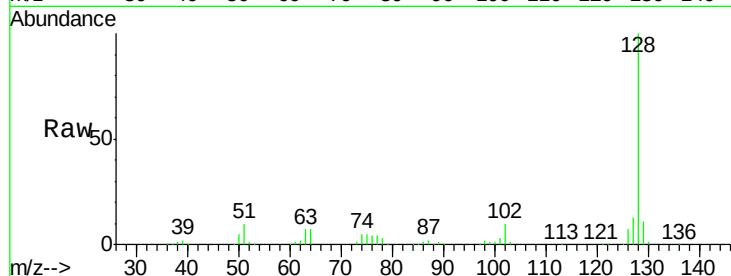




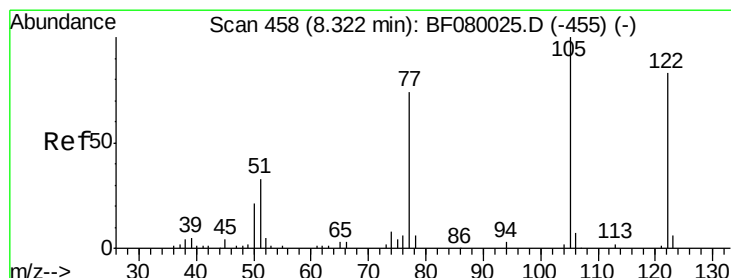
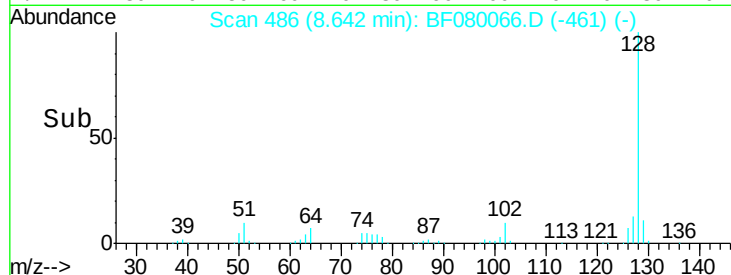
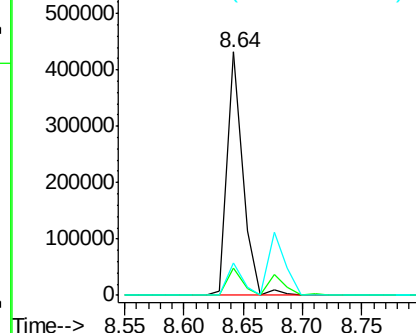
#31
Naphthalene
Concen: 46.11 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

Tgt Ion:128 Resp: 389258
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.1 9.9 14.9

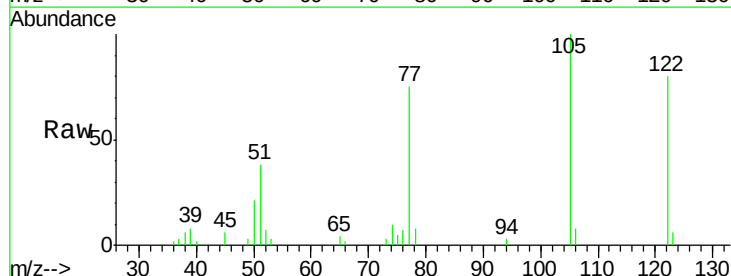


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

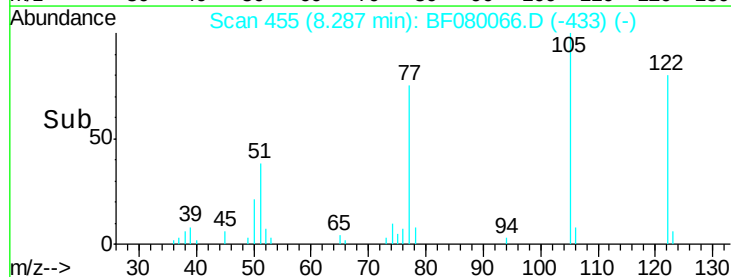
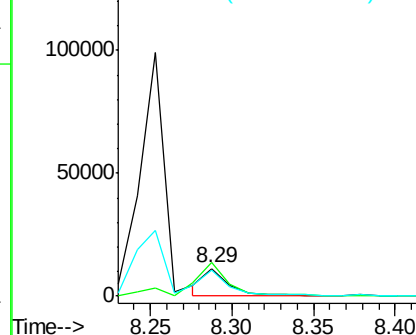


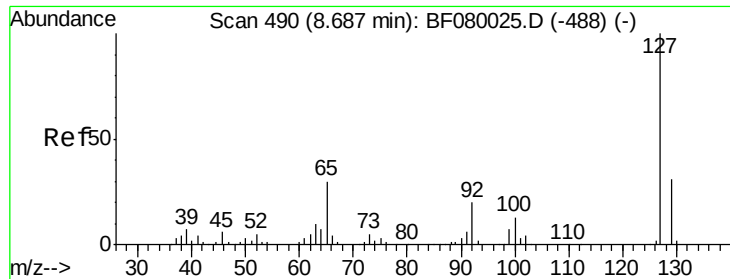
#32
Benzoic acid
Concen: 8.30 ng
RT: 8.29 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion:122 Resp: 12547
Ion Ratio Lower Upper
122 100
105 125.2 76.1 116.1#
77 94.4 40.5 80.5#



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

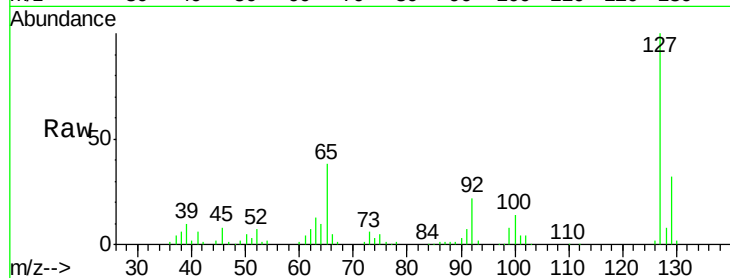




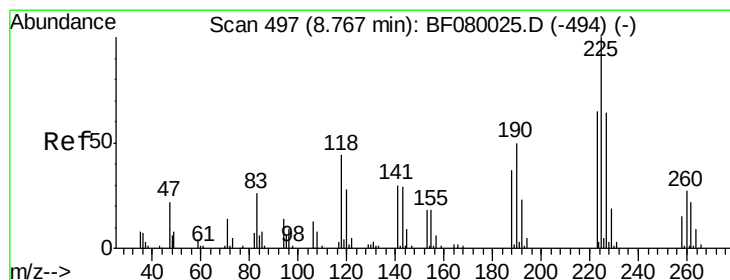
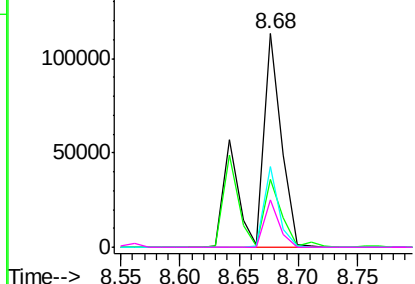
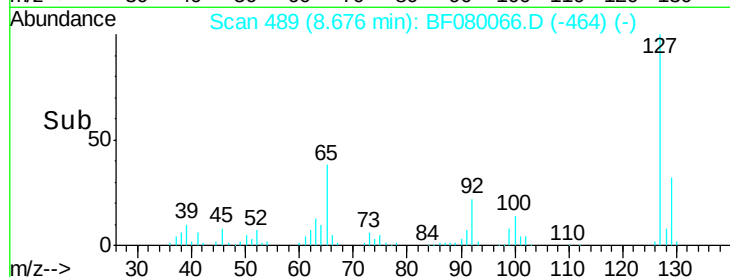
#33
4-Chloroaniline
Concen: 45.00 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

Tgt Ion:	127	Resp:	162610
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	37.8	17.9	26.9#
92	22.3	10.5	15.7#

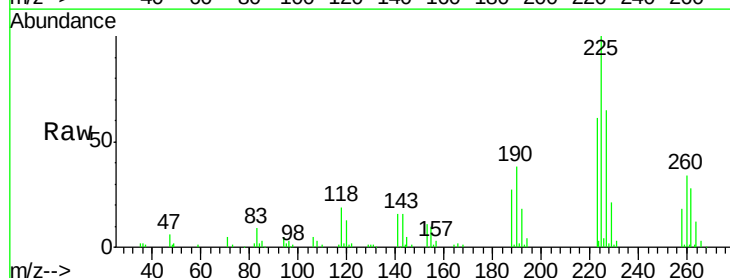


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

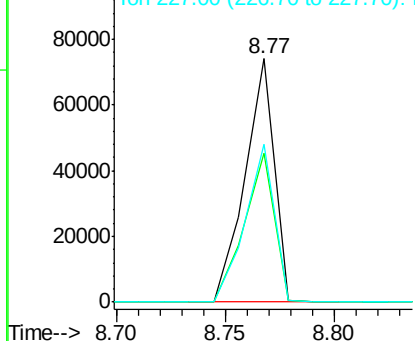
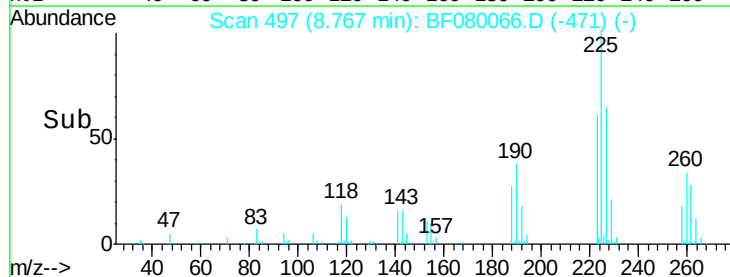


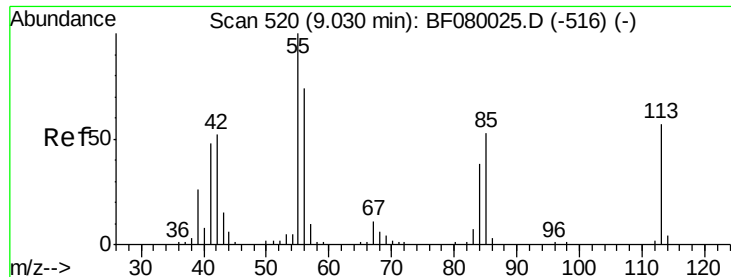
#34
Hexachlorobutadiene
Concen: 46.12 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion:	225	Resp:	69013
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.2
227	64.8	52.2	78.2



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

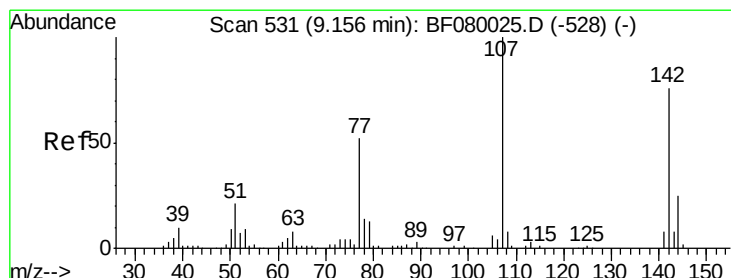
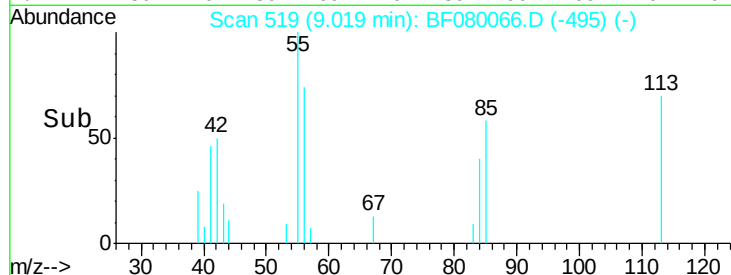
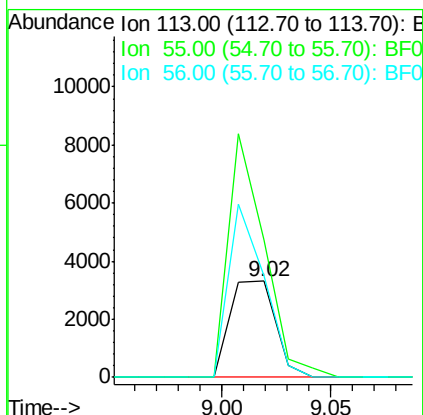
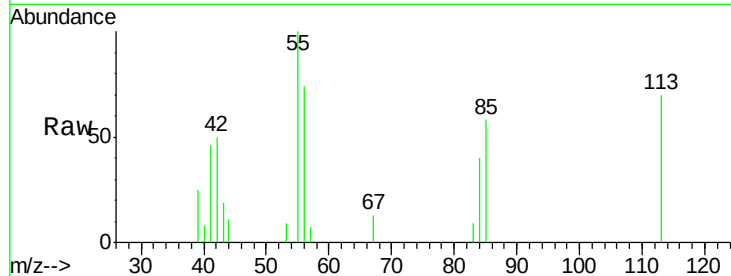




#35
 Caprolactam
 Concen: 6.92 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

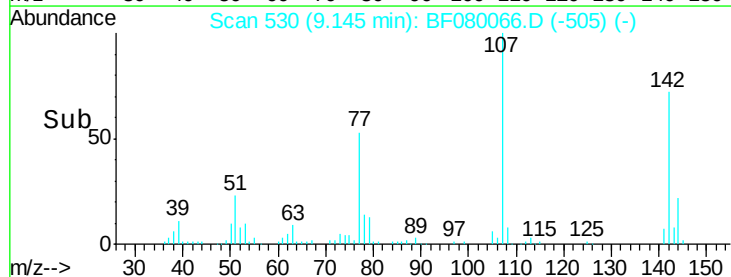
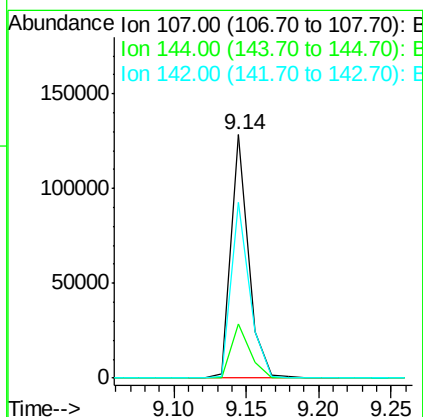
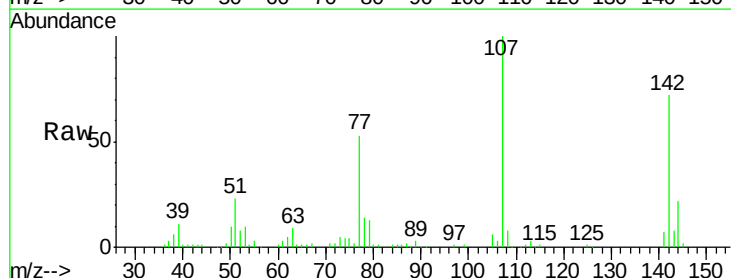
Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

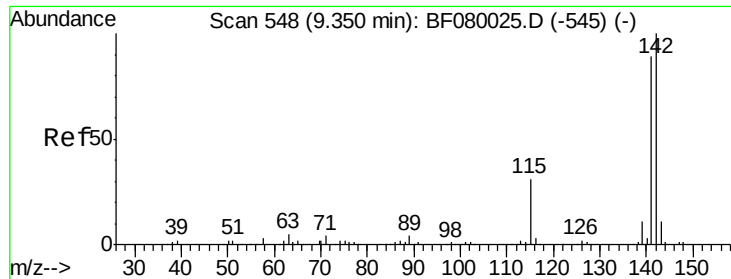
Tgt Ion:113 Resp: 4808
 Ion Ratio Lower Upper
 113 100
 55 143.5 152.4 192.4#
 56 106.1 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.62 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion:107 Resp: 107712
 Ion Ratio Lower Upper
 107 100
 144 22.4 25.4 38.0#
 142 72.1 77.3 115.9#

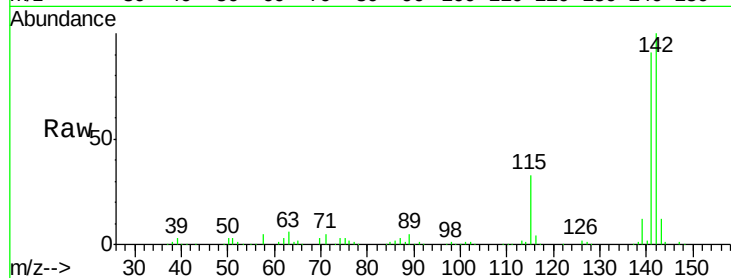




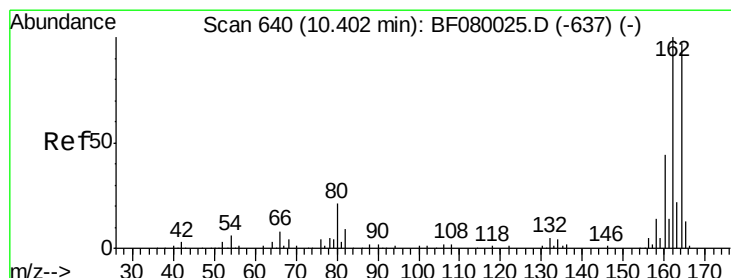
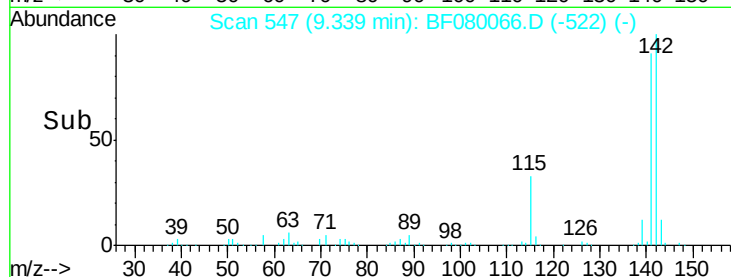
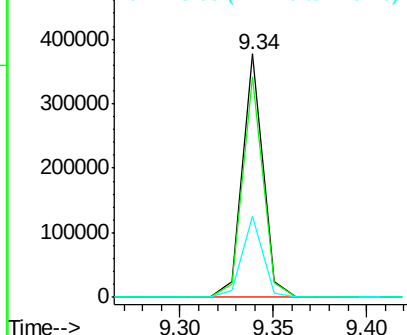
#37
 2-Methylnaphthalene
 Concen: 53.58 ng
 RT: 9.34 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.5	101.3
115	33.2	18.2	27.2

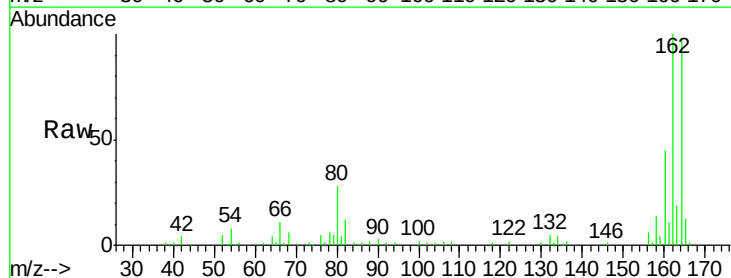


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

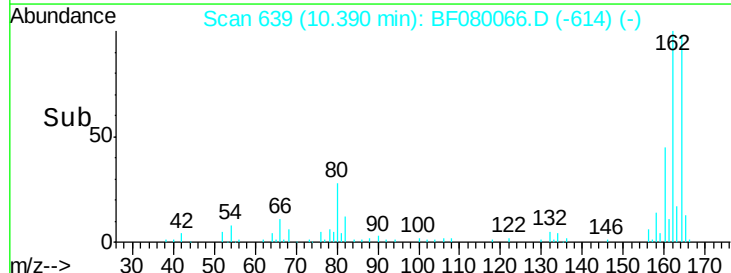
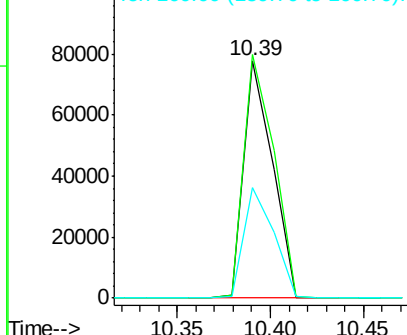


