

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080962.D
 Acq On : 11 Aug 2015 15:25
 Operator : UM/IZ
 Sample : PB84904BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:34:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	58741	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	234442	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	103598	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	214417	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	179012	20.00	ng	-0.03
86) Perylene-d12	15.32	264	159954	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	436048	121.29	ng	0.01
7) Phenol-d6	6.43	99	645721	131.07	ng	-0.01
23) Nitrobenzene-d5	7.36	82	406481	82.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	129402	113.70	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	611930	83.16	ng	-0.02
78) Terphenyl-d14	12.89	244	704528	81.29	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	61658	36.16	ng	98
3) Pyridine	3.14	79	174244	36.03	ng	99
4) n-Nitrosodimethylamine	3.09	42	101317	41.04	ng	98
6) Aniline	6.45	93	196769	27.18	ng	96
8) 2-Chlorophenol	6.57	128	152880	36.75	ng	# 80
9) Benzaldehyde	6.33	77	125172	37.69	ng	98
10) Phenol	6.44	94	249950	42.76	ng	80
11) bis(2-Chloroethyl)ether	6.52	93	153945	35.27	ng	91
12) 1,3-Dichlorobenzene	6.73	146	165951	37.59	ng	98
13) 1,4-Dichlorobenzene	6.81	146	161881	35.29	ng	99
14) 1,2-Dichlorobenzene	6.96	146	143322	34.56	ng	99
15) Benzyl Alcohol	6.93	79	144872	35.93	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	291345	33.18	ng	98
17) 2-Methylphenol	7.05	107	122970	34.63	ng	# 92
18) Hexachloroethane	7.30	117	61995	35.27	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	113962	31.65	ng	95
20) 3+4-Methylphenols	7.21	107	163930	36.75	ng	# 80
22) Acetophenone	7.20	105	214515	37.34	ng	# 96
24) Nitrobenzene	7.37	77	164314	32.20	ng	99
25) Isophorone	7.62	82	311235	32.65	ng	98
26) 2-Nitrophenol	7.69	139	75804	35.30	ng	97
27) 2,4-Dimethylphenol	7.73	122	147950	36.80	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	175818	30.73	ng	98
29) 2,4-Dichlorophenol	7.93	162	111810	33.85	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	136133	37.70	ng	99
31) Naphthalene	8.09	128	439152	33.98	ng	99
32) Benzoic acid	7.86	122	85748	35.63	ng	88
33) 4-Chloroaniline	8.14	127	100252	19.09	ng	96
34) Hexachlorobutadiene	8.21	225	70958	33.03	ng	98
35) Caprolactam	8.52	113	29666	24.96	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	152872	37.92	ng	94
37) 2-Methylnaphthalene	8.78	142	299600	36.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	120012	37.58	ng	98
40) Hexachlorocyclopentadiene	8.94	237	160133	91.89	ng	96

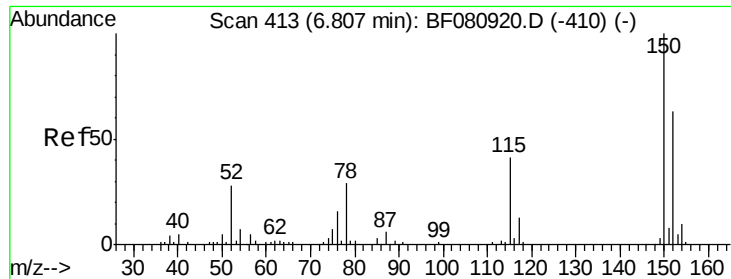
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080962.D
 Acq On : 11 Aug 2015 15:25
 Operator : UM/IZ
 Sample : PB84904BS
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Quant Time: Aug 12 00:34:59 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	92562	39.54	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	98152	41.61	nq	# 87
45) 1,1'-Biphenyl	9.25	154	393001	44.20	nq	99
46) 2-Chloronaphthalene	9.28	162	279539	40.33	nq	100
47) 2-Nitroaniline	9.37	65	103758	37.33	nq	95
48) Acenaphthylene	9.69	152	446670	37.06	nq	100
49) Dimethylphthalate	9.56	163	319281	37.10	nq	# 97
50) 2,6-Dinitrotoluene	9.62	165	68785	38.69	nq	# 51
51) Acenaphthene	9.86	154	303895	41.18	nq	99
52) 3-Nitroaniline	9.78	138	47052	21.47	nq	100
53) 2,4-Dinitrophenol	9.88	184	67426	63.78	nq	# 58
54) Dibenzofuran	10.03	168	380623	38.14	nq	98
55) 4-Nitrophenol	9.95	139	131425	80.11	nq	# 66
56) 2,4-Dinitrotoluene	10.02	165	99176	41.69	nq	# 75
57) Fluorene	10.37	166	313519	40.61	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	71305	38.20	nq	99
59) Diethylphthalate	10.26	149	331125	36.97	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	124538	33.11	nq	97
61) 4-Nitroaniline	10.40	138	76213	33.79	nq	97
62) Azobenzene	10.52	77	361063	36.05	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	43540	32.77	nq	# 63
65) n-Nitrosodiphenylamine	10.49	169	273682	36.74	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	84466	37.19	nq	99
67) Hexachlorobenzene	10.92	284	93852	37.17	nq	97
68) Atrazine	11.01	200	79579	36.44	nq	98
69) Pentachlorophenol	11.12	266	108303	73.77	nq	96
70) Phenanthrene	11.33	178	444212	36.59	nq	99
71) Anthracene	11.38	178	457547	38.06	nq	100
72) Carbazole	11.54	167	452321	38.65	nq	99
73) Di-n-butylphthalate	11.87	149	507985	34.71	nq	100
74) Fluoranthene	12.51	202	536468	40.87	nq	97
76) Benzidine	12.64	184	331260	45.96	nq	98
77) Pyrene	12.74	202	578875	43.77	nq	99
79) Butylbenzylphthalate	13.36	149	215404	33.79	nq	# 63
80) Benzo(a)anthracene	13.92	228	424704	37.56	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	73186	17.79	nq	# 96
82) Chrysene	13.95	228	398779	36.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	308125	34.74	nq	# 95
84) Di-n-octyl phthalate	14.53	149	509563	33.88	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	374865	36.38	nq	98
87) Benzo(b)fluoranthene	14.96	252	781586	70.27	nq	# 97
88) Benzo(k)fluoranthene	14.96	252	781586	80.32	nq	100
89) Benzo(a)pyrene	15.27	252	355222	37.16	nq	# 95
90) Dibenzo(a,h)anthracene	16.68	278	310531	36.73	nq	100
91) Benzo(g,h,i)perylene	17.07	276	305880	37.19	nq	96

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

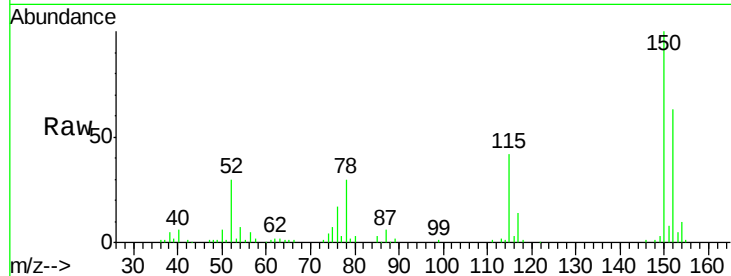


#1

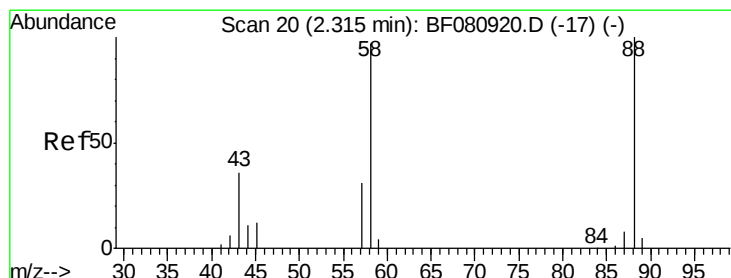
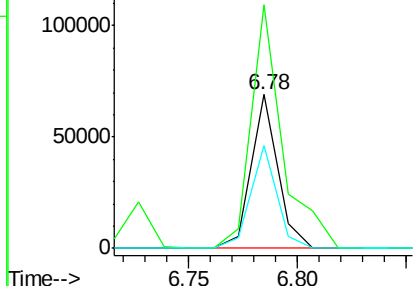
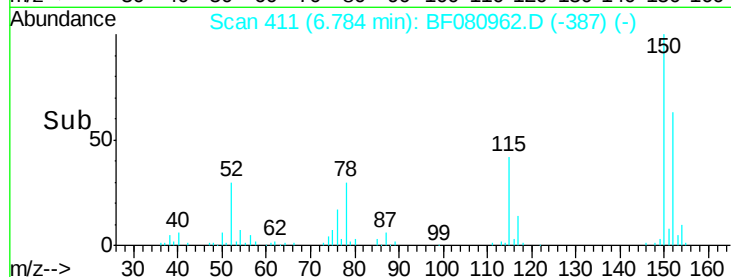
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58741
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.2
115 67.3 52.6 78.8



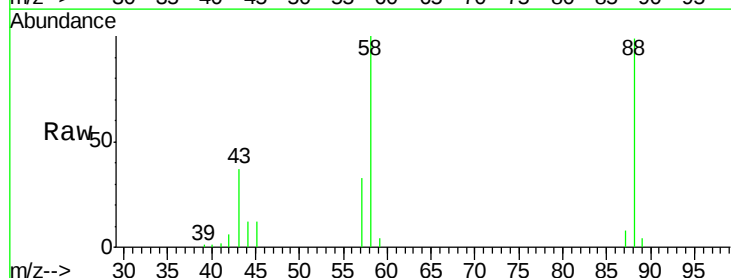
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



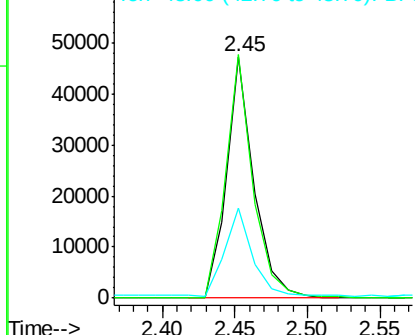
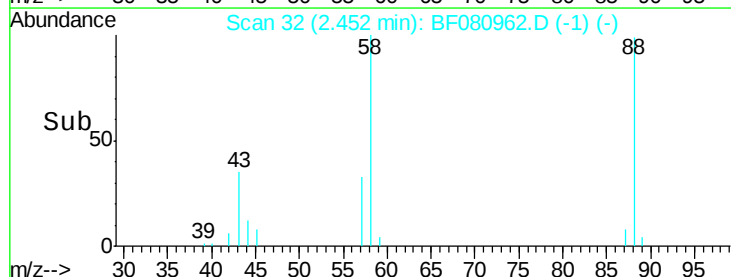
#2

1,4-Dioxane
Concen: 36.16 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.14 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion: 88 Resp: 61658
Ion Ratio Lower Upper
88 100
58 100.7 79.3 118.9
43 37.8 28.3 42.5



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

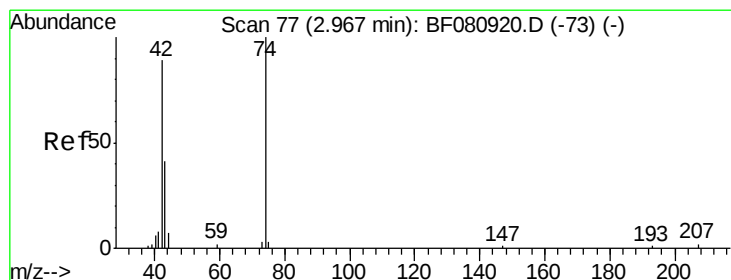
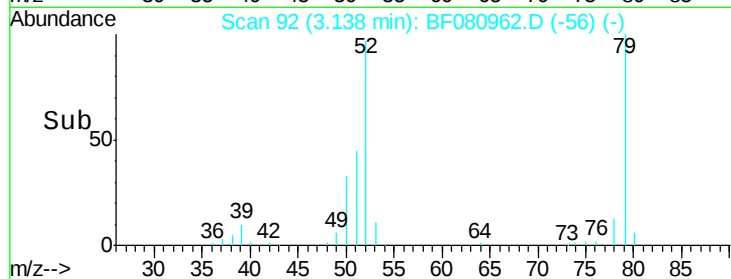
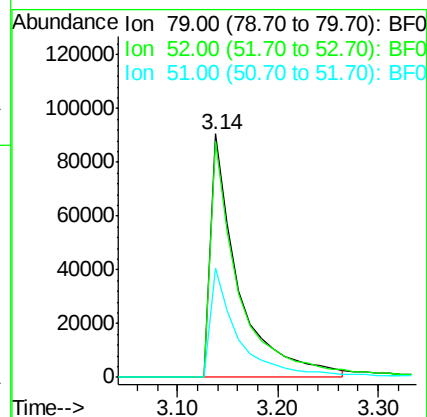
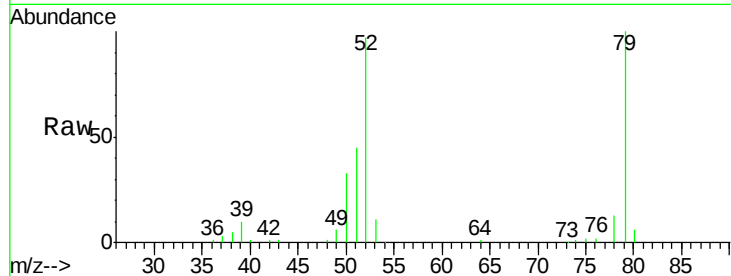




#3
 Pvridine
 Concen: 36.03 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.11 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

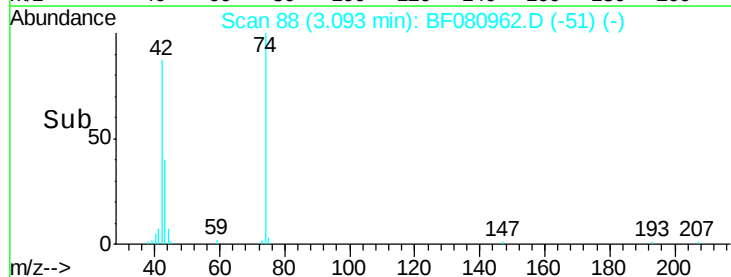
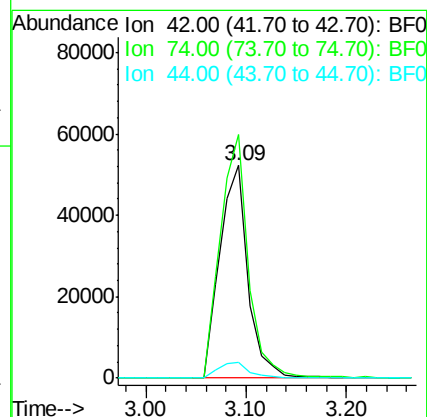
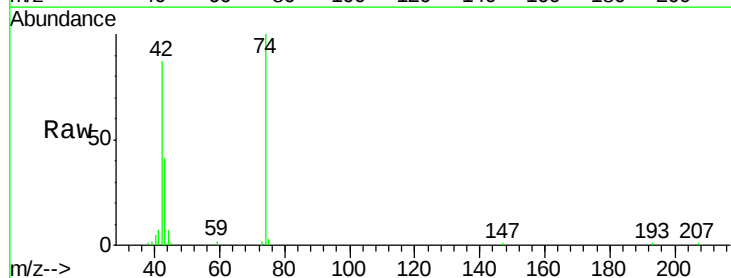
Instrument :
 BNA_F
 ClientSampleId :

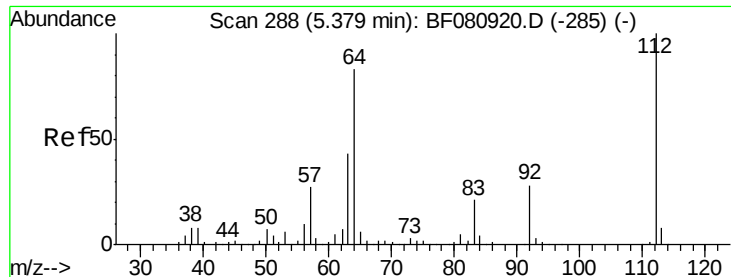
Tot Ion: 79 Resp: 174244
 Ion Ratio Lower Upper
 79 100
 52 96.8 77.2 115.8
 51 44.8 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 41.04 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.13 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion: 42 Resp: 101317
 Ion Ratio Lower Upper
 42 100
 74 114.6 89.8 134.8
 44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 121.29 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampled :

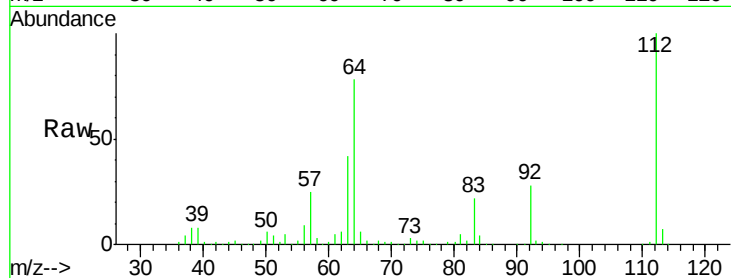
Tot Ion:112 Resp: 436048

Ion Ratio Lower Upper

112 100

64 78.1 66.1 99.1

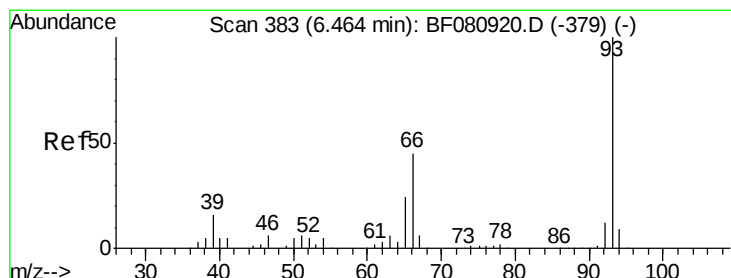
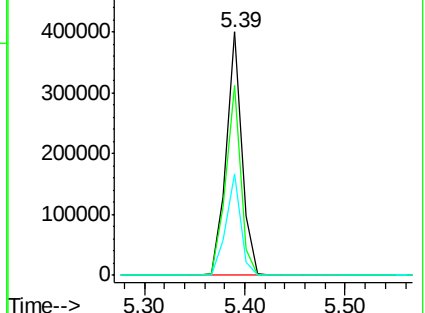
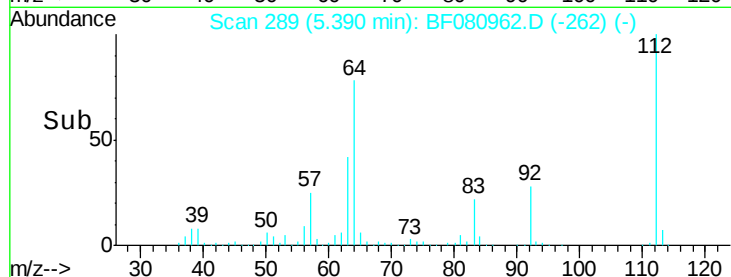
63 41.6 34.6 52.0



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: 27.18 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

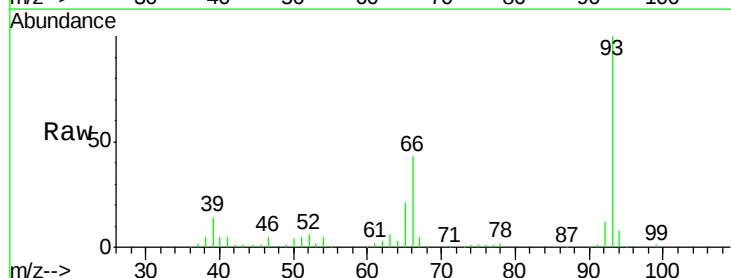
Tgt Ion: 93 Resp: 196769

Ion Ratio Lower Upper

93 100

66 42.9 36.2 54.4

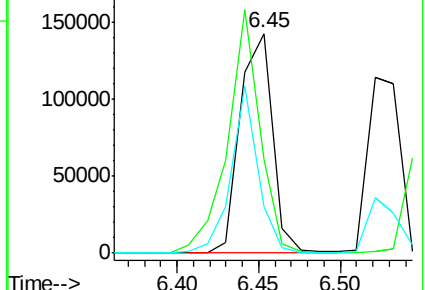
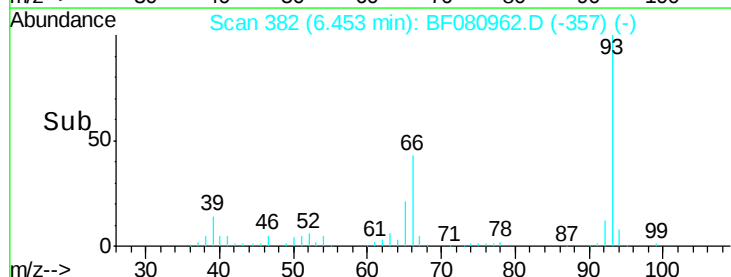
65 21.4 19.0 28.4

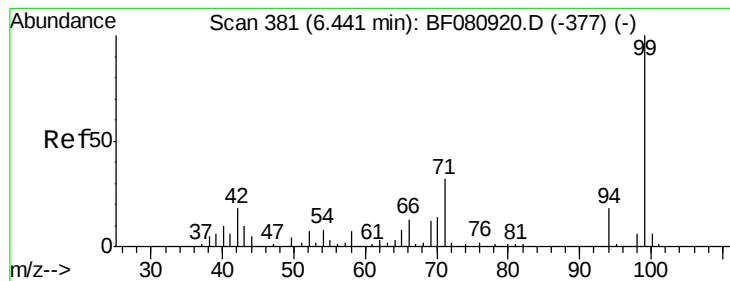


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.07 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

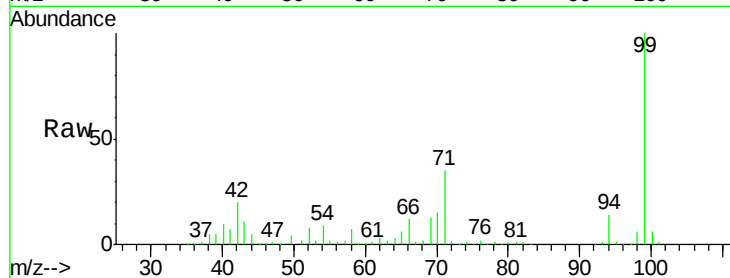
Tot Ion: 99 Resp: 645721

Ion Ratio Lower Upper

99 100

42 20.1 14.4 21.6

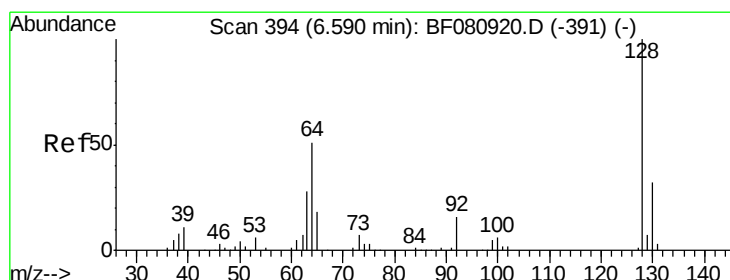
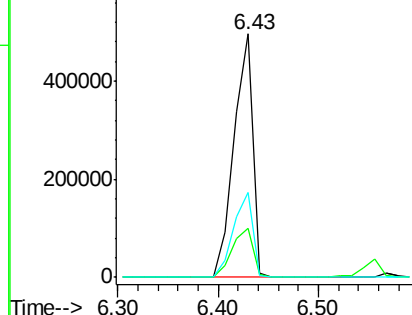
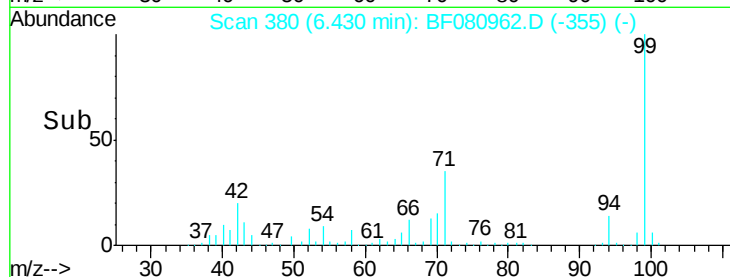
71 35.1 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.75 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

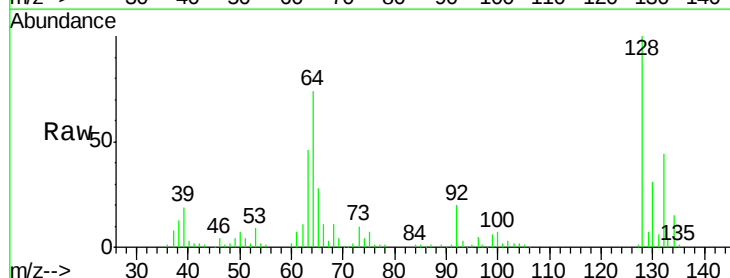
Tgt Ion: 128 Resp: 152880

Ion Ratio Lower Upper

128 100

130 31.0 12.4 52.4

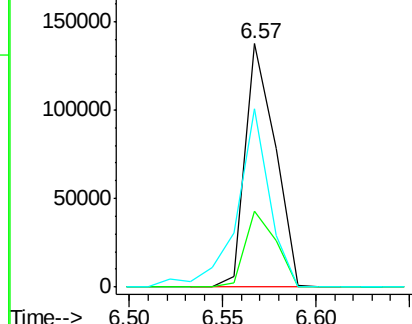
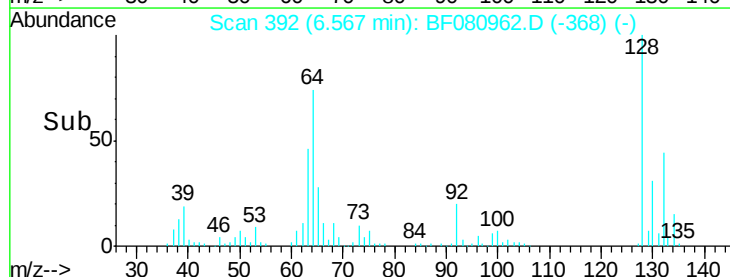
64 73.5 32.1 72.1#

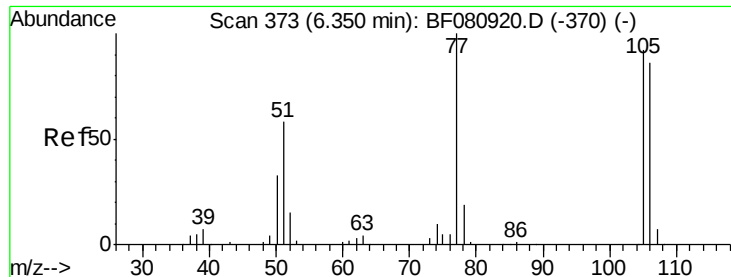


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.69 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampled :

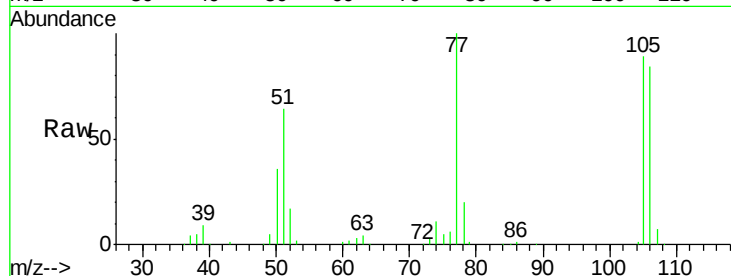
Tot Ion: 77 Resp: 125172

Ion Ratio Lower Upper

77 100

105 88.6 71.6 111.6

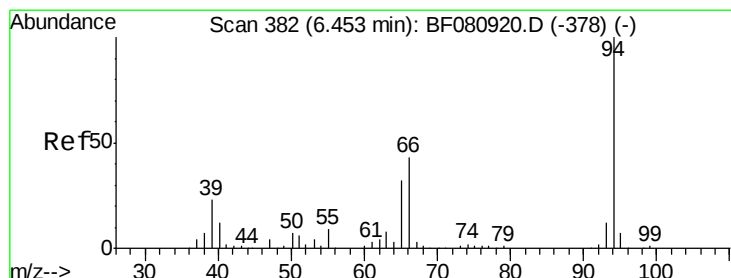
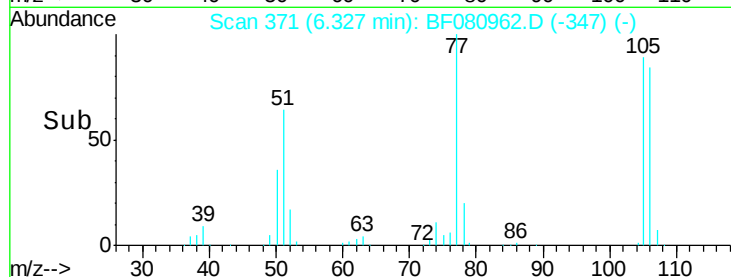
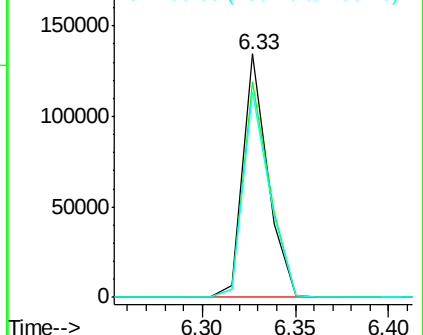
106 84.5 65.7 105.7



