

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080956.D
 Acq On : 10 Aug 2015 17:35
 Operator : TP/UM
 Sample : PB84929BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Quant Time: Aug 11 01:11:48 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	76969	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	322003	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	161080	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	297279	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	225247	20.00	ng	-0.03
86) Perylene-d12	15.32	264	208800	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	387101	82.17	ng	0.01
7) Phenol-d6	6.43	99	622196	96.38	ng	-0.01
23) Nitrobenzene-d5	7.36	82	401499	58.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	136208	76.97	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	617662	53.98	ng	-0.02
78) Terphenyl-d14	12.89	244	684363	62.76	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	58498	26.18	ng	96
3) Pyridine	3.14	79	114456	18.06	ng	97
4) n-Nitrosodimethylamine	3.08	42	80590	24.91	ng	99
6) Aniline	6.45	93	132017	13.92	ng	93
8) 2-Chlorophenol	6.57	128	123304	22.62	ng	# 80
9) Benzaldehyde	6.33	77	99841	22.94	ng	97
10) Phenol	6.44	94	206320	26.94	ng	85
11) bis(2-Chloroethyl)ether	6.52	93	130819	22.88	ng	94
12) 1,3-Dichlorobenzene	6.73	146	135241	23.38	ng	98
13) 1,4-Dichlorobenzene	6.81	146	132620	22.06	ng	98
14) 1,2-Dichlorobenzene	6.96	146	127854	23.53	ng	99
15) Benzyl Alcohol	6.93	79	126476	23.94	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	253629	22.05	ng	100
17) 2-Methylphenol	7.05	107	105724	22.72	ng	# 93
18) Hexachloroethane	7.30	117	54006	23.45	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	108189	22.93	ng	98
20) 3+4-Methylphenols	7.21	107	147339	25.21	ng	# 87
22) Acetophenone	7.20	105	238356	30.21	ng	95
24) Nitrobenzene	7.37	77	147202	21.00	ng	98
25) Isophorone	7.62	82	289284	22.10	ng	100
26) 2-Nitrophenol	7.69	139	68959	23.38	ng	96
27) 2,4-Dimethylphenol	7.73	122	138916	25.16	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	164463	20.93	ng	98
29) 2,4-Dichlorophenol	7.93	162	106071	23.38	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	113642	22.92	ng	99
31) Naphthalene	8.10	128	380889	21.46	ng	100
32) Benzoic acid	7.87	122	118853	35.96	ng	97
33) 4-Chloroaniline	8.14	127	55410	7.68	ng	95
34) Hexachlorobutadiene	8.21	225	64836	21.97	ng	95
35) Caprolactam	8.52	113	33833	20.73	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	140093	25.30	ng	93
37) 2-Methylnaphthalene	8.78	142	240331	21.27	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	143479	28.89	ng	98
40) Hexachlorocyclopentadiene	8.94	237	174908	64.55	ng	97

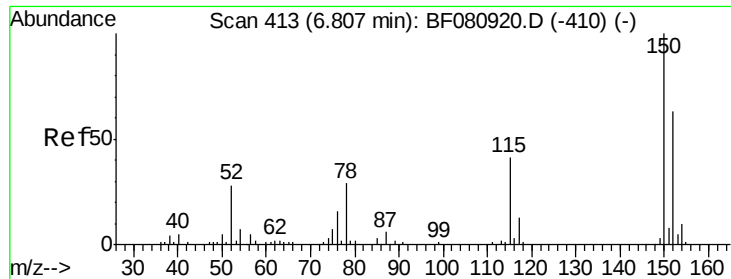
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080956.D
 Acq On : 10 Aug 2015 17:35
 Operator : TP/UM
 Sample : PB84929BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Quant Time: Aug 11 01:11:48 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)
42) 2,4,6-Trichlorophenol	9.07	196	83959	23.07	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	84709	23.10	nq	# 86
45) 1,1'-Biphenyl	9.25	154	418284	30.26	nq	99
46) 2-Chloronaphthalene	9.28	162	244323	22.67	nq	99
47) 2-Nitroaniline	9.37	65	91114	21.08	nq	96
48) Acenaphthylene	9.69	152	402194	21.46	nq	100
49) Dimethylphthalate	9.56	163	279097	20.86	nq	# 97
50) 2,6-Dinitrotoluene	9.62	165	60085	21.74	nq	# 48
51) Acenaphthene	9.86	154	301817	26.30	nq	100
52) 3-Nitroaniline	9.78	138	37959	11.14	nq	91
53) 2,4-Dinitrophenol	9.88	184	89713	55.46	nq	# 69
54) Dibenzofuran	10.03	168	360816	23.25	nq	98
55) 4-Nitrophenol	9.95	139	142029	55.68	nq	# 63
56) 2,4-Dinitrotoluene	10.02	165	95347	25.78	nq	# 69
57) Fluorene	10.37	166	285001	23.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	69723	24.02	nq	99
59) Diethylphthalate	10.26	149	314028	22.55	nq	95
60) 4-Chlorophenyl-phenylether	10.36	204	114044	19.50	nq	97
61) 4-Nitroaniline	10.40	138	75858	21.63	nq	96
62) Azobenzene	10.52	77	331000	21.25	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	45471	24.68	nq	# 76
65) n-Nitrosodiphenylamine	10.49	169	250657	24.27	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	78095	24.80	nq	98
67) Hexachlorobenzene	10.91	284	82356	23.53	nq	# 57
68) Atrazine	11.01	200	83958	27.73	nq	98
69) Pentachlorophenol	11.12	266	114513	56.26	nq	96
70) Phenanthrene	11.33	178	390020	23.17	nq	100
71) Anthracene	11.38	178	414156	24.85	nq	99
72) Carbazole	11.54	167	377980	23.30	nq	99
73) Di-n-butylphthalate	11.87	149	524969	25.87	nq	99
74) Fluoranthene	12.51	202	449072	24.68	nq	97
76) Benzidine	12.64	184	278258	24.70	nq	96
77) Pyrene	12.74	202	457920	27.52	nq	99
79) Butylbenzylphthalate	13.36	149	195839	24.41	nq	# 62
80) Benzo(a)anthracene	13.92	228	360881	25.36	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	65633	12.68	nq	# 97
82) Chrysene	13.96	228	341584	25.07	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	261680	23.44	nq	# 95
84) Di-n-octyl phthalate	14.53	149	499256	26.38	nq	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	328480	25.34	nq	98
87) Benzo(b)fluoranthene	14.93	252	669229	46.09	nq	100
88) Benzo(k)fluoranthene	14.93	252	669229	52.69	nq	# 97
89) Benzo(a)pyrene	15.27	252	313640	25.13	nq	# 95
90) Dibenzo(a,h)anthracene	16.68	278	275907	25.00	nq	99
91) Benzo(g,h,i)perylene	17.07	276	253223	23.59	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: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

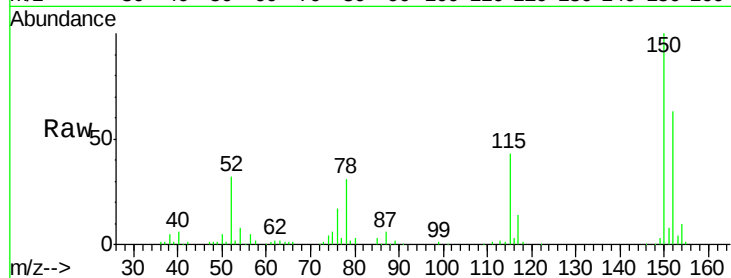
Tot Ion:152 Resp: 76969

Ion Ratio Lower Upper

152 100

150 158.2 127.4 191.2

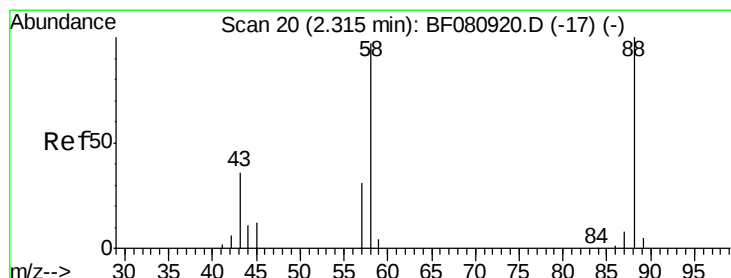
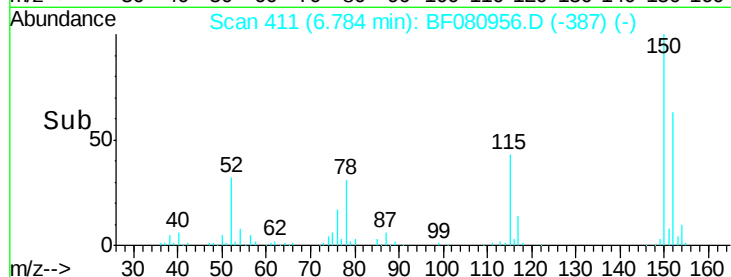
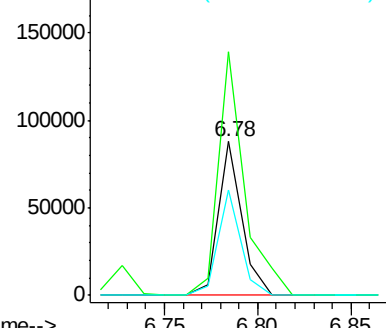
115 68.4 52.6 78.8



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: 26.18 ng

RT: 2.44 min Scan# 31

Delta R.T. 0.13 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

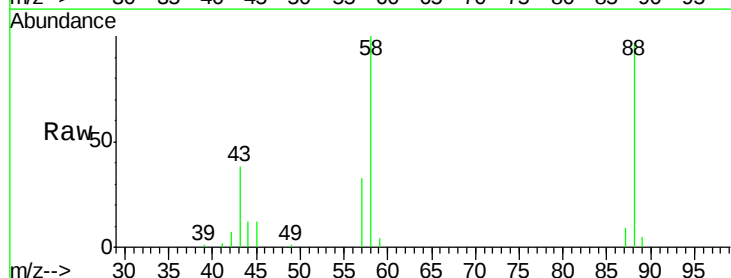
Tgt Ion: 88 Resp: 58498

Ion Ratio Lower Upper

88 100

58 102.3 79.3 118.9

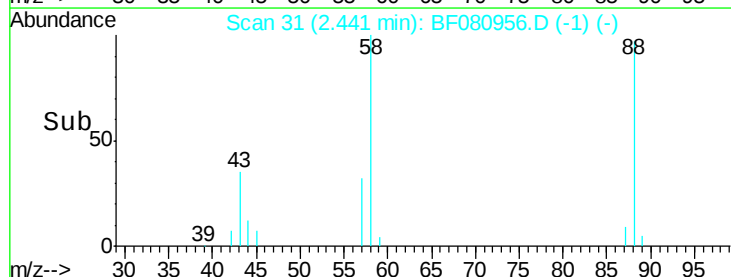
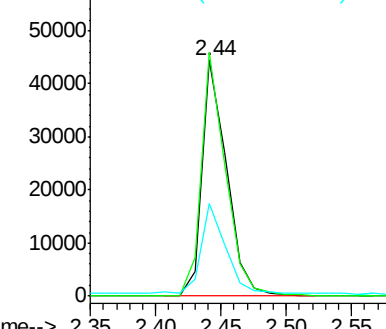
43 38.9 28.3 42.5



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: 18.06 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.11 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

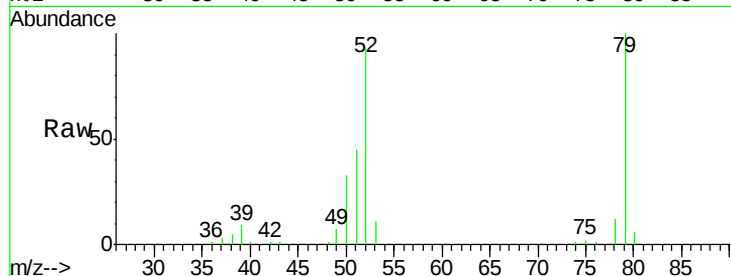
Tot Ion: 79 Resp: 114456

Ion Ratio Lower Upper

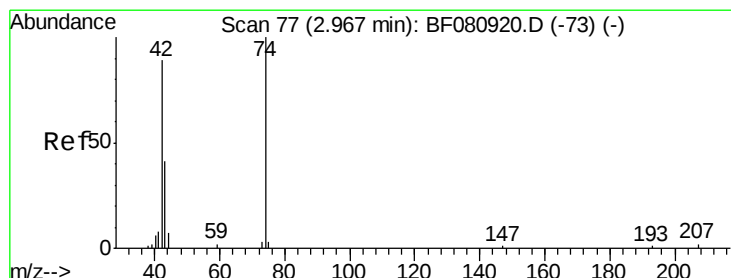
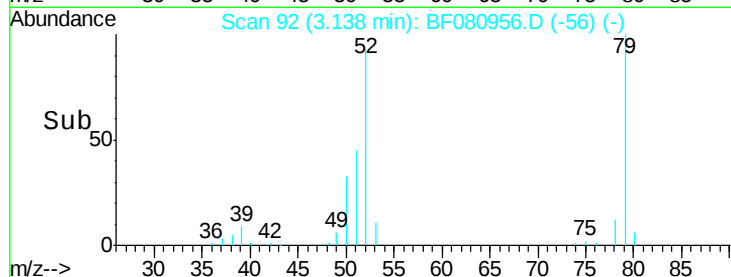
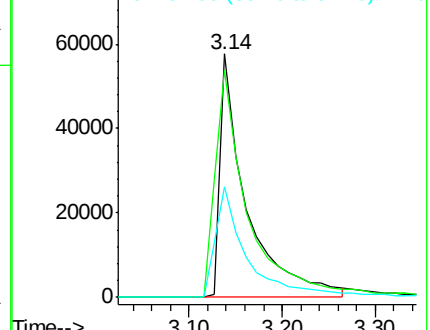
79 100

52 93.4 77.2 115.8

51 45.1 35.0 52.4



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



#4

n-Nitrosodimethylamine

Concen: 24.91 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.11 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

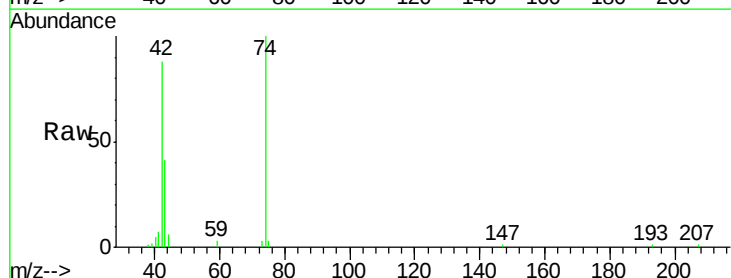
Tgt Ion: 42 Resp: 80590

Ion Ratio Lower Upper

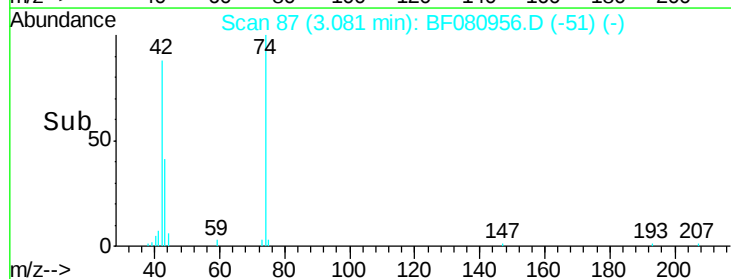
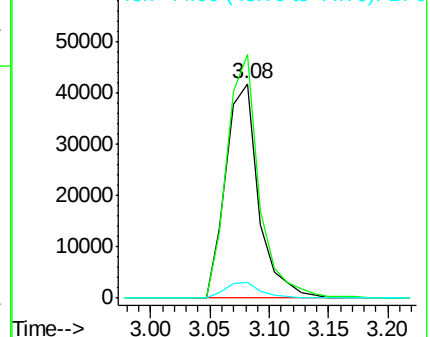
42 100

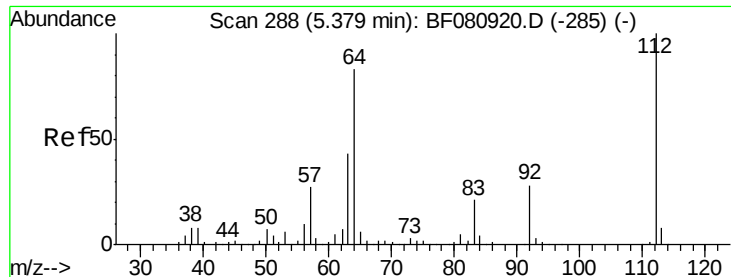
74 113.5 89.8 134.8

44 7.2 6.5 9.7



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





#5

2-Fluorophenol

Concen: 82.17 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

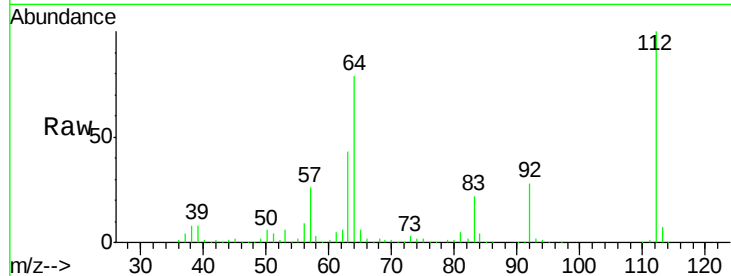
Instrument :

BNA_F

ClientSampleId :

PB84929BS

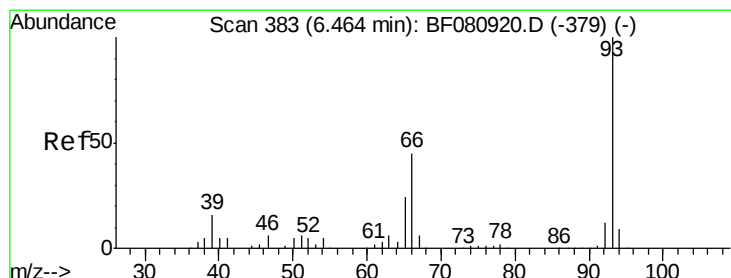
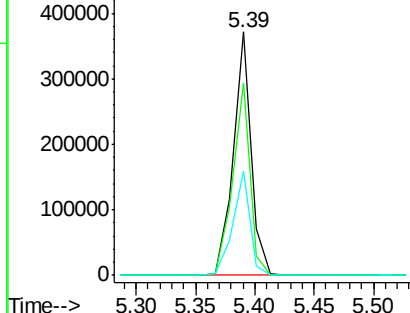
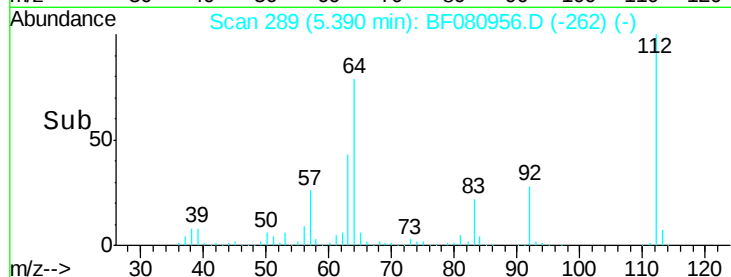
Tot Ion:	112	Resp:	387101
Ion	Ratio	Lower	Upper
112	100		
64	79.2	66.1	99.1
63	42.7	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.92 ng

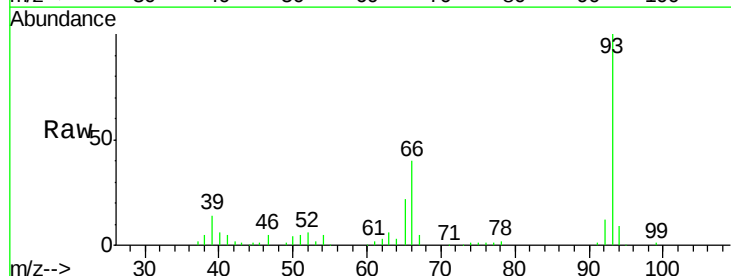
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

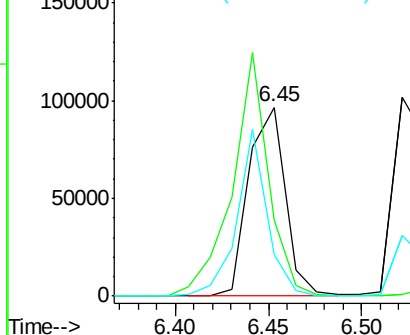
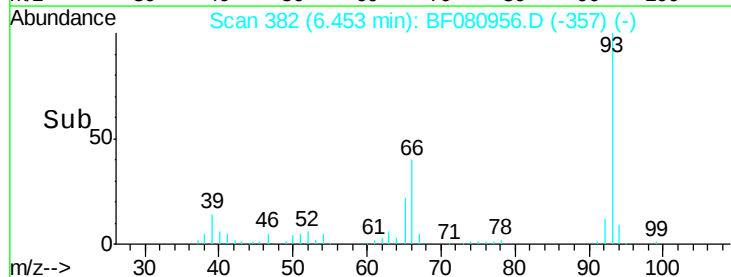
Tgt Ion:	93	Resp:	132017
Ion	Ratio	Lower	Upper
93	100		
66	40.3	36.2	54.4
65	21.5	19.0	28.4

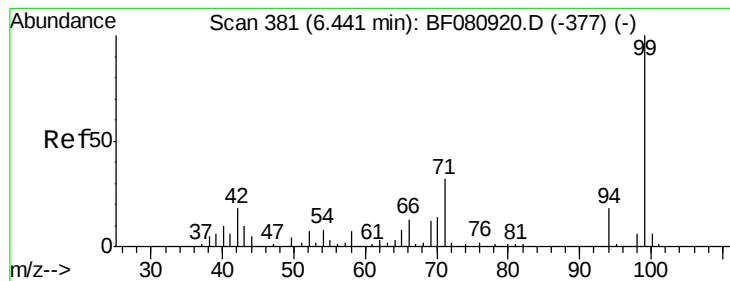


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.38 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

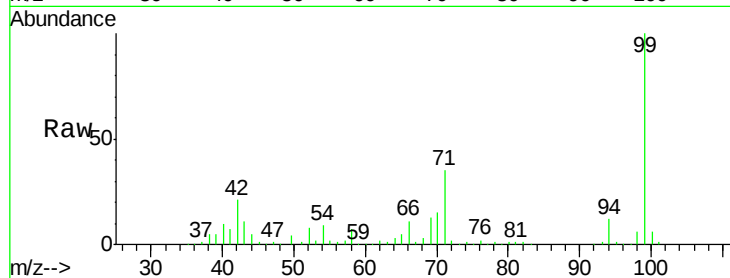
Tot Ion: 99 Resp: 622196

Ion Ratio Lower Upper

99 100

42 20.9 14.4 21.6

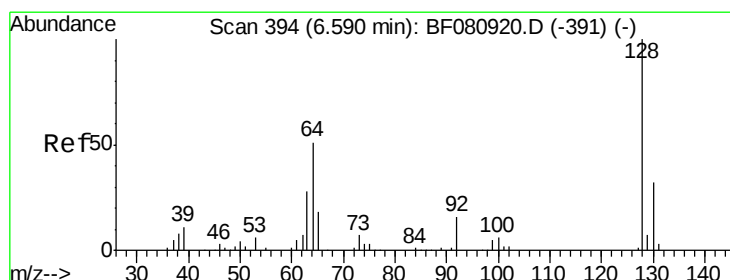
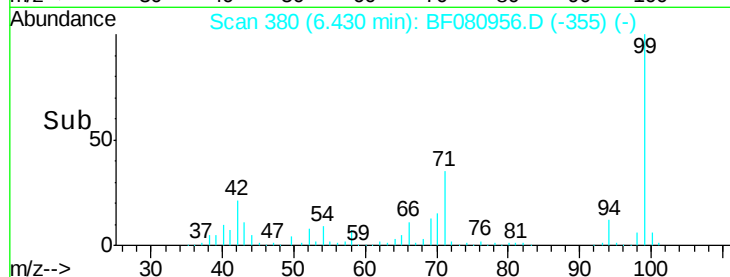
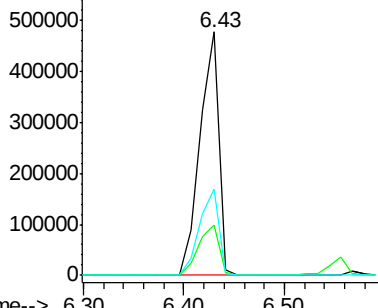
71 35.3 25.8 38.8



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: 22.62 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

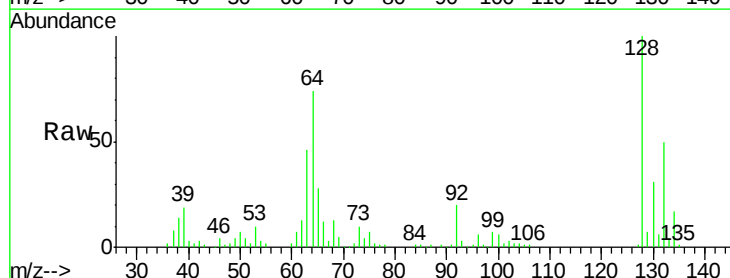
Tgt Ion: 128 Resp: 123304

Ion Ratio Lower Upper

128 100

130 30.8 12.4 52.4

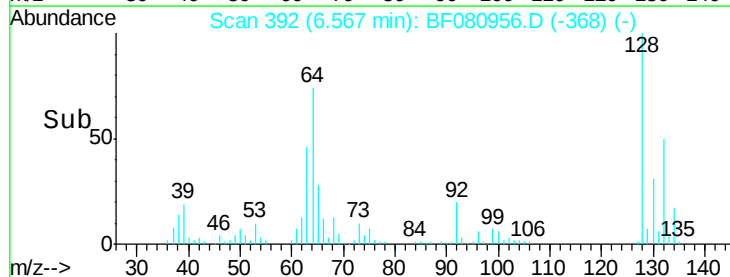
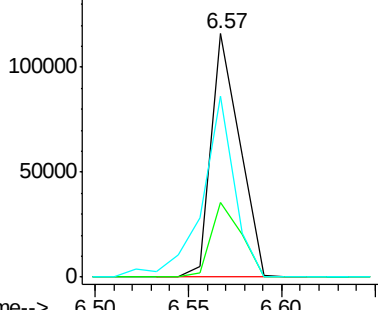
64 74.1 32.1 72.1#



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

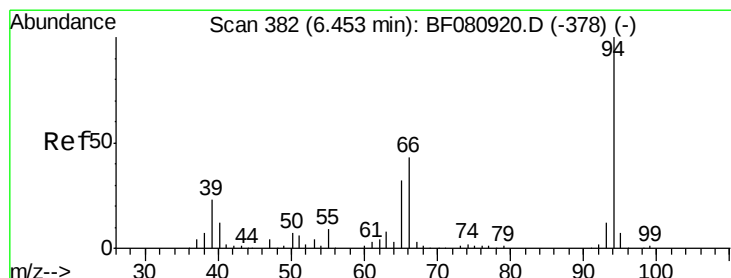
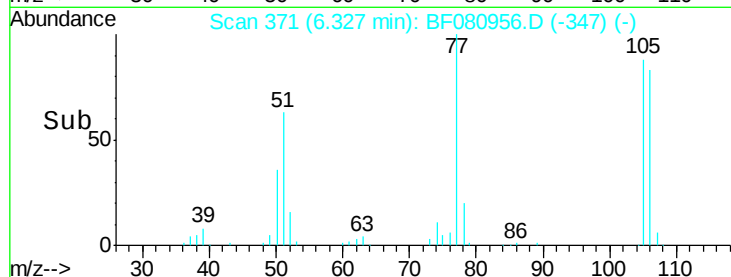
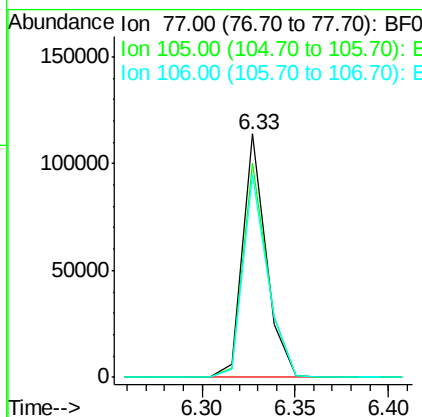
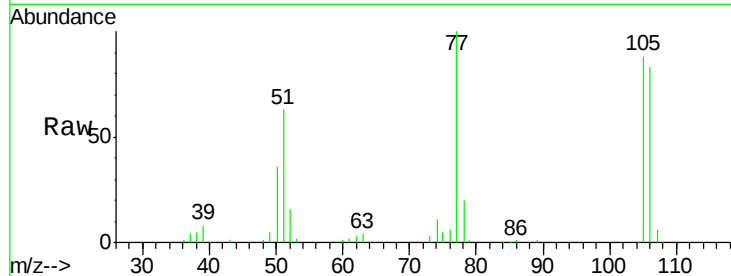




#9
Benzaldehyde
Concen: 22.94 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

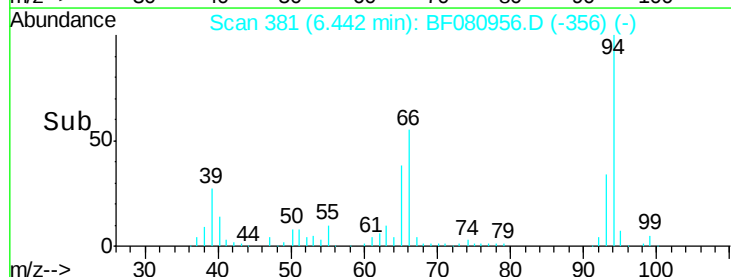
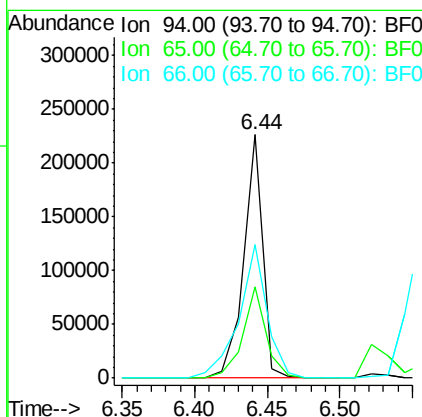
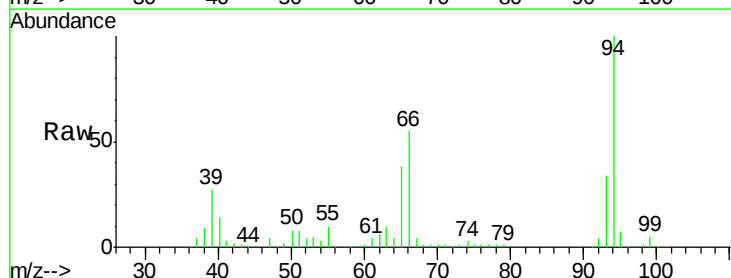
Instrument :
BNA_F
ClientSampleID :
PB84929BS

