

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078314.D
 Acq On : 7 Apr 2015 22:53
 Operator : TP/IZ
 Sample : PB82571BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Quant Time: Apr 08 02:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	32850	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	132700	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	66853	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	126973	20.00	ng	0.00
75) Chrysene-d12	15.77	240	139116	20.00	ng	-0.01
86) Perylene-d12	17.47	264	132624	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	274846	137.95	ng	0.01
7) Phenol-d6	6.53	99	347732	139.26	ng	0.00
23) Nitrobenzene-d5	7.63	82	186313	85.10	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	86254	155.57	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	421662	90.16	ng	0.00
78) Terphenyl-d14	14.50	244	512039	83.17	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	32038	35.56	ng	97
3) Pyridine	2.38	79	93086	39.44	ng	98
4) n-Nitrosodimethylamine	2.32	42	43239m	47.60	ng	
6) Aniline	6.52	93	49574	14.00	ng	90
8) 2-Chlorophenol	6.67	128	104409	44.32	ng	91
9) Benzaldehyde	6.37	77	39210	23.69	ng	99
10) Phenol	6.54	94	129936	43.43	ng	100
11) bis(2-Chloroethyl)ether	6.64	93	95579	44.42	ng	97
12) 1,3-Dichlorobenzene	6.85	146	109206	42.20	ng	# 92
13) 1,4-Dichlorobenzene	6.96	146	110556	42.44	ng	95
14) 1,2-Dichlorobenzene	7.14	146	102719	42.06	ng	92
15) Benzyl Alcohol	7.13	79	78834	44.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.31	45	124047	43.22	ng	97
17) 2-Methylphenol	7.29	107	80222	43.86	ng	96
18) Hexachloroethane	7.55	117	38237	43.53	ng	# 85
19) n-Nitroso-di-n-propylamine	7.46	70	67729	41.11	ng	# 85
20) 3+4-Methylphenols	7.49	107	108664	44.53	ng	92
22) Acetophenone	7.45	105	138645	44.84	ng	# 90
24) Nitrobenzene	7.65	77	98336	42.97	ng	# 84
25) Isophorone	7.96	82	181585	43.70	ng	98
26) 2-Nitrophenol	8.05	139	49260	45.17	ng	94
27) 2,4-Dimethylphenol	8.13	122	93347	46.03	ng	97
28) bis(2-Chloroethoxy)methane	8.25	93	117484	44.09	ng	99
29) 2,4-Dichlorophenol	8.36	162	85212	46.18	ng	98
30) 1,2,4-Trichlorobenzene	8.44	180	88688	41.92	ng	96
31) Naphthalene	8.53	128	293298	42.46	ng	99
32) Benzoic acid	8.27	122	53367	54.99	ng	98
33) 4-Chloroaniline	8.62	127	44908	15.67	ng	98
34) Hexachlorobutadiene	8.69	225	49185	42.34	ng	96
35) Caprolactam	9.06	113	25844	46.93	ng	# 80
36) 4-Chloro-3-methylphenol	9.25	107	84286	45.27	ng	# 82
37) 2-Methylnaphthalene	9.39	142	197370	42.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	86533	41.77	ng	99
40) Hexachlorocyclopentadiene	9.58	237	80474	89.37	ng	98