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: 42.76 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

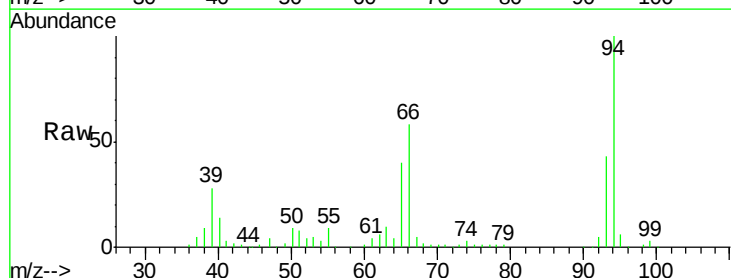
Tgt Ion: 94 Resp: 249950

Ion Ratio Lower Upper

94 100

65 39.9 11.8 51.8

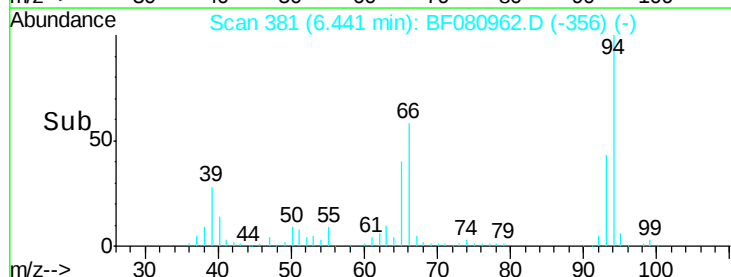
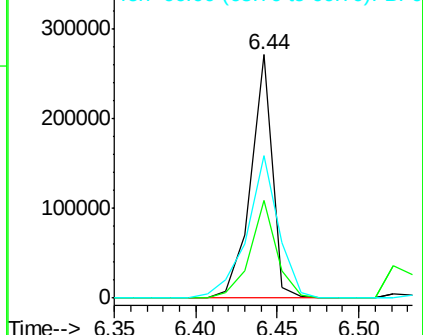
66 58.4 22.9 62.9



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: 35.27 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

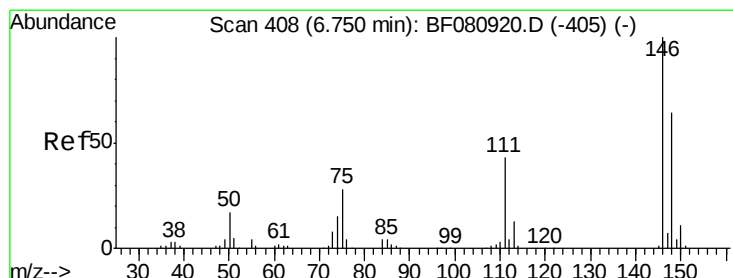
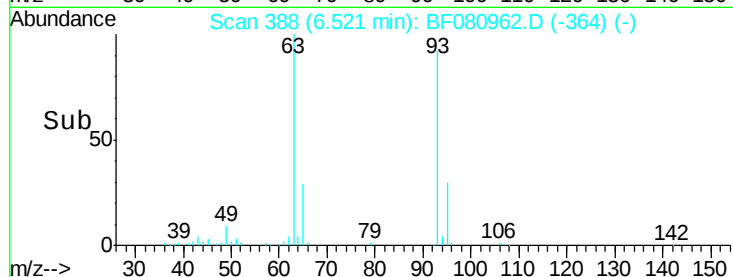
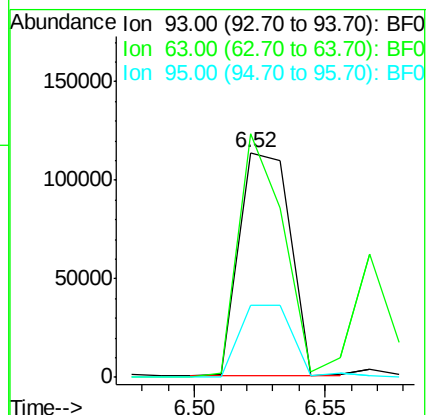
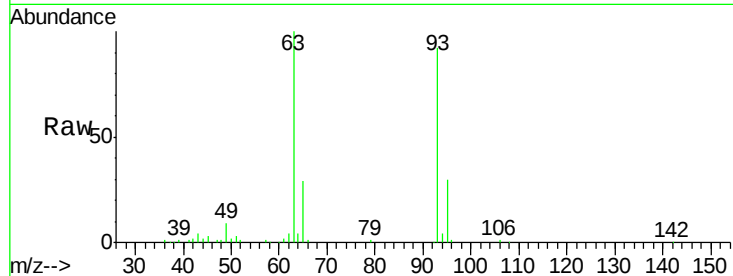
Tot Ion: 93 Resp: 153945

Ion Ratio Lower Upper

93 100

63 108.3 76.7 116.7

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 37.59 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

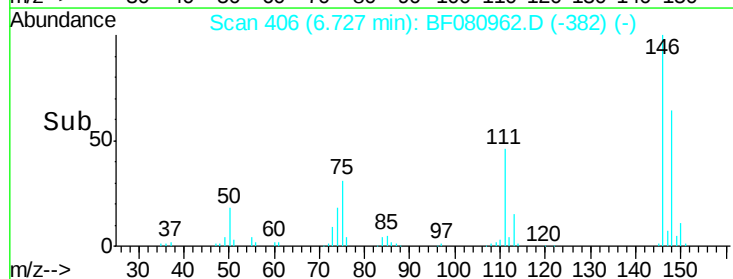
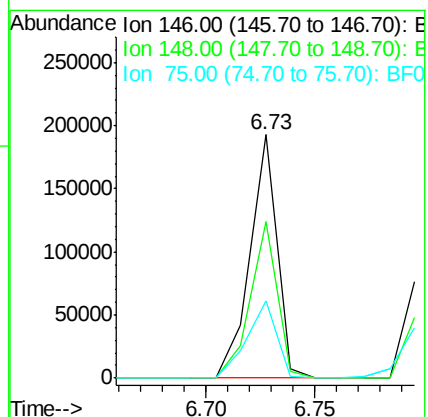
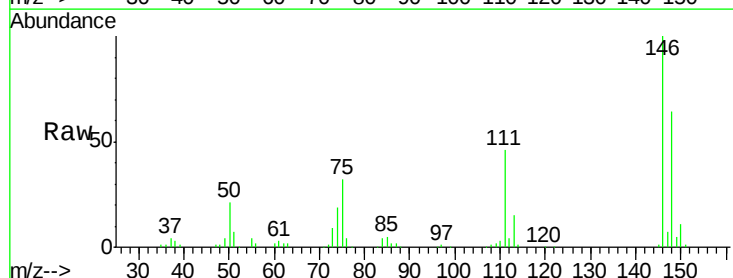
Tgt Ion: 146 Resp: 165951

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

75 31.7 22.2 33.4

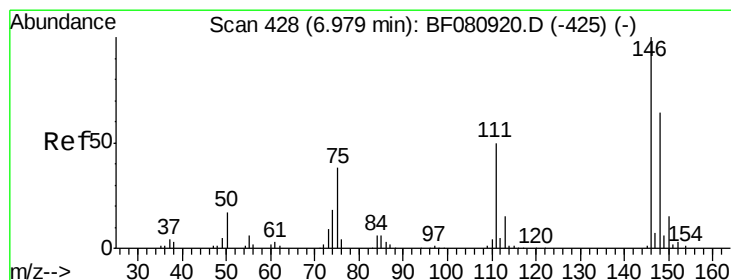
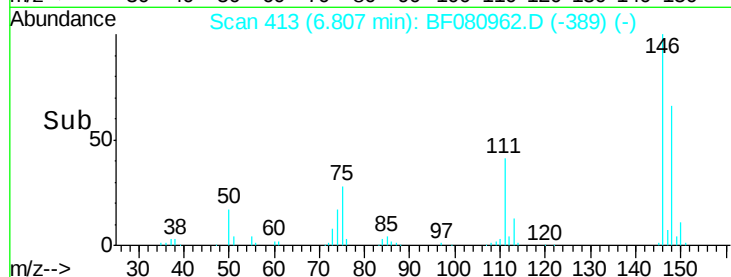
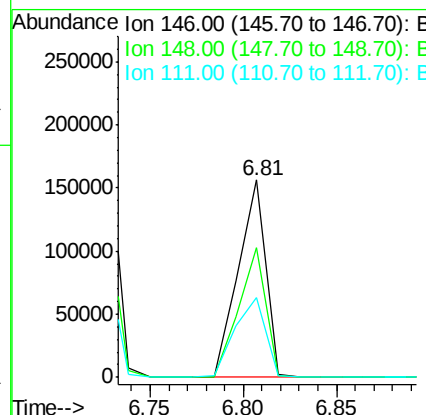
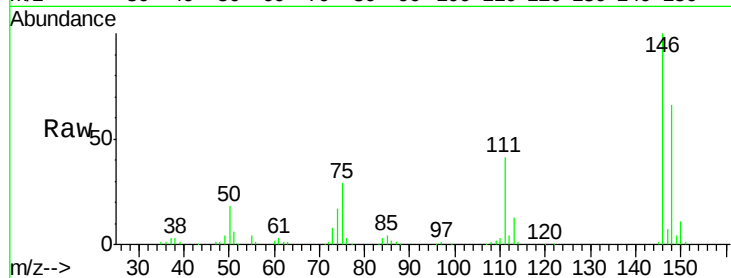




#13
 1,4-Dichlorobenzene
 Concen: 35.29 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

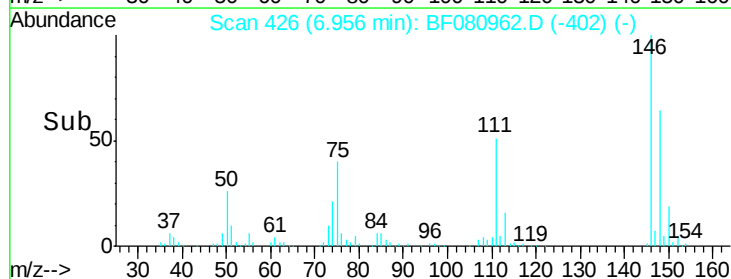
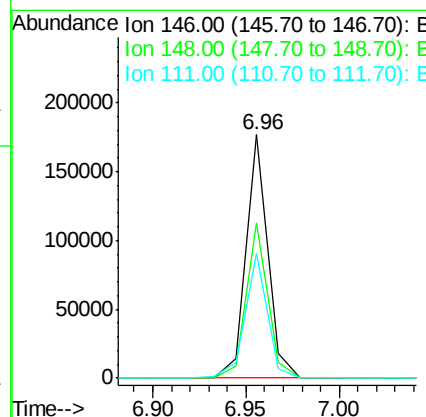
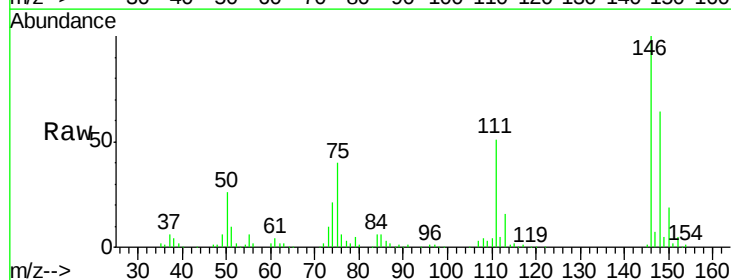
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:146 Resp: 161881
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.2 78.4
 111 40.7 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 34.56 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:146 Resp: 143322
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 51.3 40.0 60.0

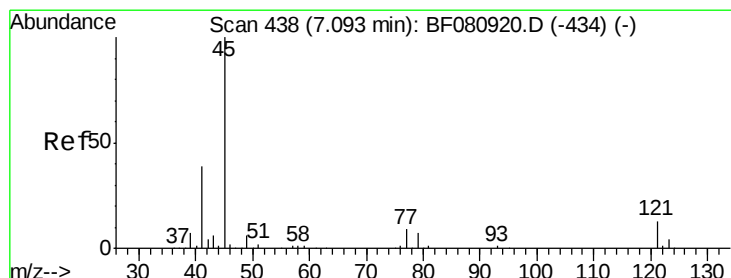
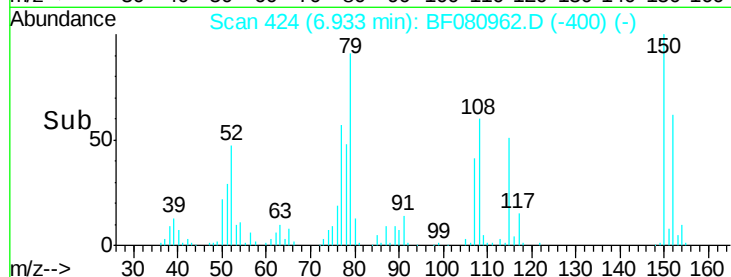
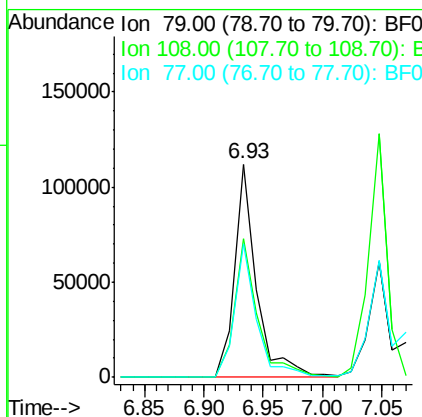
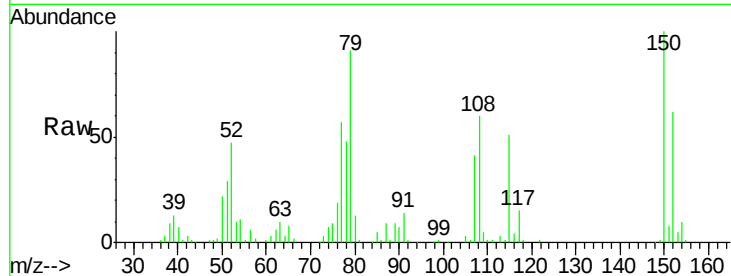




#15
Benzyl Alcohol
Concen: 35.93 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

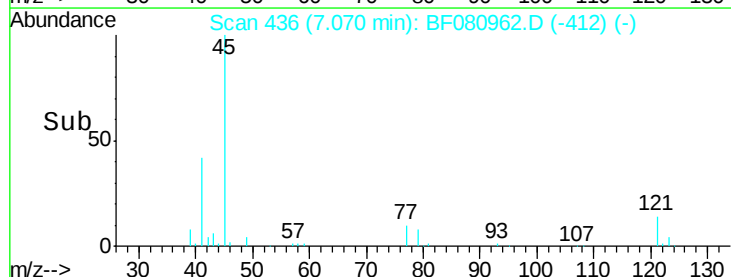
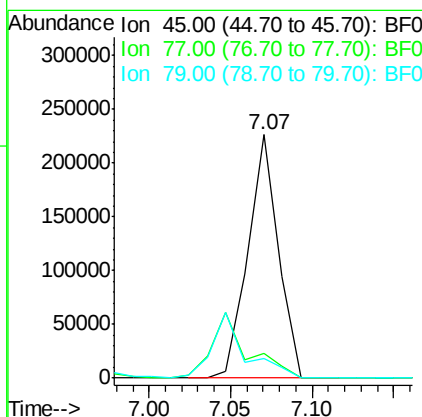
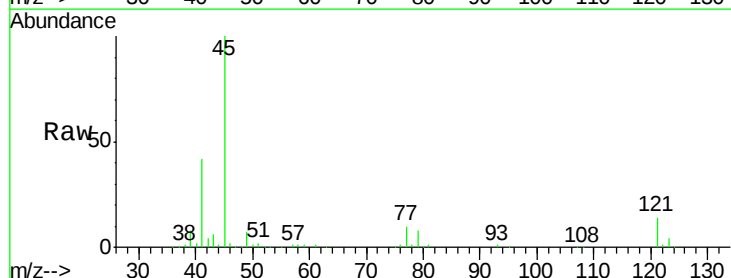
Instrument :
BNA_F
ClientSampled :

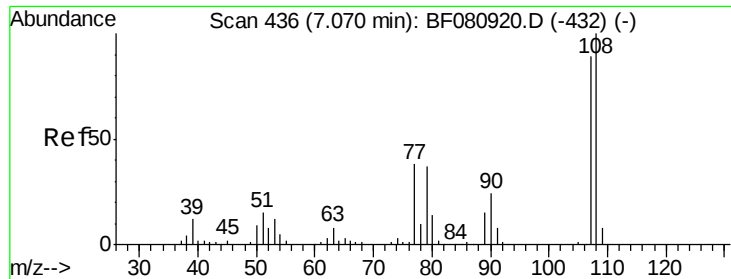
Tot Ion: 79 Resp: 144872
Ion Ratio Lower Upper
79 100
108 65.3 60.9 91.3
77 62.8 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.18 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion: 45 Resp: 291345
Ion Ratio Lower Upper
45 100
77 10.4 0.0 29.6
79 8.0 0.0 27.7





#17

2-Methylphenol

Concen: 34.63 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 122970

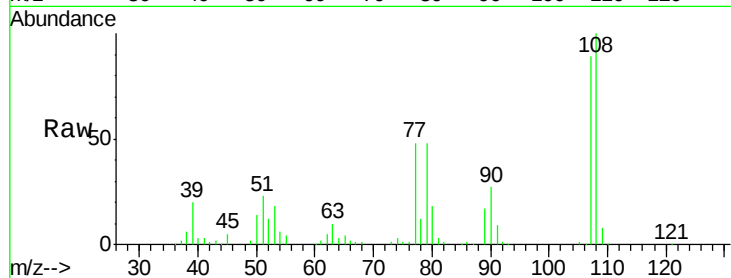
Ion Ratio Lower Upper

107 100

108 111.9 90.3 135.5

77 53.8 34.6 51.8#

79 53.2 33.6 50.4#

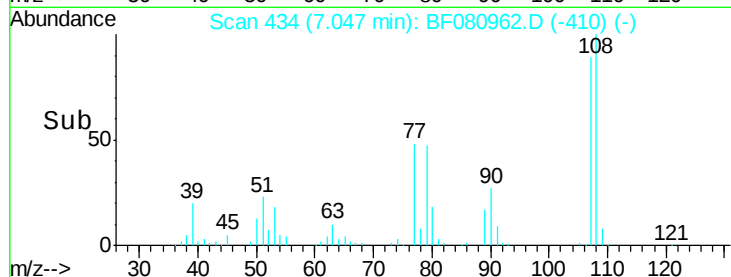


Abundance Ion 107.00 (106.70 to 107.70): E

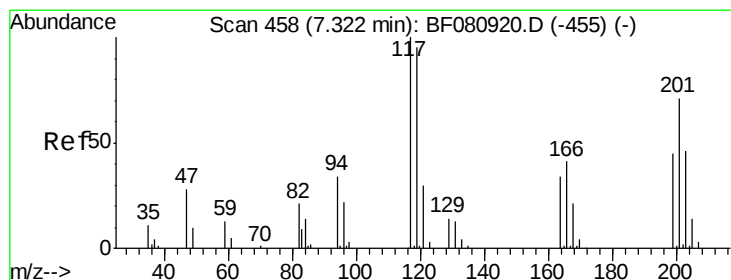
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 35.27 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

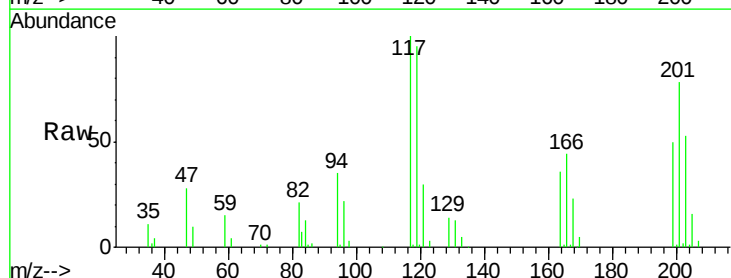
Tgt Ion:117 Resp: 61995

Ion Ratio Lower Upper

117 100

119 94.7 76.3 114.5

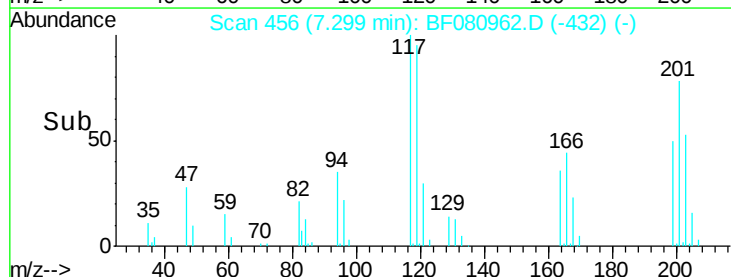
201 78.4 57.0 85.6



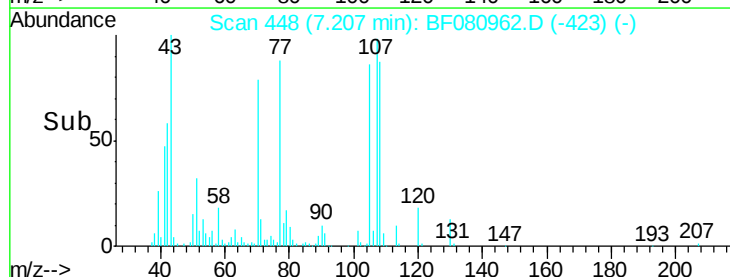
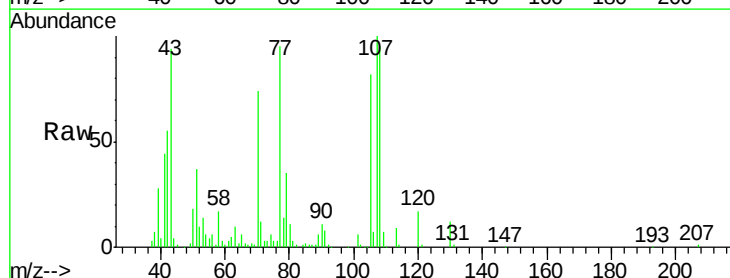
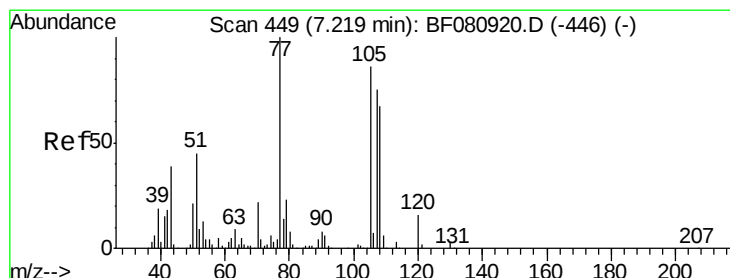
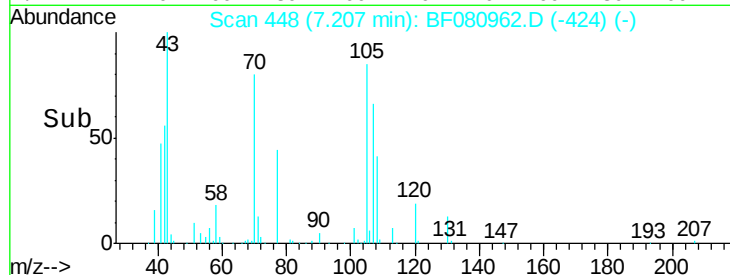
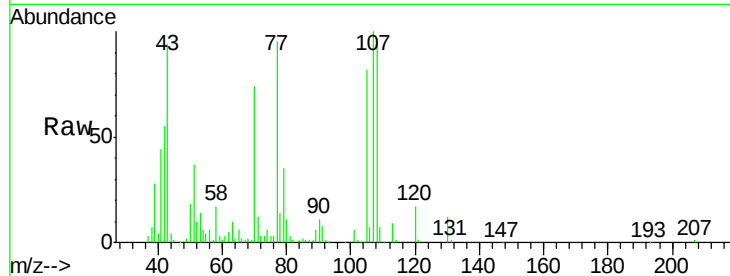
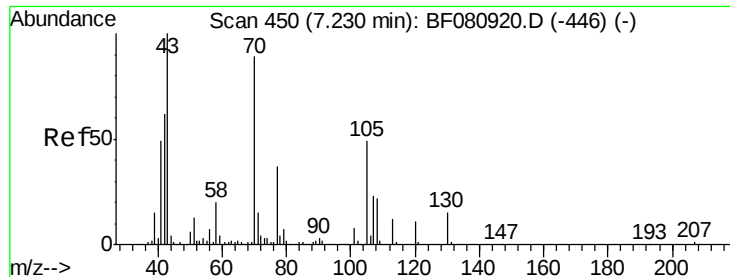
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



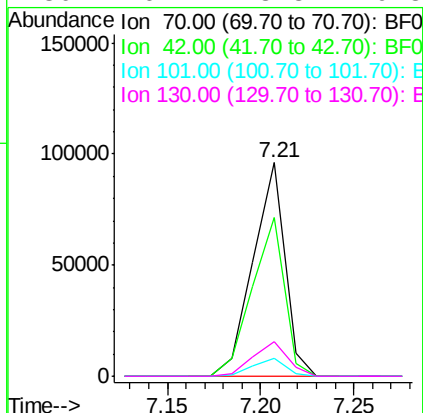
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 31.65 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

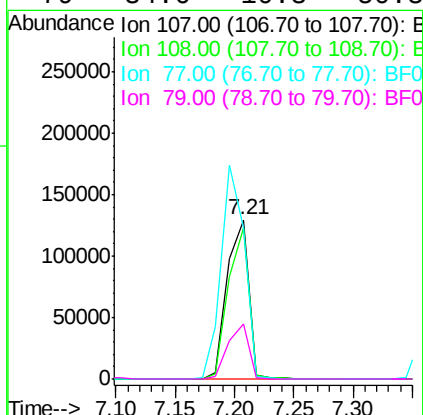
Instrument :
BNA_F
ClientSampled :

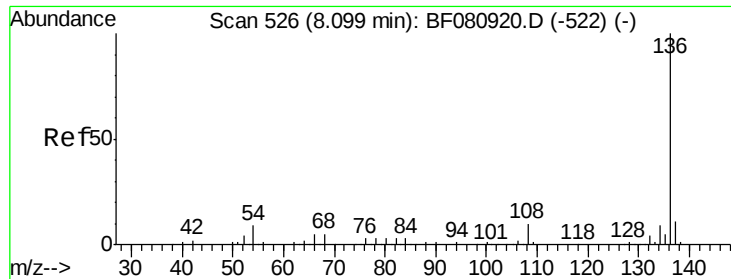
Tot Ion: 70 Resp: 113962
Ion Ratio Lower Upper
70 100
42 74.1 55.7 83.5
101 8.6 7.0 10.6
130 16.1 13.8 20.8



#20
3+4-Methylphenols
Concen: 36.75 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion: 107 Resp: 163930
Ion Ratio Lower Upper
107 100
108 94.9 69.2 109.2
77 94.9 113.0 153.0#
79 34.6 10.3 50.3

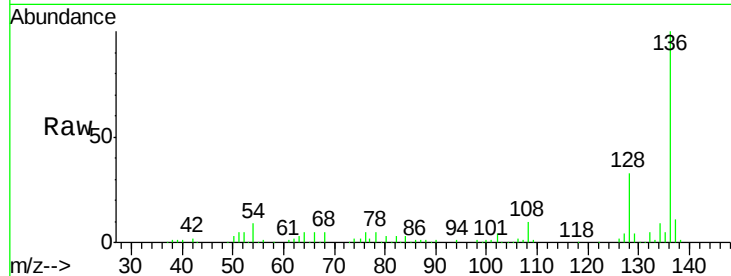




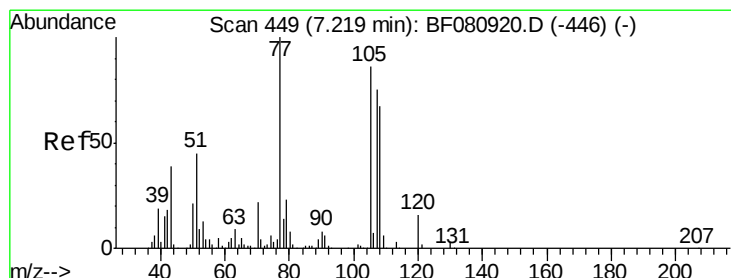
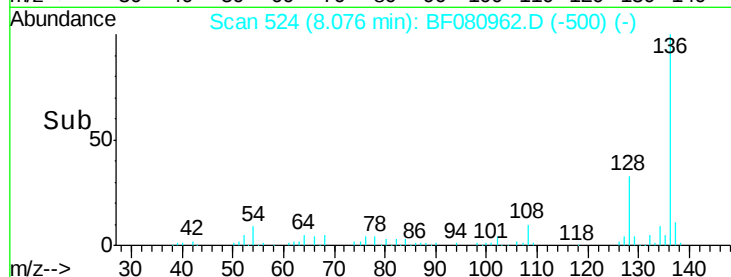
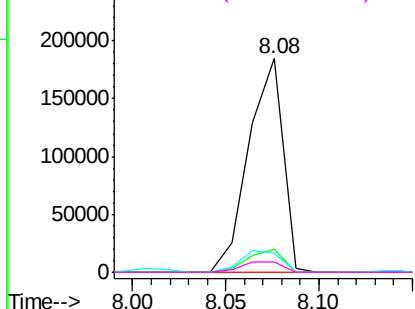
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	234442
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	8.9	7.1 10.7
68	4.7	3.8 5.8