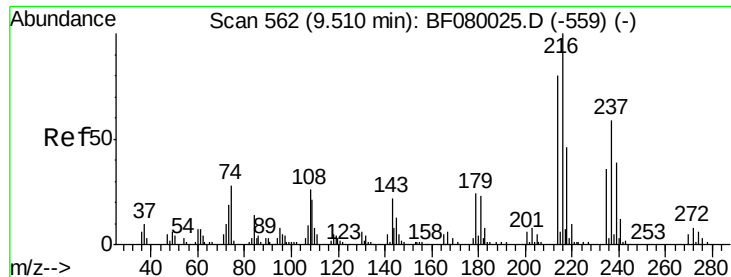
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	75.2	112.8
160	46.3	31.5	47.3



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: 55.60 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

Tgt Ion:216 Resp: 134602

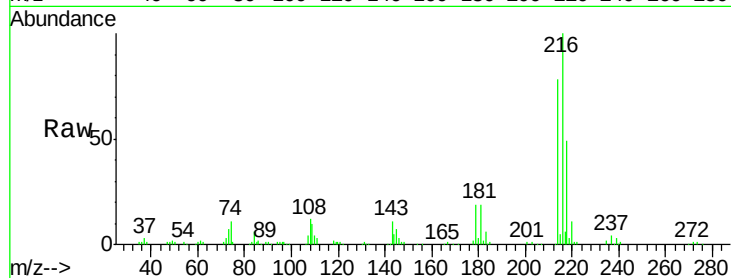
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 20.4 16.6 24.8

108 18.3 16.3 24.5

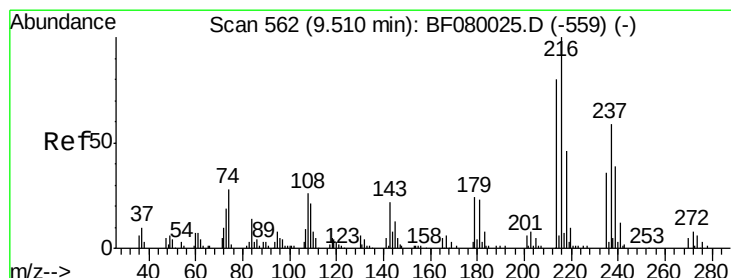
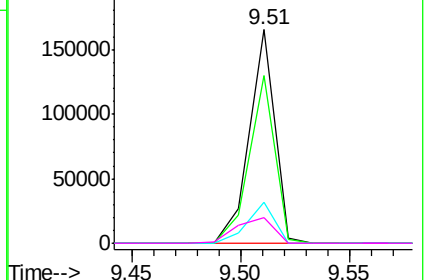
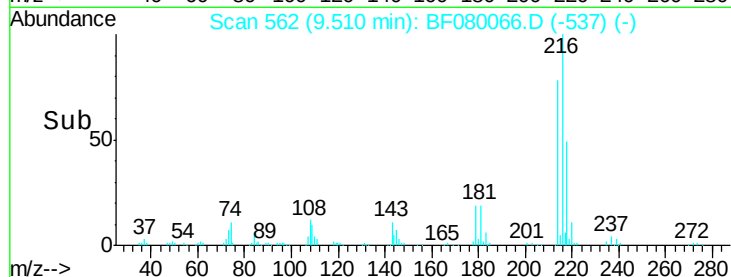


Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.90 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

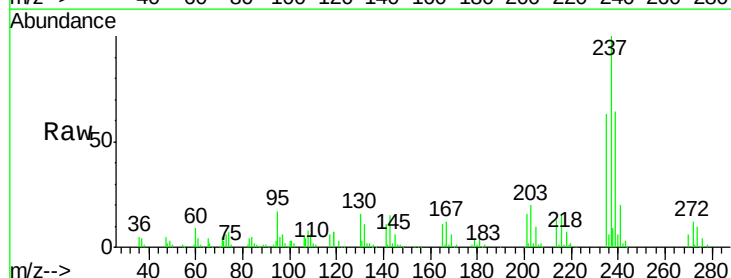
Tgt Ion:237 Resp: 131941

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

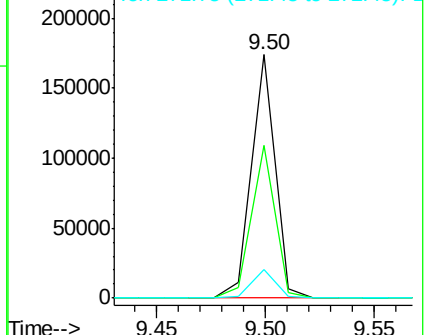
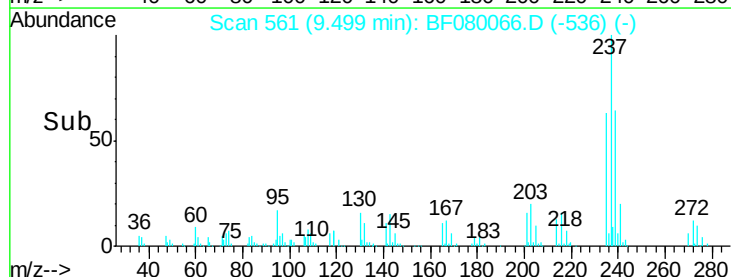
272 11.8 0.0 36.1

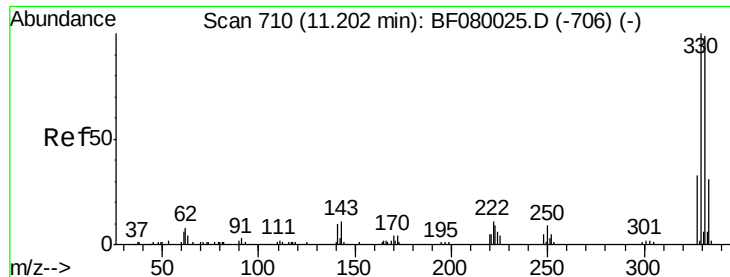


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

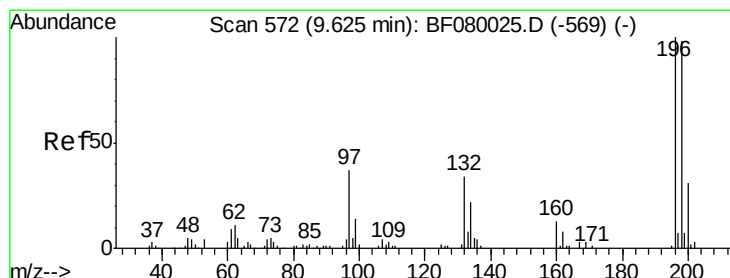
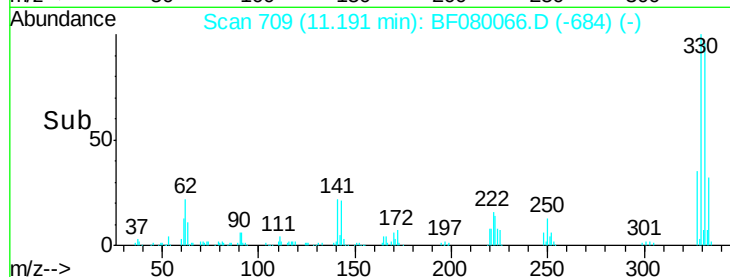
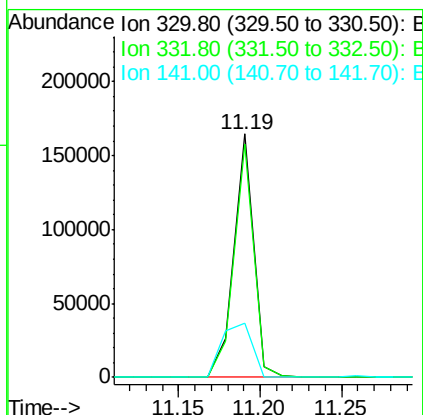
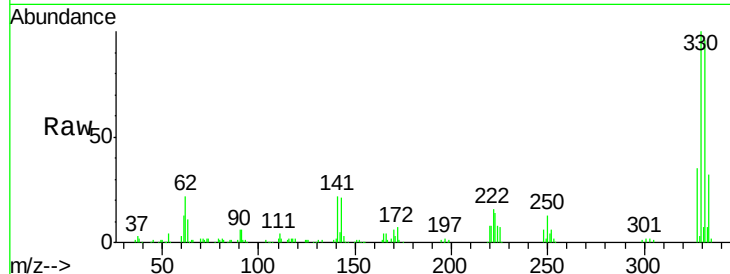




#41
 2,4,6-Tribromophenol
 Concen: 168.27 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

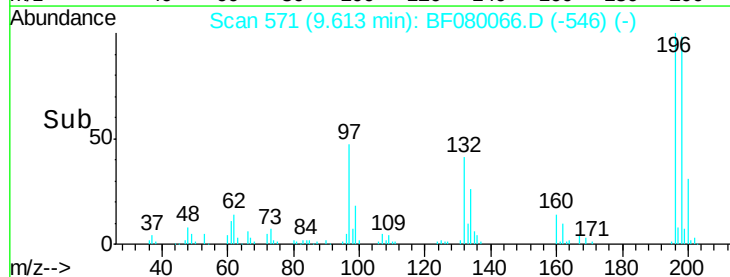
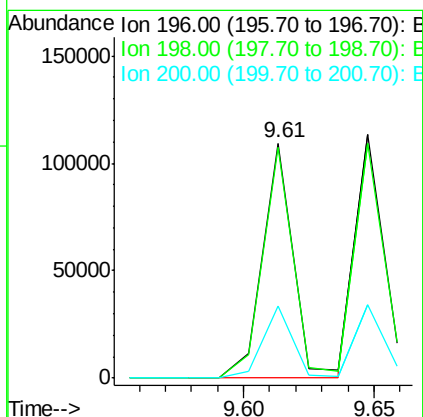
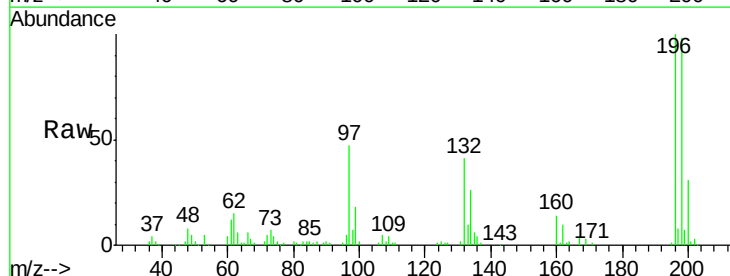
Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

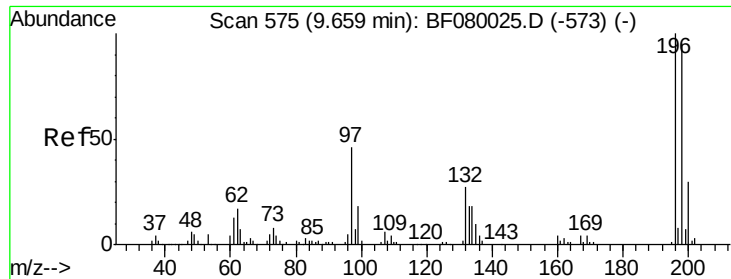
Tgt Ion:330 Resp: 136880
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 34.7 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 53.72 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion:196 Resp: 88477
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.7 113.5
 200 30.8 23.9 35.9

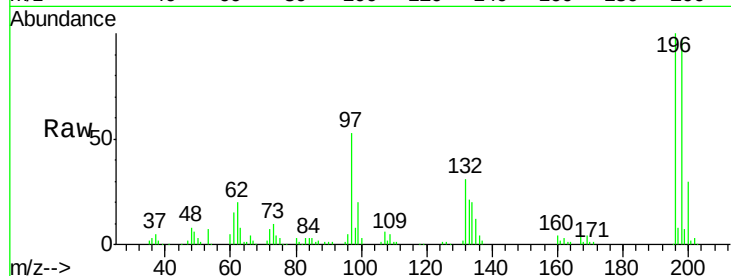




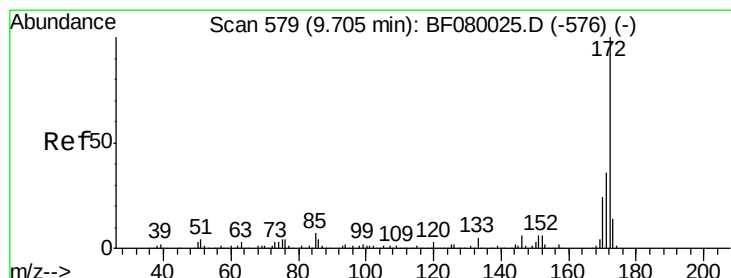
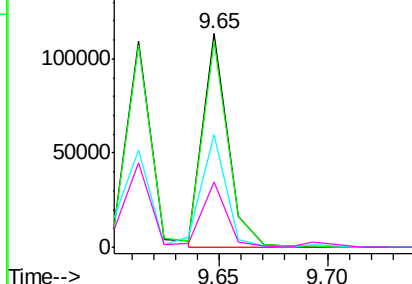
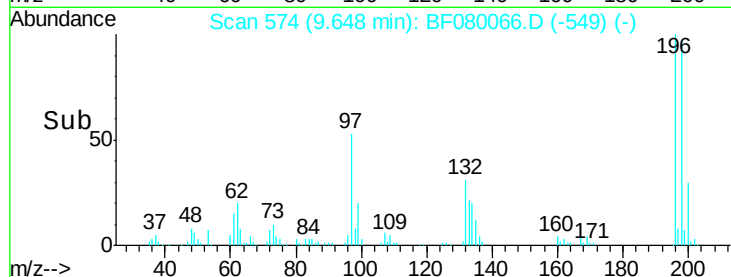
#43
 2,4,5-Trichlorophenol
 Concen: 47.53 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion:	196	Resp:	90193
Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.4	113.0
97	52.5	33.3	49.9#
132	30.5	24.6	37.0

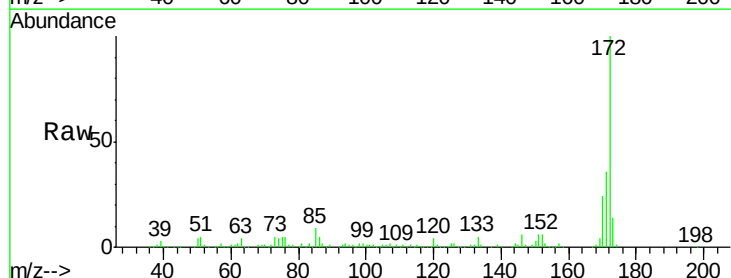


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

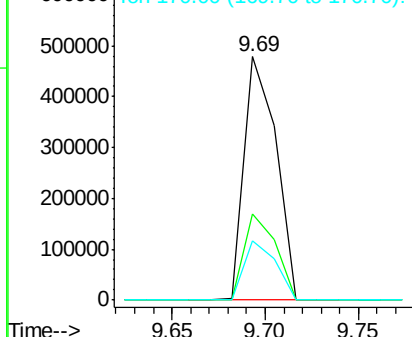
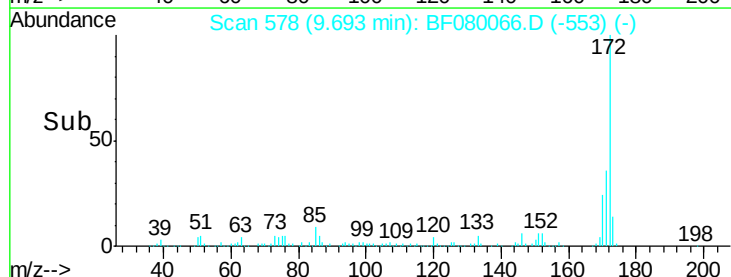


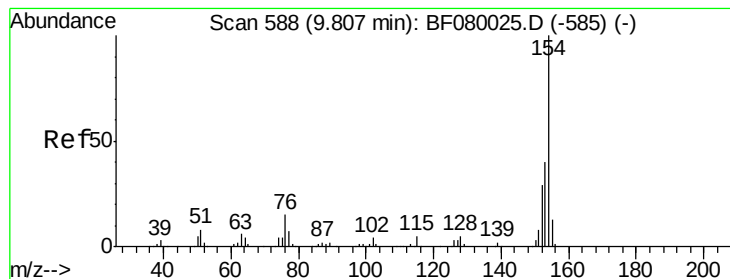
#44
 2-Fluorobiphenyl
 Concen: 97.08 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion:	172	Resp:	566262
Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.3	17.4	26.2



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: 49.12 ng

RT: 9.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

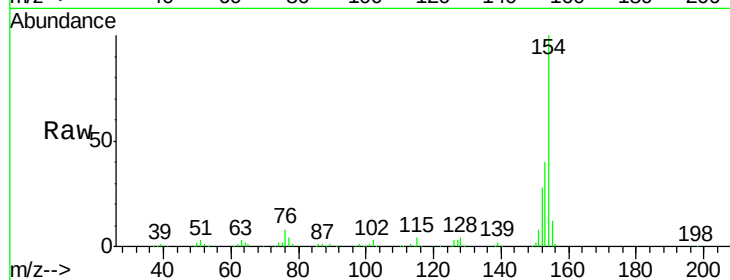
Tgt Ion:154 Resp: 332467

Ion Ratio Lower Upper

154 100

153 39.7 17.1 57.1

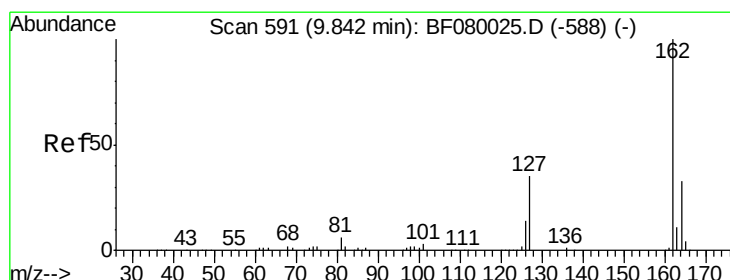
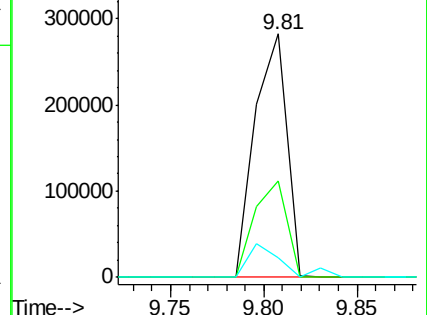
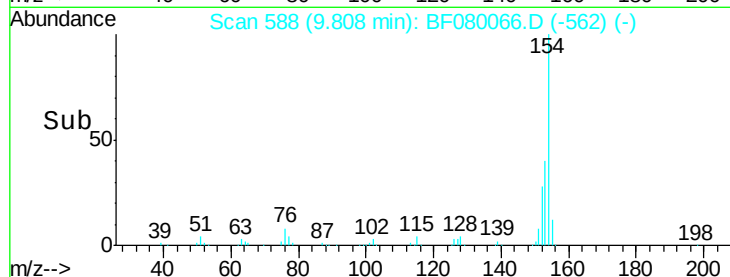
76 8.0 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.50 ng