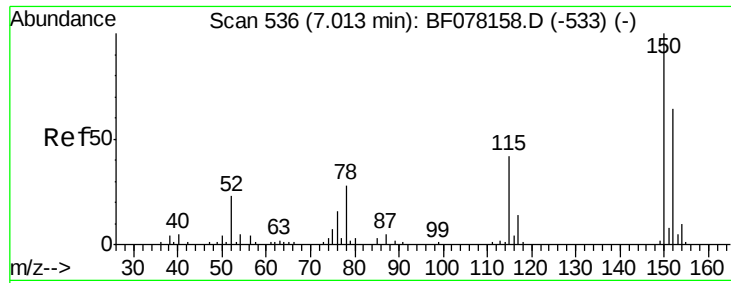
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078314.D
 Acq On : 7 Apr 2015 22:53
 Operator : TP/IZ
 Sample : PB82571BS
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	61190	46.84	nq	99
43) 2,4,5-Trichlorophenol	9.80	196	63970	46.87	nq	96
45) 1,1'-Biphenyl	9.97	154	231428	42.32	nq	97
46) 2-Chloronaphthalene	10.00	162	192524	44.75	nq	96
47) 2-Nitroaniline	10.13	65	50237	47.19	nq	# 85
48) Acenaphthylene	10.50	152	298799	43.01	nq	99
49) Dimethylphthalate	10.37	163	211649	42.14	nq	99
50) 2,6-Dinitrotoluene	10.44	165	45598	44.13	nq	# 45
51) Acenaphthene	10.72	154	180470	46.14	nq	99
52) 3-Nitroaniline	10.65	138	30223	25.72	nq	88
53) 2,4-Dinitrophenol	10.78	184	31300	78.58	nq	# 83
54) Dibenzofuran	10.93	168	272700	45.64	nq	94
55) 4-Nitrophenol	10.89	139	73789	85.10	nq	# 83
56) 2,4-Dinitrotoluene	10.94	165	62177	46.46	nq	# 84
57) Fluorene	11.36	166	218634	45.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	48402	47.84	nq	99
59) Diethylphthalate	11.25	149	223201	46.09	nq	100
60) 4-Chlorophenyl-phenylether	11.37	204	101918	45.75	nq	# 86
61) 4-Nitroaniline	11.40	138	47941	40.36	nq	89
62) Azobenzene	11.56	77	226429	51.23	nq	90
64) 4,6-Dinitro-2-methylphenol	11.44	198	24993	41.14	nq	# 72
65) n-Nitrosodiphenylamine	11.52	169	189972	43.25	nq	98
66) 4-Bromophenyl-phenylether	11.97	248	58506	43.51	nq	# 80
67) Hexachlorobenzene	12.02	284	65401	44.38	nq	98
68) Atrazine	12.20	200	62715	49.30	nq	97
69) Pentachlorophenol	12.28	266	62361	93.94	nq	98
70) Phenanthrene	12.53	178	331077	45.08	nq	99
71) Anthracene	12.59	178	326770	45.15	nq	100
72) Carbazole	12.81	167	315682	46.54	nq	99
73) Di-n-butylphthalate	13.28	149	353978	46.07	nq	99
74) Fluoranthene	14.00	202	360131	46.49	nq	95
76) Benzidine	14.19	184	111950	20.90	nq	98
77) Pyrene	14.27	202	371552	42.55	nq	98
79) Butylbenzylphthalate	15.12	149	163504	49.12	nq	94
80) Benzo(a)anthracene	15.76	228	355568	42.96	nq	99
81) 3,3'-Dichlorobenzidine	15.75	252	74032	26.71	nq	# 98
82) Chrysene	15.80	228	336908	43.32	nq	99
83) Bis(2-ethylhexyl)phthalate	15.85	149	246914	47.30	nq	98
84) Di-n-octyl phthalate	16.63	149	430688	50.24	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.74	276	381999m	43.29	nq	
87) Benzo(b)fluoranthene	17.04	252	341979	41.72	nq	99
88) Benzo(k)fluoranthene	17.07	252	355650m	48.83	nq	
89) Benzo(a)pyrene	17.40	252	328575	45.93	nq	# 95
90) Dibenzo(a,h)anthracene	18.76	278	302421	42.23	nq	# 96
91) Benzo(g,h,i)perylene	19.11	276	308278	42.93	nq	98