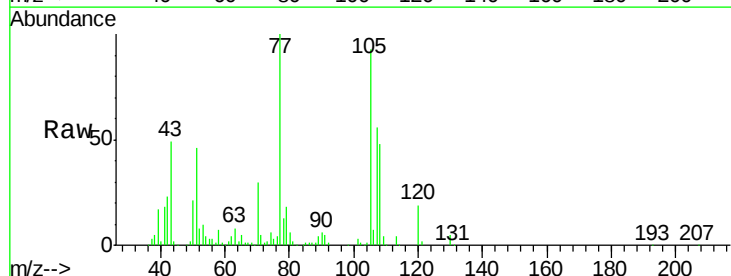


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

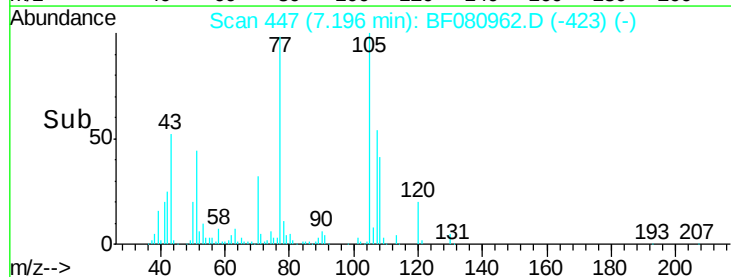
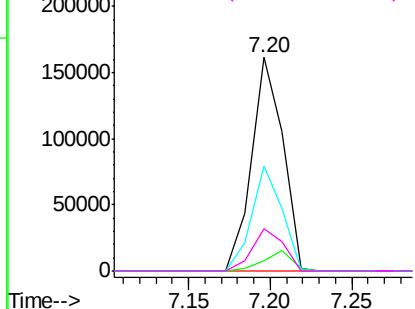


#22
Acetophenone
Concen: 37.34 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion:105	Resp:	214515
Ion Ratio	Lower	Upper
105	100	
71	5.0	3.3 4.9#
51	49.2	41.8 62.6
120	19.9	15.1 22.7



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

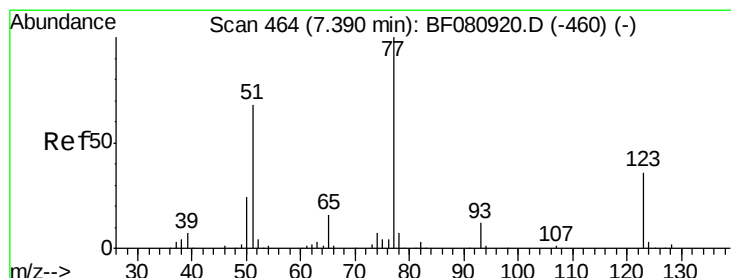
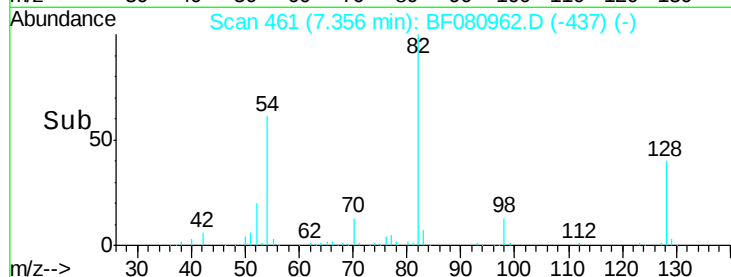
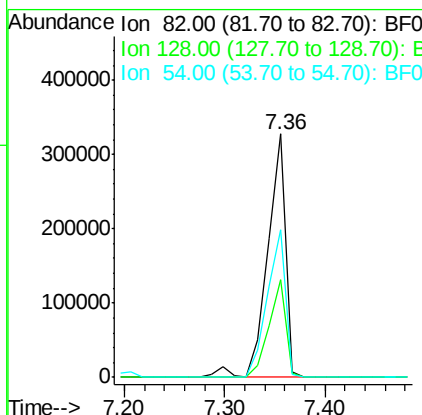
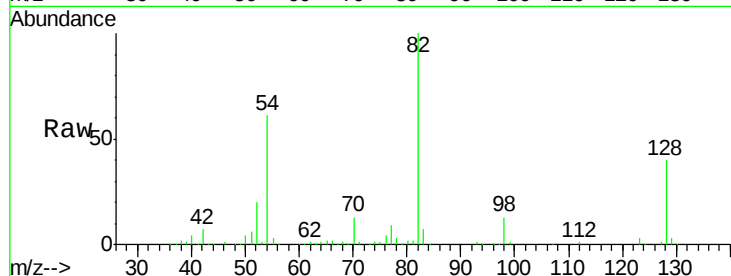




#23
 Nitrobenzene-d5
 Concen: 82.01 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

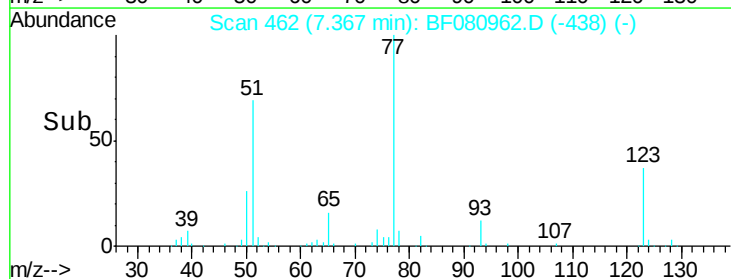
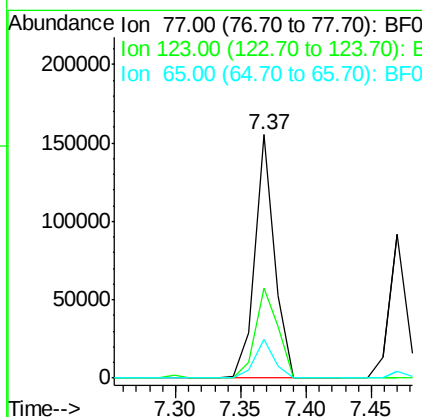
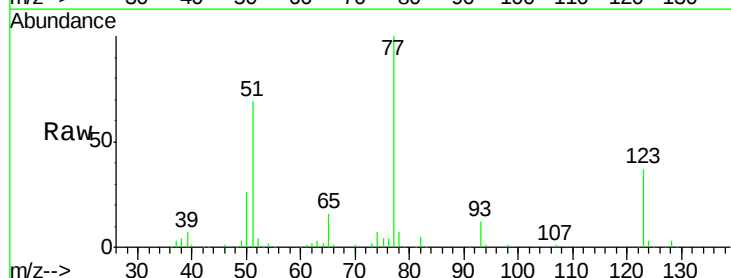
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	406481
Ion Ratio	100	Lower	Upper
128	40.0	34.1	51.1
54	60.8	46.5	69.7



#24
 Nitrobenzene
 Concen: 32.20 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion	77	Resp	164314
Ion Ratio	100	Lower	Upper
123	36.9	28.7	43.1
65	15.8	12.5	18.7





#25

Isophorone

Concen: 32.65 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampled :

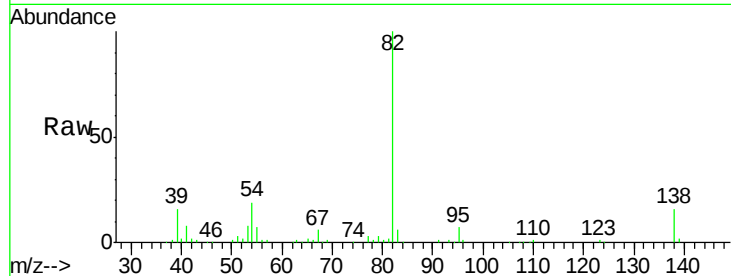
Tot Ion: 82 Resp: 311235

Ion Ratio Lower Upper

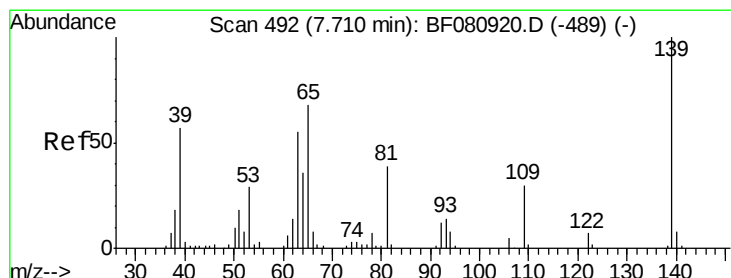
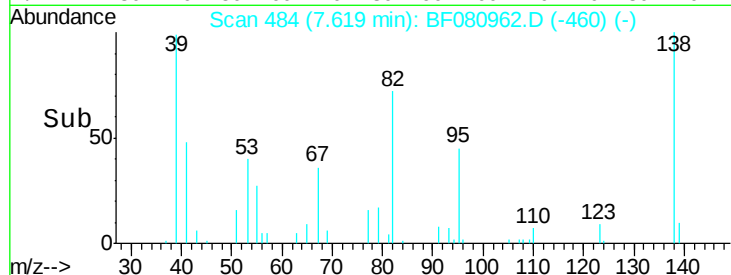
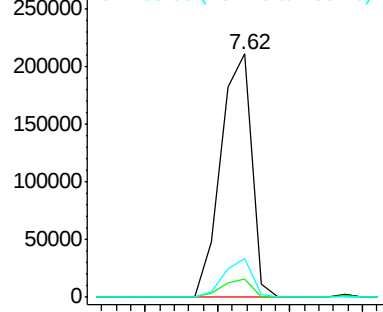
82 100

95 7.3 5.8 8.6

138 16.2 14.1 21.1



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



#26

2-Nitrophenol

Concen: 35.30 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

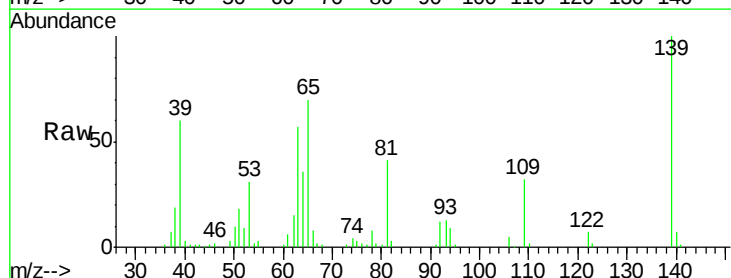
Tgt Ion: 139 Resp: 75804

Ion Ratio Lower Upper

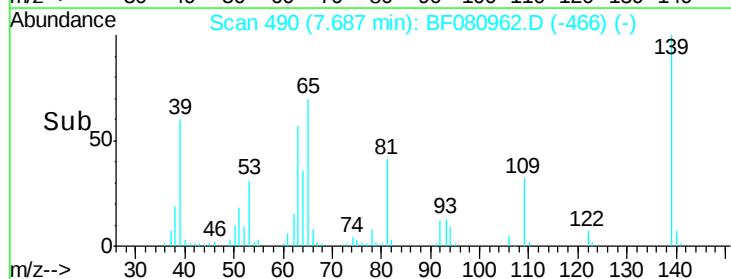
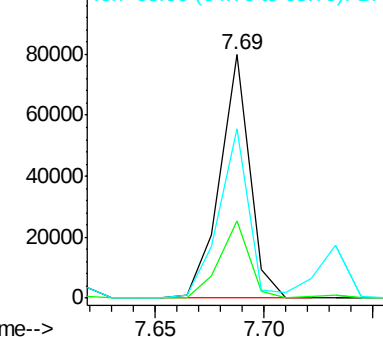
139 100

109 32.0 24.1 36.1

65 69.8 54.0 81.0



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

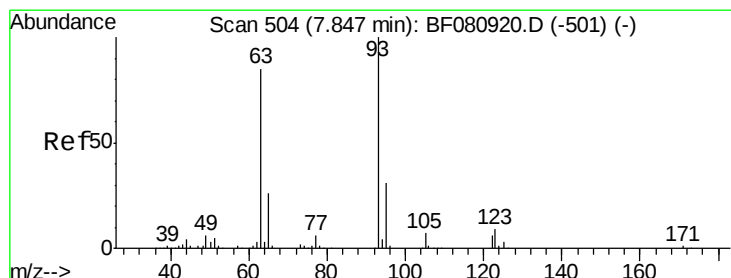
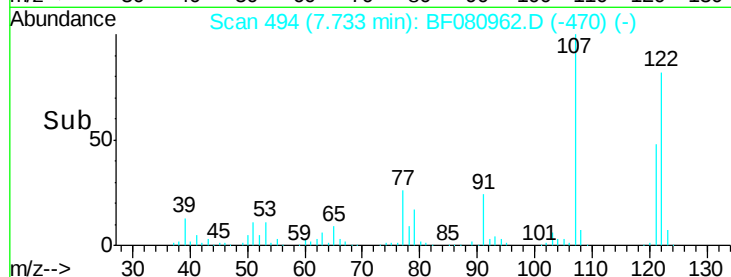
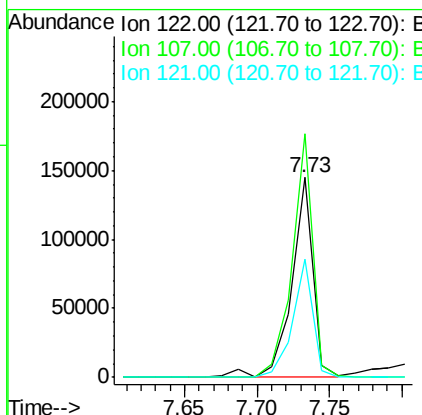
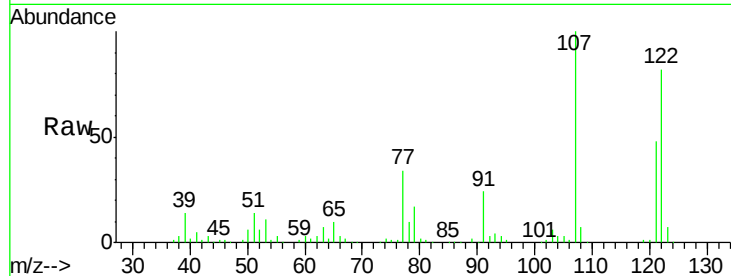




#27
 2,4-Dimethylphenol
 Concen: 36.80 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

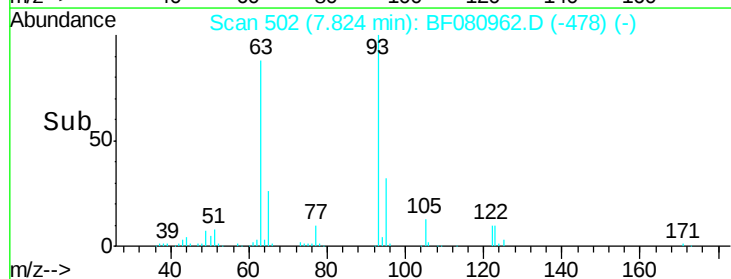
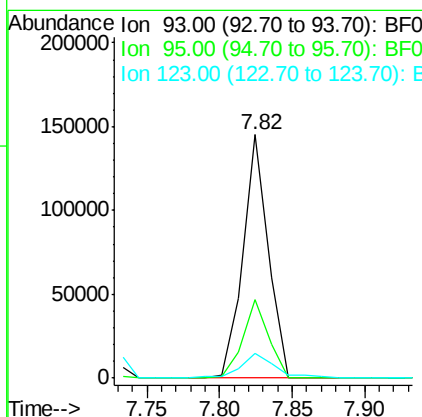
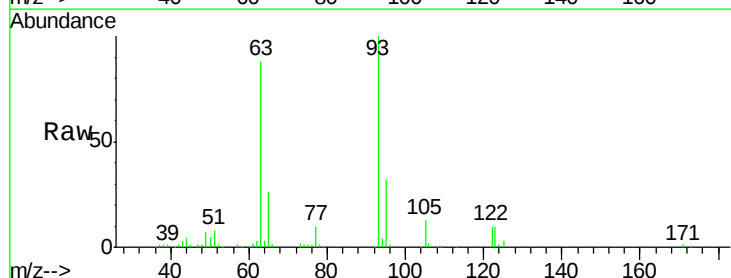
Instrument :
 BNA_F
 ClientSampleID :

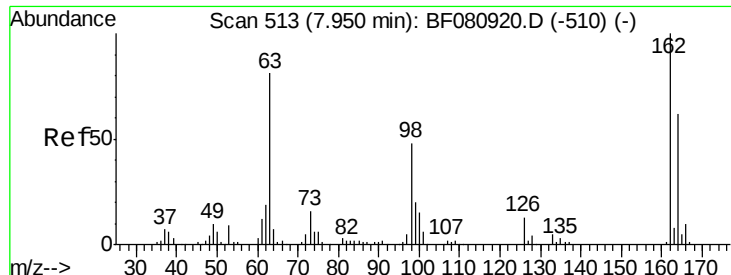
Tot Ion:122 Resp: 147950
 Ion Ratio Lower Upper
 122 100
 107 122.0 90.2 135.4
 121 59.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.73 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion: 93 Resp: 175818
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.0 37.4
 123 10.0 7.4 11.0

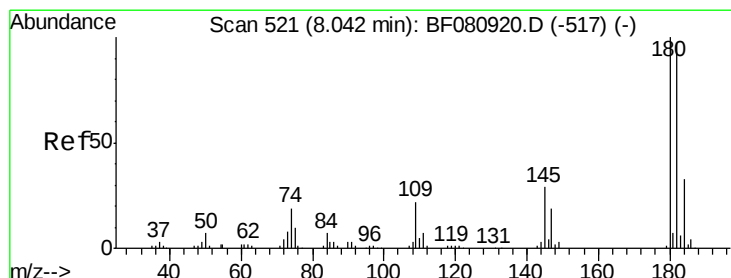
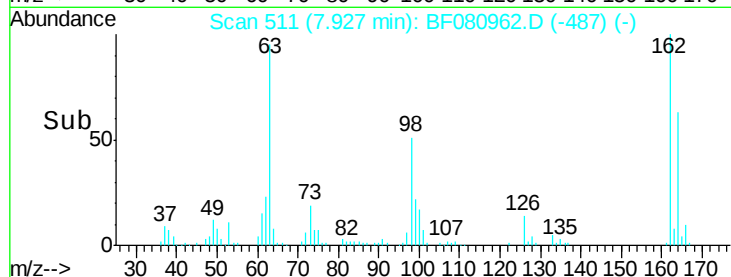
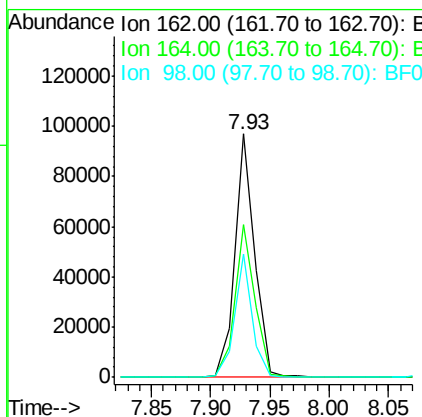
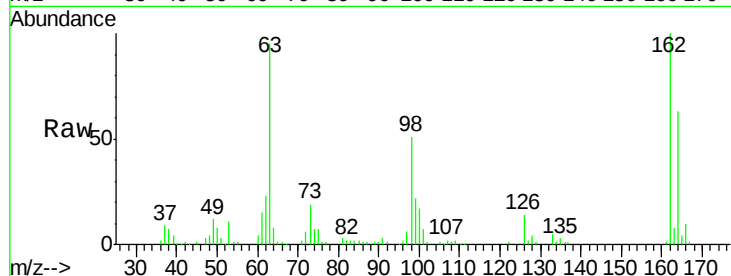




#29
 2,4-Dichlorophenol
 Concen: 33.85 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

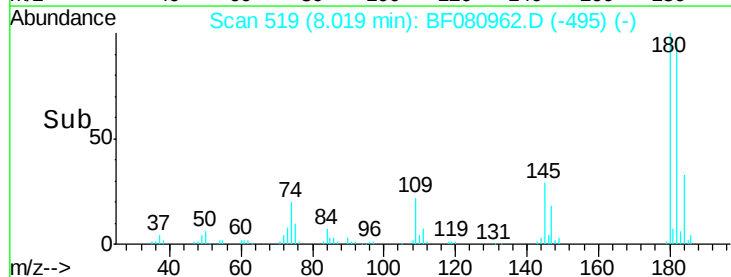
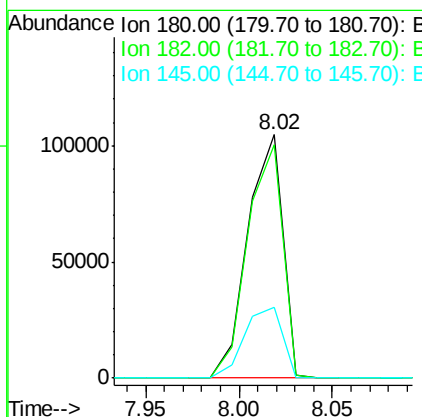
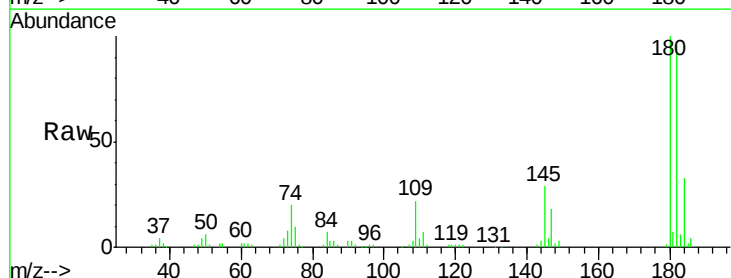
Instrument :
 BNA_F
 ClientSampleId :

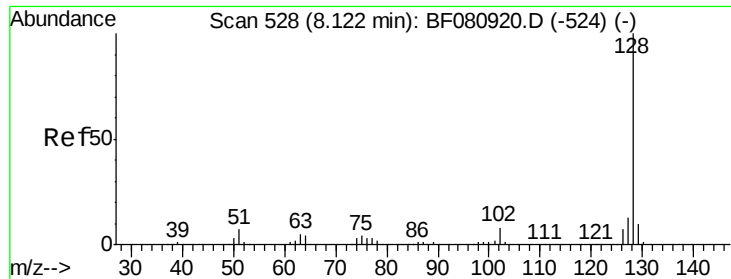
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.3	82.3
98	50.8	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 37.70 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.4	116.0
145	29.2	23.2	34.8





#31

Naphthalene

Concen: 33.98 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

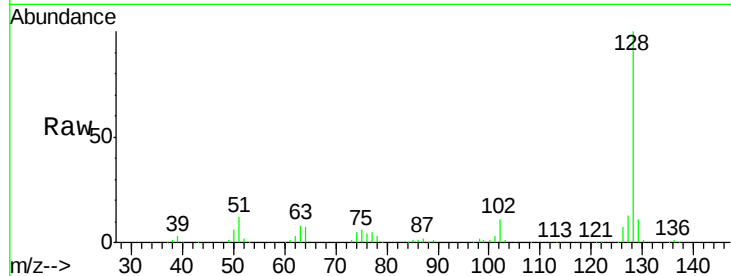
Tot Ion:128 Resp: 439152

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

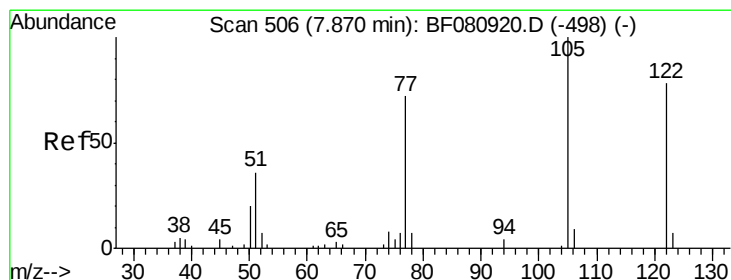
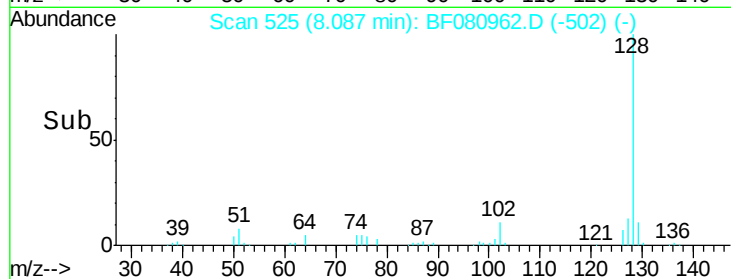
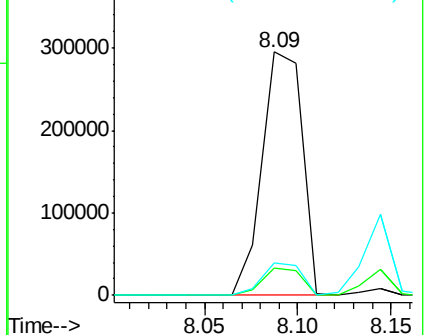
127 13.2 10.5 15.7



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: 35.63 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

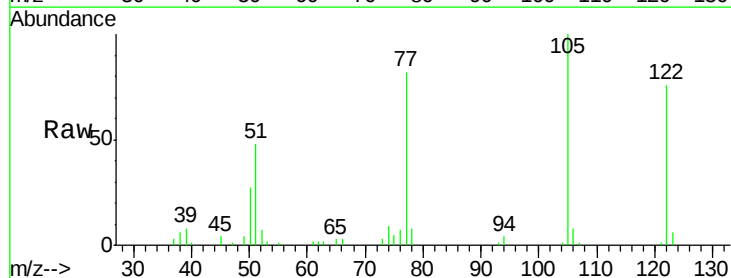
Tgt Ion:122 Resp: 85748

Ion Ratio Lower Upper

122 100

105 131.2 103.6 143.6

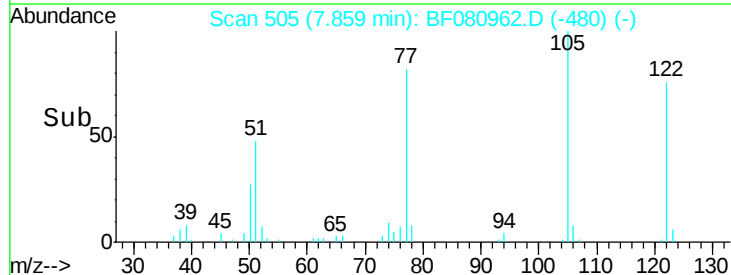
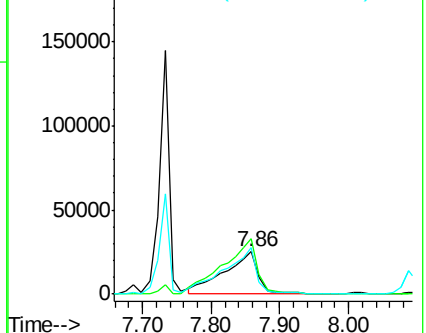
77 108.2 70.4 110.4

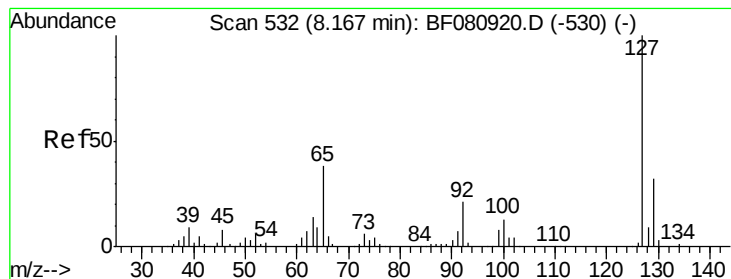


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.09 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 100252

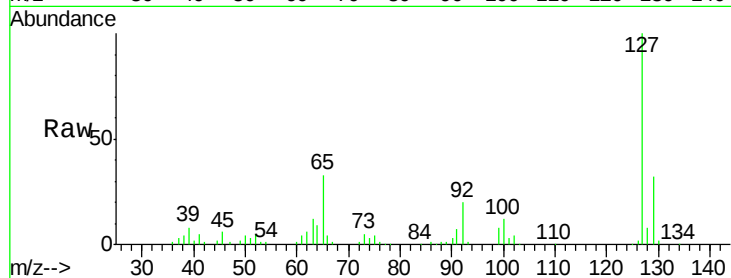
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 33.4 30.6 45.8

