

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080963.D
 Acq On : 11 Aug 2015 15:56
 Operator : UM/IZ
 Sample : PB84907BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Quant Time: Aug 12 00:35:32 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	60852	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	233126	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	107085	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	193365	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	172672	20.00	ng	-0.03
86) Perylene-d12	15.32	264	158318	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	427750	114.85	ng	0.01
7) Phenol-d6	6.43	99	658285	128.98	ng	-0.01
23) Nitrobenzene-d5	7.36	82	421832	85.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	133697	113.65	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	619623	81.46	ng	-0.02
78) Terphenyl-d14	12.89	244	675853	80.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	56614	32.05	ng	96
3) Pyridine	3.13	79	163636	32.66	ng	98
4) n-Nitrosodimethylamine	3.08	42	97160	37.99	ng	98
6) Aniline	6.45	93	201499	26.87	ng	94
8) 2-Chlorophenol	6.57	128	151462	35.14	ng	# 82
9) Benzaldehyde	6.33	77	121206	35.23	ng	97
10) Phenol	6.44	94	244332	40.35	ng	78
11) bis(2-Chloroethyl)ether	6.52	93	153946	34.05	ng	92
12) 1,3-Dichlorobenzene	6.73	146	164742	36.02	ng	97
13) 1,4-Dichlorobenzene	6.81	146	166437	35.02	ng	98
14) 1,2-Dichlorobenzene	6.96	146	159036	37.02	ng	98
15) Benzyl Alcohol	6.93	79	153958	36.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	312225	34.33	ng	99
17) 2-Methylphenol	7.05	107	137330	37.33	ng	# 93
18) Hexachloroethane	7.30	117	63328	34.78	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	125090	33.53	ng	96
20) 3+4-Methylphenols	7.21	107	175968	38.08	ng	# 81
22) Acetophenone	7.20	105	228110	39.93	ng	# 97
24) Nitrobenzene	7.37	77	169397	33.38	ng	99
25) Isophorone	7.62	82	336265	35.48	ng	99
26) 2-Nitrophenol	7.69	139	80803	37.84	ng	99
27) 2,4-Dimethylphenol	7.73	122	158553	39.66	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	193961	34.09	ng	97
29) 2,4-Dichlorophenol	7.93	162	126960	38.65	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	134263	37.39	ng	99
31) Naphthalene	8.09	128	446093	34.72	ng	98
32) Benzoic acid	7.86	122	98969	41.35	ng	94
33) 4-Chloroaniline	8.14	127	115861	22.19	ng	96
34) Hexachlorobutadiene	8.21	225	76116	35.63	ng	98
35) Caprolactam	8.52	113	31317	26.50	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	169229	42.22	ng	92
37) 2-Methylnaphthalene	8.78	142	308611	37.73	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	125499	38.01	ng	97
40) Hexachlorocyclopentadiene	8.94	237	171022	94.94	ng	97

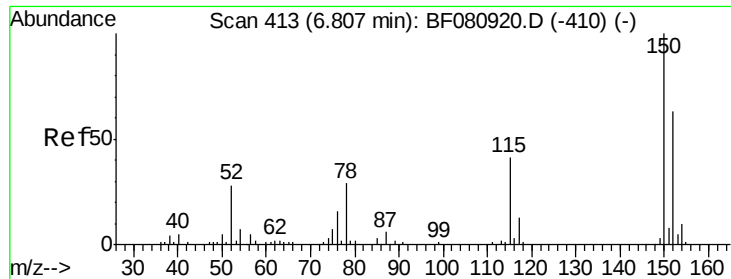
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080963.D
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 Operator : UM/IZ
 Sample : PB84907BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	91891	37.98	nq	94
43) 2,4,5-Trichlorophenol	9.10	196	100133	41.07	nq	# 86
45) 1,1'-Biphenyl	9.25	154	373096	40.60	nq	100
46) 2-Chloronaphthalene	9.28	162	272608	38.05	nq	100
47) 2-Nitroaniline	9.37	65	107959	37.58	nq	95
48) Acenaphthylene	9.69	152	471086	37.82	nq	100
49) Dimethylphthalate	9.56	163	313949	35.29	nq	# 98
50) 2,6-Dinitrotoluene	9.62	165	63908	34.78	nq	# 49
51) Acenaphthene	9.86	154	321391	42.13	nq	100
52) 3-Nitroaniline	9.78	138	52702	23.26	nq	100
53) 2,4-Dinitrophenol	9.88	184	77074	69.88	nq	# 71
54) Dibenzofuran	10.03	168	390031	37.81	nq	98
55) 4-Nitrophenol	9.95	139	138042	81.40	nq	# 68
56) 2,4-Dinitrotoluene	10.02	165	104959	42.68	nq	# 72
57) Fluorene	10.37	166	325775	40.82	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	71397	37.00	nq	99
59) Diethylphthalate	10.26	149	347412	37.52	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	130171	33.48	nq	96
61) 4-Nitroaniline	10.40	138	79082	33.92	nq	93
62) Azobenzene	10.52	77	358050	34.58	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	48204	40.22	nq	# 67
65) n-Nitrosodiphenylamine	10.49	169	279487	41.60	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	86726	42.35	nq	97
67) Hexachlorobenzene	10.91	284	88484	38.86	nq	# 55
68) Atrazine	11.01	200	74911	38.03	nq	97
69) Pentachlorophenol	11.12	266	108984	82.32	nq	96
70) Phenanthrene	11.33	178	414153	37.82	nq	100
71) Anthracene	11.38	178	448138	41.34	nq	99
72) Carbazole	11.54	167	420238	39.82	nq	99
73) Di-n-butylphthalate	11.87	149	535453	40.57	nq	100
74) Fluoranthene	12.51	202	513091	43.35	nq	98
76) Benzidine	12.64	184	354135	Below	Cal	97
77) Pyrene	12.74	202	541136	42.42	nq	99
79) Butylbenzylphthalate	13.36	149	221953	36.09	nq	# 64
80) Benzo(a)anthracene	13.92	228	432994	39.70	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	78678	19.83	nq	# 96
82) Chrysene	13.96	228	408363	39.10	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	319487	37.34	nq	# 95
84) Di-n-octyl phthalate	14.53	149	531632	36.65	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	391827	39.42	nq	98
87) Benzo(b)fluoranthene	14.96	252	812798	73.83	nq	# 97
88) Benzo(k)fluoranthene	14.96	252	812806	84.40	nq	100
89) Benzo(a)pyrene	15.27	252	380677	40.23	nq	# 95
90) Dibenzo(a,h)anthracene	16.68	278	327298	39.11	nq	99
91) Benzo(g,h,i)perylene	17.07	276	329423	40.47	nq	97

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

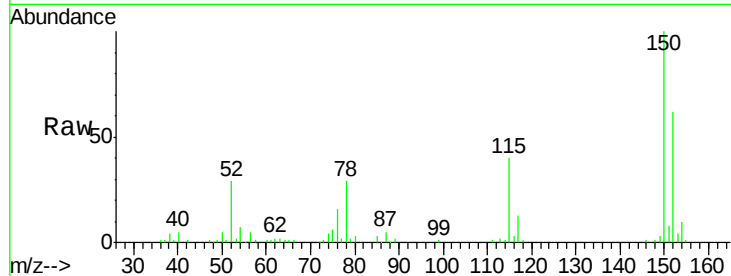


#1

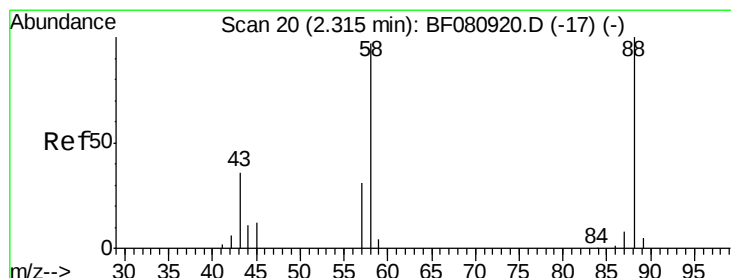
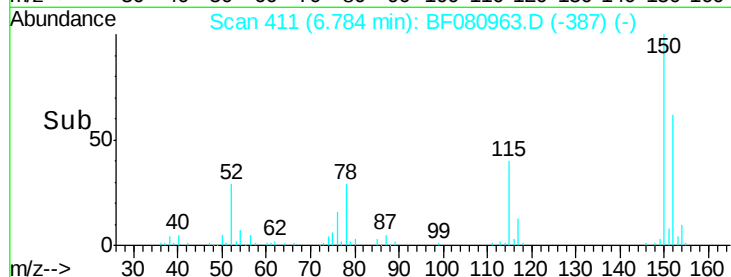
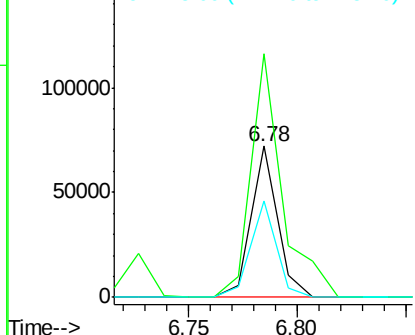
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:152 Resp: 60852
Ion Ratio Lower Upper
152 100
150 161.0 127.4 191.2
115 64.2 52.6 78.8



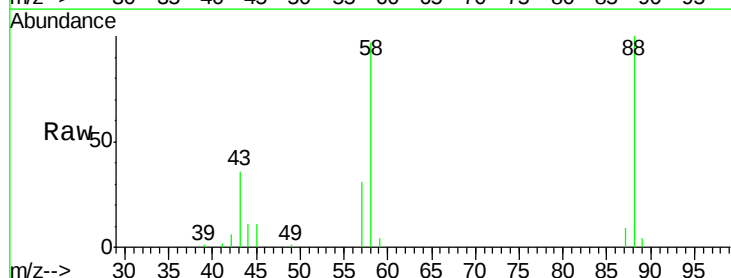
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



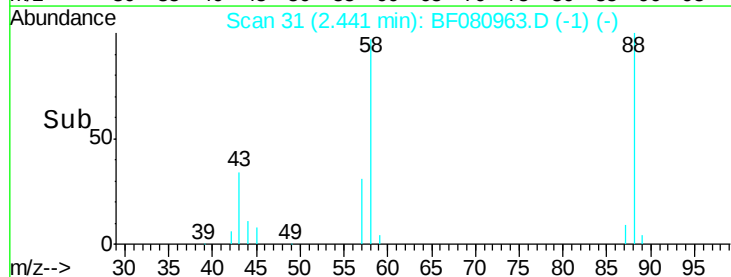
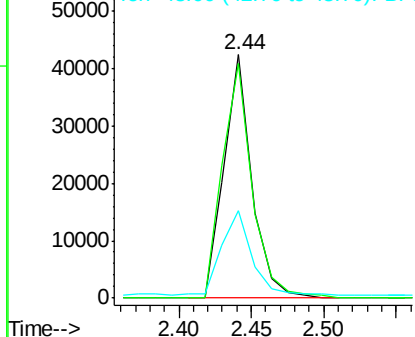
#2

1,4-Dioxane
Concen: 32.05 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.13 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion: 88 Resp: 56614
Ion Ratio Lower Upper
88 100
58 102.4 79.3 118.9
43 37.8 28.3 42.5



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

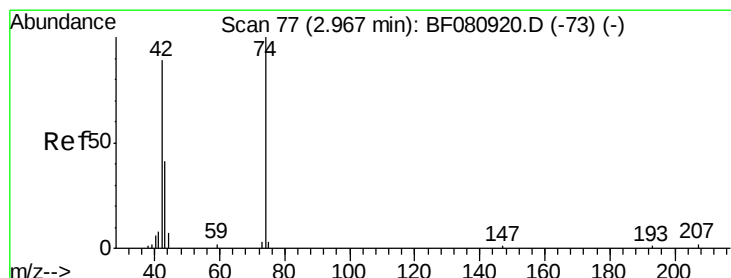
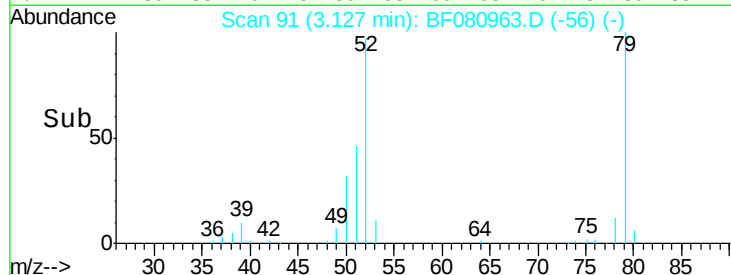
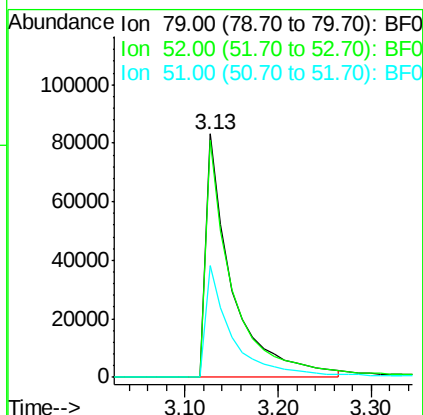
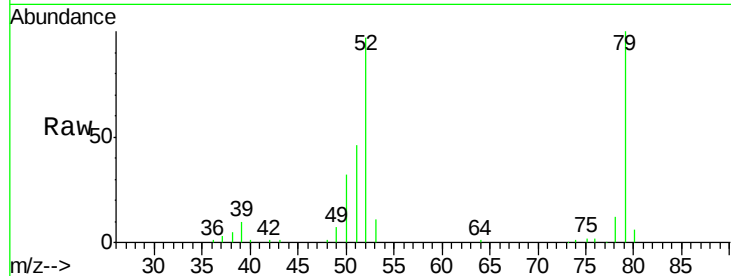




#3
 Pvrindine
 Concen: 32.66 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.10 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

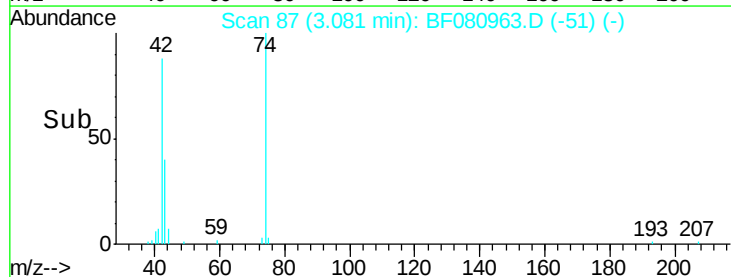
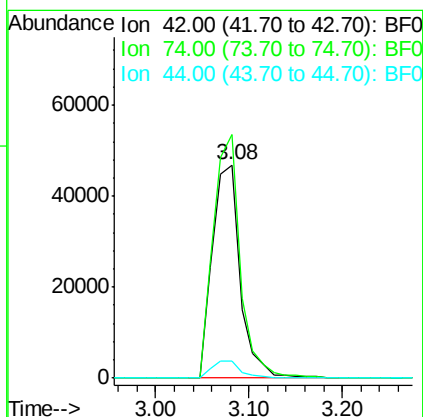
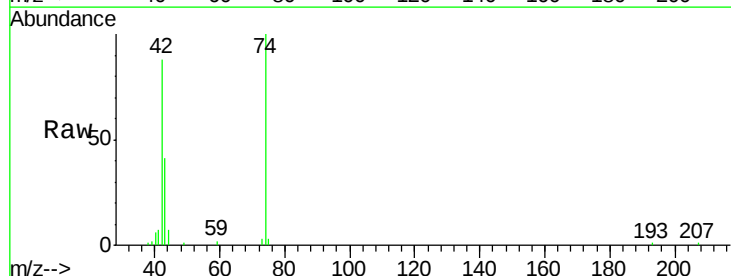
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

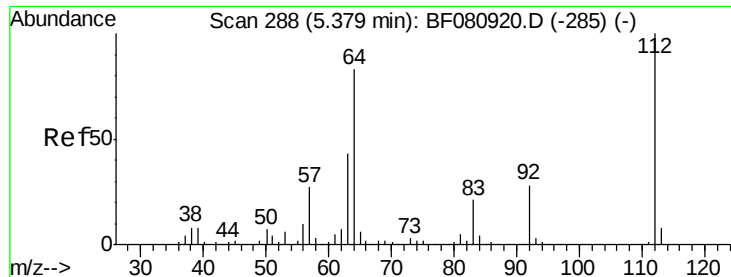
Tot Ion: 79 Resp: 163636
 Ion Ratio Lower Upper
 79 100
 52 97.4 77.2 115.8
 51 46.1 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 37.99 ng
 RT: 3.08 min Scan# 87
 Delta R.T. 0.11 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion: 42 Resp: 97160
 Ion Ratio Lower Upper
 42 100
 74 114.1 89.8 134.8
 44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 114.85 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

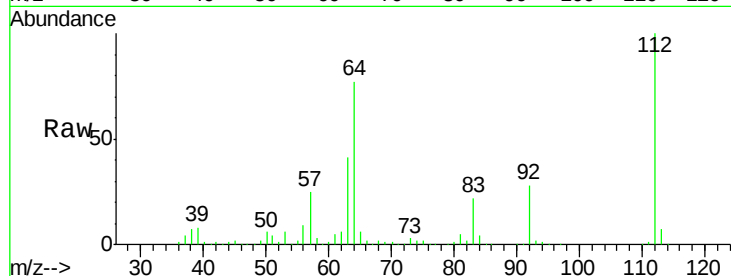
Tot Ion:112 Resp: 427750

Ion Ratio Lower Upper

112 100

64 76.6 66.1 99.1

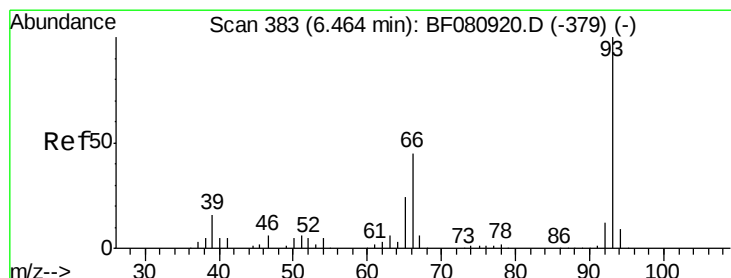
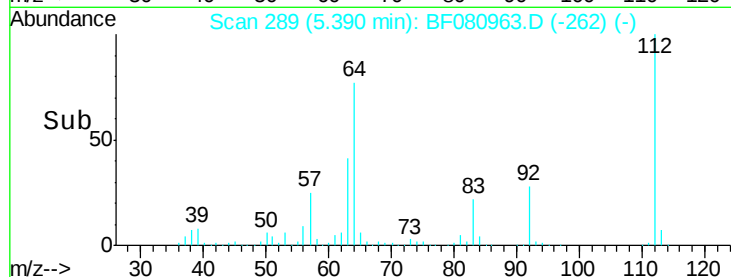
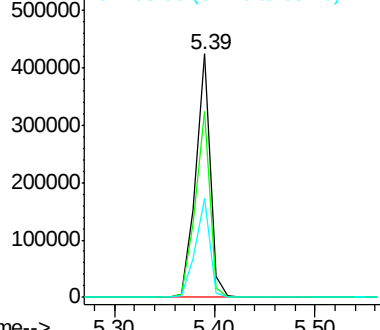
63 40.7 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.87 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

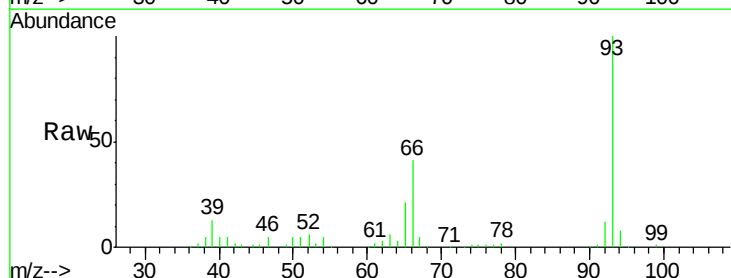
Tgt Ion: 93 Resp: 201499

Ion Ratio Lower Upper

93 100

66 41.5 36.2 54.4

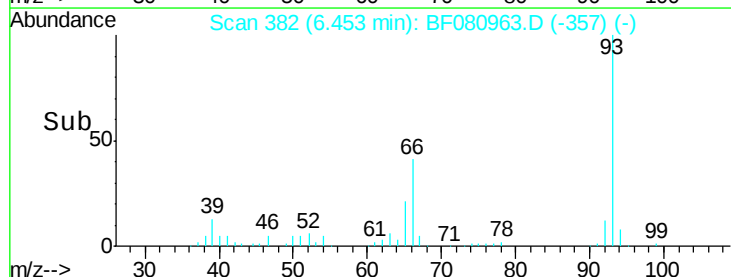
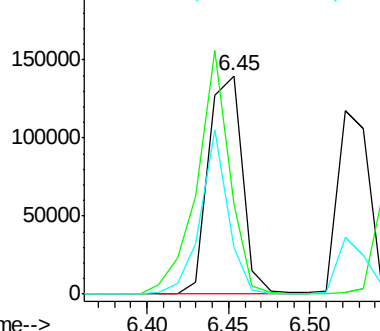
65 21.3 19.0 28.4

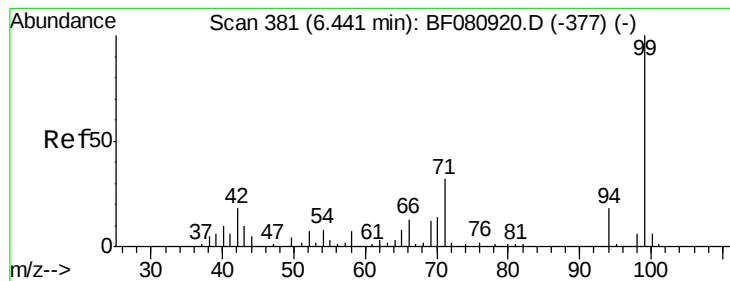


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.98 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

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ClientSampleId :

PB84907BS

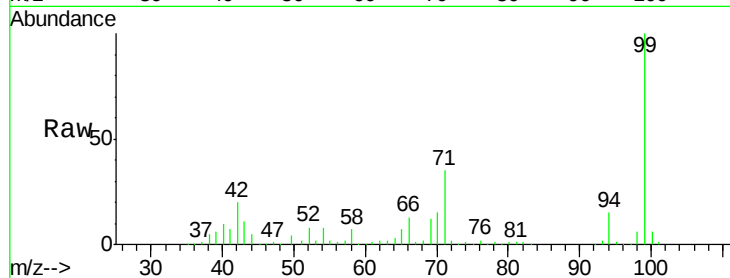
Tot Ion: 99 Resp: 658285

Ion Ratio Lower Upper

99 100

42 19.8 14.4 21.6

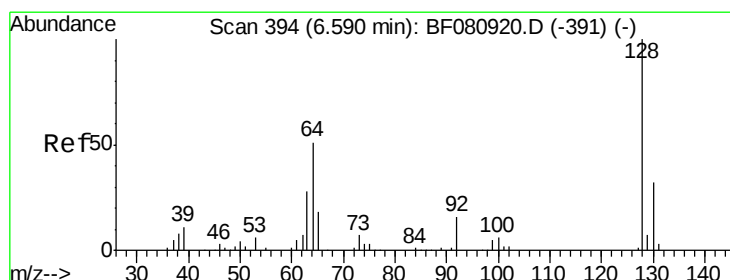
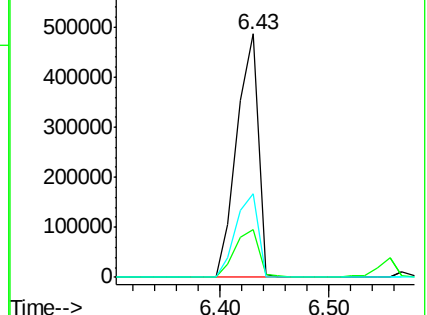
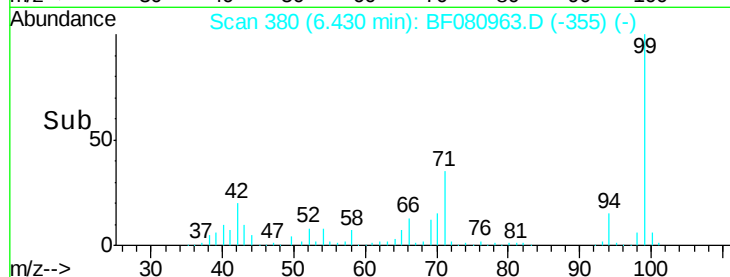
71 34.6 25.8 38.8



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: 35.14 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

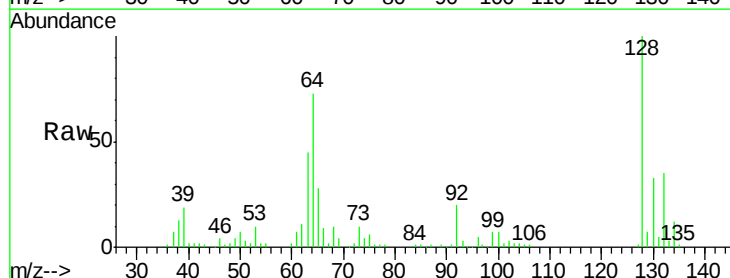
Tgt Ion: 128 Resp: 151462

Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

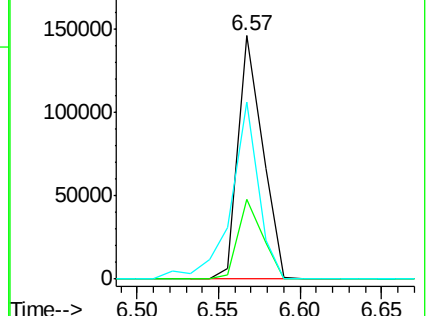
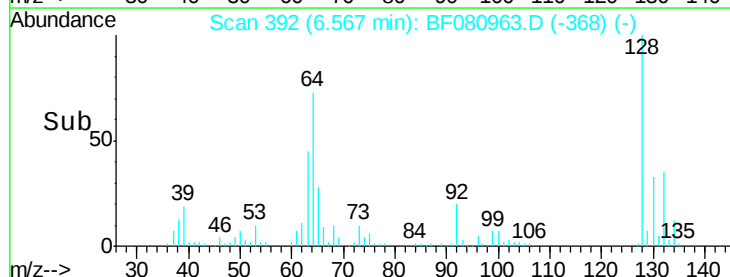
64 72.8 32.1 72.1#



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: 35.23 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

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PB84907BS

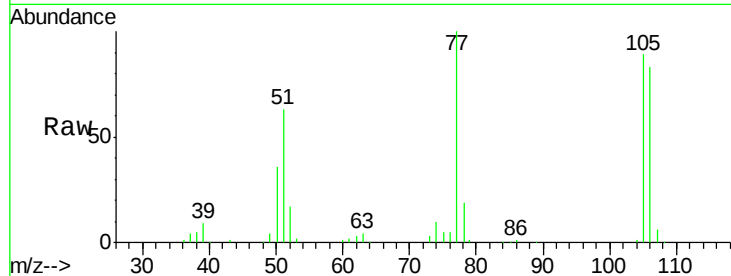
Tot Ion: 77 Resp: 121206

Ion Ratio Lower Upper

77 100

105 89.0 71.6 111.6

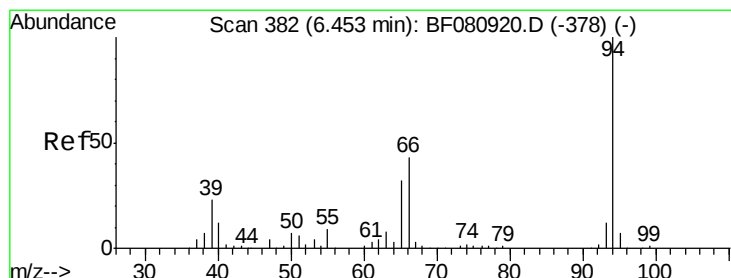
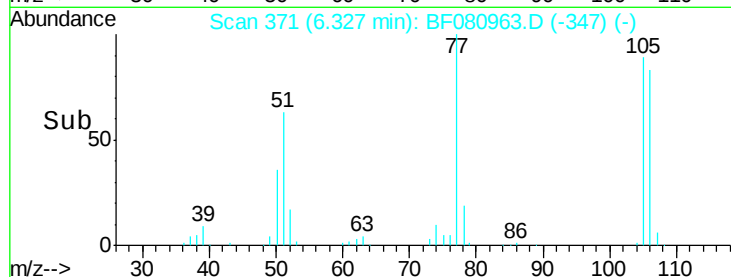
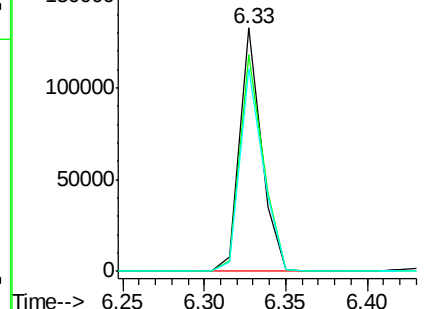
106 83.2 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.35 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