RT: 9.83 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

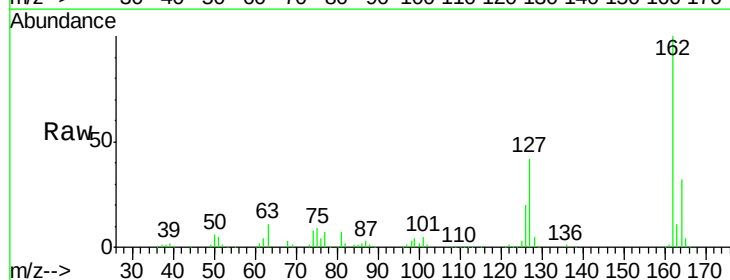
Tgt Ion:162 Resp: 266334

Ion Ratio Lower Upper

162 100

127 41.7 27.6 41.4#

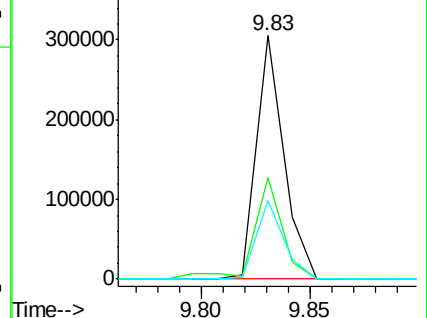
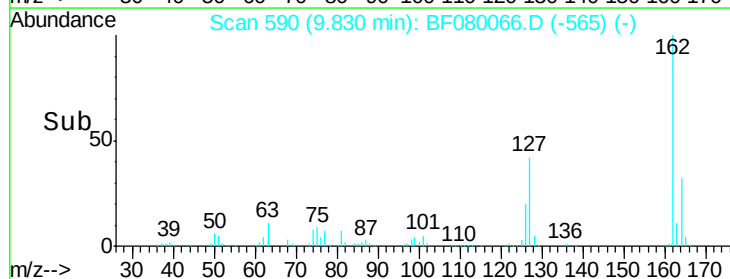
164 32.1 25.4 38.2

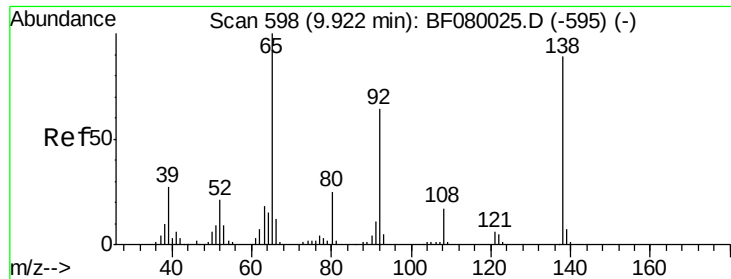


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.84 ng

RT: 9.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

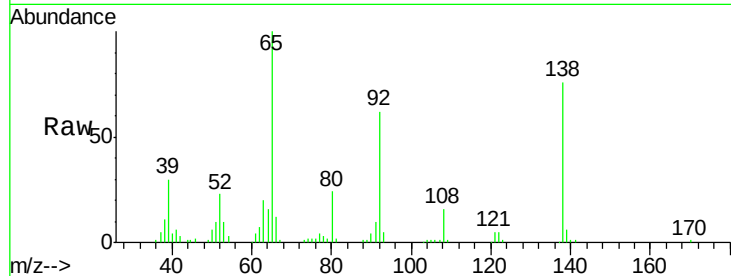
Tgt Ion: 65 Resp: 75134

Ion Ratio Lower Upper

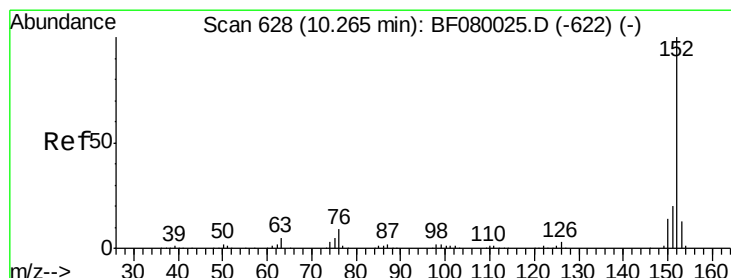
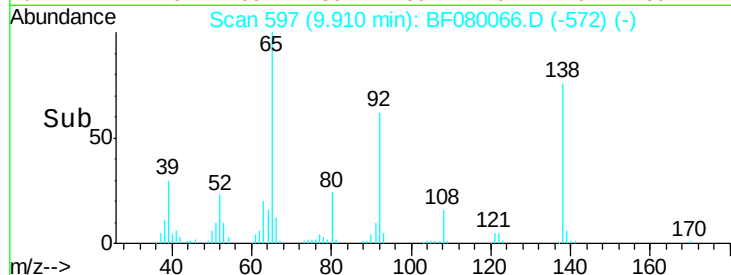
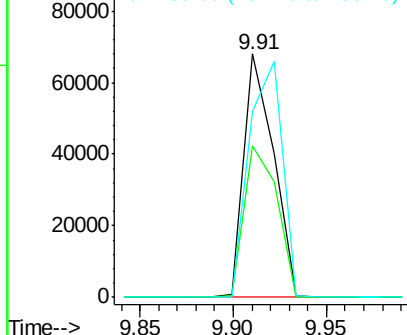
65 100

92 62.0 55.4 83.0

138 76.3 115.5 173.3#



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



#48

Acenaphthylene

Concen: 49.90 ng

RT: 10.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

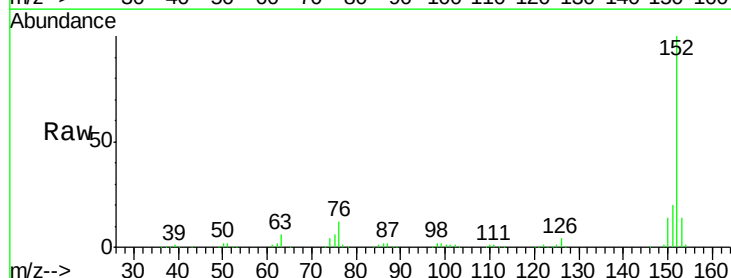
Tgt Ion: 152 Resp: 457399

Ion Ratio Lower Upper

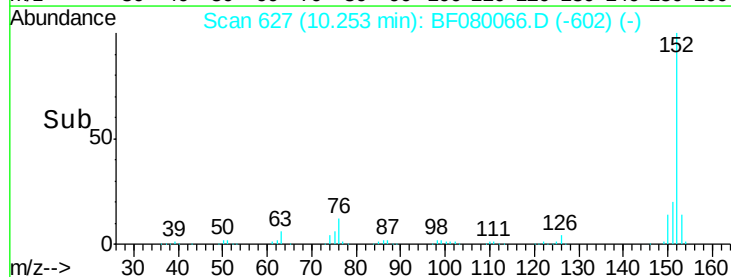
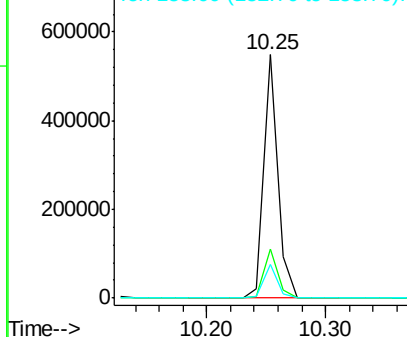
152 100

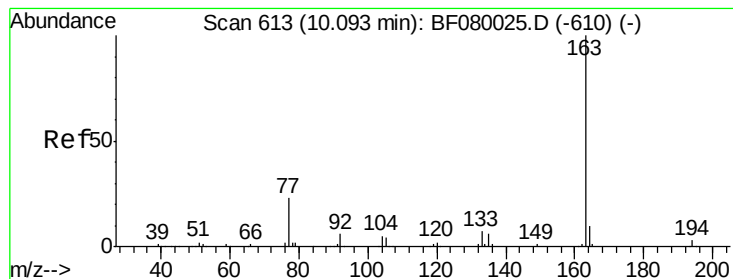
151 20.4 14.6 22.0

153 13.7 10.3 15.5



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





#49

Dimethylphthalate

Concen: 51.09 ng

RT: 10.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

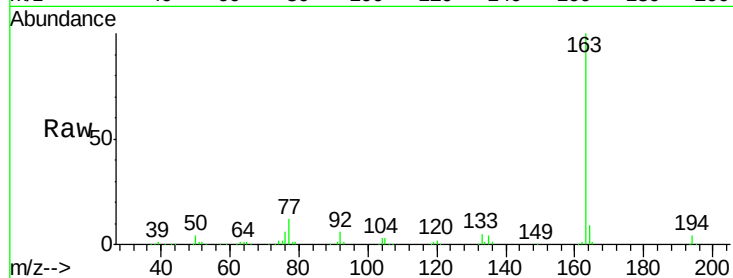
Tgt Ion:163 Resp: 319491

Ion Ratio Lower Upper

163 100

194 4.1 4.4 6.6#

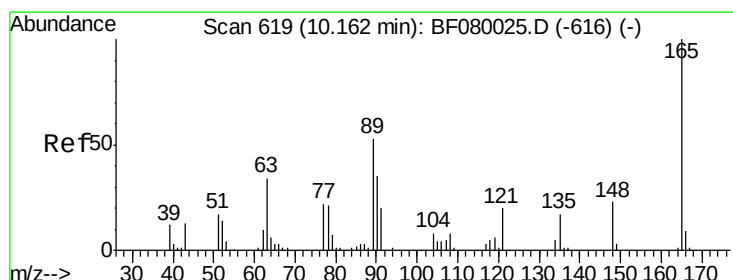
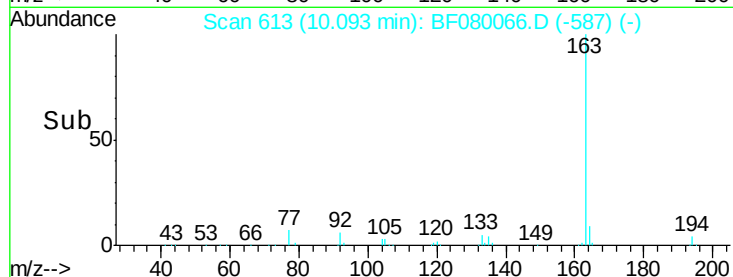
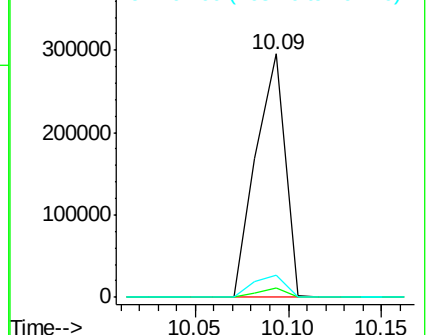
164 9.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.81 ng

RT: 10.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

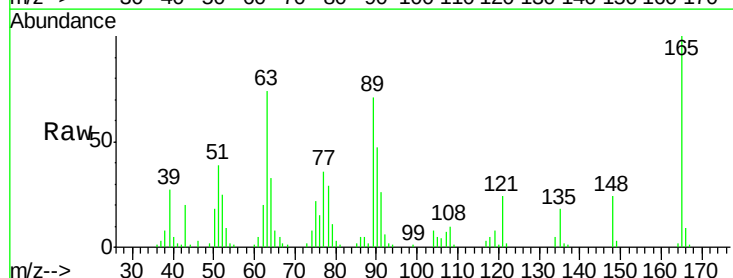
Tgt Ion:165 Resp: 64955

Ion Ratio Lower Upper

165 100

63 74.2 32.3 48.5#

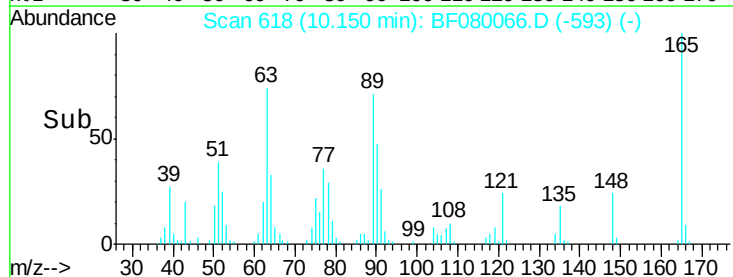
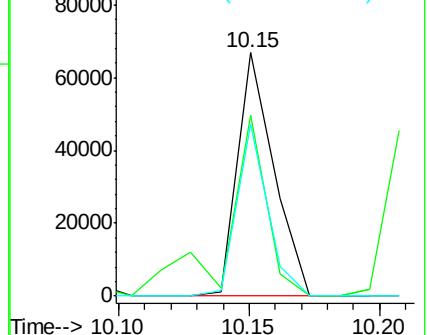
89 70.5 28.6 43.0#

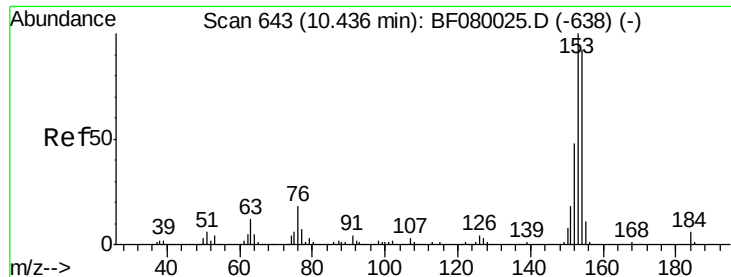


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.00 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

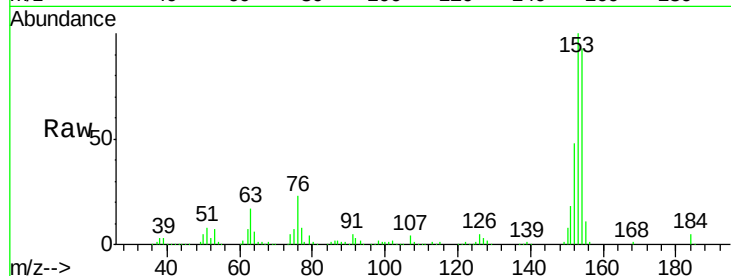
Tgt Ion:154 Resp: 285996

Ion Ratio Lower Upper

154 100

153 107.6 82.1 123.1

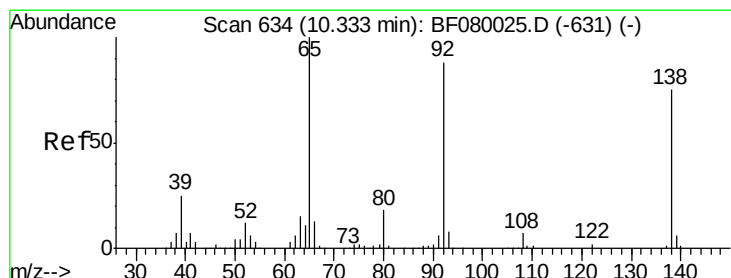
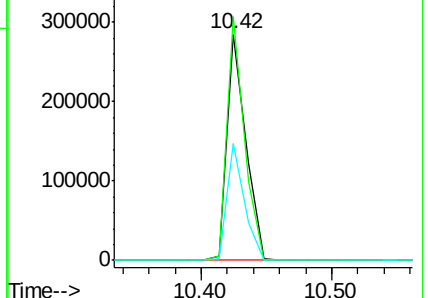
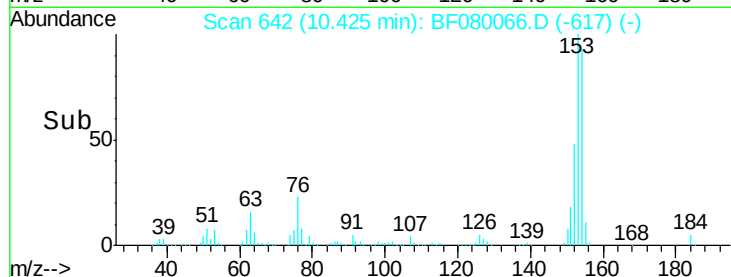
152 51.5 37.9 56.9



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: 40.70 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

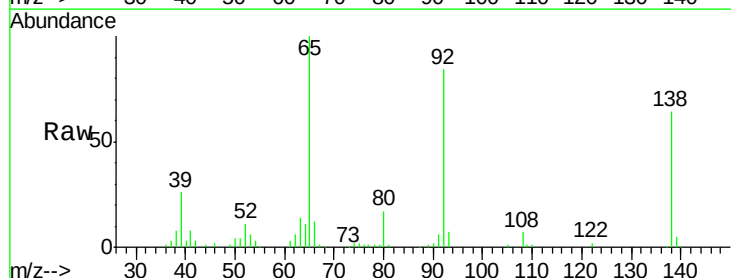
Tgt Ion:138 Resp: 58880

Ion Ratio Lower Upper

138 100

108 10.8 5.7 8.5#

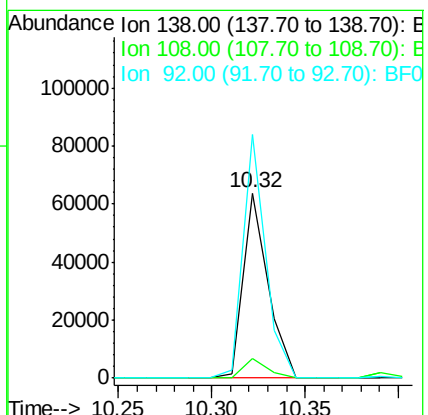
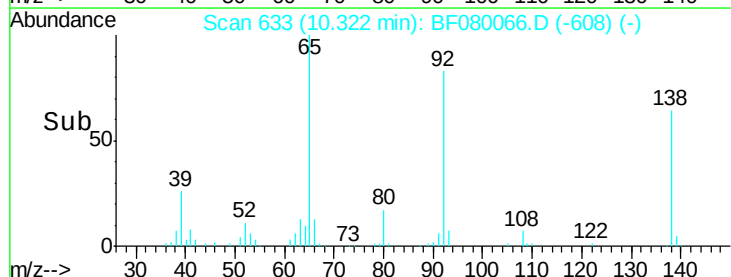
92 131.4 67.7 101.5#

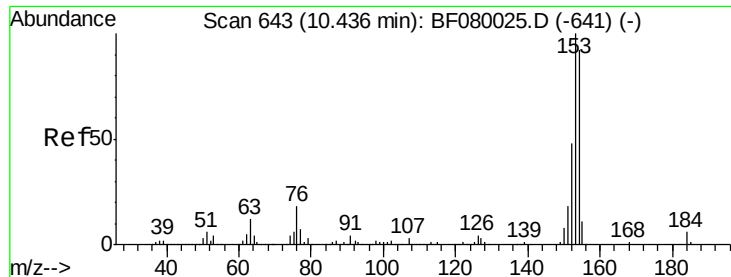


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

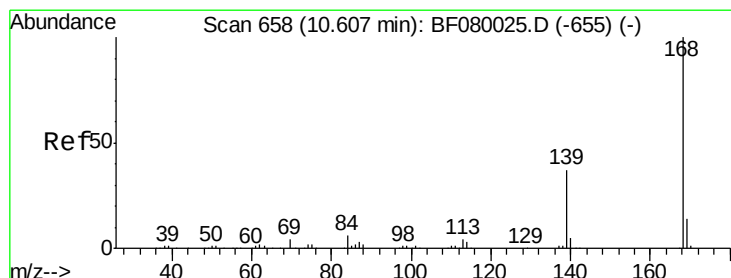
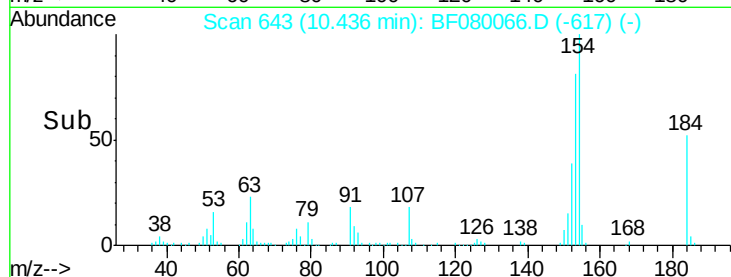
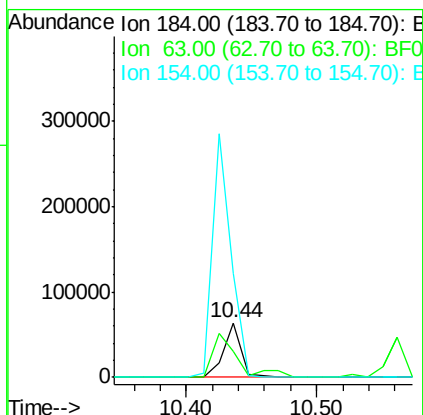
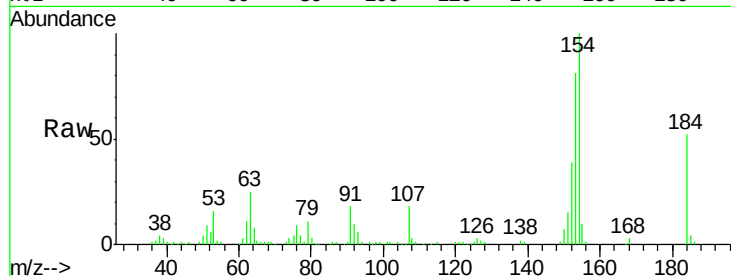