92 19.6 16.9 25.3

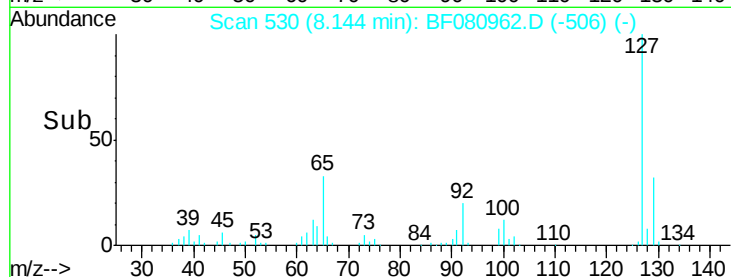


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

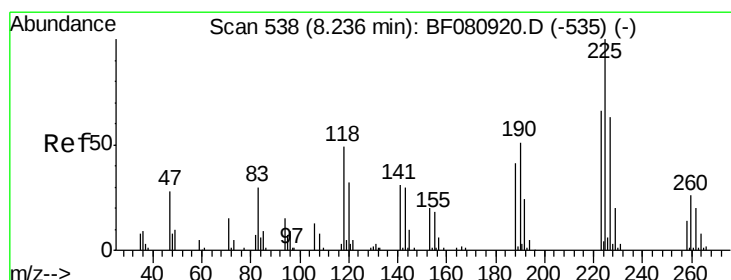
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->

8.14



#34

Hexachlorobutadiene

Concen: 33.03 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

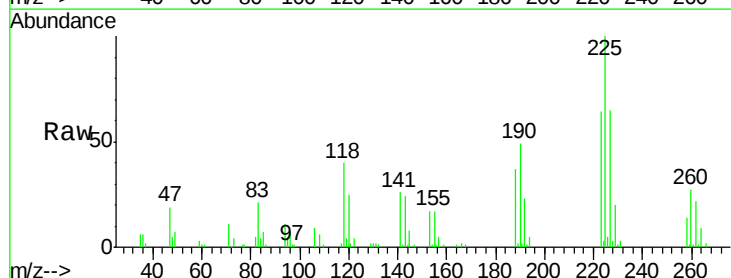
Tgt Ion:225 Resp: 70958

Ion Ratio Lower Upper

225 100

223 64.3 52.5 78.7

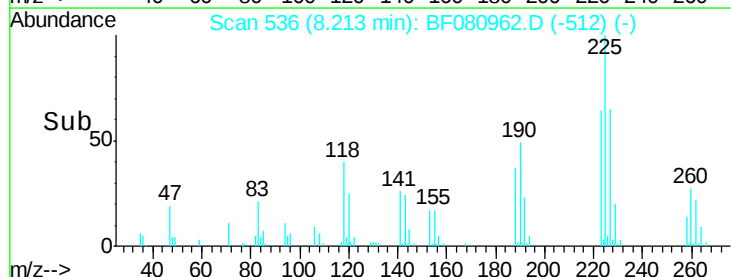
227 65.0 50.3 75.5



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



Time-->

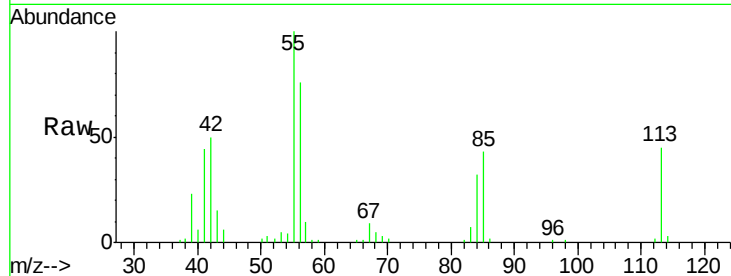
8.21



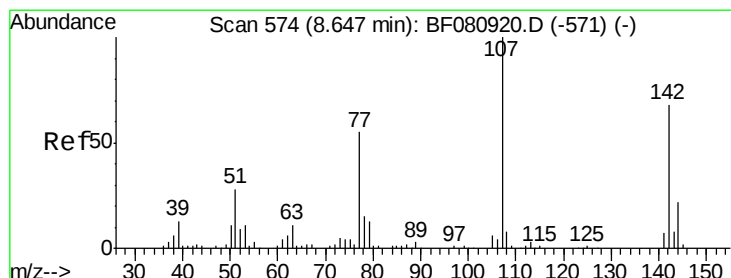
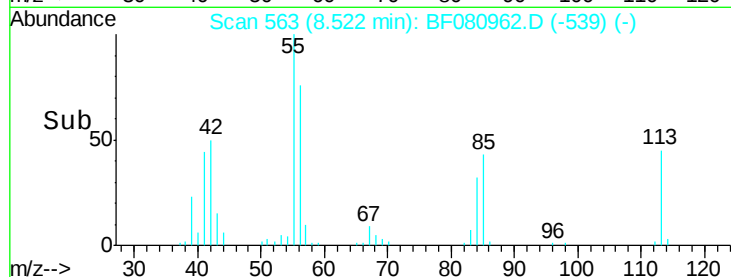
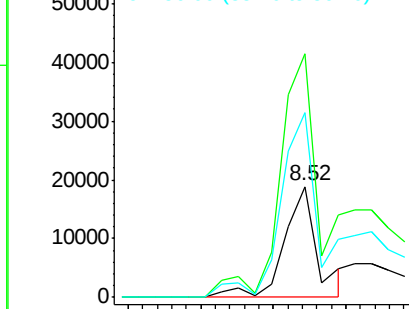
#35
Caprolactam
Concen: 24.96 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 29666
Ion Ratio Lower Upper
113 100
55 220.0 196.4 236.4
56 166.4 137.9 177.9

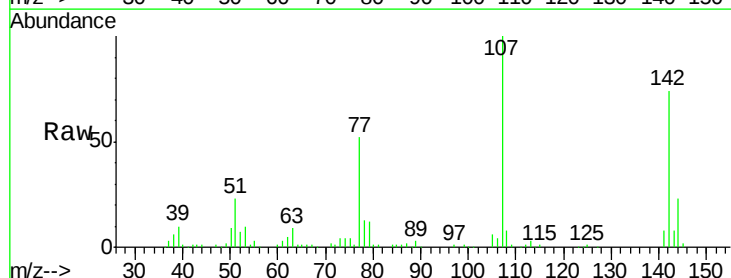


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

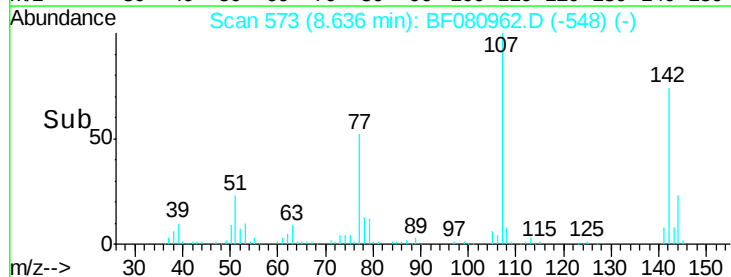
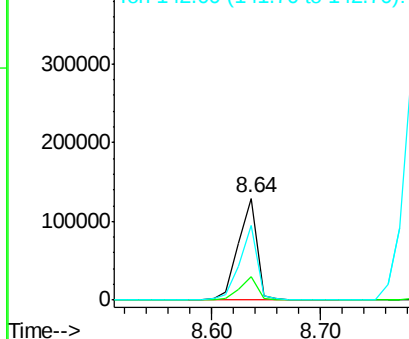


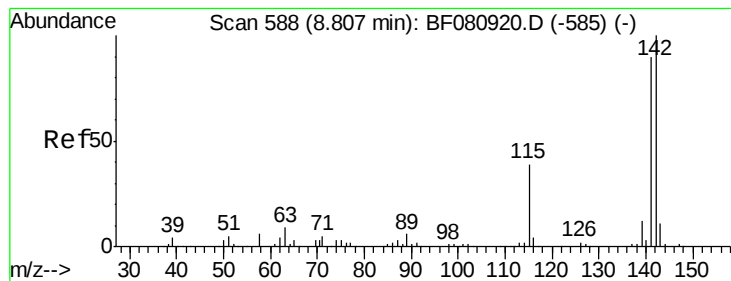
#36
4-Chloro-3-methylphenol
Concen: 37.92 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion:107 Resp: 152872
Ion Ratio Lower Upper
107 100
144 23.4 17.3 25.9
142 73.9 54.4 81.6



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





#37

2-Methylnaphthalene

Concen: 36.42 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

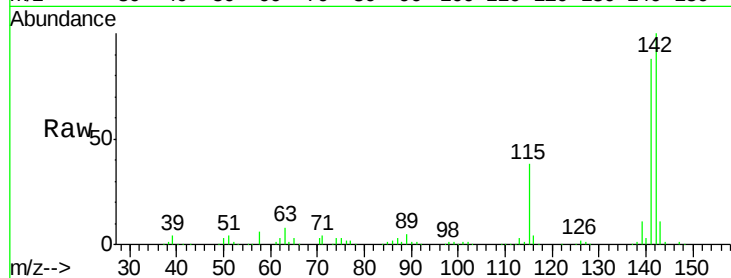
Tot Ion:142 Resp: 299600

Ion Ratio Lower Upper

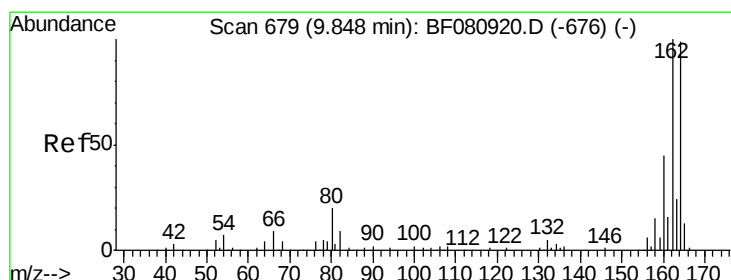
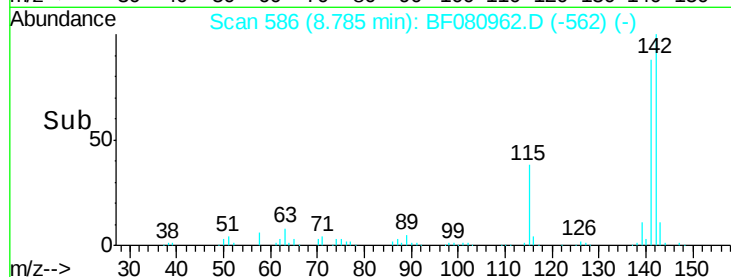
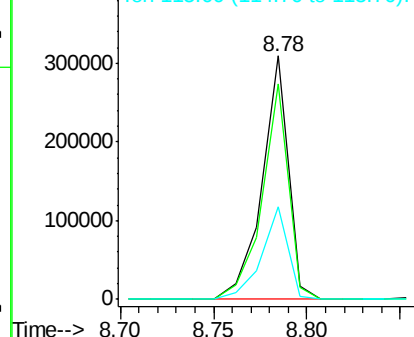
142 100

141 88.4 71.7 107.5

115 37.8 30.9 46.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

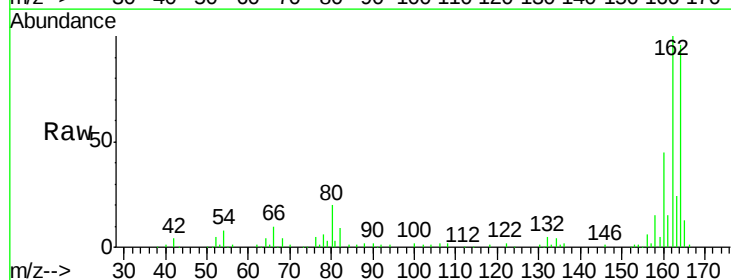
Tgt Ion:164 Resp: 103598

Ion Ratio Lower Upper

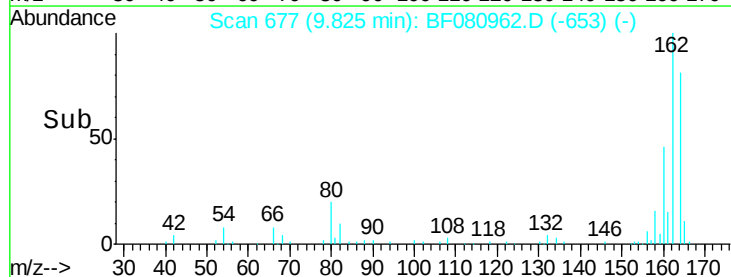
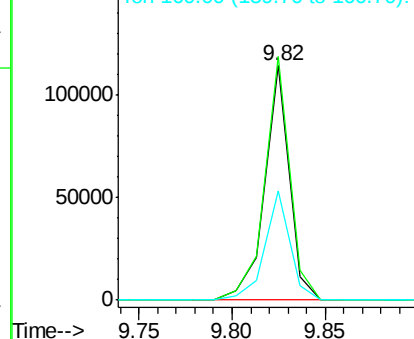
164 100

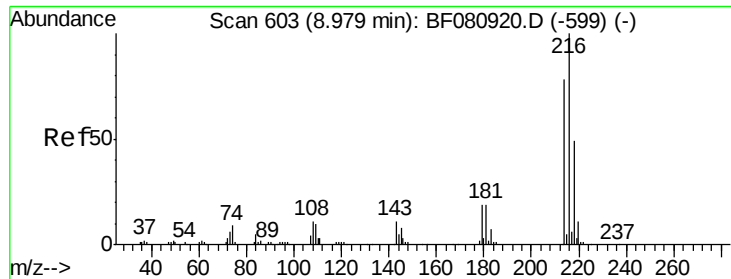
162 103.9 80.5 120.7

160 46.6 36.6 54.8



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

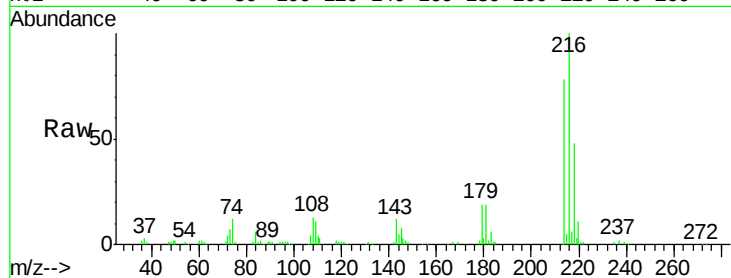




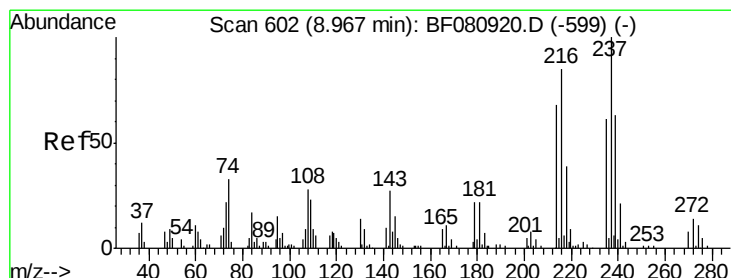
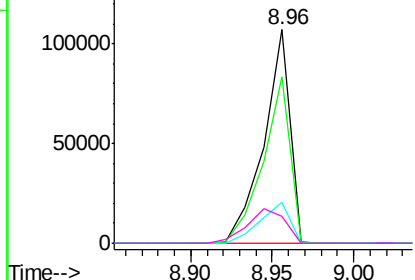
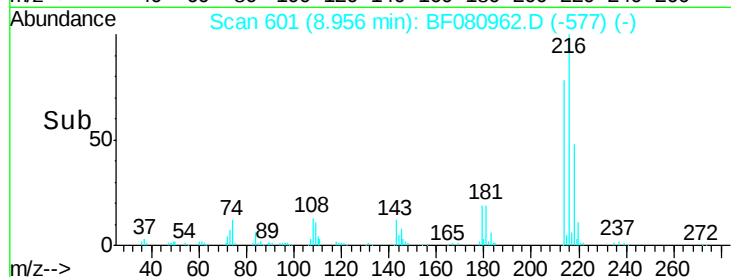
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.58 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	120012
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.0 94.4
179	21.9	17.2 25.8
108	23.1	16.1 24.1

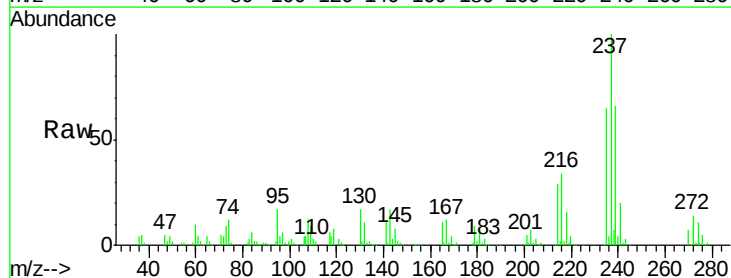


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

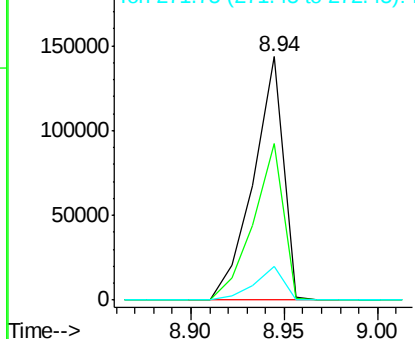
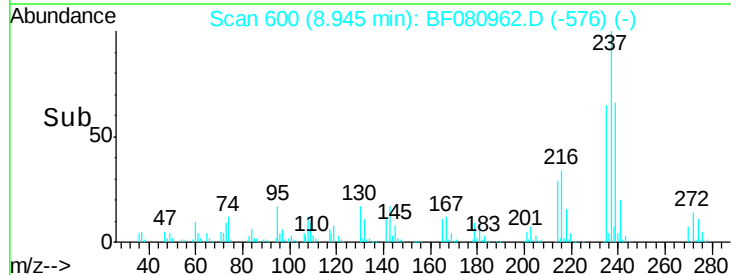


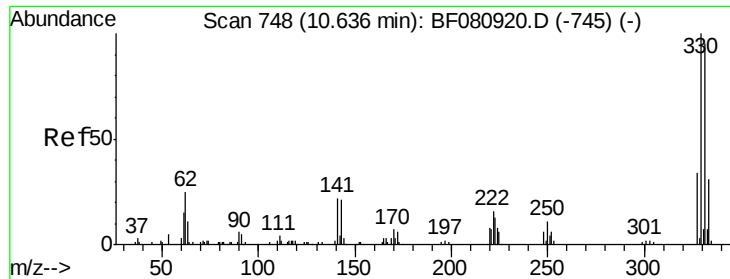
#40
 Hexachlorocyclopentadiene
 Concen: 91.89 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:237	Resp:	160133
Ion Ratio	Lower	Upper
237	100	
235	64.5	41.3 81.3
272	14.0	0.0 33.6



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

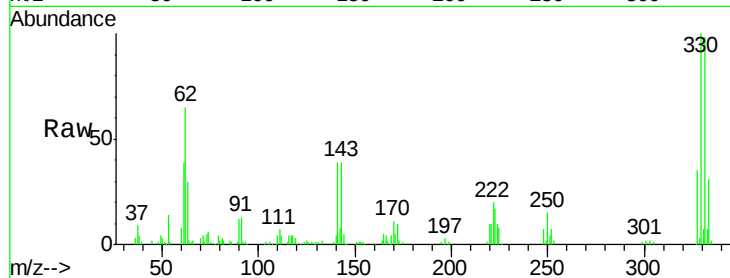




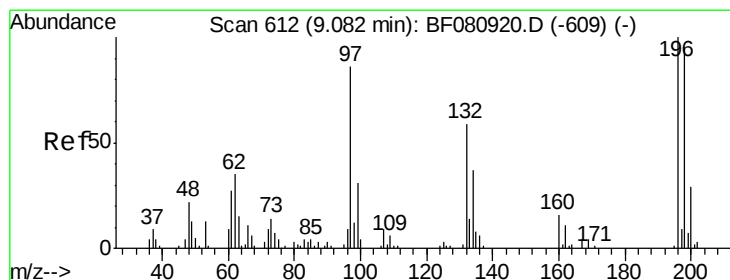
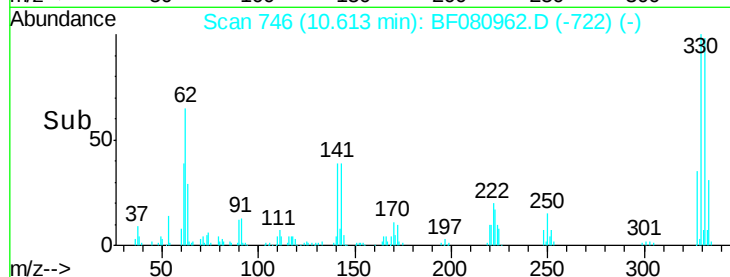
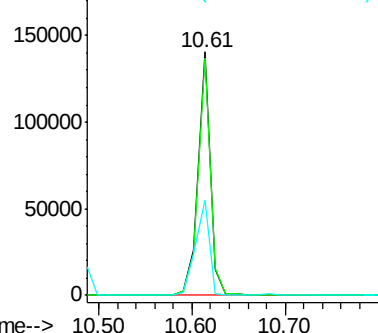
#41
 2,4,6-Tribromophenol
 Concen: 113.70 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	44.4	27.8	41.8#

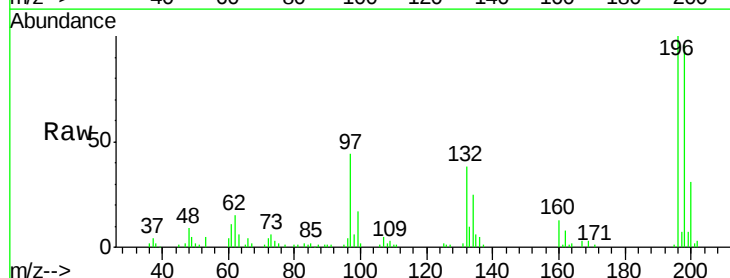


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

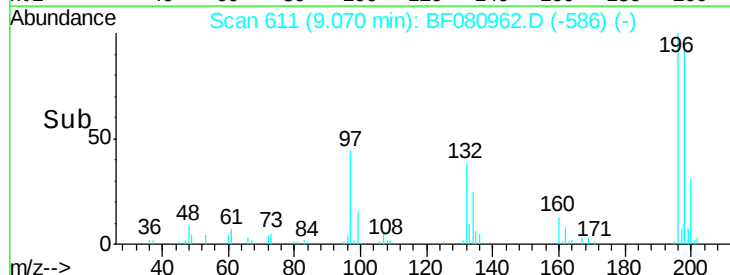
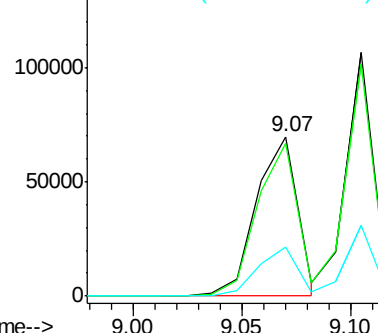


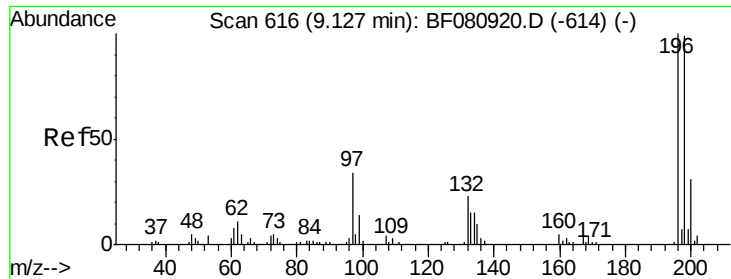
#42
 2,4,6-Trichlorophenol
 Concen: 39.54 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.9	113.9
200	30.9	23.1	34.7



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

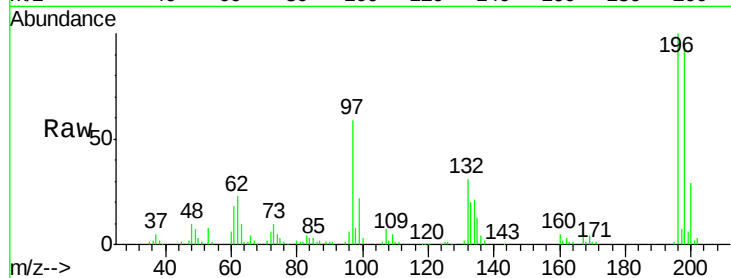




#43
 2,4,5-Trichlorophenol
 Concen: 41.61 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.9	118.3
97	58.7	29.1	43.7#
132	30.9	19.1	28.7#



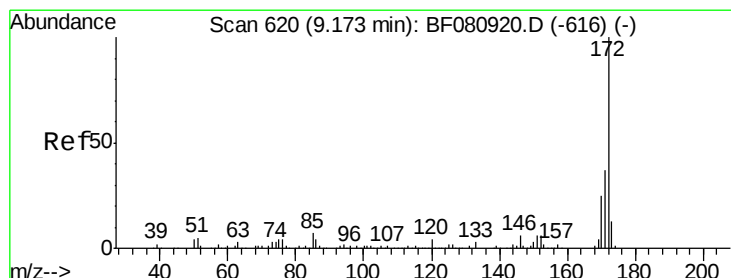
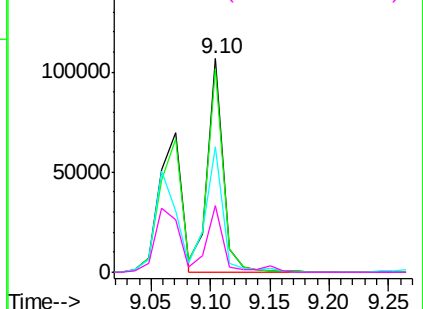
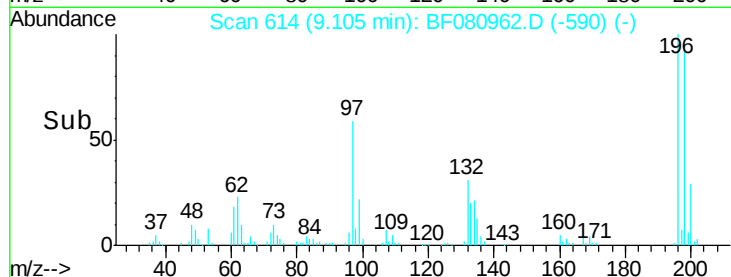
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

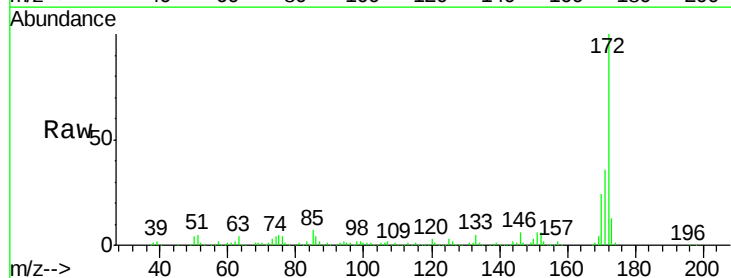
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.16 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	19.7	29.5

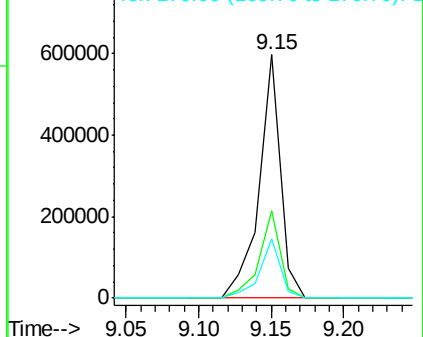
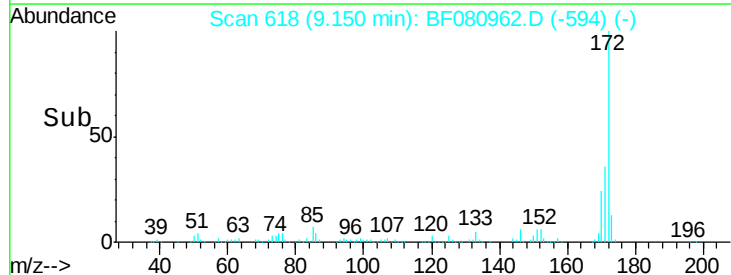


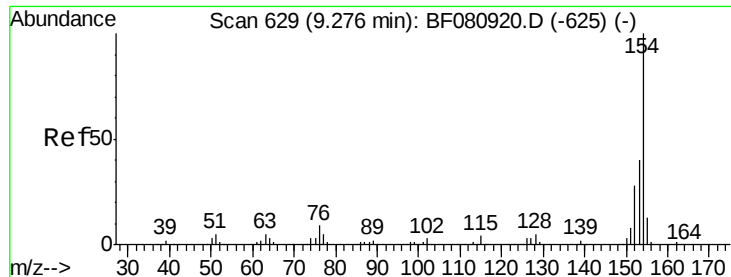
Abundance

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: 44.20 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