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

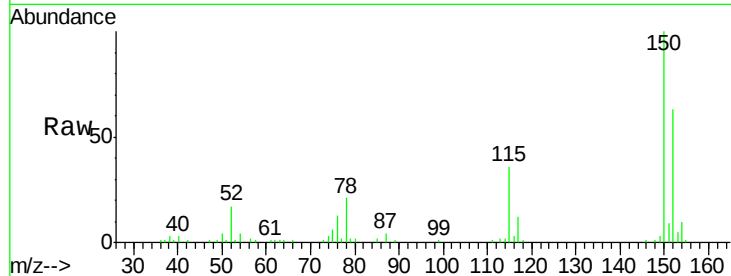


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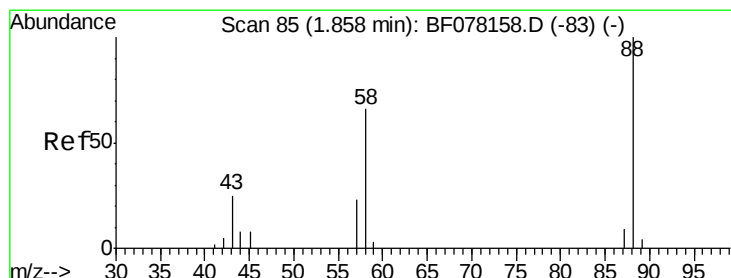
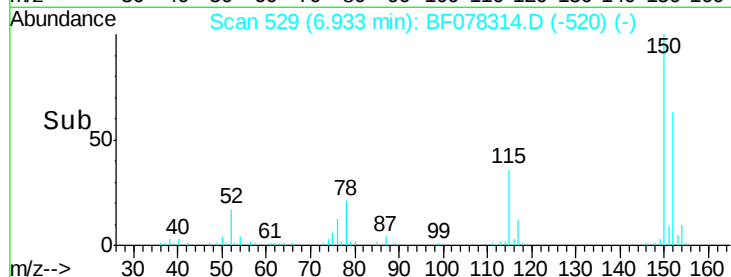
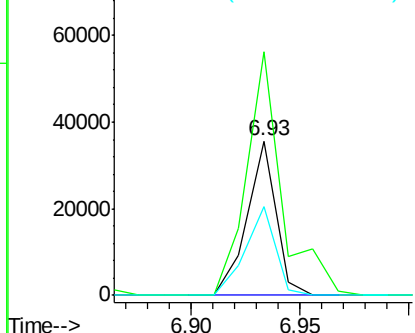
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion:152 Resp: 32850
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 57.5 52.7 79.1



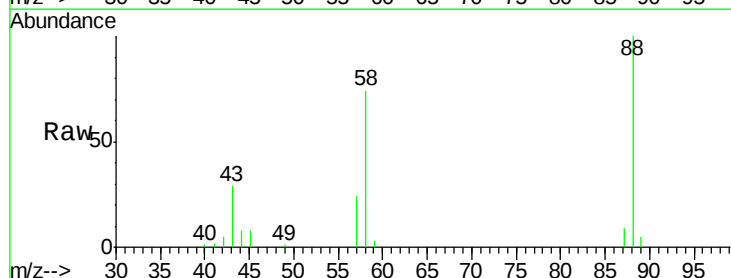
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



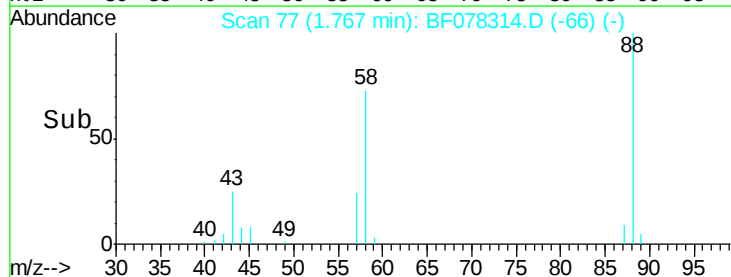
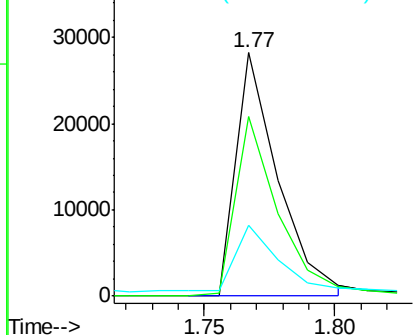
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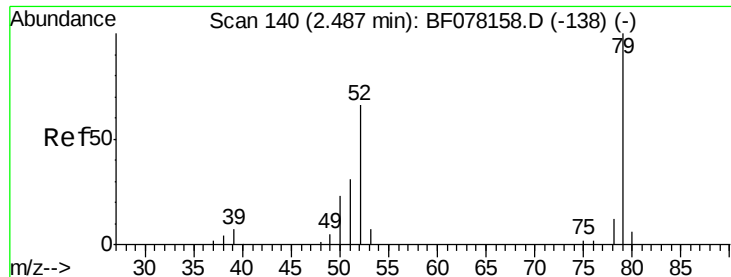
1,4-Dioxane
Concen: 35.56 ng
RT: 1.77 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion: 88 Resp: 32038
Ion Ratio Lower Upper
88 100
58 74.5 56.9 85.3
43 26.8 21.4 32.2