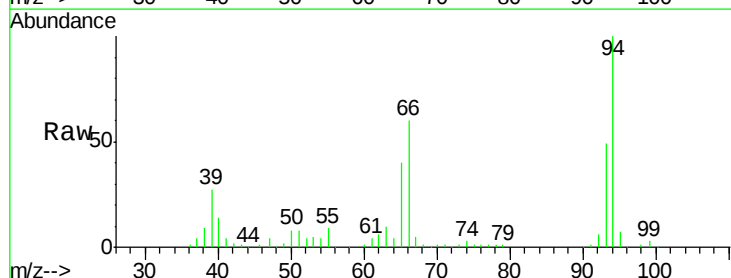
Tgt Ion: 94 Resp: 244332

Ion Ratio Lower Upper

94 100

65 40.4 11.8 51.8

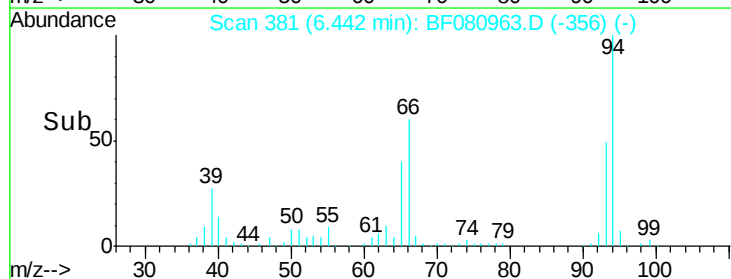
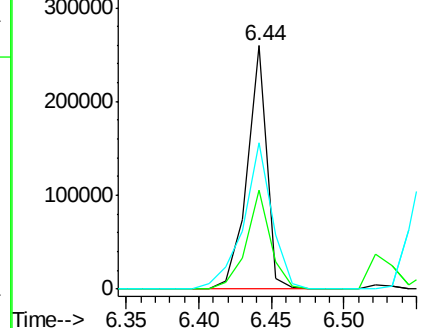
66 60.1 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

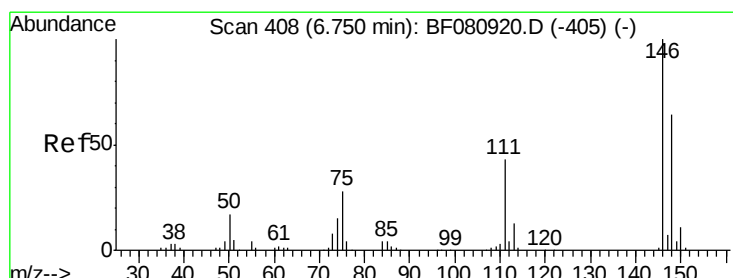
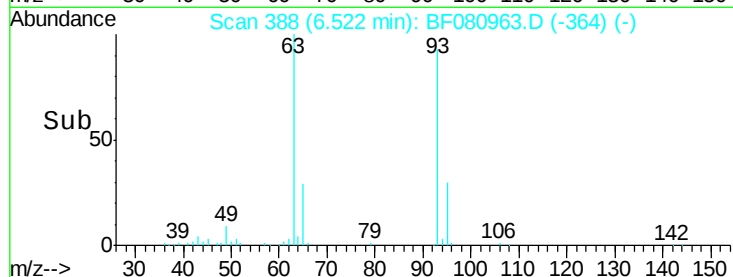
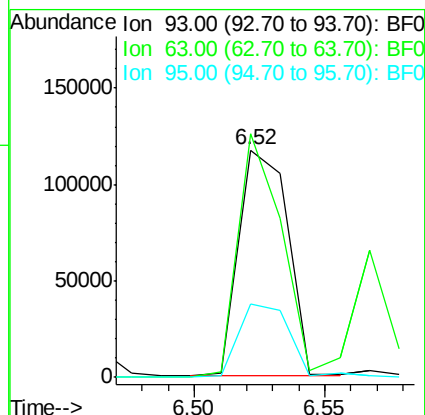
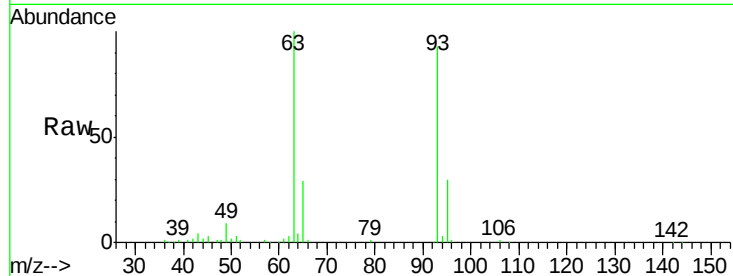




#11
 bis(2-Chloroethyl)ether
 Concen: 34.05 ng
 RT: 6.52 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

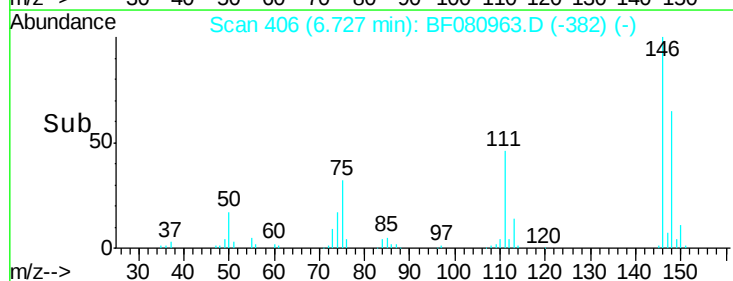
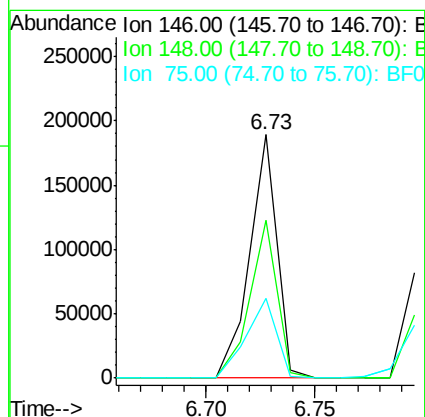
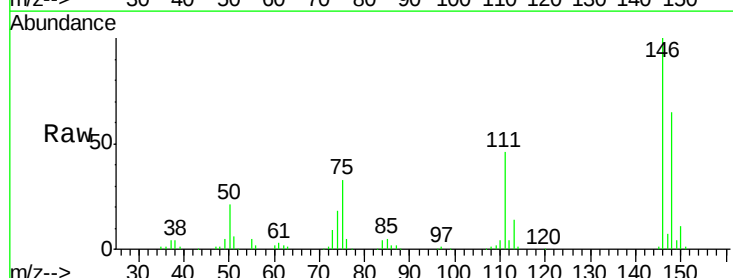
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion: 93 Resp: 153946
 Ion Ratio Lower Upper
 93 100
 63 107.3 76.7 116.7
 95 32.6 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion: 146 Resp: 164742
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 75 32.7 22.2 33.4

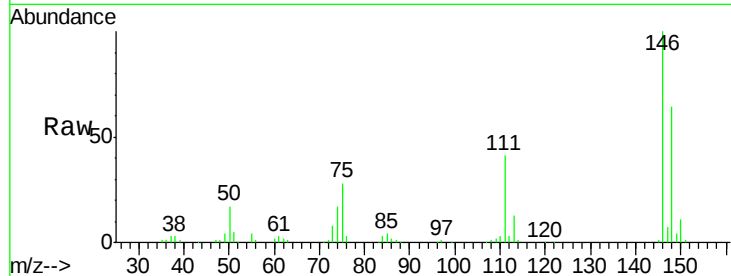




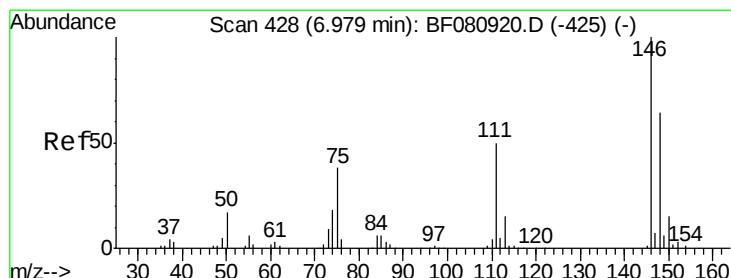
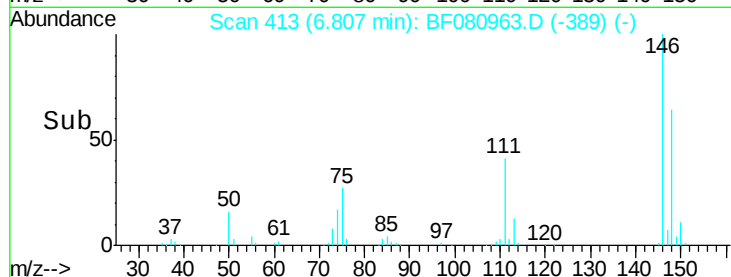
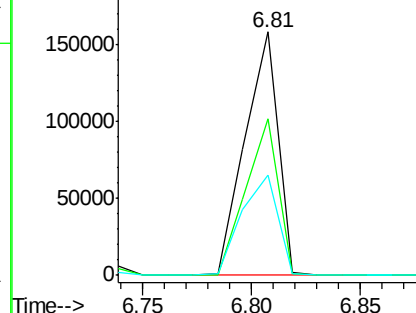
#13
 1,4-Dichlorobenzene
 Concen: 35.02 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:146 Resp: 166437
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 41.3 31.5 47.3

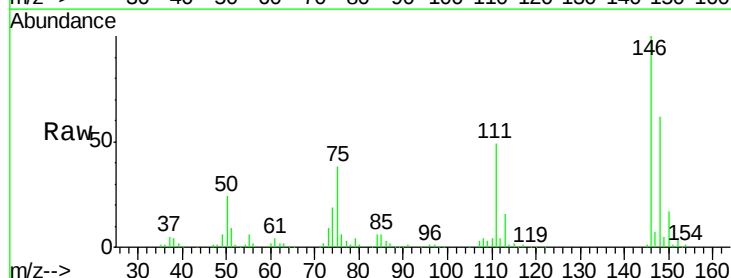


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

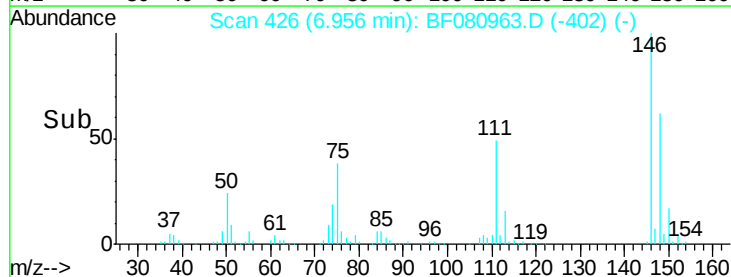
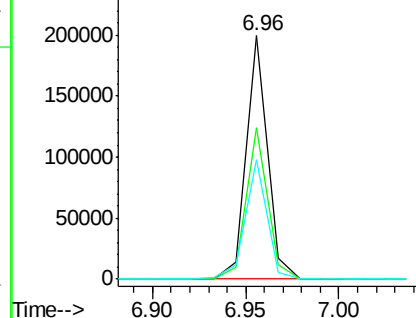


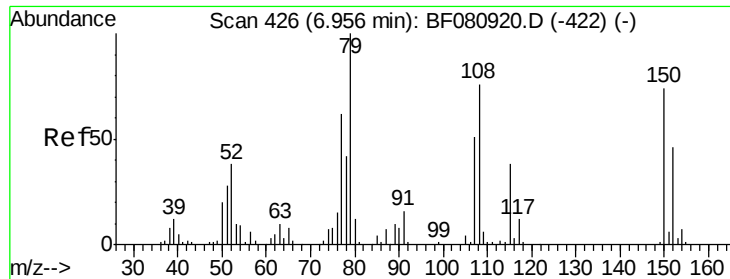
#14
 1,2-Dichlorobenzene
 Concen: 37.02 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion:146 Resp: 159036
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.1 76.7
 111 49.0 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: 36.86 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleID :

PB84907BS

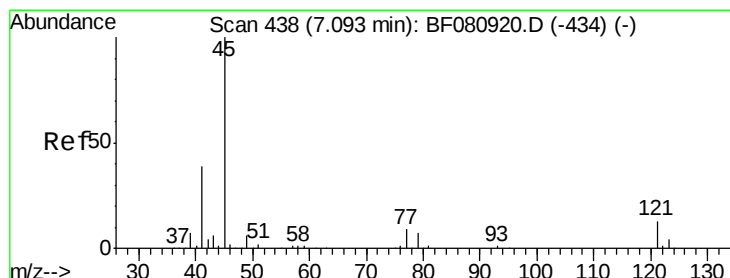
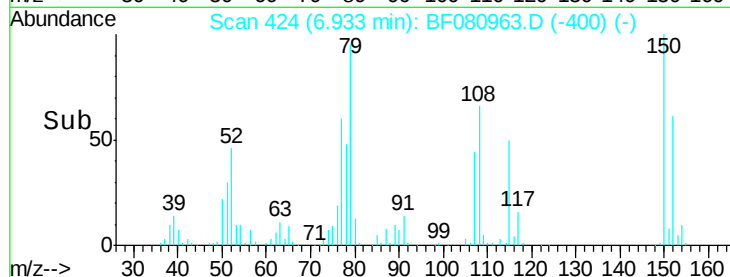
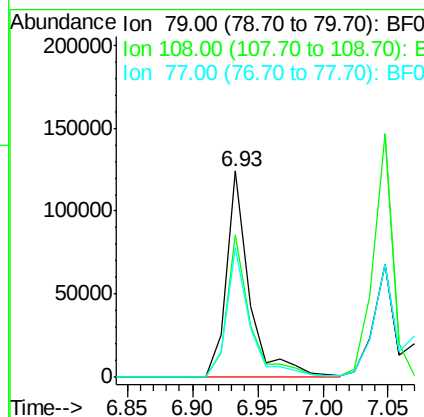
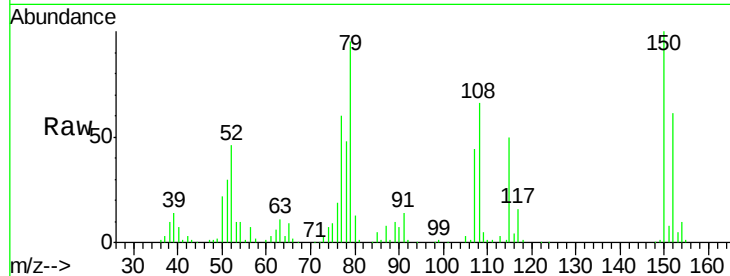
Tot Ion: 79 Resp: 153958

Ion Ratio Lower Upper

79 100

108 69.1 60.9 91.3

77 62.7 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.33 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

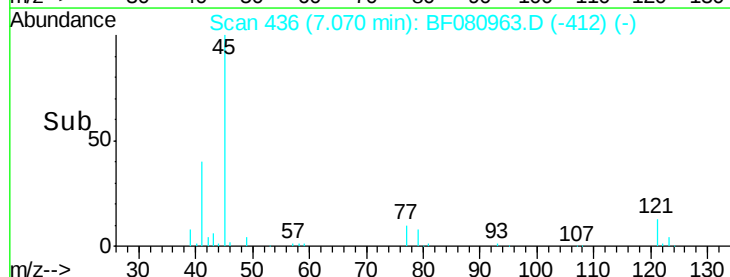
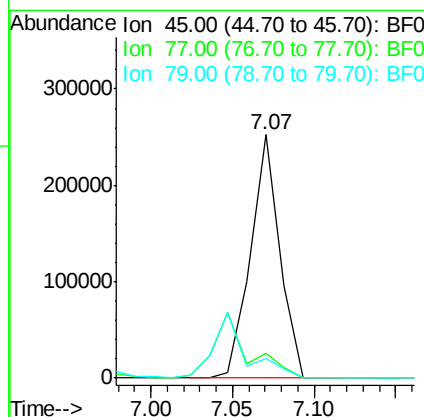
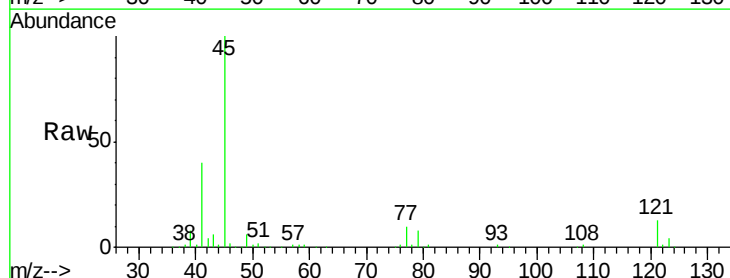
Tgt Ion: 45 Resp: 312225

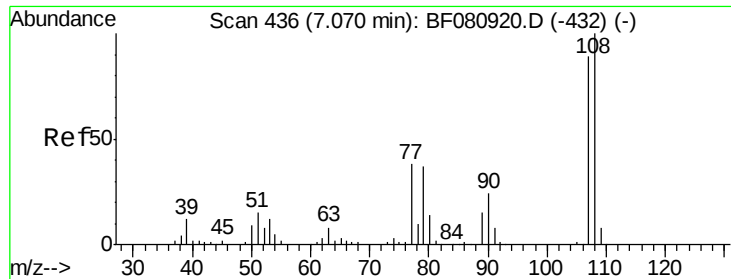
Ion Ratio Lower Upper

45 100

77 10.0 0.0 29.6

79 8.0 0.0 27.7





#17

2-Methylphenol

Concen: 37.33 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

Tot Ion:107 Resp: 137330

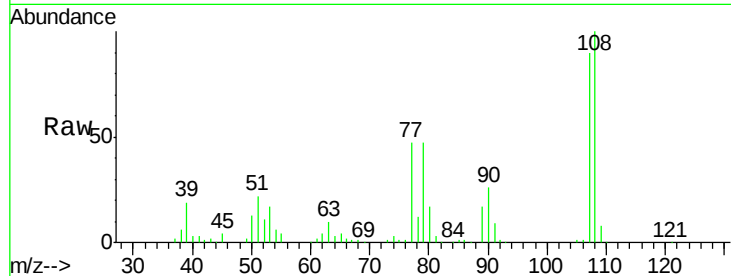
Ion Ratio Lower Upper

107 100

108 111.5 90.3 135.5

77 51.9 34.6 51.8#

79 51.9 33.6 50.4#

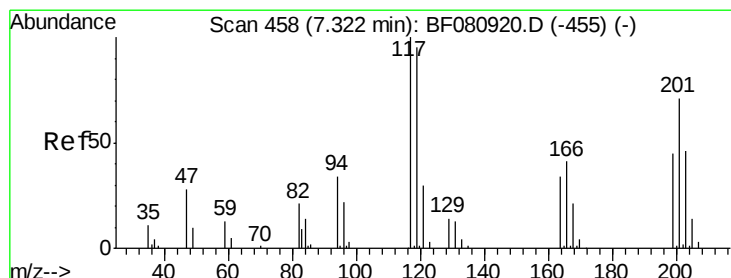
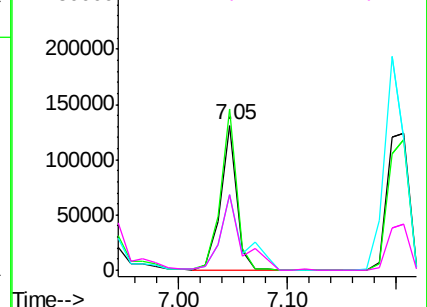
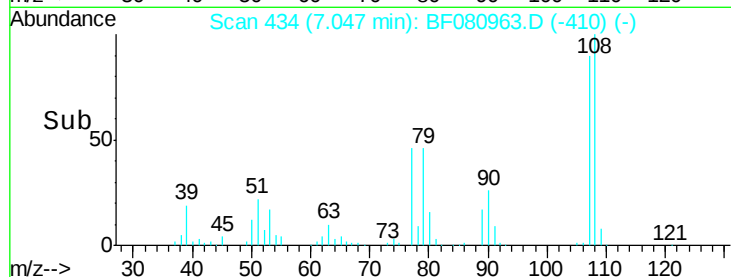


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.78 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

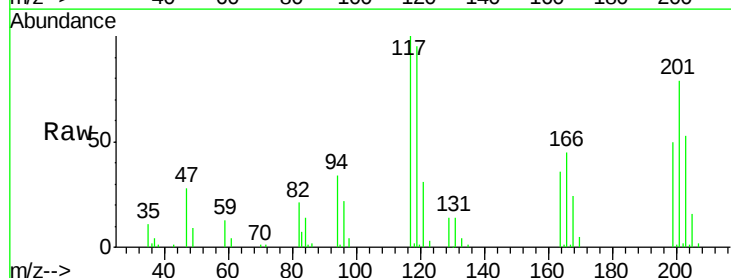
Tgt Ion:117 Resp: 63328

Ion Ratio Lower Upper

117 100

119 94.5 76.3 114.5

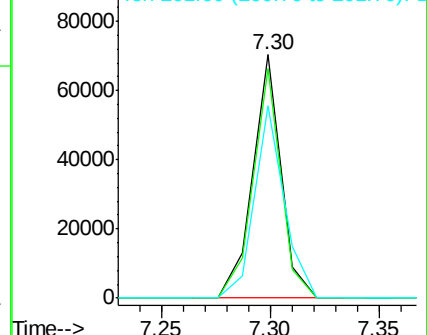
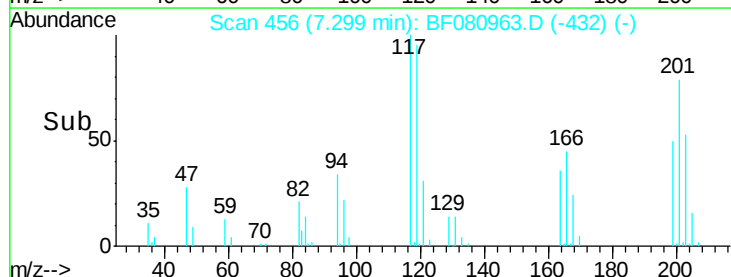
201 79.0 57.0 85.6

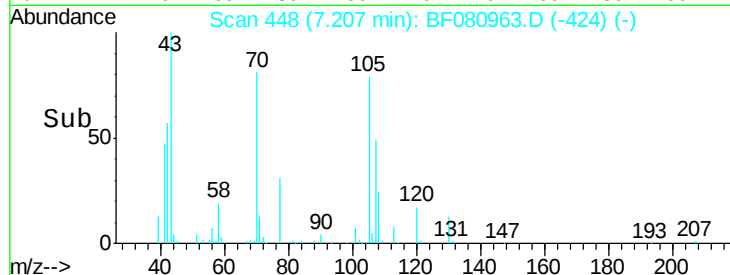
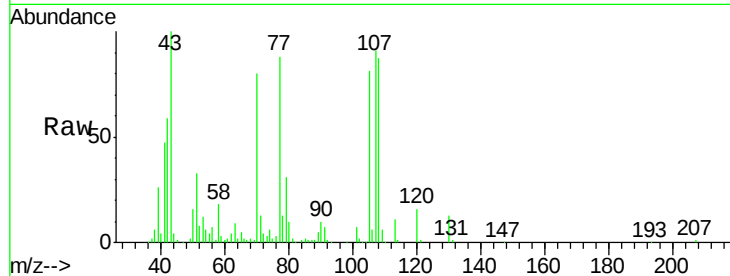
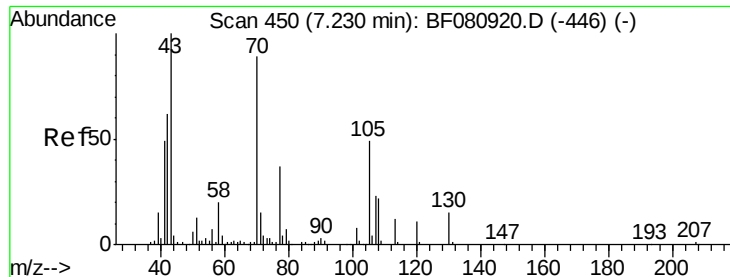


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

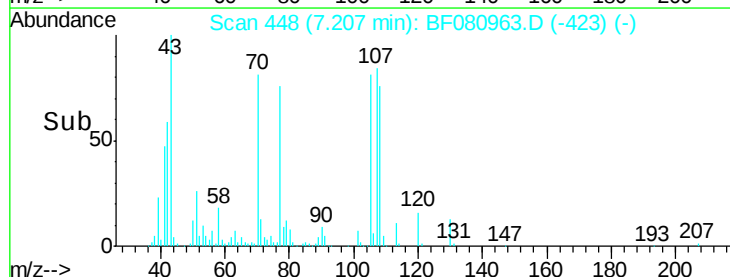
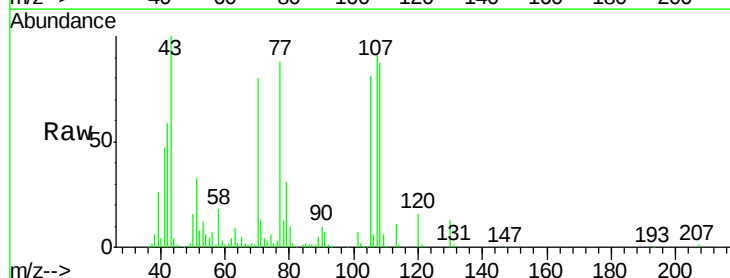
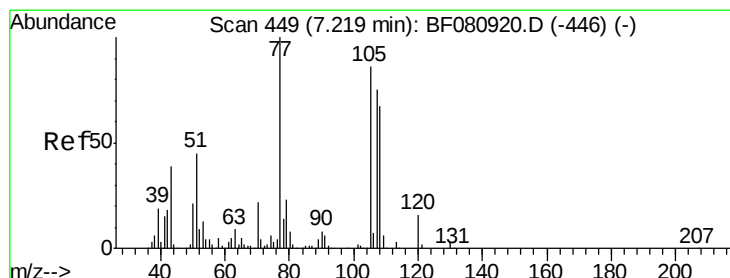
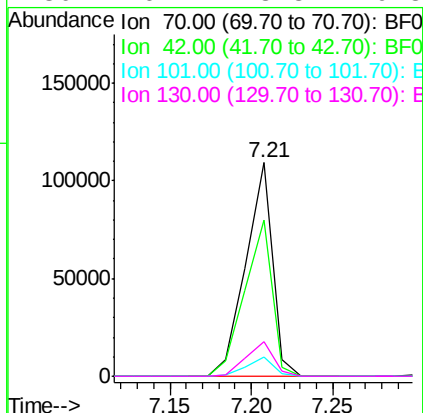




#19
n-Nitroso-di-n-propylamine
Concen: 33.53 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

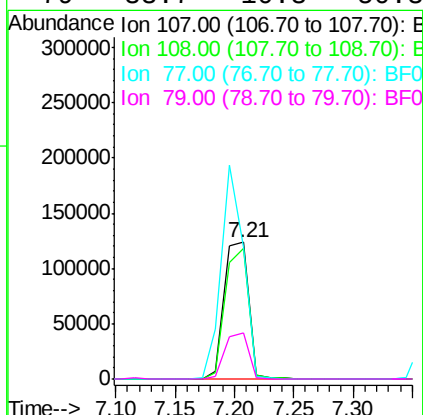
Instrument :
BNA_F
ClientSampleId :
PB84907BS

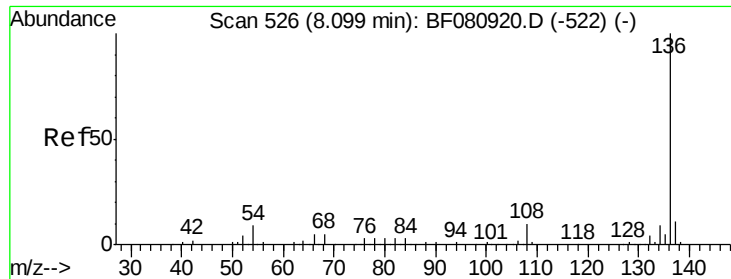
Tot Ion:	70	Resp:	125090
Ion	Ratio	Lower	Upper
70	100		
42	73.2	55.7	83.5
101	9.1	7.0	10.6
130	16.4	13.8	20.8



#20
3+4-Methylphenols
Concen: 38.08 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion:	107	Resp:	175968
Ion	Ratio	Lower	Upper
107	100		
108	95.9	69.2	109.2
77	96.8	113.0	153.0#
79	33.7	10.3	50.3

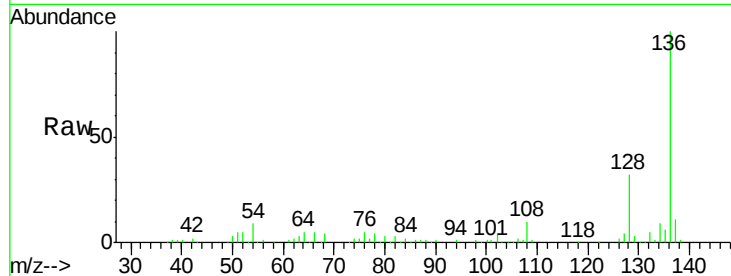




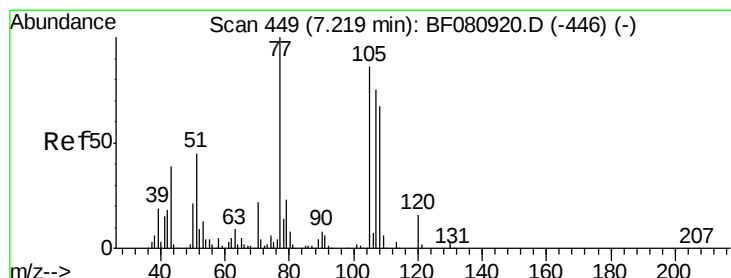
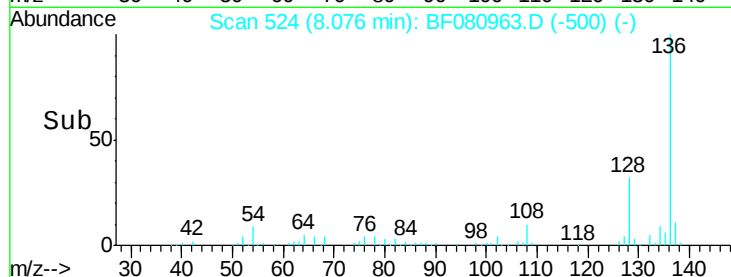
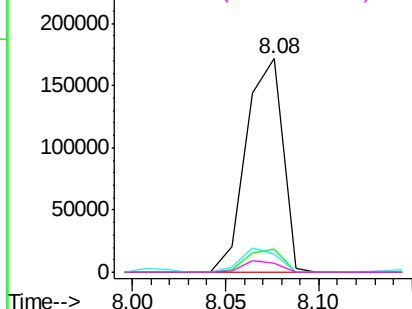
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:136	Resp:	233126
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	8.6	7.1 10.7
68	4.3	3.8 5.8