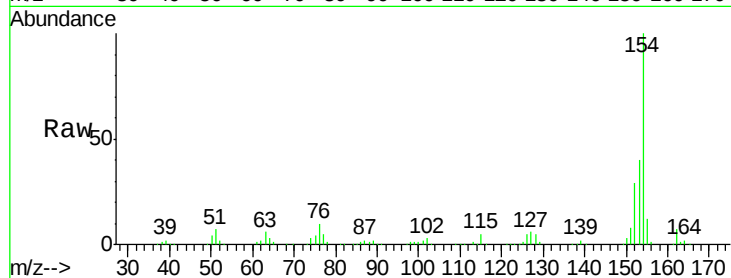
Tot Ion:154 Resp: 393001

Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

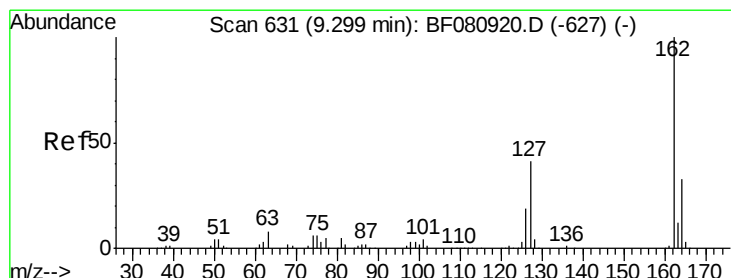
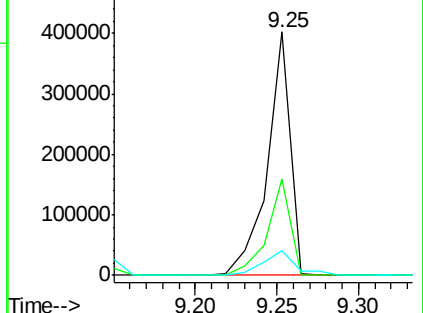
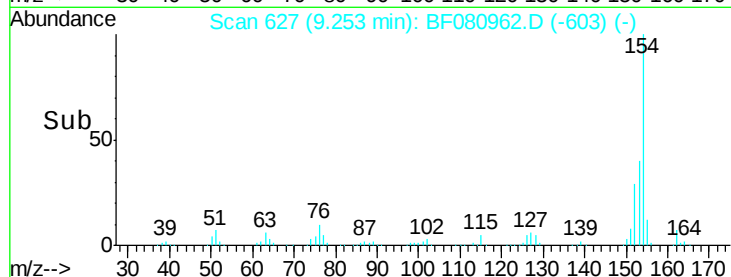
76 10.1 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.33 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

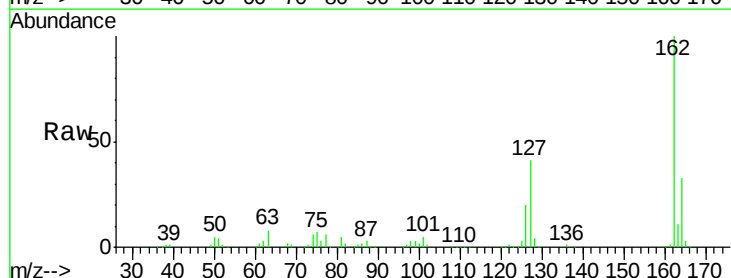
Tgt Ion:162 Resp: 279539

Ion Ratio Lower Upper

162 100

127 40.8 32.5 48.7

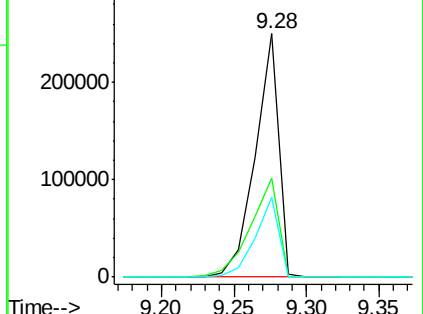
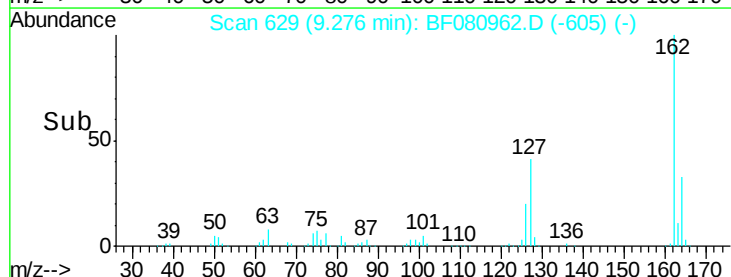
164 32.9 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

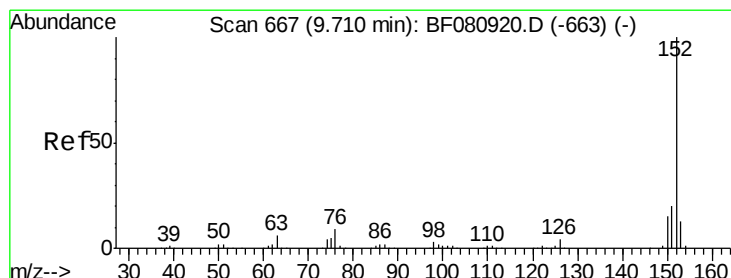
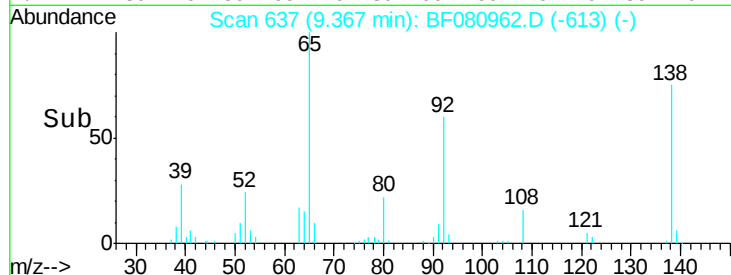
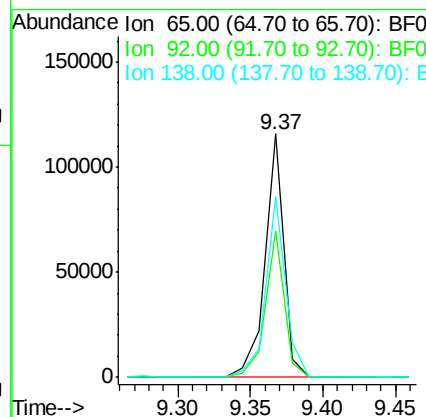
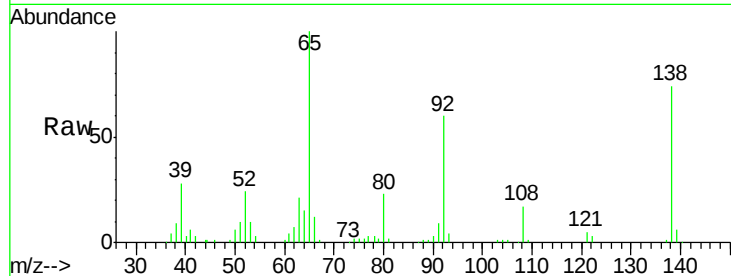




#47
 2-Nitroaniline
 Concen: 37.33 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

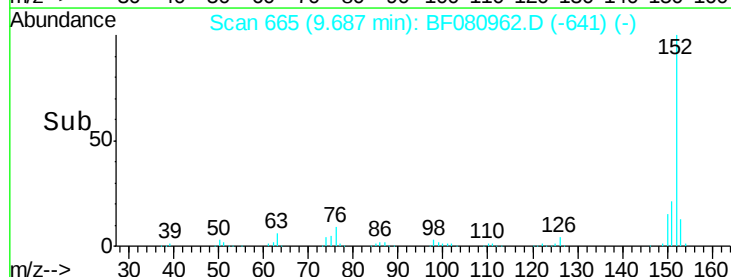
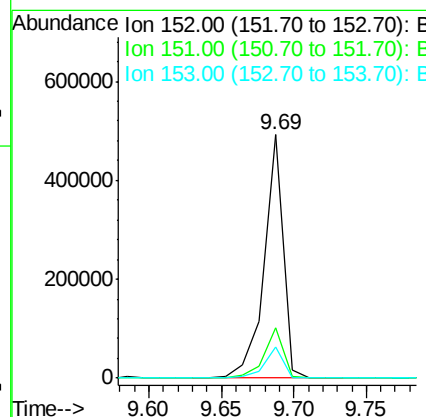
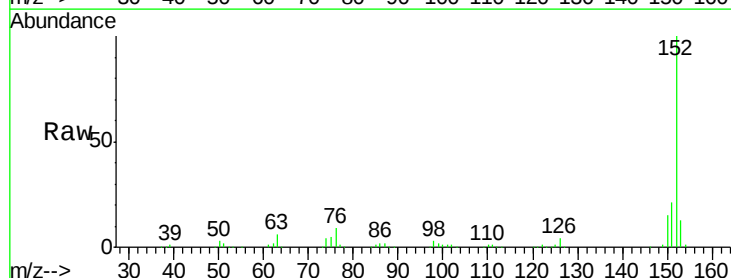
Instrument :
 BNA_F
 ClientSampleId :

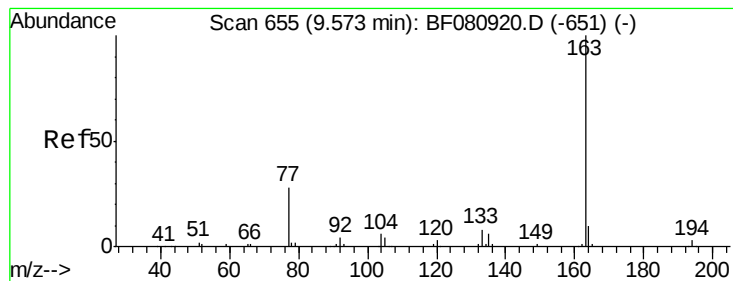
Tot Ion: 65 Resp: 103758
 Ion Ratio Lower Upper
 65 100
 92 60.2 48.0 72.0
 138 74.5 66.1 99.1



#48
 Acenaphthylene
 Concen: 37.06 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion: 152 Resp: 446670
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 12.9 10.5 15.7





#49

Dimethylphthalate

Concen: 37.10 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

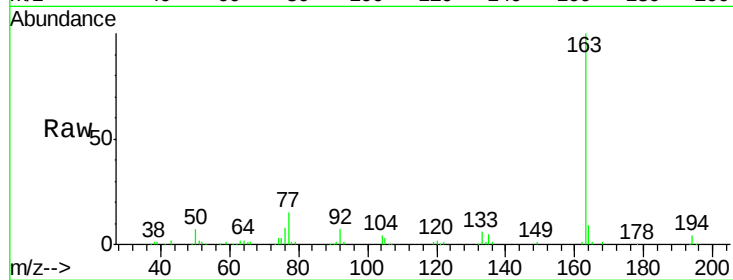
Tot Ion:163 Resp: 319281

Ion Ratio Lower Upper

163 100

194 3.9 2.4 3.6#

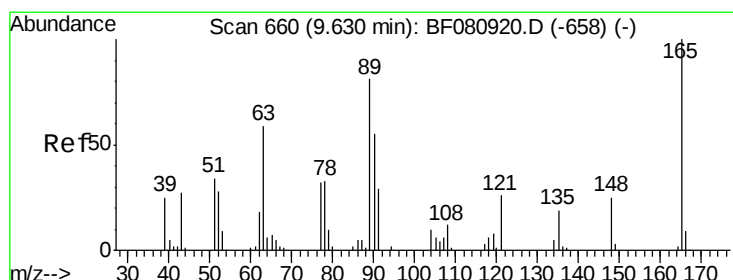
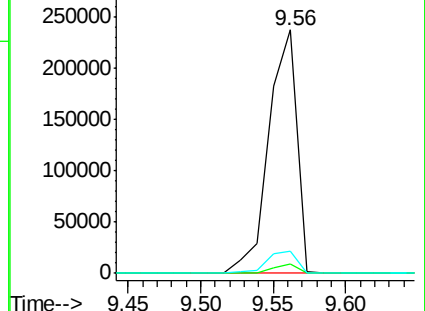
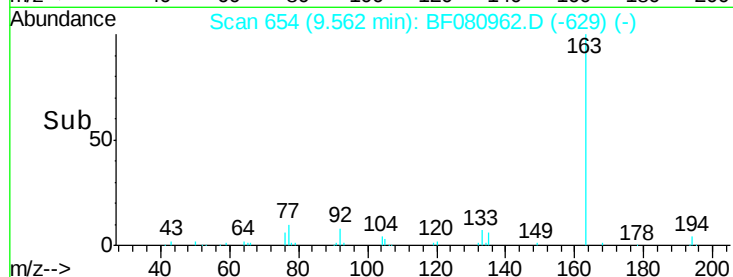
164 9.3 8.2 12.4



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: 38.69 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

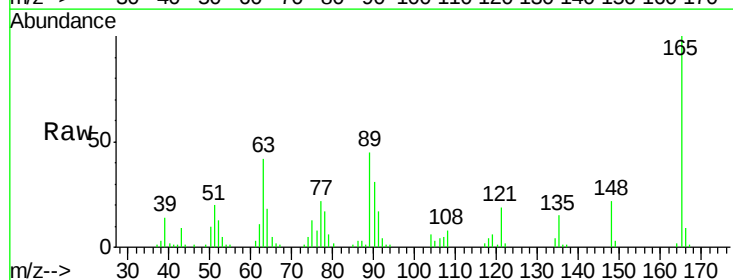
Tgt Ion:165 Resp: 68785

Ion Ratio Lower Upper

165 100

63 41.6 77.6 116.4#

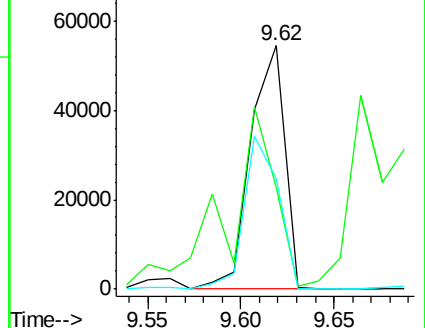
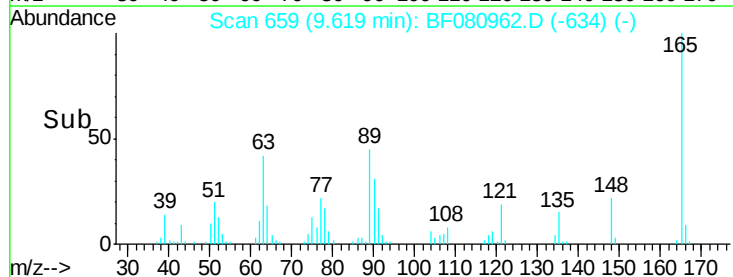
89 45.5 64.5 96.7#

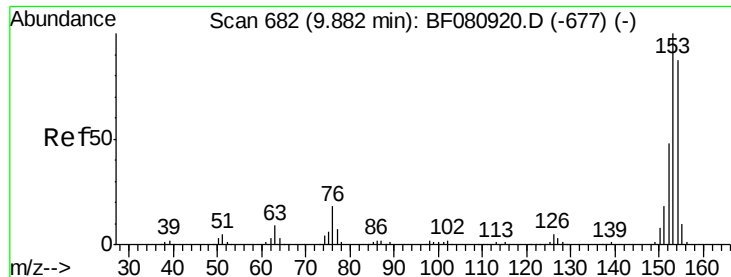


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.18 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

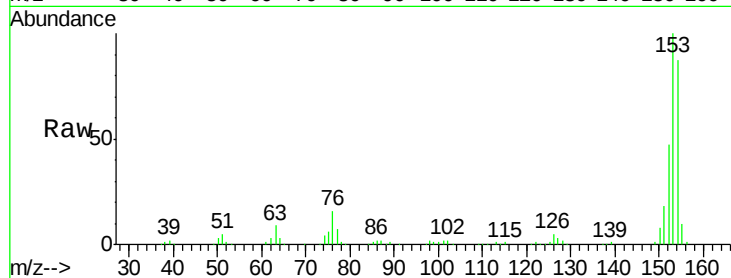
Tot Ion:154 Resp: 303895

Ion Ratio Lower Upper

154 100

153 114.9 91.4 137.2

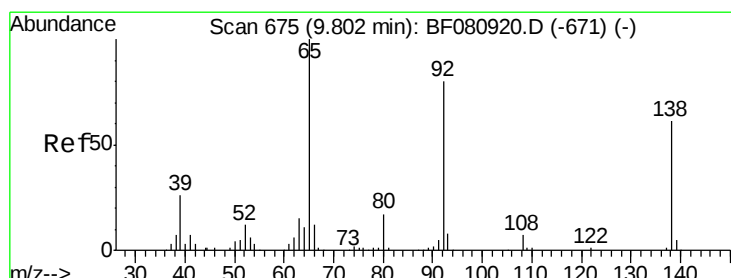
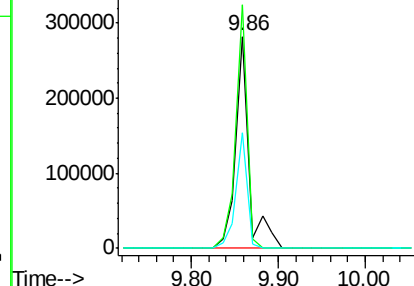
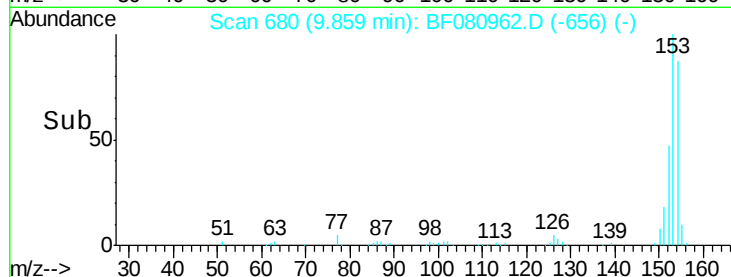
152 54.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.47 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

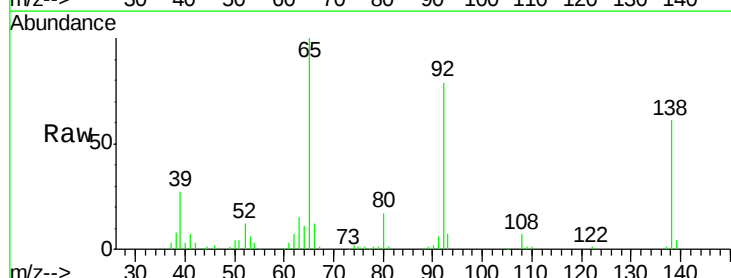
Tgt Ion:138 Resp: 47052

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

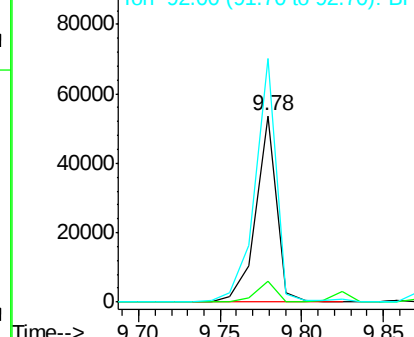
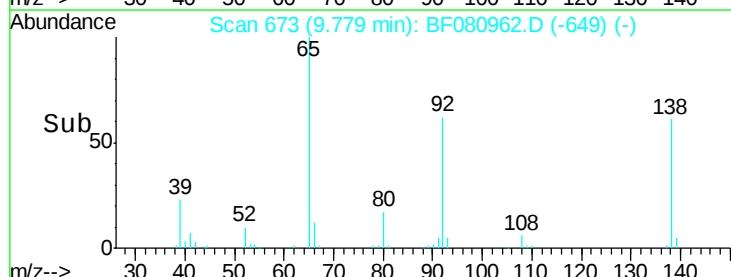
92 130.8 104.4 156.6

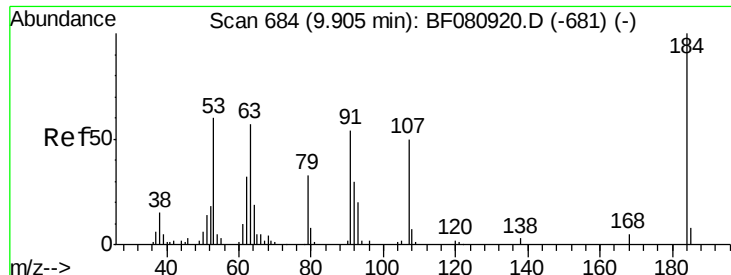


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

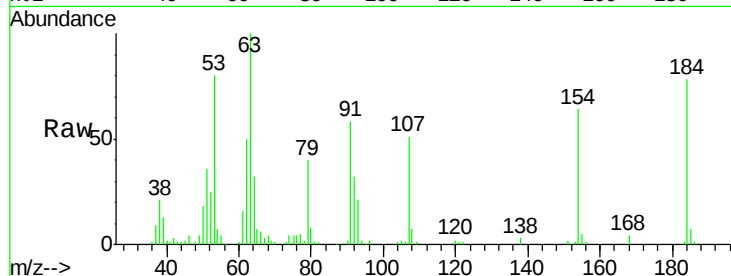




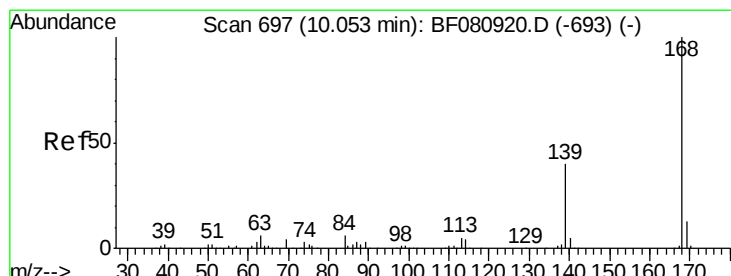
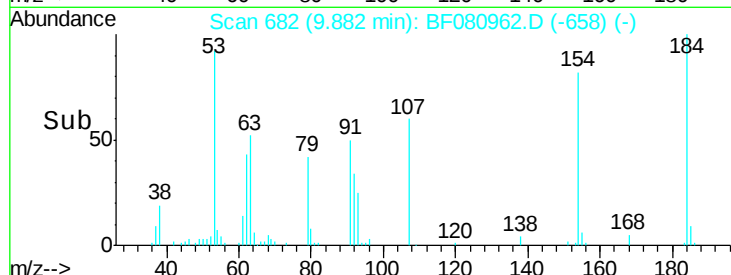
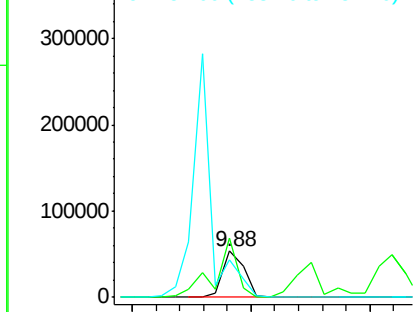
#53
 2,4-Dinitrophenol
 Concen: 63.78 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 67426
 Ion Ratio Lower Upper
 184 100
 63 128.3 59.7 89.5#
 154 81.9 53.8 80.8#

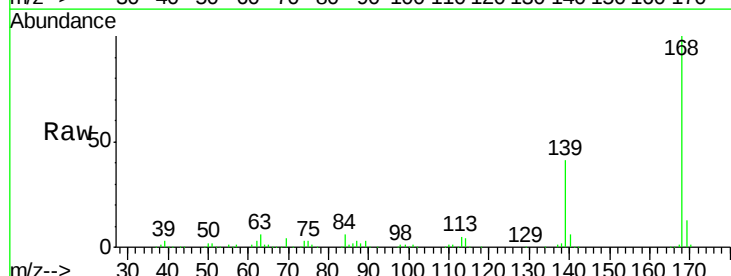


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

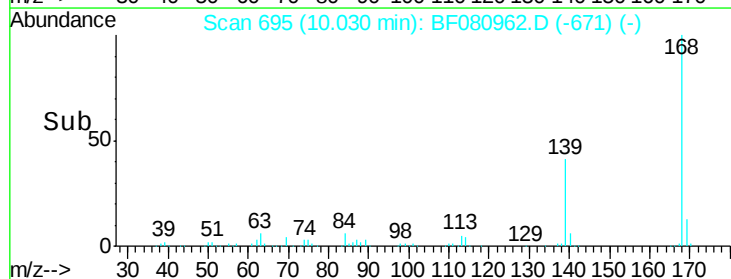
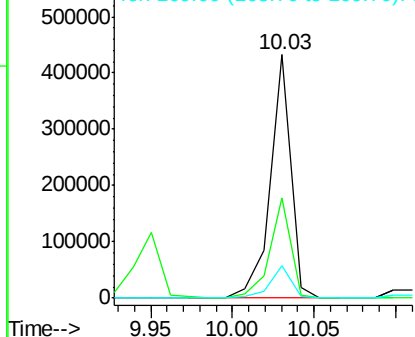


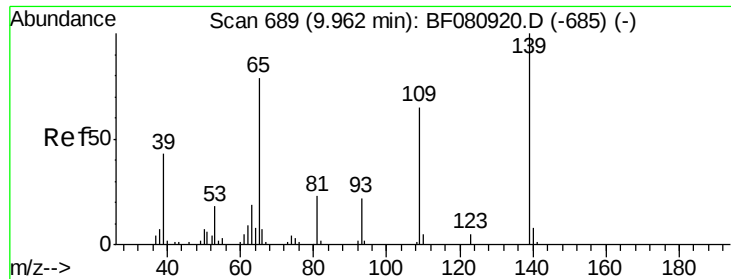
#54
 Dibenzofuran
 Concen: 38.14 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:168 Resp: 380623
 Ion Ratio Lower Upper
 168 100
 139 41.2 31.9 47.9
 169 13.4 10.6 15.8



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





#55

4-Nitrophenol

Concen: 80.11 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampled :

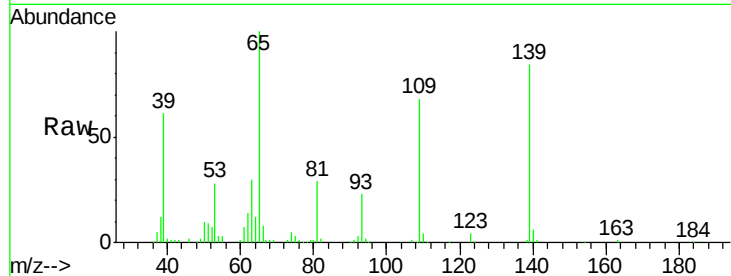
Tot Ion:139 Resp: 131425

Ion Ratio Lower Upper

139 100

109 80.4 44.7 84.7

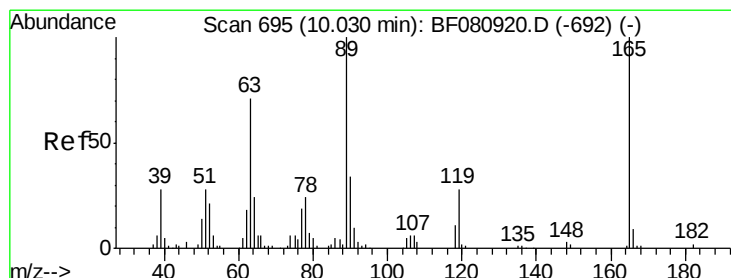
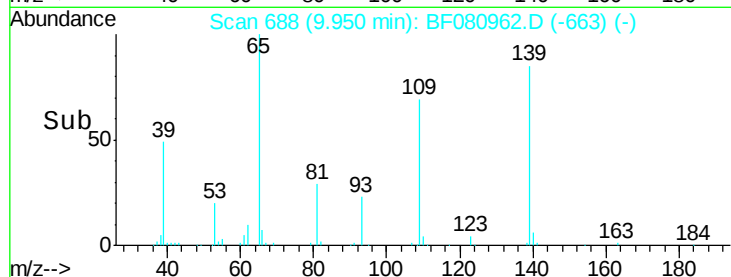
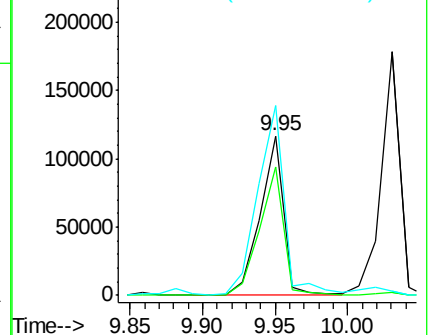
65 118.8 59.5 99.5#



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: 41.69 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Tgt Ion:165 Resp: 99176

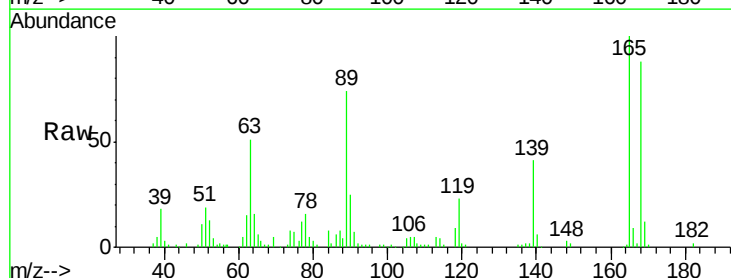
Ion Ratio Lower Upper

165 100

63 51.2 56.7 85.1#

89 73.7 80.4 120.6#

182 2.1 1.5 2.3

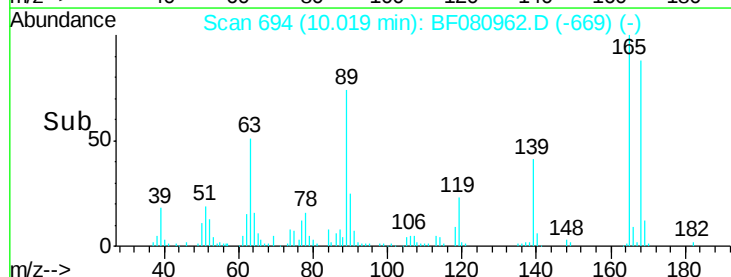
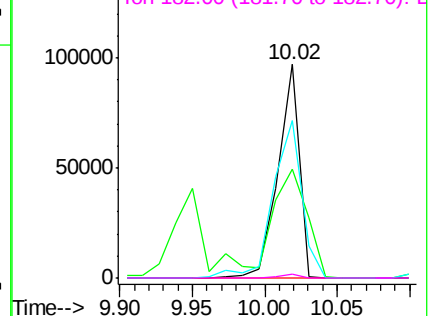