Tot Ion: 77 Resp: 99841
Ion Ratio Lower Upper
77 100
105 88.2 71.6 111.6
106 83.4 65.7 105.7



#10
Phenol
Concen: 26.94 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion: 94 Resp: 206320
Ion Ratio Lower Upper
94 100
65 37.6 11.8 51.8
66 55.0 22.9 62.9

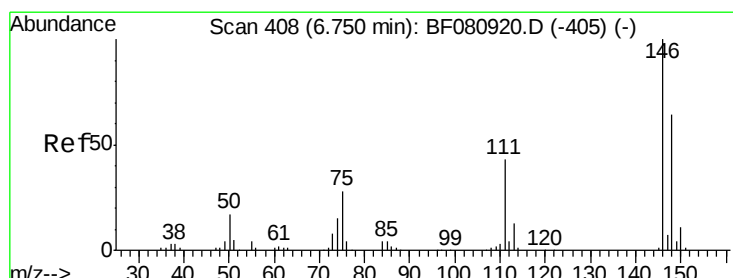
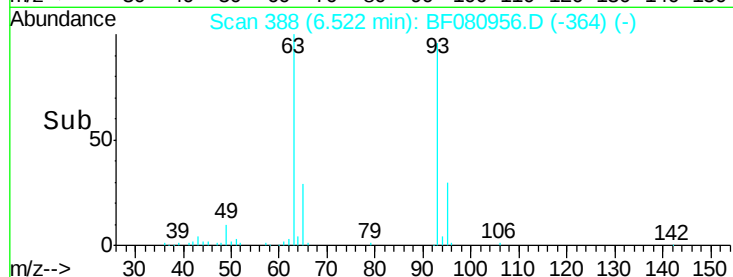
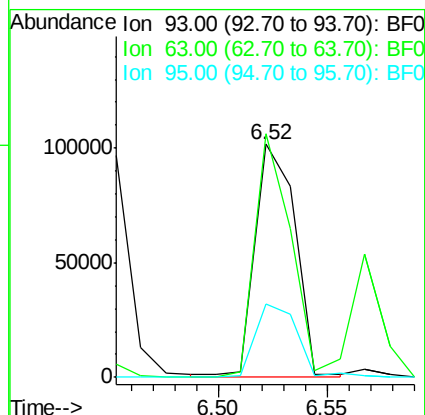
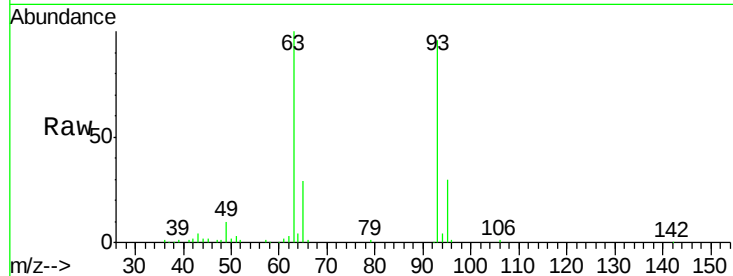




#11
bis(2-Chloroethyl)ether
Concen: 22.88 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

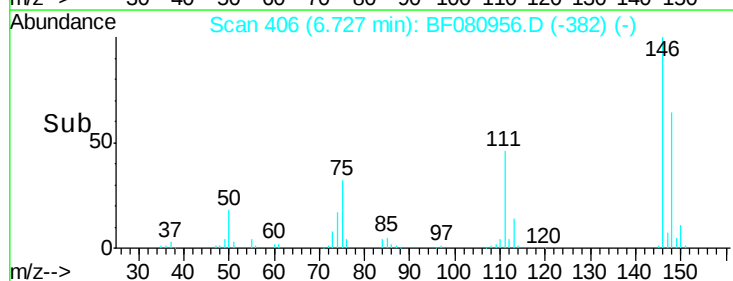
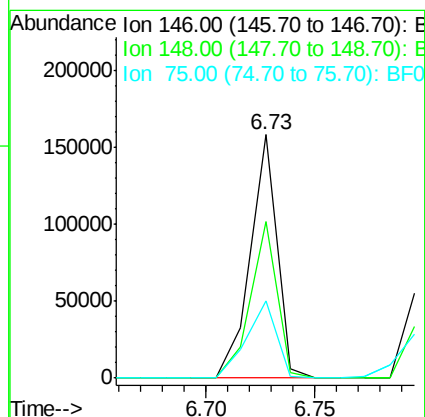
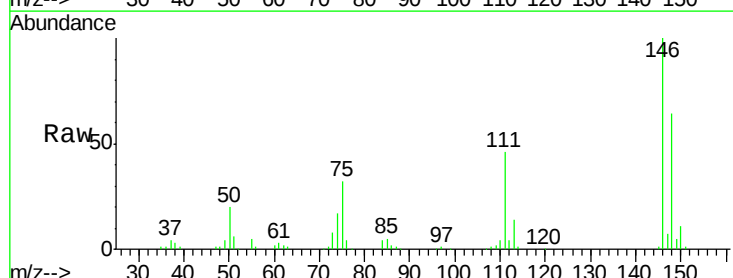
Instrument :
BNA_F
ClientSampleId :
PB84929BS

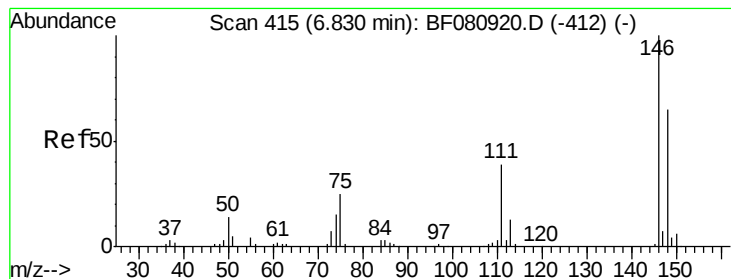
Tot Ion: 93 Resp: 130819
Ion Ratio Lower Upper
93 100
63 104.4 76.7 116.7
95 31.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 23.38 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion: 146 Resp: 135241
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
75 31.9 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 22.06 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

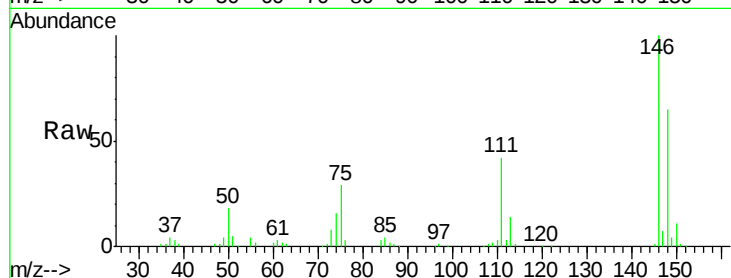
Tot Ion:146 Resp: 132620

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

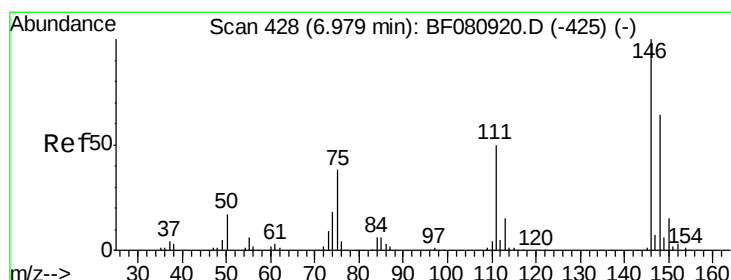
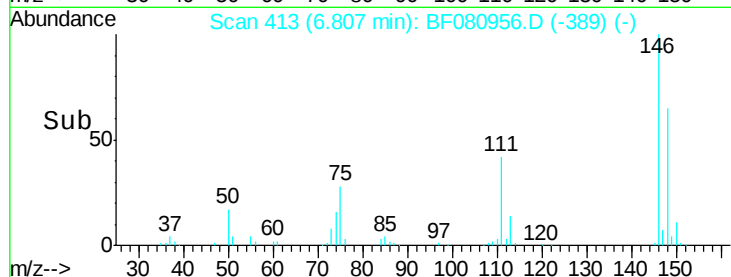
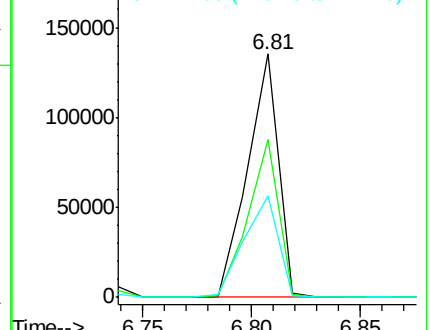
111 41.9 31.5 47.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 23.53 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

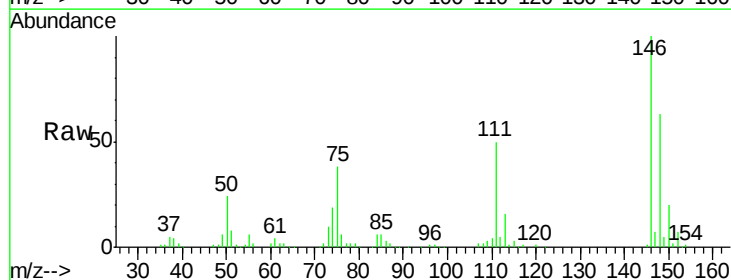
Tgt Ion:146 Resp: 127854

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

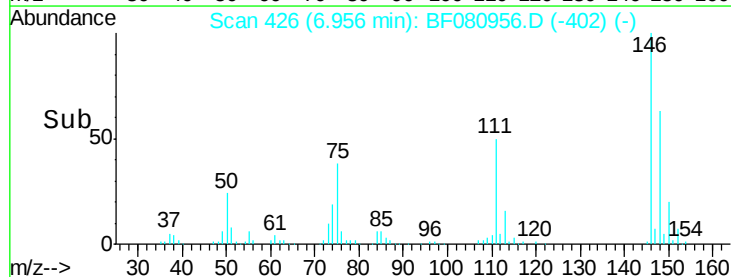
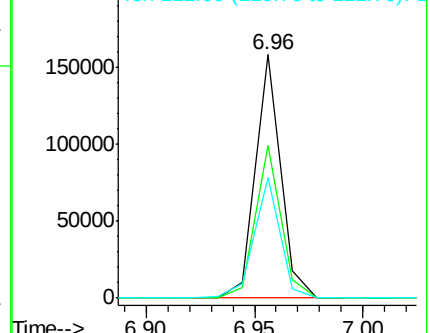
111 49.8 40.0 60.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

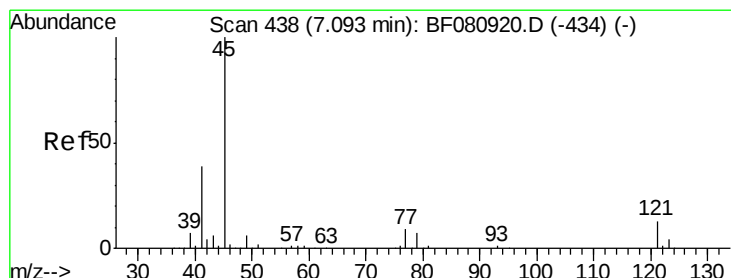
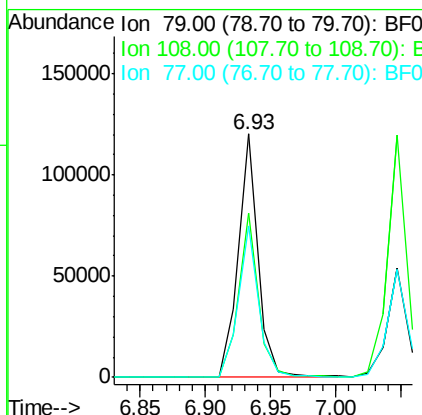
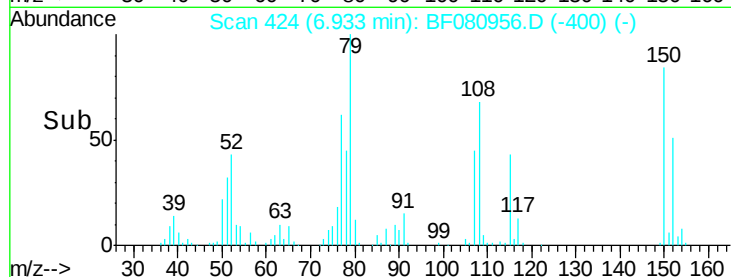
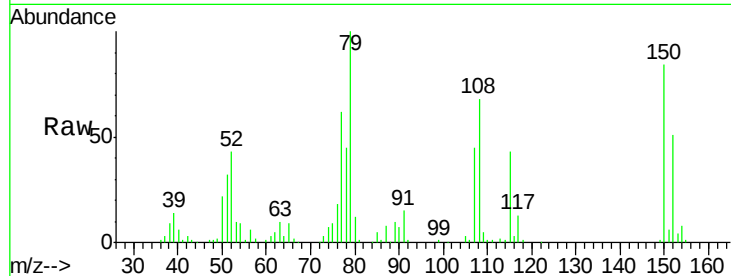




#15
Benzyl Alcohol
Concen: 23.94 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

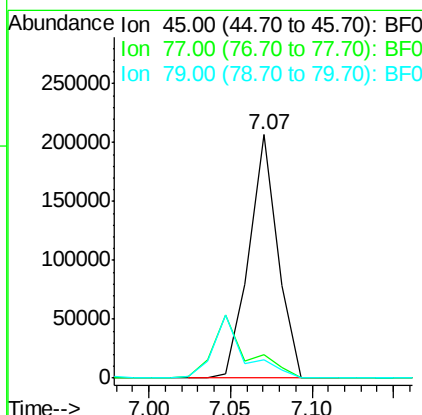
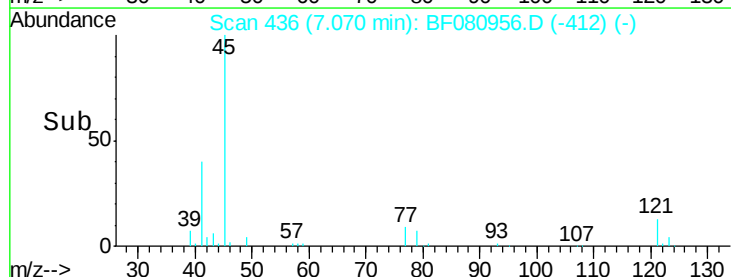
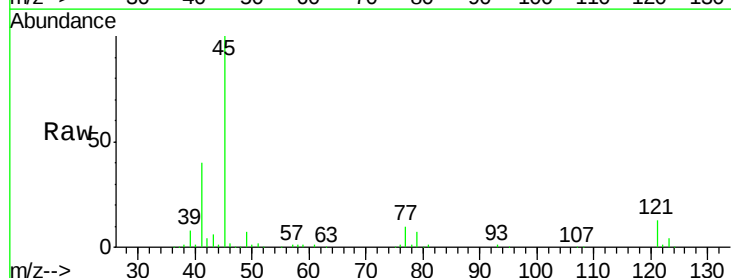
Instrument :
BNA_F
ClientSampleId :
PB84929BS

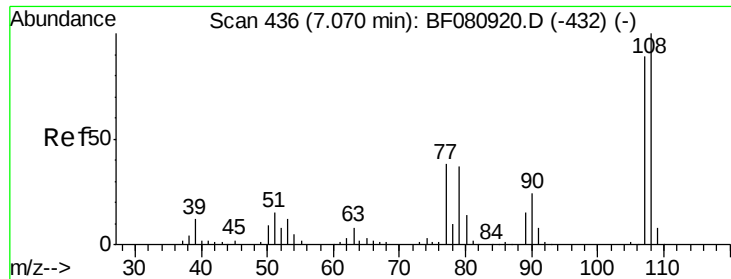
Tot Ion: 79 Resp: 126476
Ion Ratio Lower Upper
79 100
108 67.6 60.9 91.3
77 62.3 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.05 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion: 45 Resp: 253629
Ion Ratio Lower Upper
45 100
77 9.7 0.0 29.6
79 7.5 0.0 27.7





#17

2-Methylphenol

Concen: 22.72 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

Tot Ion:107 Resp: 105724

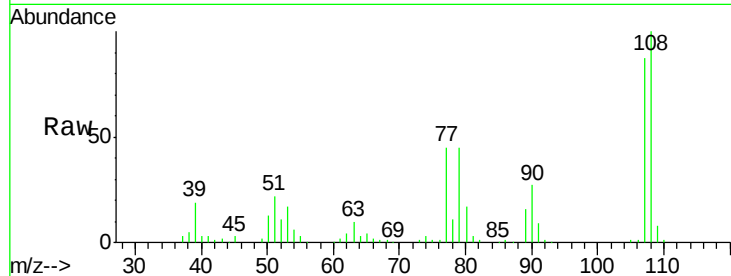
Ion Ratio Lower Upper

107 100

108 114.7 90.3 135.5

77 51.4 34.6 51.8

79 51.8 33.6 50.4#

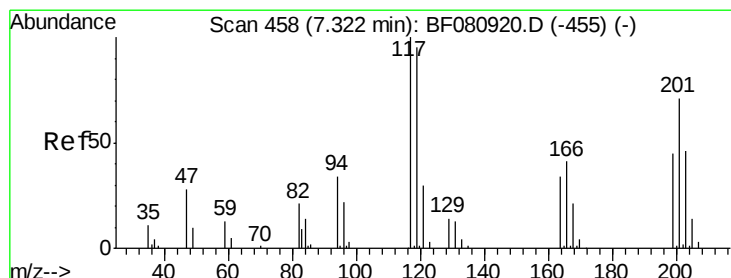
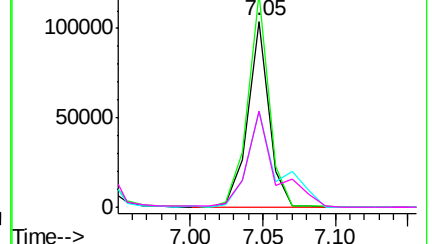
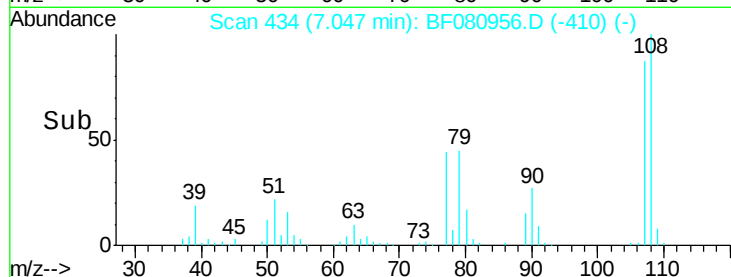


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 23.45 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

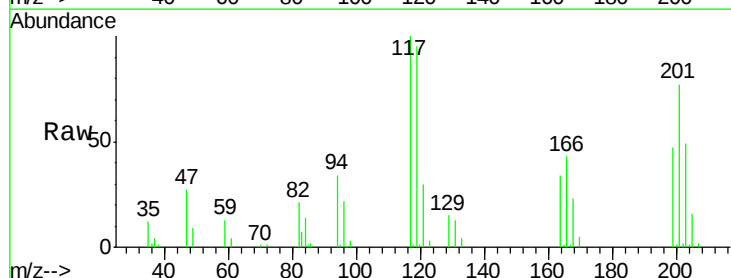
Tgt Ion:117 Resp: 54006

Ion Ratio Lower Upper

117 100

119 94.9 76.3 114.5

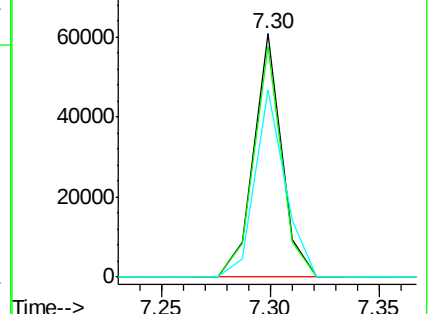
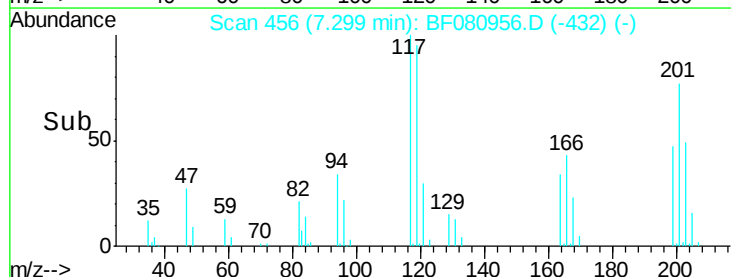
201 77.2 57.0 85.6

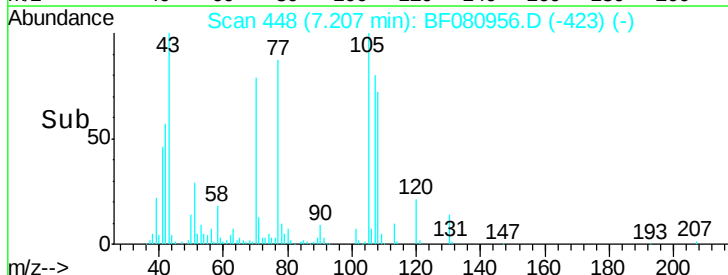
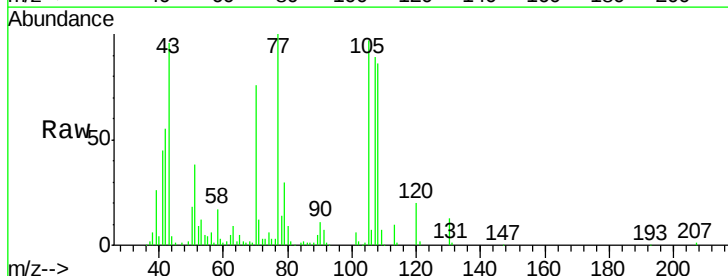
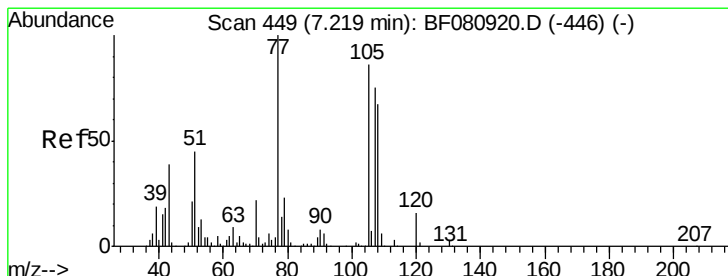
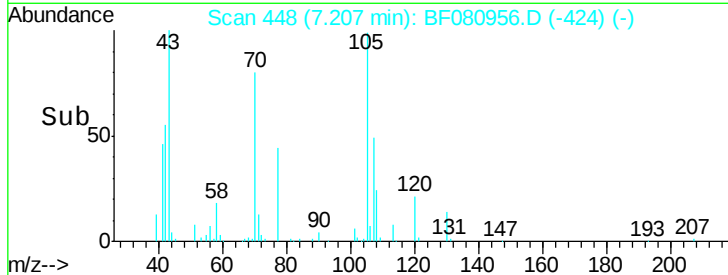
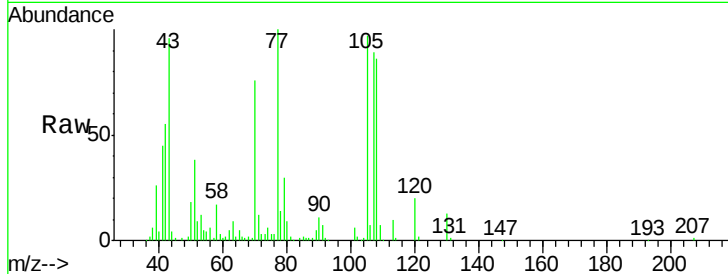
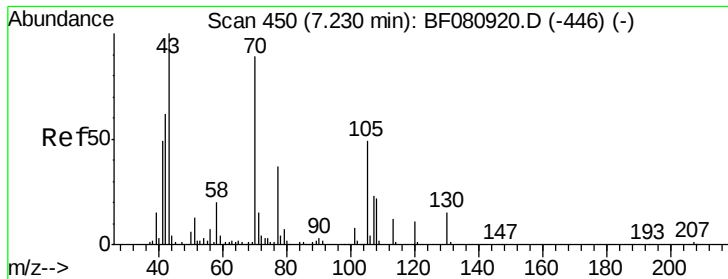


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

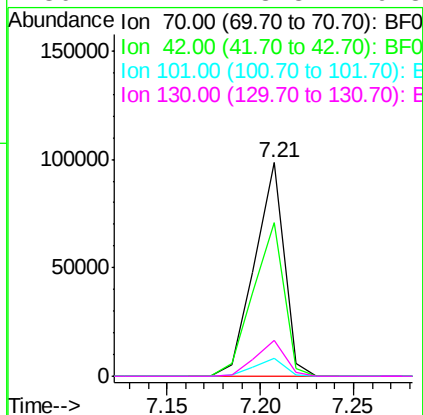




#19
n-Nitroso-di-n-propylamine
Concen: 22.93 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

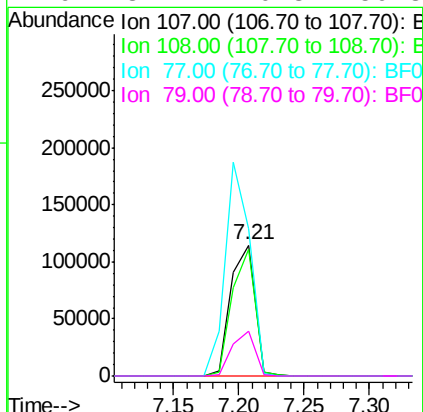
Instrument :
BNA_F
ClientSampleId :
PB84929BS

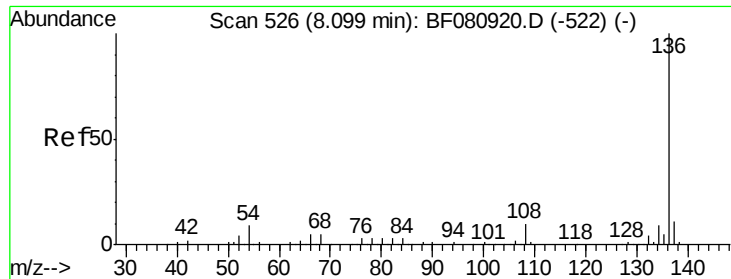
Tot Ion:	70	Resp:	108189
Ion	Ratio	Lower	Upper
70	100		
42	71.8	55.7	83.5
101	8.3	7.0	10.6
130	17.1	13.8	20.8



#20
3+4-Methylphenols
Concen: 25.21 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:	107	Resp:	147339
Ion	Ratio	Lower	Upper
107	100		
108	96.6	69.2	109.2
77	113.0	113.0	153.0#
79	34.2	10.3	50.3

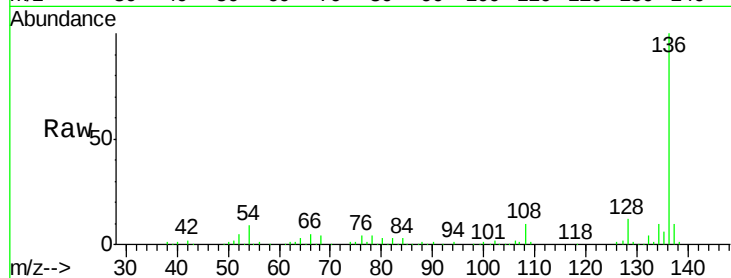




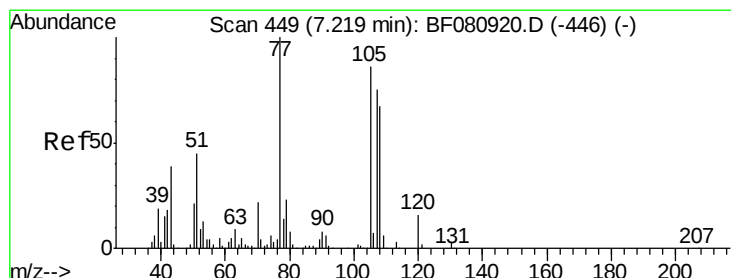
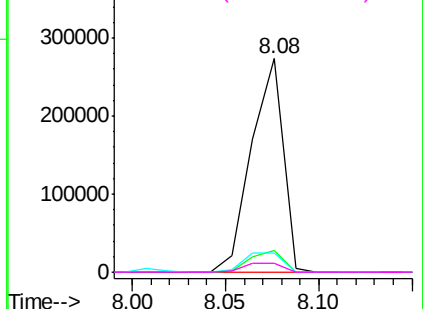
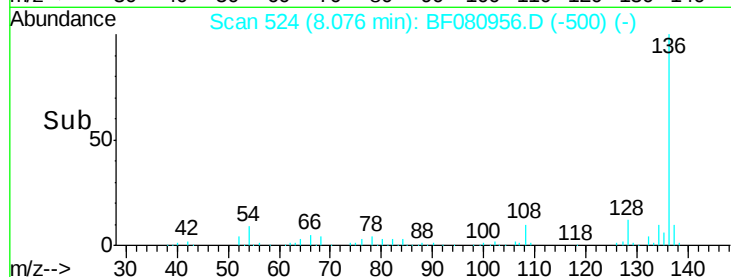
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tot Ion:136	Resp:	322003
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	8.8	7.1 10.7
68	4.5	3.8 5.8