#53
 2,4-Dinitrophenol
 Concen: 114.50 ng
 RT: 10.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

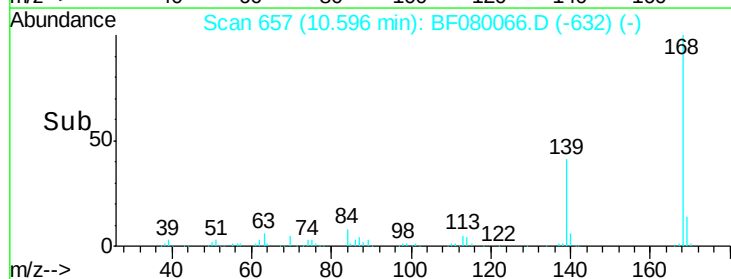
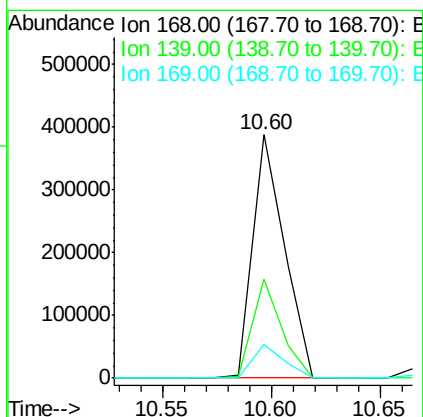
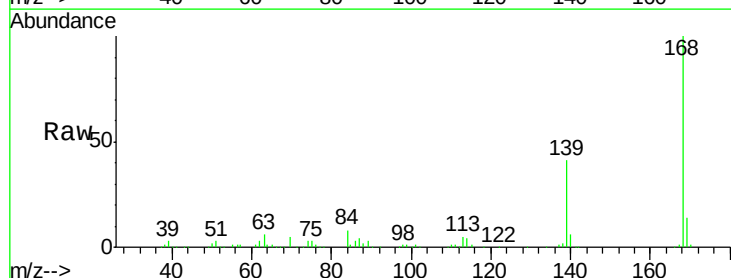
Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

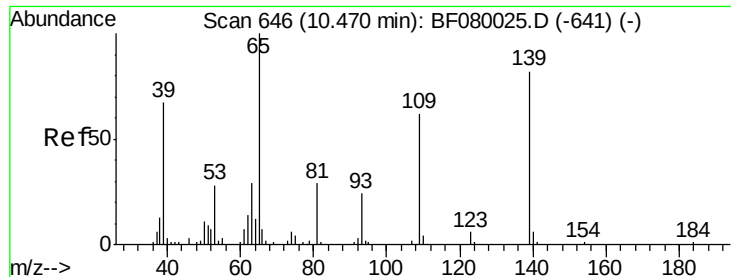
Tgt Ion:184 Resp: 59818
 Ion Ratio Lower Upper
 184 100
 63 47.7 35.4 53.2
 154 191.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 49.35 ng
 RT: 10.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion:168 Resp: 392699
 Ion Ratio Lower Upper
 168 100
 139 40.6 24.2 36.2#
 169 14.0 10.6 15.8





#55

4-Nitrophenol

Concen: 32.74 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

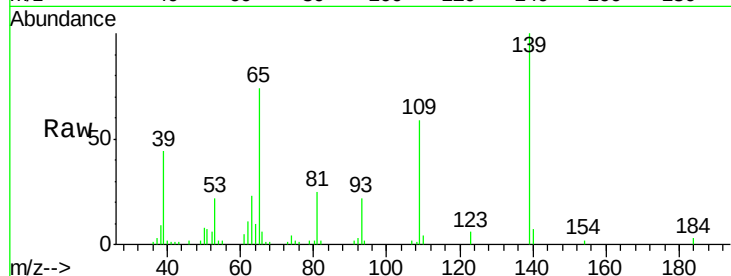
Tgt Ion:139 Resp: 37856

Ion Ratio Lower Upper

139 100

109 59.5 12.7 52.7#

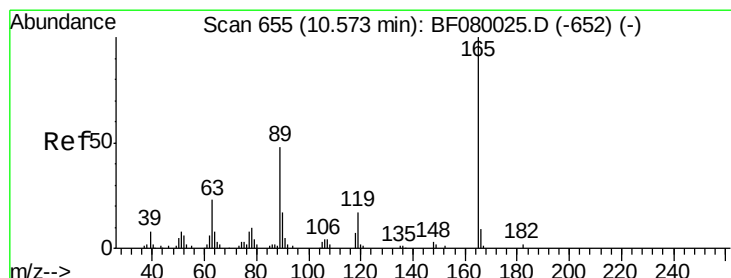
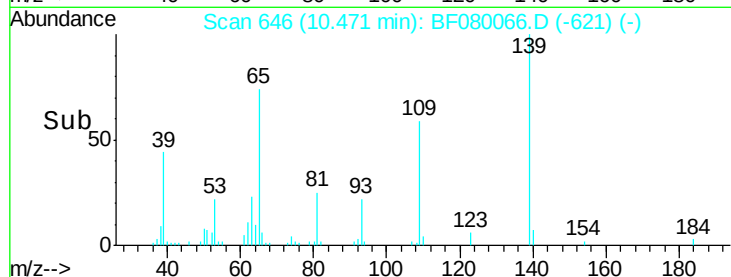
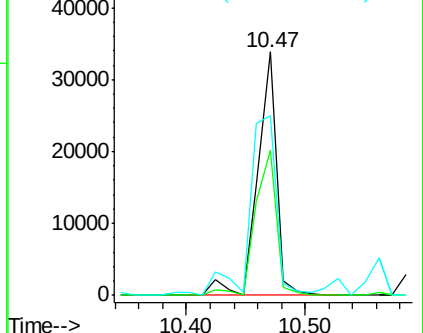
65 74.0 45.9 85.9



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: 63.72 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Tgt Ion:165 Resp: 101379

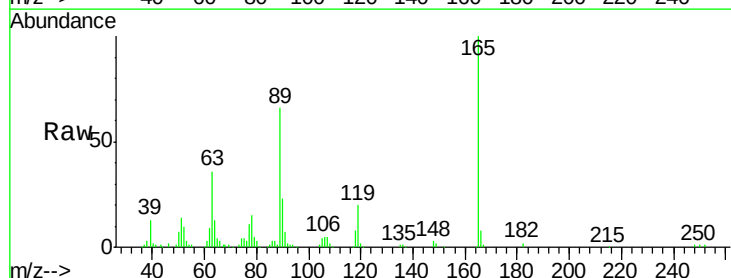
Ion Ratio Lower Upper

165 100

63 36.4 29.8 44.6

89 65.5 44.5 66.7

182 2.2 3.0 4.4#

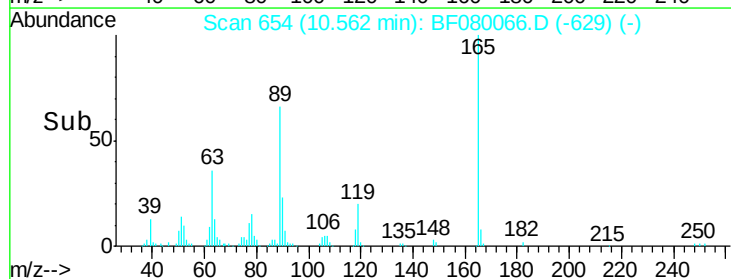
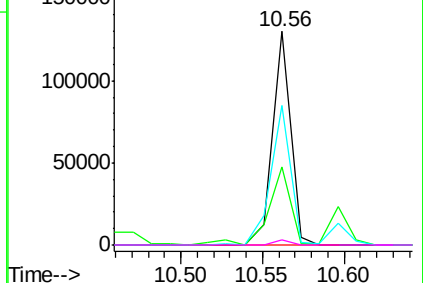


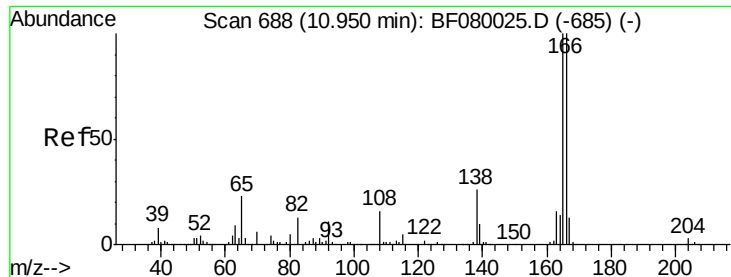
Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.56 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

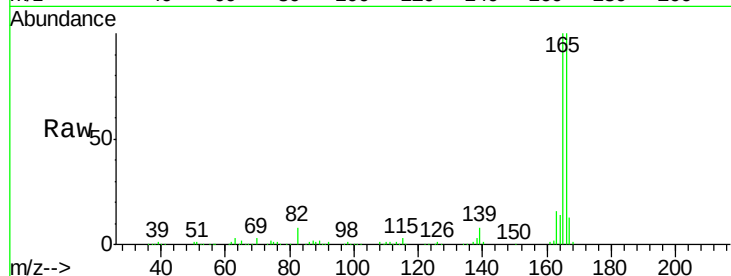
Tgt Ion:166 Resp: 325496

Ion Ratio Lower Upper

166 100

165 99.7 72.6 109.0

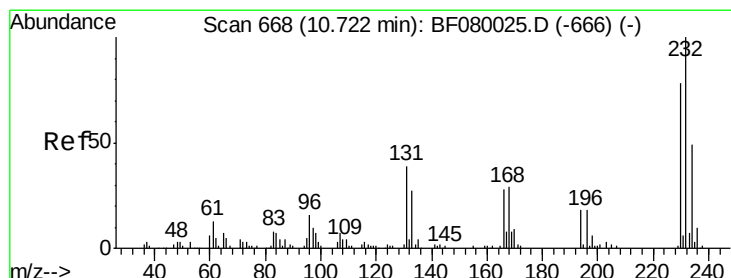
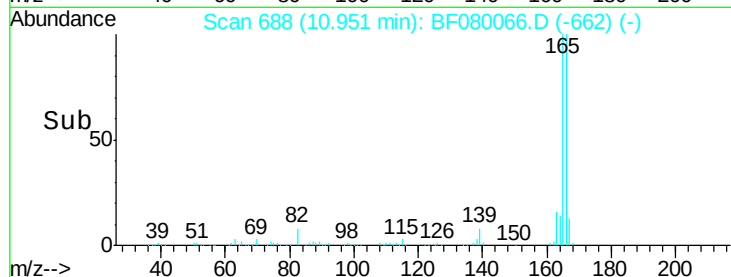
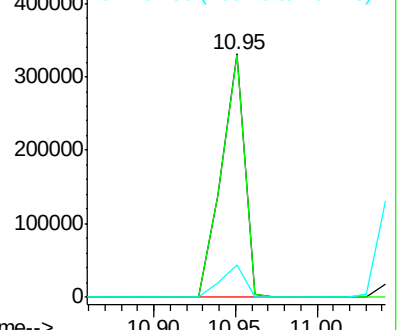
167 13.4 10.6 16.0



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: 49.05 ng

RT: 10.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Tgt Ion:232 Resp: 78581

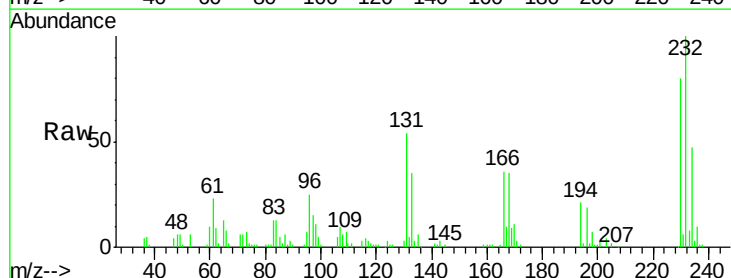
Ion Ratio Lower Upper

232 100

131 46.6 38.5 57.7

130 2.2 1.8 2.6

166 31.3 25.0 37.6

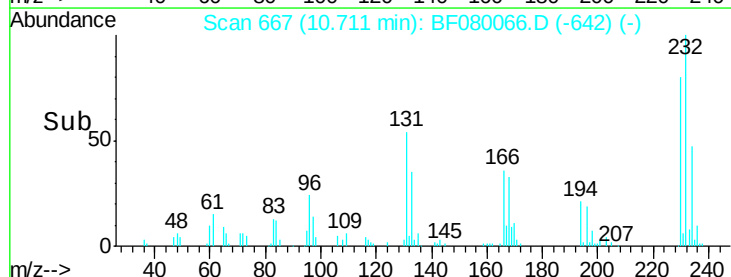
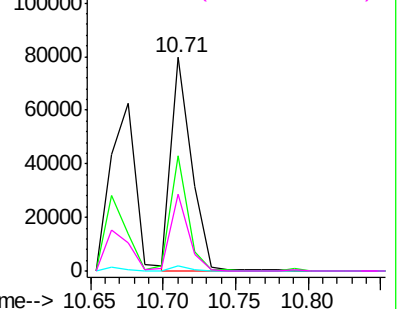


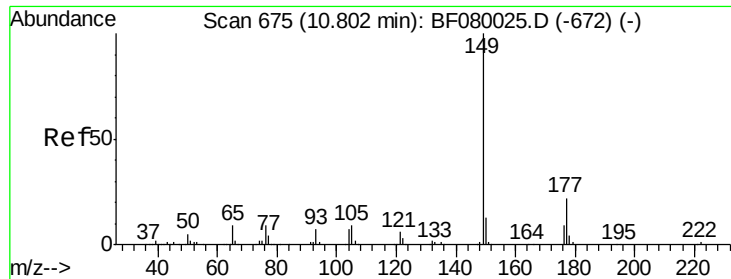
Abundance Ion 232.00 (231.70 to 232.70): E

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

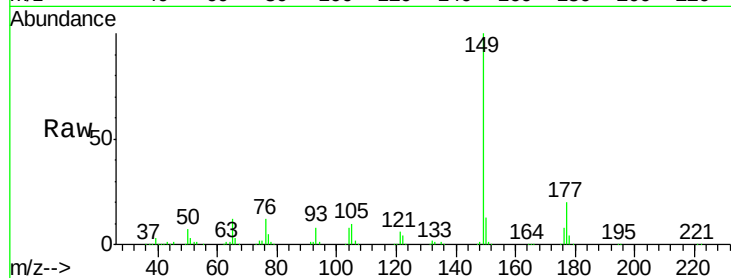




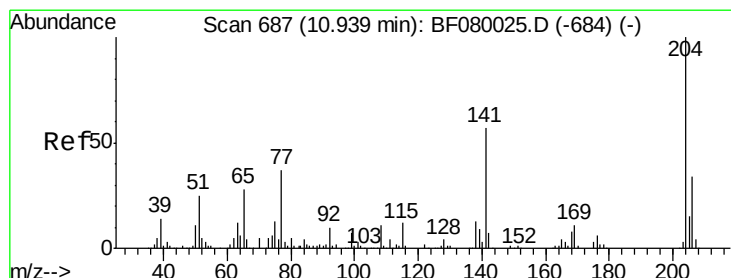
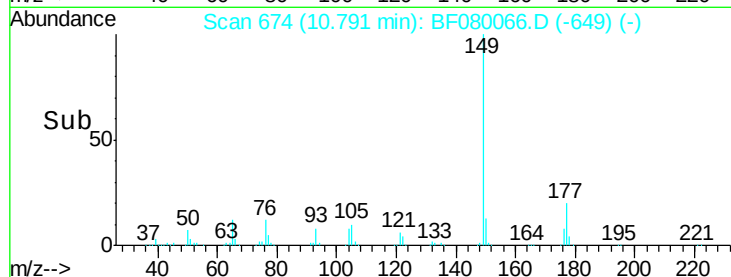
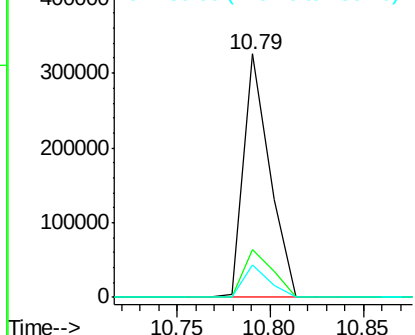
#59
Diethylphthalate
Concen: 50.34 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

Tgt Ion:149 Resp: 316974
Ion Ratio Lower Upper
149 100
177 19.7 17.5 26.3
150 13.2 9.4 14.2

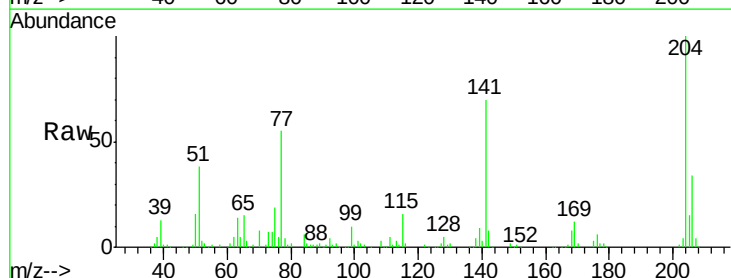


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

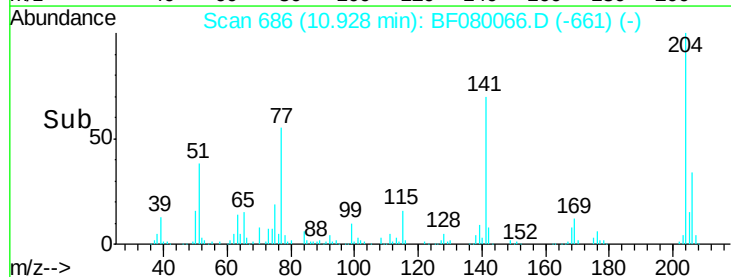
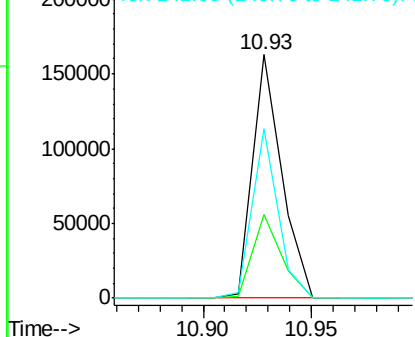


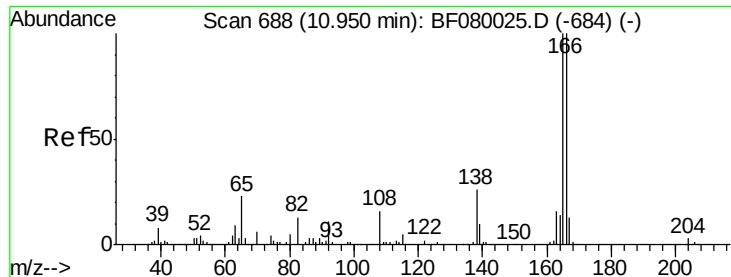
#60
4-Chlorophenyl-phenylether
Concen: 49.98 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion:204 Resp: 151648
Ion Ratio Lower Upper
204 100
206 34.4 24.8 37.2
141 69.8 42.2 63.4#



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: 49.75 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