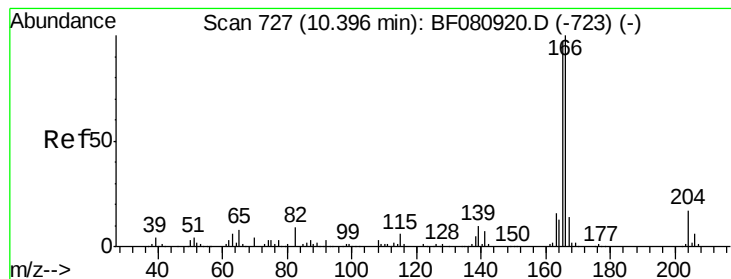
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.61 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

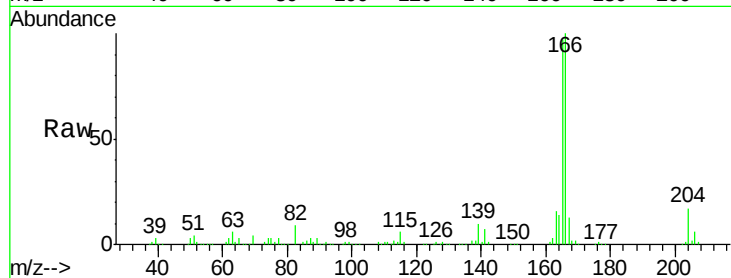
Tot Ion:166 Resp: 313519

Ion Ratio Lower Upper

166 100

165 96.7 77.2 115.8

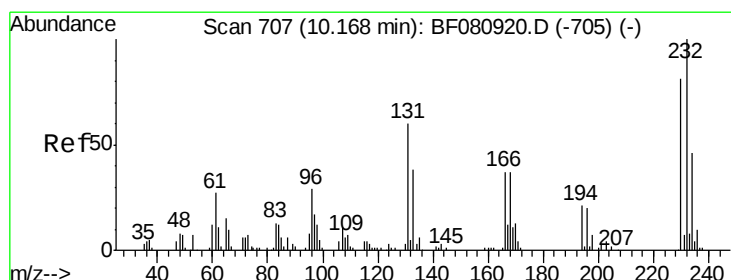
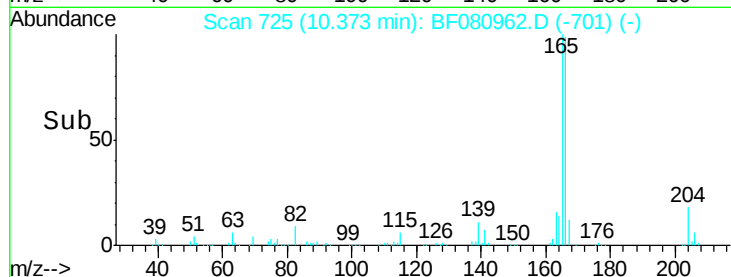
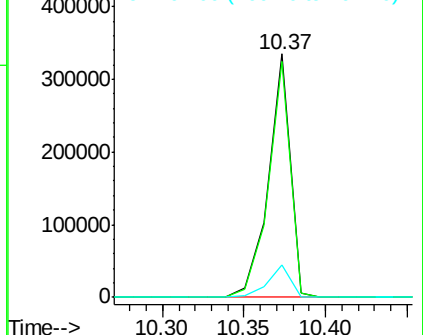
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.20 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Tgt Ion:232 Resp: 71305

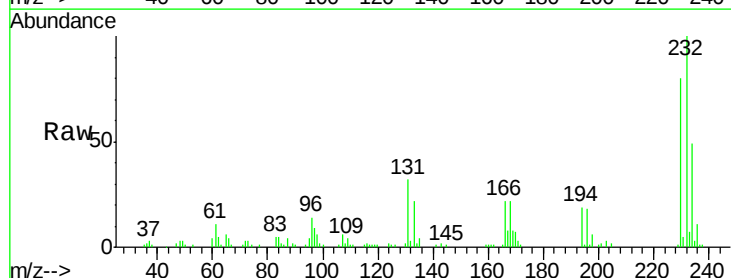
Ion Ratio Lower Upper

232 100

131 48.4 39.4 59.2

130 2.4 2.1 3.1

166 27.3 21.7 32.5

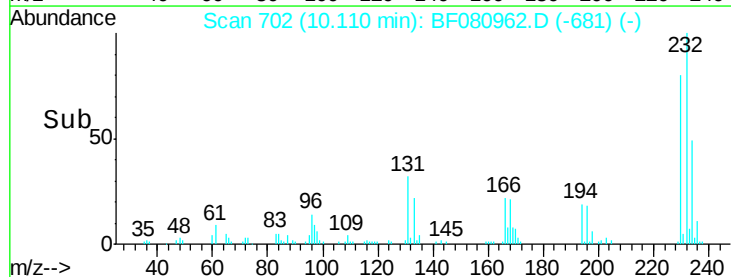
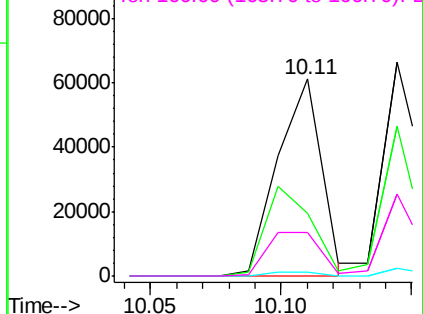


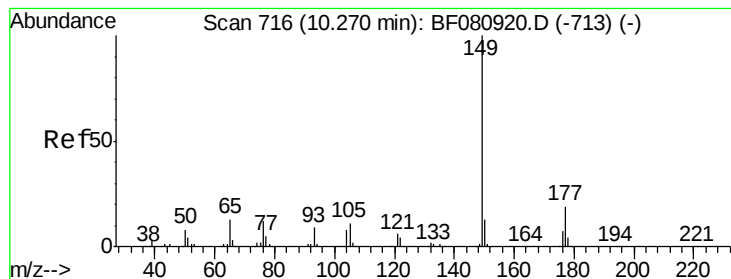
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.97 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

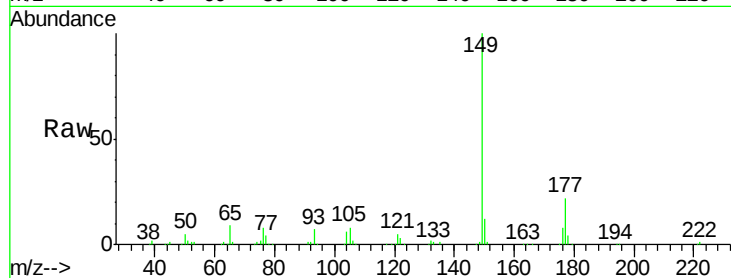
Tot Ion:149 Resp: 331125

Ion Ratio Lower Upper

149 100

177 21.7 15.0 22.4

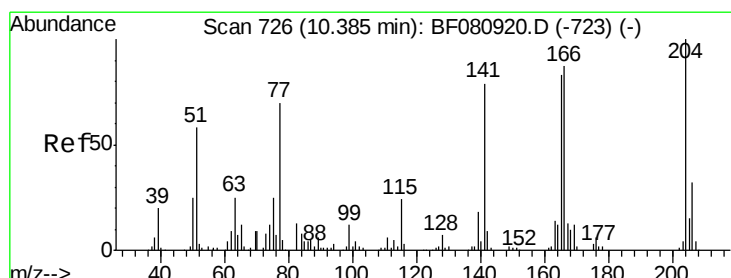
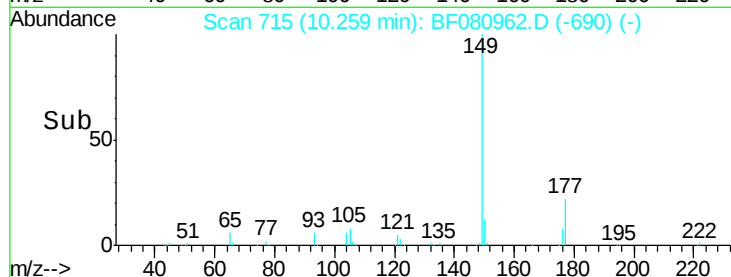
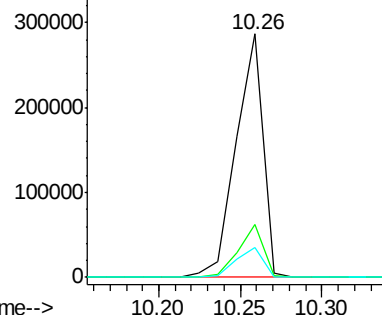
150 12.5 10.4 15.6



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: 33.11 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

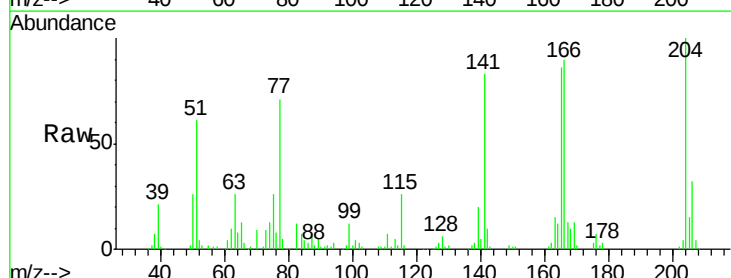
Tgt Ion:204 Resp: 124538

Ion Ratio Lower Upper

204 100

206 32.2 25.5 38.3

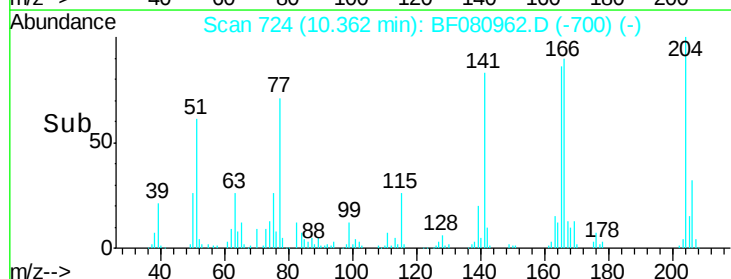
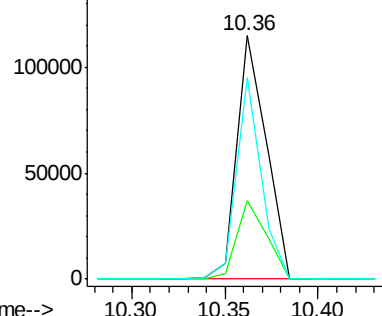
141 82.6 63.4 95.0

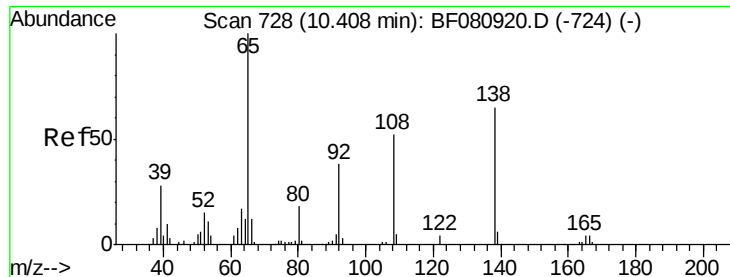


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

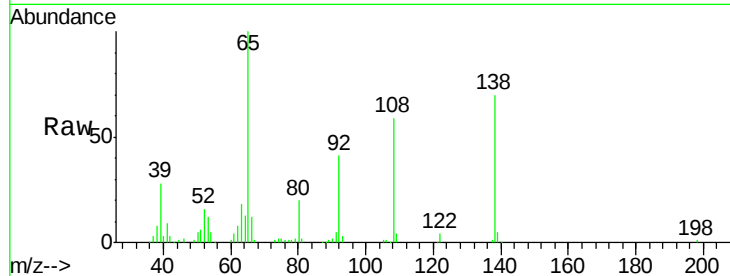




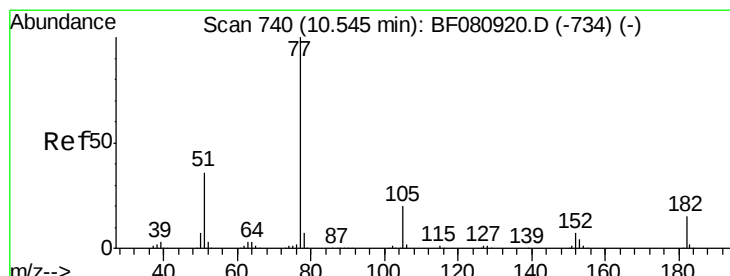
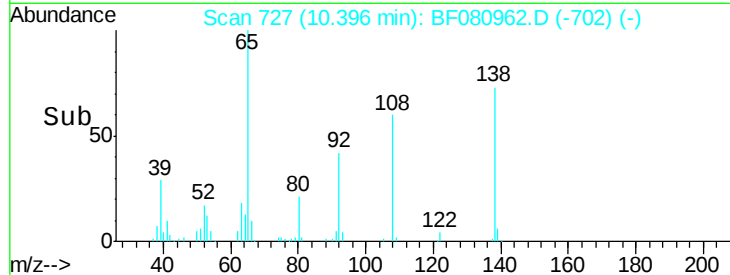
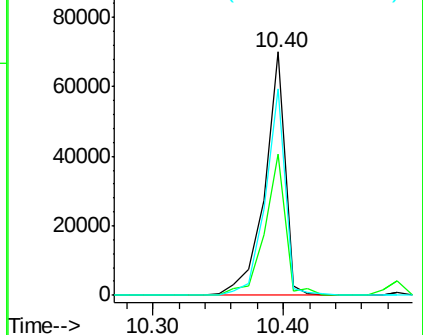
#61
4-Nitroaniline
Concen: 33.79 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 76213
Ion Ratio Lower Upper
138 100
92 58.0 38.1 78.1
108 84.6 59.9 99.9

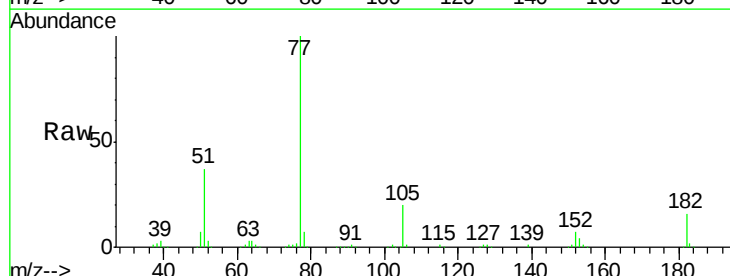


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

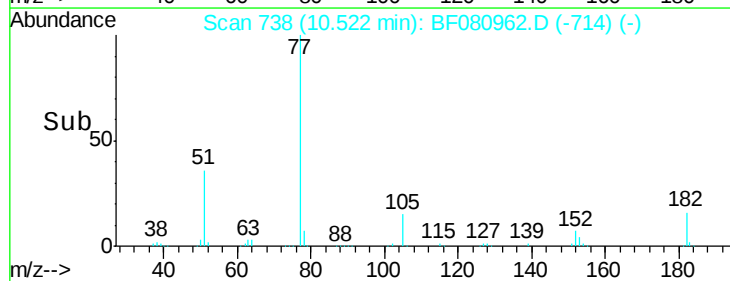
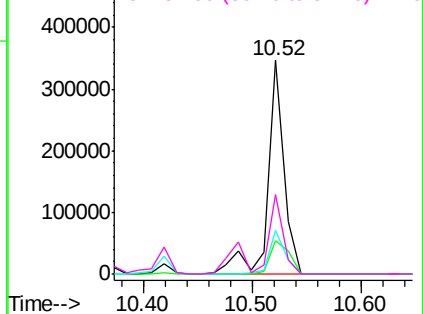


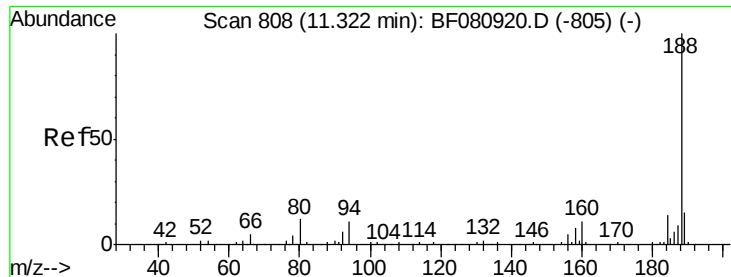
#62
Azobenzene
Concen: 36.05 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion: 77 Resp: 361063
Ion Ratio Lower Upper
77 100
182 15.8 0.0 35.5
105 20.1 0.5 40.5
51 37.0 15.6 55.6



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

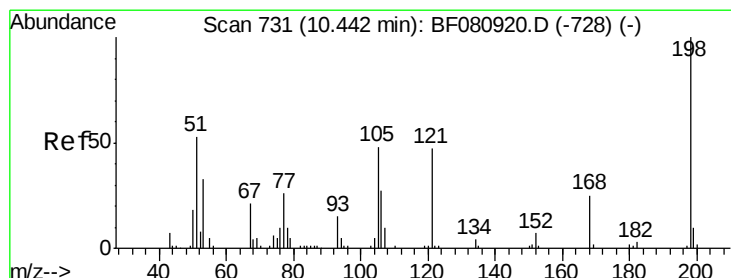
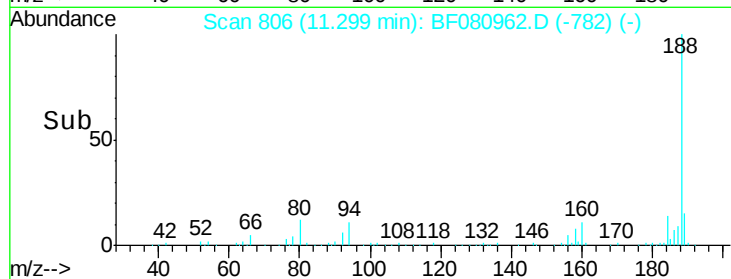
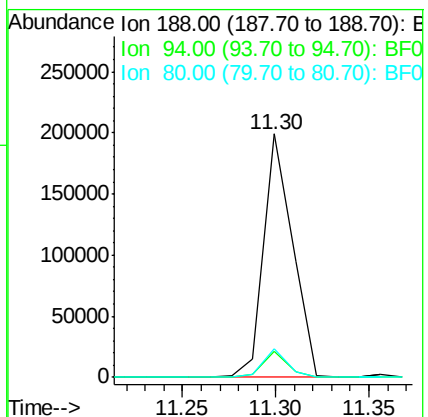
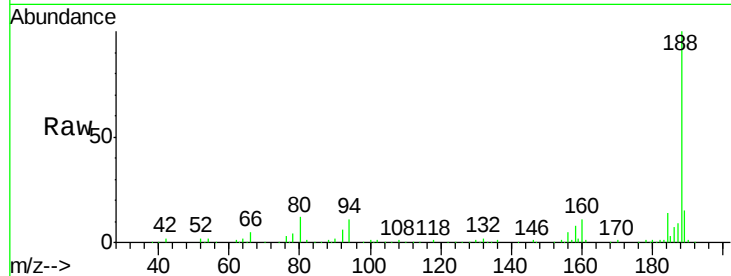




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

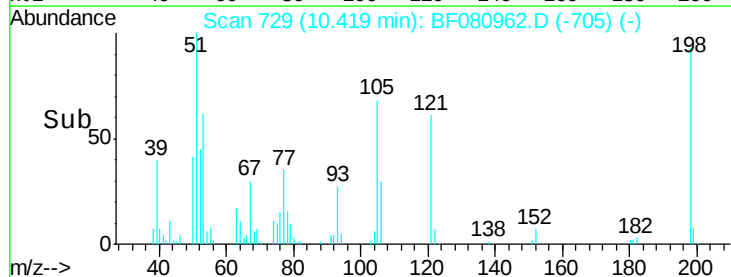
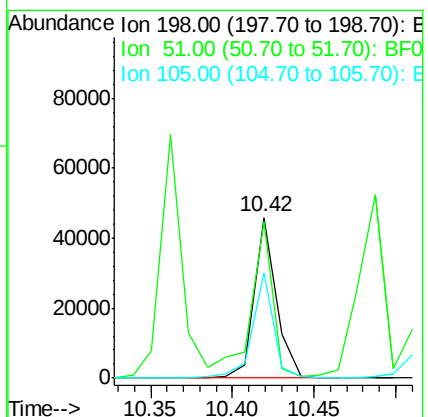
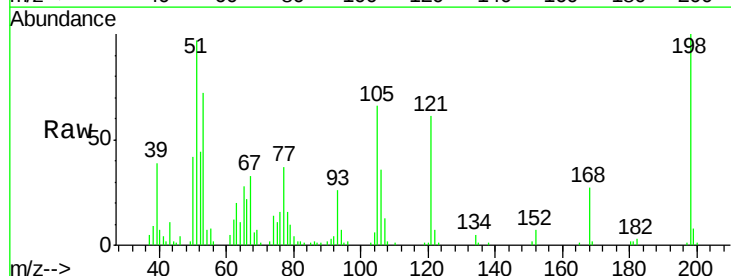
Instrument :
 BNA_F
 ClientSampled :

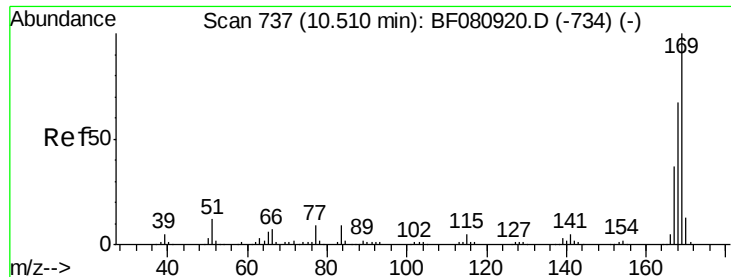
Tot Ion:188 Resp: 214417
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.8 13.2
 80 11.8 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.77 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:198 Resp: 43540
 Ion Ratio Lower Upper
 198 100
 51 97.2 40.3 80.3#
 105 65.6 29.6 69.6





#65

n-Nitrosodiphenylamine

Concen: 36.74 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

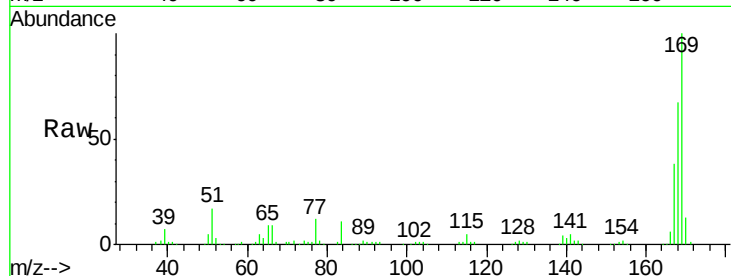
Tot Ion:169 Resp: 273682

Ion Ratio Lower Upper

169 100

168 66.9 53.7 80.5

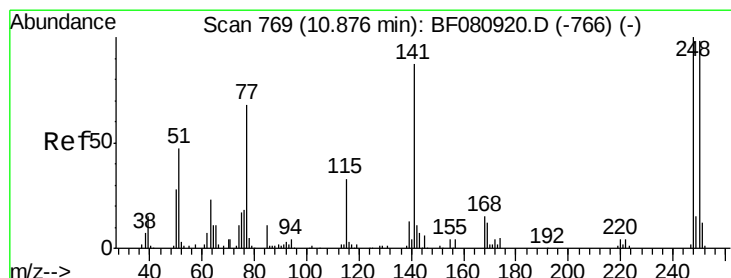
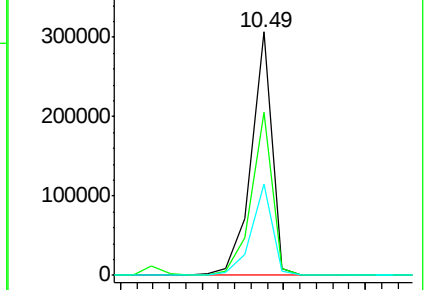
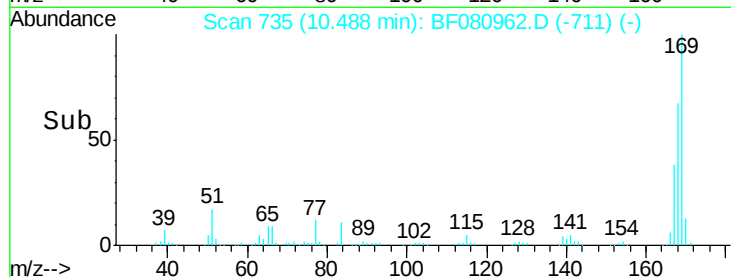
167 37.6 29.3 43.9



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: 37.19 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

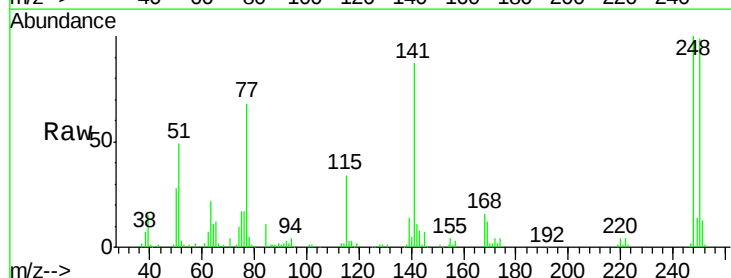
Tgt Ion:248 Resp: 84466

Ion Ratio Lower Upper

248 100

250 98.5 78.1 117.1

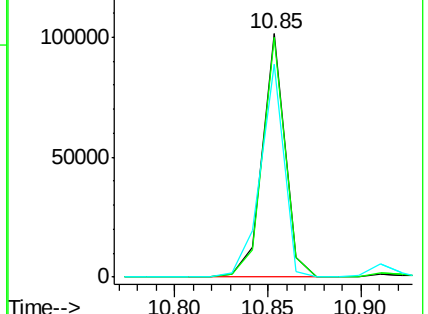
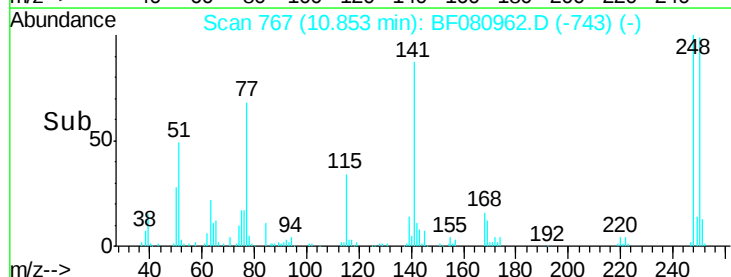
141 87.2 69.6 104.4

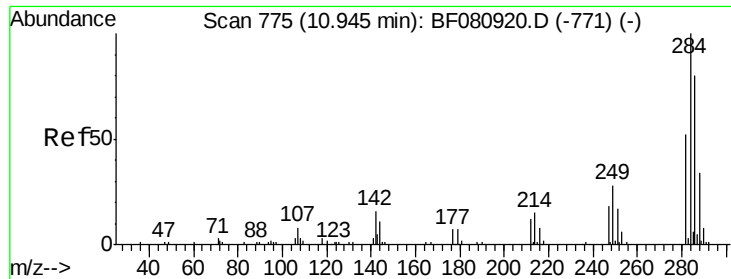


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

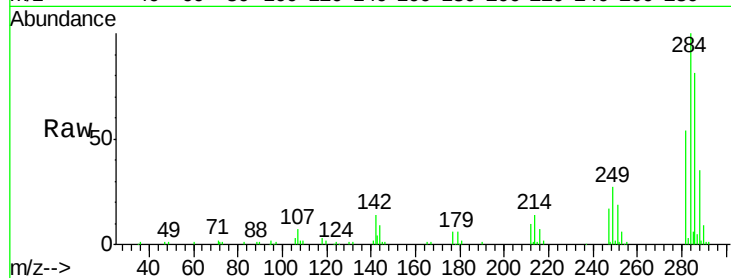




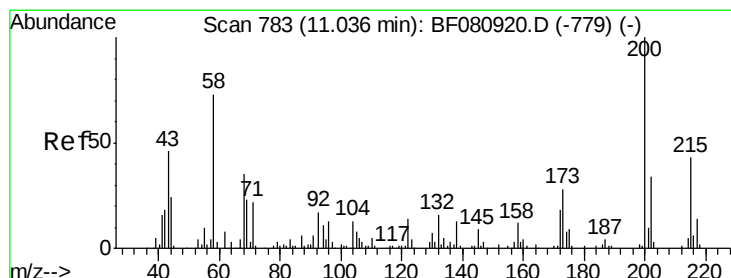
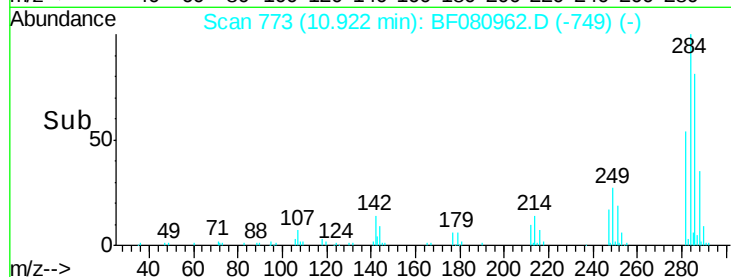
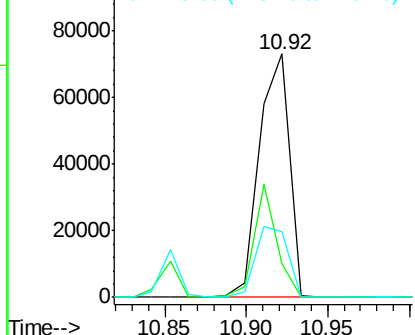
#67
Hexachlorobenzene
Concen: 37.17 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 93852
Ion Ratio Lower Upper
284 100
142 13.8 12.8 19.2
249 26.9 22.5 33.7