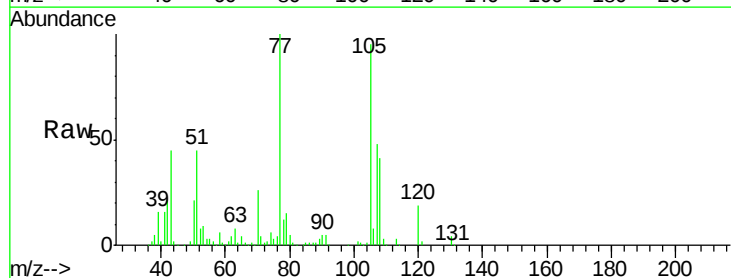


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

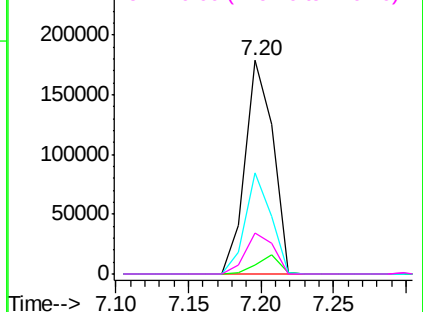
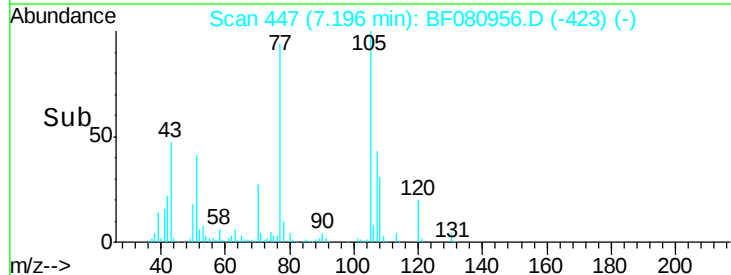


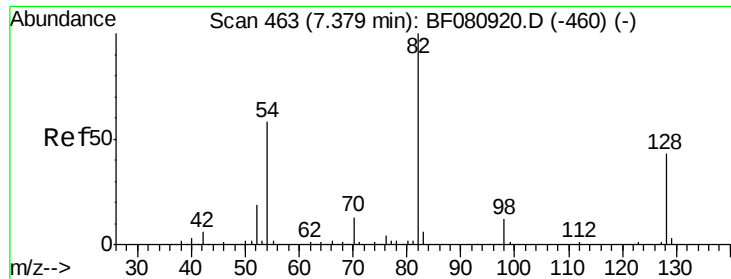
#22
Acetophenone
Concen: 30.21 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:105	Resp:	238356
Ion Ratio	Lower	Upper
105	100	
71	4.4	3.3 4.9
51	47.6	41.8 62.6
120	19.4	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

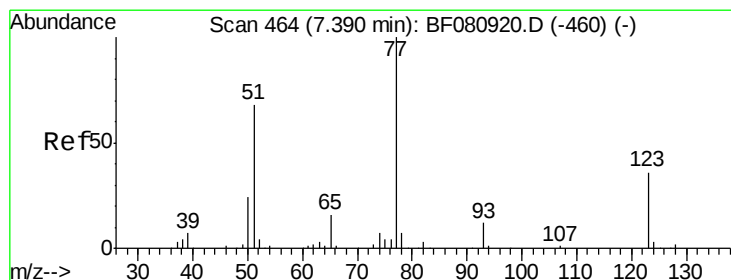
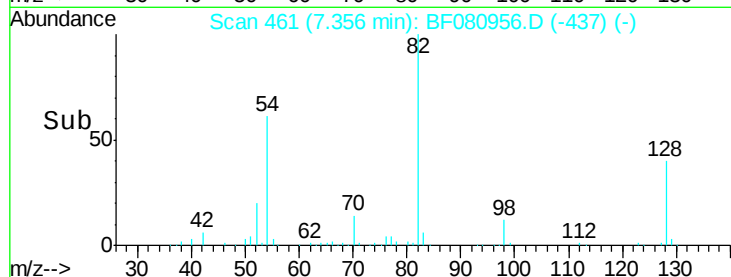
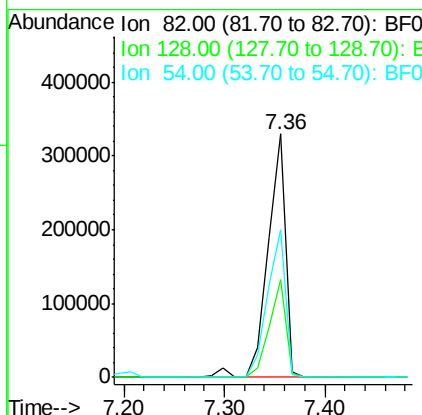
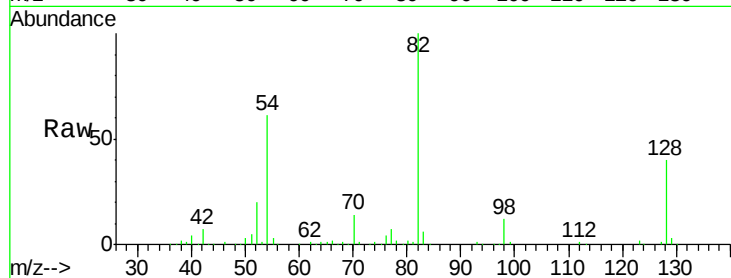




#23
 Nitrobenzene-d5
 Concen: 58.98 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

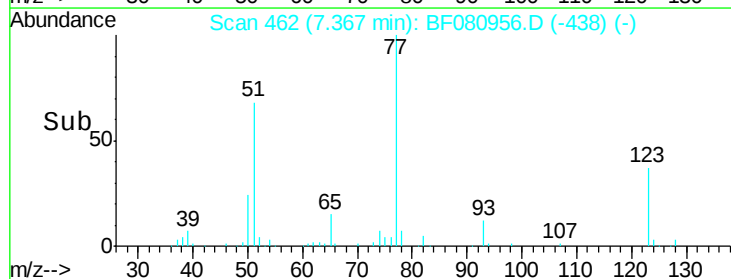
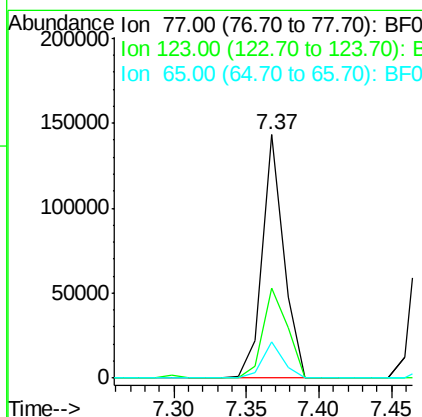
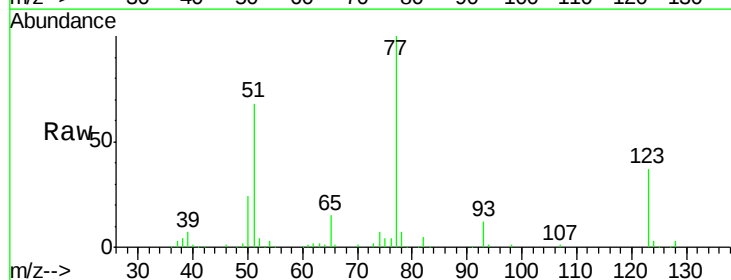
Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion: 82 Resp: 401499
 Ion Ratio Lower Upper
 82 100
 128 40.1 34.1 51.1
 54 60.6 46.5 69.7



#24
 Nitrobenzene
 Concen: 21.00 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion: 77 Resp: 147202
 Ion Ratio Lower Upper
 77 100
 123 37.2 28.7 43.1
 65 15.1 12.5 18.7





#25

Isophorone

Concen: 22.10 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampled :

PB84929BS

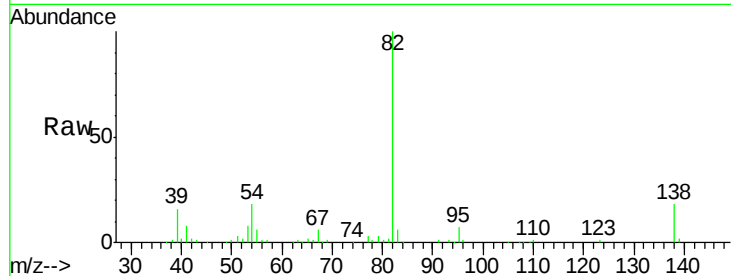
Tot Ion: 82 Resp: 289284

Ion Ratio Lower Upper

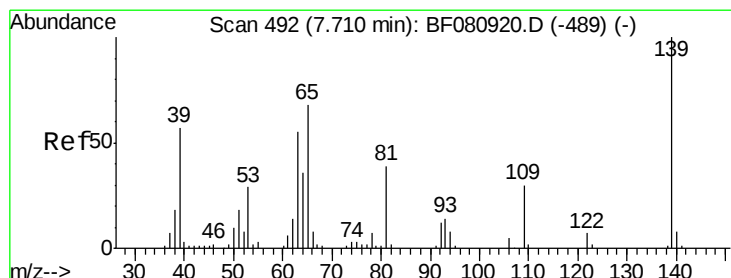
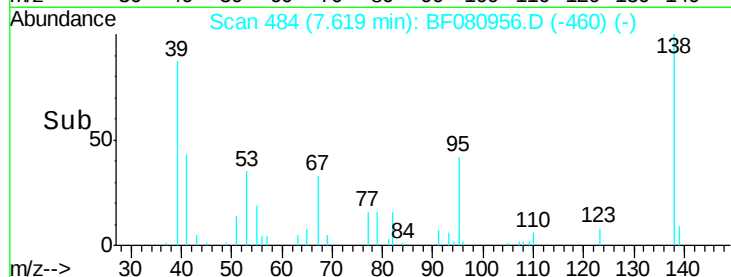
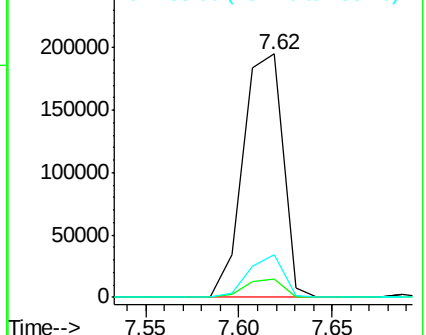
82 100

95 7.3 5.8 8.6

138 17.6 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: 23.38 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

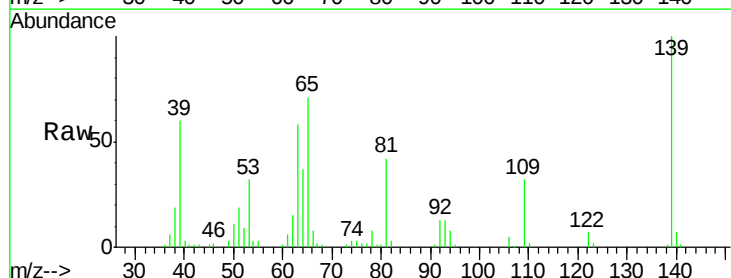
Tgt Ion: 139 Resp: 68959

Ion Ratio Lower Upper

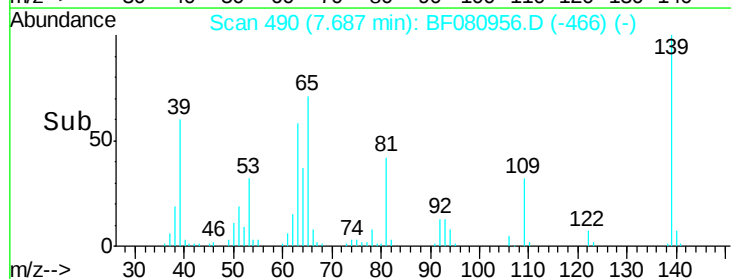
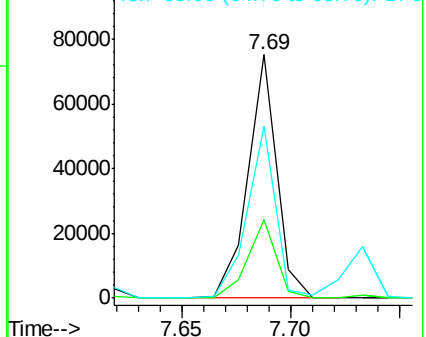
139 100

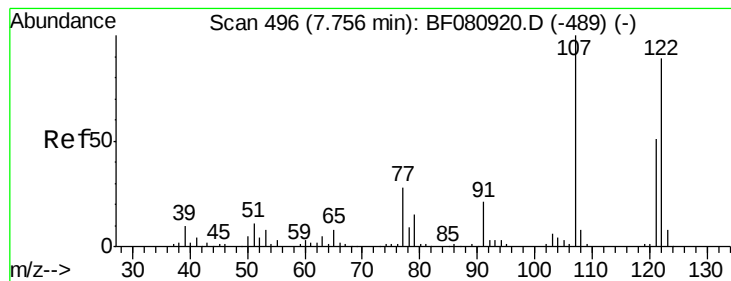
109 32.4 24.1 36.1

65 70.8 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: 25.16 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

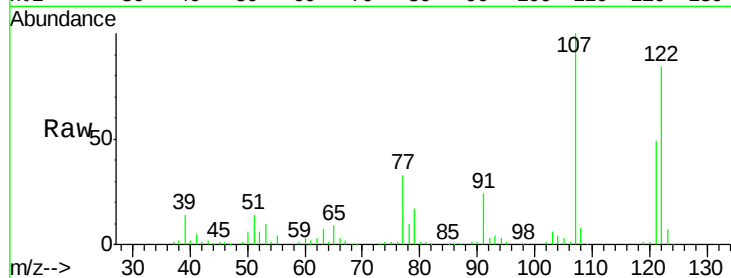
Tot Ion:122 Resp: 138916

Ion Ratio Lower Upper

122 100

107 119.7 90.2 135.4

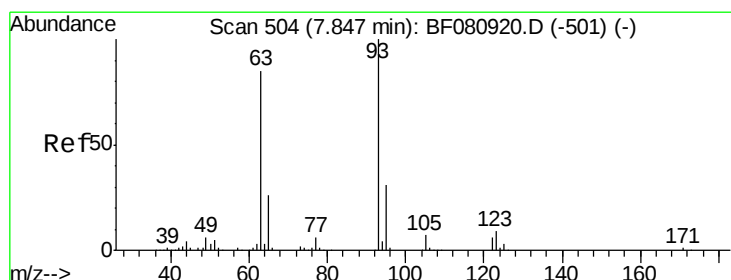
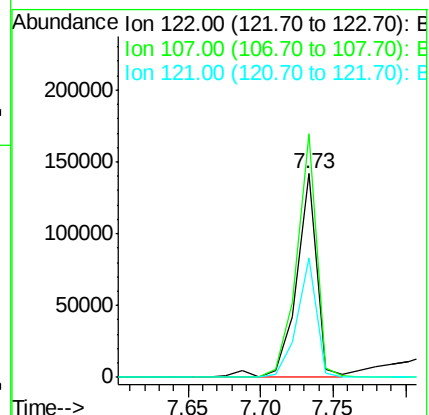
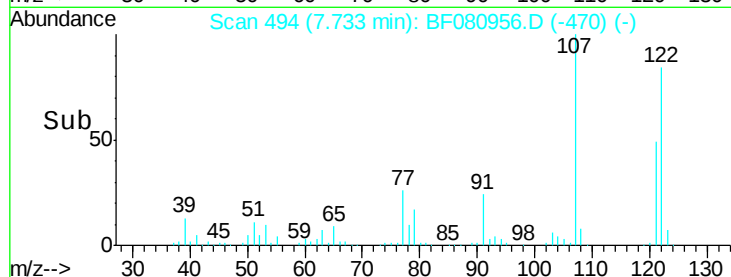
121 58.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 20.93 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

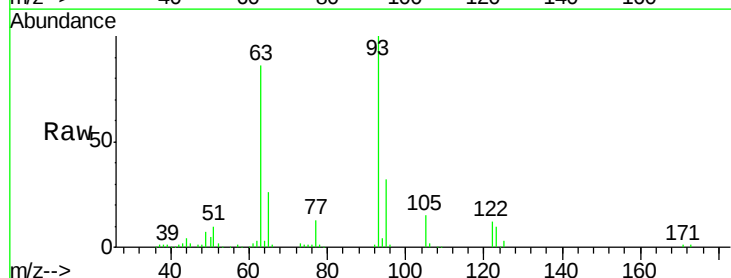
Tgt Ion: 93 Resp: 164463

Ion Ratio Lower Upper

93 100

95 32.1 25.0 37.4

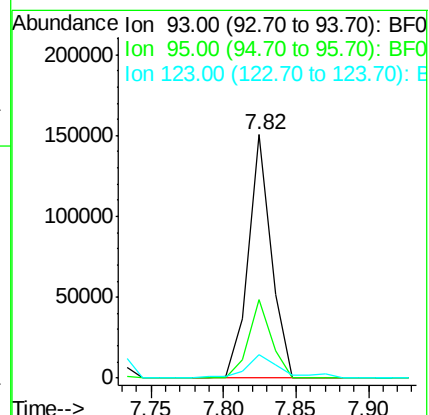
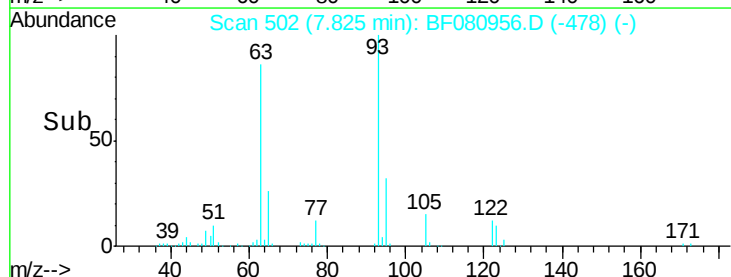
123 9.8 7.4 11.0

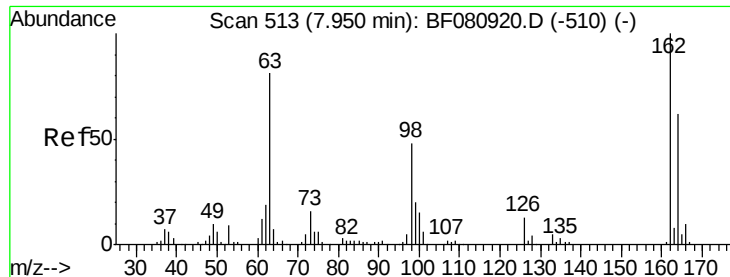


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

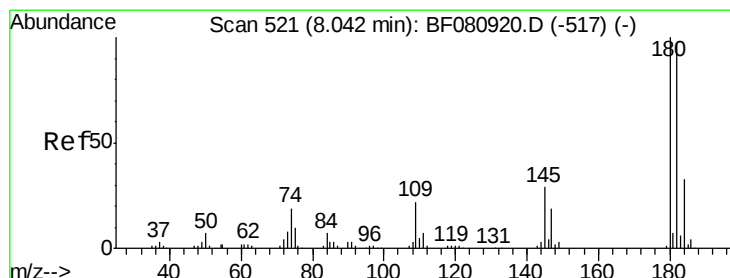
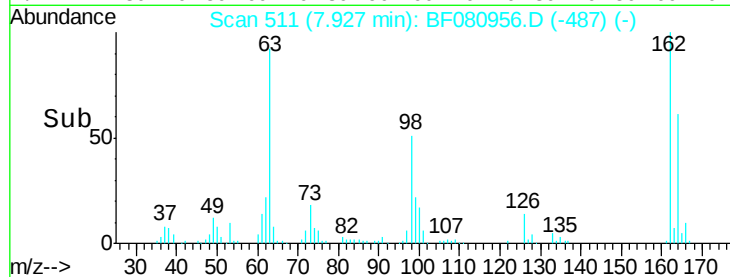
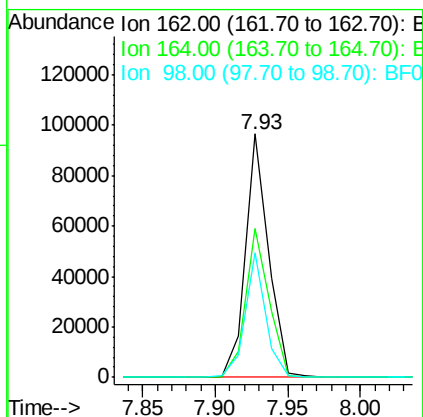
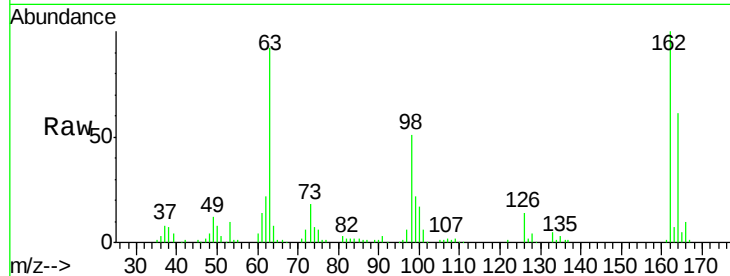




#29
 2,4-Dichlorophenol
 Concen: 23.38 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

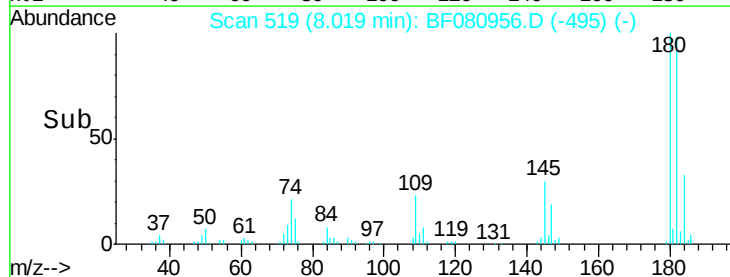
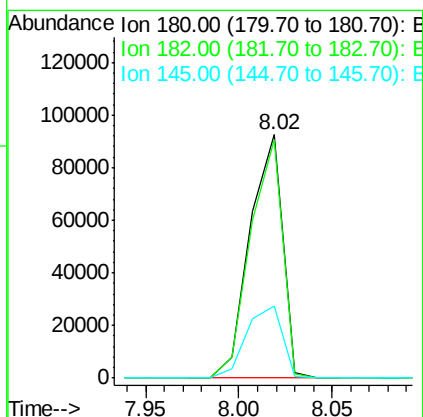
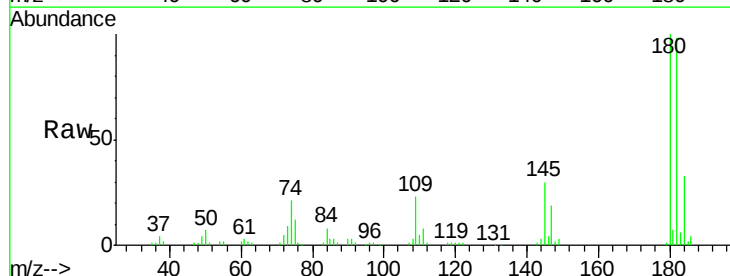
Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

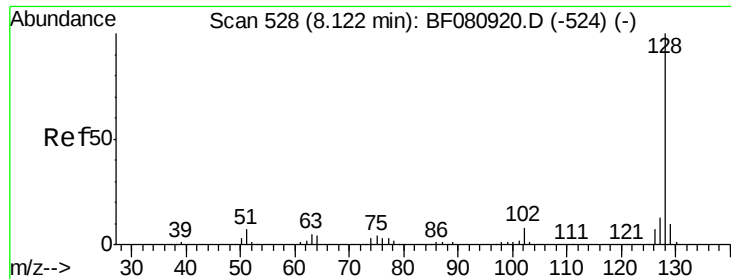
Tot Ion:162 Resp: 106071
 Ion Ratio Lower Upper
 162 100
 164 61.2 42.3 82.3
 98 51.0 27.7 67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 22.92 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion:180 Resp: 113642
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.4 116.0
 145 29.6 23.2 34.8

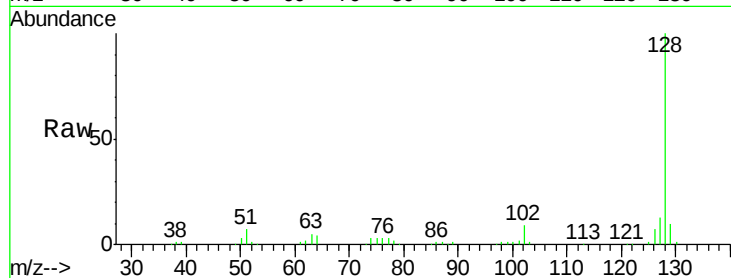




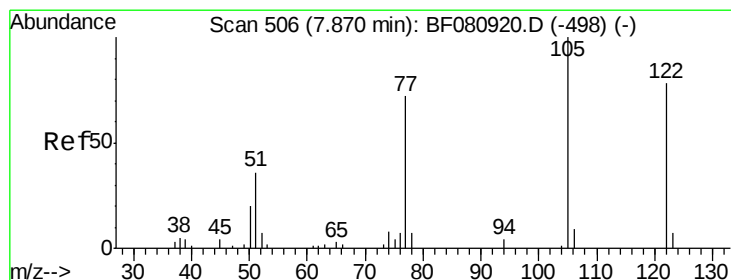
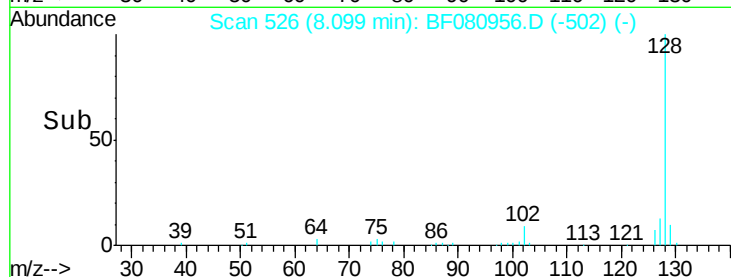
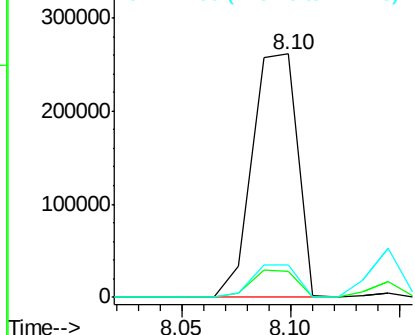
#31
Naphthalene
Concen: 21.46 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tot Ion:128 Resp: 380889
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.2 10.5 15.7

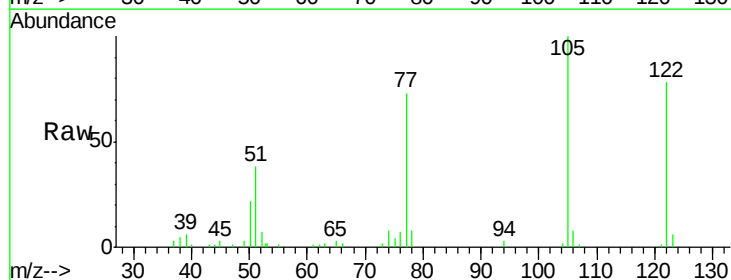


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

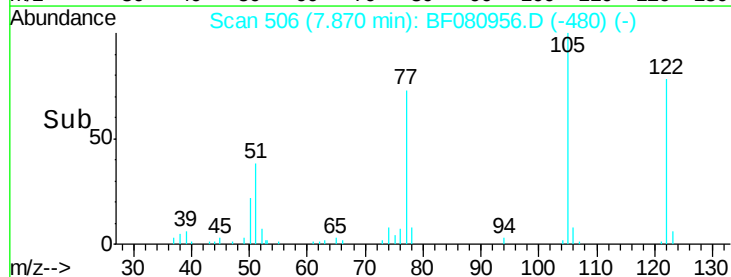
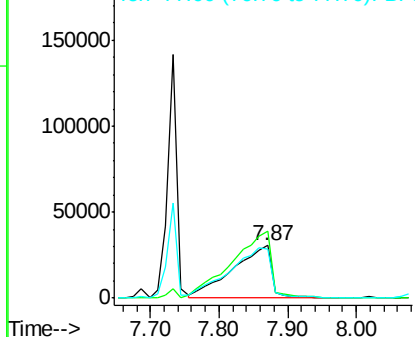


#32
Benzoic acid
Concen: 35.96 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:122 Resp: 118853
Ion Ratio Lower Upper
122 100
105 127.8 103.6 143.6
77 93.3 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

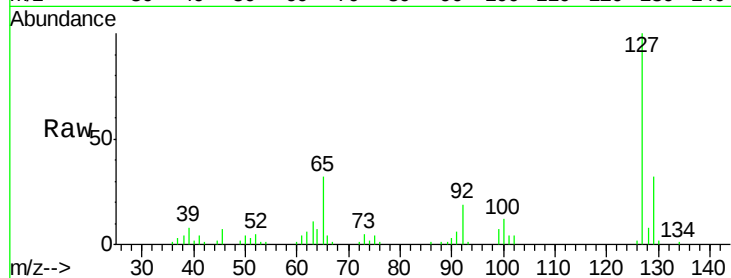




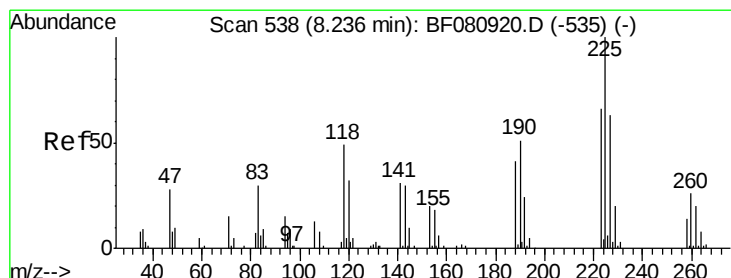
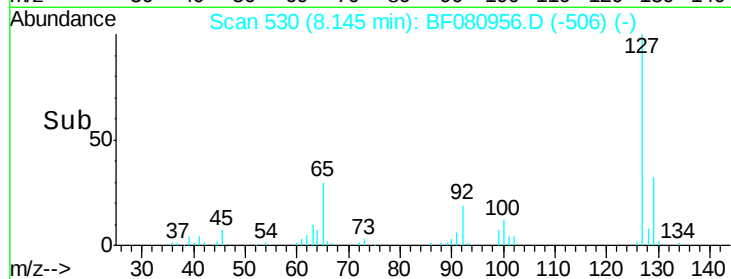
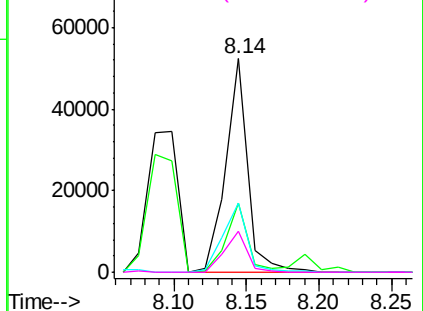
#33
4-Chloroaniline
Concen: 7.68 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tot Ion:127	Resp:	55410
Ion	Ratio	Lower Upper
127	100	
129	32.5	25.9 38.9
65	32.1	30.6 45.8
92	19.1	16.9 25.3