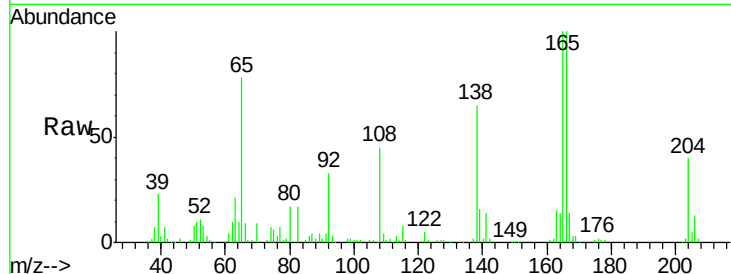
Tgt Ion:138 Resp: 74319

Ion Ratio Lower Upper

138 100

92 51.0 12.6 52.6

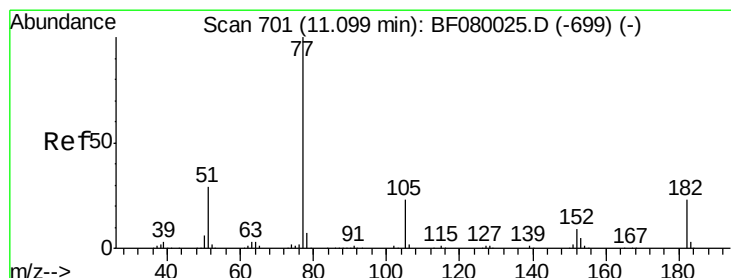
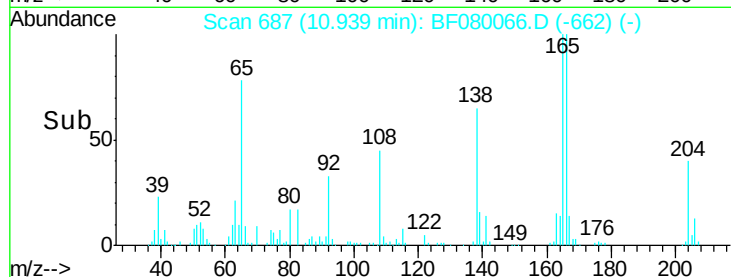
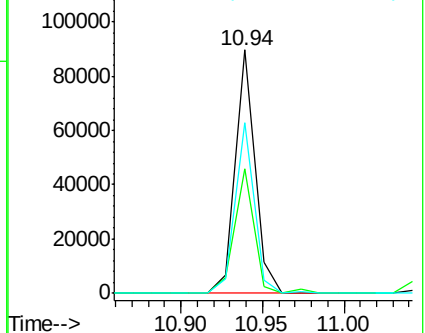
108 70.3 12.4 52.4#



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: 49.62 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Tgt Ion: 77 Resp: 318085

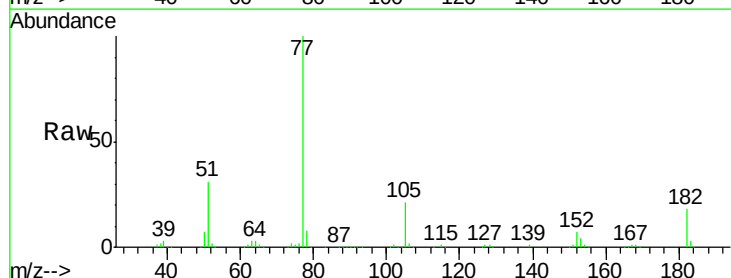
Ion Ratio Lower Upper

77 100

182 17.9 15.1 55.1

105 20.8 3.4 43.4

51 31.5 12.0 52.0

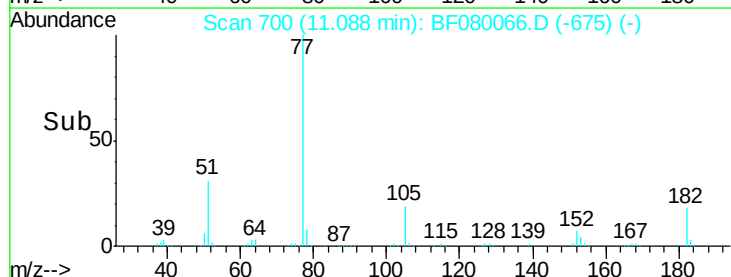
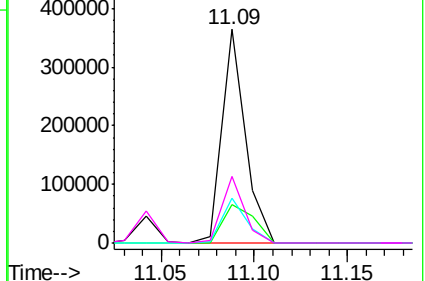


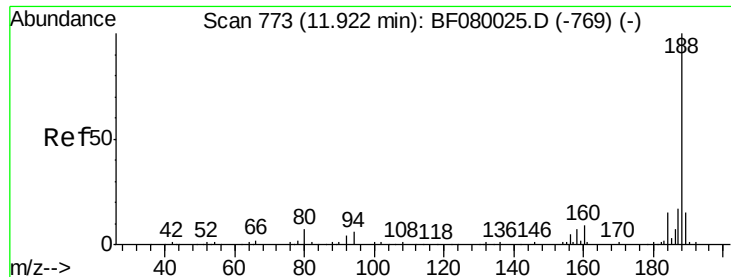
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

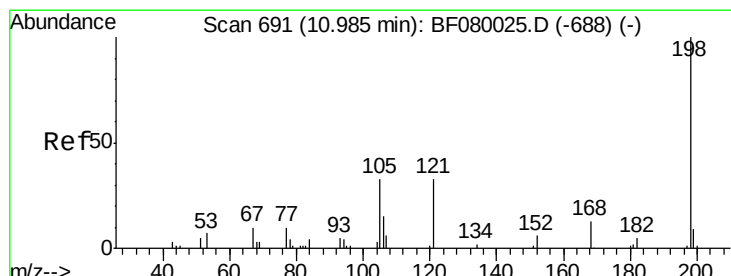
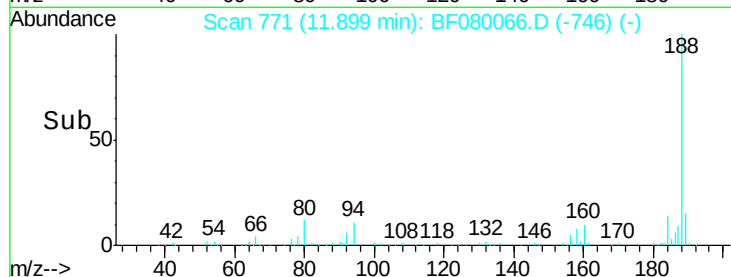
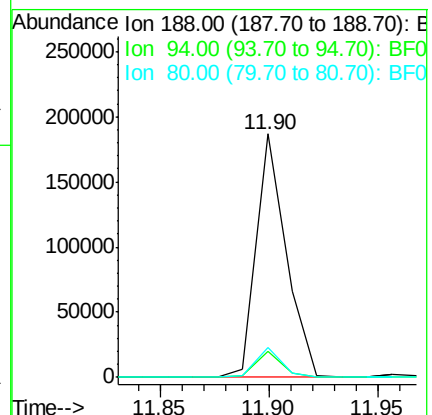
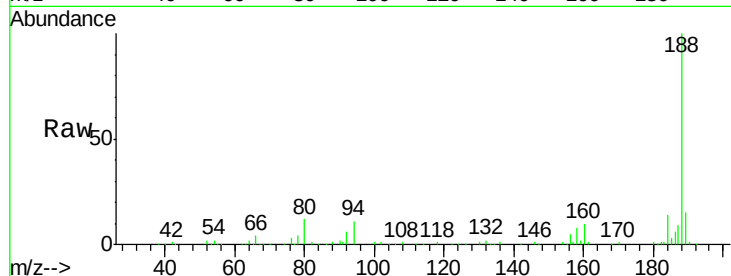




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

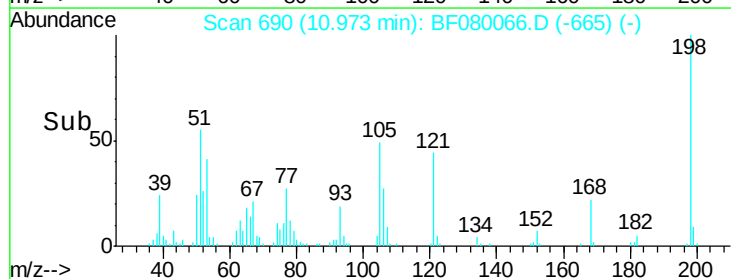
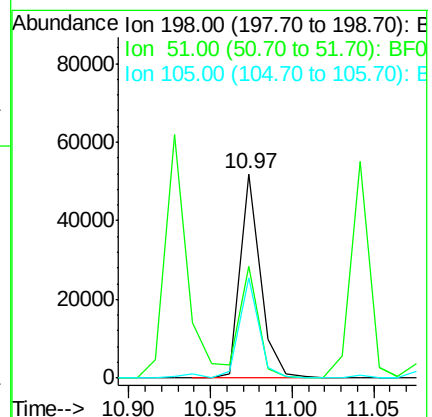
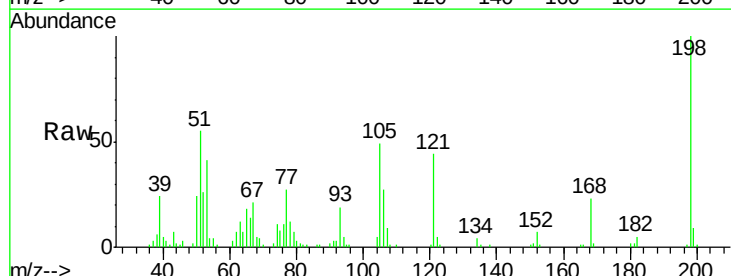
Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

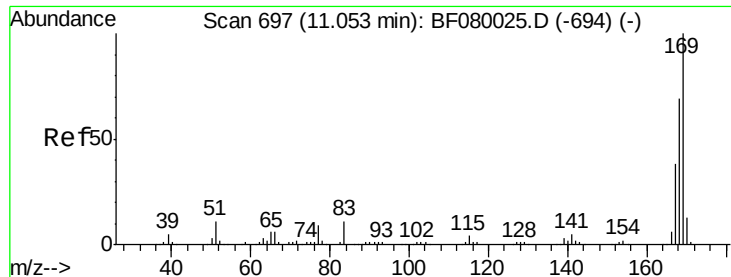
Tgt Ion:188 Resp: 178315
Ion Ratio Lower Upper
188 100
94 10.9 11.1 16.7#
80 12.4 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 48.74 ng
RT: 10.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion:198 Resp: 44053
Ion Ratio Lower Upper
198 100
51 54.6 39.6 79.6
105 49.3 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 48.85 ng

RT: 11.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

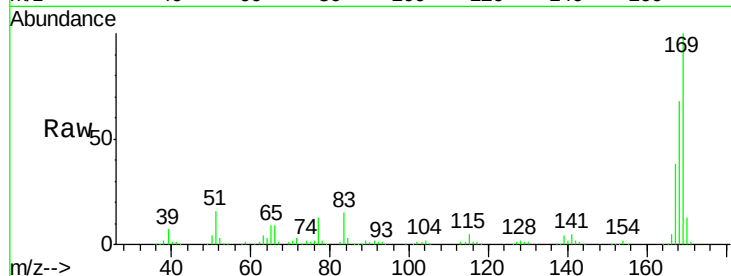
Tgt Ion:169 Resp: 283620

Ion Ratio Lower Upper

169 100

168 68.2 48.9 73.3

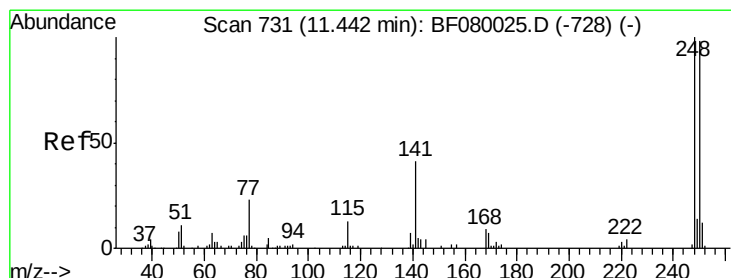
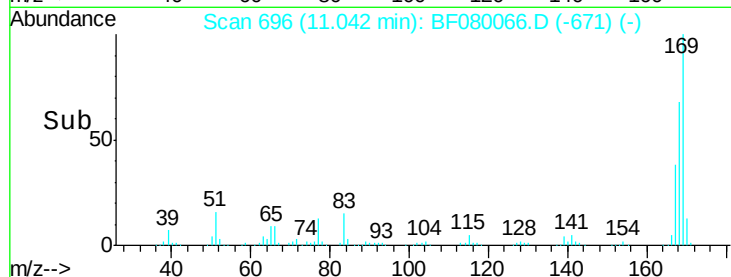
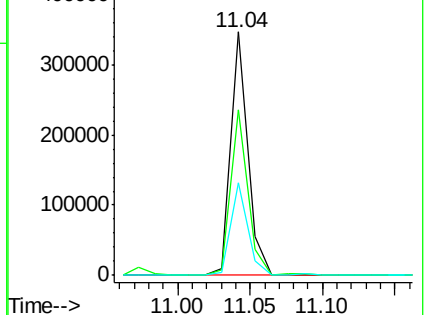
167 37.8 26.2 39.4



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: 52.83 ng

RT: 11.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

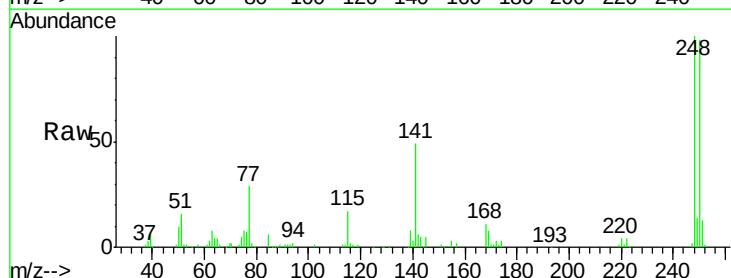
Tgt Ion:248 Resp: 100176

Ion Ratio Lower Upper

248 100

250 97.9 78.5 117.7

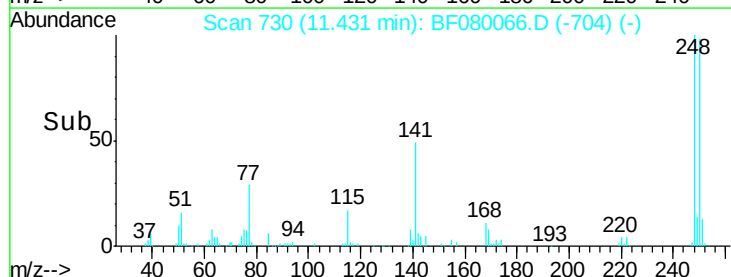
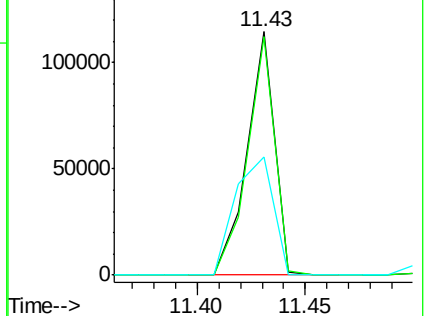
141 48.6 59.0 88.6#

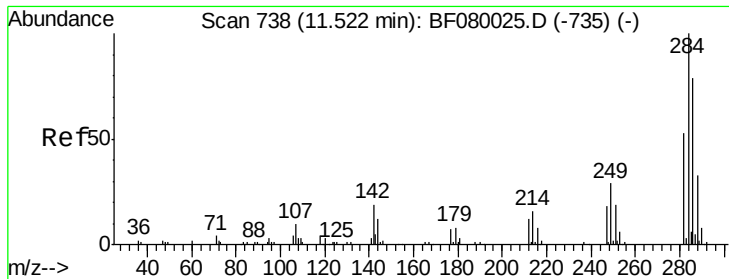


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

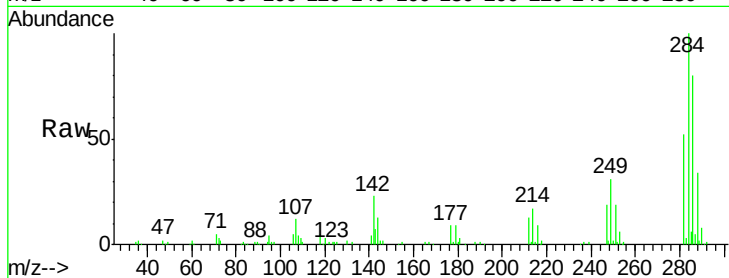




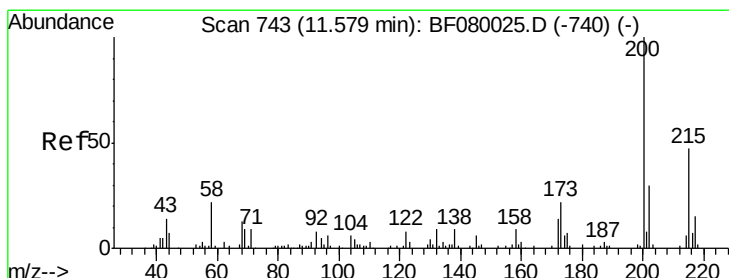
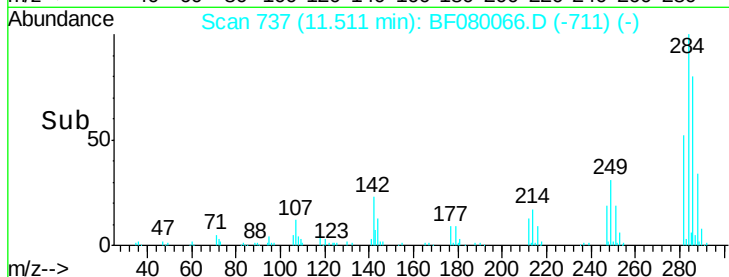
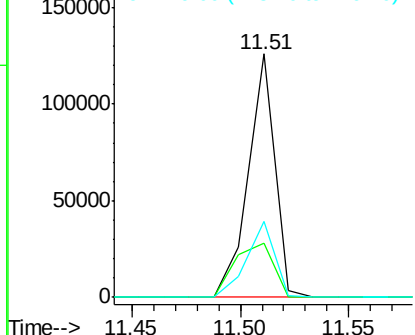
#67
Hexachlorobenzene
Concen: 50.63 ng
RT: 11.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

Tgt Ion:284 Resp: 106690
Ion Ratio Lower Upper
284 100
142 22.5 29.5 44.3#
249 31.1 19.5 29.3#

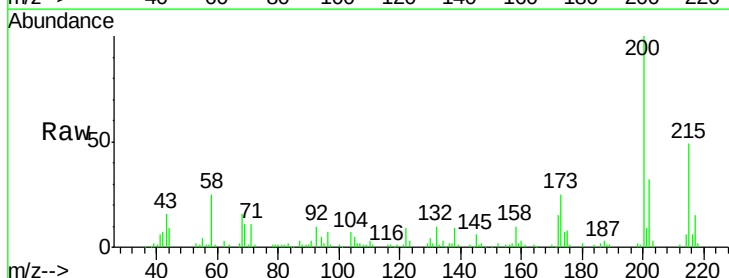


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

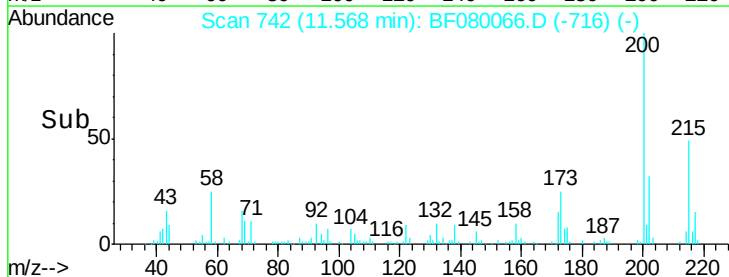
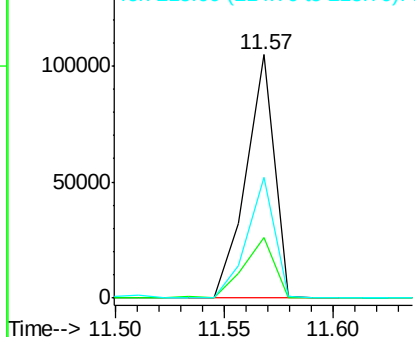