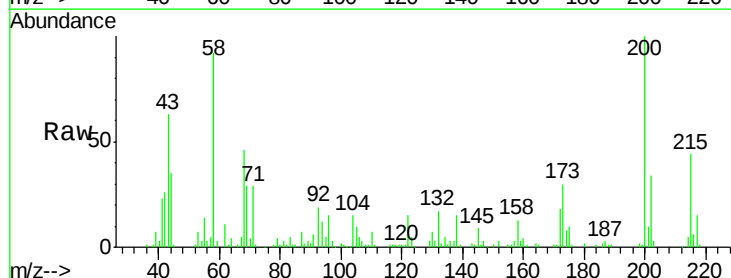


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

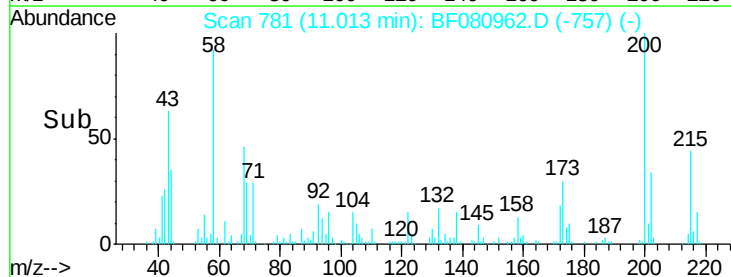
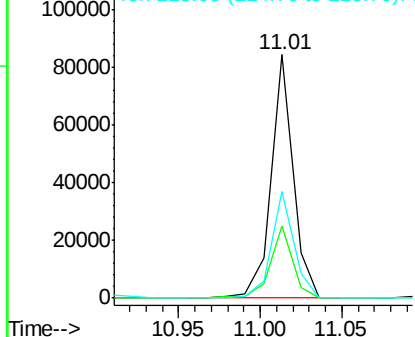


#68
Atrazine
Concen: 36.44 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion:200 Resp: 79579
Ion Ratio Lower Upper
200 100
173 29.6 8.4 48.4
215 43.8 22.7 62.7



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

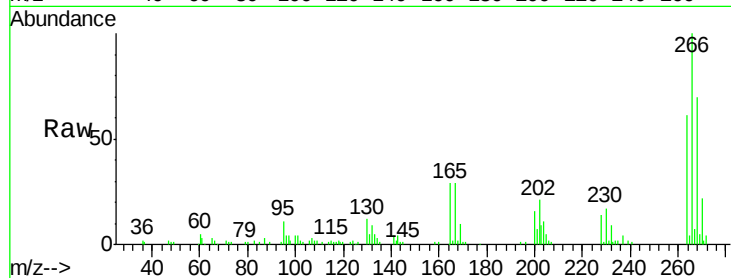




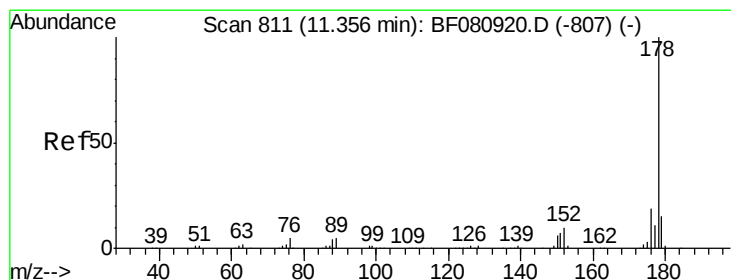
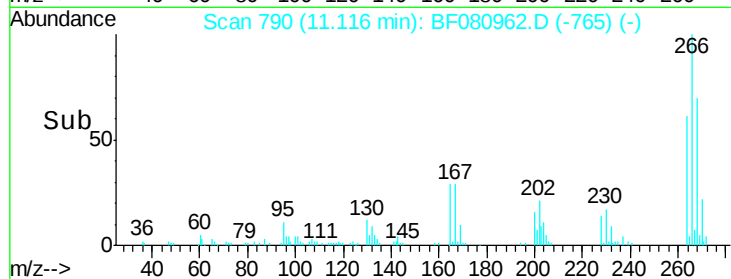
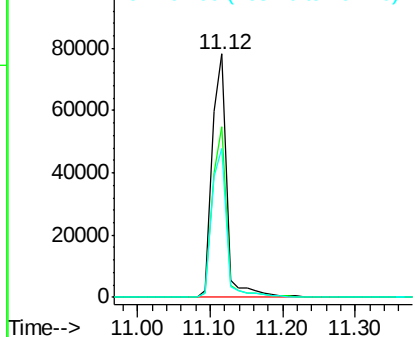
#69
 Pentachlorophenol
 Concen: 73.77 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 108303
 Ion Ratio Lower Upper
 266 100
 268 70.1 51.6 77.4
 264 61.4 50.1 75.1

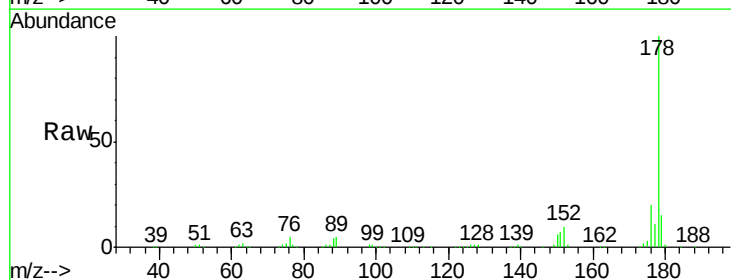


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

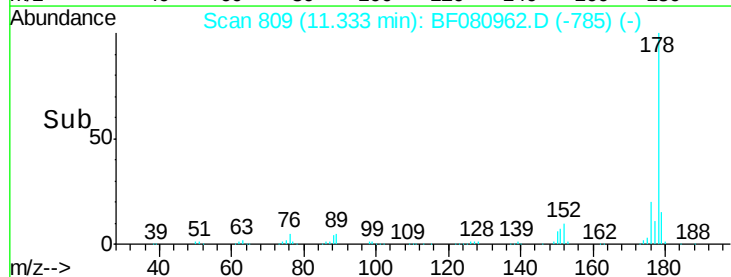
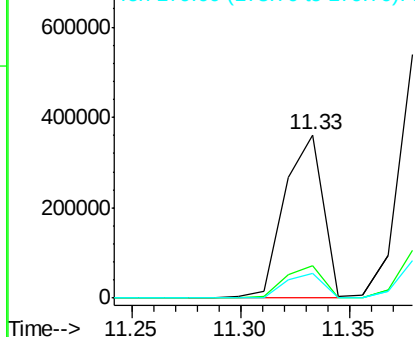


#70
 Phenanthrene
 Concen: 36.59 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:178 Resp: 444212
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 15.3 11.9 17.9



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

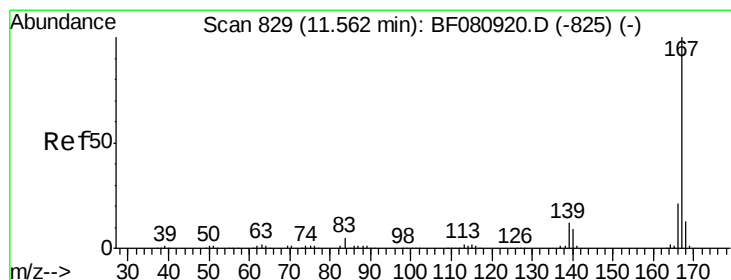
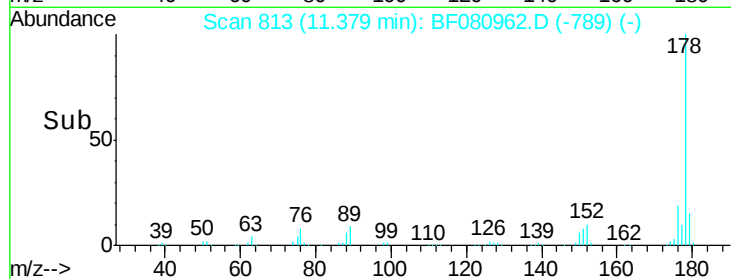
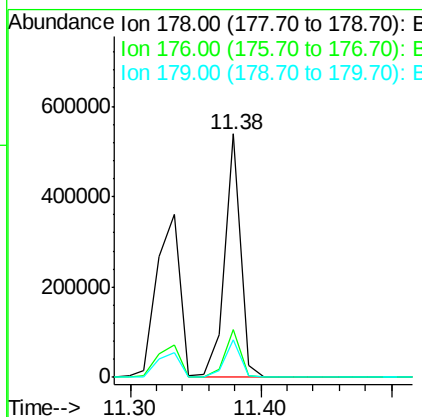
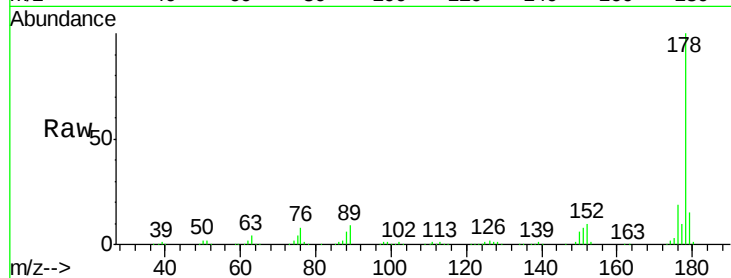




#71
 Anthracene
 Concen: 38.06 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

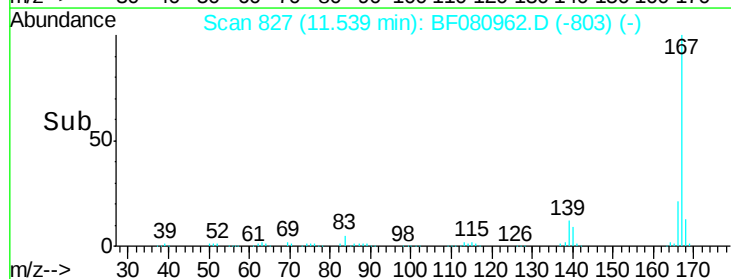
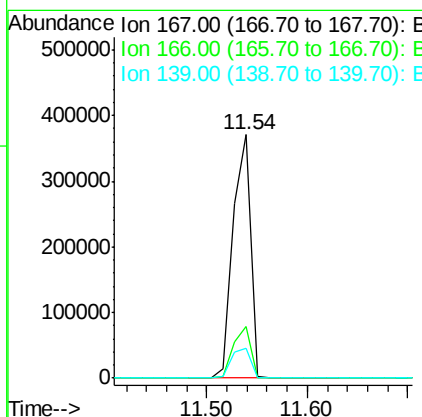
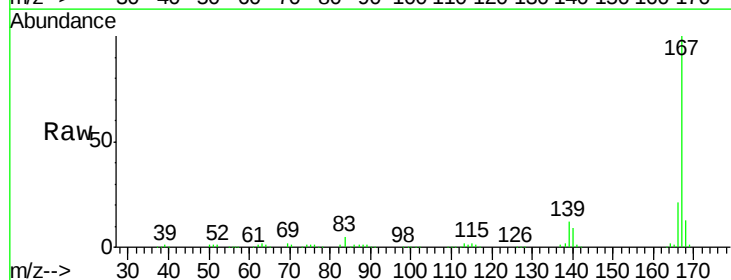
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 457547
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 38.65 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:167 Resp: 452321
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.0 9.2 13.8





#73

Di-n-butylphthalate

Concen: 34.71 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

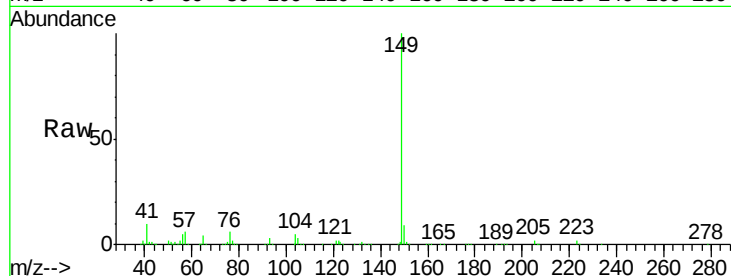
Tot Ion:149 Resp: 507985

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

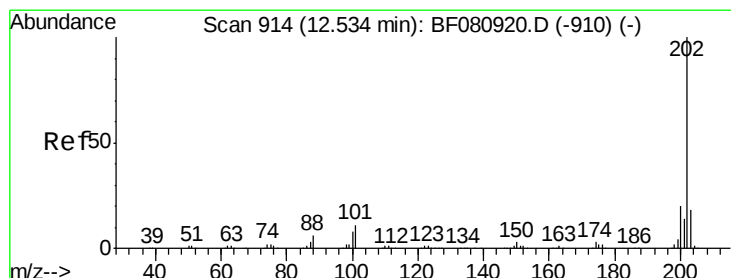
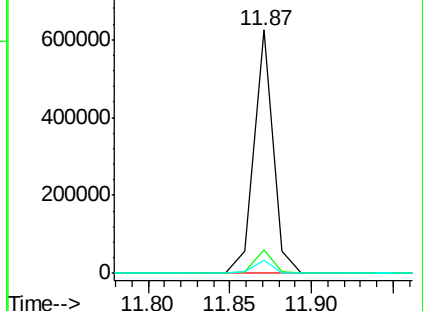
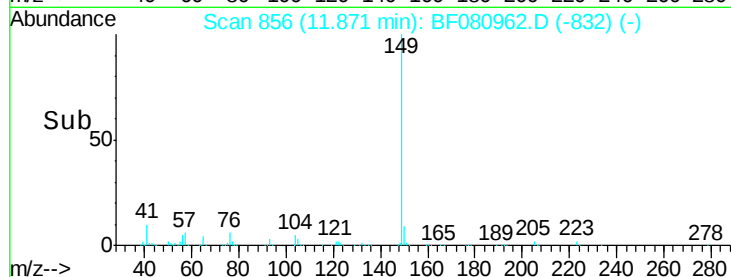
104 5.3 4.4 6.6



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: 40.87 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

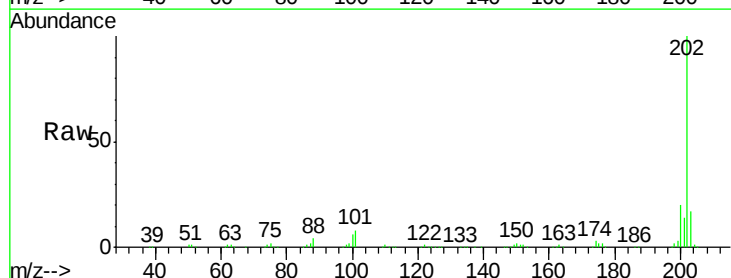
Tgt Ion:202 Resp: 536468

Ion Ratio Lower Upper

202 100

101 8.0 0.0 30.5

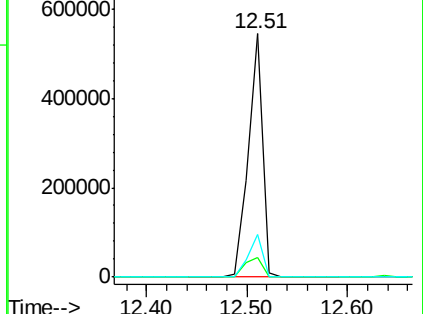
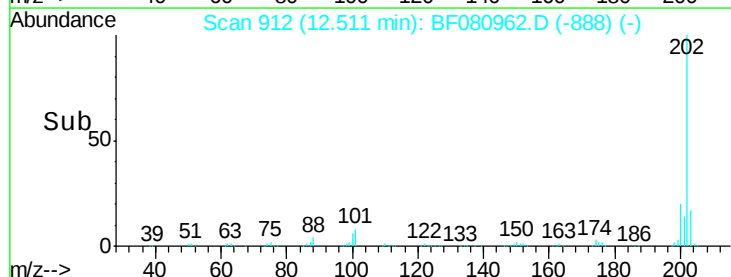
203 17.3 0.0 37.7

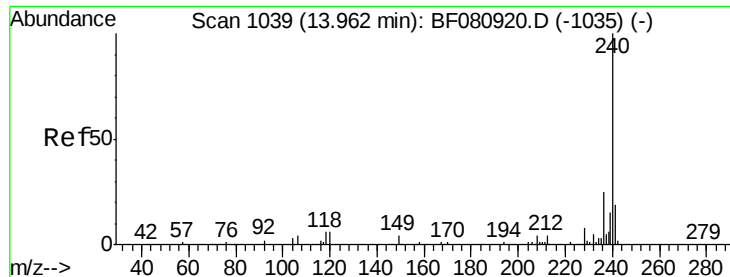


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampled :

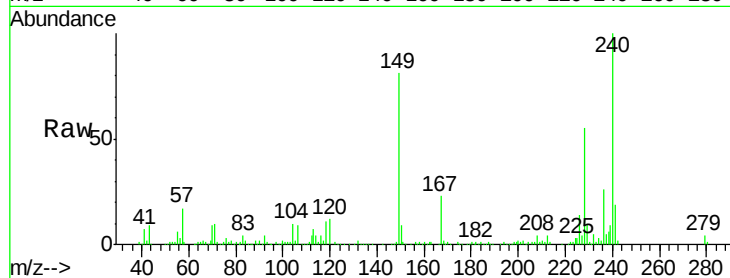
Tot Ion:240 Resp: 179012

Ion Ratio Lower Upper

240 100

120 12.4 5.2 7.8#

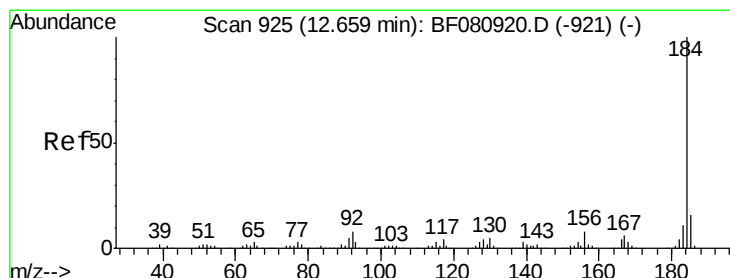
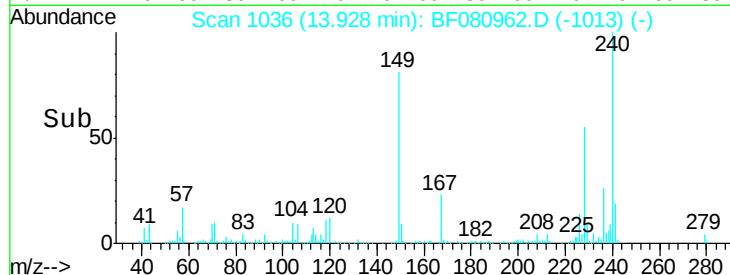
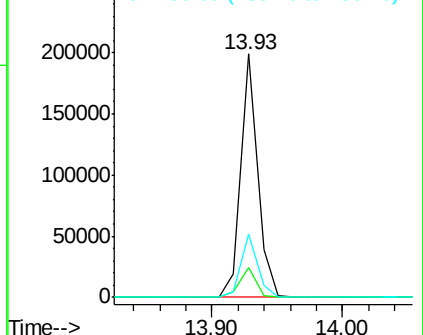
236 25.7 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.96 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

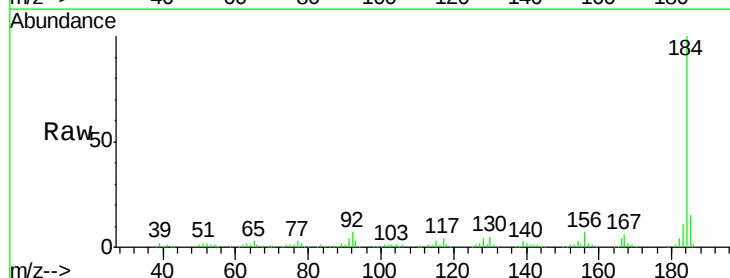
Tgt Ion:184 Resp: 331260

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.4

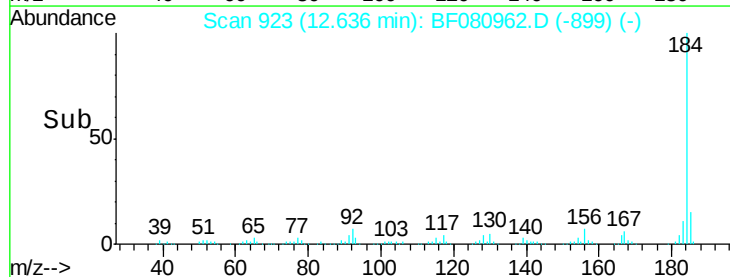
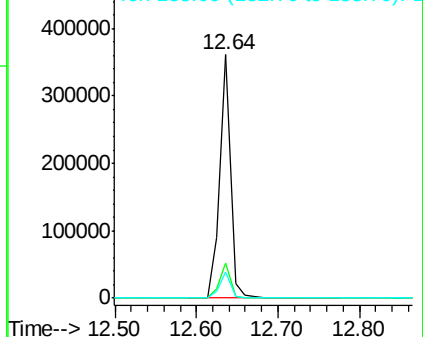
183 10.8 8.7 13.1

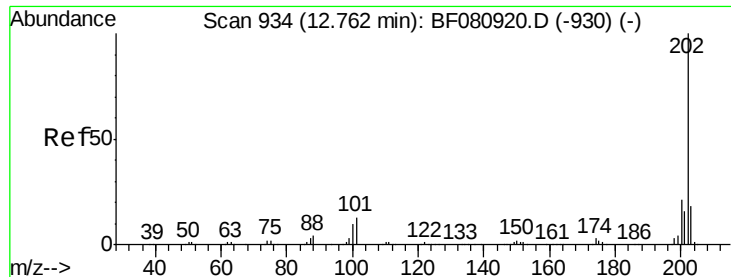


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

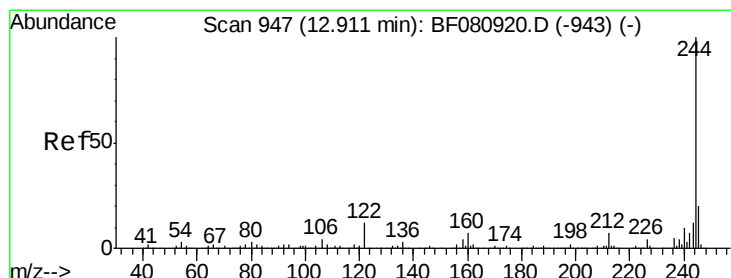
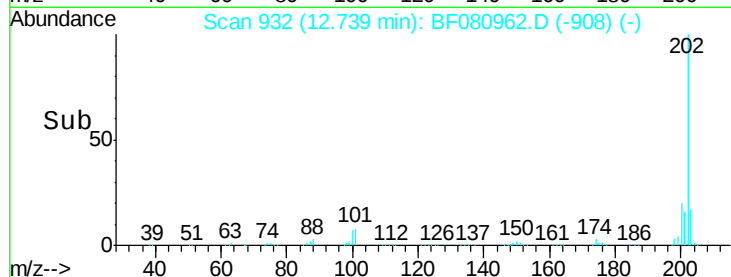
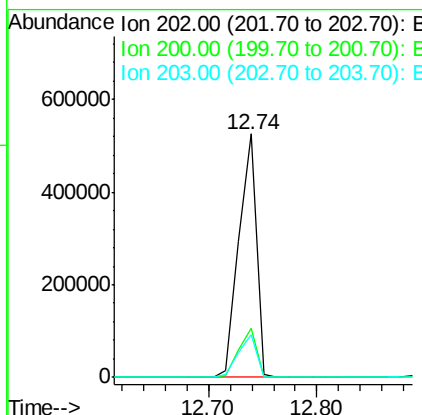
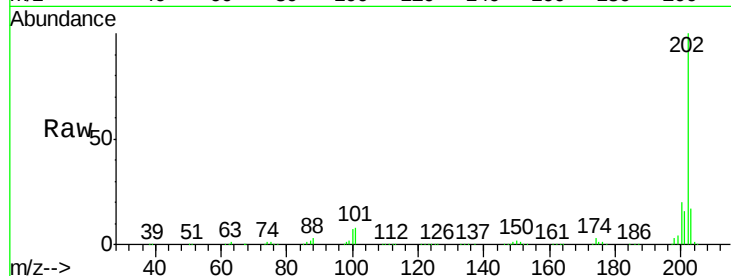




#77
Pvrene
Concen: 43.77 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

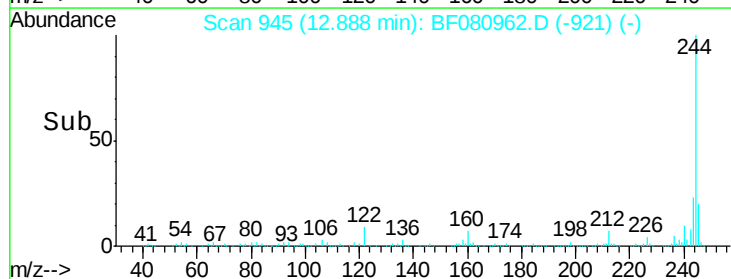
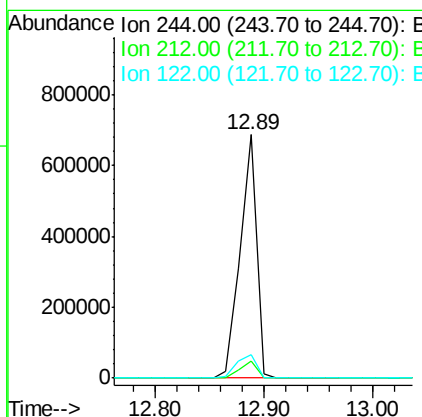
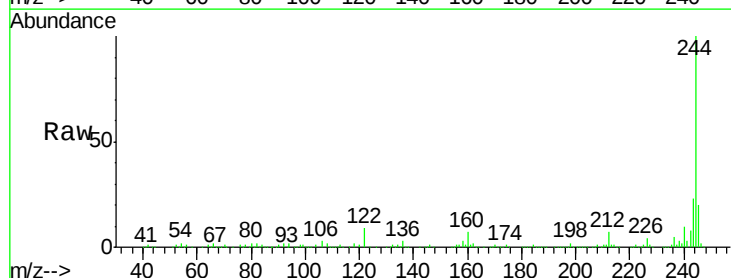
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 578875
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.3 14.2 21.2



#78
Terphenyl-d14
Concen: 81.29 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion:244 Resp: 704528
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.4 9.4 14.2#

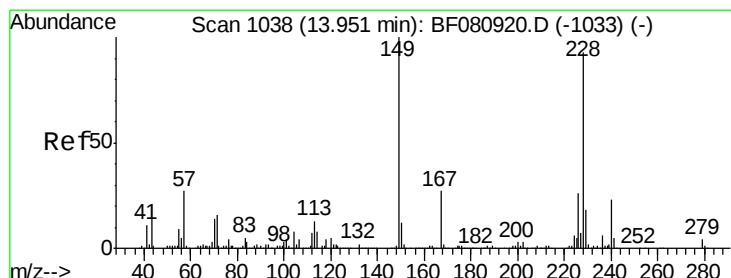
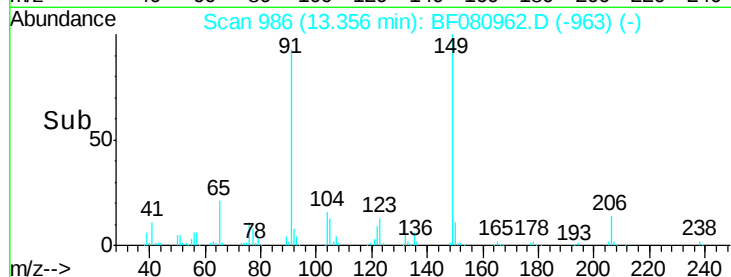
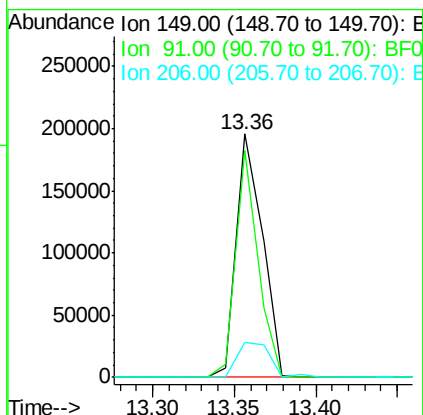
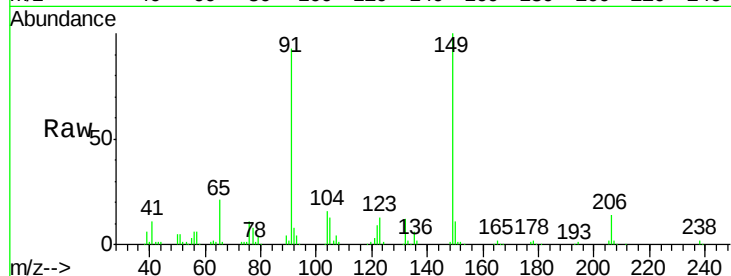