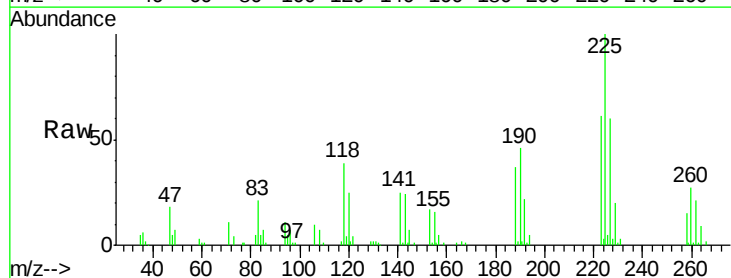


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

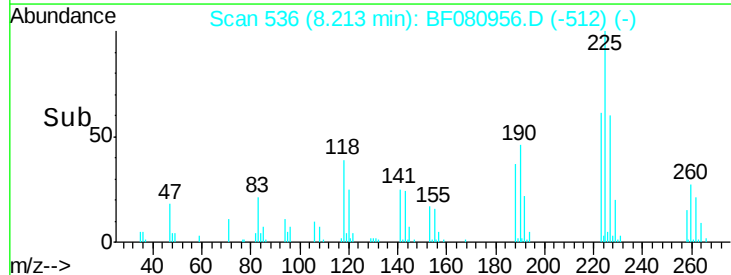
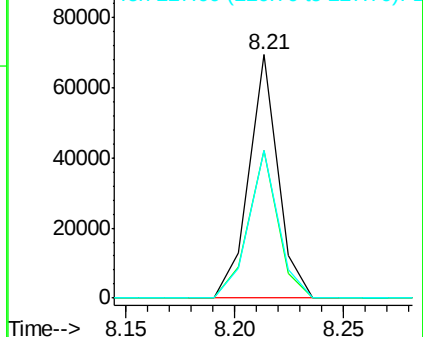


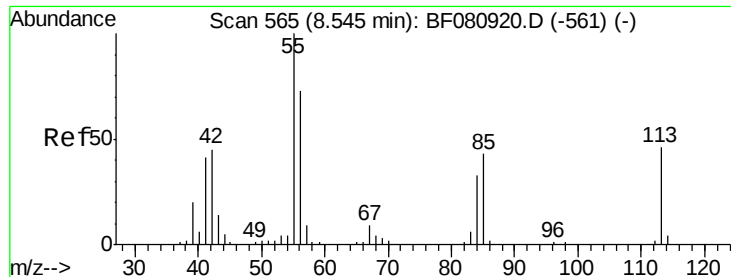
#34
Hexachlorobutadiene
Concen: 21.97 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:225	Resp:	64836
Ion	Ratio	Lower Upper
225	100	
223	60.8	52.5 78.7
227	60.4	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





#35

Caprolactam

Concen: 20.73 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

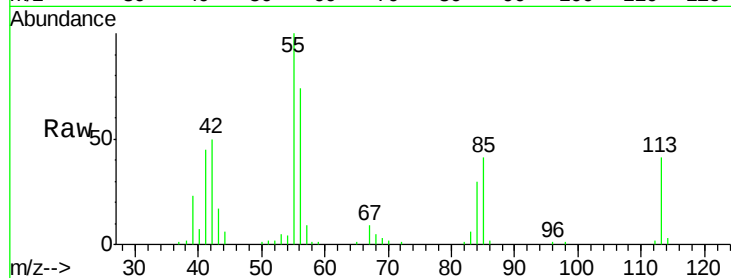
Tot Ion:113 Resp: 33833

Ion Ratio Lower Upper

113 100

55 244.0 196.4 236.4#

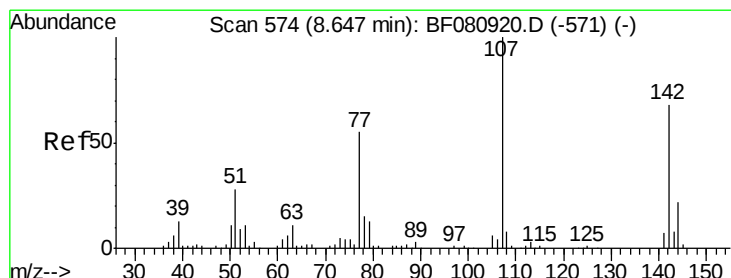
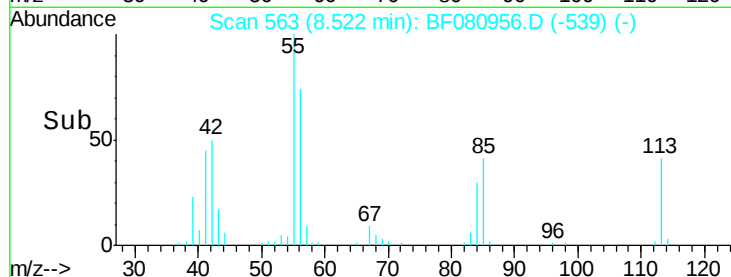
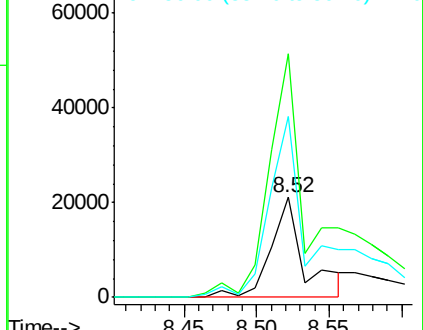
56 181.4 137.9 177.9#



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: 25.30 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

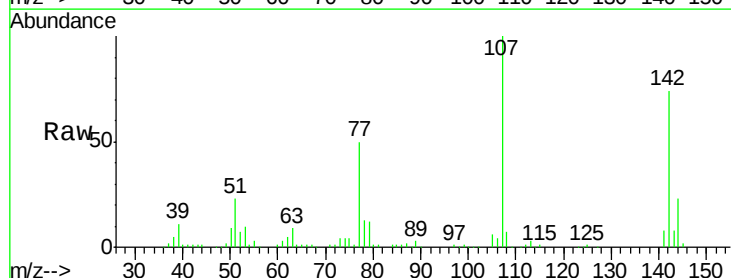
Tgt Ion:107 Resp: 140093

Ion Ratio Lower Upper

107 100

144 23.5 17.3 25.9

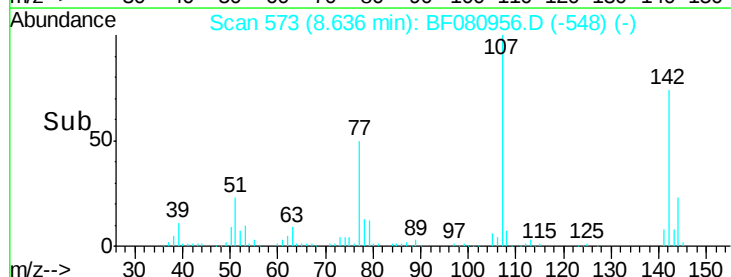
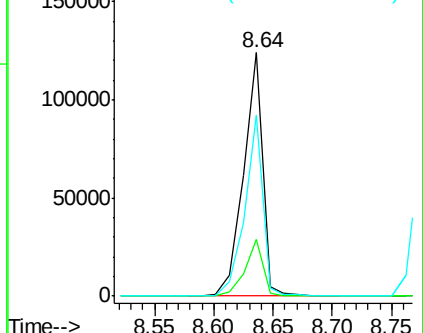
142 74.4 54.4 81.6

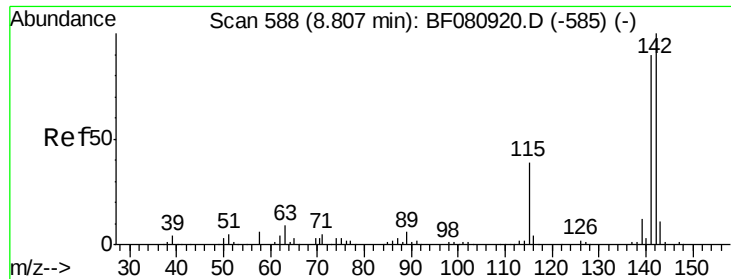


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

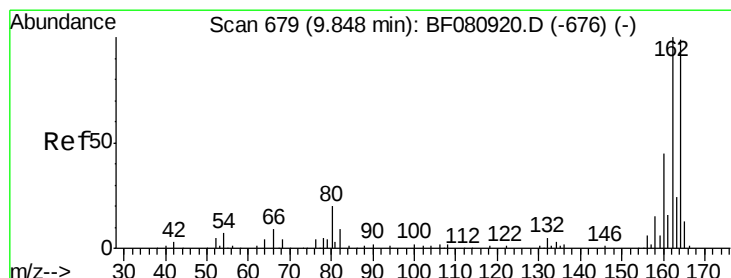
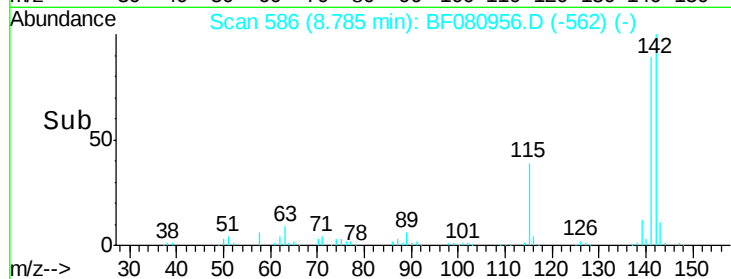
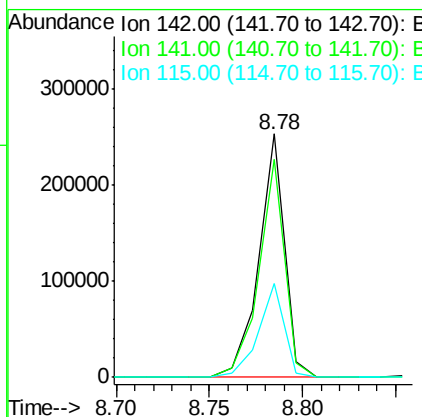
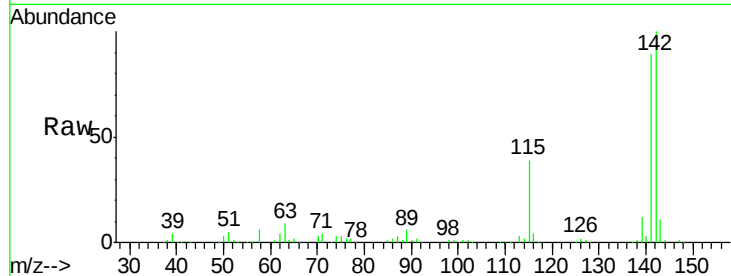




#37
 2-Methylnaphthalene
 Concen: 21.27 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

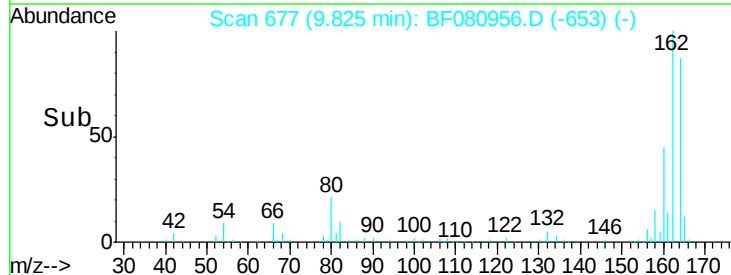
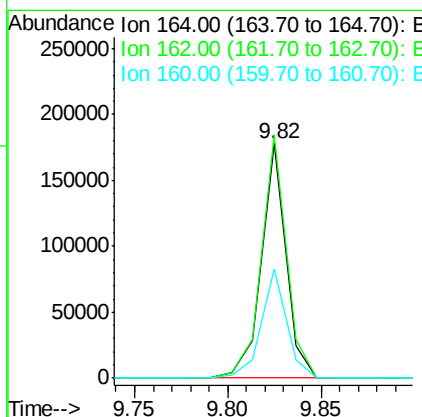
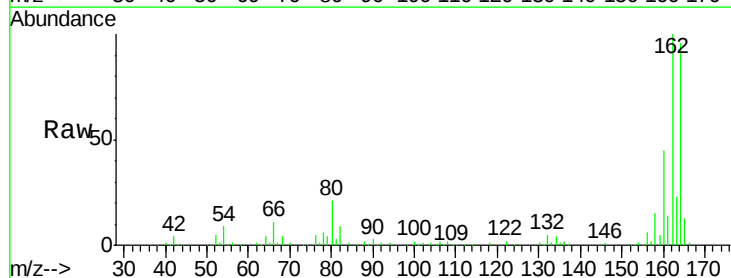
Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

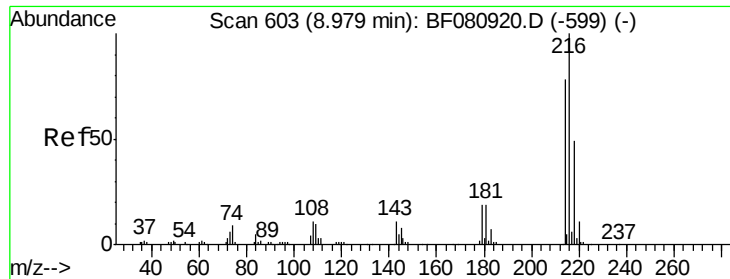
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5
115	38.8	30.9	46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.5	120.7
160	46.5	36.6	54.8

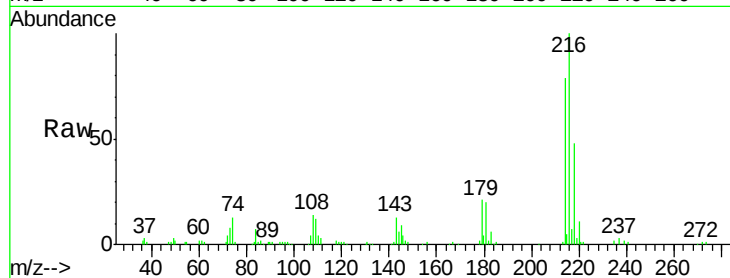




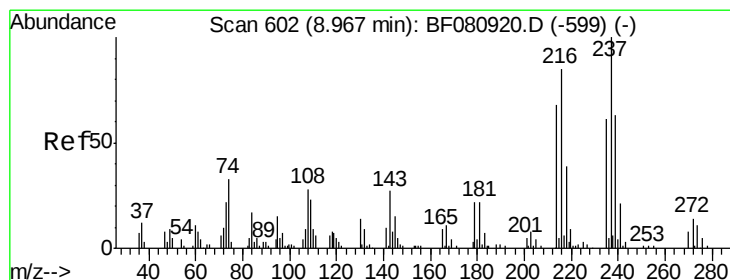
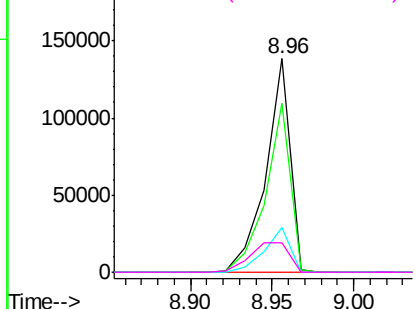
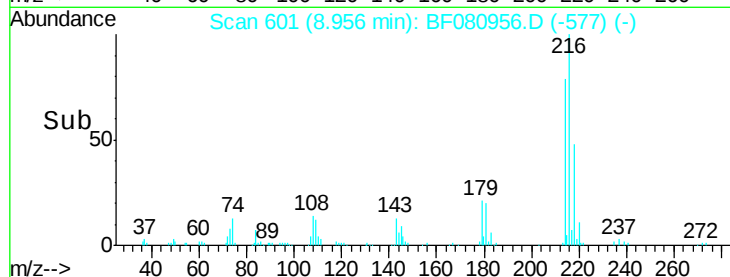
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.89 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion:216	Resp:	143479
Ion Ratio	Lower	Upper
216	100	
214	79.9	63.0 94.4
179	21.9	17.2 25.8
108	22.4	16.1 24.1

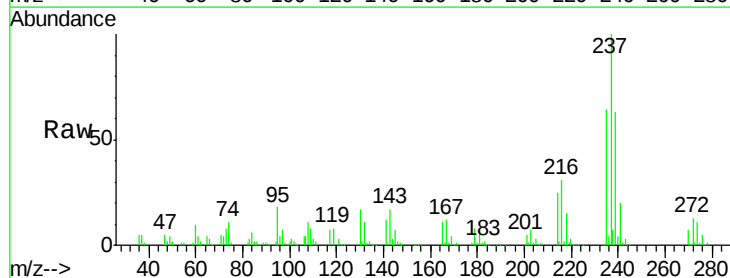


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

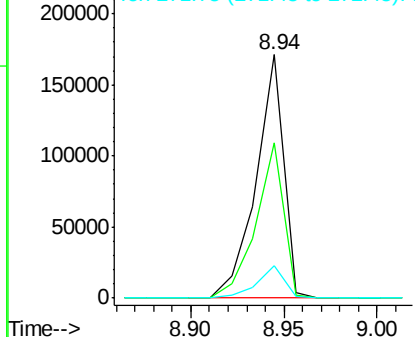
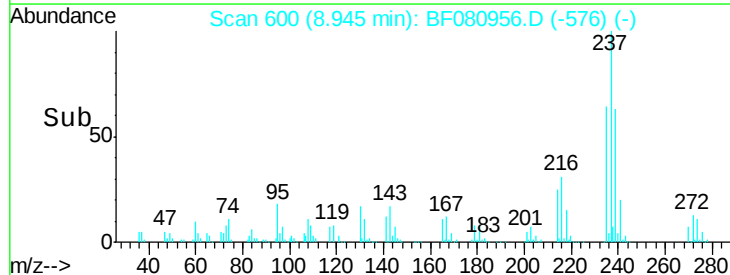


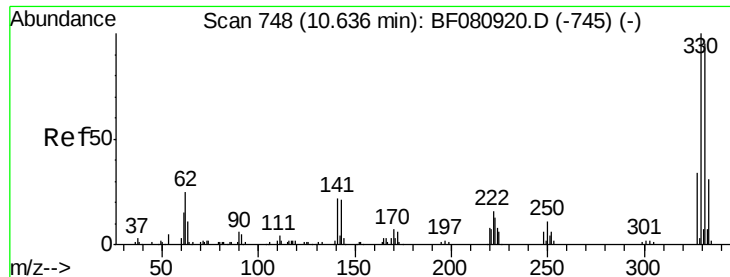
#40
 Hexachlorocyclopentadiene
 Concen: 64.55 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion:237	Resp:	174908
Ion Ratio	Lower	Upper
237	100	
235	63.6	41.3 81.3
272	13.2	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

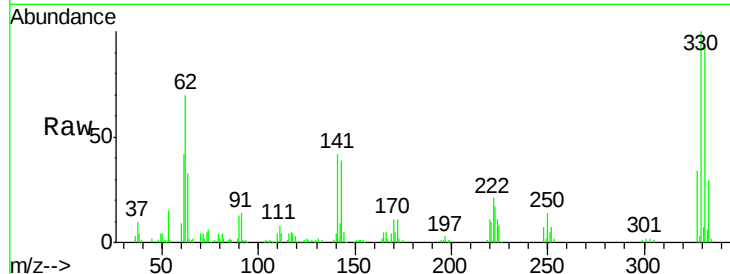




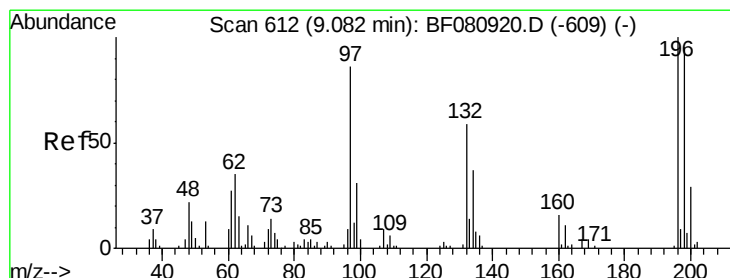
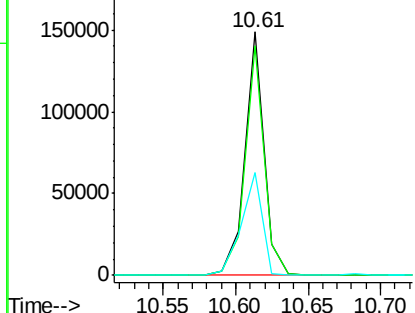
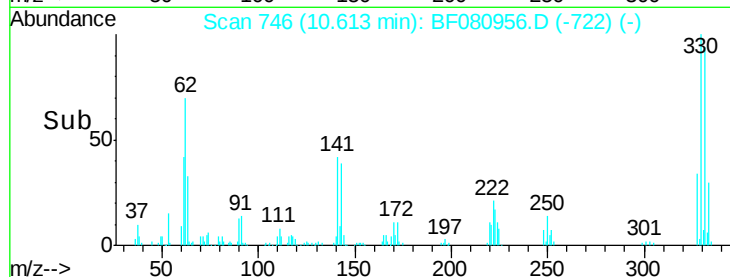
#41
 2,4,6-Tribromophenol
 Concen: 76.97 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.2	114.4
141	46.3	27.8	41.8#

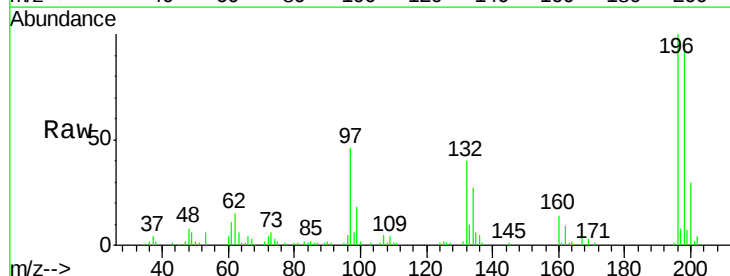


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

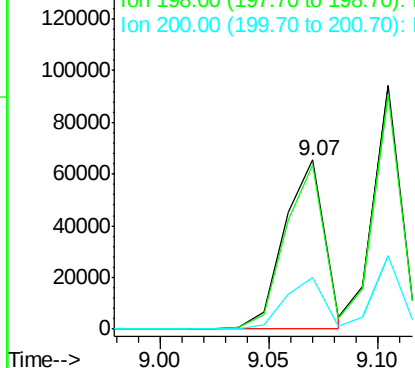
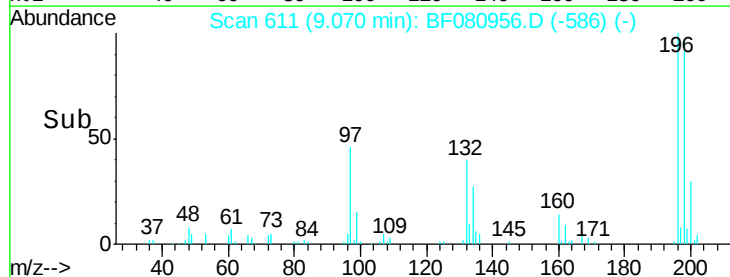


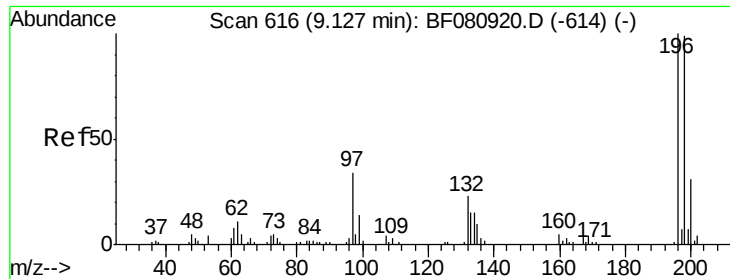
#42
 2,4,6-Trichlorophenol
 Concen: 23.07 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.9	113.9
200	30.1	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

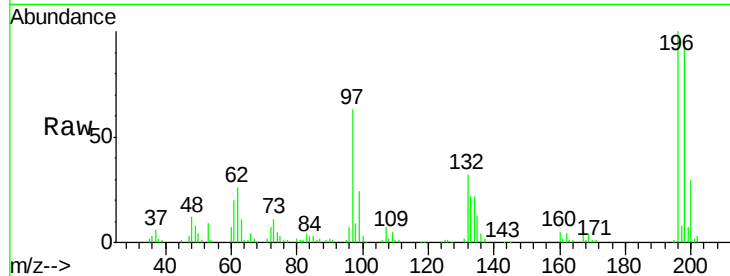




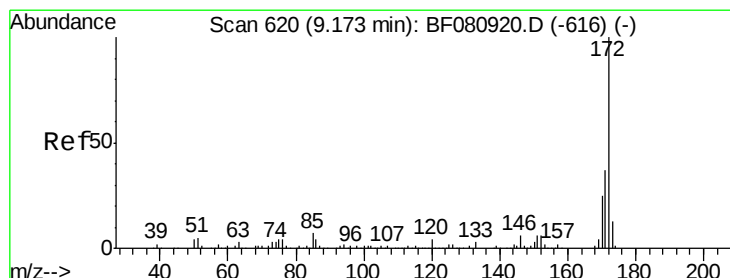
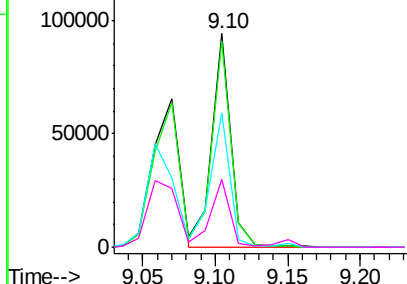
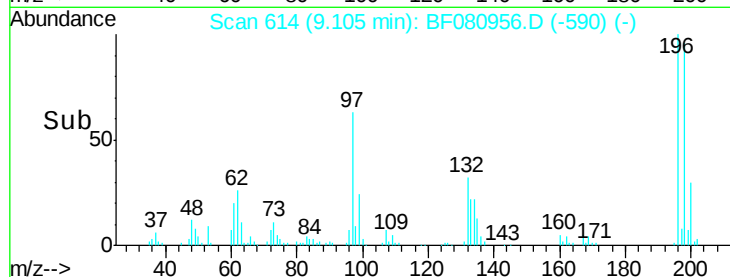
#43
 2,4,5-Trichlorophenol
 Concen: 23.10 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion:196 Resp: 84709
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.9 118.3
 97 62.9 29.1 43.7#
 132 32.1 19.1 28.7#

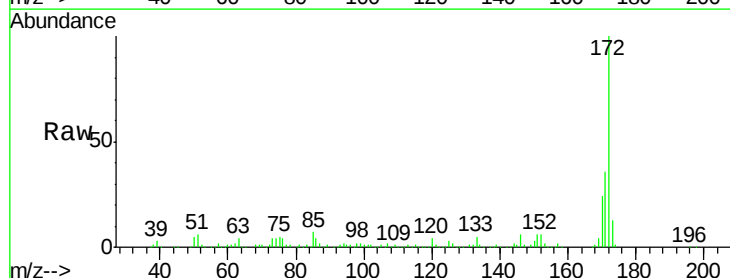


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

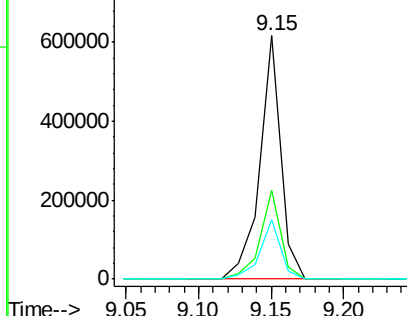
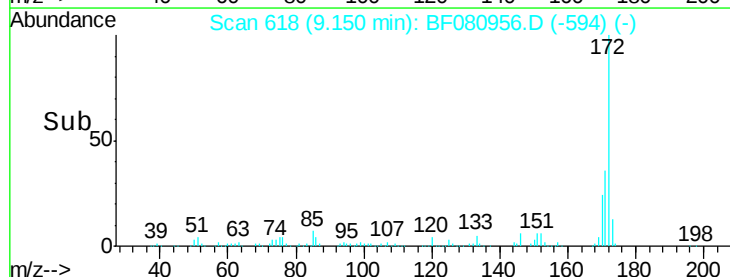


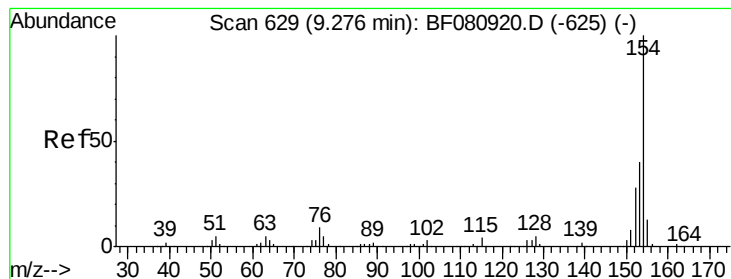
#44
 2-Fluorobiphenyl
 Concen: 53.98 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion:172 Resp: 617662
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 30.26 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