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

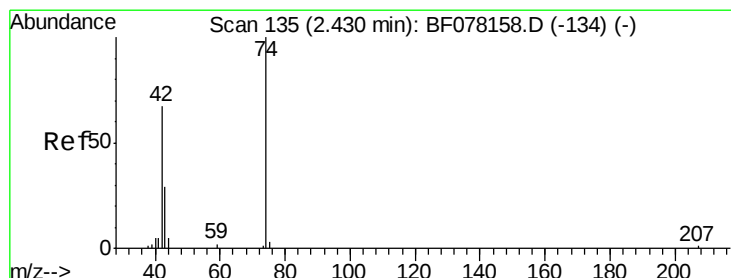
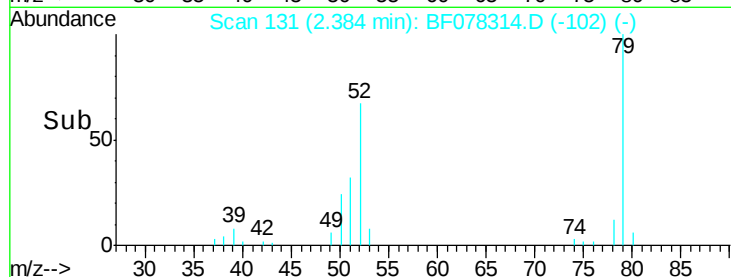
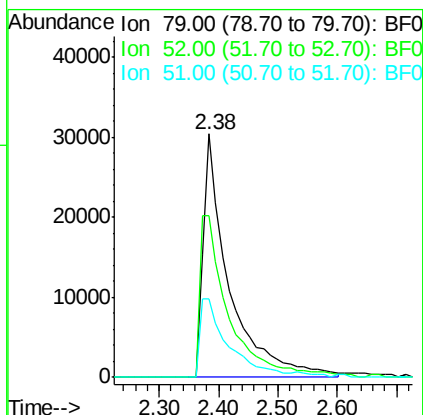
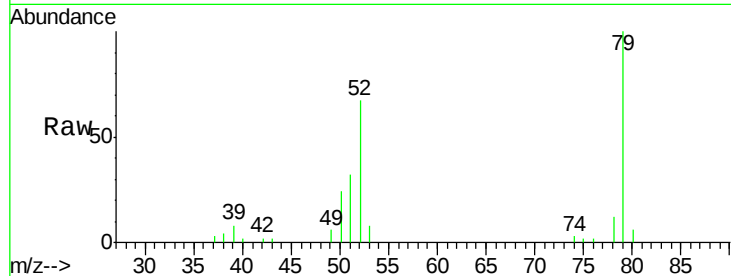




#3
 Pvridine
 Concen: 39.44 ng
 RT: 2.38 min Scan# 131
 Delta R.T. 0.03 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

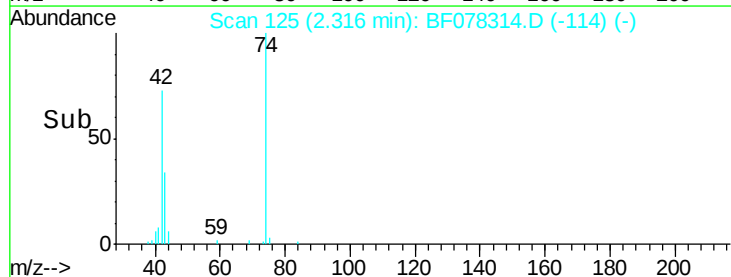
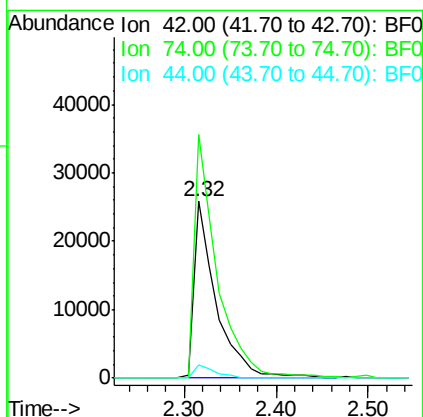
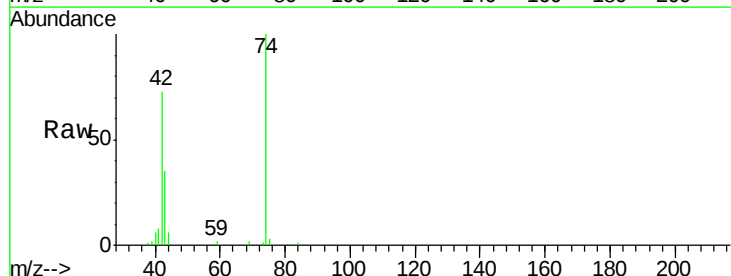
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