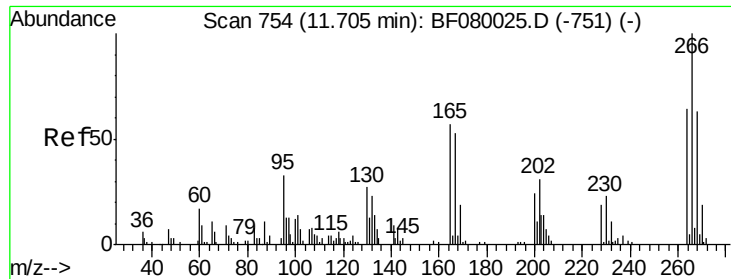
#68
Atrazine
Concen: 51.55 ng
RT: 11.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion:200 Resp: 94576
Ion Ratio Lower Upper
200 100
173 24.8 13.2 53.2
215 49.4 41.8 81.8



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

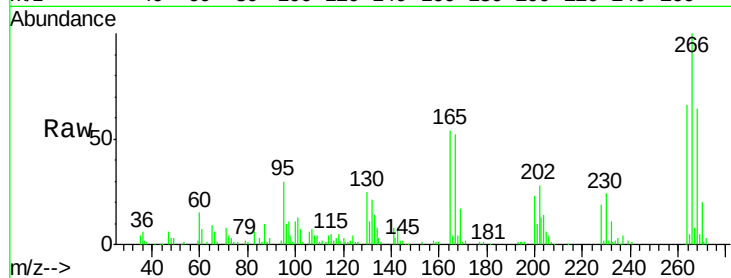




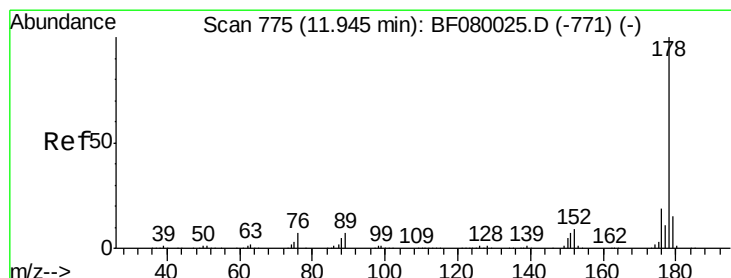
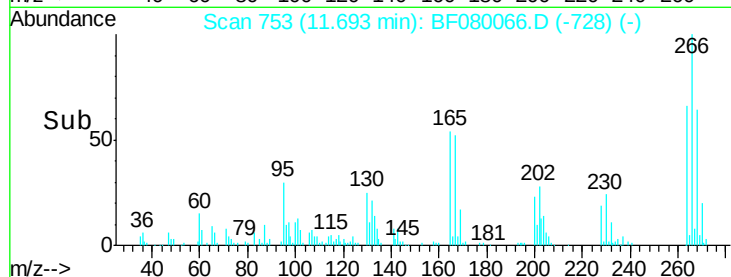
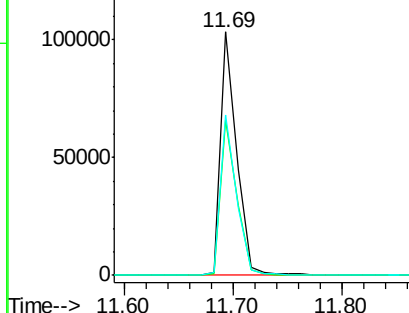
#69
 Pentachlorophenol
 Concen: 90.33 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion:266 Resp: 107863
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.8 74.6
 264 65.8 50.2 75.2

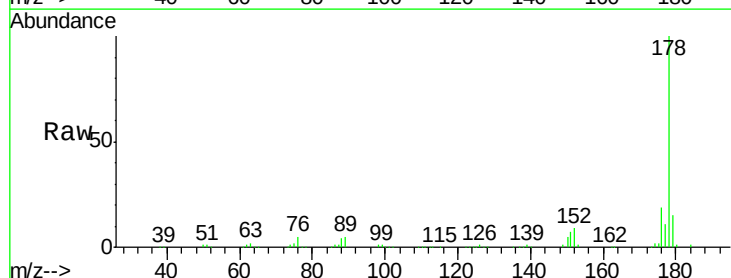


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

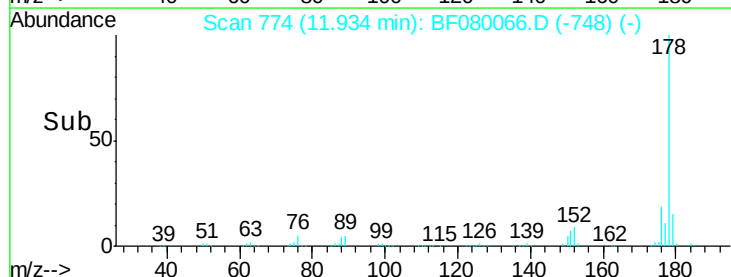
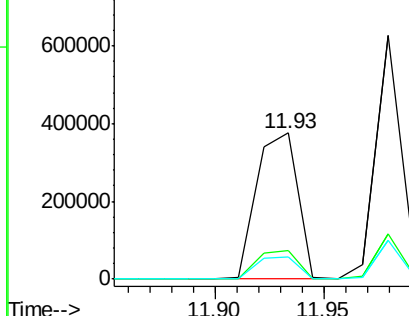


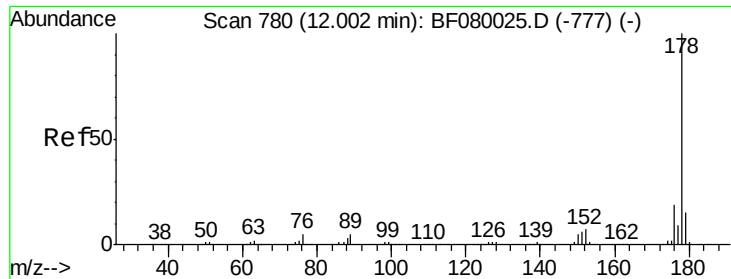
#70
 Phenanthrene
 Concen: 46.21 ng
 RT: 11.93 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion:178 Resp: 498867
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 14.9 12.2 18.2



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

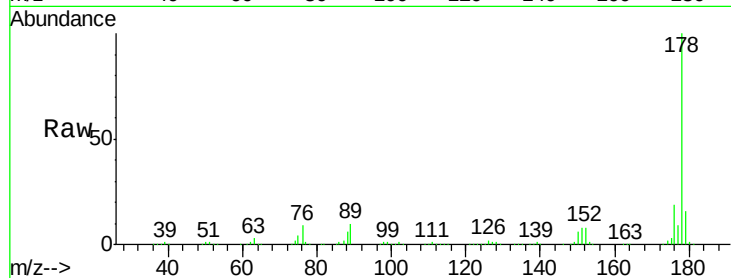




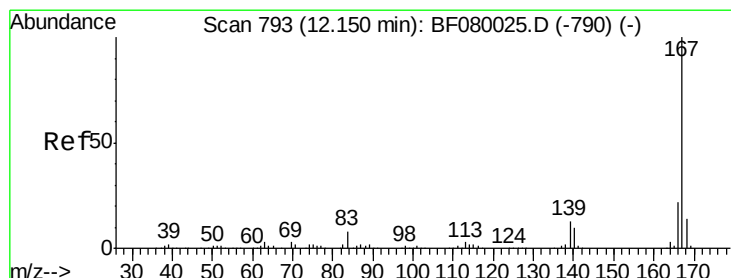
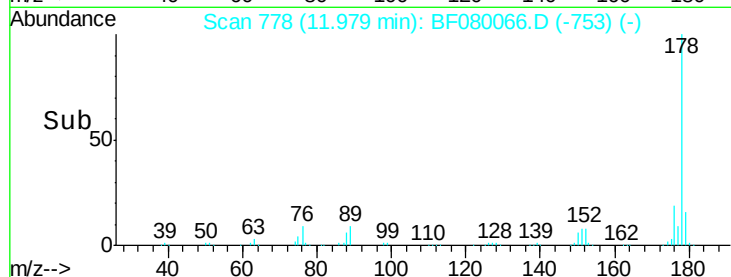
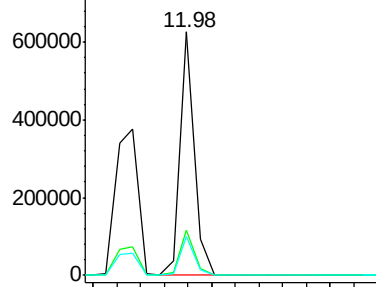
#71
 Anthracene
 Concen: 50.26 ng
 RT: 11.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion:178 Resp: 522461
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 15.8 12.2 18.2

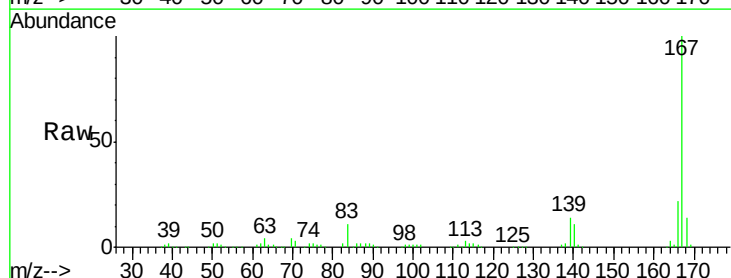


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

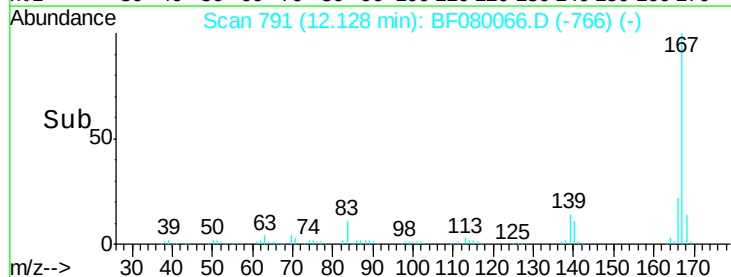
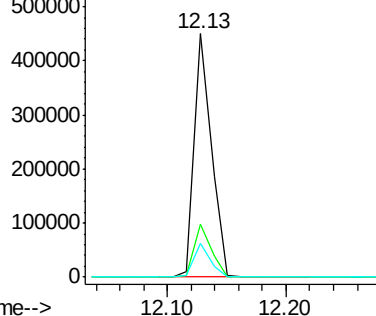


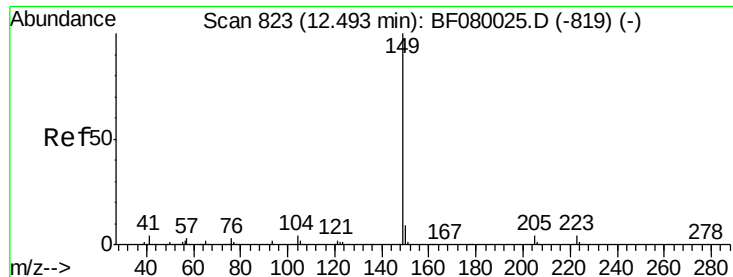
#72
 Carbazole
 Concen: 45.03 ng
 RT: 12.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion:167 Resp: 446841
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 13.8 9.5 14.3



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: 46.69 ng

RT: 12.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

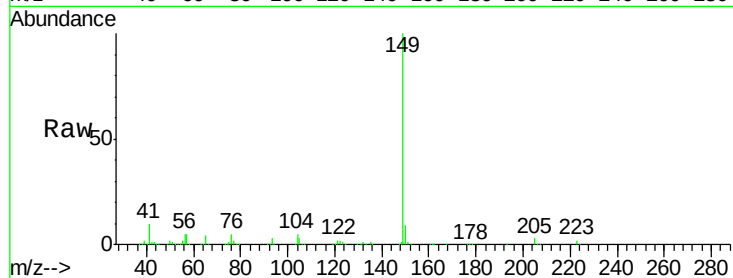
Tgt Ion:149 Resp: 535378

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

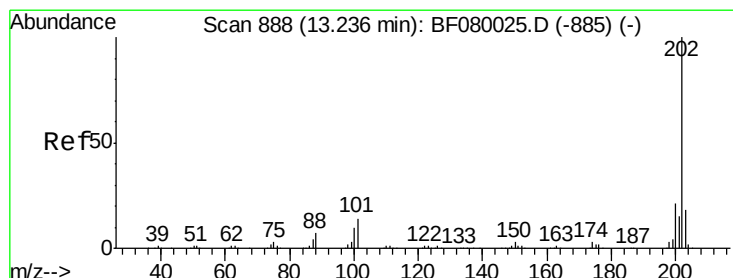
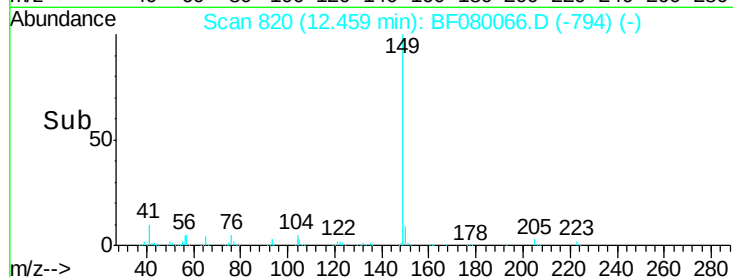
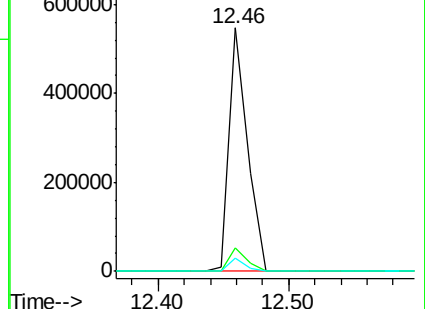
104 5.4 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.39 ng

RT: 13.20 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

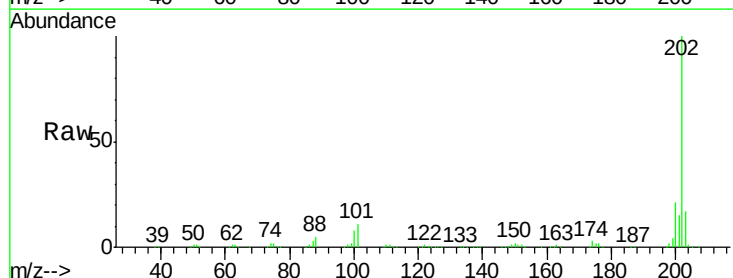
Tgt Ion:202 Resp: 567873

Ion Ratio Lower Upper

202 100

101 11.1 0.0 38.3

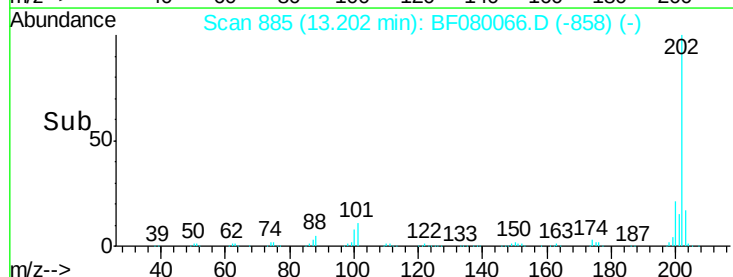
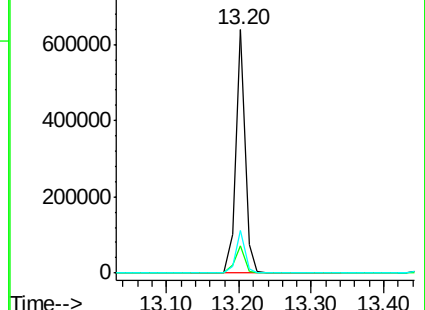
203 17.5 0.0 37.3

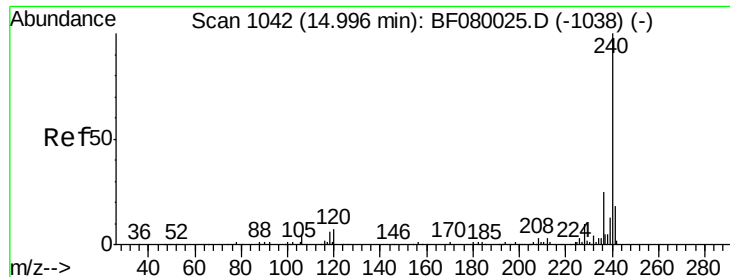


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.92 min Scan# 1035

Delta R.T. 0.06 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

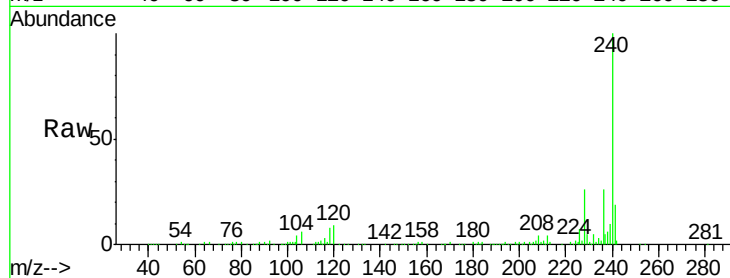
Tgt Ion:240 Resp: 204446

Ion Ratio Lower Upper

240 100

120 8.6 16.2 24.2#

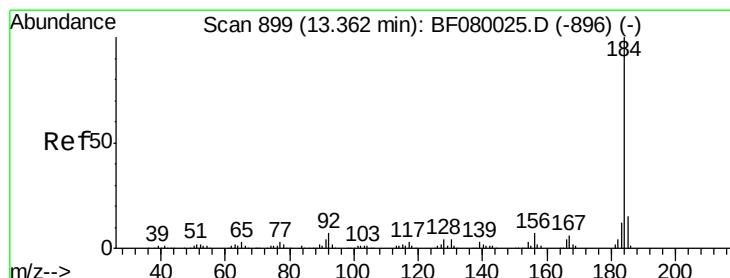
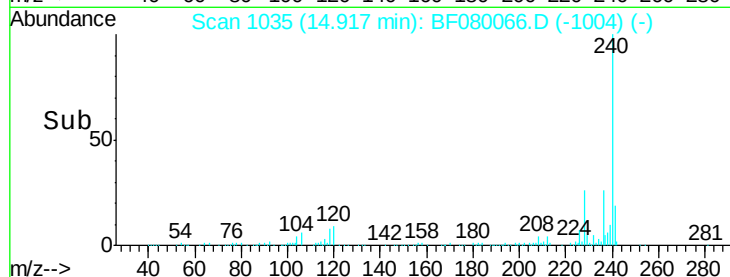
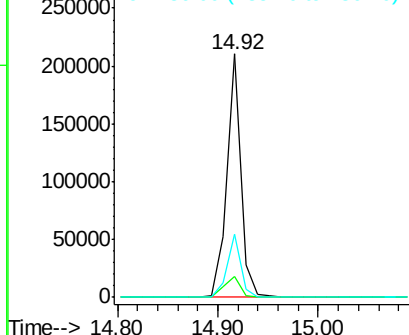
236 26.0 18.4 27.6



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: 46.96 ng

RT: 13.32 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

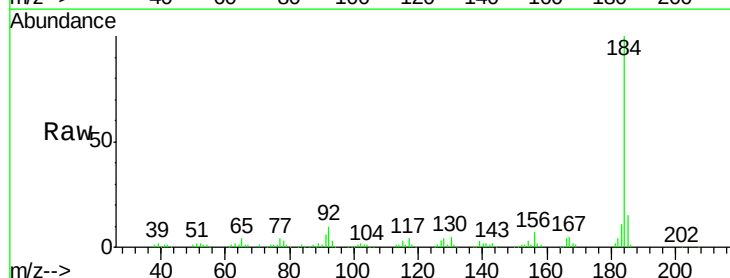
Tgt Ion:184 Resp: 268343

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

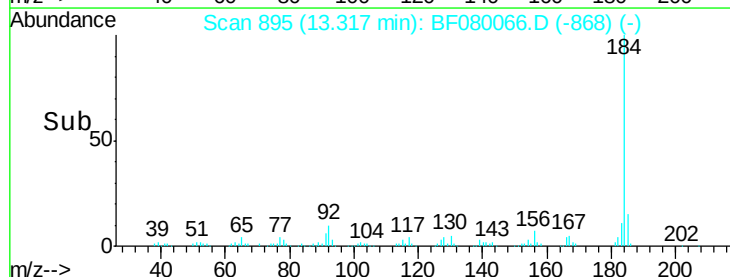
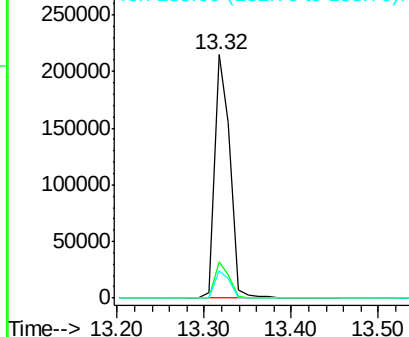
183 11.3 7.6 11.4