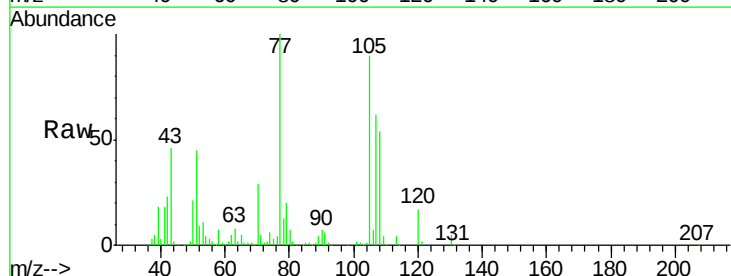


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

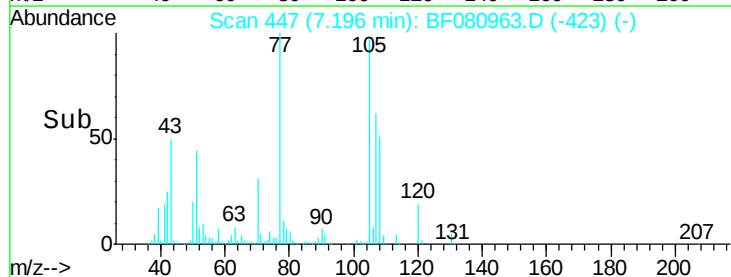
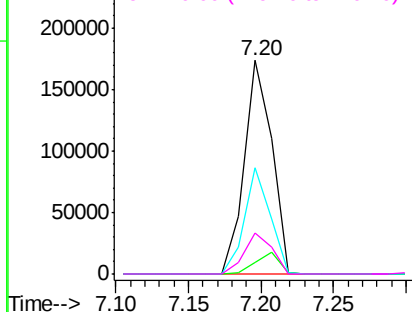


#22
Acetophenone
Concen: 39.93 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion:105	Resp:	228110
Ion Ratio	Lower	Upper
105	100	
71	5.4	3.3 4.9#
51	49.8	41.8 62.6
120	19.2	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

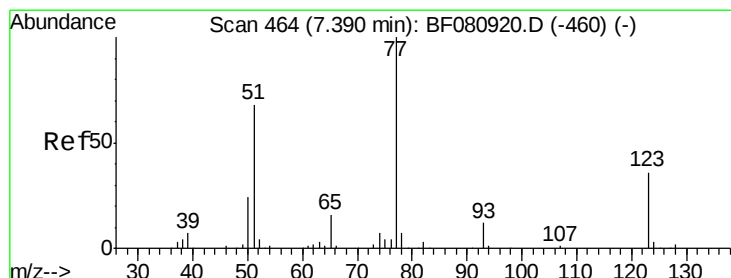
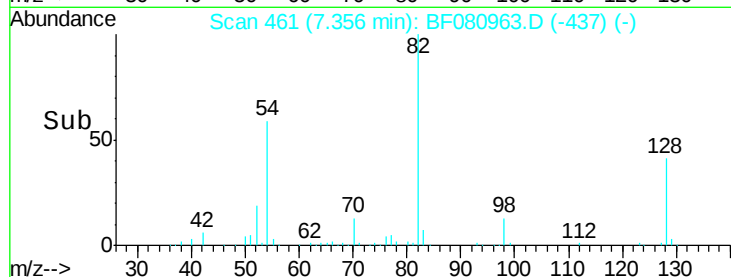
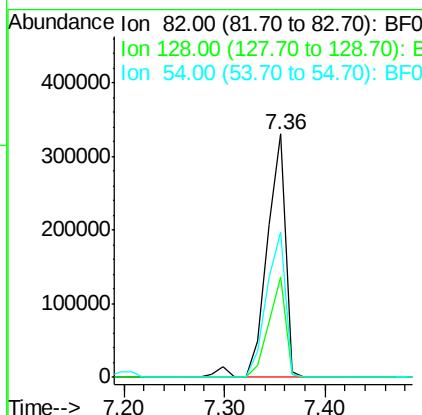
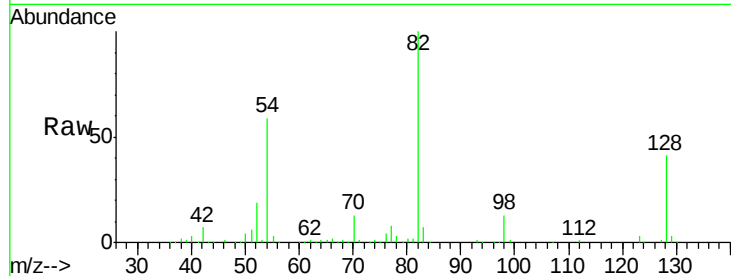




#23
 Nitrobenzene-d5
 Concen: 85.59 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

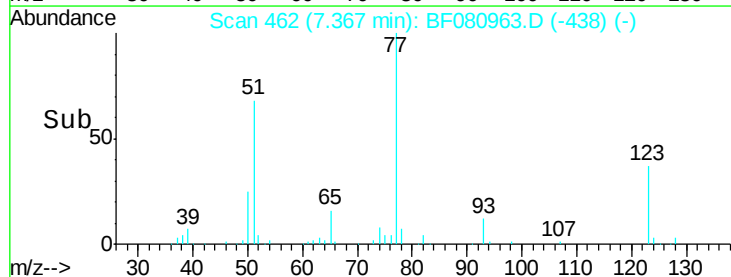
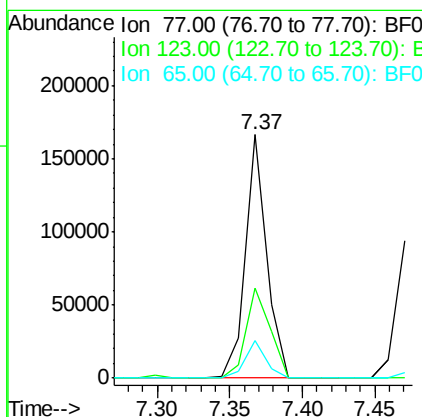
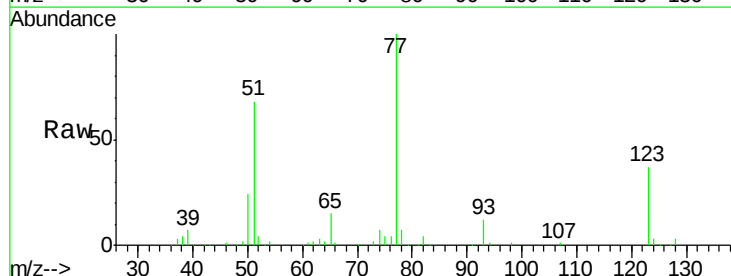
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion: 82 Resp: 421832
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.1 51.1
 54 59.3 46.5 69.7



#24
 Nitrobenzene
 Concen: 33.38 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion: 77 Resp: 169397
 Ion Ratio Lower Upper
 77 100
 123 37.0 28.7 43.1
 65 15.5 12.5 18.7





#25

Isophorone

Concen: 35.48 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

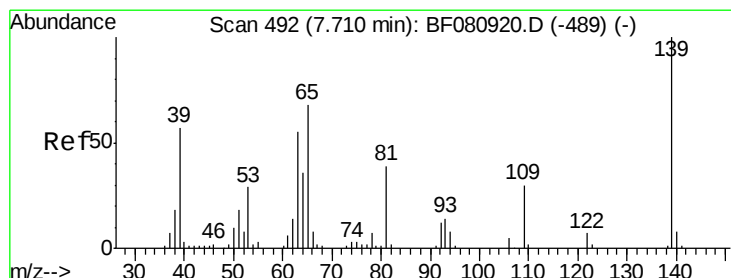
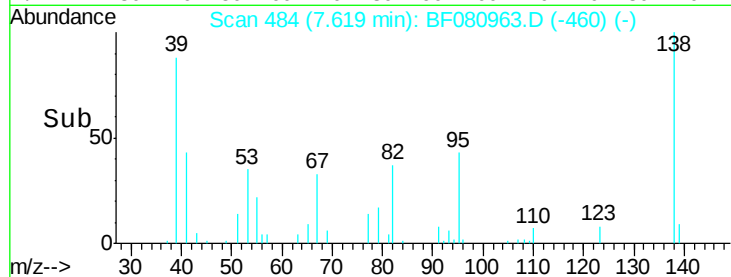
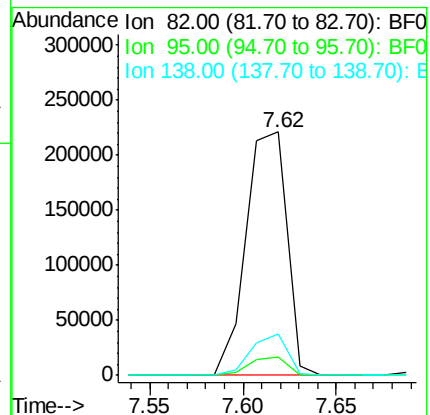
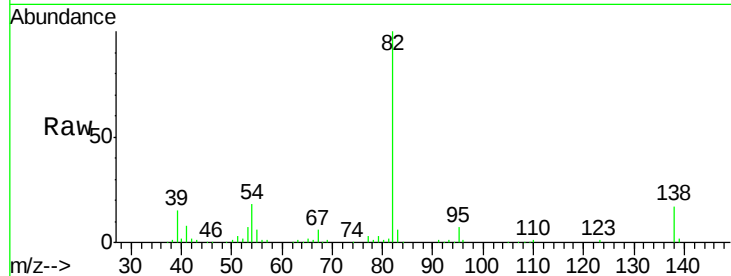
Tot Ion: 82 Resp: 336265

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.1 14.1 21.1



#26

2-Nitrophenol

Concen: 37.84 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

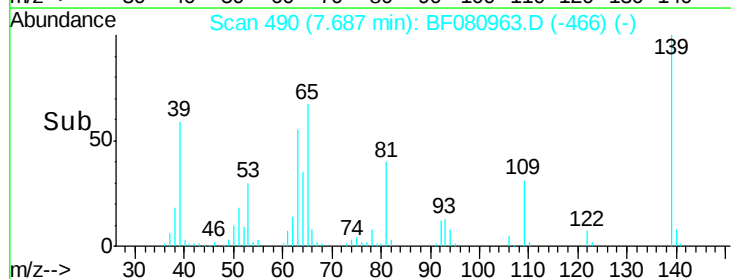
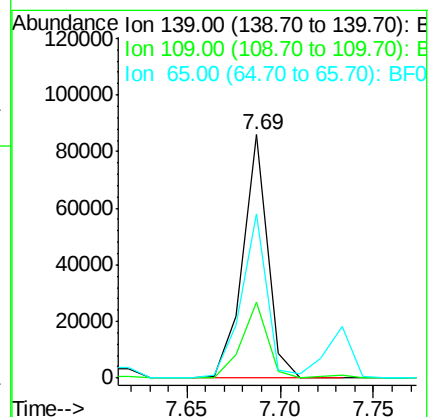
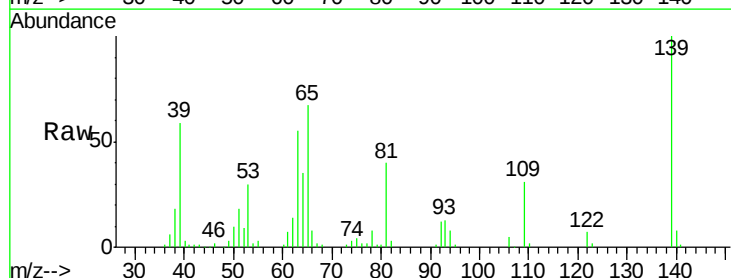
Tgt Ion: 139 Resp: 80803

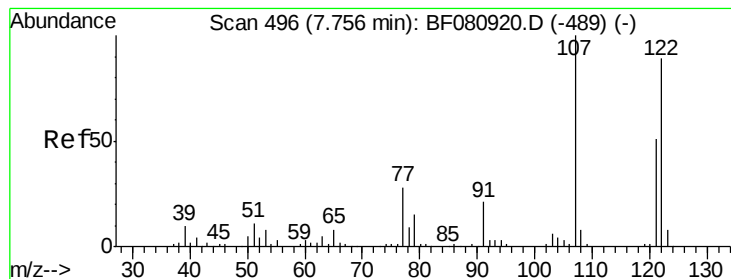
Ion Ratio Lower Upper

139 100

109 31.2 24.1 36.1

65 67.4 54.0 81.0





#27

2,4-Dimethylphenol

Concen: 39.66 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

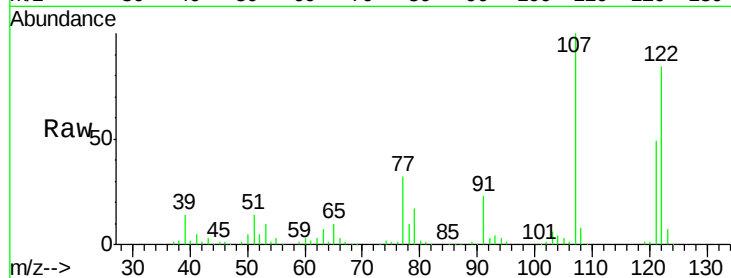
Tot Ion:122 Resp: 158553

Ion Ratio Lower Upper

122 100

107 119.4 90.2 135.4

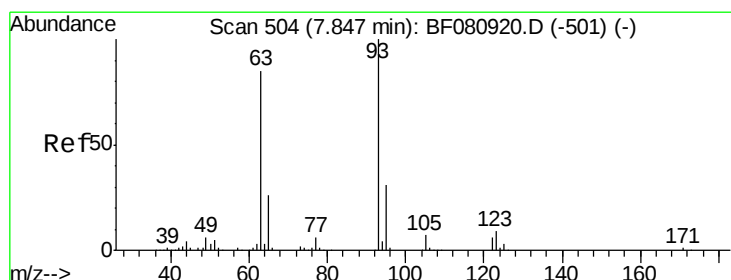
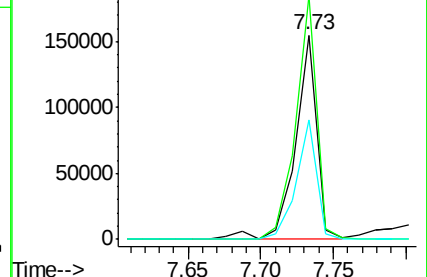
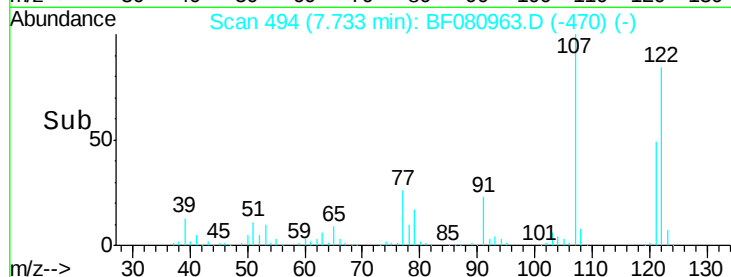
121 58.7 46.0 69.0



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: 34.09 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

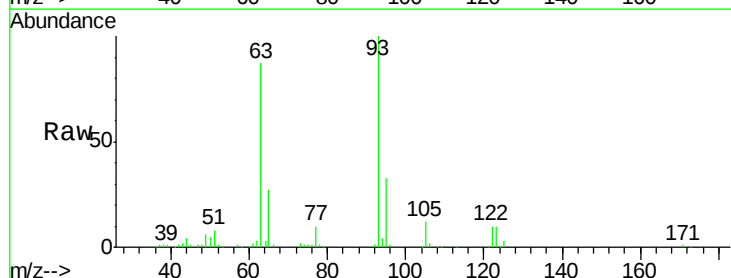
Tgt Ion: 93 Resp: 193961

Ion Ratio Lower Upper

93 100

95 33.0 25.0 37.4

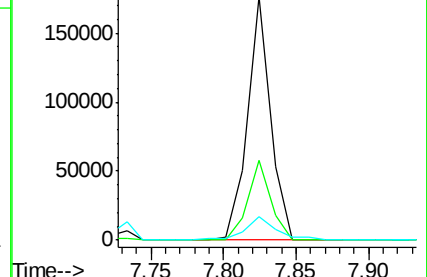
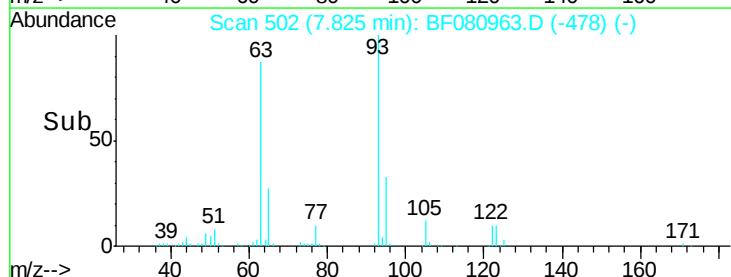
123 9.7 7.4 11.0

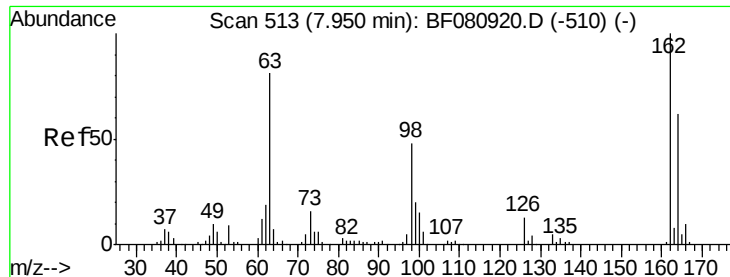


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

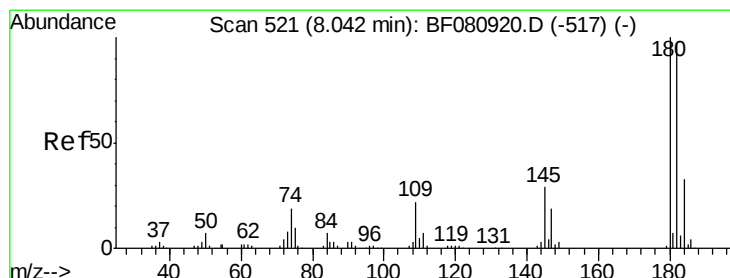
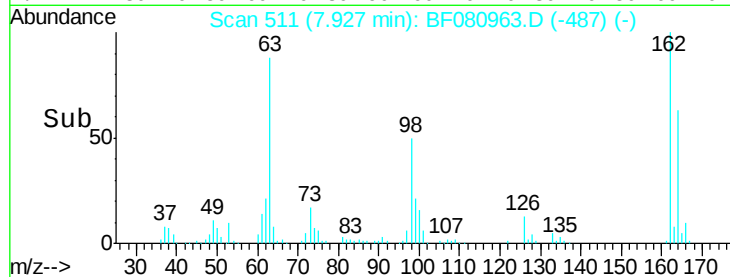
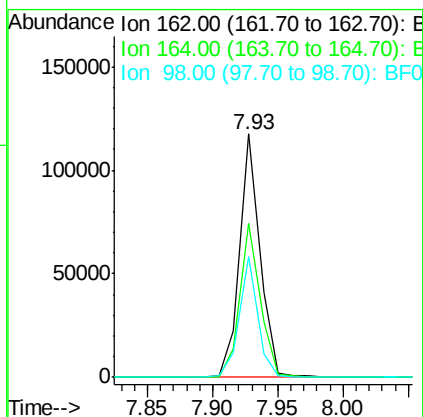
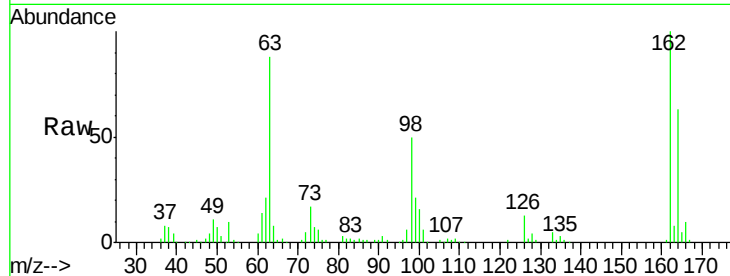




#29
 2,4-Dichlorophenol
 Concen: 38.65 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

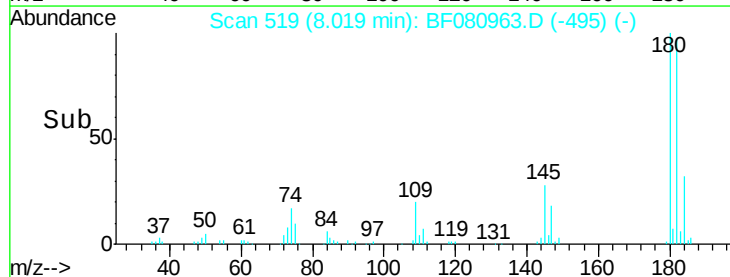
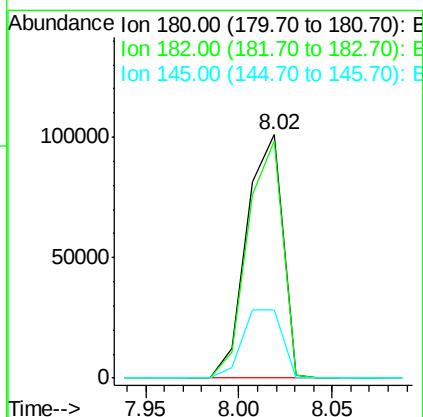
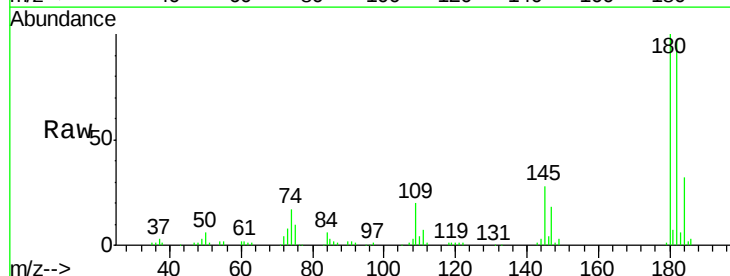
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

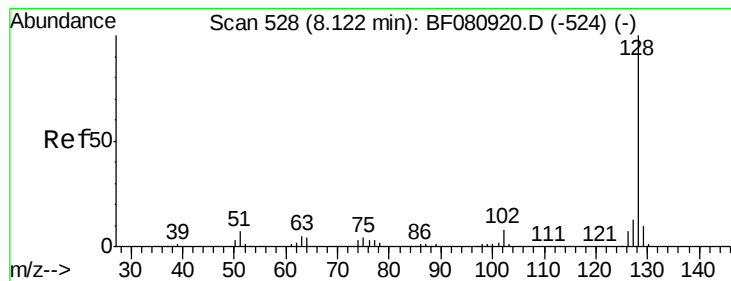
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.3	82.3
98	49.7	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 37.39 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.4	116.0
145	28.1	23.2	34.8





#31

Naphthalene

Concen: 34.72 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

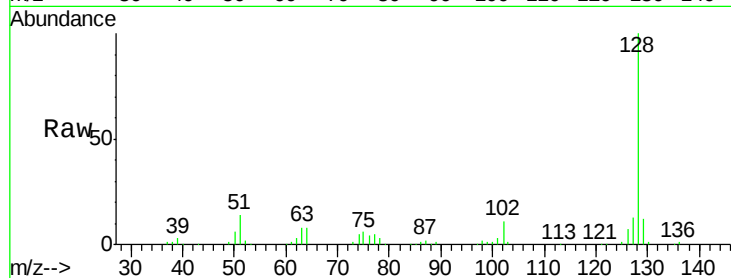
Tot Ion:128 Resp: 446093

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

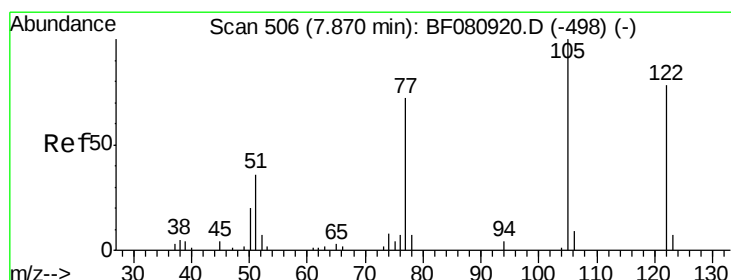
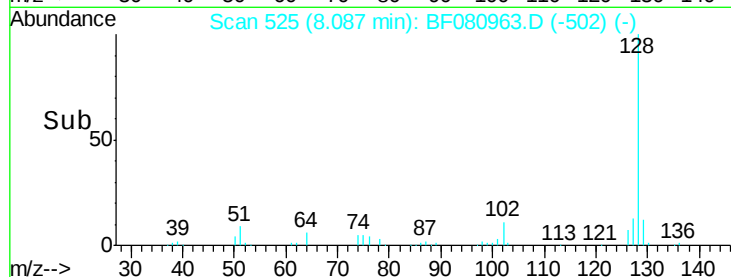
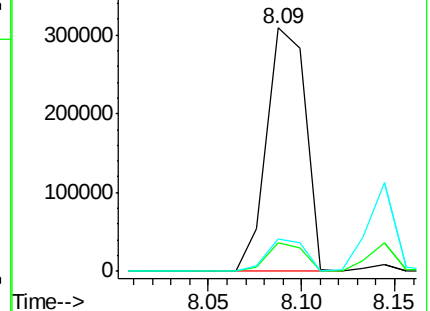
127 13.1 10.5 15.7



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: 41.35 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

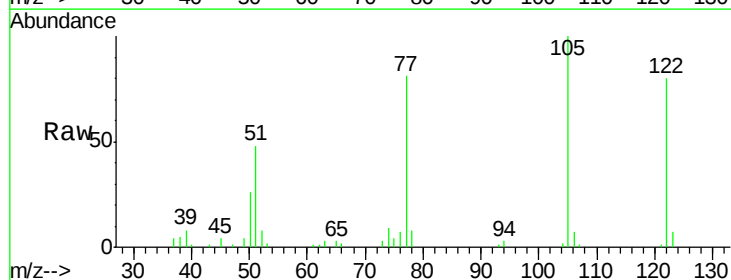
Tgt Ion:122 Resp: 98969

Ion Ratio Lower Upper

122 100

105 125.2 103.6 143.6

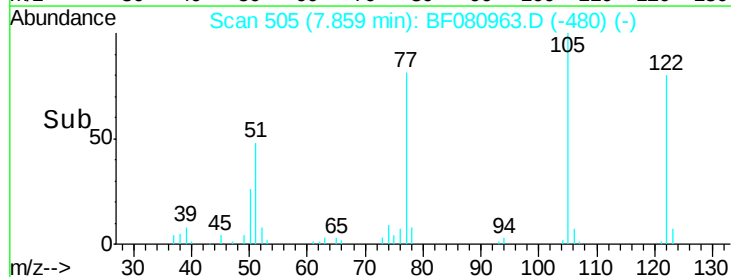
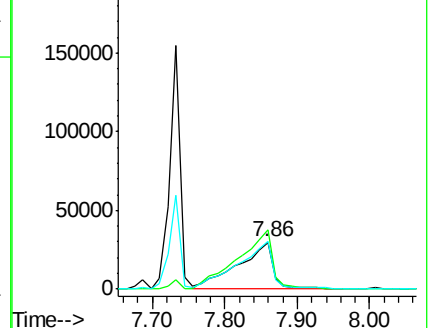
77 101.5 70.4 110.4



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

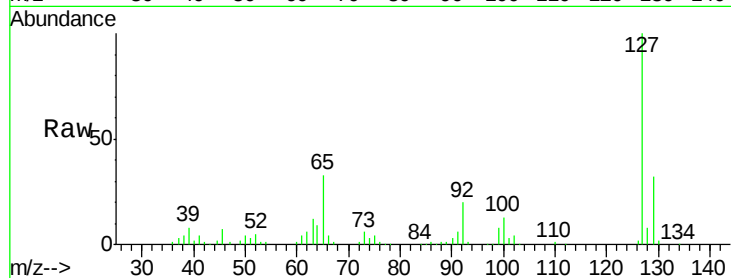




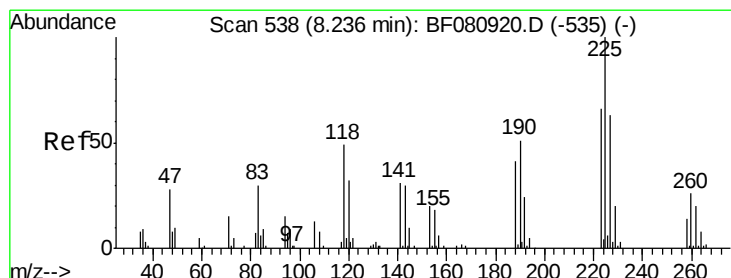
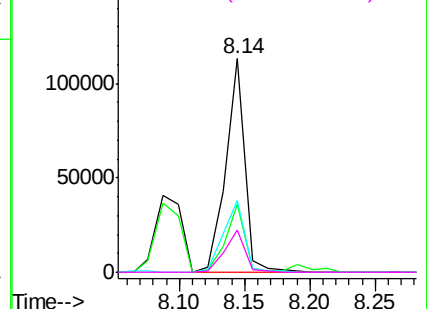
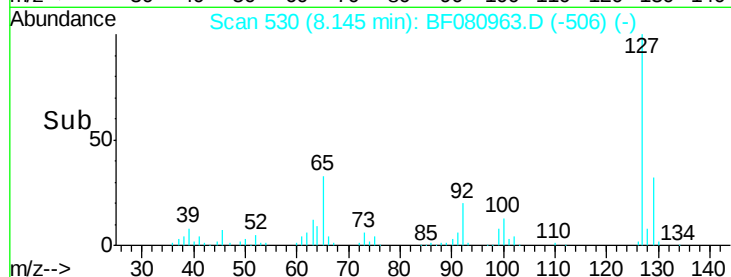
#33
4-Chloroaniline
Concen: 22.19 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:	127	Resp:	115861
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	33.3	30.6	45.8
92	20.0	16.9	25.3