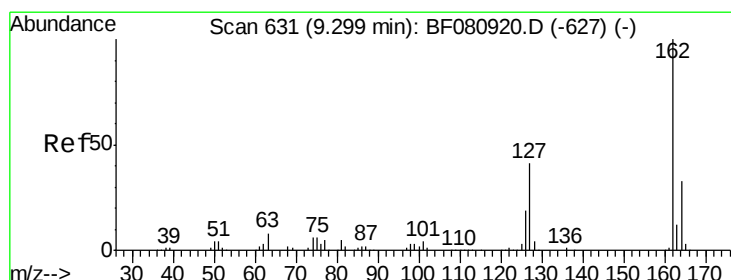
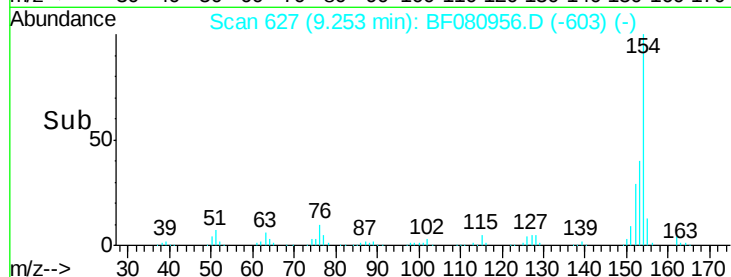
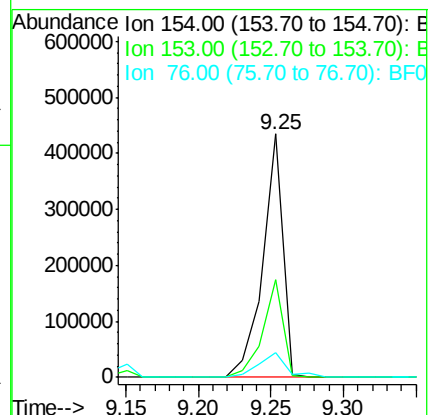
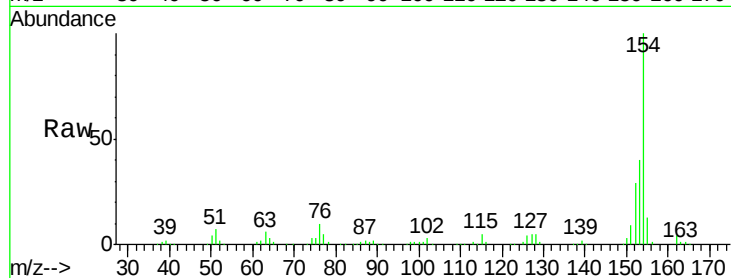
Tot Ion:154 Resp: 418284

Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 10.2 0.0 29.3



#46

2-Chloronaphthalene

Concen: 22.67 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

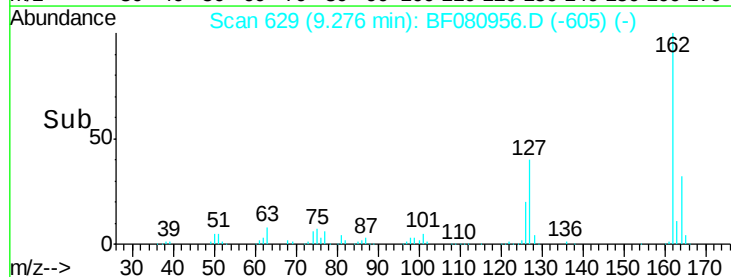
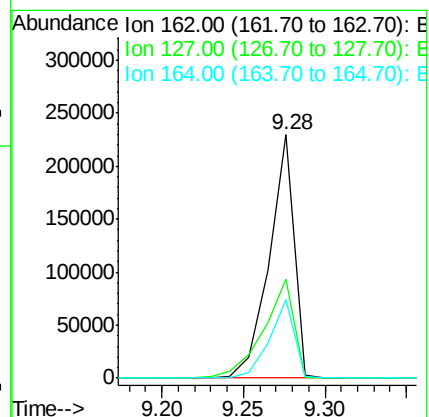
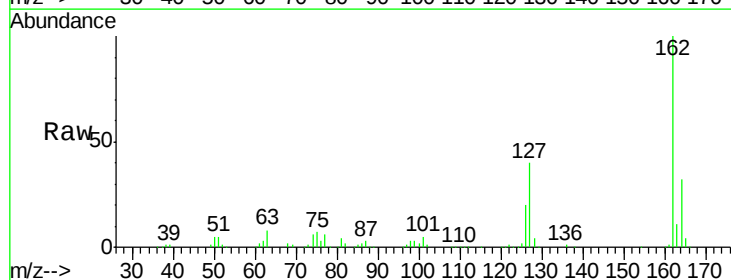
Tgt Ion:162 Resp: 244323

Ion Ratio Lower Upper

162 100

127 40.5 32.5 48.7

164 32.1 26.2 39.4

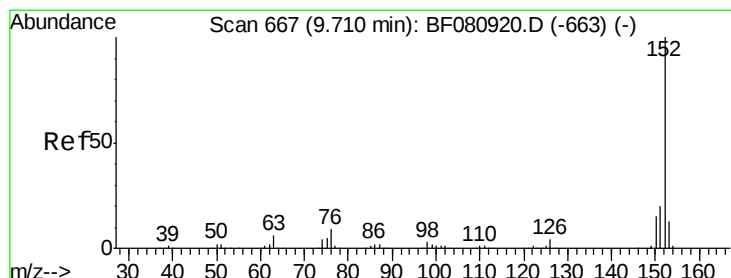
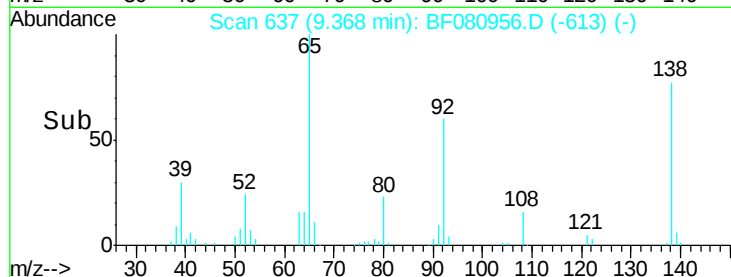
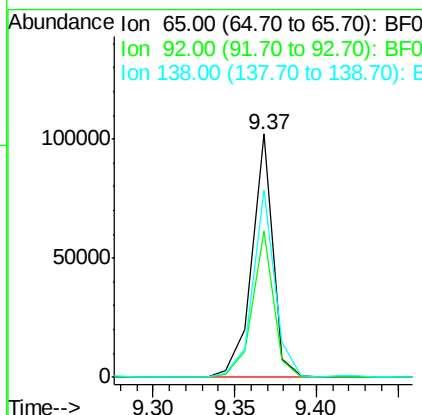
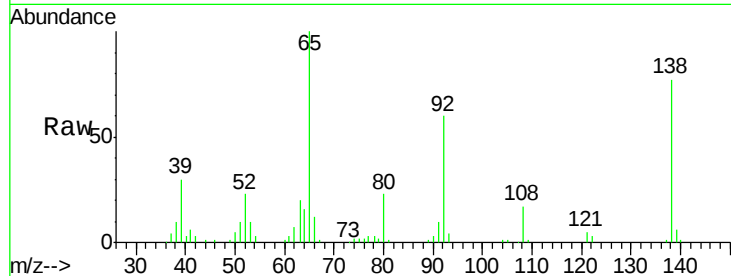




#47
 2-Nitroaniline
 Concen: 21.08 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

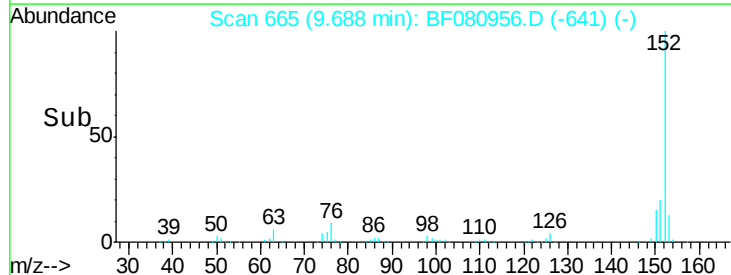
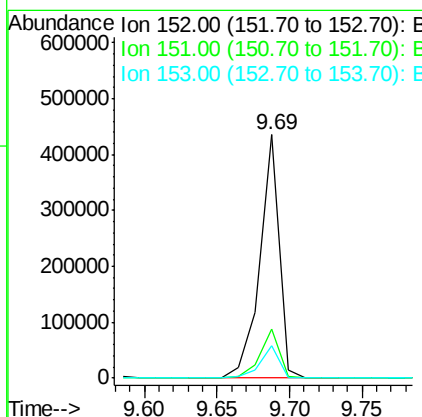
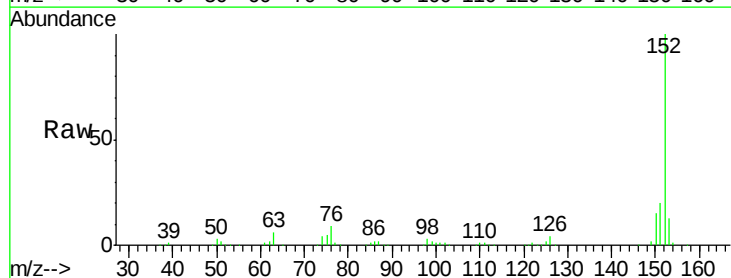
Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

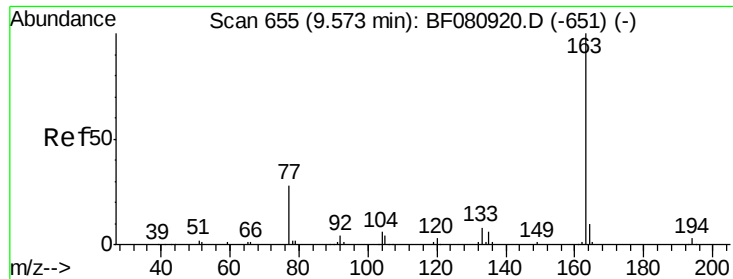
Tot Ion: 65 Resp: 91114
 Ion Ratio Lower Upper
 65 100
 92 60.1 48.0 72.0
 138 76.8 66.1 99.1



#48
 Acenaphthylene
 Concen: 21.46 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion: 152 Resp: 402194
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.3 10.5 15.7

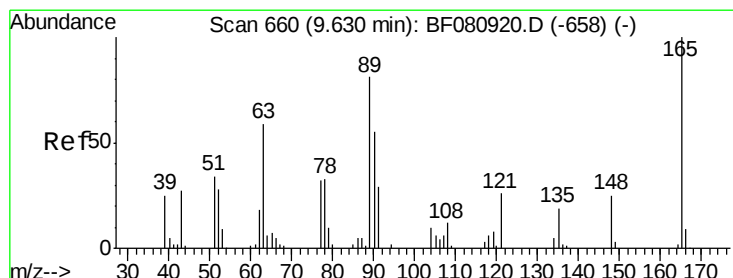
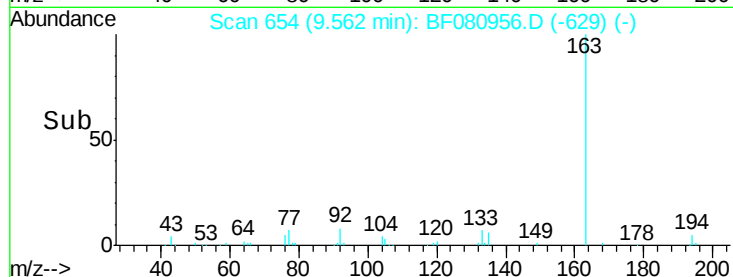
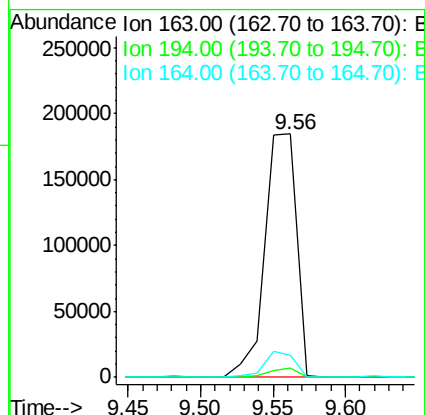
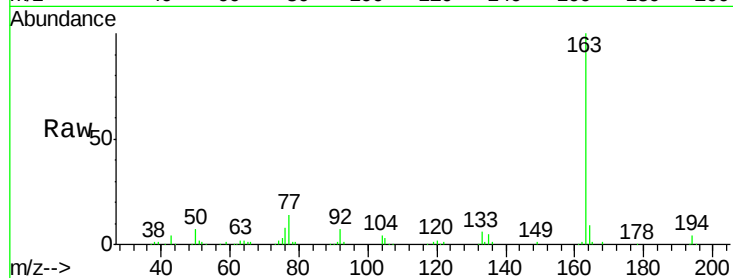




#49
Dimethylphthalate
Concen: 20.86 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

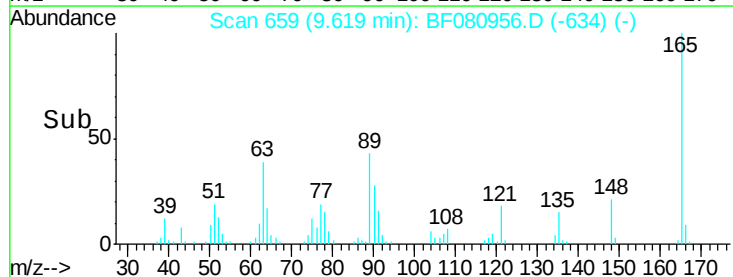
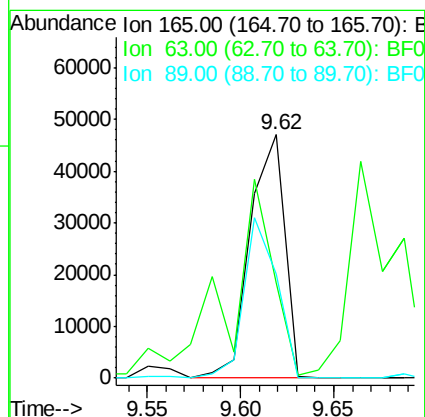
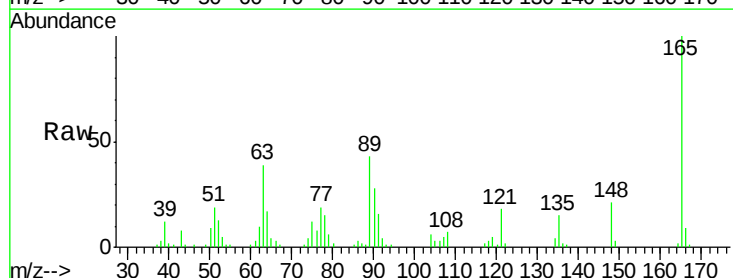
Instrument :
BNA_F
ClientSampleID :
PB84929BS

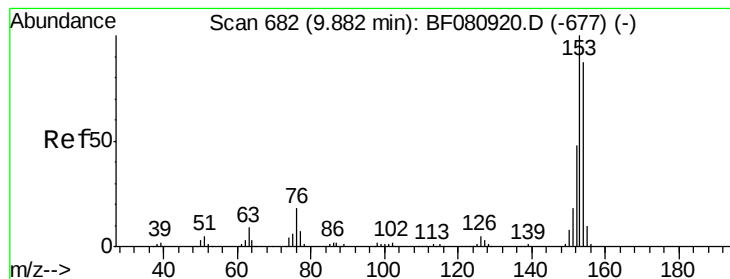
Tot Ion:163 Resp: 279097
Ion Ratio Lower Upper
163 100
194 3.9 2.4 3.6#
164 9.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 21.74 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:165 Resp: 60085
Ion Ratio Lower Upper
165 100
63 38.9 77.6 116.4#
89 42.7 64.5 96.7#





#51

Acenaphthene

Concen: 26.30 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

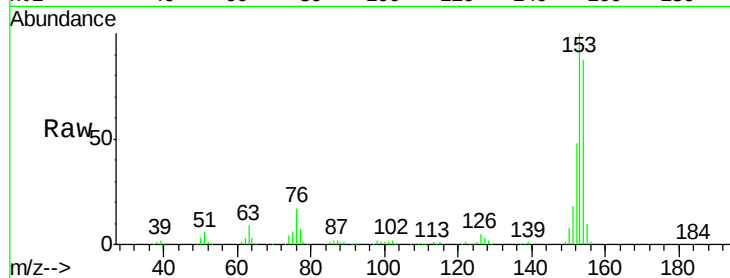
Tot Ion:154 Resp: 301817

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

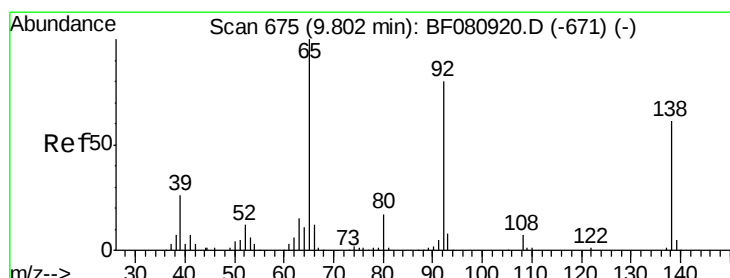
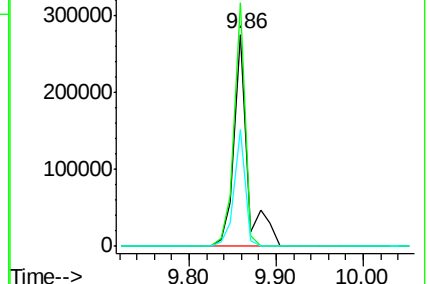
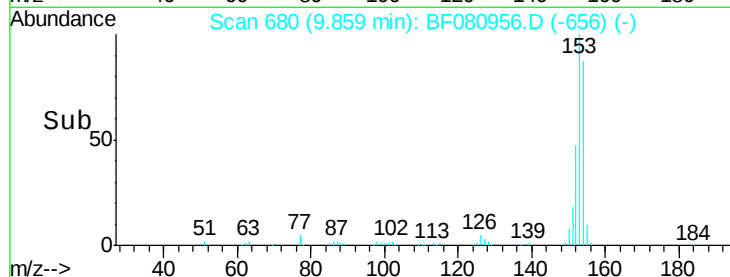
152 54.9 44.2 66.4



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: 11.14 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

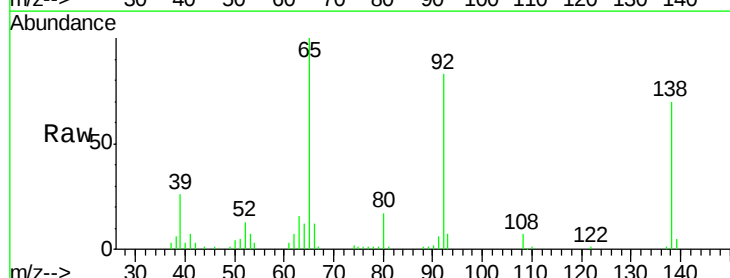
Tgt Ion:138 Resp: 37959

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

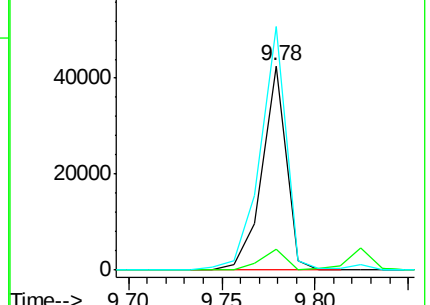
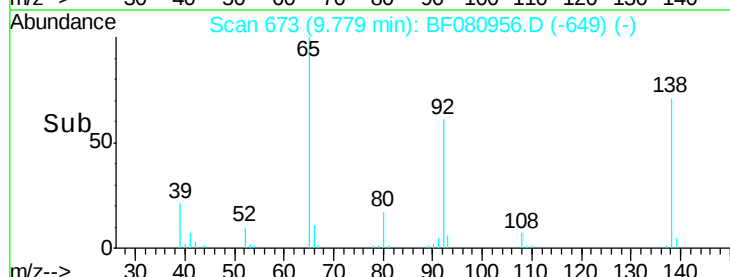
92 119.2 104.4 156.6

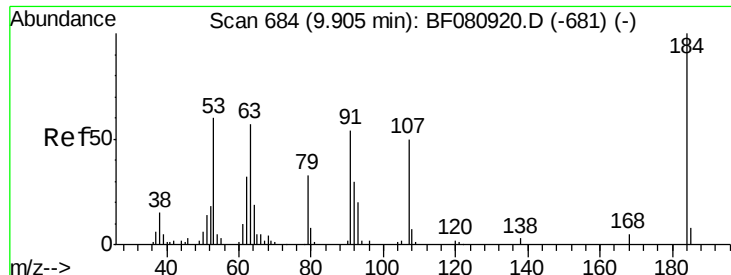


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

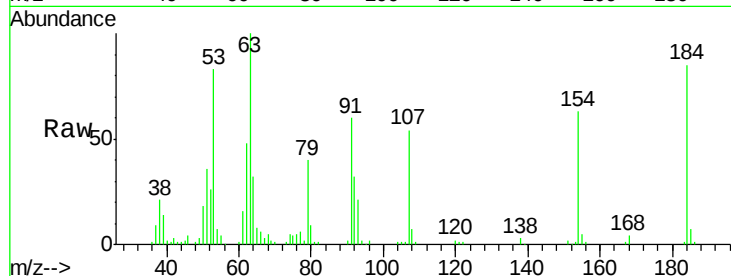




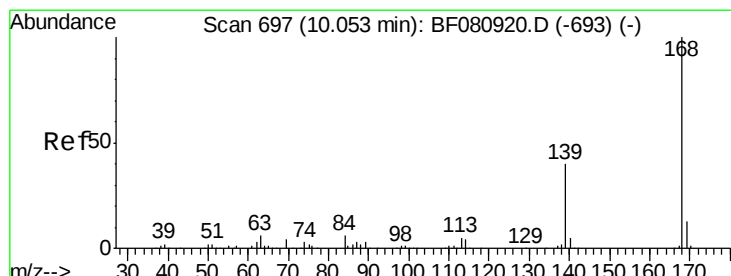
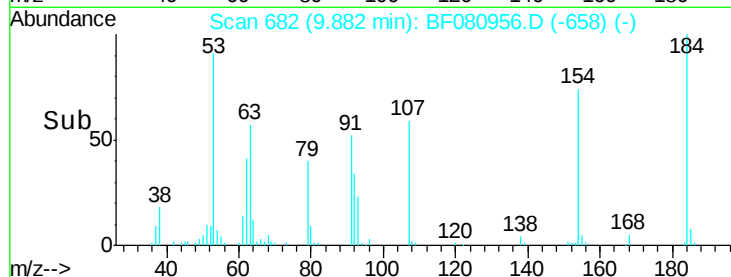
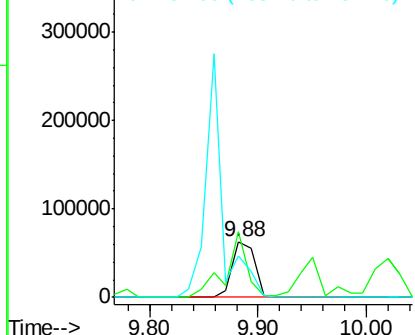
#53
 2,4-Dinitrophenol
 Concen: 55.46 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion:184 Resp: 89713
 Ion Ratio Lower Upper
 184 100
 63 118.1 59.7 89.5#
 154 74.0 53.8 80.8

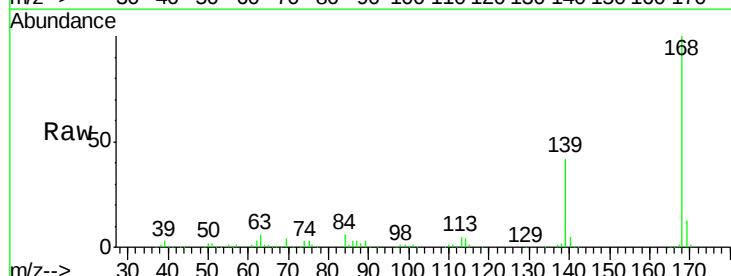


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

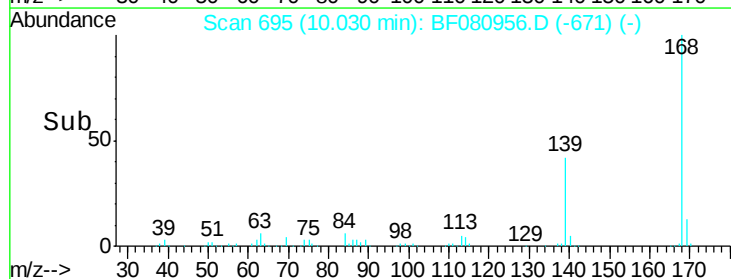
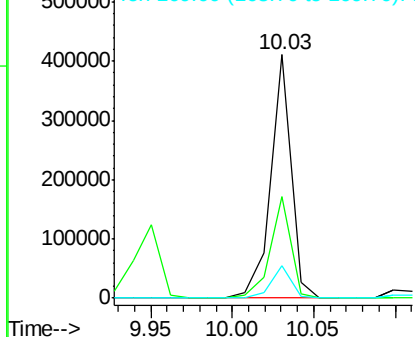


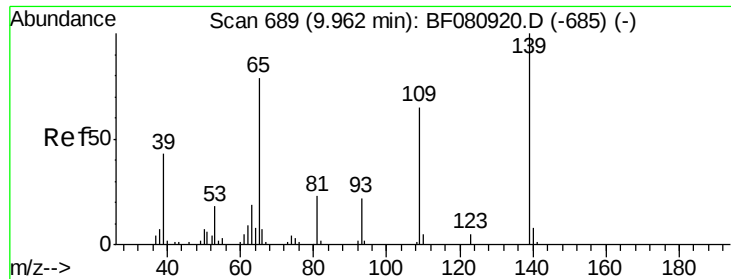
#54
 Dibenzofuran
 Concen: 23.25 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion:168 Resp: 360816
 Ion Ratio Lower Upper
 168 100
 139 41.7 31.9 47.9
 169 13.3 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: 55.68 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

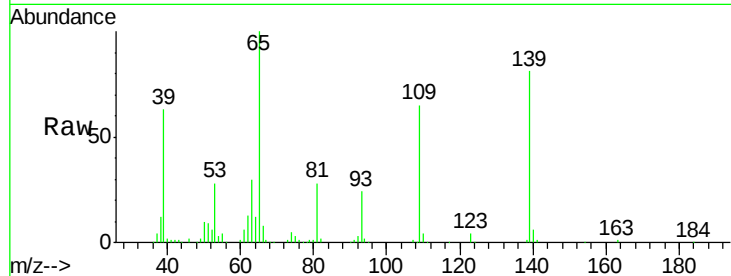
Tot Ion:139 Resp: 142029

Ion Ratio Lower Upper

139 100

109 81.2 44.7 84.7

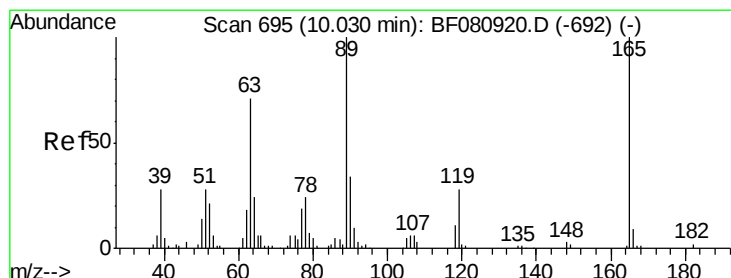
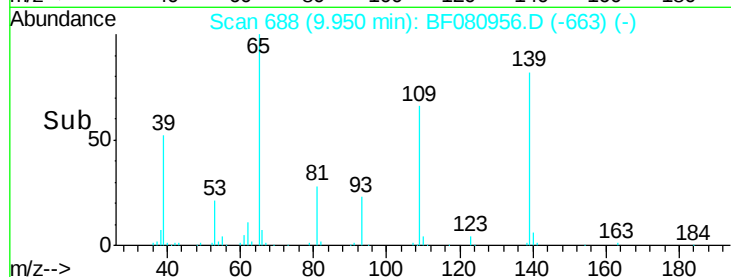
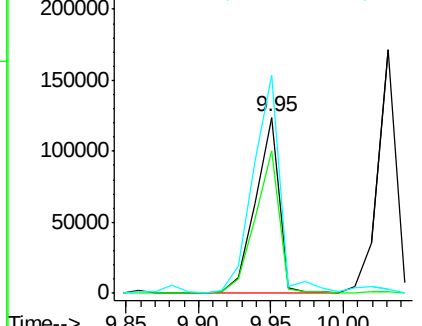
65 124.0 59.5 99.5#



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: 25.78 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Tgt Ion:165 Resp: 95347

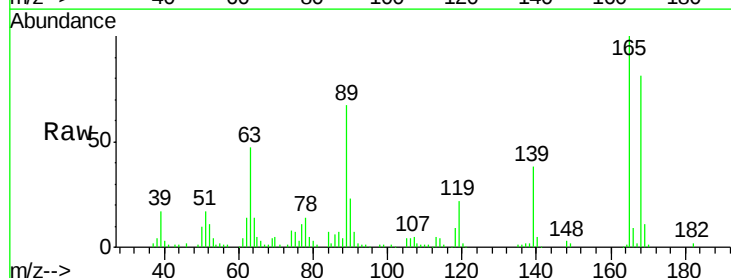
Ion Ratio Lower Upper

165 100

63 46.7 56.7 85.1#

89 66.9 80.4 120.6#

182 2.0 1.5 2.3

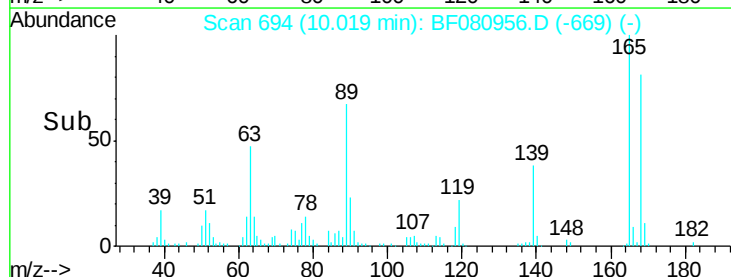
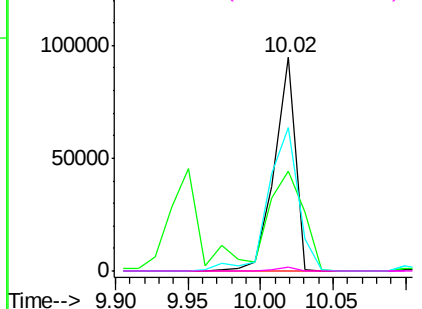