#79
Butylbenzylphthalate
Concen: 33.79 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

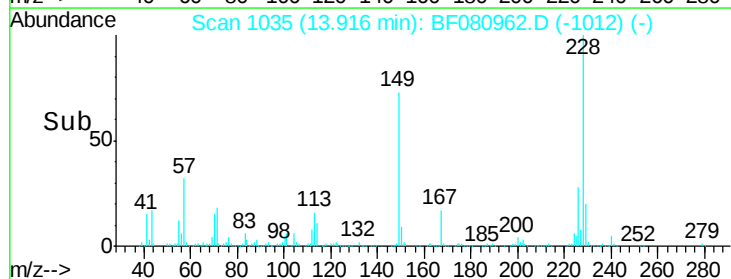
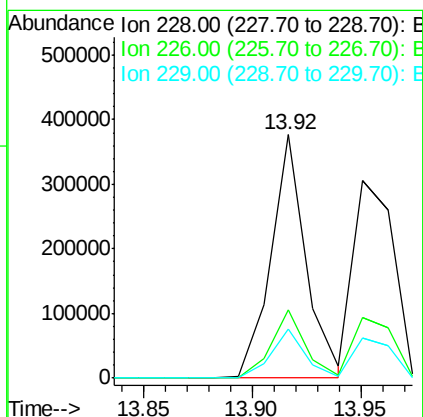
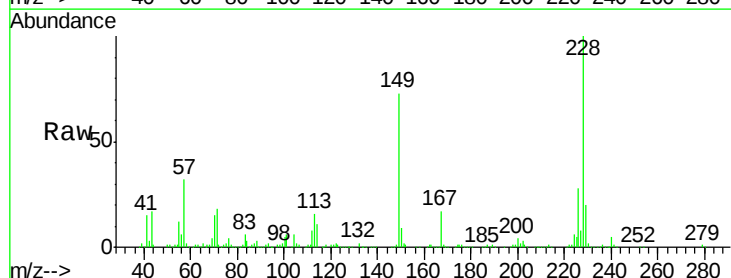
Instrument :
BNA_F
ClientSampled :

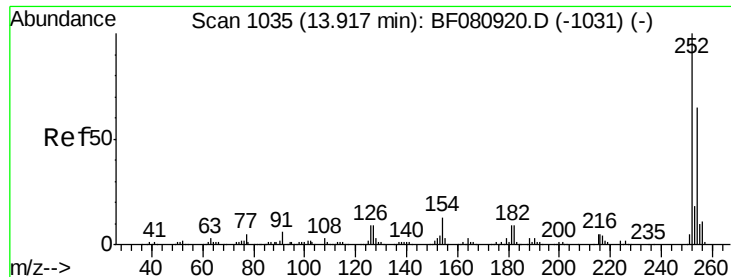
Tot Ion:149 Resp: 215404
Ion Ratio Lower Upper
149 100
91 93.0 47.2 70.8#
206 14.3 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 37.56 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion:228 Resp: 424704
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 20.1 15.8 23.6

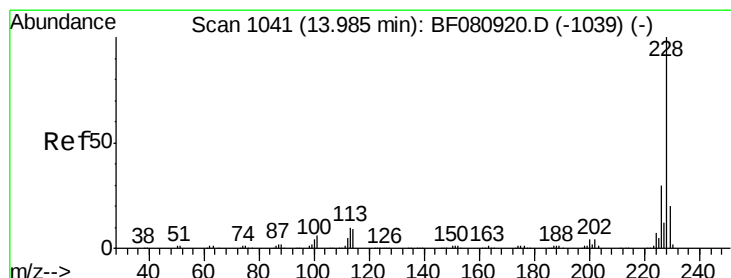
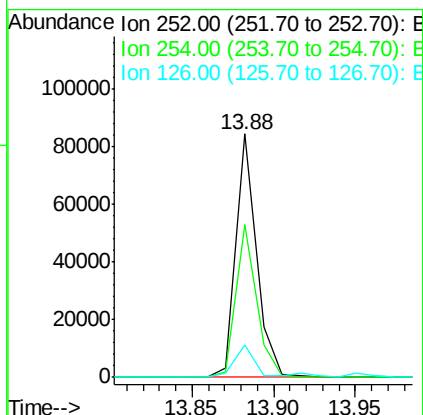
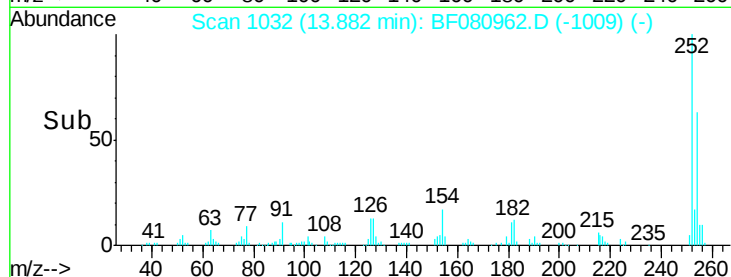
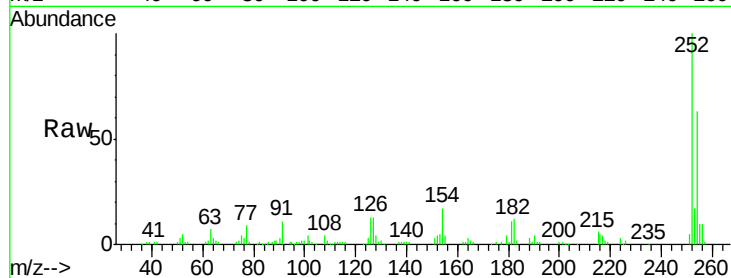




#81
 3,3'-Dichlorobenzidine
 Concen: 17.79 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

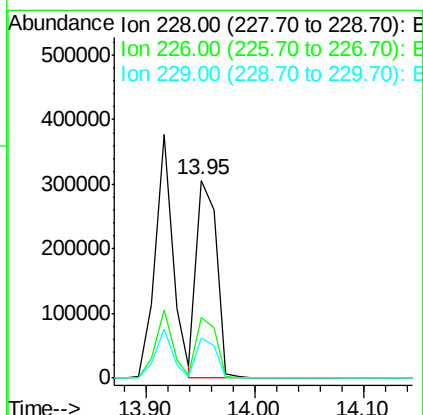
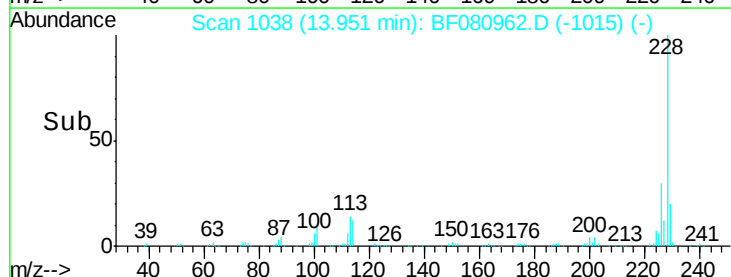
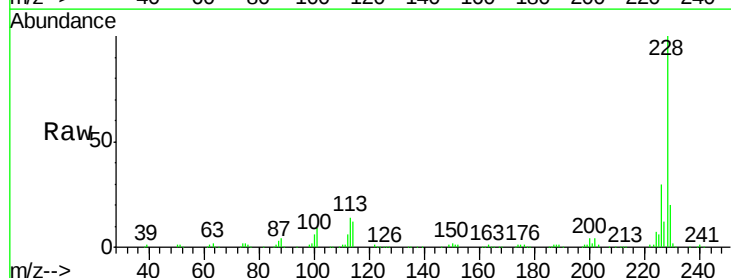
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 73186
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.7 77.5
 126 13.5 7.1 10.7#



#82
 Chrysene
 Concen: 36.83 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:228 Resp: 398779
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 20.2 15.8 23.6

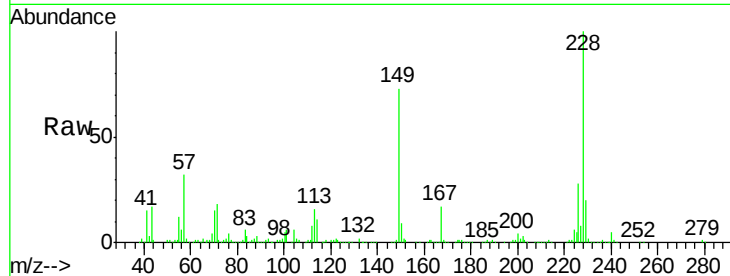




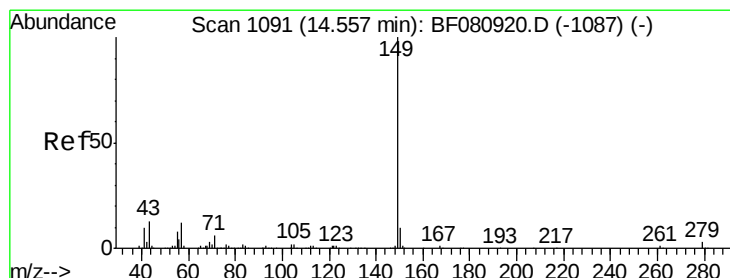
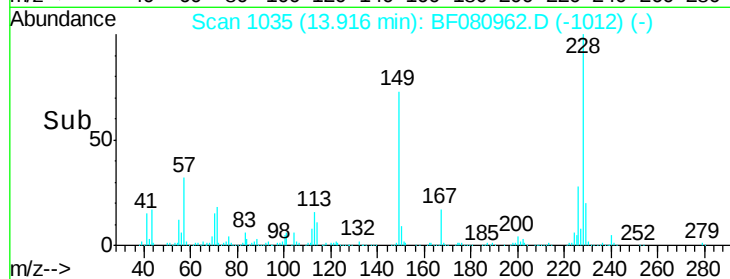
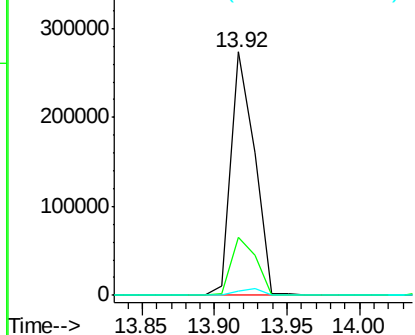
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.74 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 308125
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.4 32.0
 279 1.7 2.9 4.3#

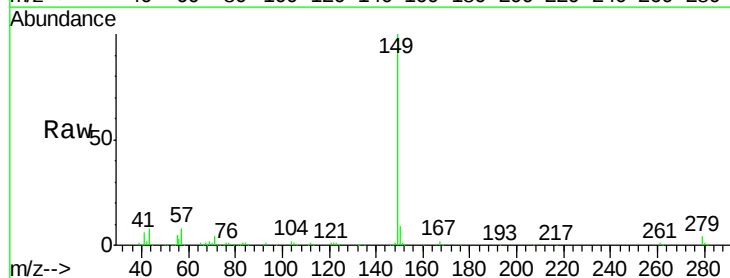


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

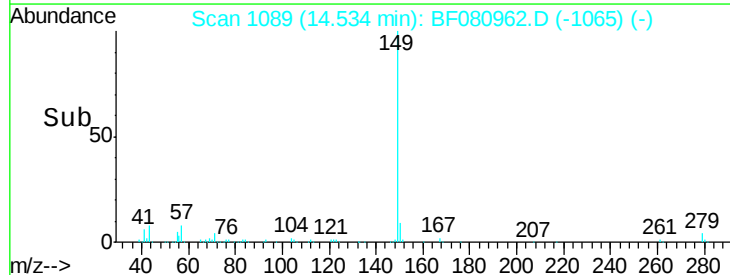
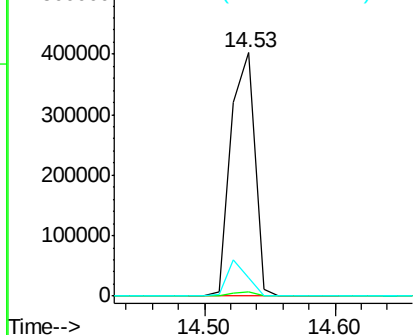


#84
 Di-n-octyl phthalate
 Concen: 33.88 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion:149 Resp: 509563
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 12.9 11.0 16.4



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

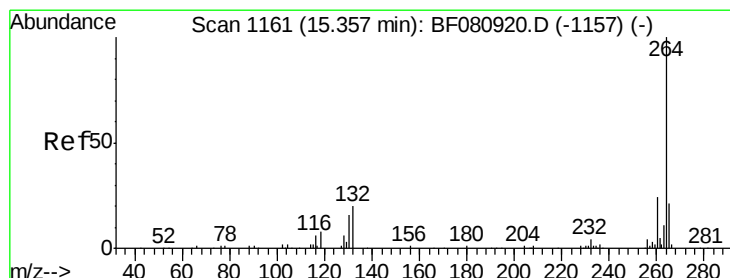
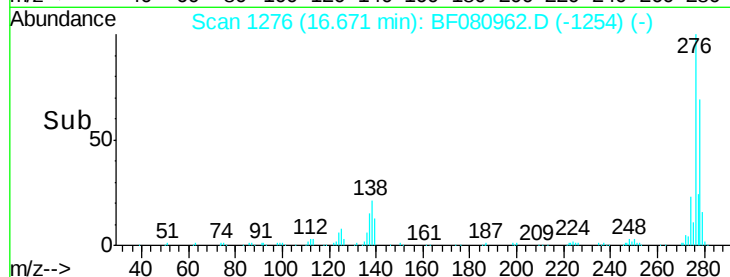
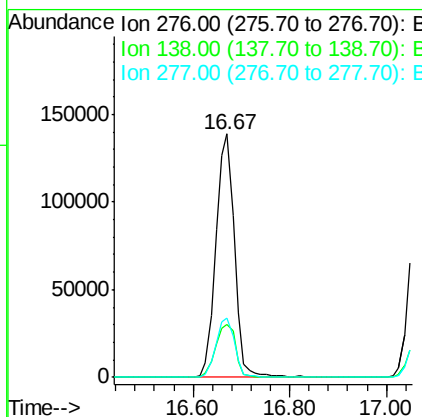
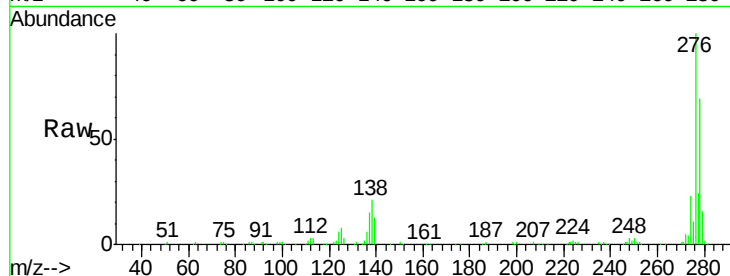




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.38 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

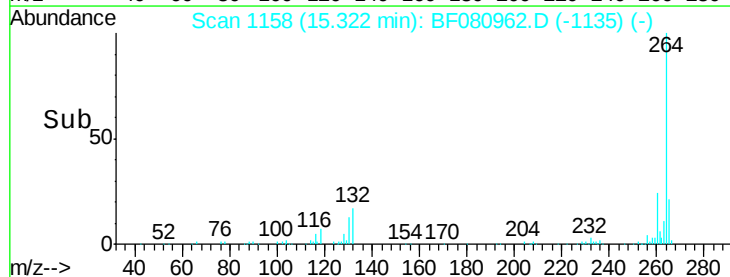
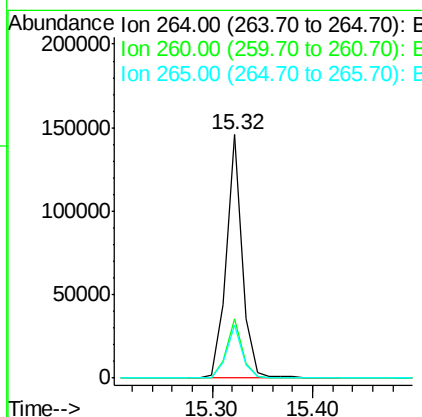
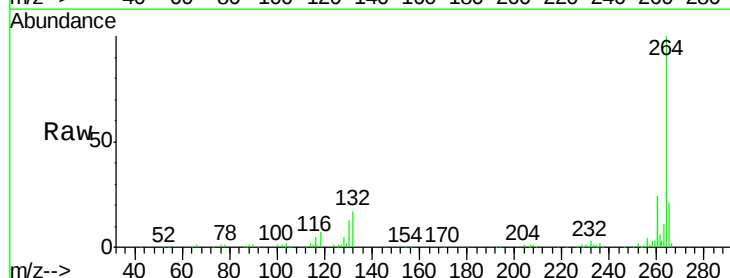
Instrument :
 BNA_F
 ClientSampleId :

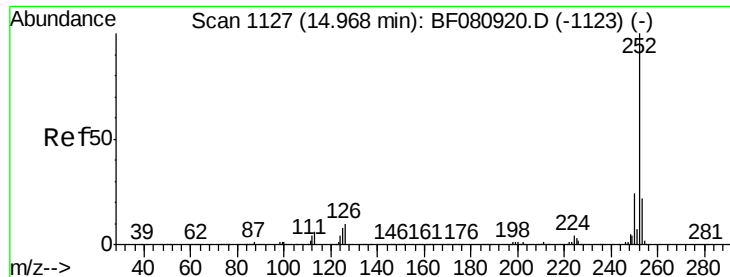
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.9	29.9
277	24.5	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080962.D
 Acq: 11 Aug 2015 15:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 70.27 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

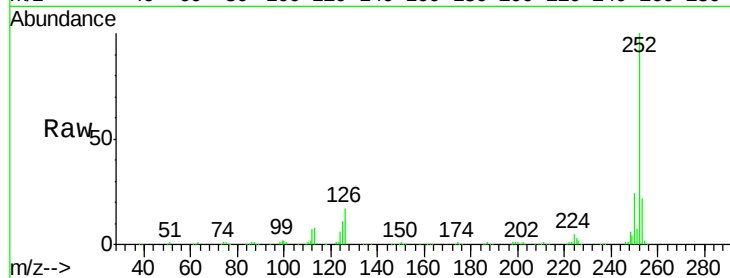
Tot Ion:252 Resp: 781586

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

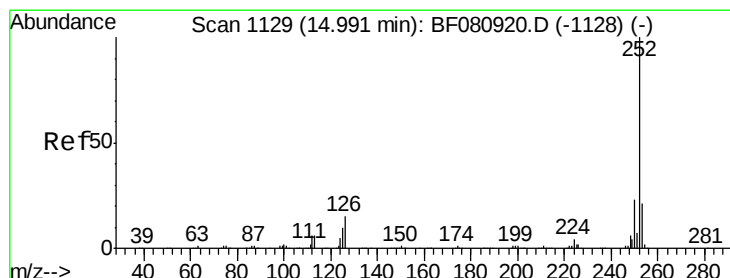
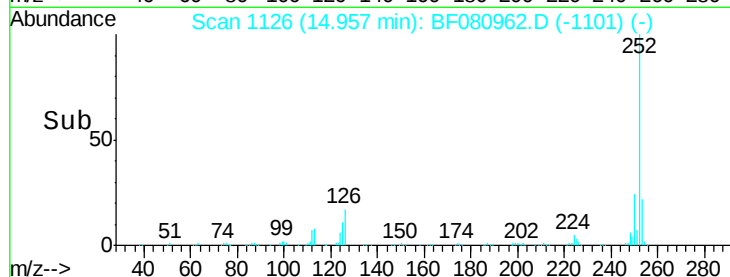
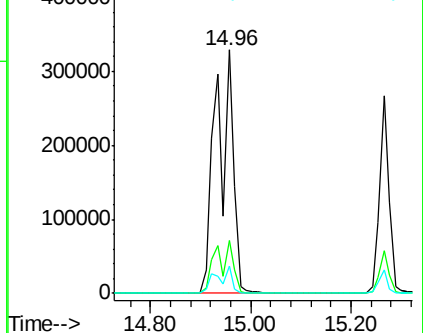
125 11.3 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.32 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

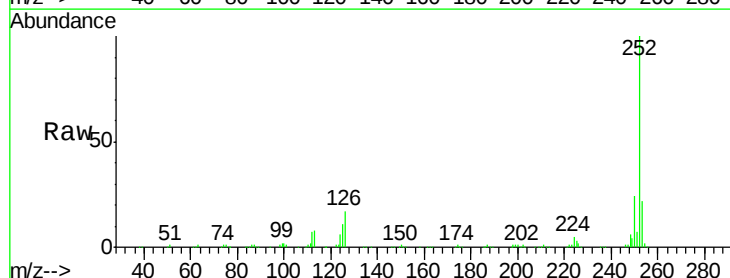
Tgt Ion:252 Resp: 781586

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

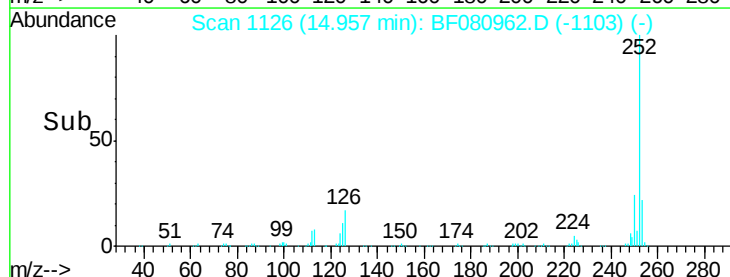
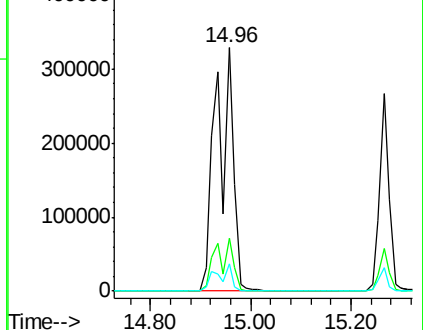
125 11.3 9.0 13.6

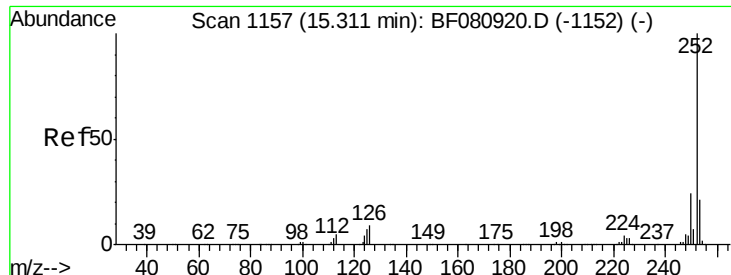


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

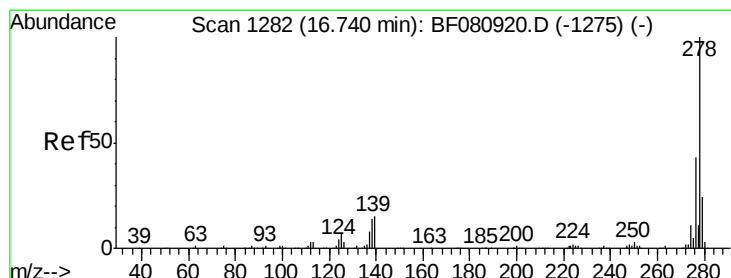
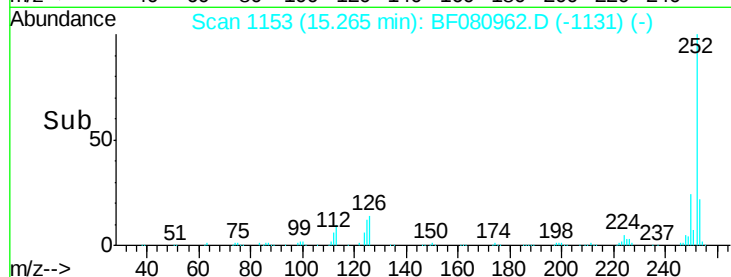
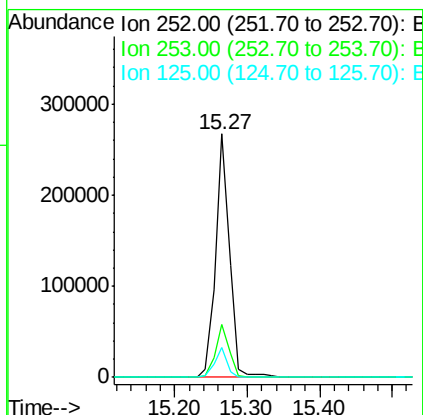
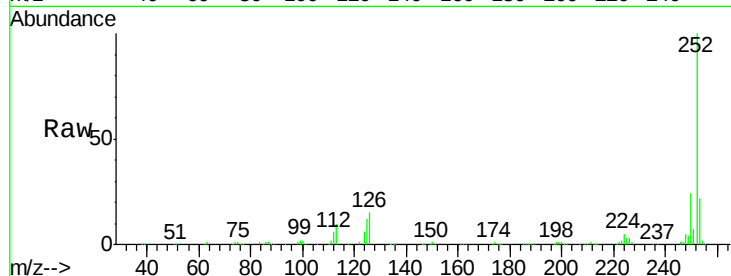




#89
Benzo(a)pyrene
Concen: 37.16 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

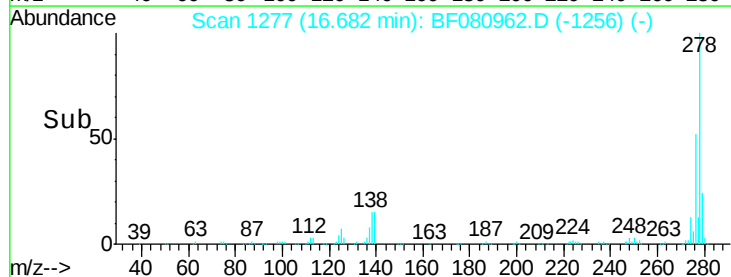
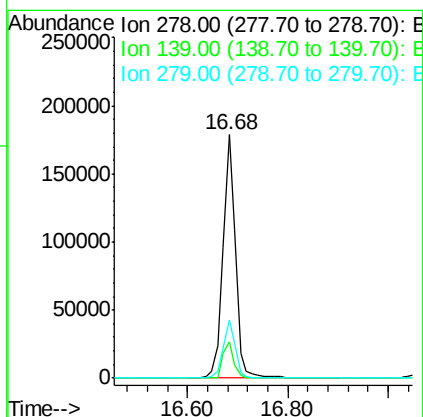
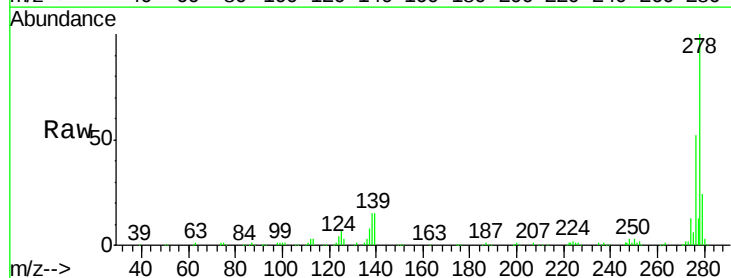
Instrument :
BNA_F
ClientSampleId :

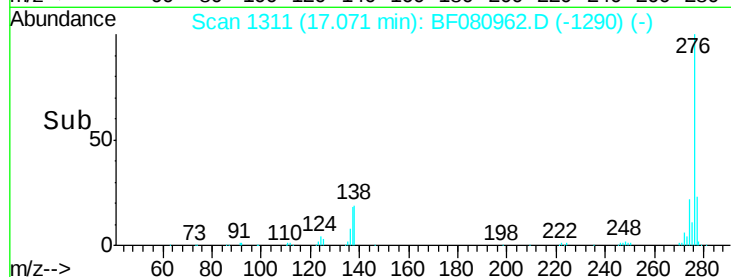
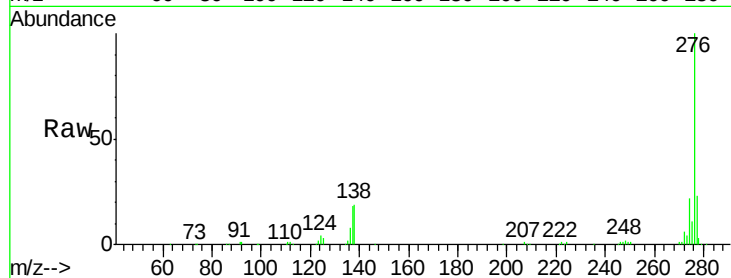
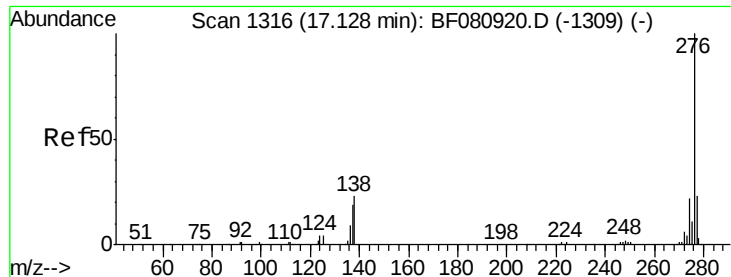
Tot Ion:252 Resp: 355222
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 12.1 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 36.73 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF080962.D
Acq: 11 Aug 2015 15:25

Tgt Ion:278 Resp: 310531
Ion Ratio Lower Upper
278 100
139 15.1 11.9 17.9
279 23.9 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 37.19 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BF080962.D

Acq: 11 Aug 2015 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 305880

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.0 18.4 27.6