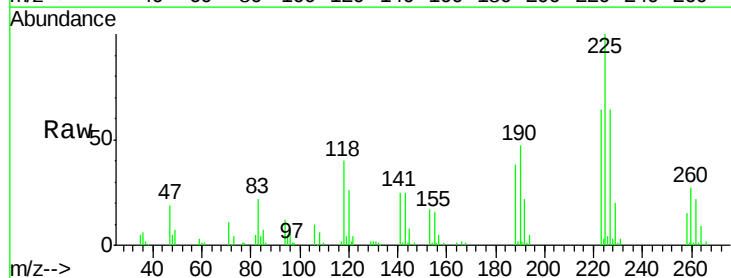


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

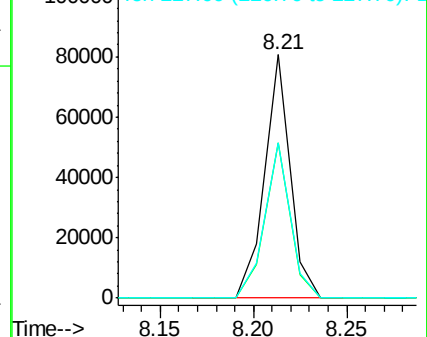
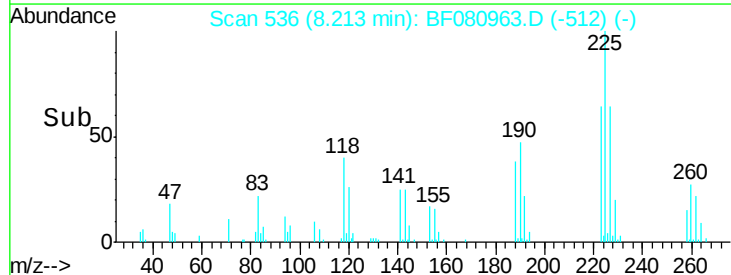


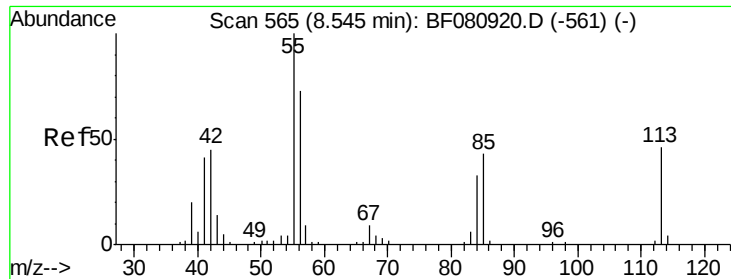
#34
Hexachlorobutadiene
Concen: 35.63 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion:	225	Resp:	76116
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.5	78.7
227	64.0	50.3	75.5



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

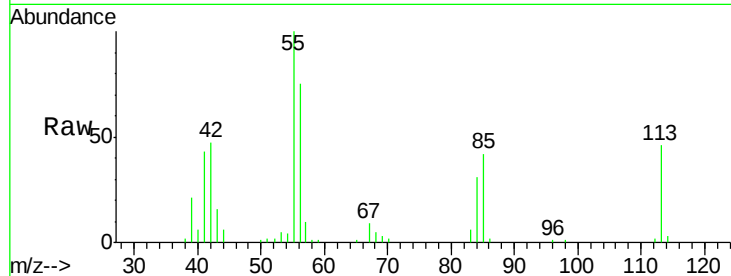




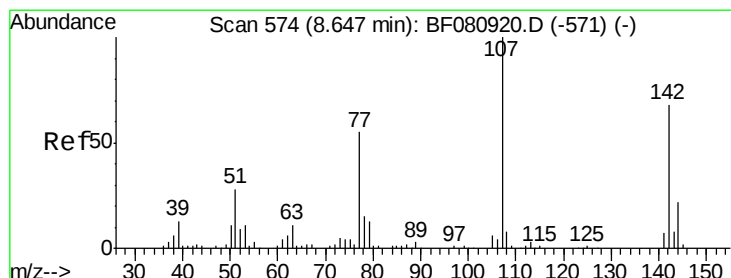
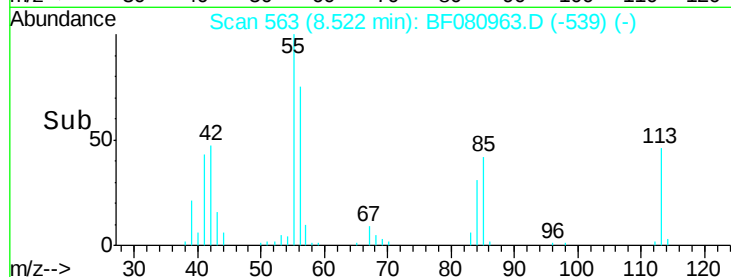
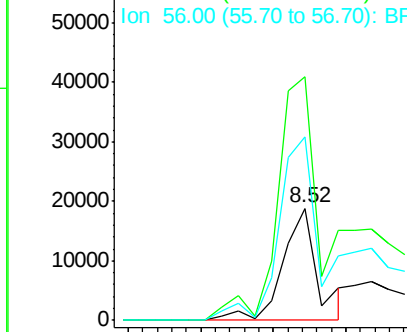
#35
Caprolactam
Concen: 26.50 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:113 Resp: 31317
Ion Ratio Lower Upper
113 100
55 216.8 196.4 236.4
56 163.5 137.9 177.9

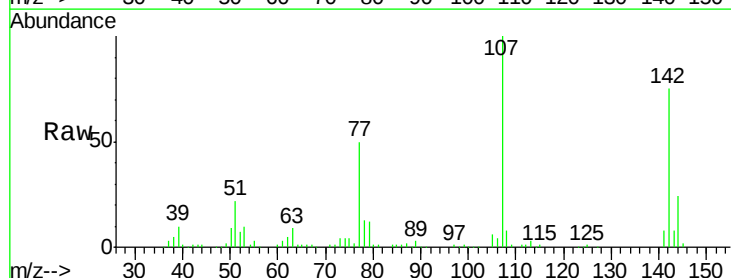


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

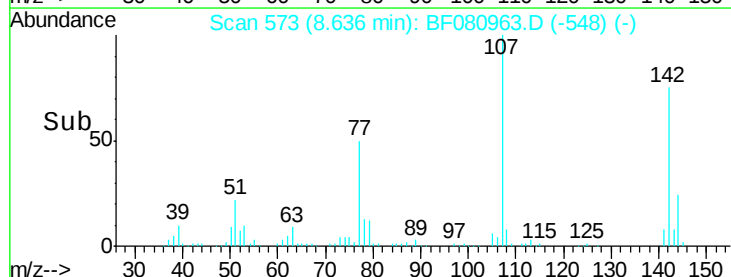
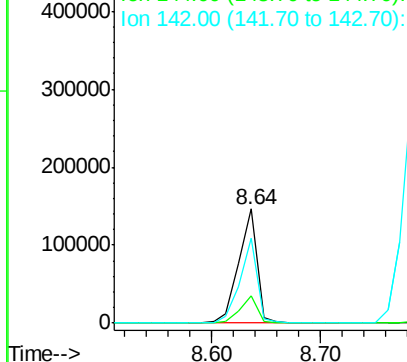


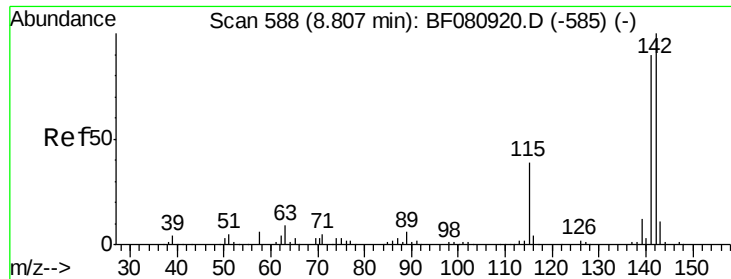
#36
4-Chloro-3-methylphenol
Concen: 42.22 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion:107 Resp: 169229
Ion Ratio Lower Upper
107 100
144 24.2 17.3 25.9
142 74.8 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

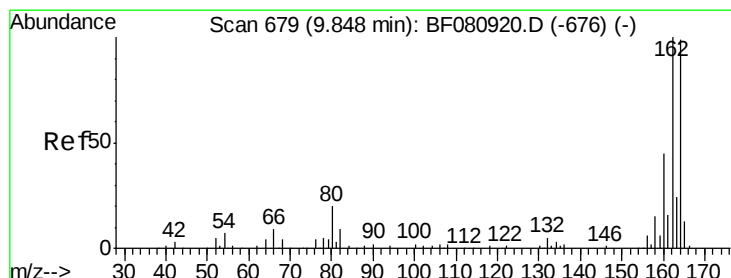
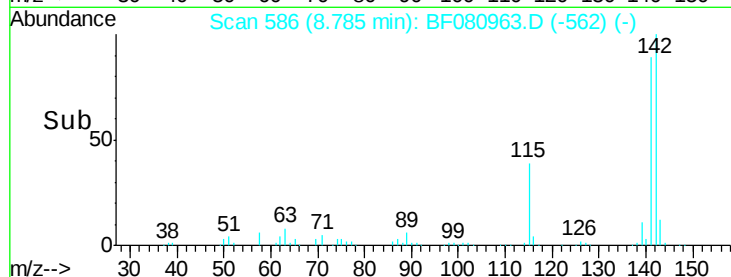
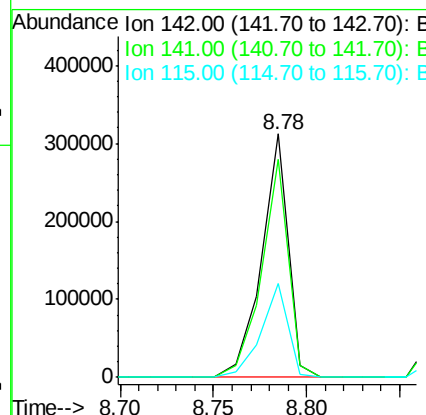
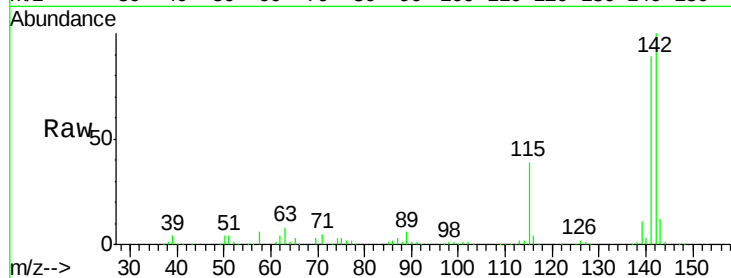




#37
2-Methylnaphthalene
Concen: 37.73 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

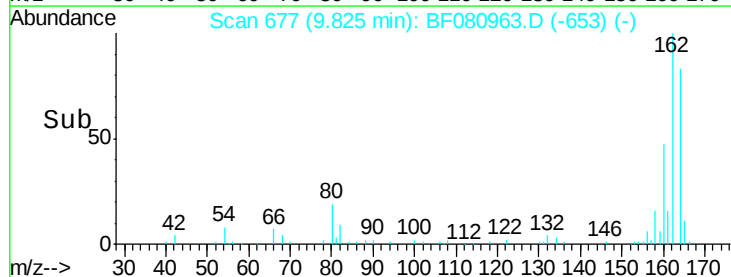
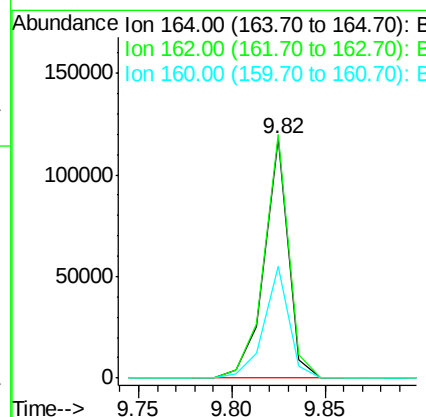
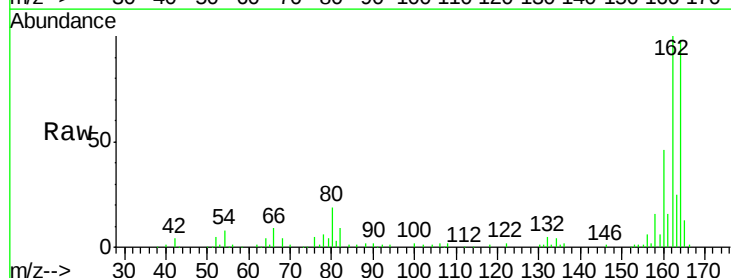
Instrument :
BNA_F
ClientSampleId :
PB84907BS

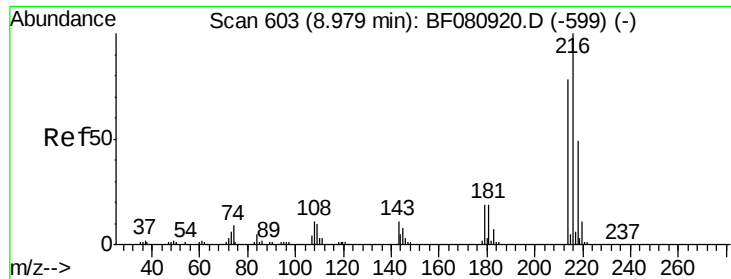
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5
115	38.5	30.9	46.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.5	120.7
160	46.7	36.6	54.8

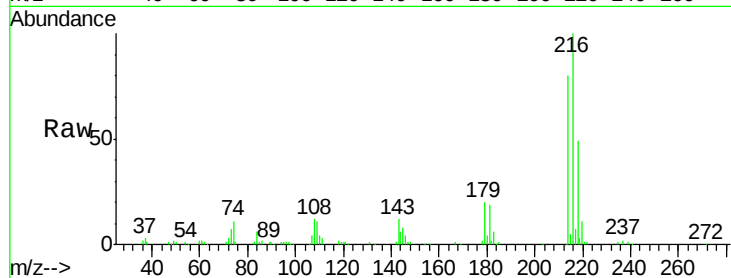




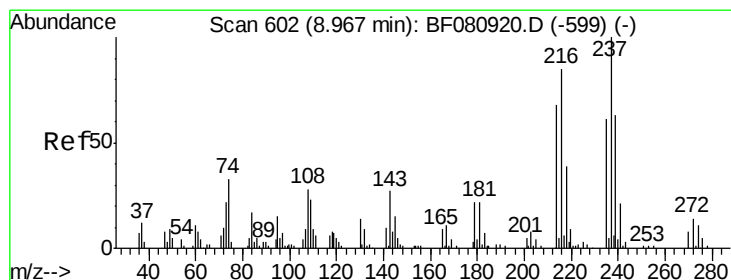
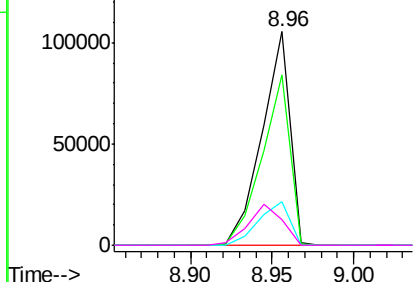
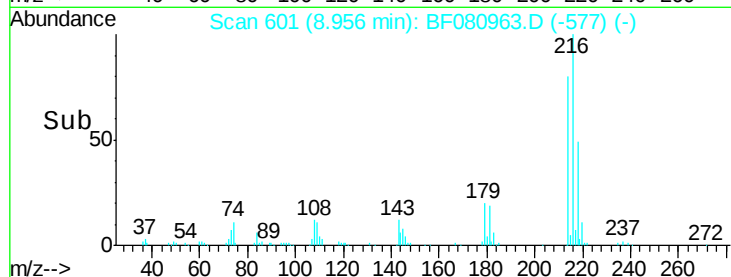
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.01 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:216	Resp:	125499
Ion Ratio	Lower	Upper
216	100	
214	80.0	63.0 94.4
179	22.3	17.2 25.8
108	23.4	16.1 24.1

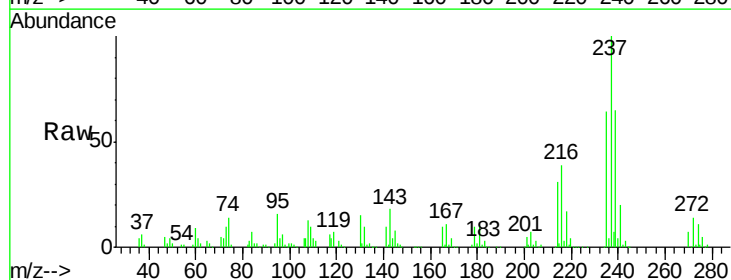


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

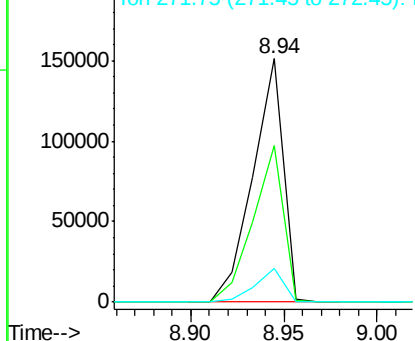
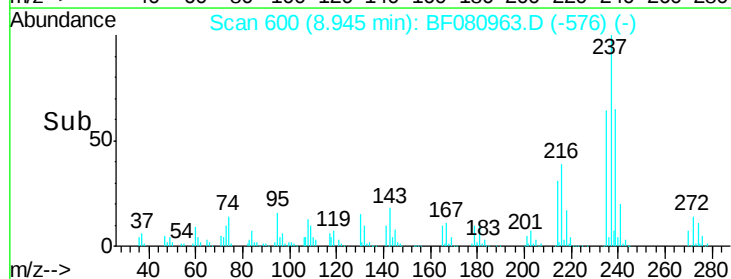


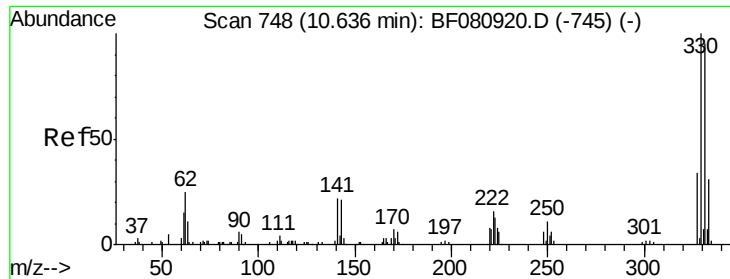
#40
 Hexachlorocyclopentadiene
 Concen: 94.94 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion:237	Resp:	171022
Ion Ratio	Lower	Upper
237	100	
235	64.1	41.3 81.3
272	13.7	0.0 33.6



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

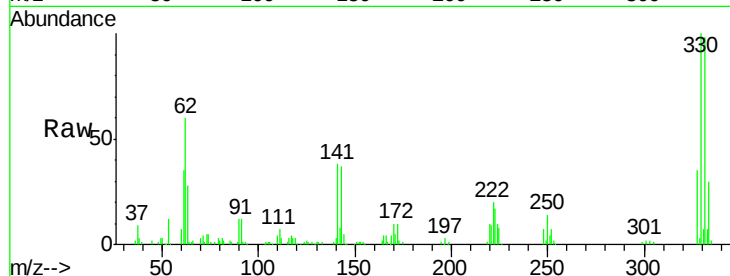




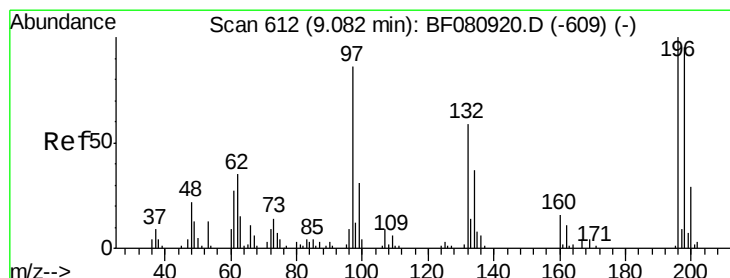
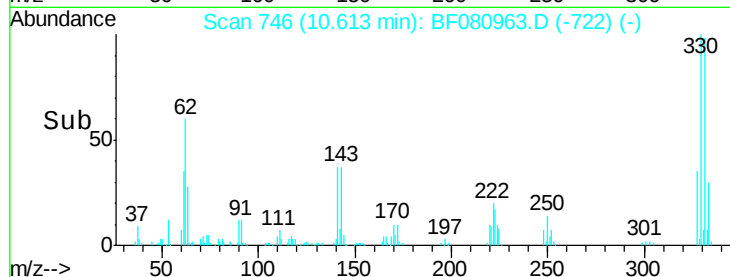
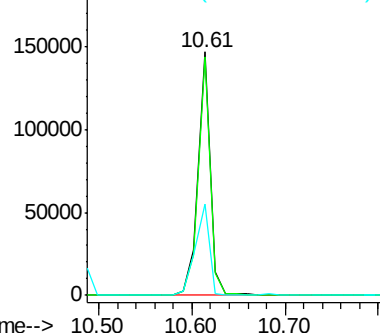
#41
 2,4,6-Tribromophenol
 Concen: 113.65 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	43.0	27.8	41.8#

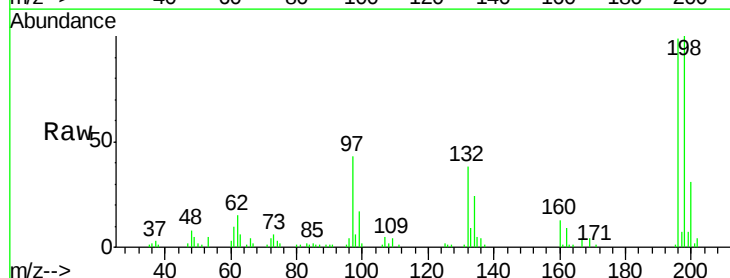


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

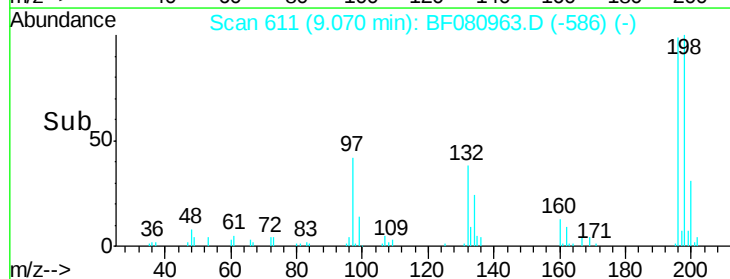
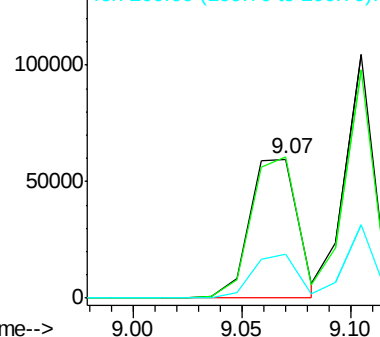


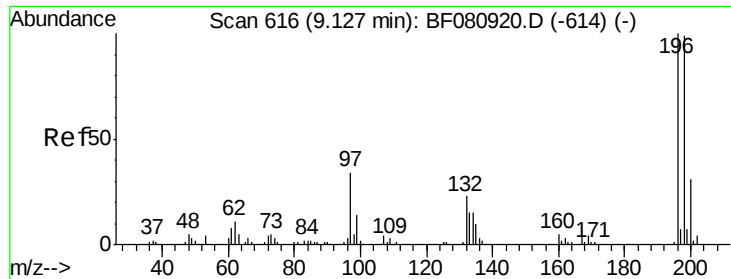
#42
 2,4,6-Trichlorophenol
 Concen: 37.98 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	75.9	113.9
200	31.8	23.1	34.7



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

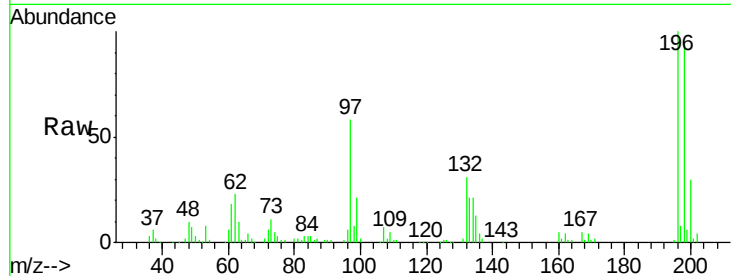




#43
 2,4,5-Trichlorophenol
 Concen: 41.07 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	78.9	118.3
97	58.5	29.1	43.7#
132	31.2	19.1	28.7#



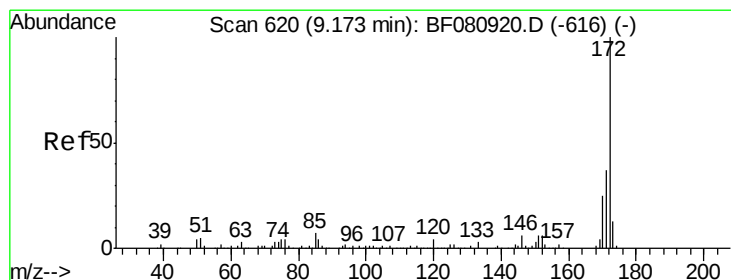
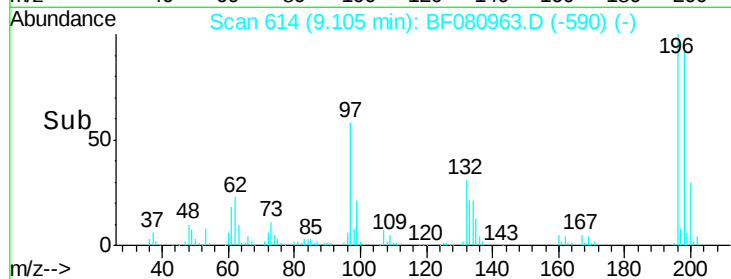
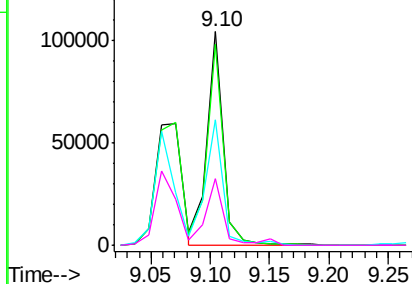
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

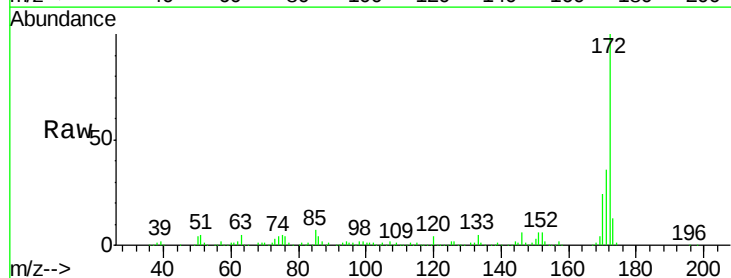
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.46 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.1	19.7	29.5

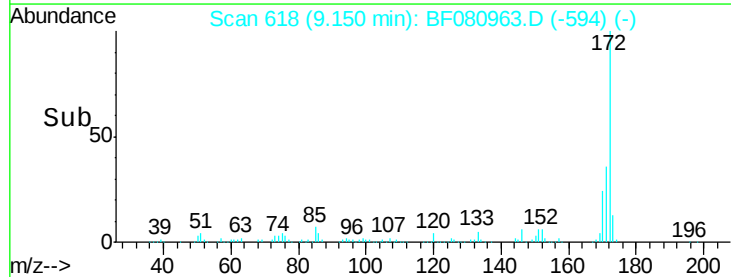
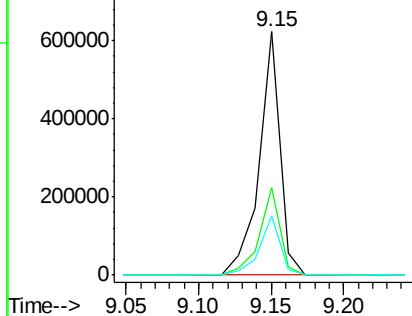


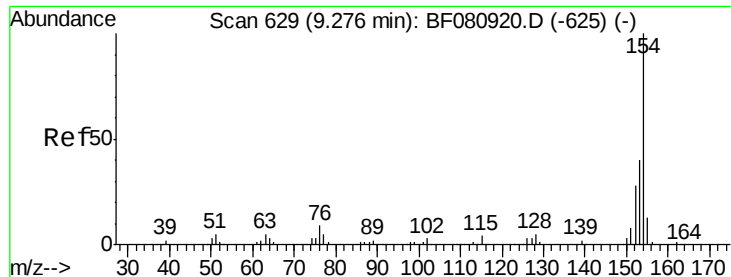
Abundance

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: 40.60 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