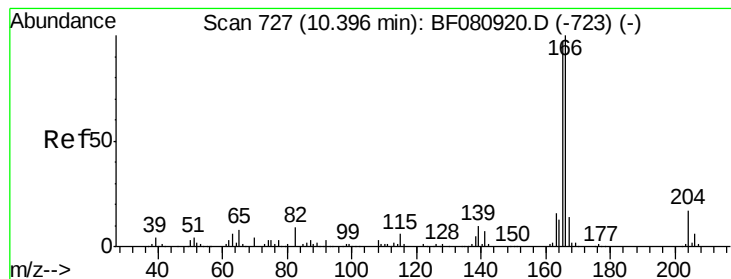
Abundance Ion 165.00 (164.70 to 165.70): E

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: 23.74 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

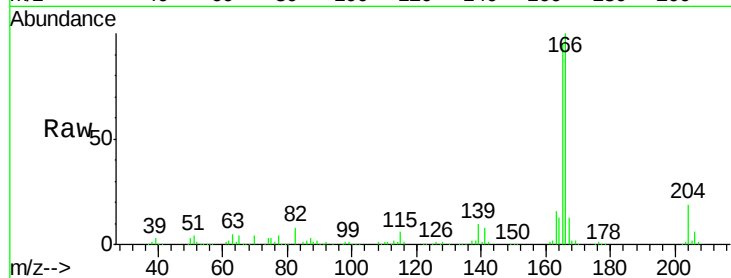
Tot Ion:166 Resp: 285001

Ion Ratio Lower Upper

166 100

165 94.6 77.2 115.8

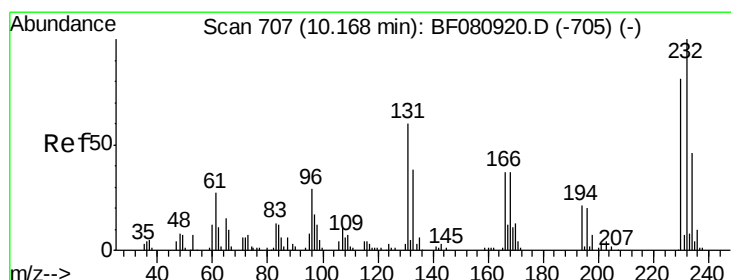
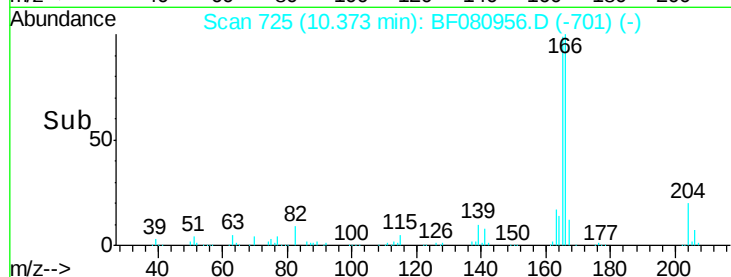
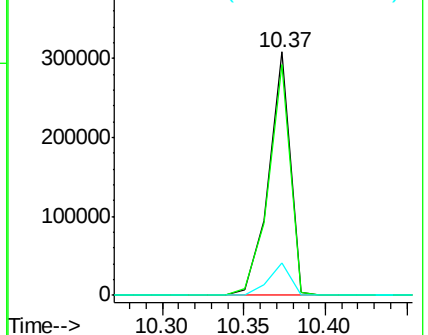
167 13.5 10.8 16.2



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: 24.02 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Tgt Ion:232 Resp: 69723

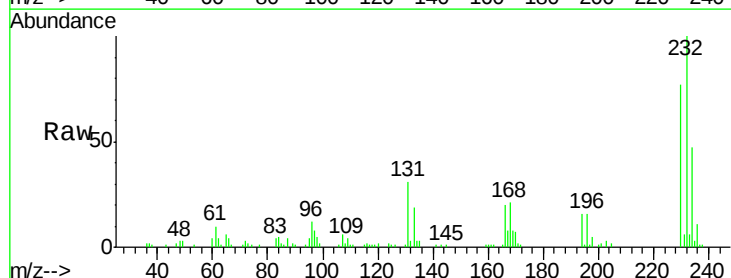
Ion Ratio Lower Upper

232 100

131 47.9 39.4 59.2

130 2.4 2.1 3.1

166 27.1 21.7 32.5

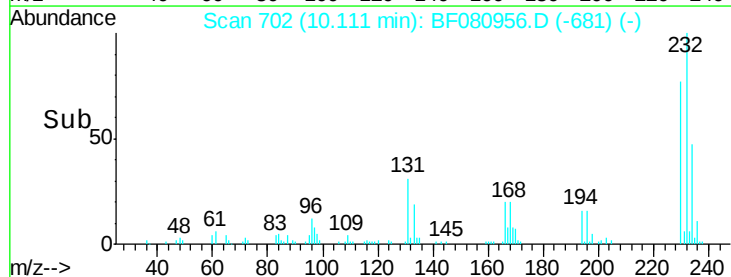
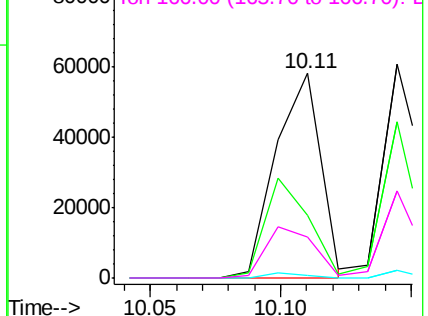


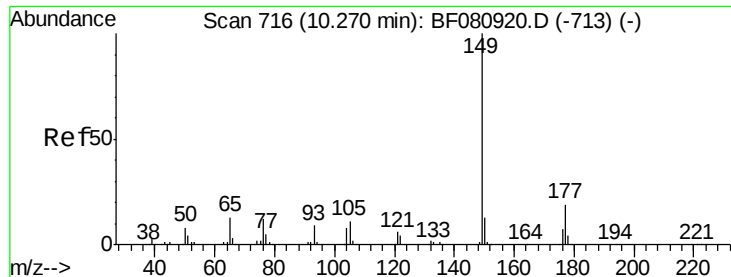
Abundance Ion 232.00 (231.70 to 232.70): E

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

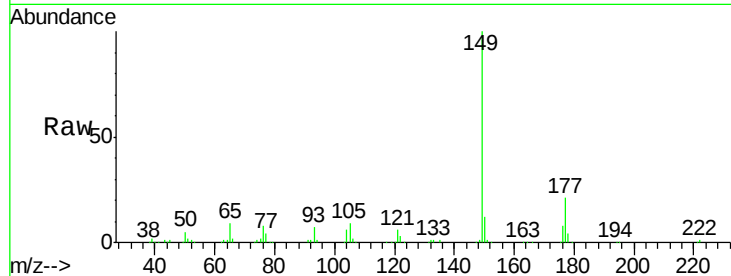




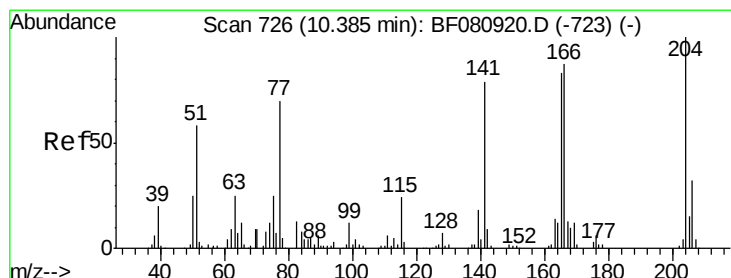
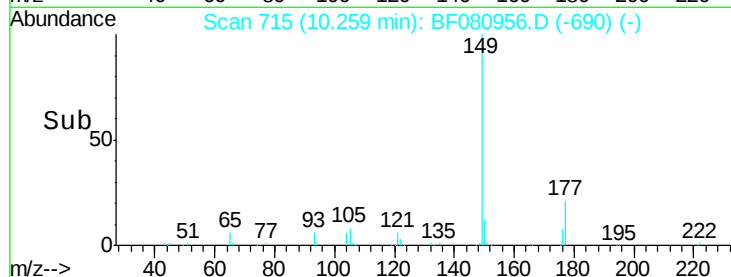
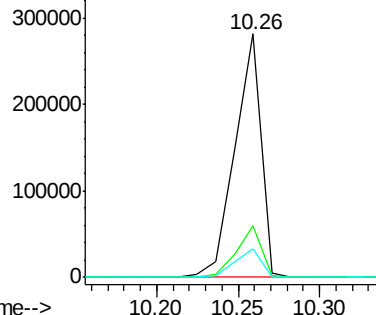
#59
Diethylphthalate
Concen: 22.55 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tot Ion:149 Resp: 314028
Ion Ratio Lower Upper
149 100
177 21.4 15.0 22.4
150 11.7 10.4 15.6

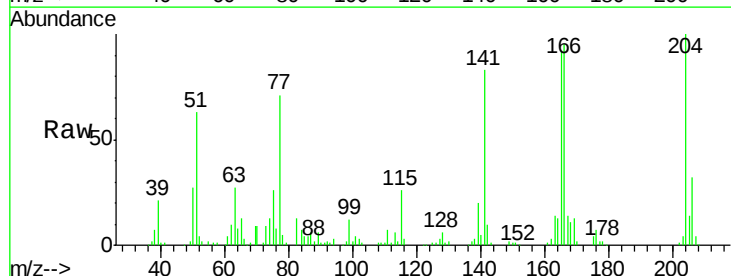


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

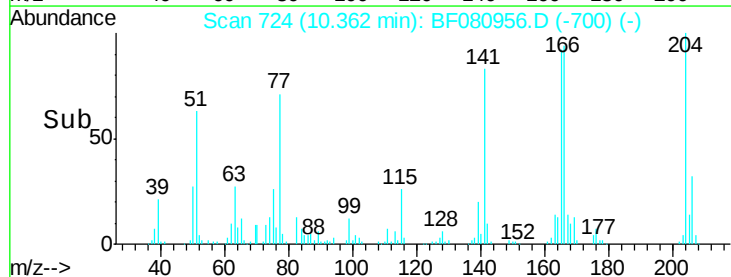
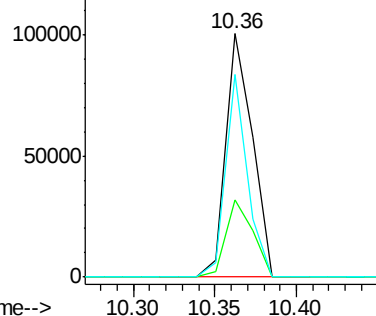


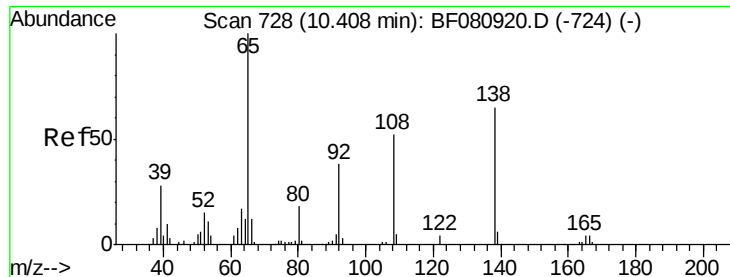
#60
4-Chlorophenyl-phenylether
Concen: 19.50 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:204 Resp: 114044
Ion Ratio Lower Upper
204 100
206 31.6 25.5 38.3
141 83.2 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

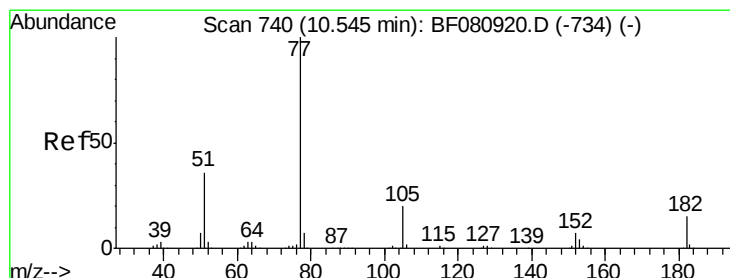
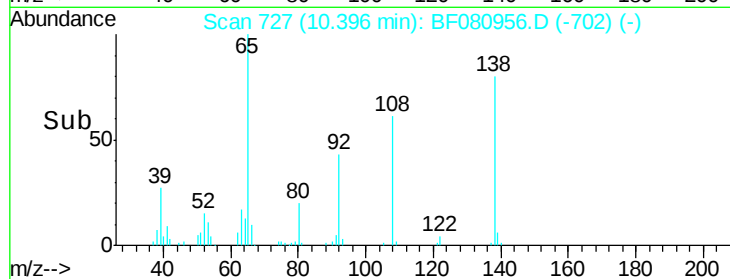
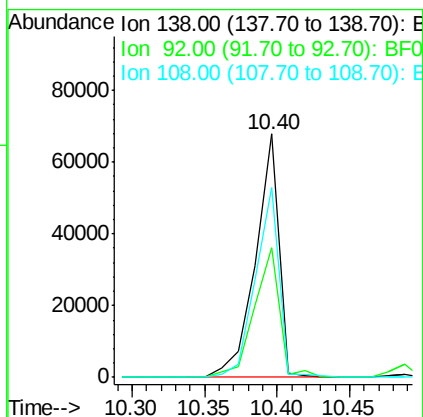
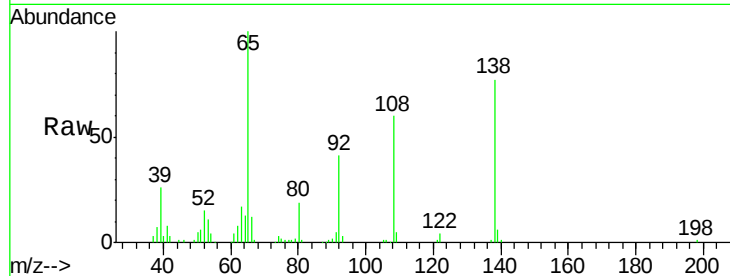




#61
4-Nitroaniline
Concen: 21.63 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

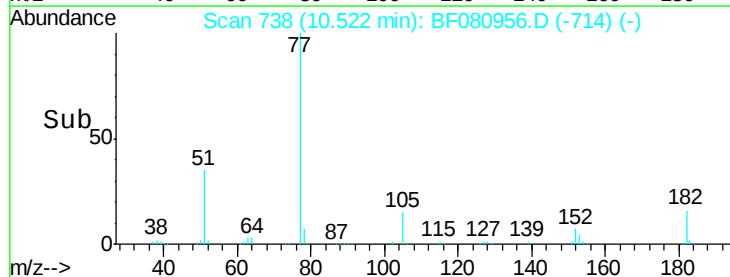
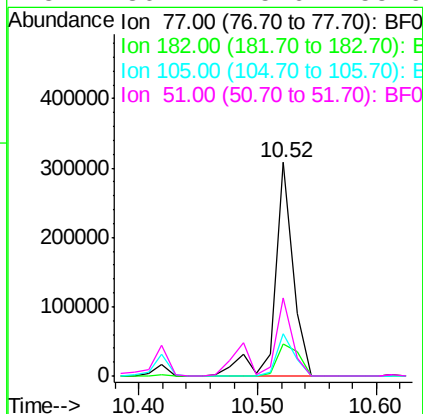
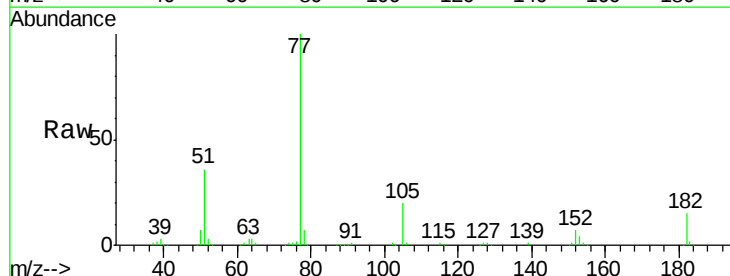
Instrument :
BNA_F
ClientSampleId :
PB84929BS

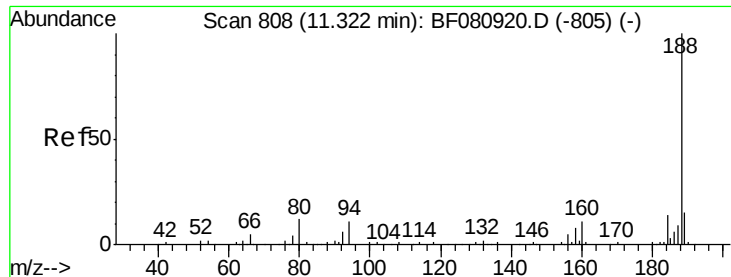
Tot Ion:138 Resp: 75858
Ion Ratio Lower Upper
138 100
92 53.2 38.1 78.1
108 77.9 59.9 99.9



#62
Azobenzene
Concen: 21.25 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion: 77 Resp: 331000
Ion Ratio Lower Upper
77 100
182 15.1 0.0 35.5
105 19.6 0.5 40.5
51 36.4 15.6 55.6

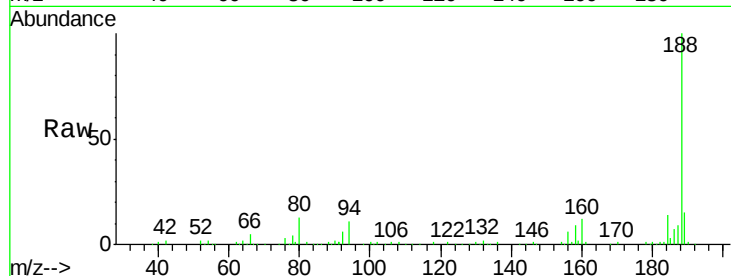




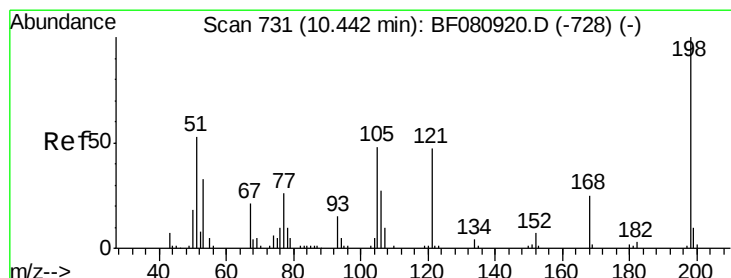
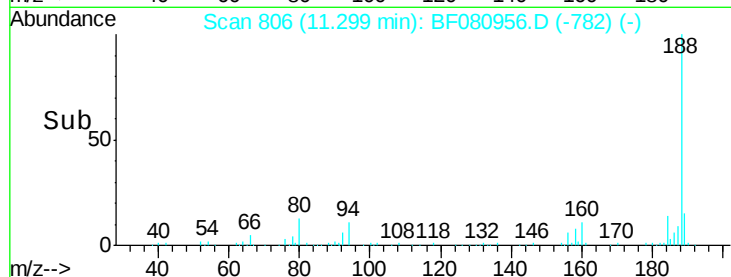
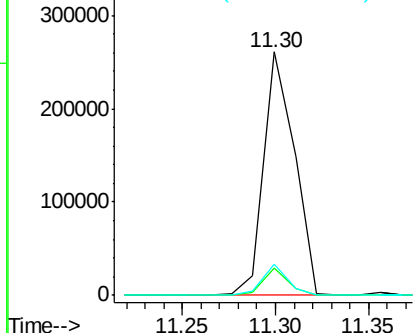
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tot Ion:188 Resp: 297279
Ion Ratio Lower Upper
188 100
94 11.4 8.8 13.2
80 12.6 9.5 14.3

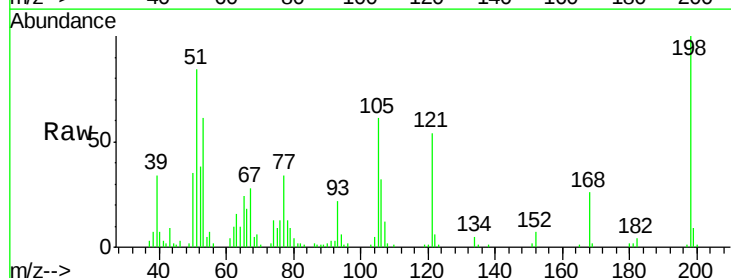


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

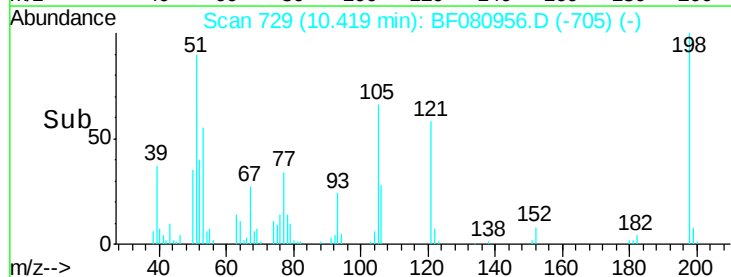
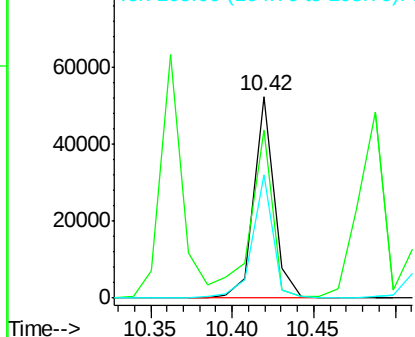


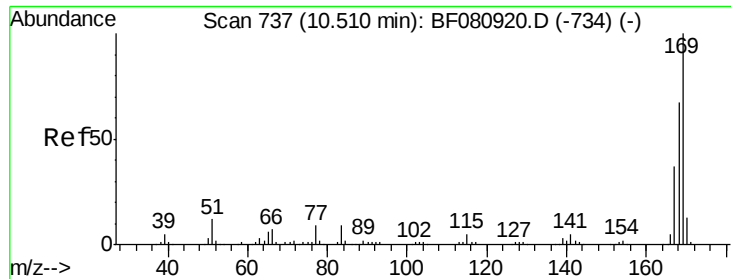
#64
4,6-Dinitro-2-methylphenol
Concen: 24.68 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:198 Resp: 45471
Ion Ratio Lower Upper
198 100
51 83.6 40.3 80.3#
105 60.9 29.6 69.6



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

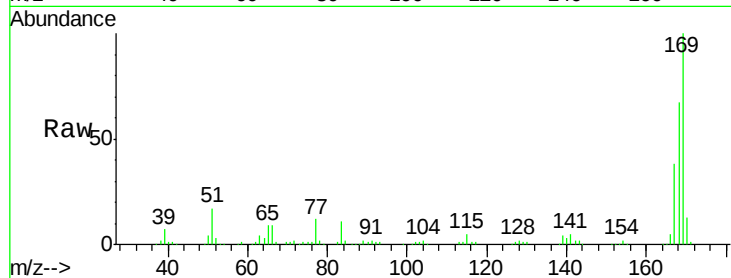




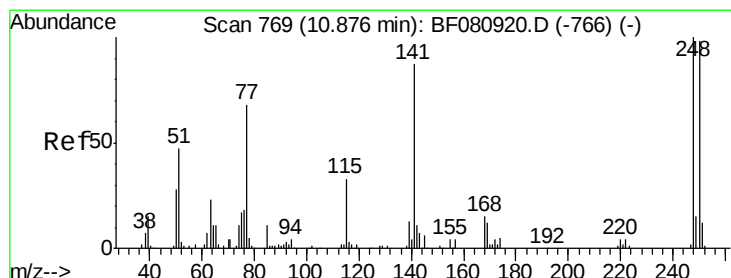
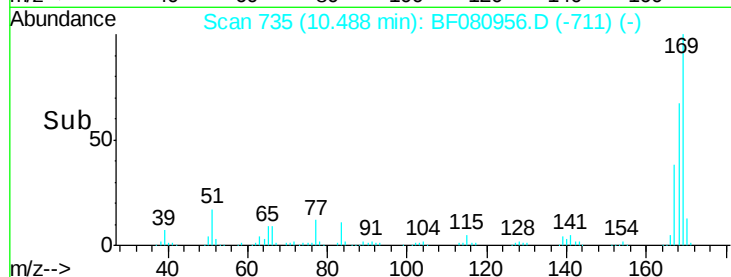
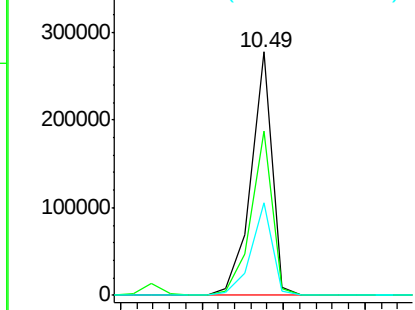
#65
 n-Nitrosodiphenylamine
 Concen: 24.27 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion:169 Resp: 250657
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.7 80.5
 167 37.9 29.3 43.9

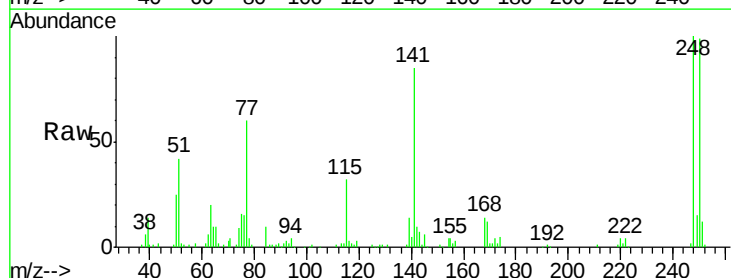


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

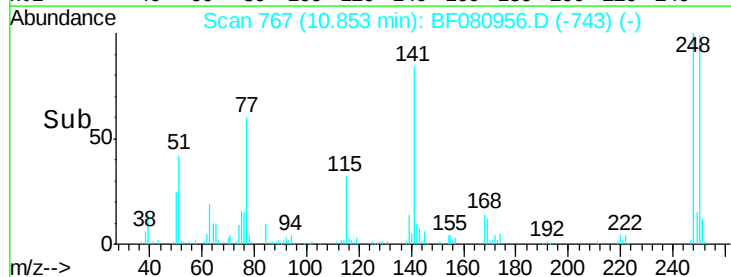
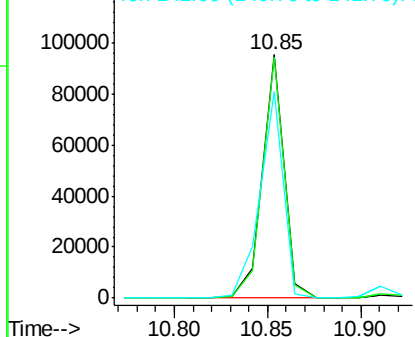


#66
 4-Bromophenyl-phenylether
 Concen: 24.80 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion:248 Resp: 78095
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.1 117.1
 141 84.6 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

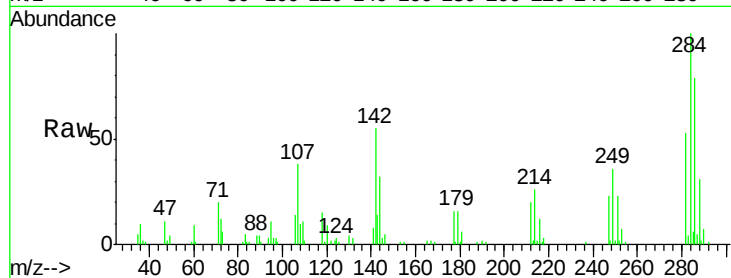




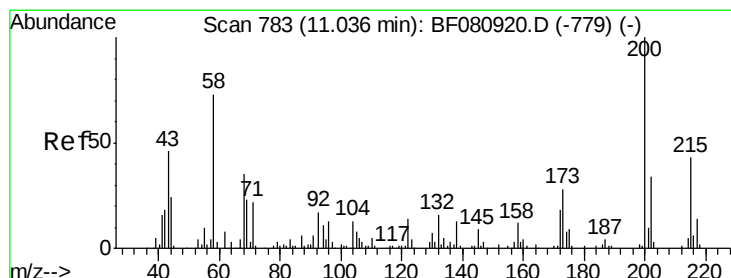
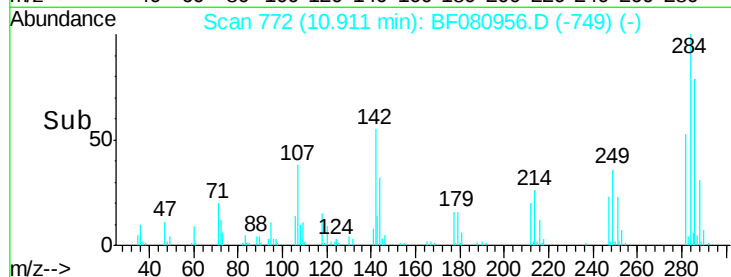
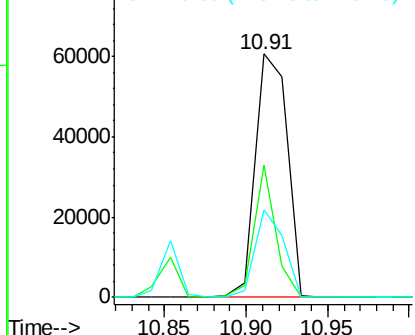
#67
Hexachlorobenzene
Concen: 23.53 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tot Ion:284 Resp: 82356
Ion Ratio Lower Upper
284 100
142 54.6 12.8 19.2#
249 36.0 22.5 33.7#