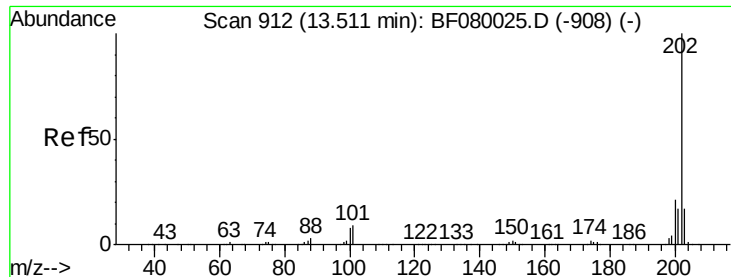


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

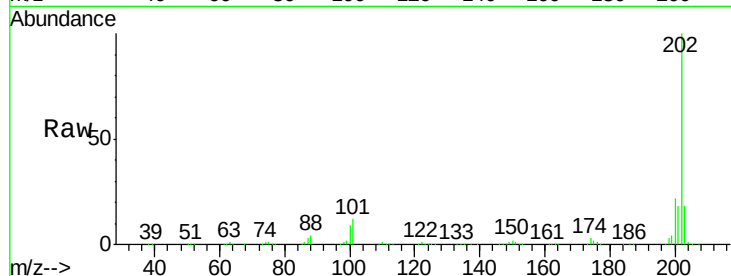




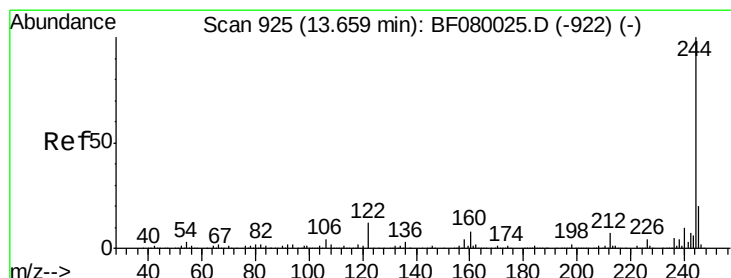
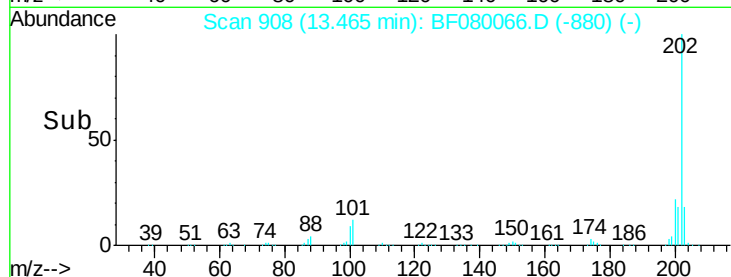
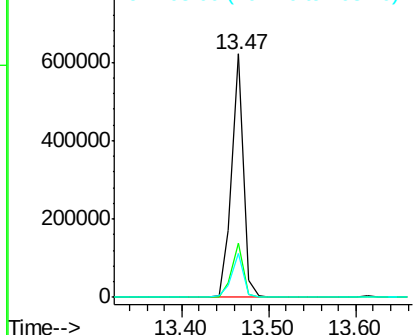
#77
 Pyrene
 Concen: 46.35 ng
 RT: 13.47 min Scan# 908
 Delta R.T. 0.02 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	15.0	22.4
203	18.1	14.1	21.1

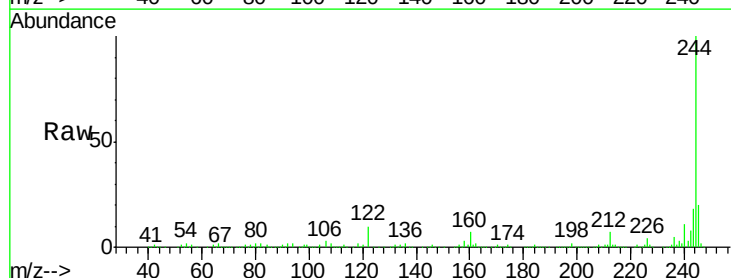


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

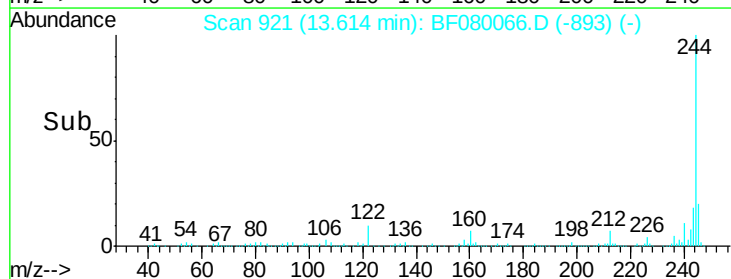
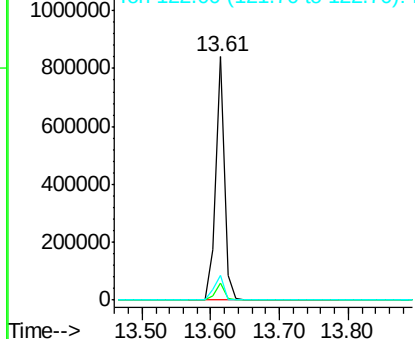


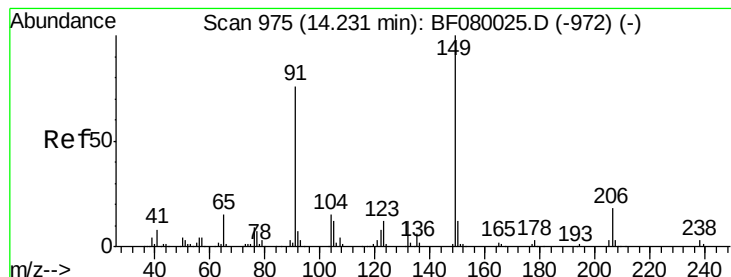
#78
 Terphenyl-d14
 Concen: 87.29 ng
 RT: 13.61 min Scan# 921
 Delta R.T. 0.02 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.3	6.5#
122	10.3	17.4	26.2#



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





#79

Butylbenzylphthalate

Concen: 49.07 ng

RT: 14.17 min Scan# 970

Delta R.T. 0.03 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

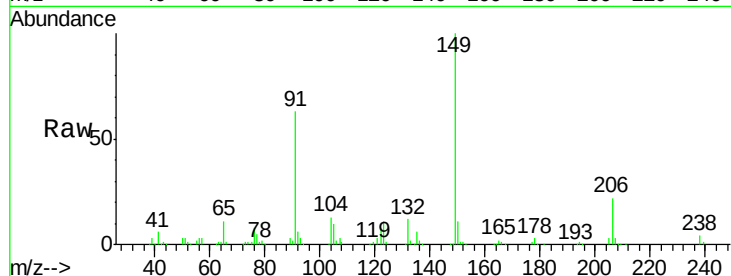
Tgt Ion:149 Resp: 248045

Ion Ratio Lower Upper

149 100

91 63.2 48.6 72.8

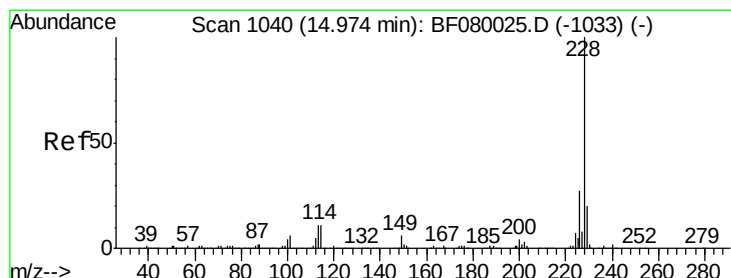
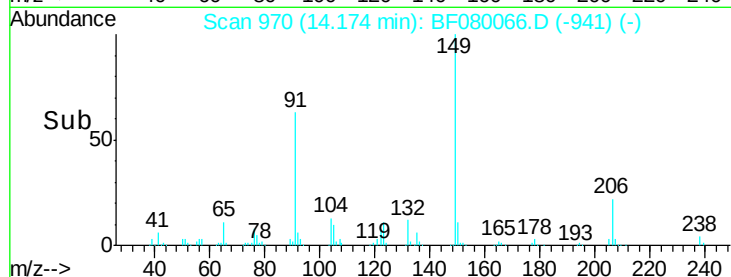
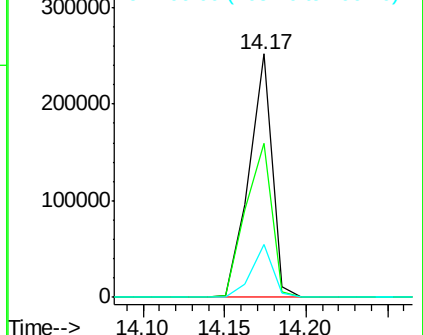
206 21.8 14.9 22.3



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: 46.21 ng

RT: 14.91 min Scan# 1034

Delta R.T. 0.06 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

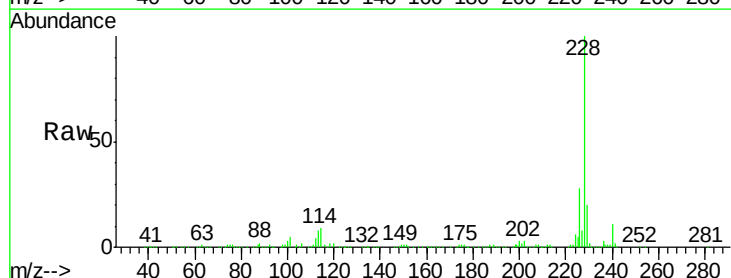
Tgt Ion:228 Resp: 575579

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

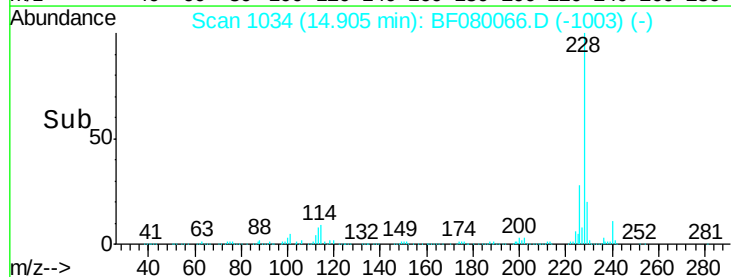
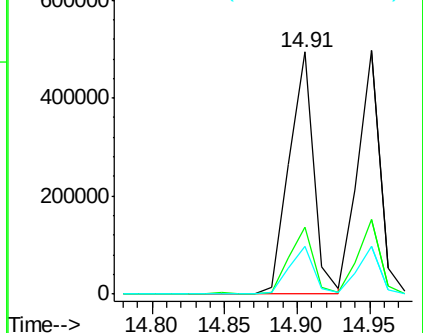
229 19.8 15.4 23.2

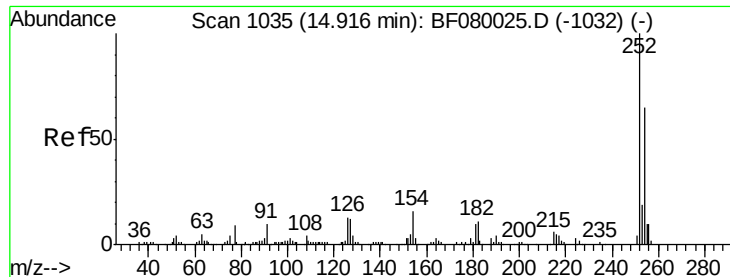


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

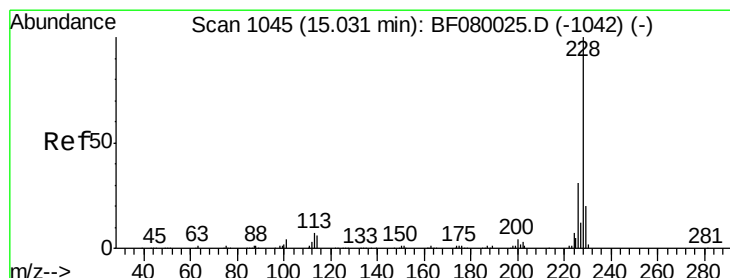
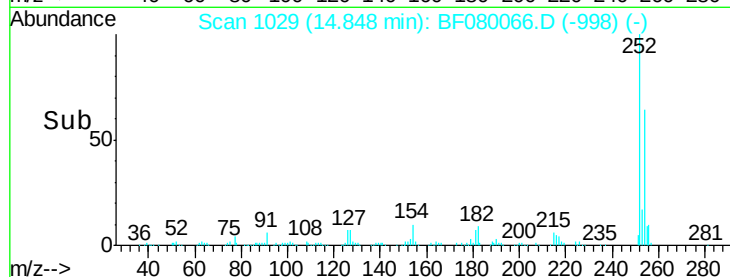
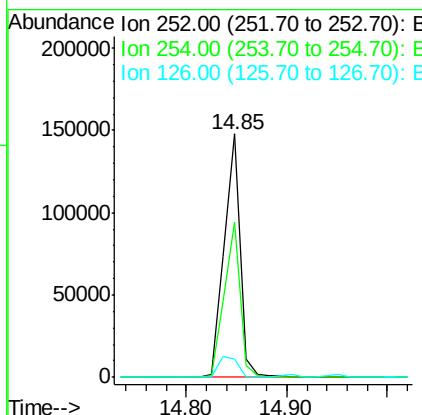
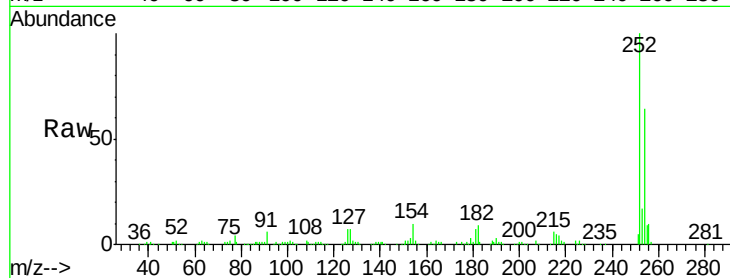




#81
 3,3'-Dichlorobenzidine
 Concen: 38.09 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. 0.06 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

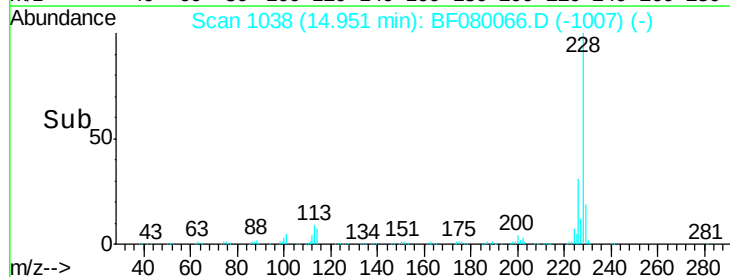
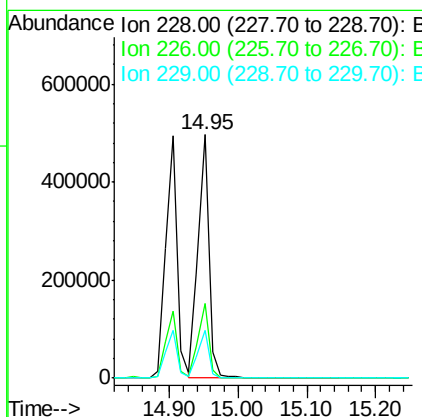
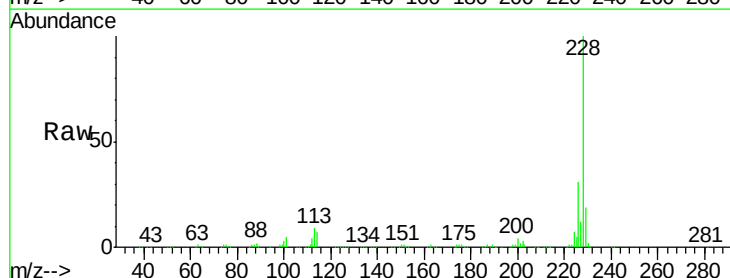
Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

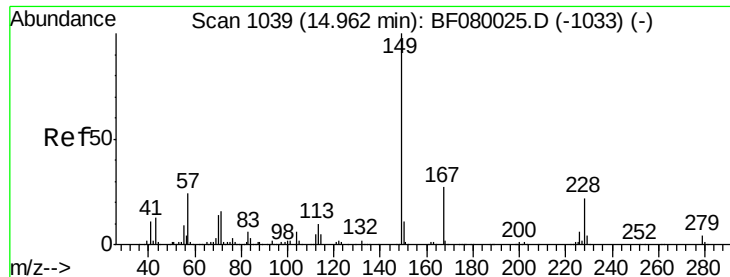
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.2
126	7.5	16.4	24.6#



#82
 Chrysene
 Concen: 46.73 ng
 RT: 14.95 min Scan# 1038
 Delta R.T. 0.06 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	19.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.30 ng

RT: 14.88 min Scan# 1032

Delta R.T. 0.06 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

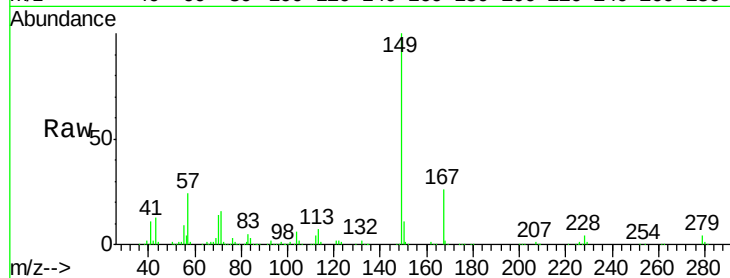
Tgt Ion:149 Resp: 377910

Ion Ratio Lower Upper

149 100

167 26.4 24.2 36.2

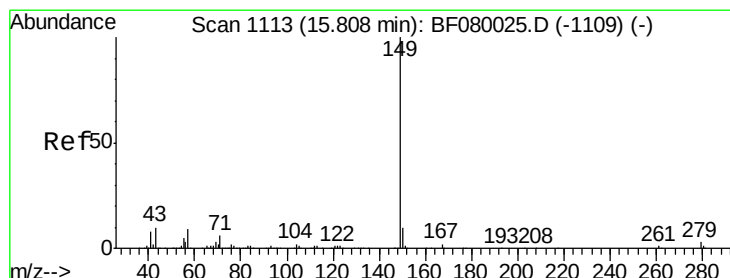
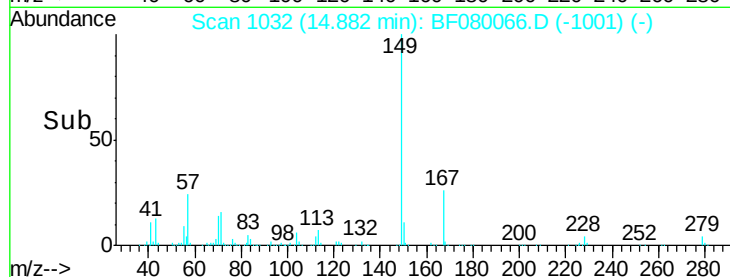
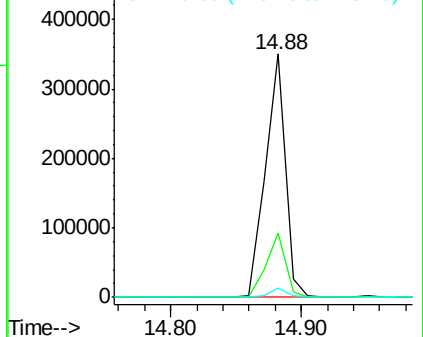
279 3.9 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.80 ng