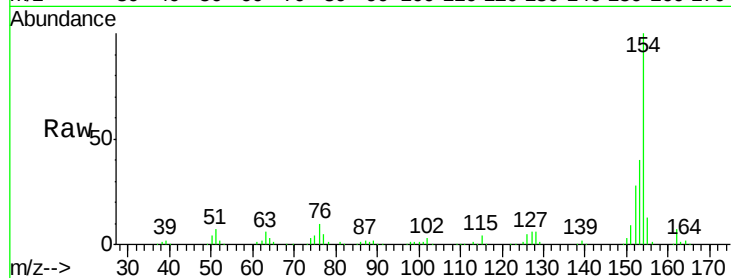
Tot Ion:154 Resp: 373096

Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

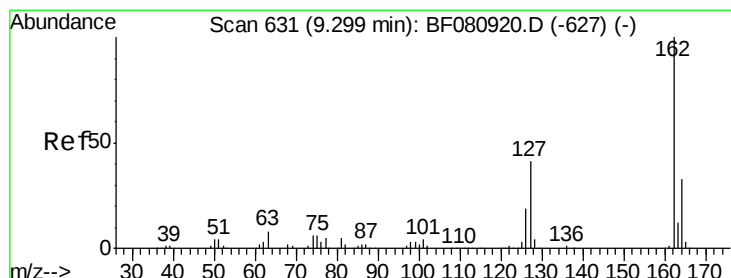
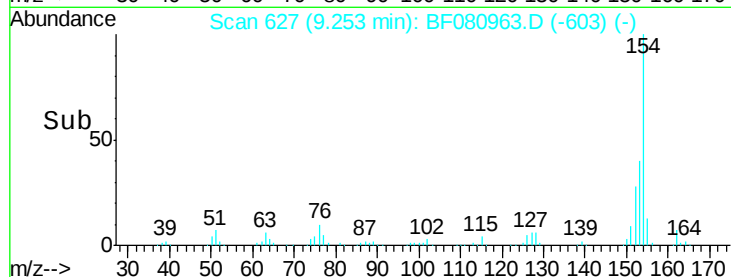
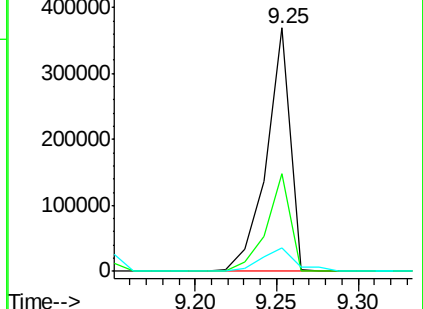
76 9.8 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.05 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

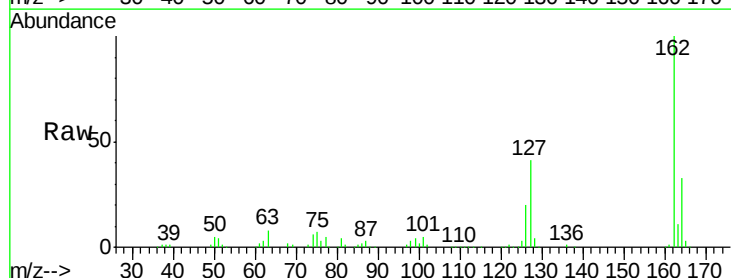
Tgt Ion:162 Resp: 272608

Ion Ratio Lower Upper

162 100

127 40.7 32.5 48.7

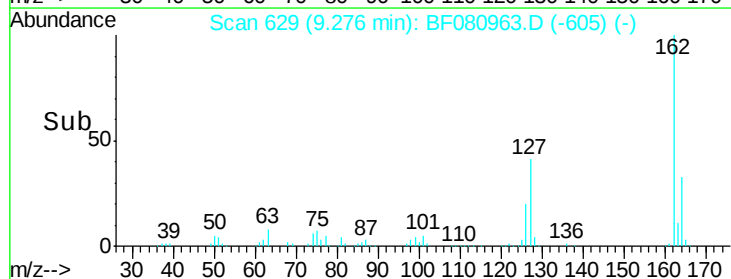
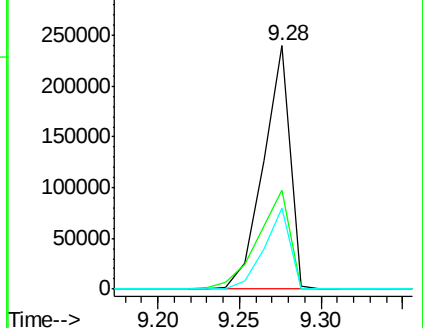
164 33.2 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

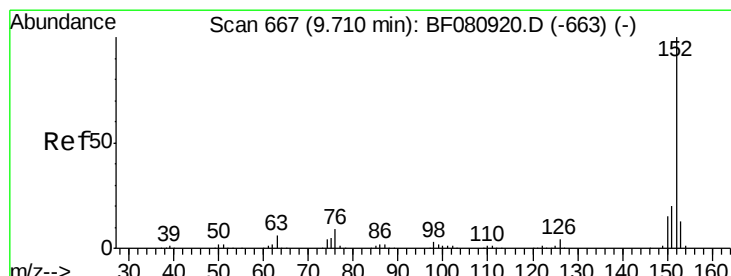
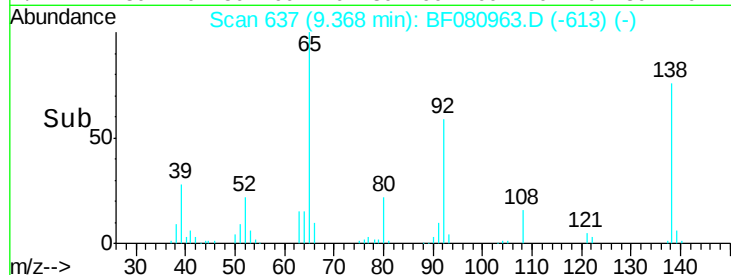
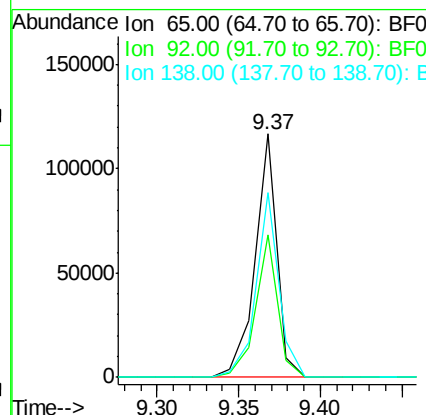
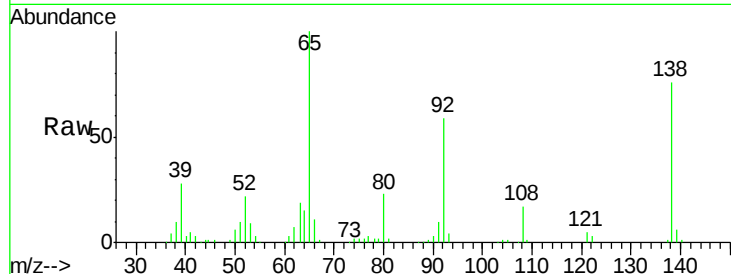




#47
 2-Nitroaniline
 Concen: 37.58 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

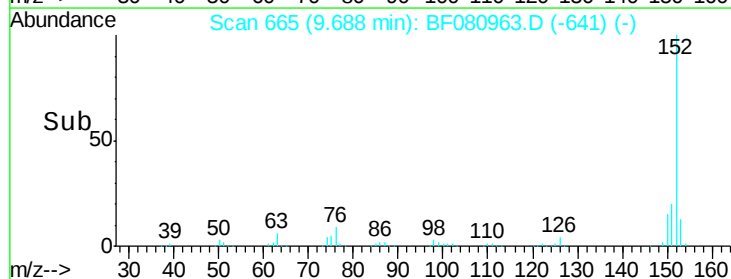
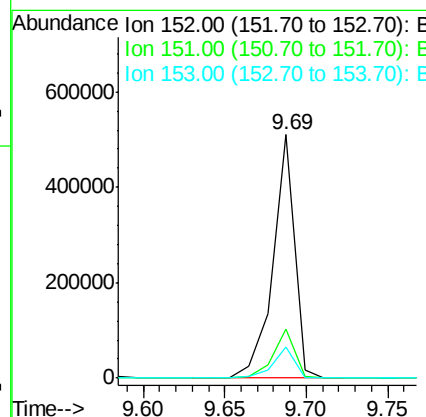
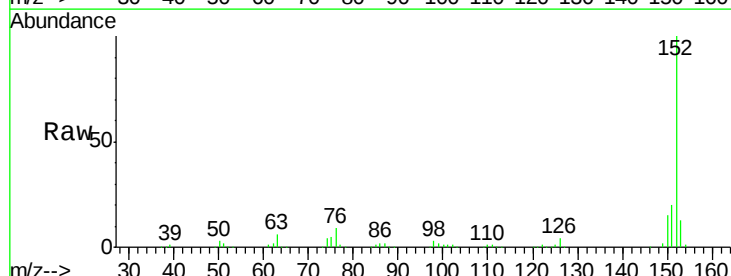
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

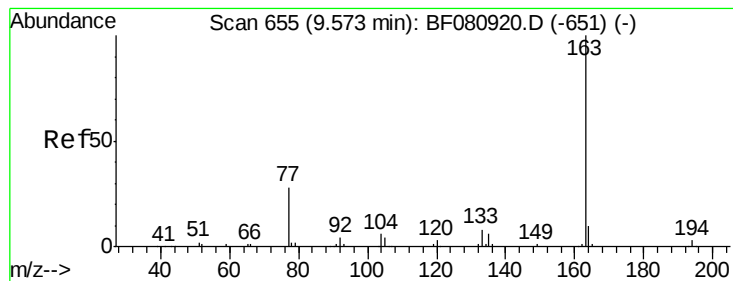
Tot Ion: 65 Resp: 107959
 Ion Ratio Lower Upper
 65 100
 92 58.5 48.0 72.0
 138 75.6 66.1 99.1



#48
 Acenaphthylene
 Concen: 37.82 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion: 152 Resp: 471086
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 12.9 10.5 15.7





#49

Dimethylphthalate

Concen: 35.29 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleID :

PB84907BS

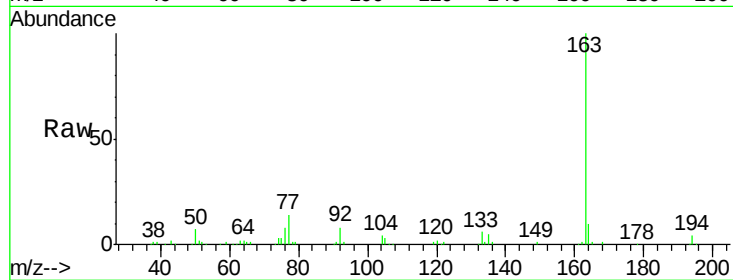
Tot Ion:163 Resp: 313949

Ion Ratio Lower Upper

163 100

194 3.9 2.4 3.6#

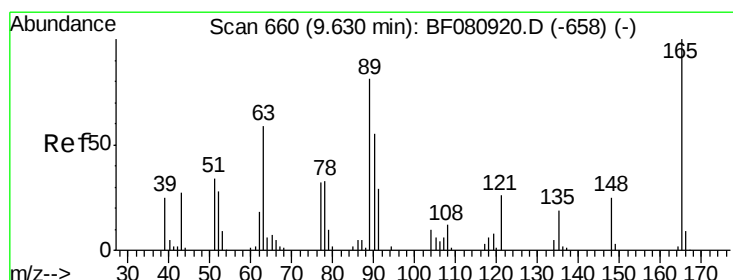
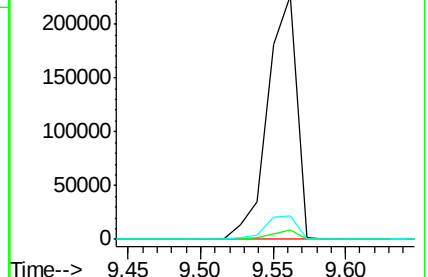
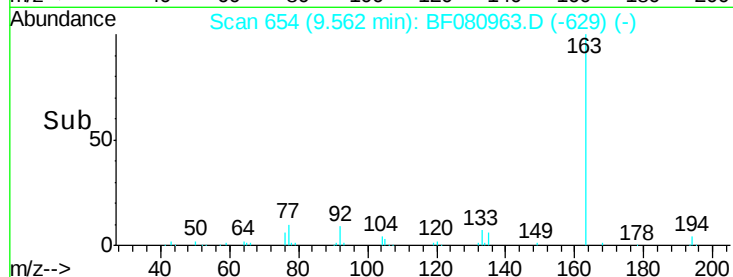
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.78 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

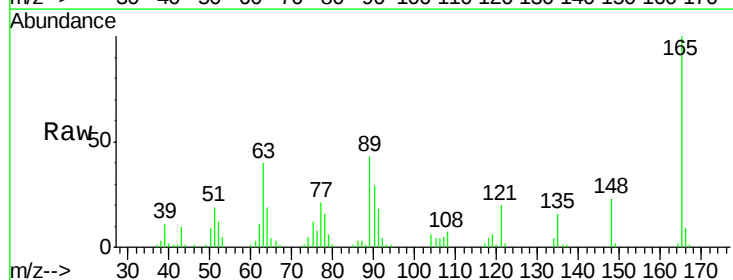
Tgt Ion:165 Resp: 63908

Ion Ratio Lower Upper

165 100

63 39.8 77.6 116.4#

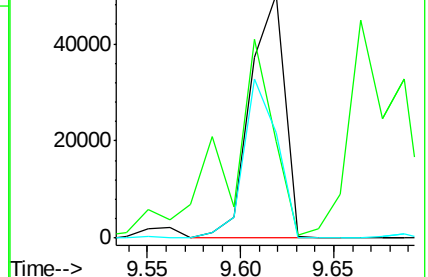
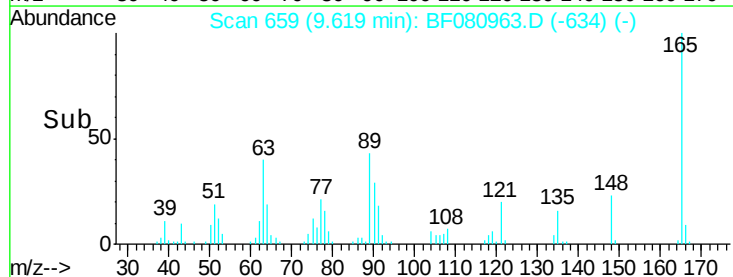
89 43.2 64.5 96.7#

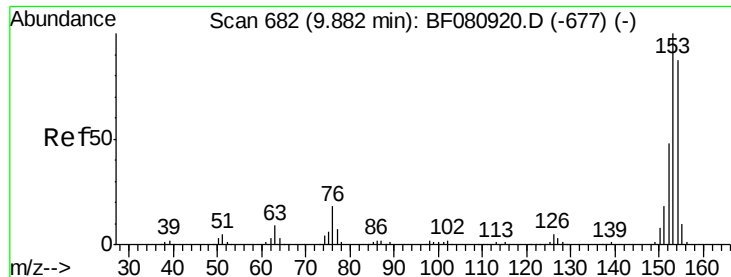


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.13 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

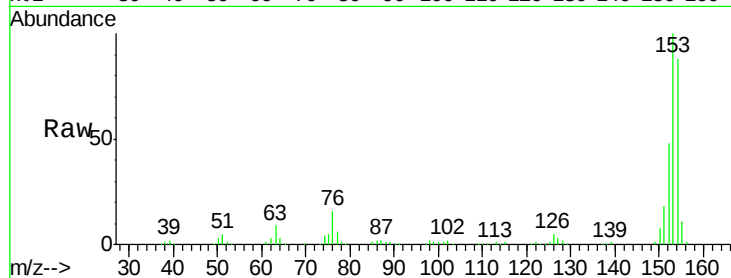
Tot Ion:154 Resp: 321391

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

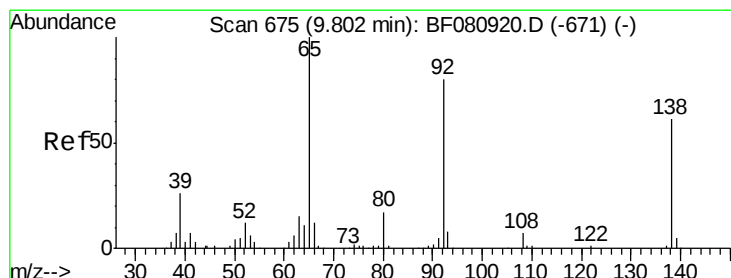
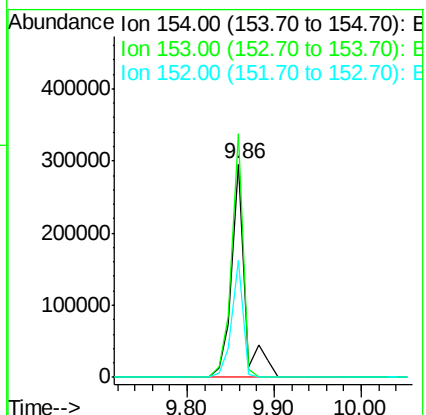
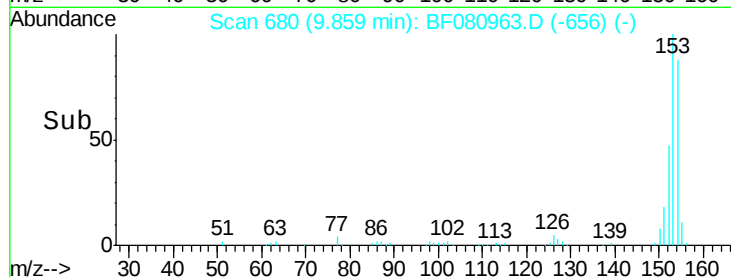
152 54.9 44.2 66.4



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: 23.26 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

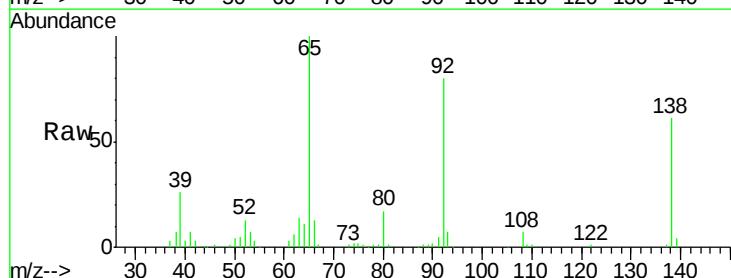
Tgt Ion:138 Resp: 52702

Ion Ratio Lower Upper

138 100

108 10.8 8.7 13.1

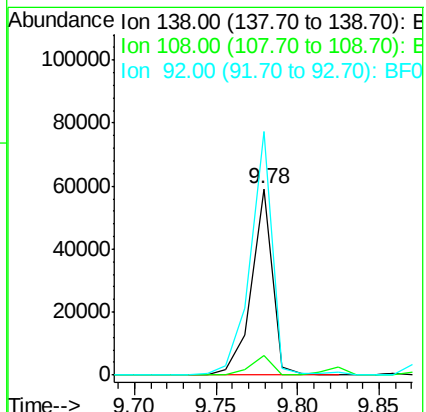
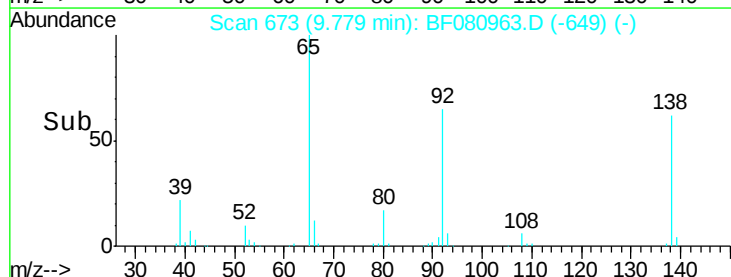
92 130.5 104.4 156.6

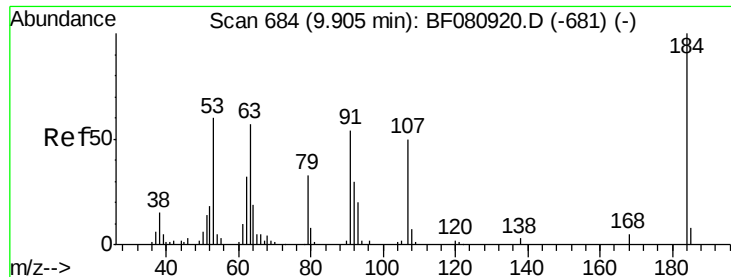


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

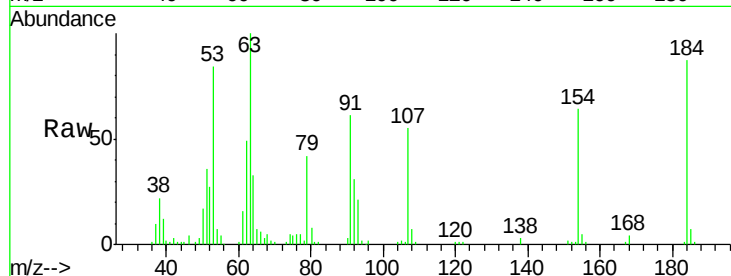




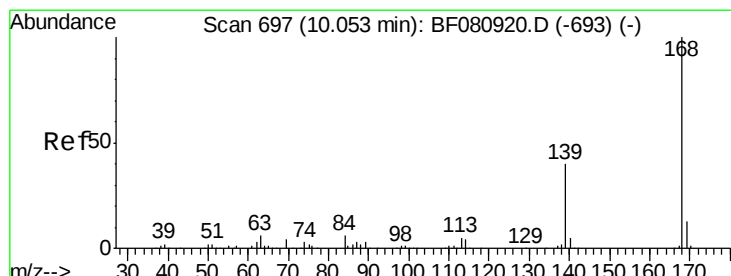
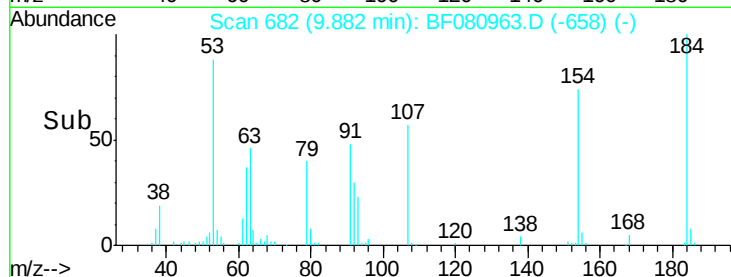
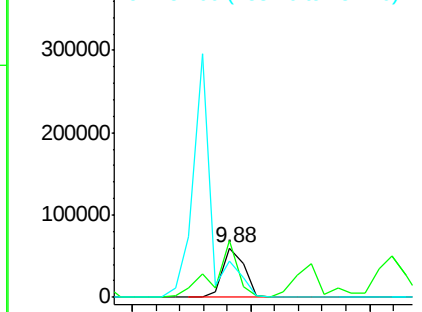
#53
2,4-Dinitrophenol
Concen: 69.88 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:184 Resp: 77074
Ion Ratio Lower Upper
184 100
63 114.6 59.7 89.5#
154 73.9 53.8 80.8

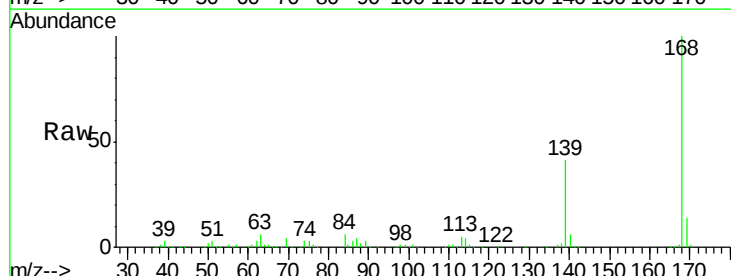


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

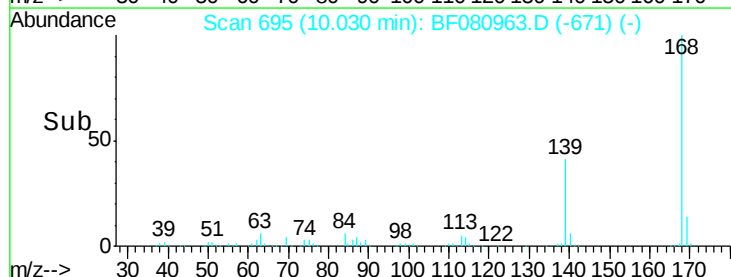
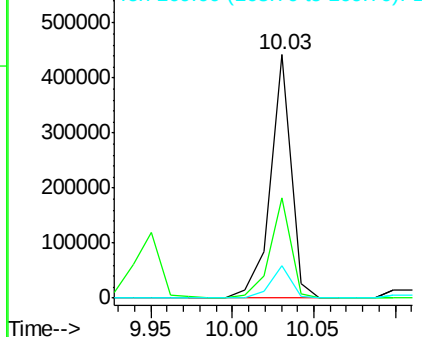


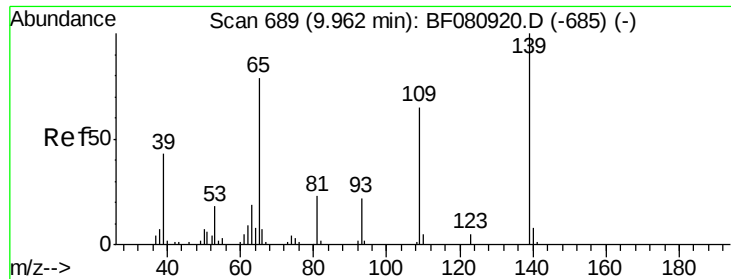
#54
Dibenzofuran
Concen: 37.81 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion:168 Resp: 390031
Ion Ratio Lower Upper
168 100
139 41.3 31.9 47.9
169 13.6 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: 81.40 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

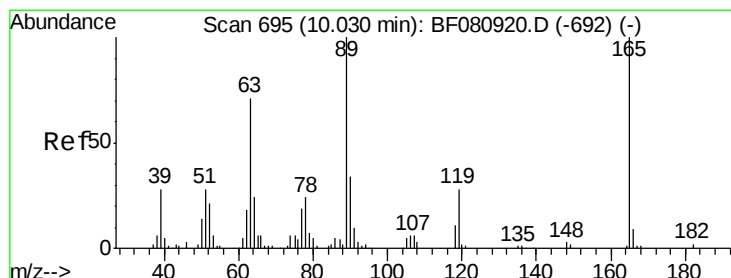
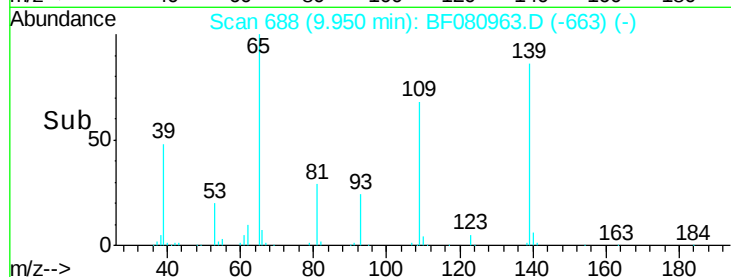
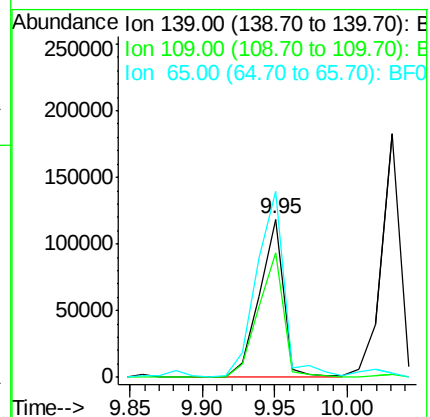
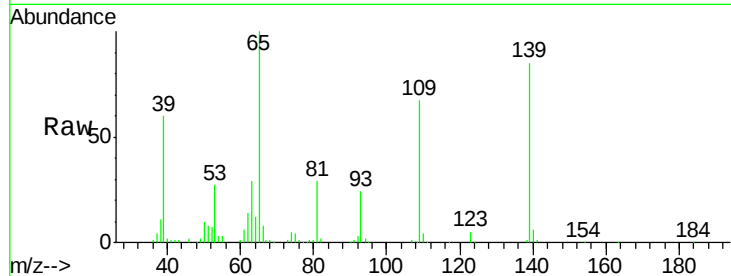
Tot Ion:139 Resp: 138042

Ion Ratio Lower Upper

139 100

109 79.1 44.7 84.7

65 117.4 59.5 99.5#



#56

2,4-Dinitrotoluene

Concen: 42.68 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Tgt Ion:165 Resp: 104959