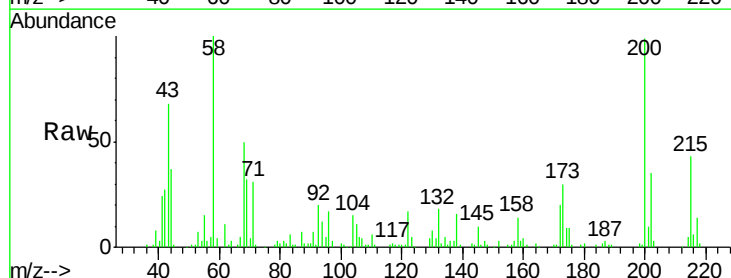


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

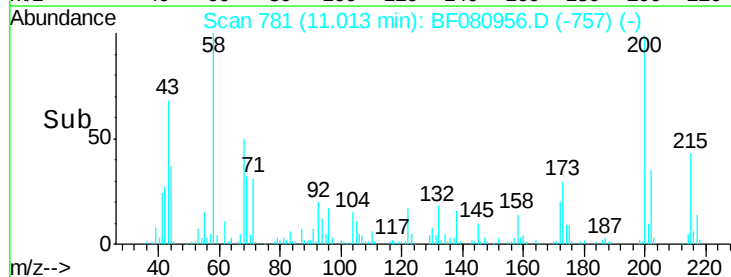
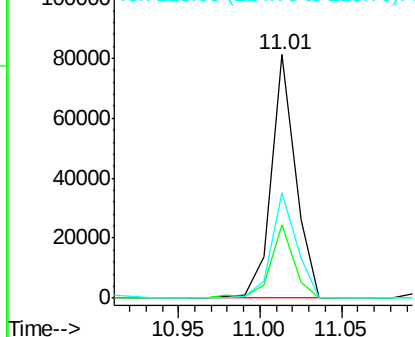


#68
Atrazine
Concen: 27.73 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:200 Resp: 83958
Ion Ratio Lower Upper
200 100
173 30.3 8.4 48.4
215 43.1 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

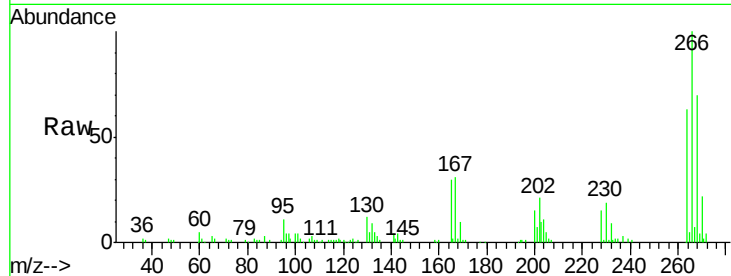




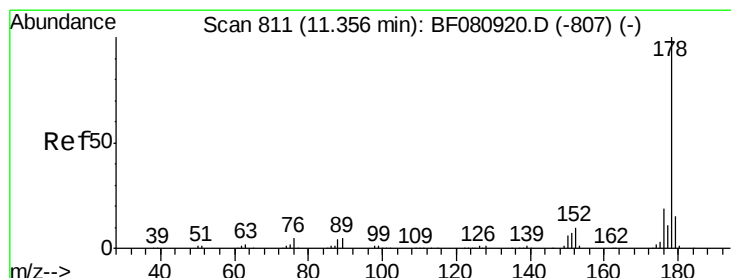
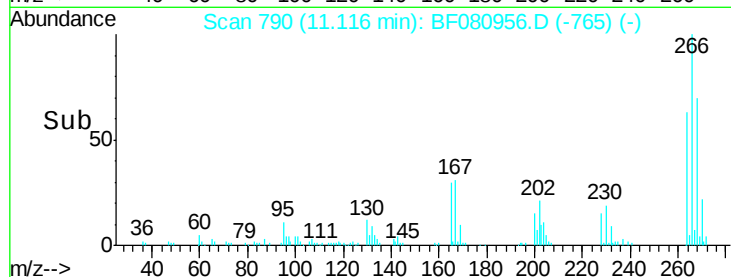
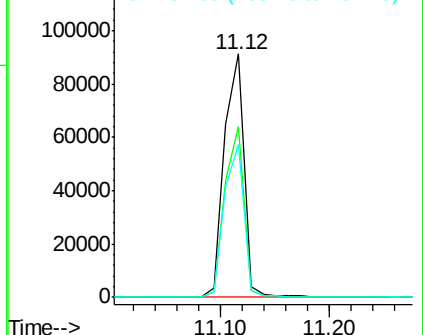
#69
 Pentachlorophenol
 Concen: 56.26 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion:266 Resp: 114513
 Ion Ratio Lower Upper
 266 100
 268 70.0 51.6 77.4
 264 62.8 50.1 75.1

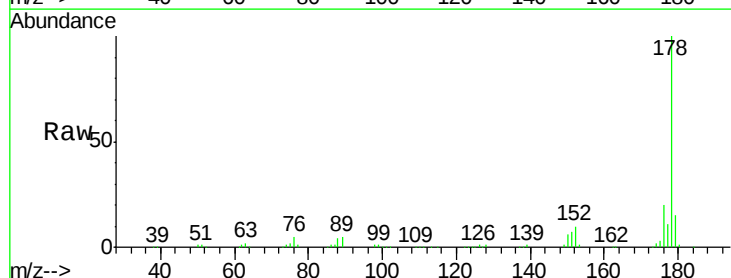


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

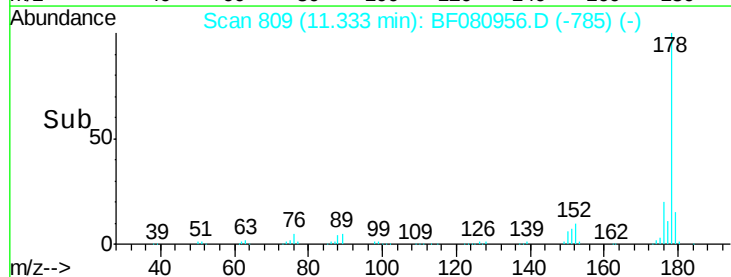
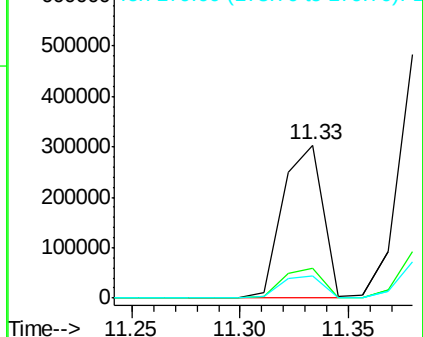


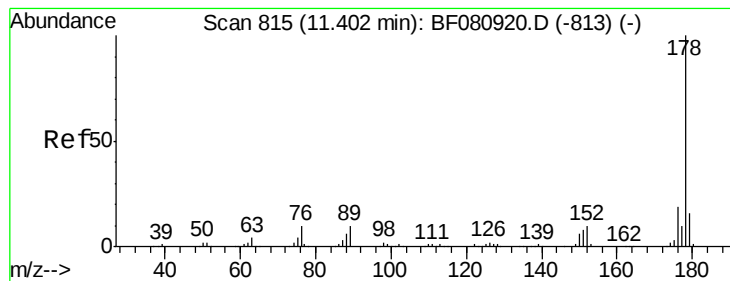
#70
 Phenanthrene
 Concen: 23.17 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion:178 Resp: 390020
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 14.8 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: 24.85 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

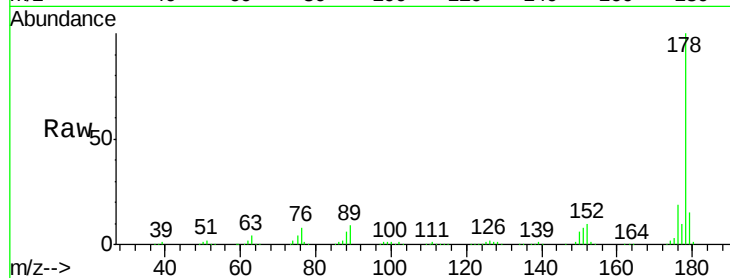
Tot Ion:178 Resp: 414156

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

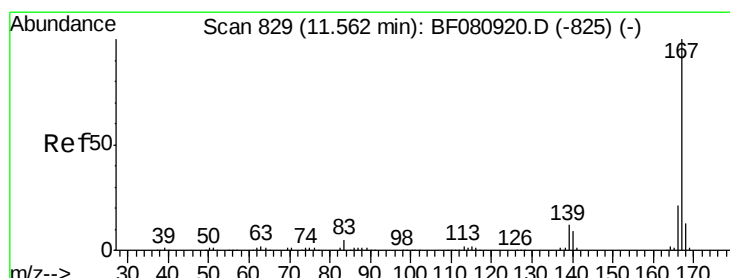
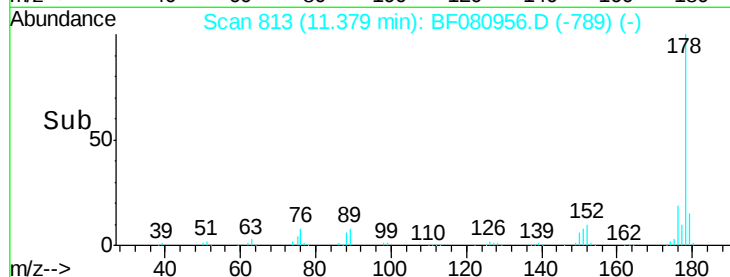
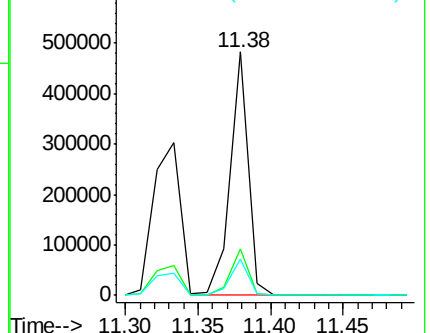
179 15.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 23.30 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

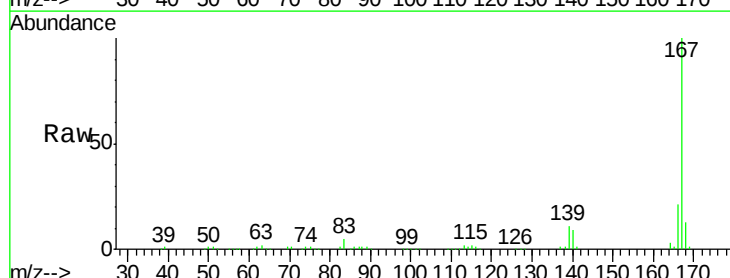
Tgt Ion:167 Resp: 377980

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

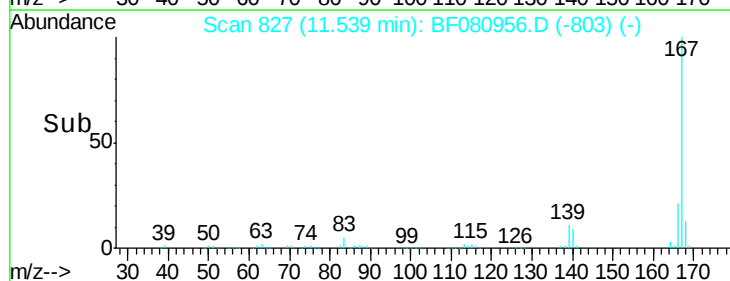
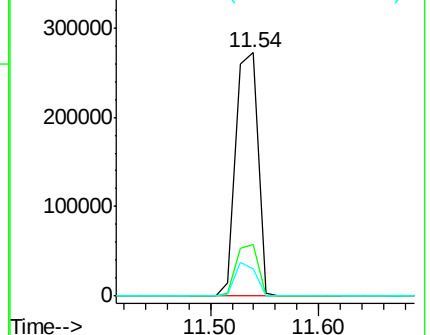
139 11.3 9.2 13.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

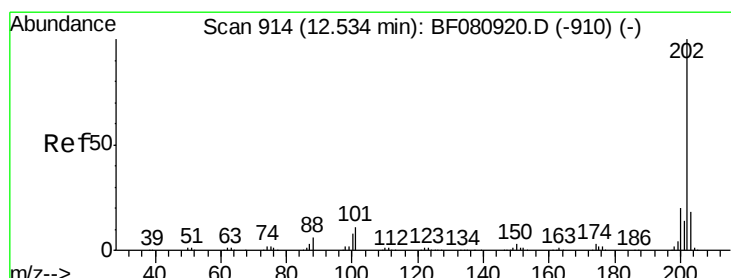
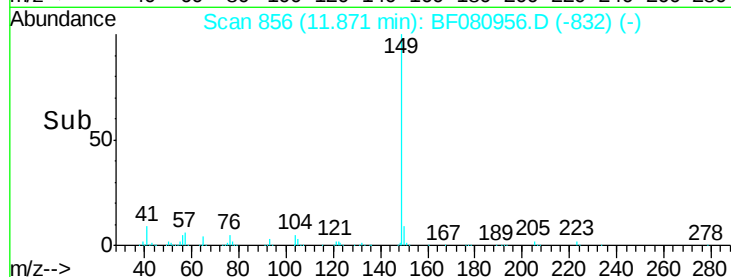
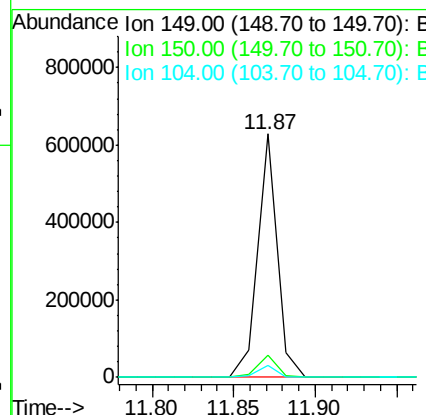
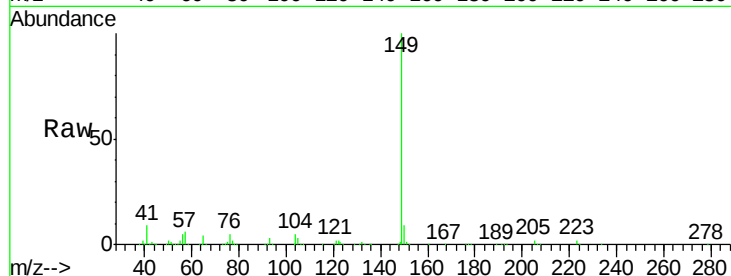




#73
Di-n-butylphthalate
Concen: 25.87 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

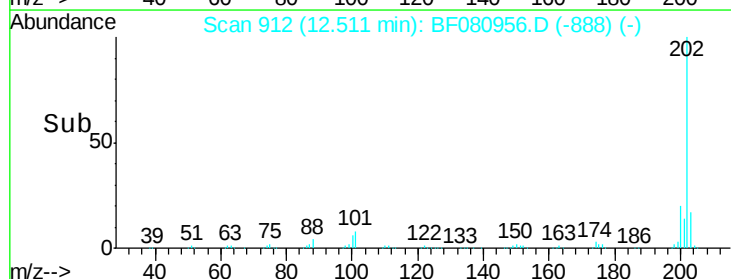
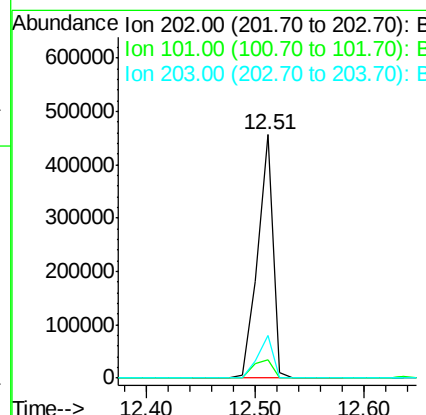
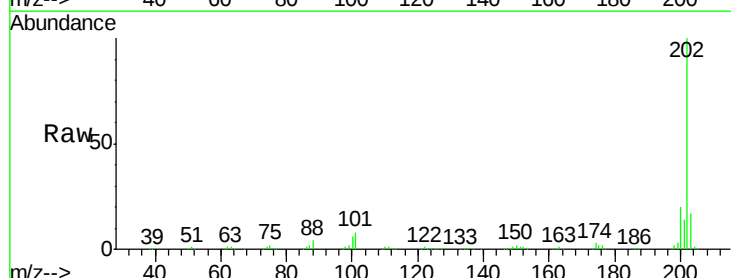
Instrument :
BNA_F
ClientSampleId :
PB84929BS

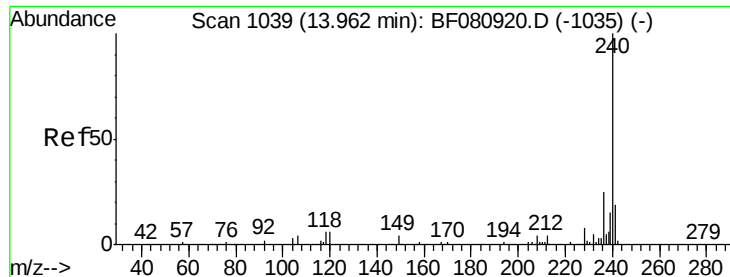
Tot Ion:149 Resp: 524969
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 5.1 4.4 6.6



#74
Fluoranthene
Concen: 24.68 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:202 Resp: 449072
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.5
203 17.4 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

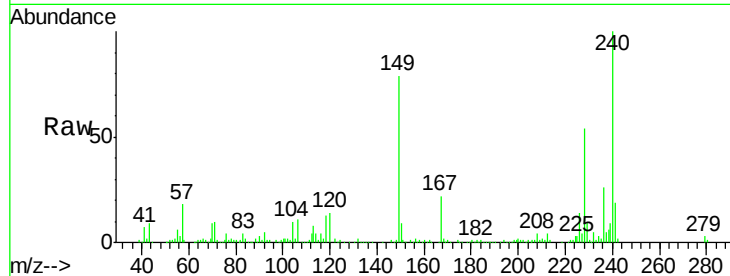
Tot Ion:240 Resp: 225247

Ion Ratio Lower Upper

240 100

120 14.5 5.2 7.8#

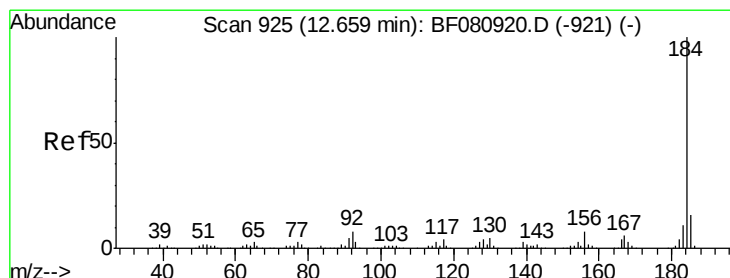
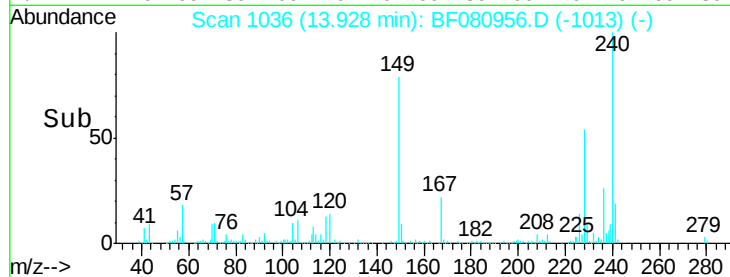
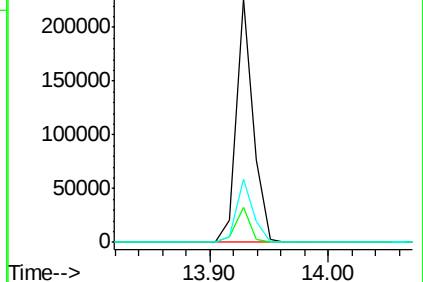
236 26.1 20.2 30.4



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: 24.70 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

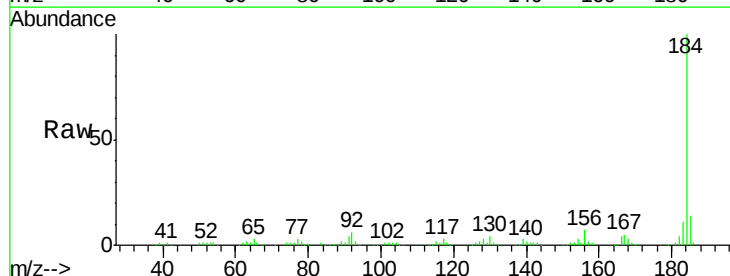
Tgt Ion:184 Resp: 278258

Ion Ratio Lower Upper

184 100

185 13.8 13.0 19.4

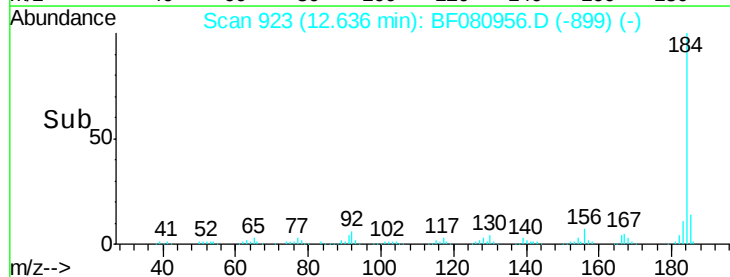
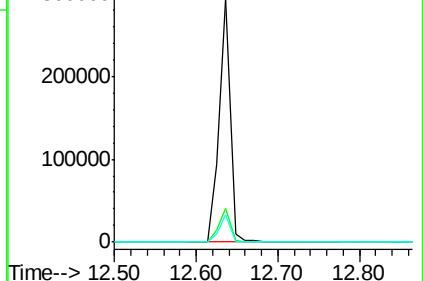
183 11.2 8.7 13.1

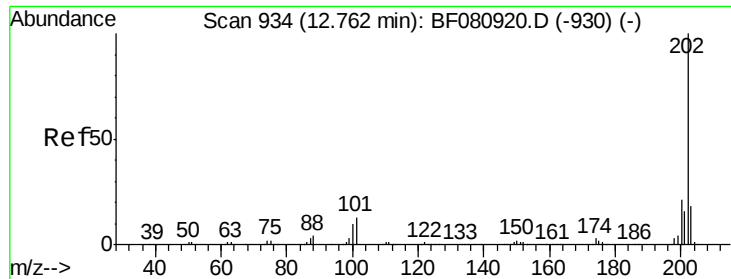


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

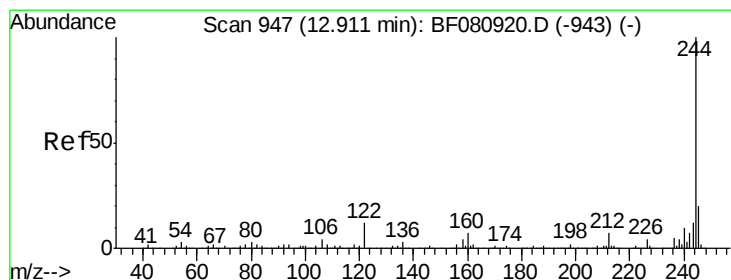
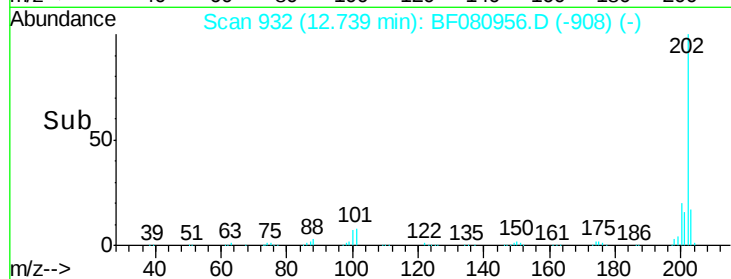
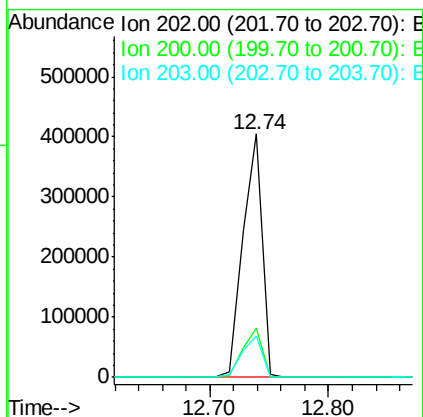
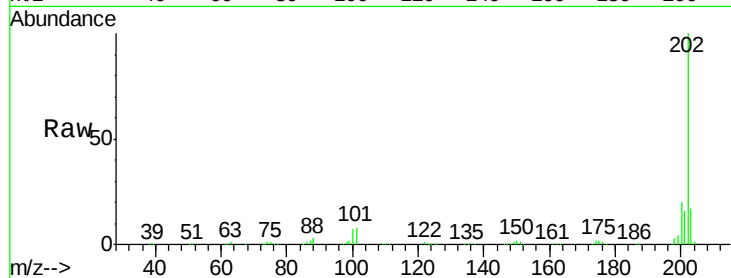




#77
Pvrene
Concen: 27.52 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

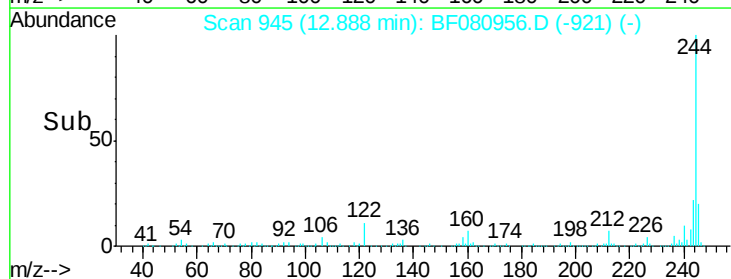
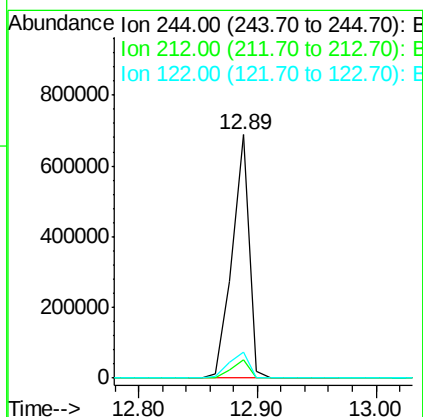
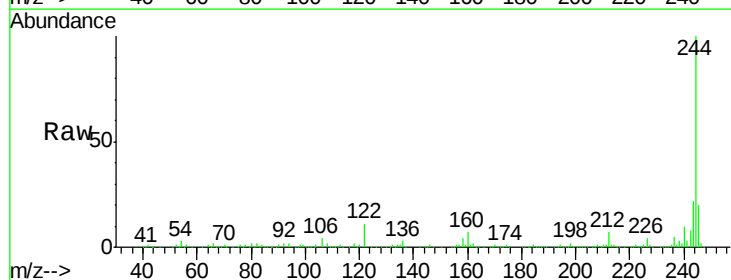
Instrument :
BNA_F
ClientSampleId :
PB84929BS

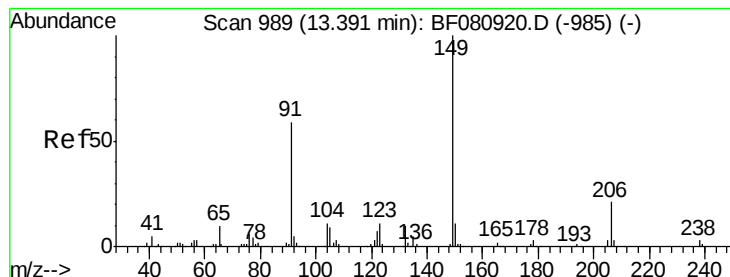
Tot Ion:202 Resp: 457920
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.0 14.2 21.2



#78
Terphenyl-d14
Concen: 62.76 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:244 Resp: 684363
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.6 9.4 14.2





#79

Butylbenzylphthalate

Concen: 24.41 ng

RT: 13.36 min Scan# 986

Delta R.T. -0.03 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

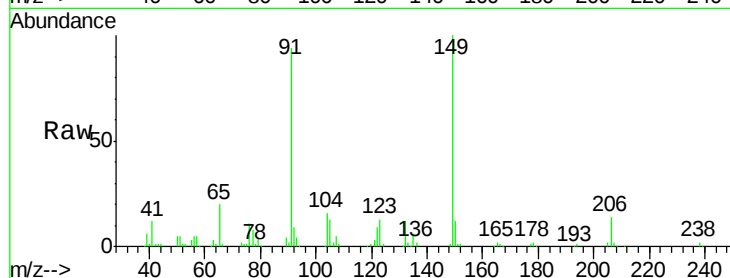
Tot Ion:149 Resp: 195839

Ion Ratio Lower Upper

149 100

91 93.7 47.2 70.8#

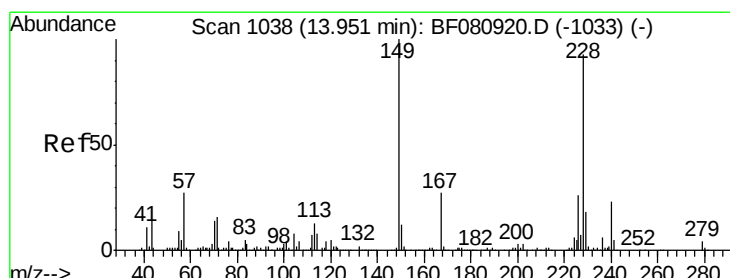
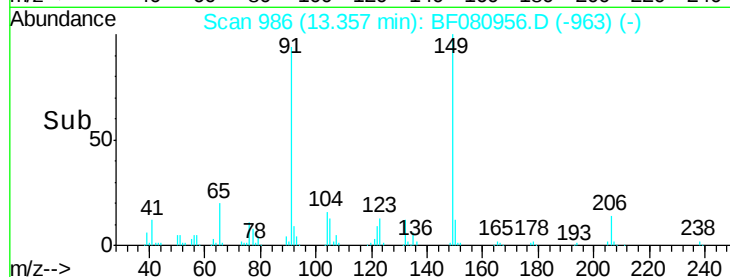
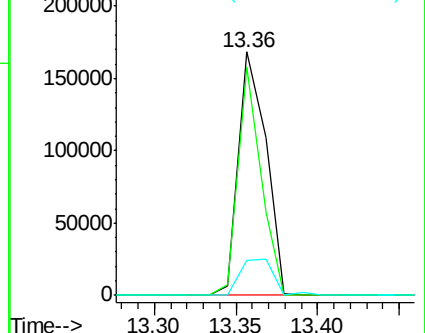
206 14.3 16.5 24.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 25.36 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