RT: 15.71 min Scan# 1104

Delta R.T. 0.07 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

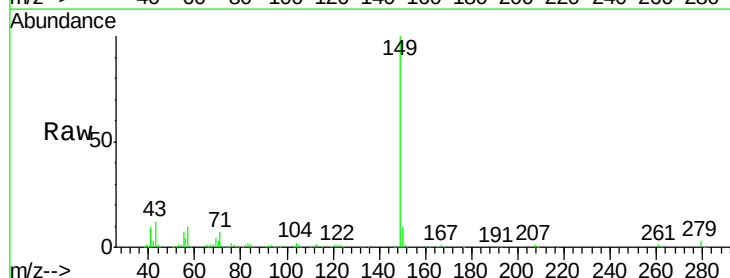
Tgt Ion:149 Resp: 613371

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

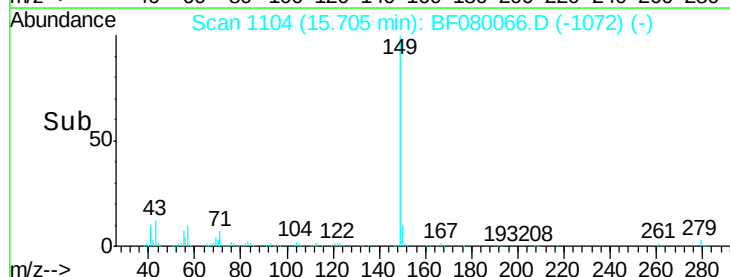
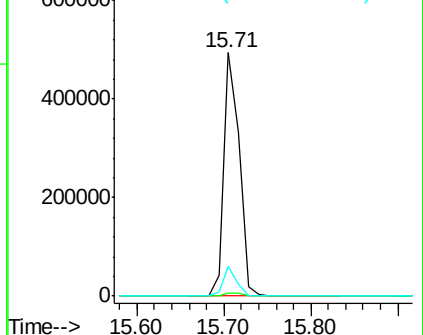
43 11.1 10.2 15.2

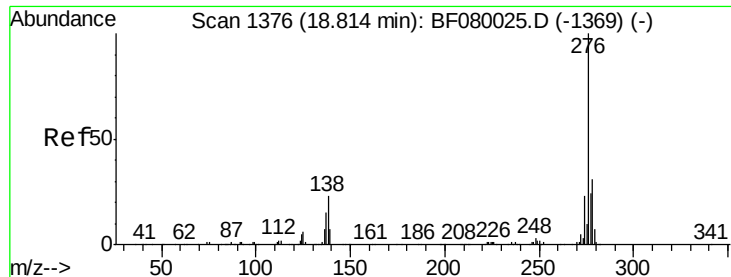


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.47 ng

RT: 18.69 min Scan# 1365

Delta R.T. 0.07 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4MSD

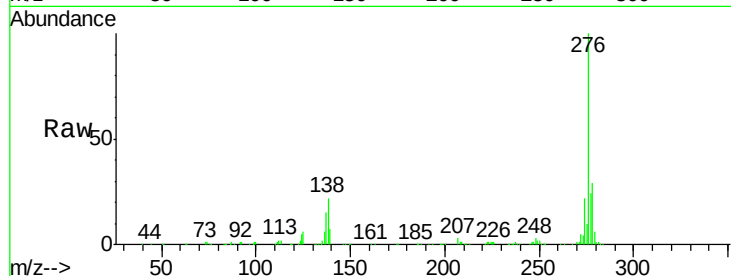
Tgt Ion:276 Resp: 629575

Ion Ratio Lower Upper

276 100

138 25.5 25.7 38.5#

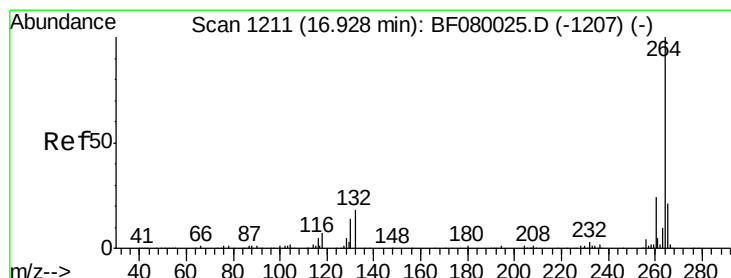
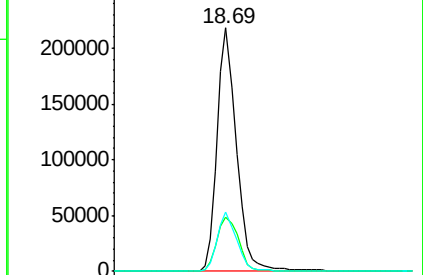
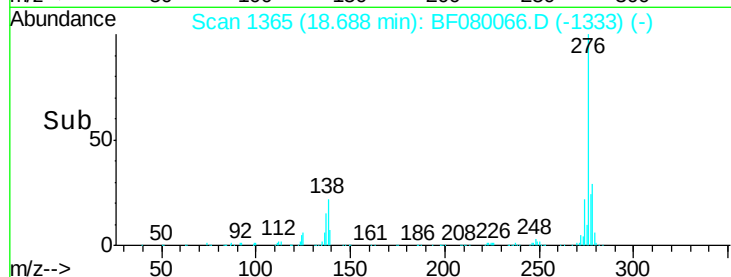
277 24.6 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.83 min Scan# 1202

Delta R.T. 0.08 min

Lab File: BF080066.D

Acq: 19 Jun 2015 19:25

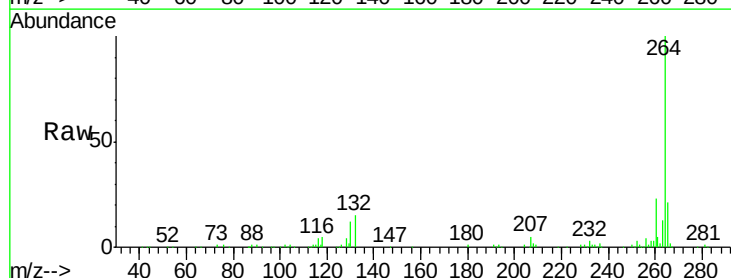
Tgt Ion:264 Resp: 191053

Ion Ratio Lower Upper

264 100

260 23.0 16.7 25.1

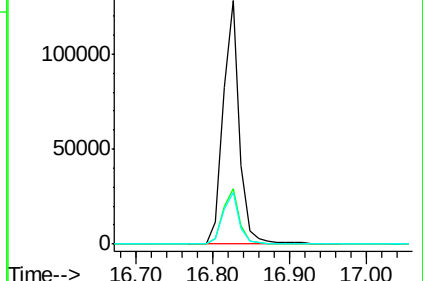
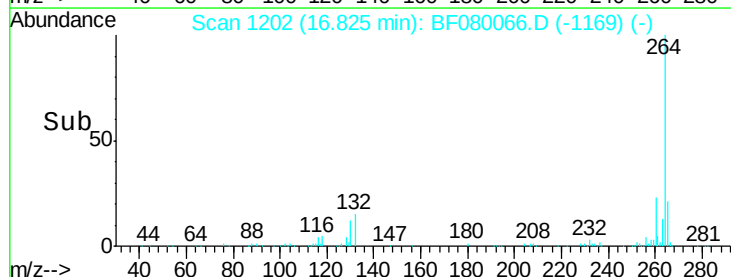
265 21.2 17.2 25.8

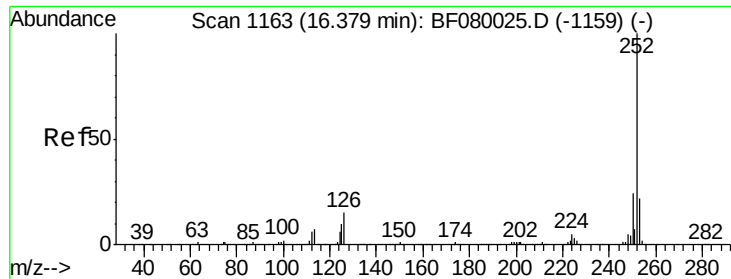


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

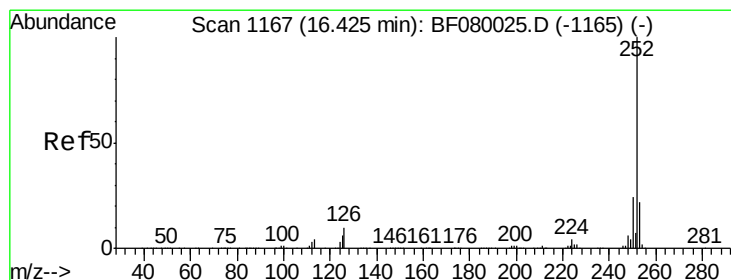
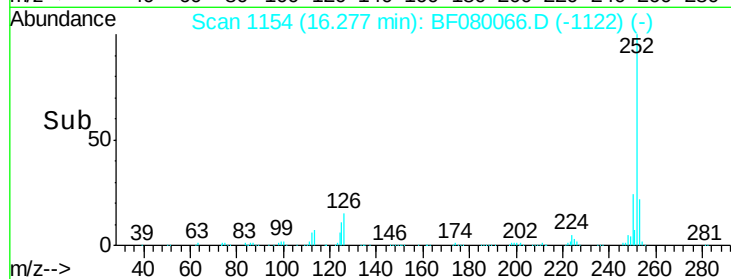
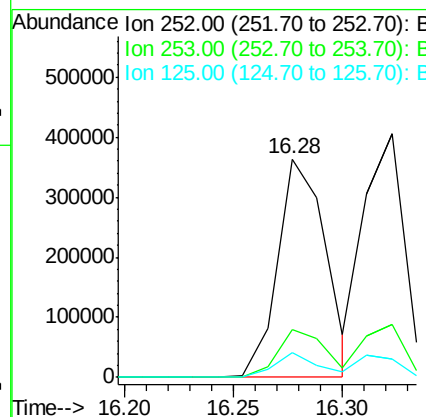
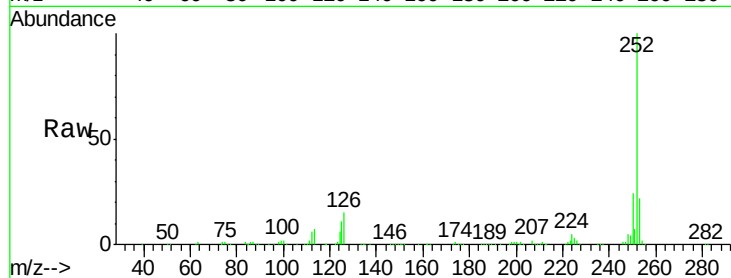




#87
Benzo(b)fluoranthene
Concen: 48.58 ng
RT: 16.28 min Scan# 1154
Delta R.T. 0.07 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

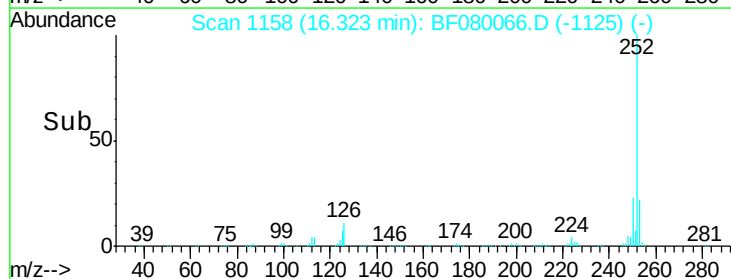
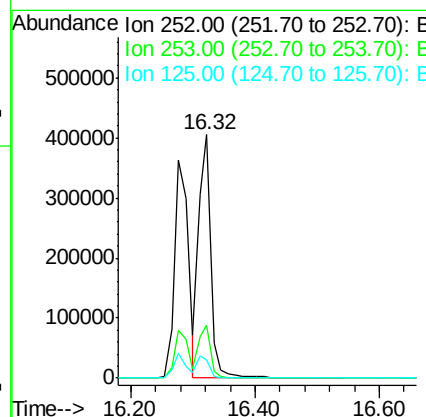
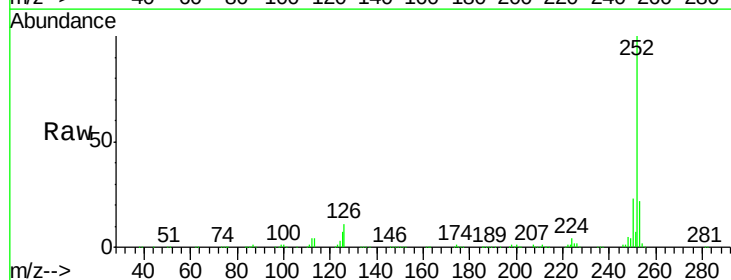
Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

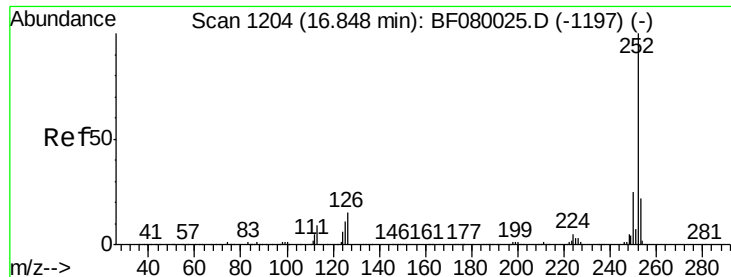
Tgt Ion:252 Resp: 561889
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.2 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 47.04 ng
RT: 16.32 min Scan# 1158
Delta R.T. 0.08 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion:252 Resp: 554086
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 7.4 16.0 24.0#

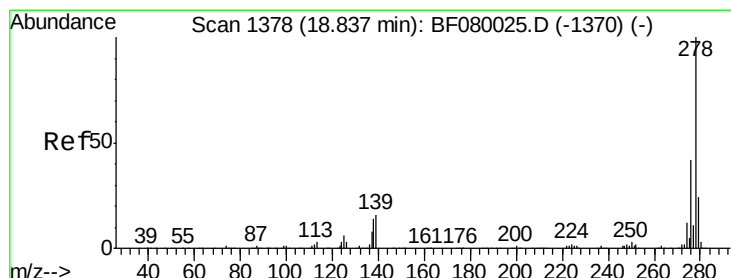
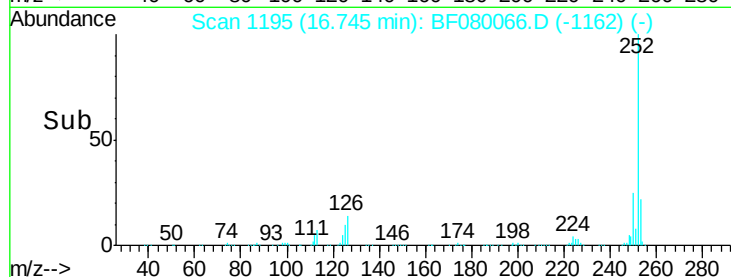
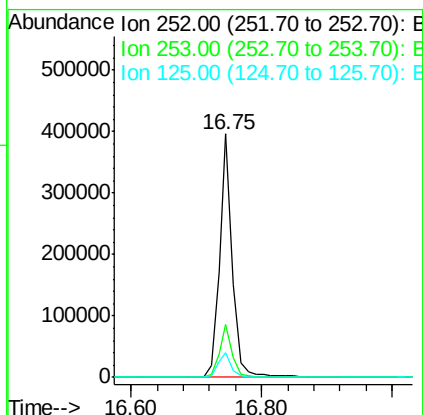
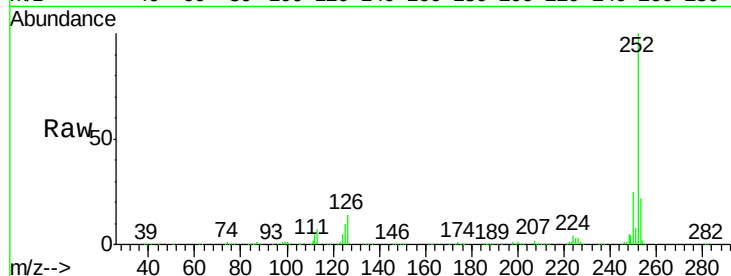




#89
Benzo(a)pyrene
Concen: 49.53 ng
RT: 16.75 min Scan# 1195
Delta R.T. 0.08 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

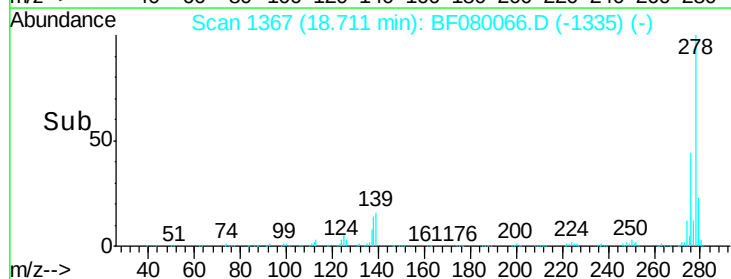
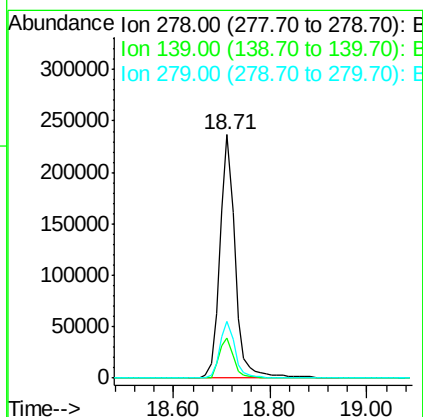
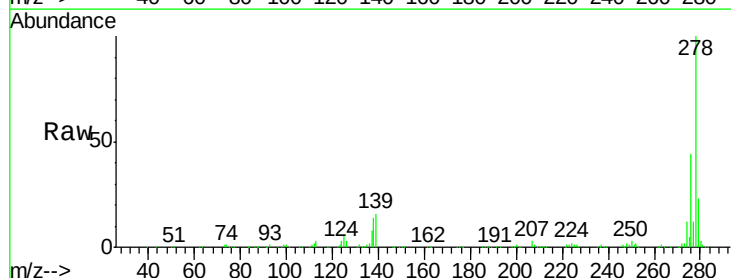
Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

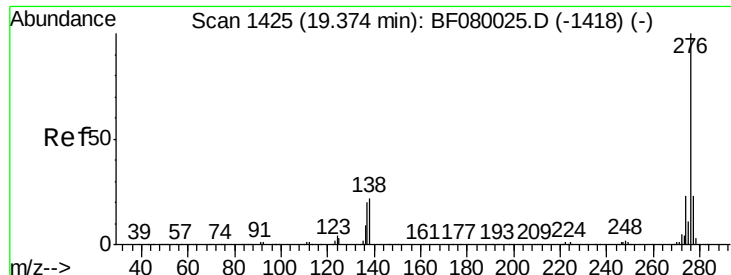
Tgt Ion: 252 Resp: 544144
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.72 ng
RT: 18.71 min Scan# 1367
Delta R.T. 0.07 min
Lab File: BF080066.D
Acq: 19 Jun 2015 19:25

Tgt Ion: 278 Resp: 525337
Ion Ratio Lower Upper
278 100
139 16.4 26.3 39.5#
279 23.3 18.2 27.4





#91
 Benzo(g,h,i)perylene
 Concen: 46.77 ng
 RT: 19.25 min Scan# 1414
 Delta R.T. 0.07 min
 Lab File: BF080066.D
 Acq: 19 Jun 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4MSD

Tgt Ion: 276 Resp: 530971
 Ion Ratio Lower Upper
 276 100
 277 24.1 17.8 26.6
 138 21.6 34.6 51.8#