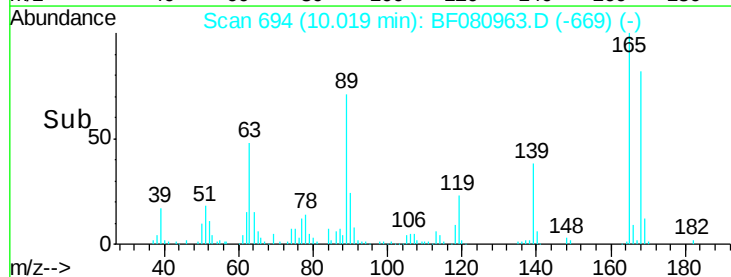
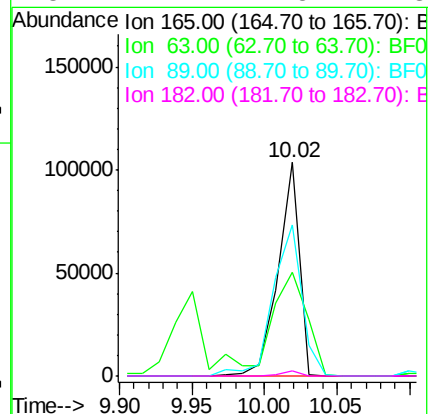
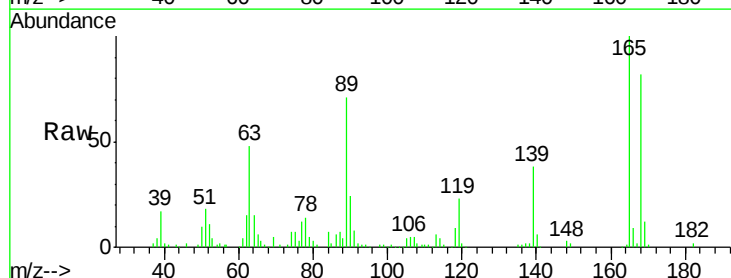
Ion Ratio Lower Upper

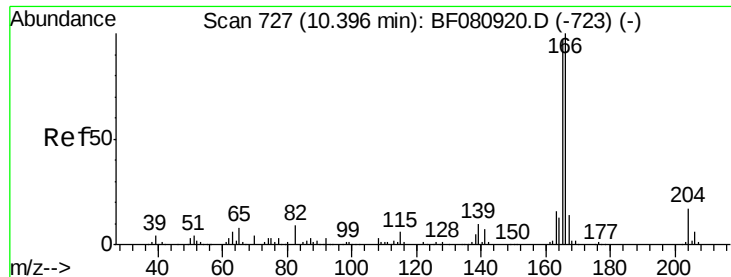
165 100

63 48.3 56.7 85.1#

89 70.7 80.4 120.6#

182 2.2 1.5 2.3

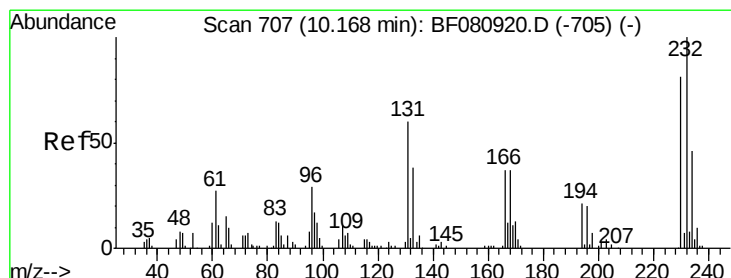
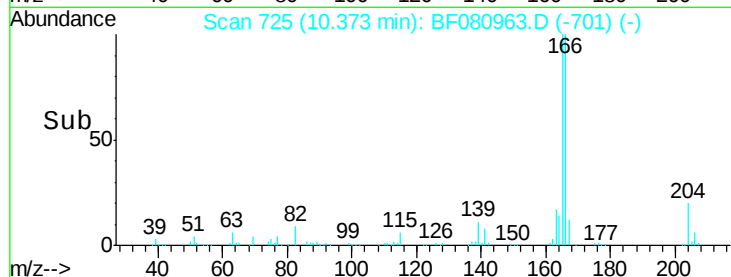
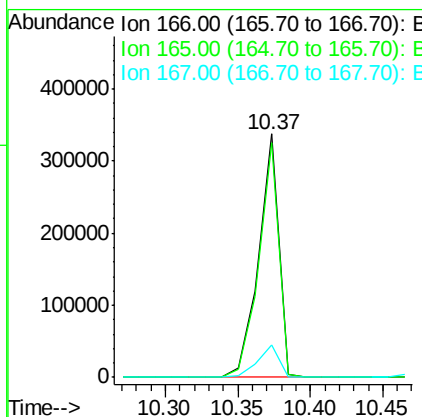
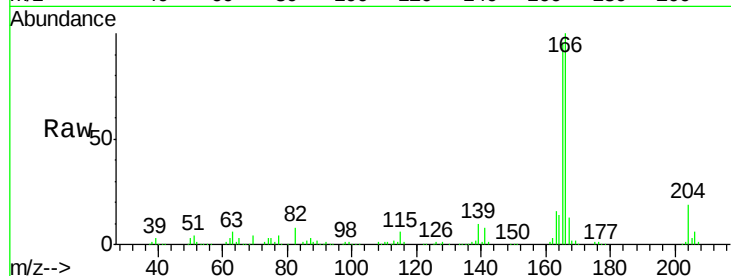




#57
 Fluorene
 Concen: 40.82 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

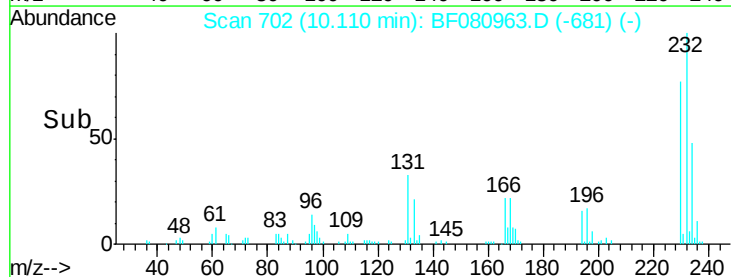
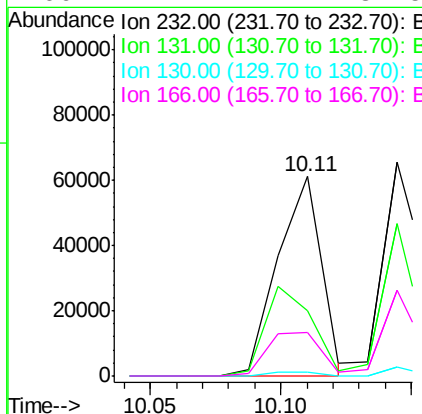
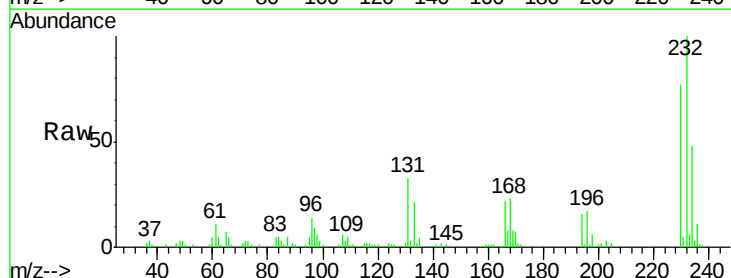
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

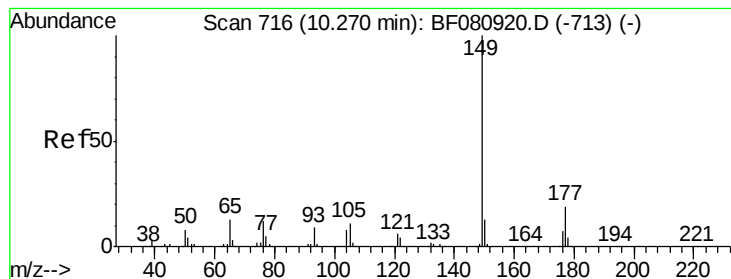
Tot Ion:166 Resp: 325775
 Ion Ratio Lower Upper
 166 100
 165 96.2 77.2 115.8
 167 13.3 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.06 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion:232 Resp: 71397
 Ion Ratio Lower Upper
 232 100
 131 48.6 39.4 59.2
 130 2.3 2.1 3.1
 166 27.1 21.7 32.5





#59

Diethylphthalate

Concen: 37.52 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

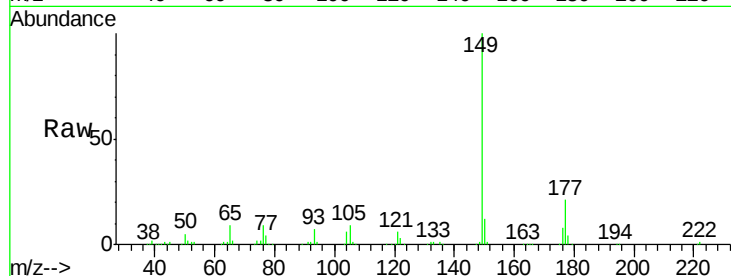
Tot Ion:149 Resp: 347412

Ion Ratio Lower Upper

149 100

177 20.7 15.0 22.4

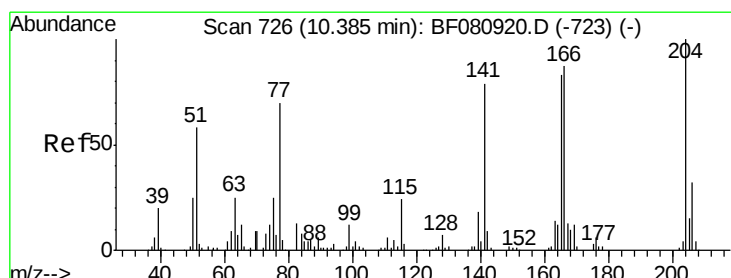
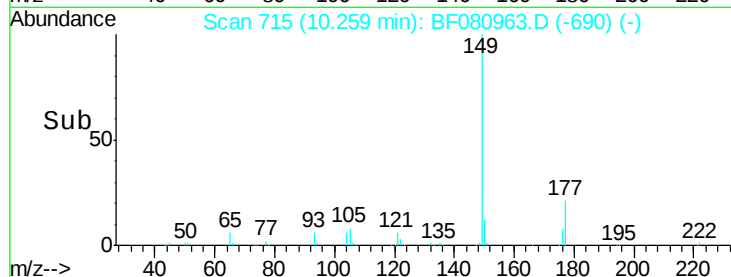
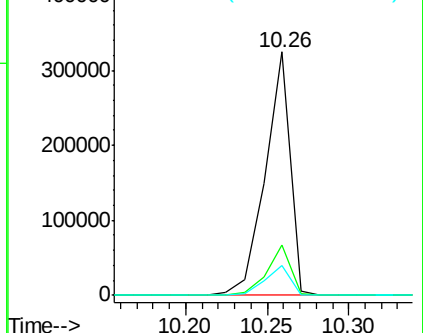
150 12.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.48 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

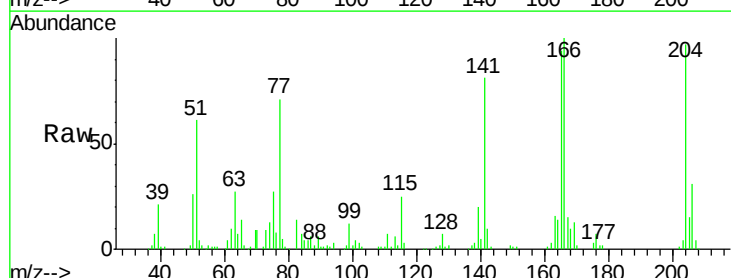
Tgt Ion:204 Resp: 130171

Ion Ratio Lower Upper

204 100

206 32.3 25.5 38.3

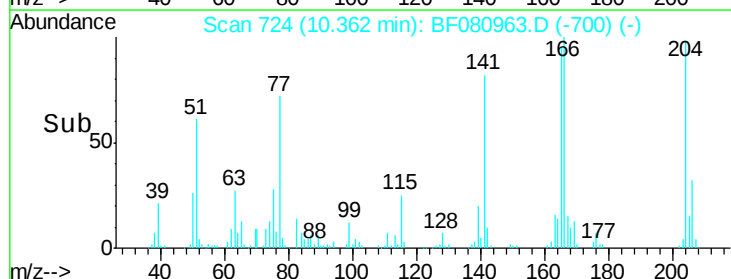
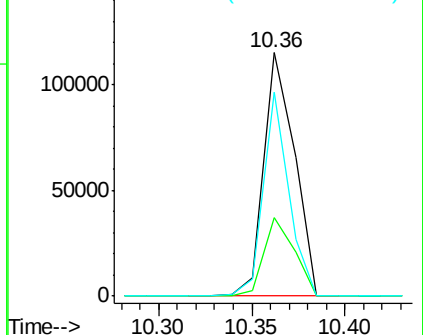
141 83.7 63.4 95.0

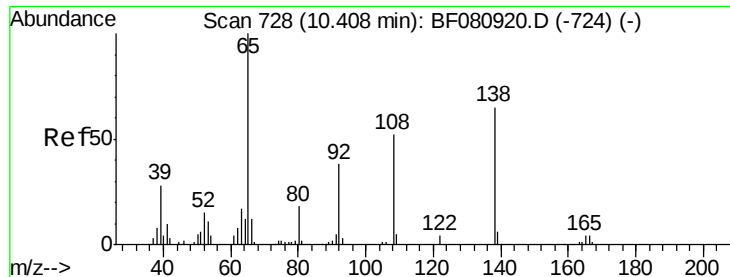


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

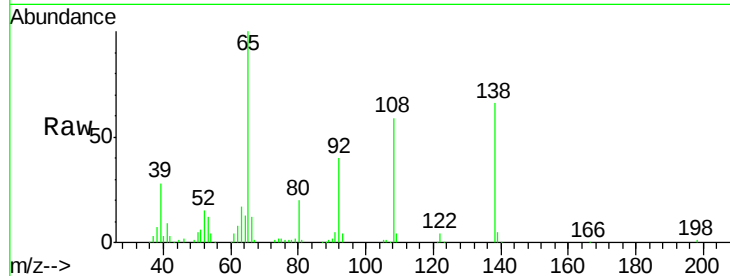




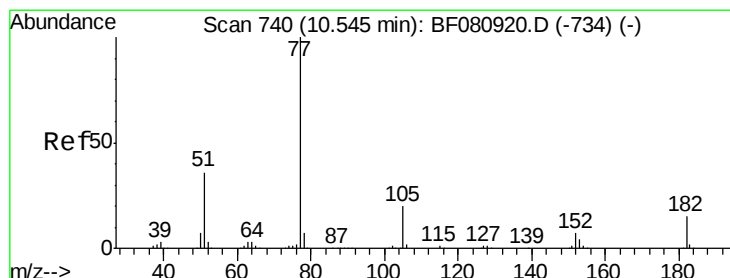
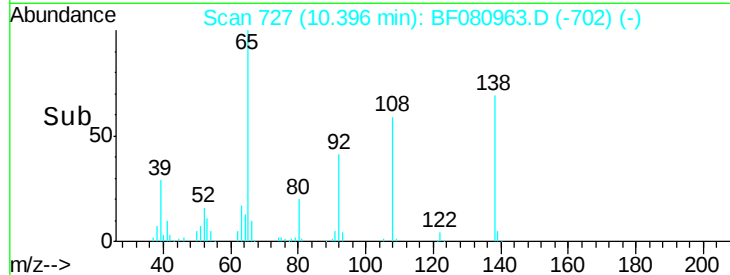
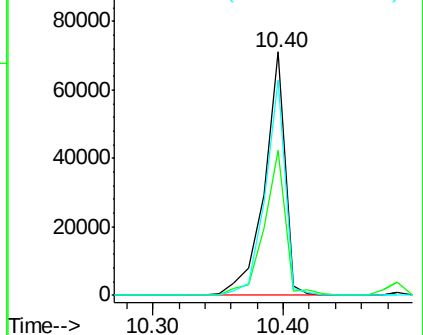
#61
4-Nitroaniline
Concen: 33.92 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion:138 Resp: 79082
Ion Ratio Lower Upper
138 100
92 59.8 38.1 78.1
108 88.6 59.9 99.9

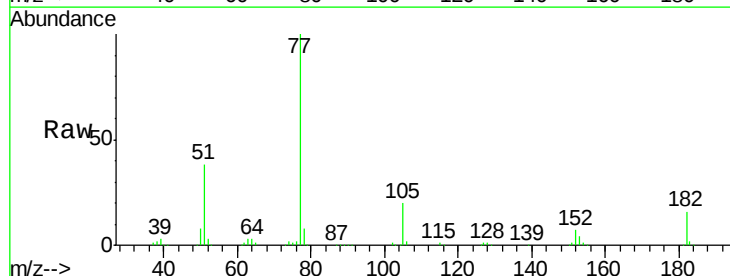


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

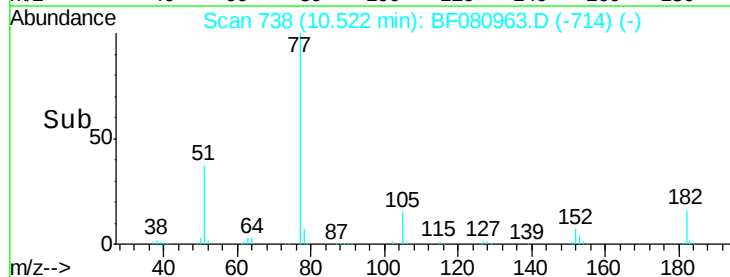
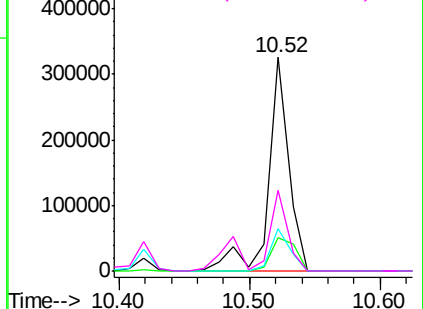


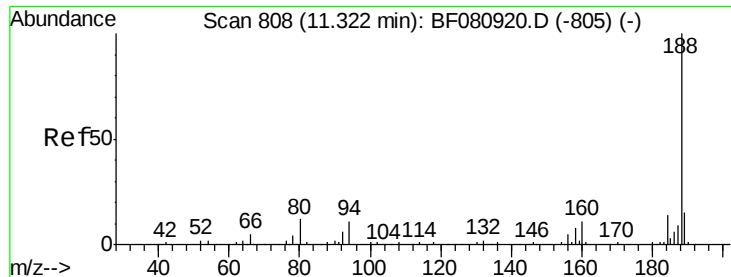
#62
Azobenzene
Concen: 34.58 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion: 77 Resp: 358050
Ion Ratio Lower Upper
77 100
182 15.7 0.0 35.5
105 19.8 0.5 40.5
51 37.6 15.6 55.6



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

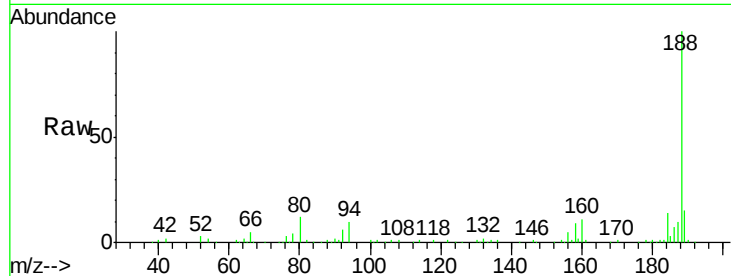




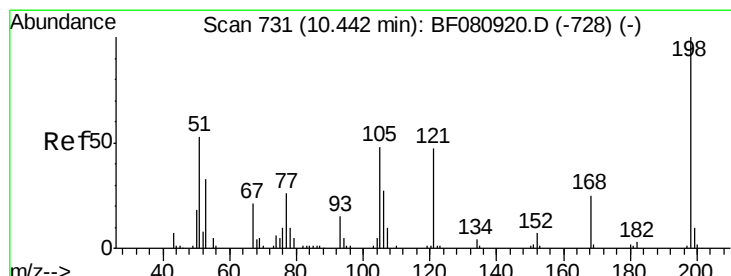
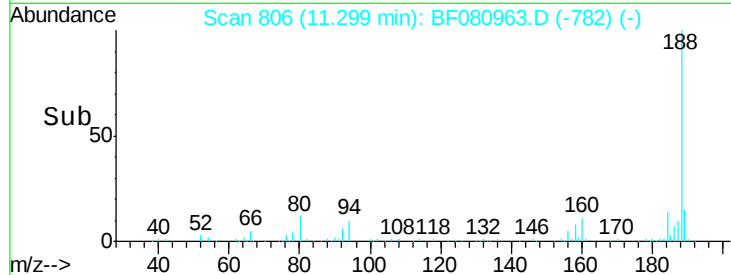
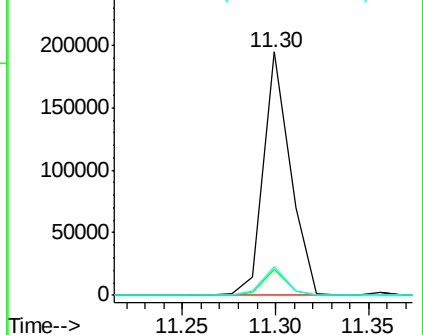
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	188	Resp	193365
Ion Ratio	100	Lower	Upper
94	10.5	8.8	13.2
80	11.9	9.5	14.3

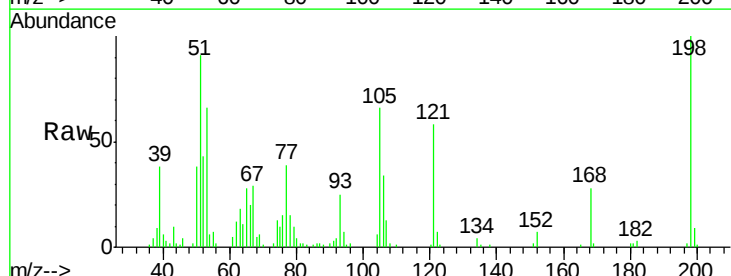


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

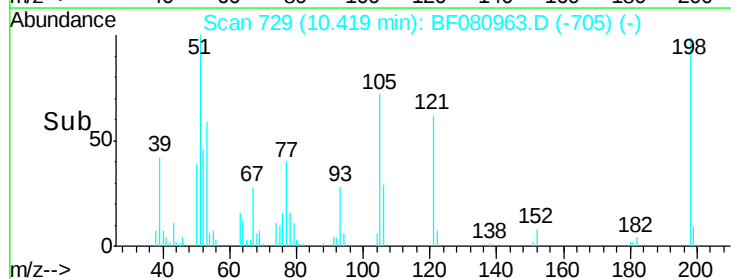
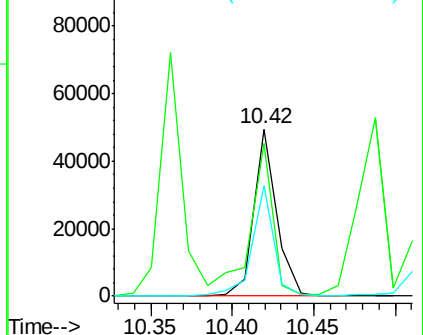


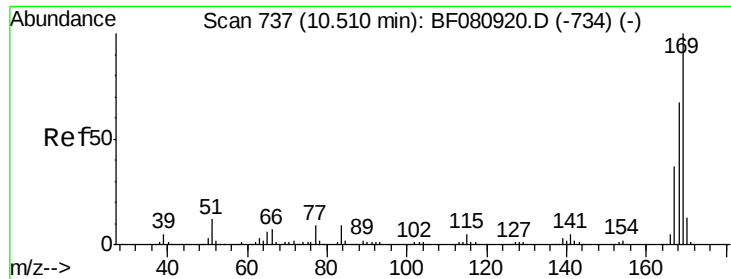
#64
4,6-Dinitro-2-methylphenol
Concen: 40.22 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion	198	Resp	48204
Ion Ratio	100	Lower	Upper
51	91.4	40.3	80.3#
105	65.8	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

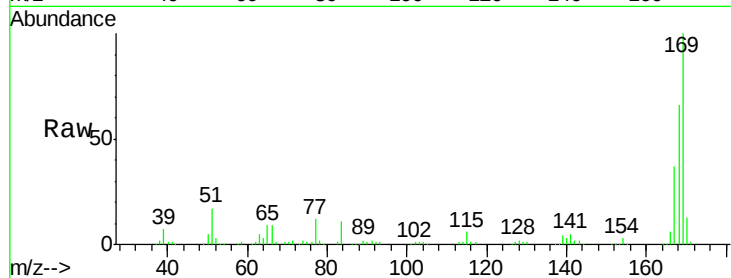




#65
 n-Nitrosodiphenylamine
 Concen: 41.60 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.7	80.5
167	37.1	29.3	43.9

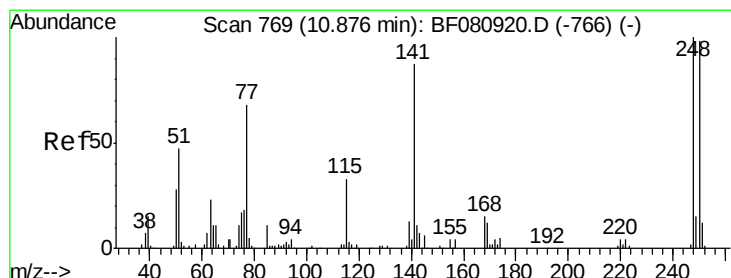
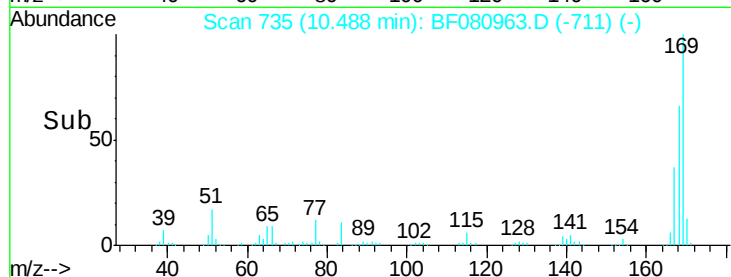
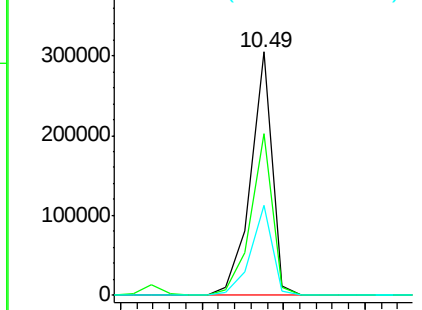


Abundance

Ion 169.00 (168.70 to 169.70): E

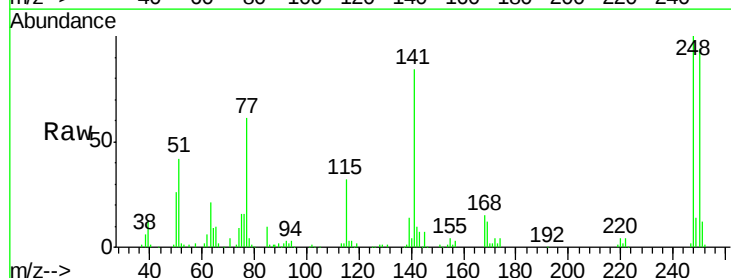
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 42.35 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.3	78.1	117.1
141	83.7	69.6	104.4

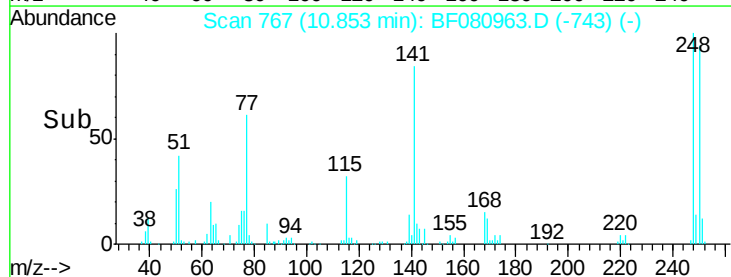
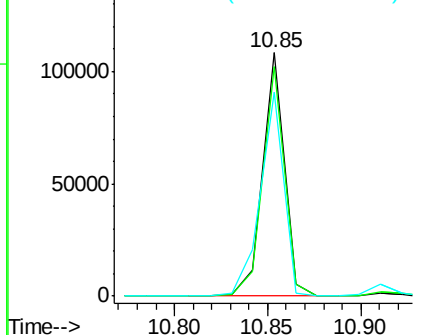


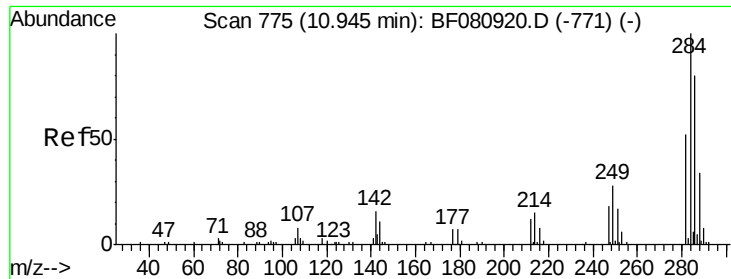
Abundance

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: 38.86 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