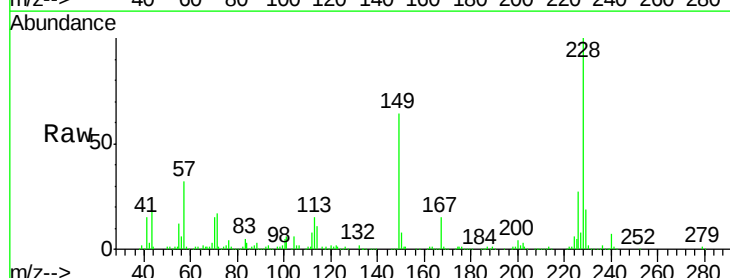
Tgt Ion:228 Resp: 360881

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

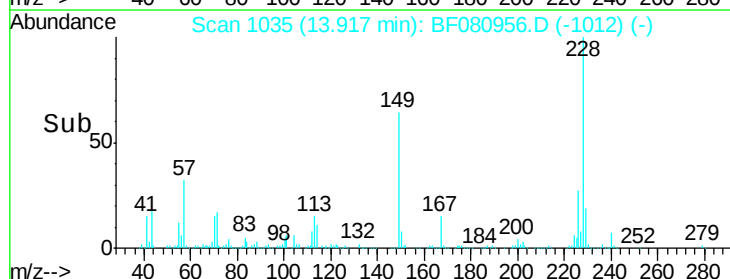
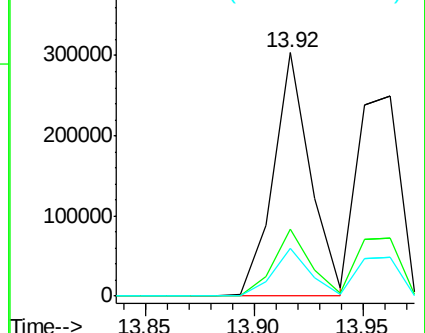
229 19.5 15.8 23.6

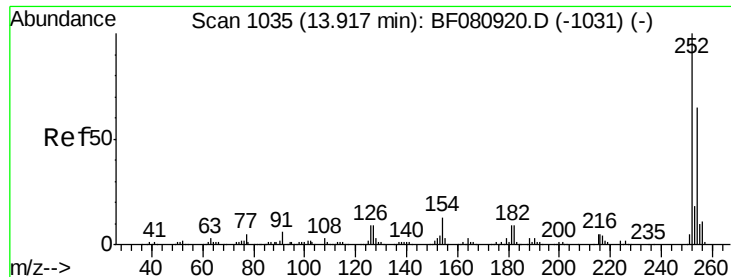


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

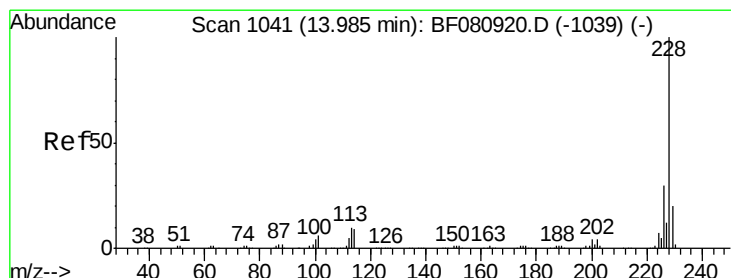
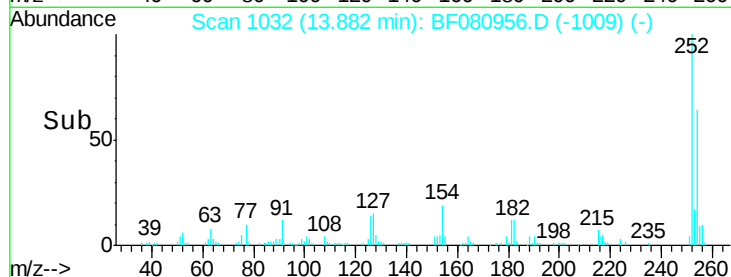
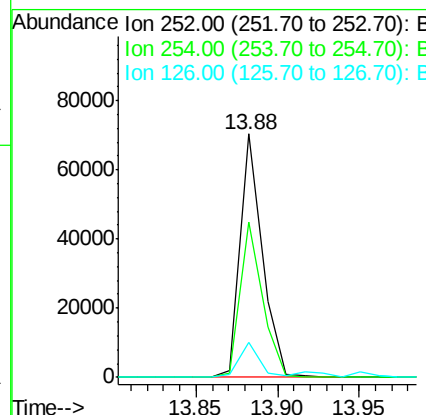
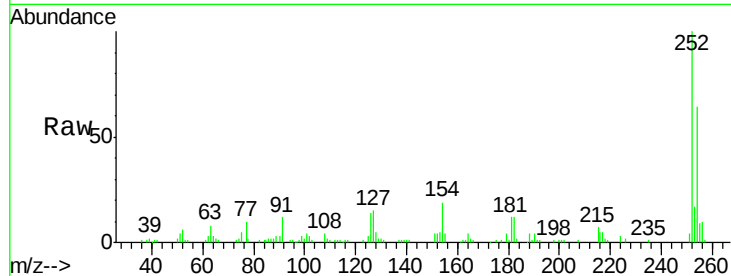




#81
 3,3'-Dichlorobenzidine
 Concen: 12.68 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

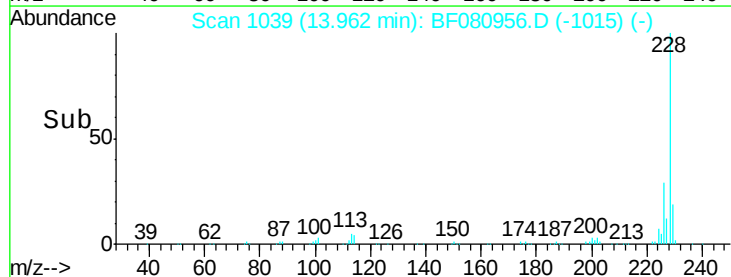
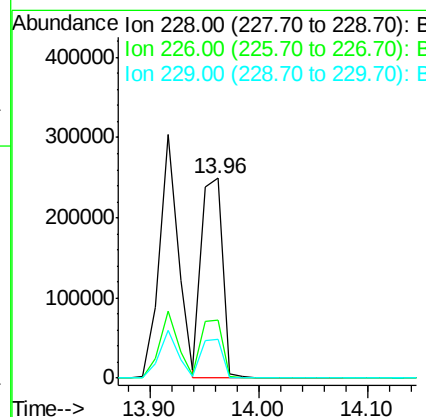
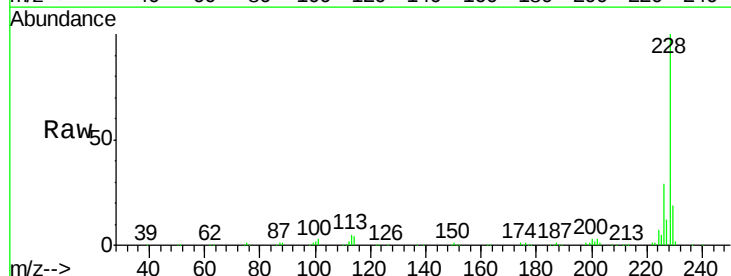
Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

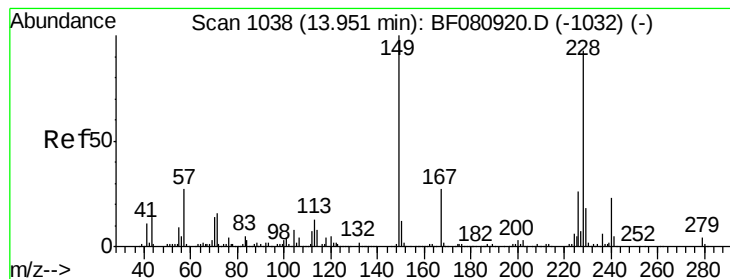
Tot Ion:252 Resp: 65633
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.7 77.5
 126 14.3 7.1 10.7#



#82
 Chrysene
 Concen: 25.07 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion:228 Resp: 341584
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.9 35.9
 229 19.3 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.44 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

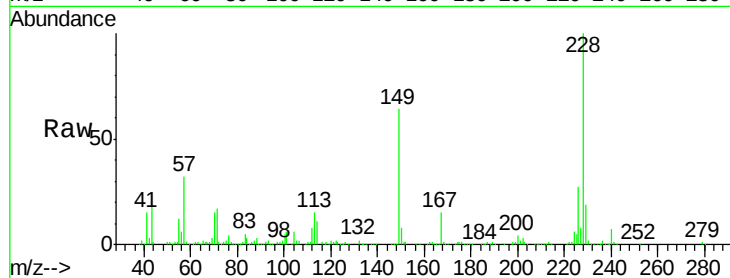
Tot Ion:149 Resp: 261680

Ion Ratio Lower Upper

149 100

167 24.0 21.4 32.0

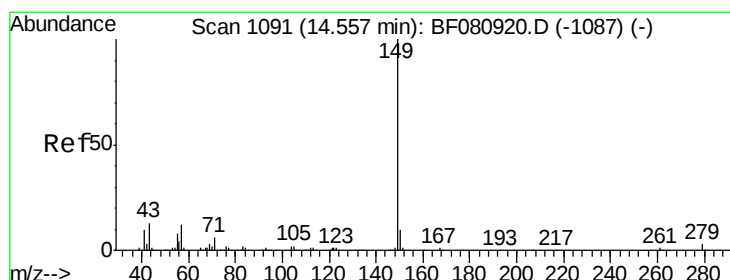
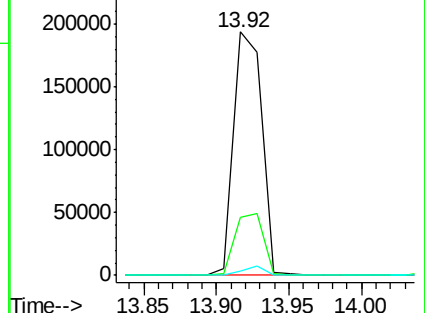
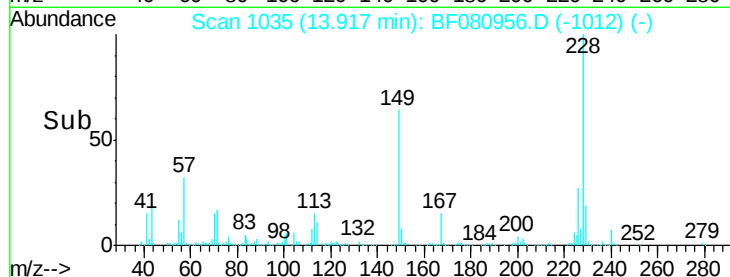
279 1.8 2.9 4.3#



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: 26.38 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

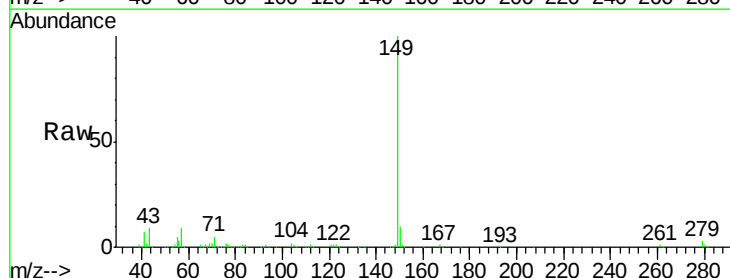
Tgt Ion:149 Resp: 499256

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

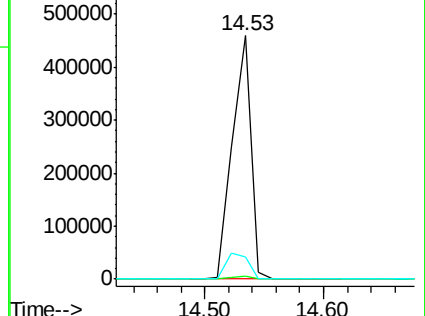
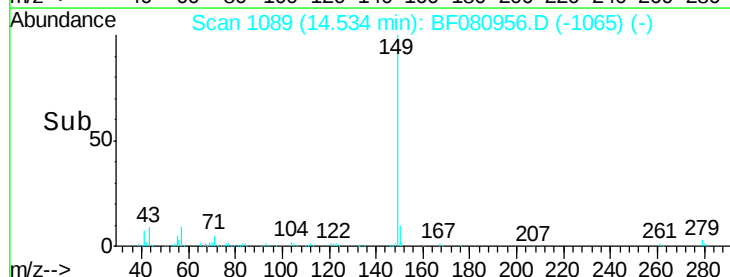
43 13.1 11.0 16.4



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

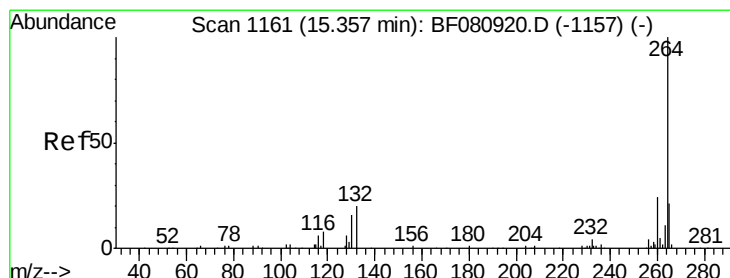
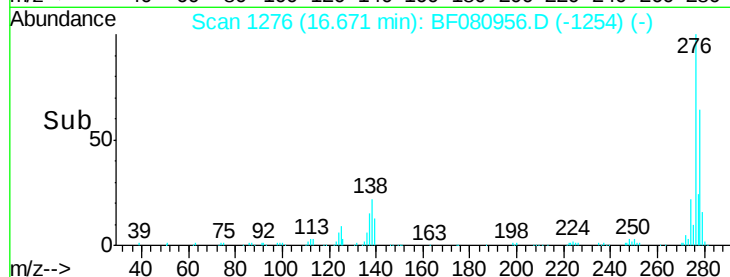
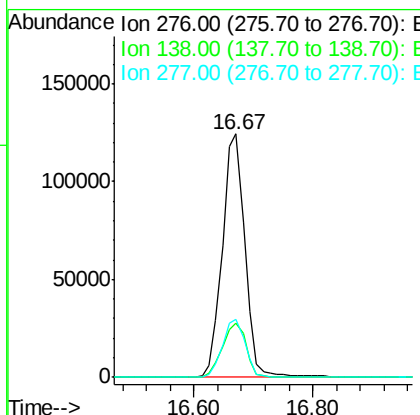
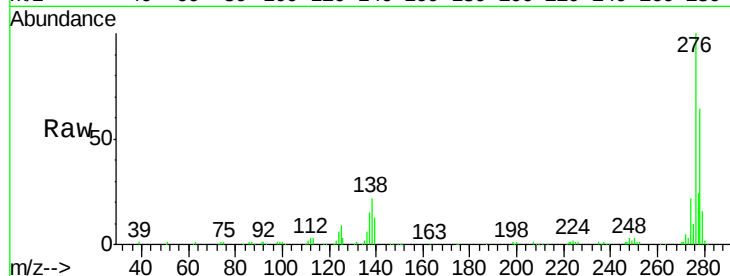




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.34 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080956.D
 Acq: 10 Aug 2015 17:35

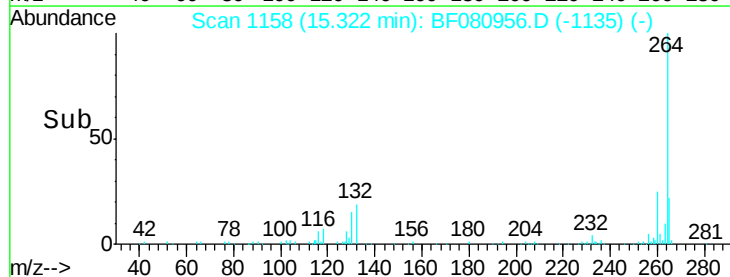
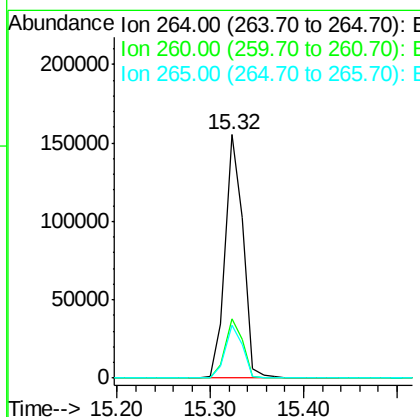
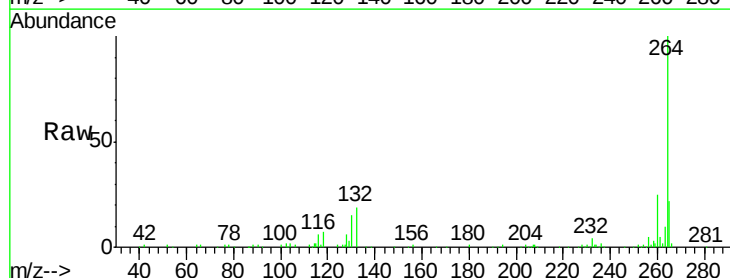
Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.9	29.9
277	24.2	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: BF080956.D
 Acq: 10 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.9	17.0	25.4

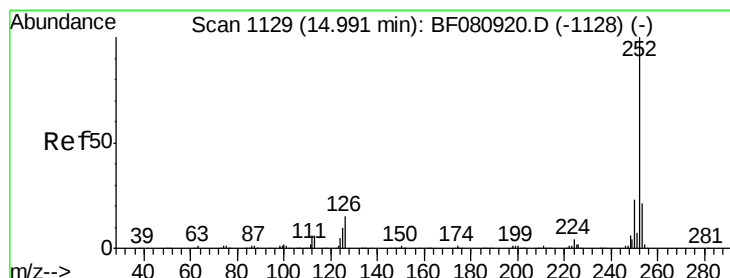
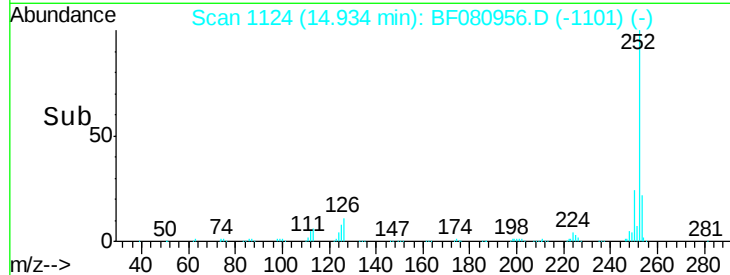
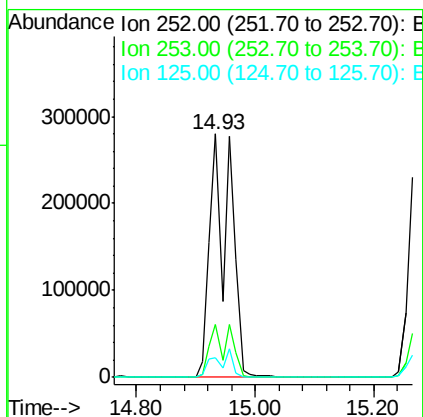
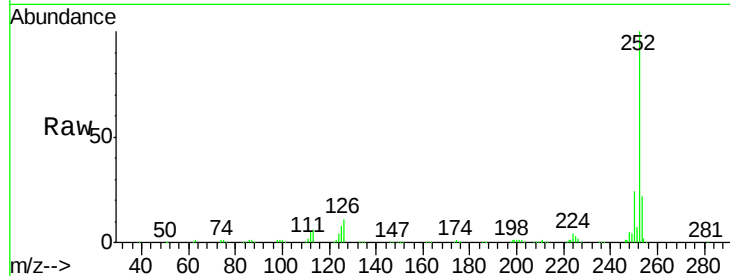




#87
Benzo(b)fluoranthene
Concen: 46.09 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

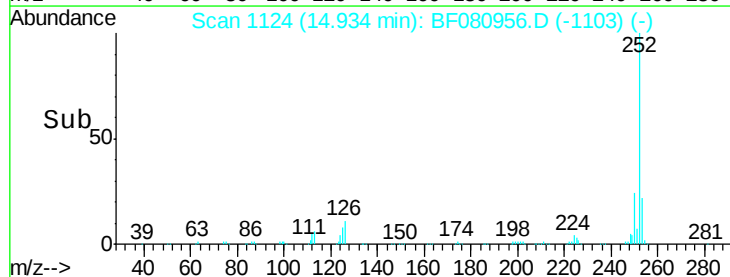
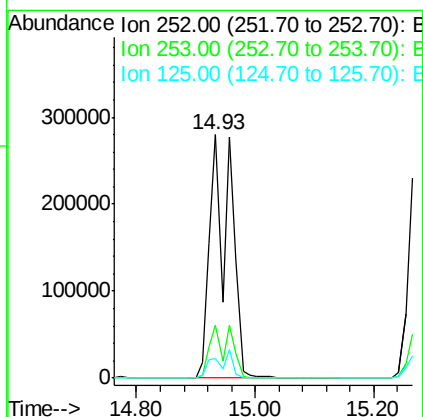
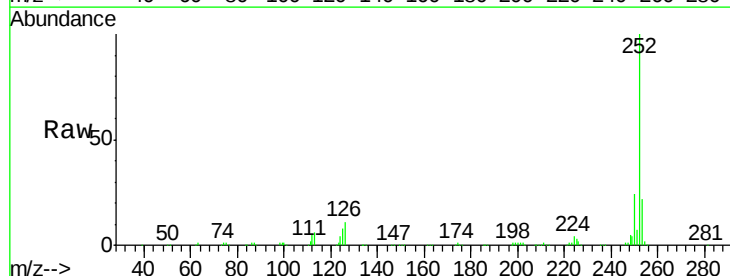
Instrument :
BNA_F
ClientSampleId :
PB84929BS

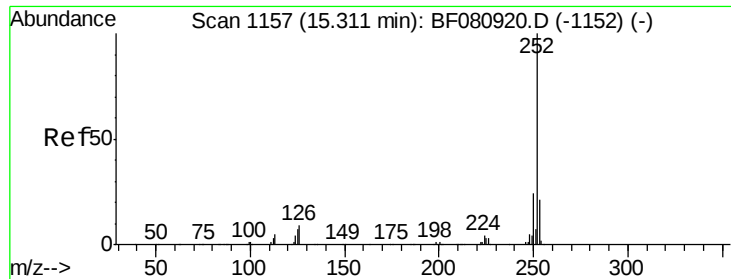
Tot Ion:252 Resp: 669229
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 7.8 6.1 9.1



#88
Benzo(k)fluoranthene
Concen: 52.69 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.06 min
Lab File: BF080956.D
Acq: 10 Aug 2015 17:35

Tgt Ion:252 Resp: 669229
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.8 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 25.13 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

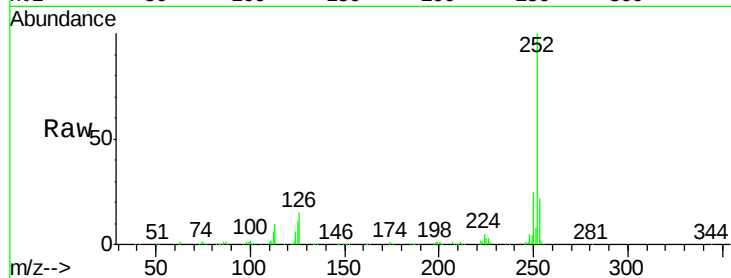
Tot Ion:252 Resp: 313640

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

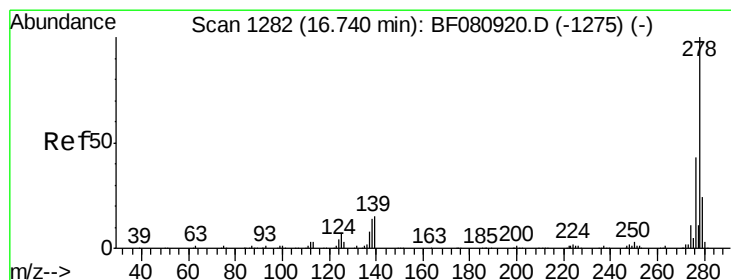
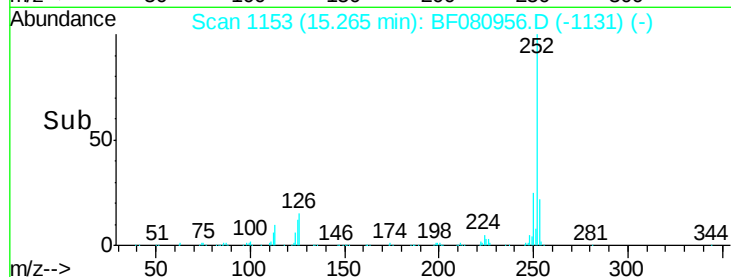
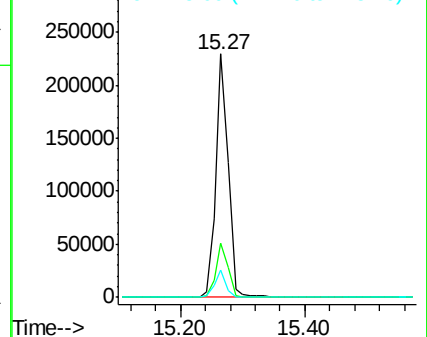
125 11.4 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 25.00 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

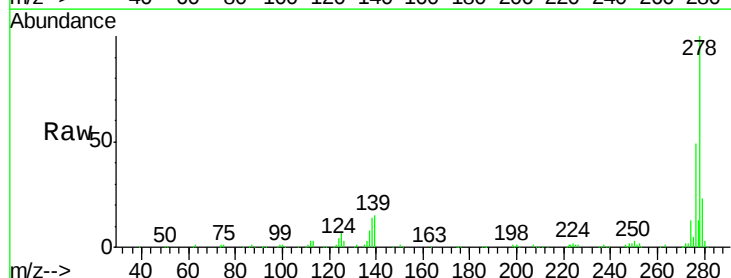
Tgt Ion:278 Resp: 275907

Ion Ratio Lower Upper

278 100

139 15.3 11.9 17.9

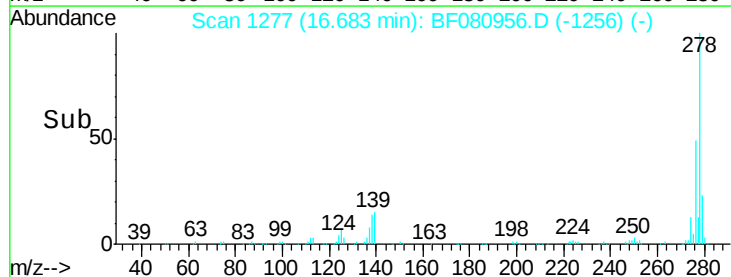
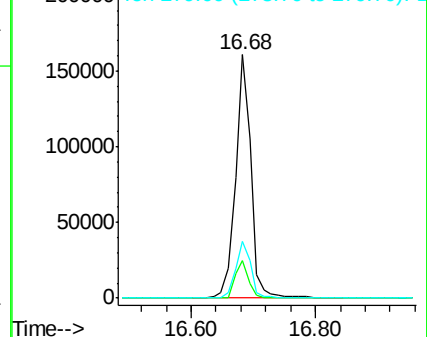
279 23.1 19.0 28.6

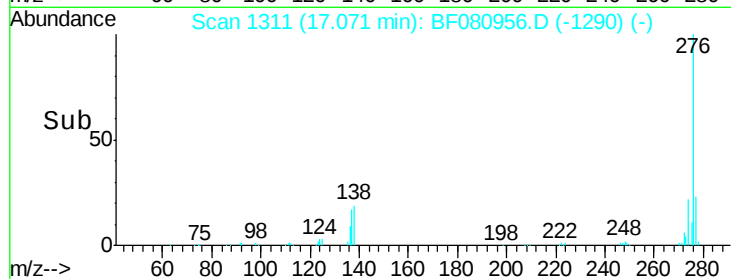
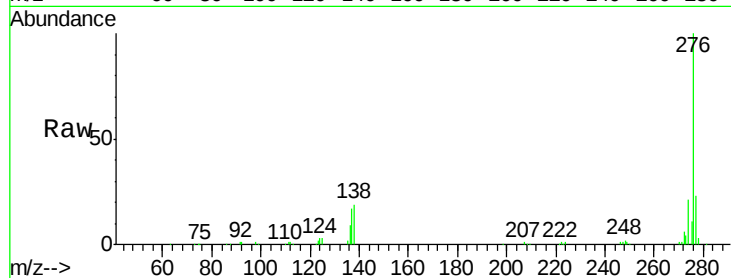
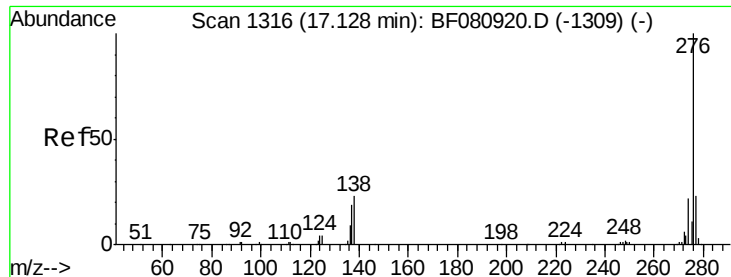


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 23.59 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BF080956.D

Acq: 10 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

PB84929BS

Tot Ion:276 Resp: 253223

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 19.4 18.4 27.6