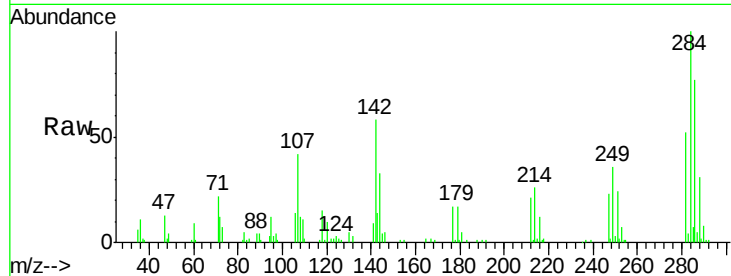
Tot Ion:284 Resp: 88484

Ion Ratio Lower Upper

284 100

142 57.8 12.8 19.2#

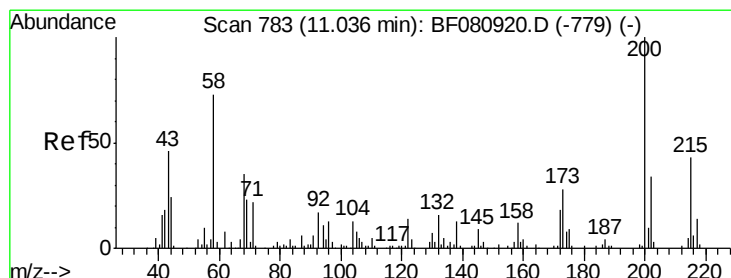
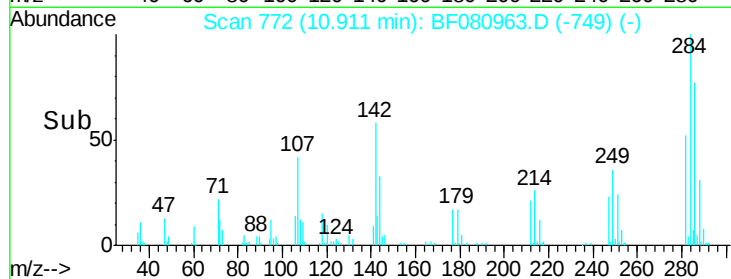
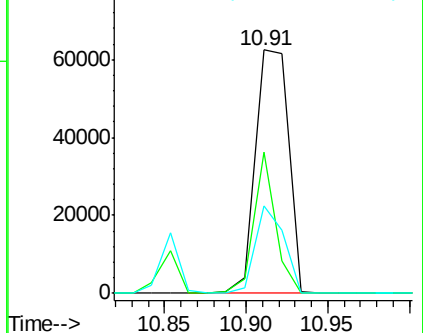
249 36.2 22.5 33.7#



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: 38.03 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

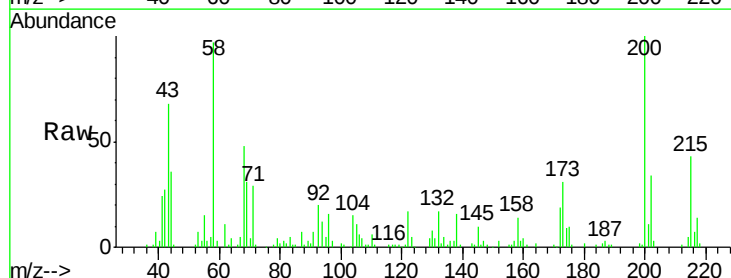
Tgt Ion:200 Resp: 74911

Ion Ratio Lower Upper

200 100

173 31.1 8.4 48.4

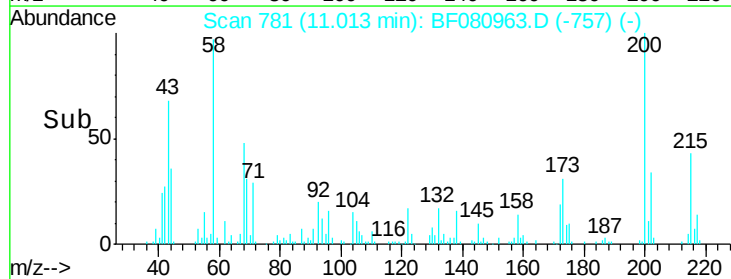
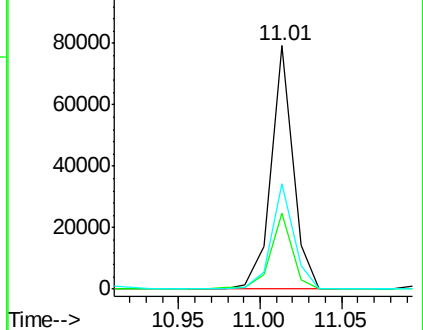
215 43.3 22.7 62.7



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

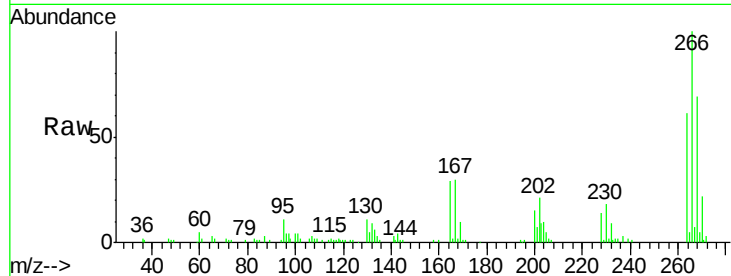




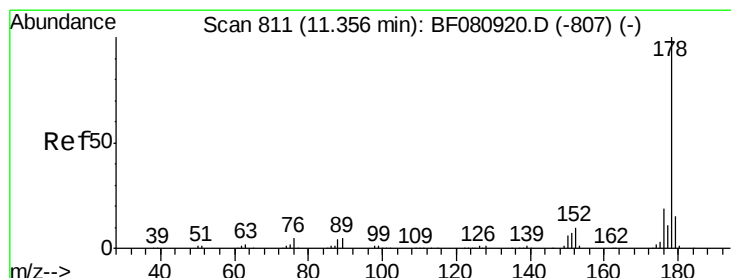
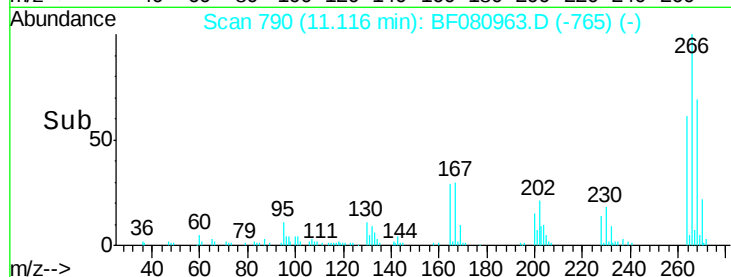
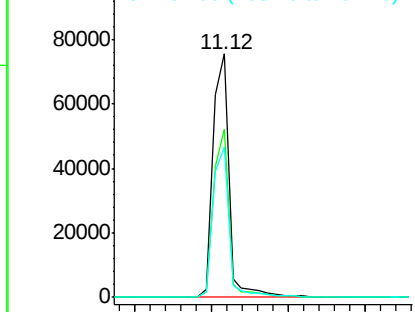
#69
 Pentachlorophenol
 Concen: 82.32 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:266 Resp: 108984
 Ion Ratio Lower Upper
 266 100
 268 69.1 51.6 77.4
 264 61.4 50.1 75.1

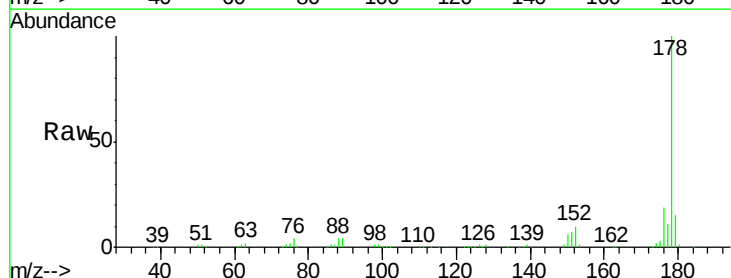


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

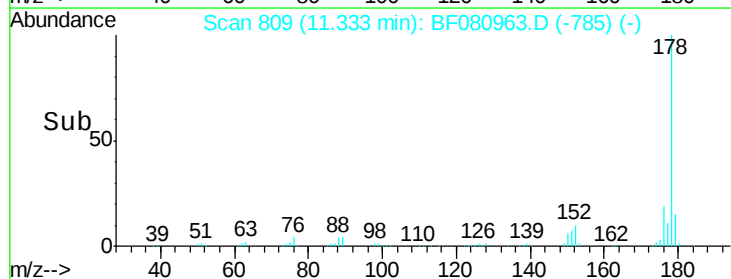
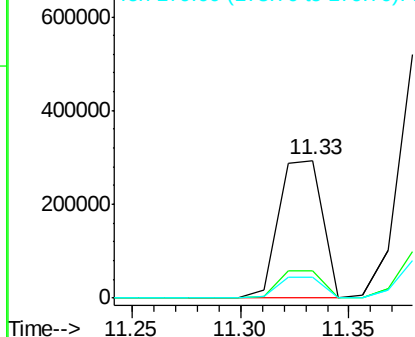


#70
 Phenanthrene
 Concen: 37.82 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion:178 Resp: 414153
 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

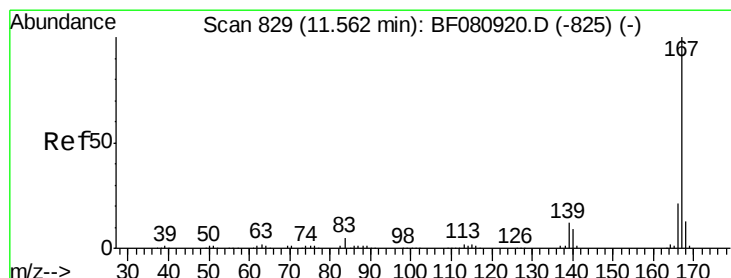
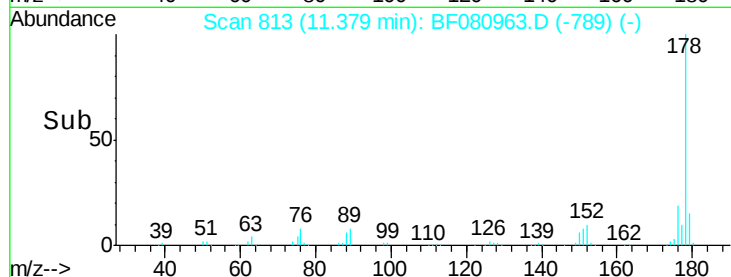
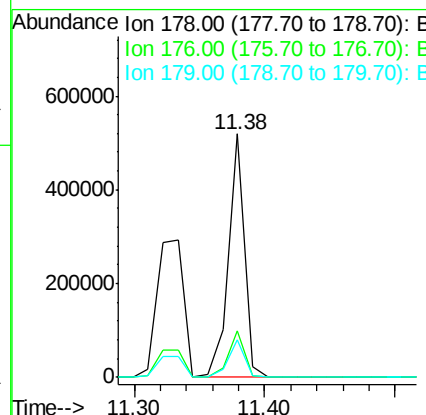
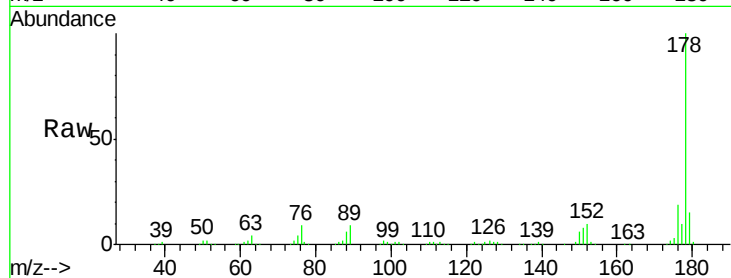




#71
 Anthracene
 Concen: 41.34 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

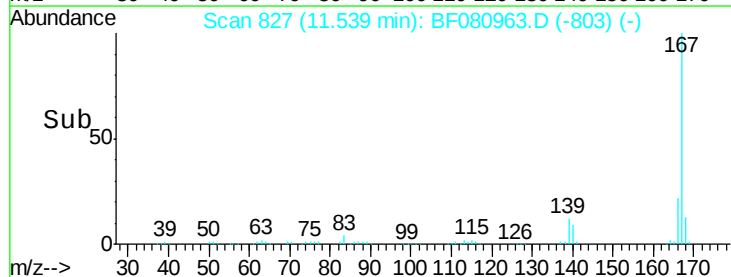
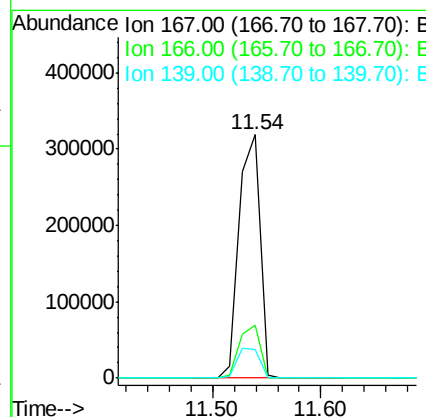
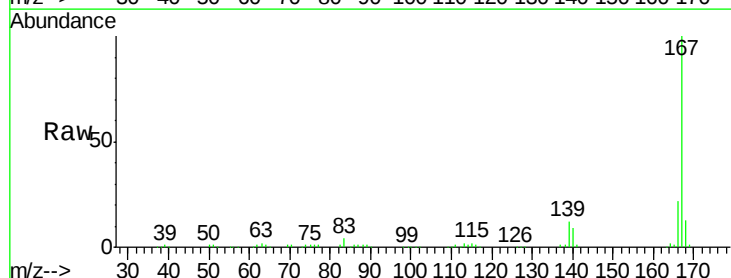
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:178 Resp: 448138
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 39.82 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion:167 Resp: 420238
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 11.8 9.2 13.8





#73

Di-n-butylphthalate

Concen: 40.57 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

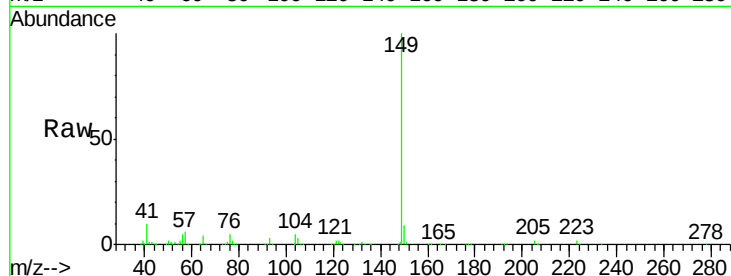
Tot Ion:149 Resp: 535453

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

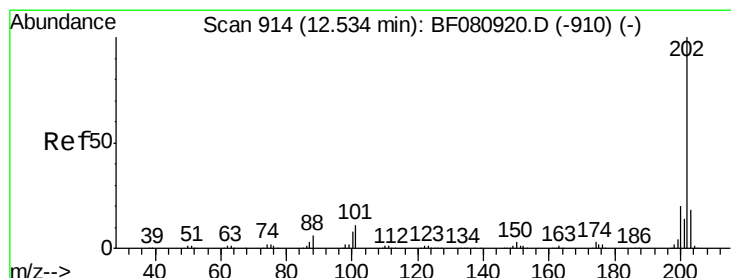
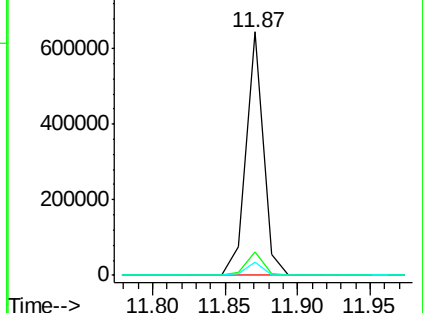
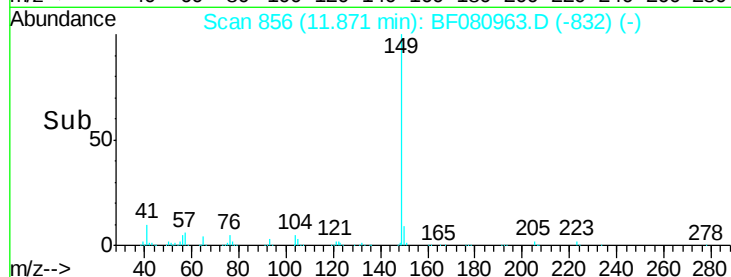
104 5.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.35 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

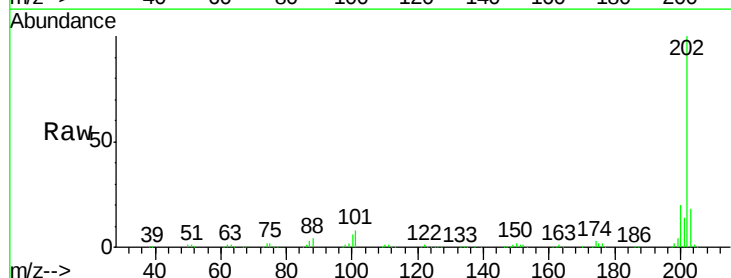
Tgt Ion:202 Resp: 513091

Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.5

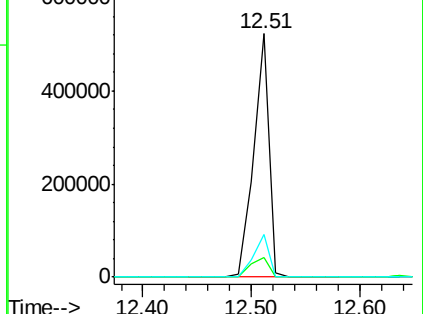
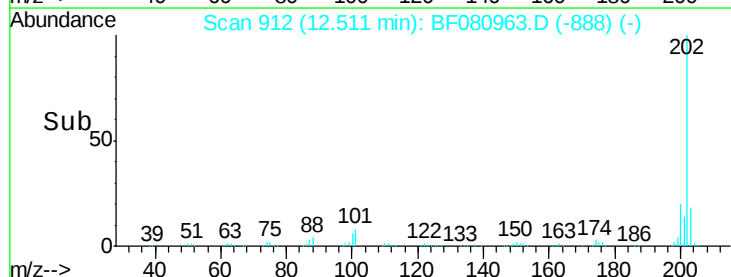
203 17.6 0.0 37.7

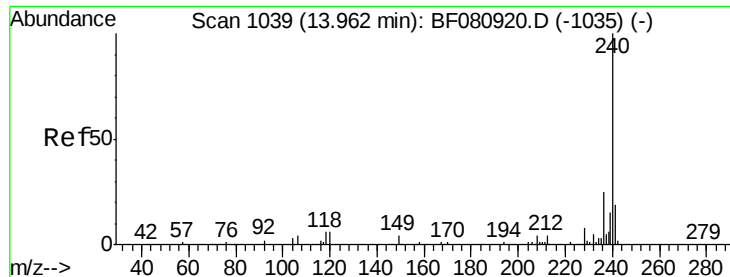


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

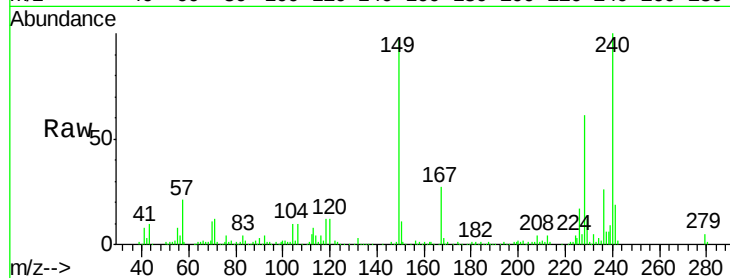
Tot Ion:240 Resp: 172672

Ion Ratio Lower Upper

240 100

120 12.3 5.2 7.8#

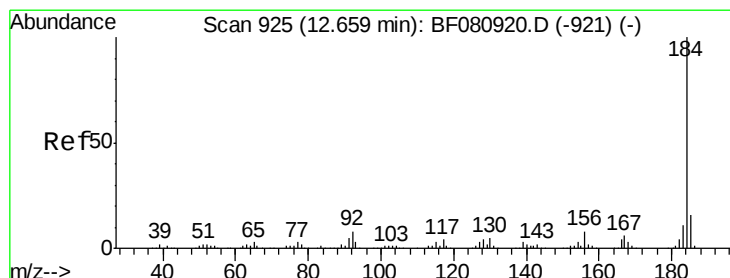
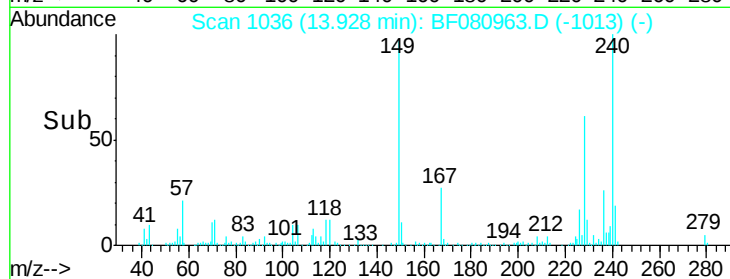
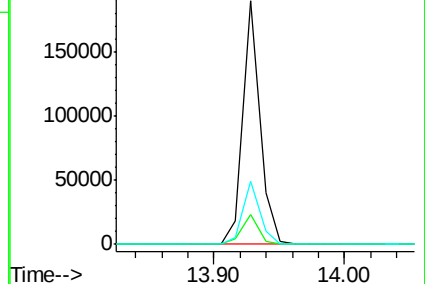
236 25.8 20.2 30.4



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: Below Cal

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

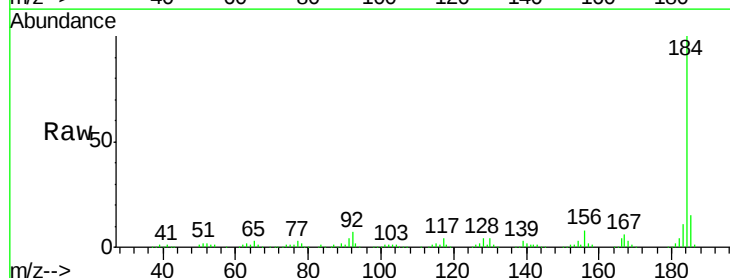
Tgt Ion:184 Resp: 354135

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.4

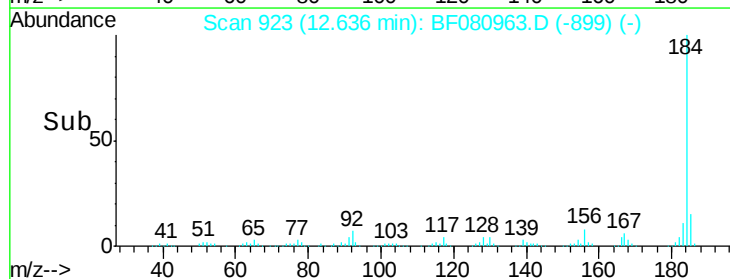
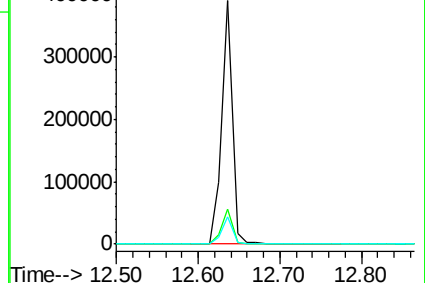
183 11.2 8.7 13.1

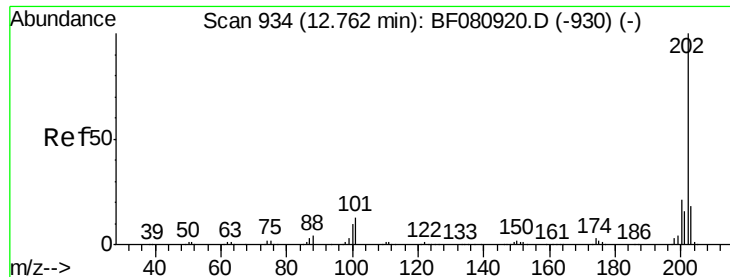


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

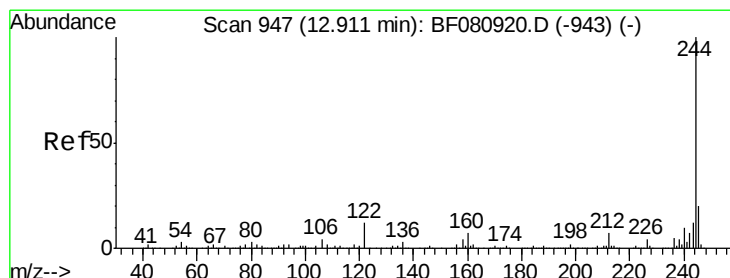
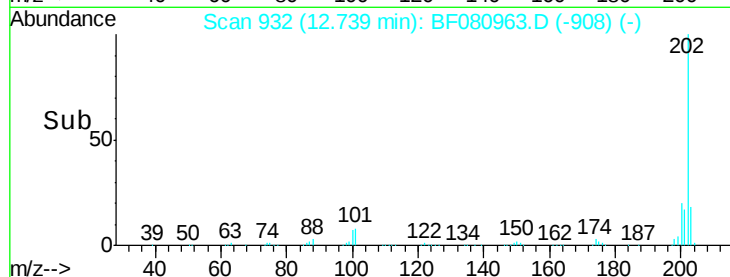
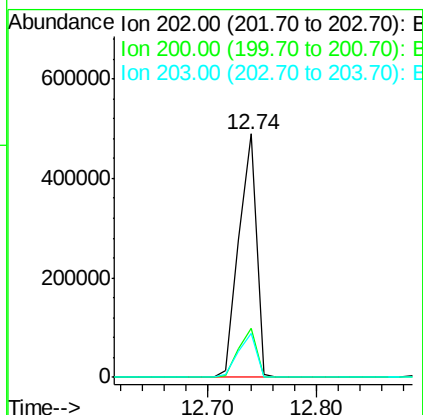
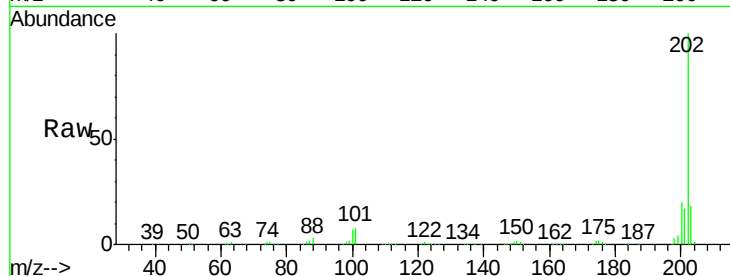




#77
Pvrene
Concen: 42.42 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

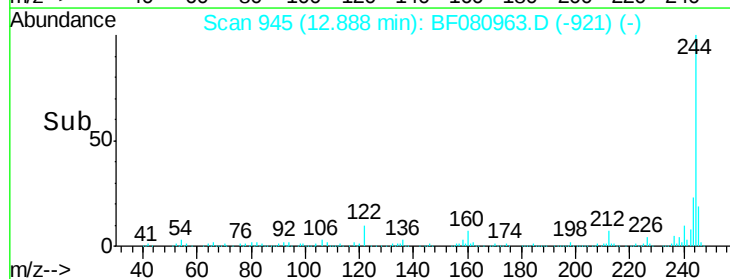
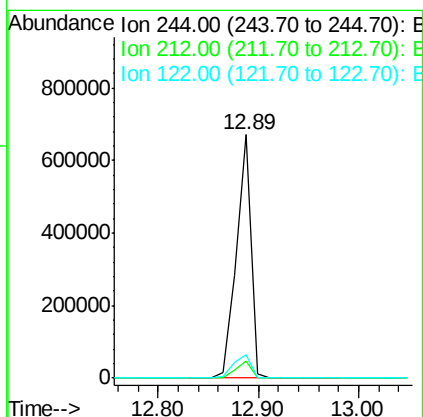
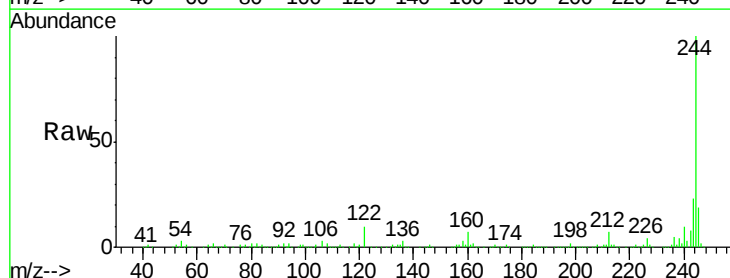
Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	24.8
203	17.8	14.2	21.2



#78
Terphenyl-d14
Concen: 80.85 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.8	9.4	14.2

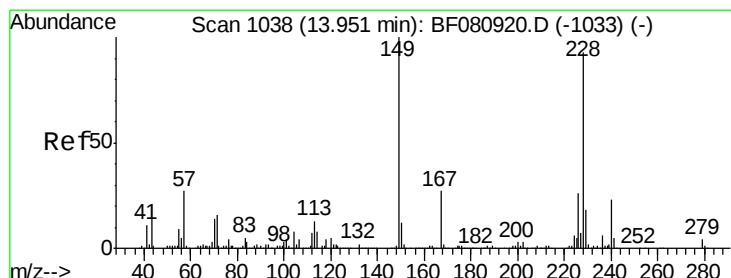
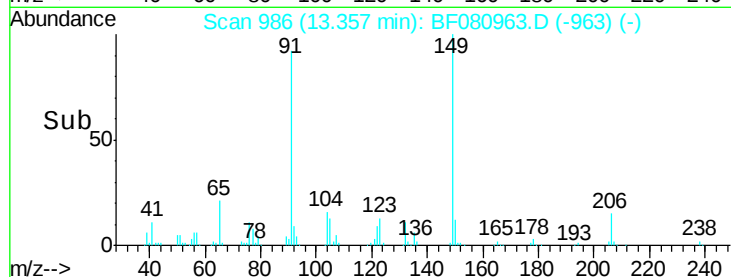
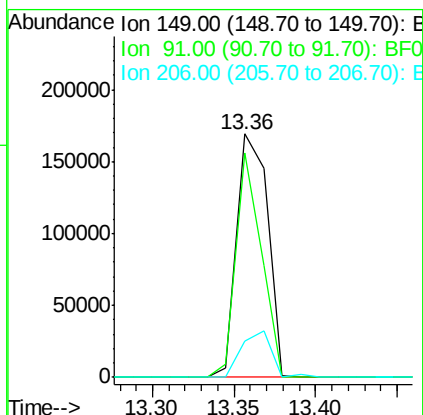
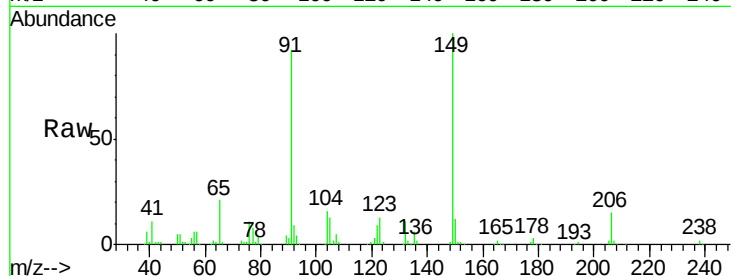




#79
Butylbenzylphthalate
Concen: 36.09 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

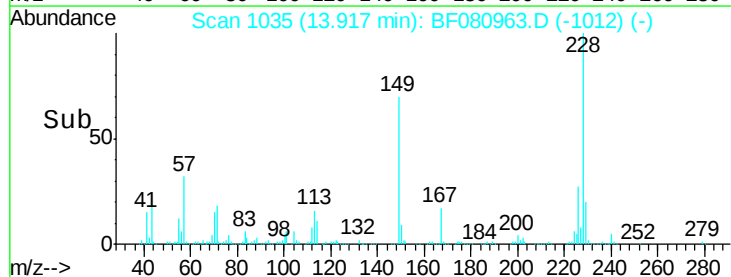
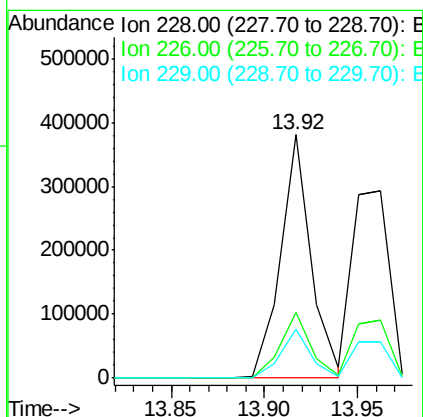
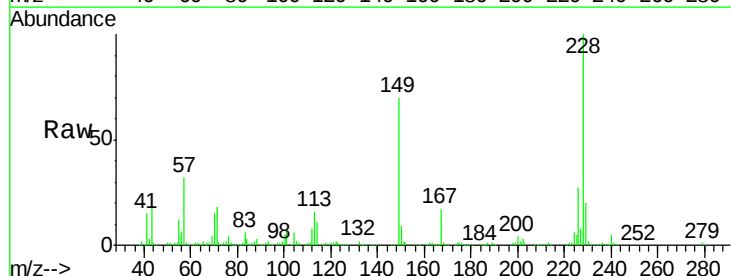
Instrument :
BNA_F
ClientSampleId :
PB84907BS

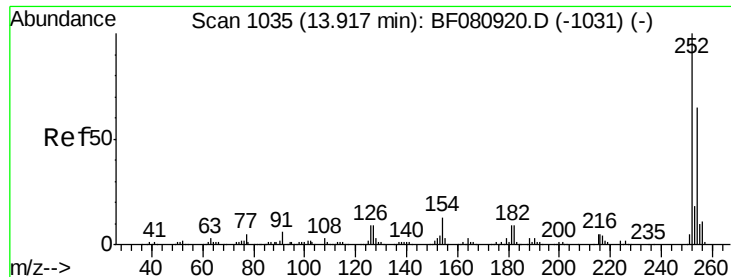
Tot Ion:149 Resp: 221953
Ion Ratio Lower Upper
149 100
91 92.2 47.2 70.8#
206 14.7 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 39.70 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion:228 Resp: 432994
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 20.0 15.8 23.6

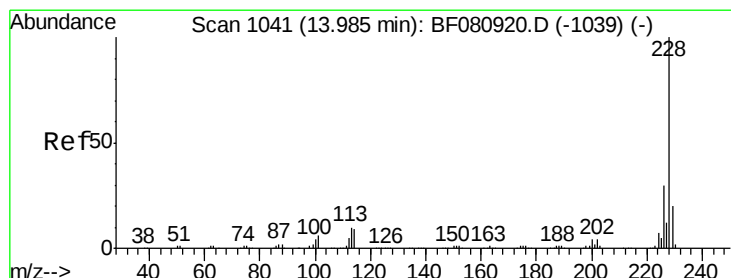
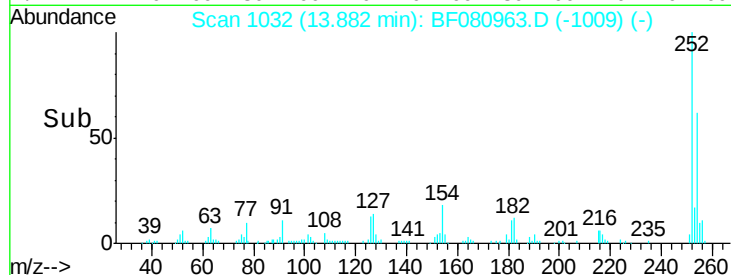
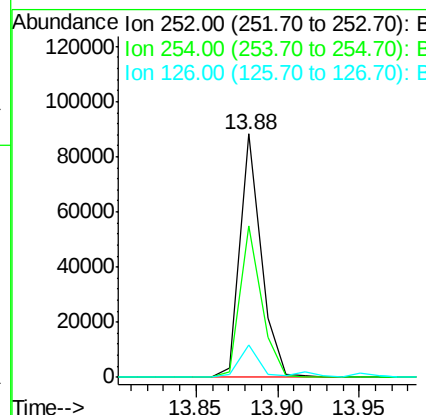
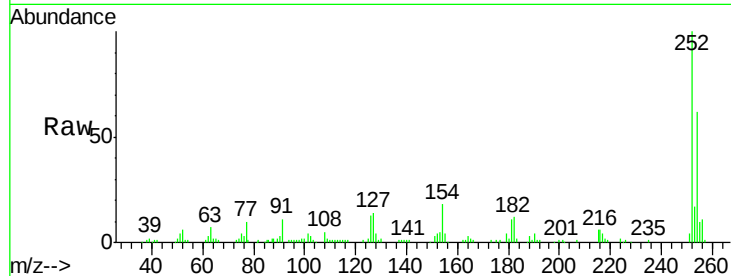




#81
 3,3'-Dichlorobenzidine
 Concen: 19.83 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

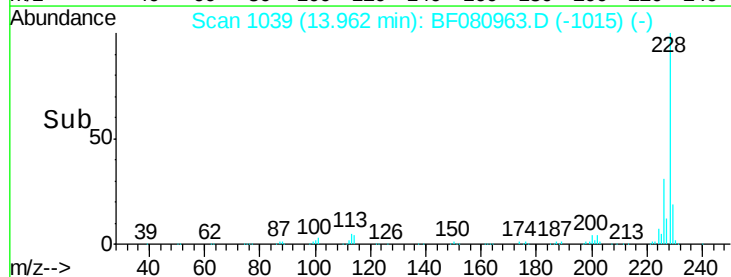
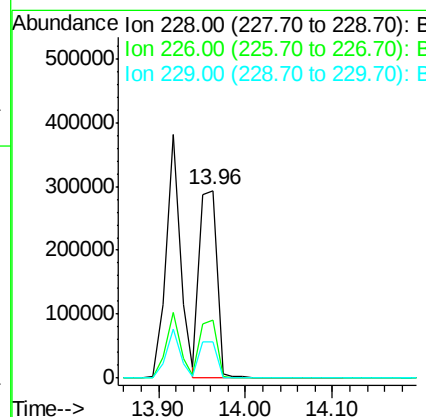
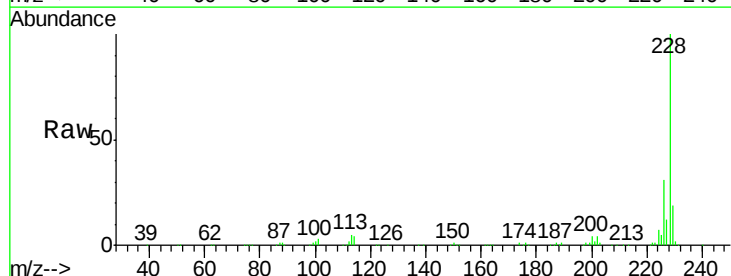
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.7	77.5
126	13.1	7.1	10.7



#82
 Chrysene
 Concen: 39.10 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.34 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

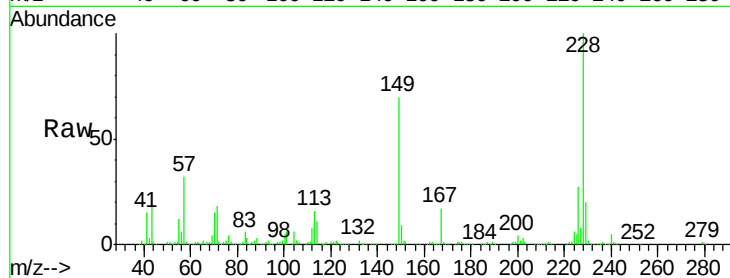
Tot Ion:149 Resp: 319487

Ion Ratio Lower Upper

149 100

167 24.1 21.4 32.0

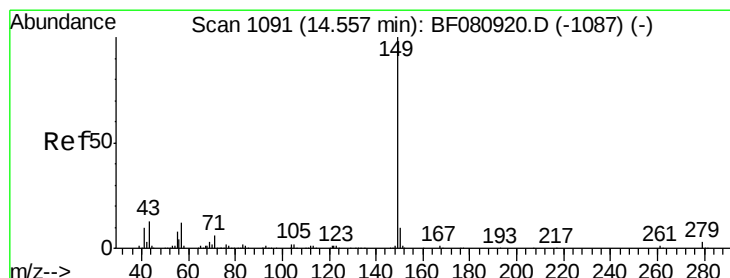
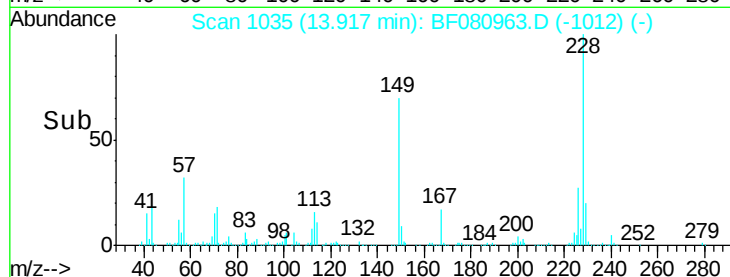
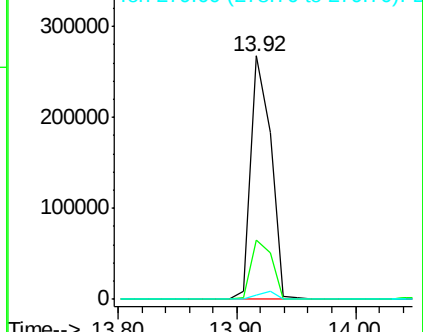
279 1.8 2.9 4.3#



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: 36.65 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

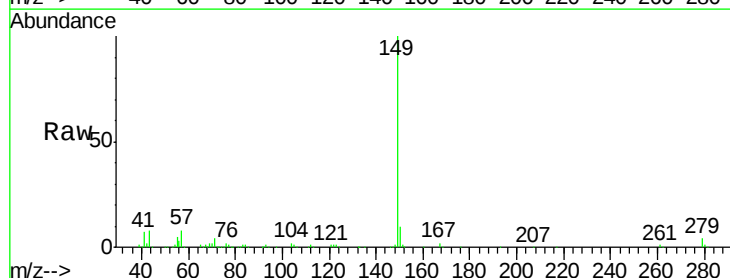
Tgt Ion:149 Resp: 531632

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

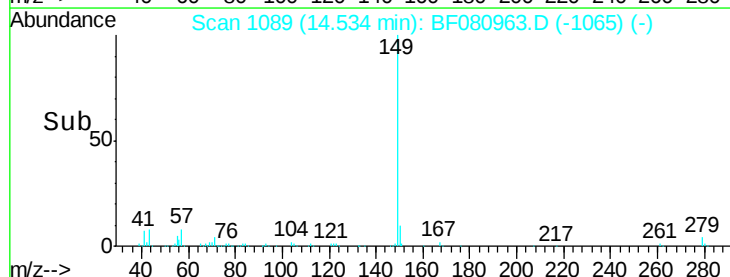
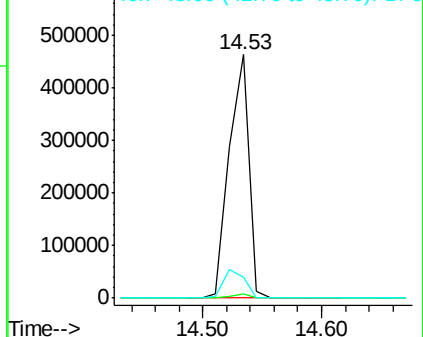
43 12.9 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

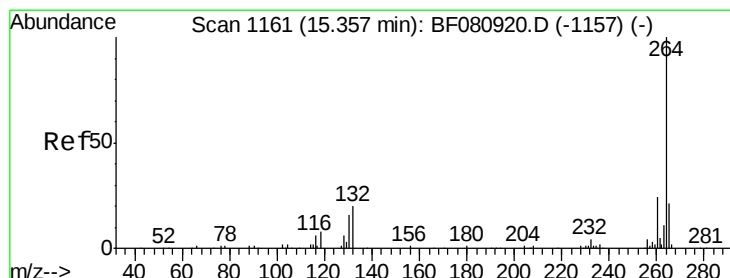
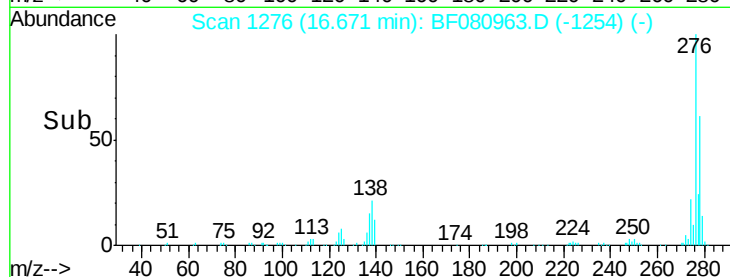
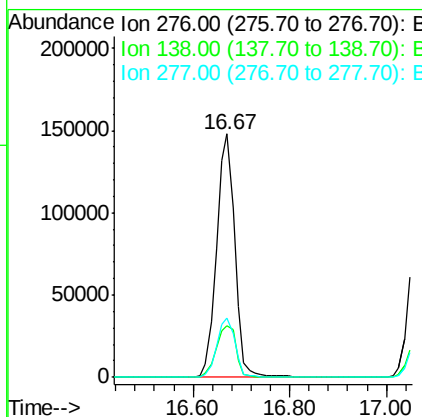
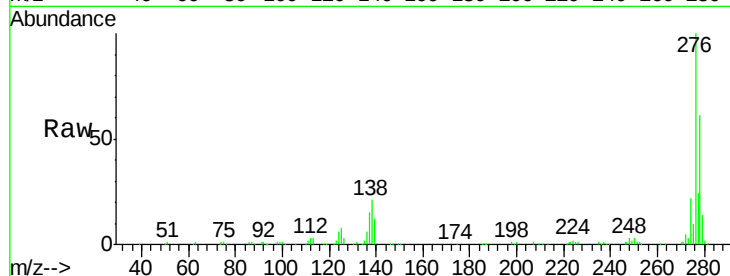




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.42 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

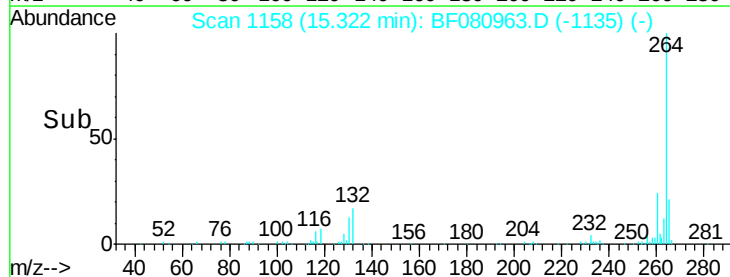
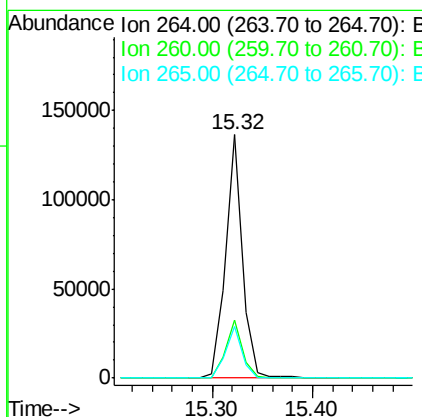
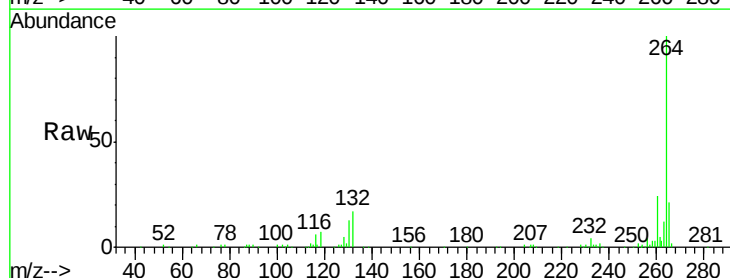
Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

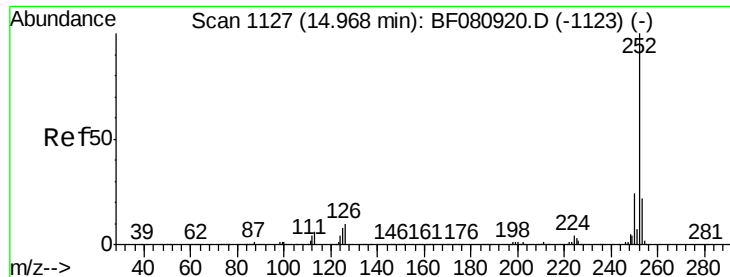
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.9	29.9
277	24.4	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.0	17.0	25.4

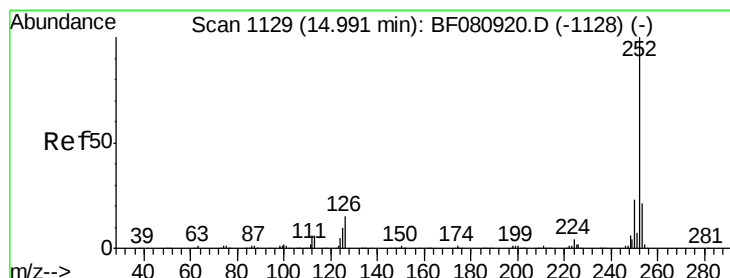
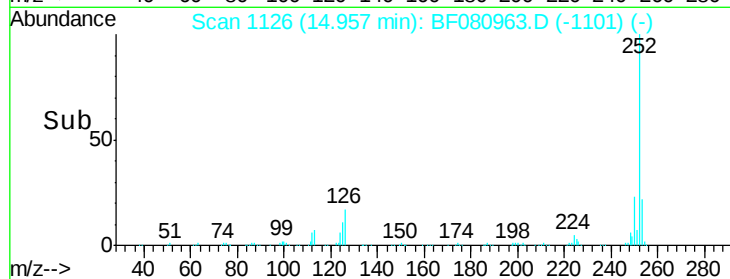
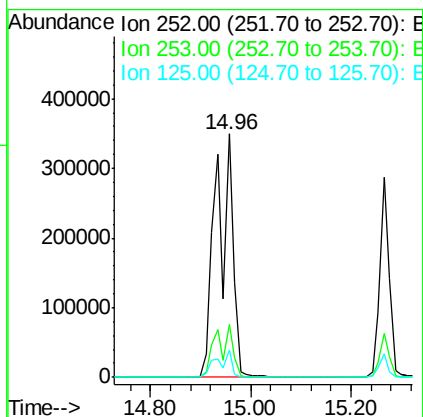
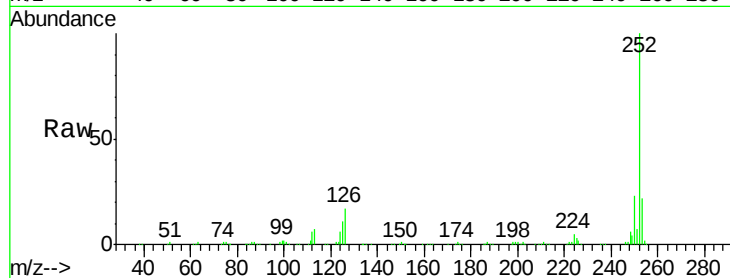




#87
Benzo(b)fluoranthene
Concen: 73.83 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

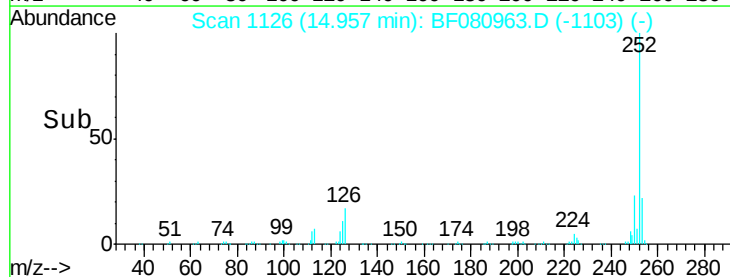
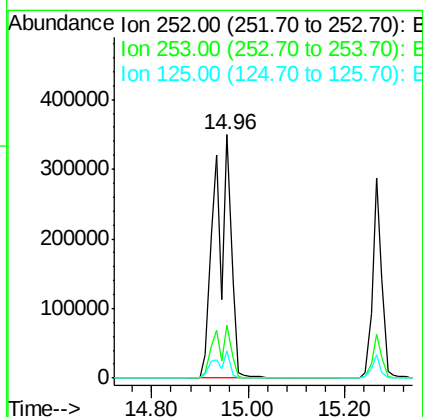
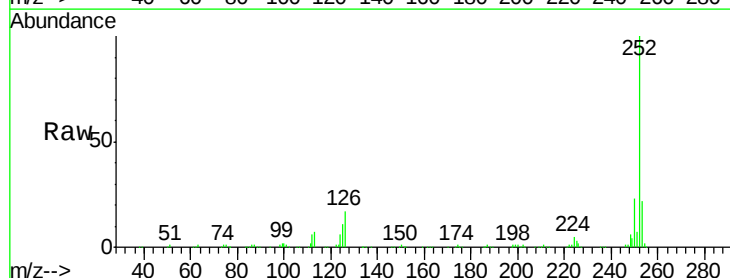
Instrument :
BNA_F
ClientSampleId :
PB84907BS

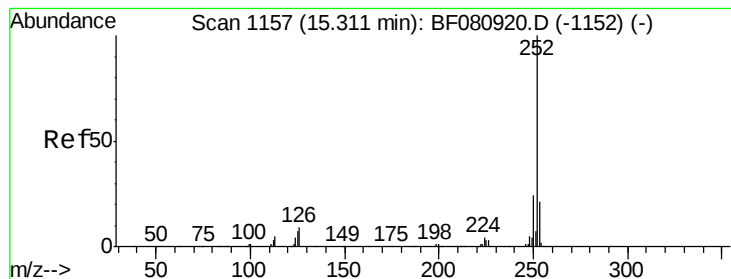
Tot Ion:252 Resp: 812798
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.2 6.1 9.1#



#88
Benzo(k)fluoranthene
Concen: 84.40 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF080963.D
Acq: 11 Aug 2015 15:56

Tgt Ion:252 Resp: 812806
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.2 9.0 13.6





#89

Benzo(a)pyrene

Concen: 40.23 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB84907BS

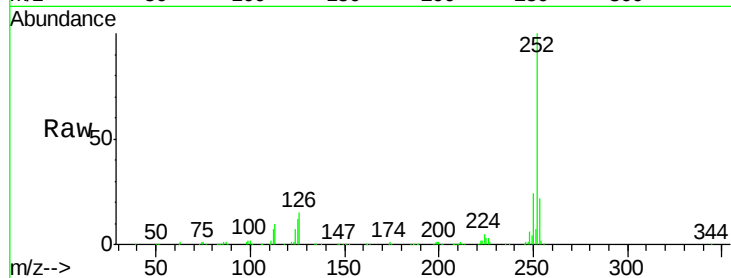
Tot Ion:252 Resp: 380677

Ion Ratio Lower Upper

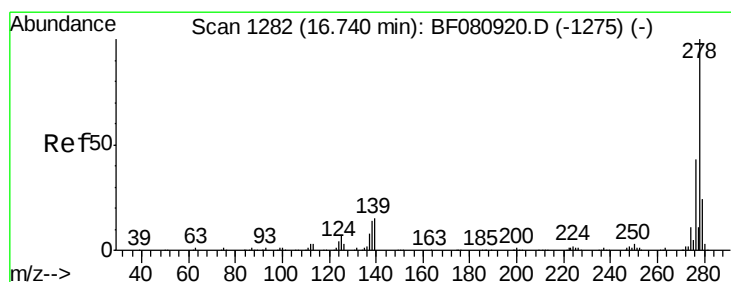
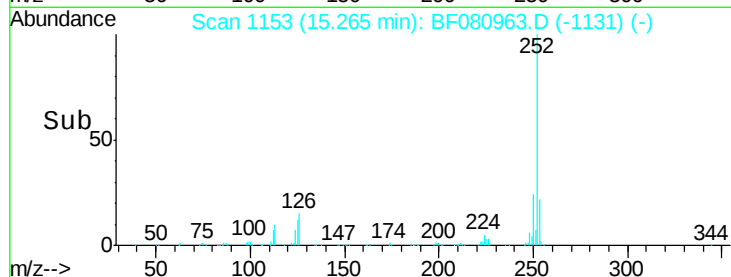
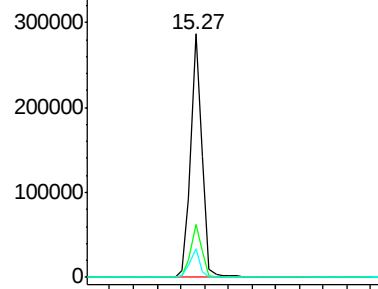
252 100

253 21.9 16.9 25.3

125 12.0 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: 39.11 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF080963.D

Acq: 11 Aug 2015 15:56

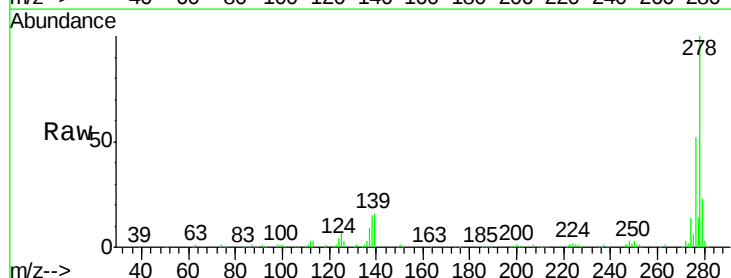
Tgt Ion:278 Resp: 327298

Ion Ratio Lower Upper

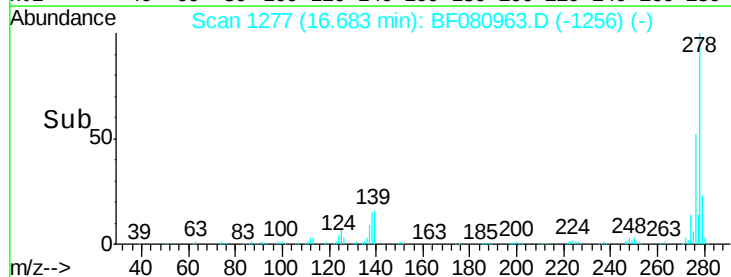
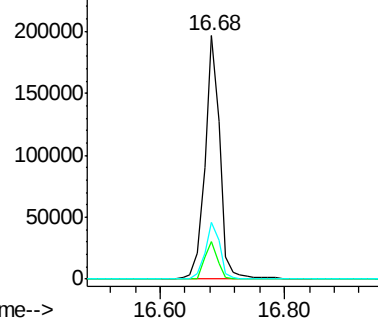
278 100

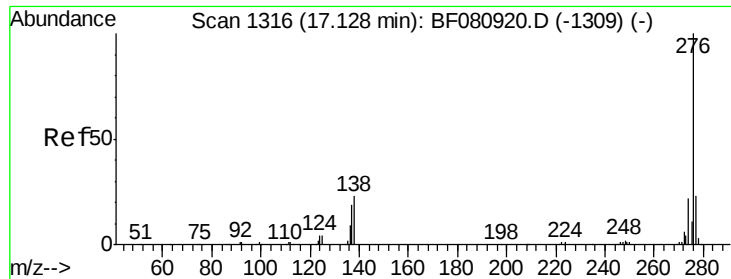
139 15.6 11.9 17.9

279 23.2 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

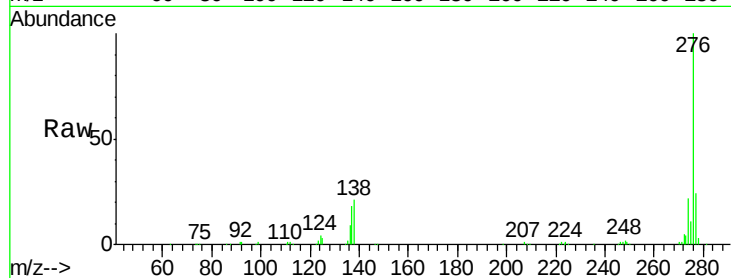




#91
 Benzo(a,h,i)perylene
 Concen: 40.47 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080963.D
 Acq: 11 Aug 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	21.1	18.4	27.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