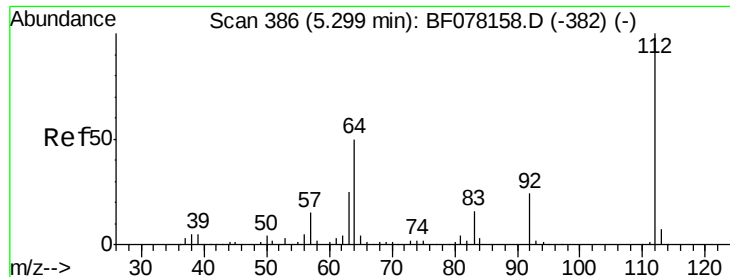
Tot Ion: 79 Resp: 93086
 Ion Ratio Lower Upper
 79 100
 52 66.5 52.4 78.6
 51 32.4 24.9 37.3



#4
 n-Nitrosodimethylamine
 Concen: 47.60 ng m
 RT: 2.32 min Scan# 125
 Delta R.T. 0.02 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion: 42 Resp: 43239
 Ion Ratio Lower Upper
 42 100
 74 137.9 118.7 178.1
 44 7.6 5.9 8.9





#5

2-Fluorophenol

Concen: 137.95 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampled :

PB82571BS

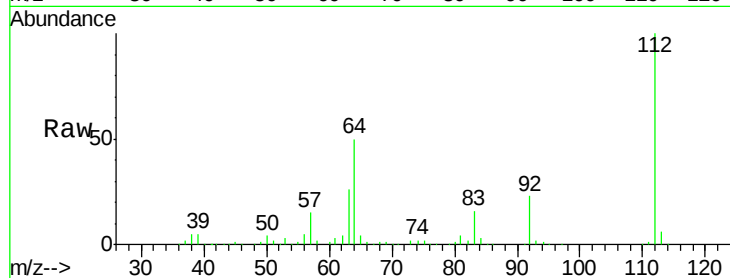
Tot Ion:112 Resp: 274846

Ion Ratio Lower Upper

112 100

64 49.9 39.9 59.9

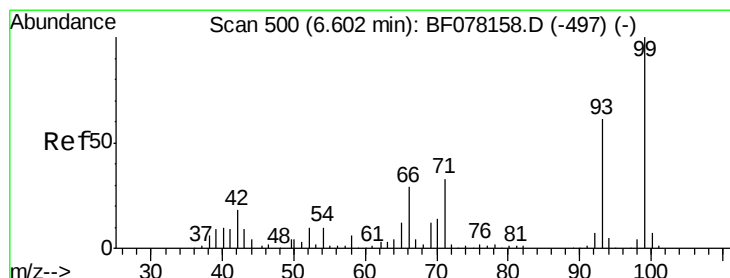
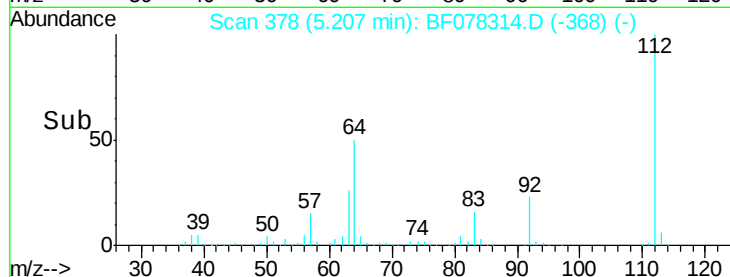
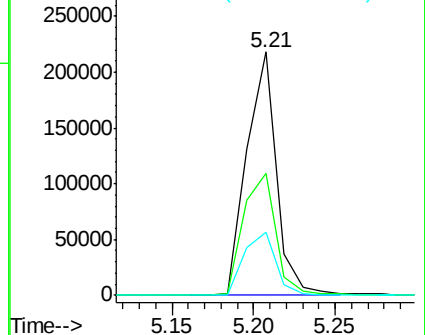
63 25.8 20.2 30.4



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: 14.00 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

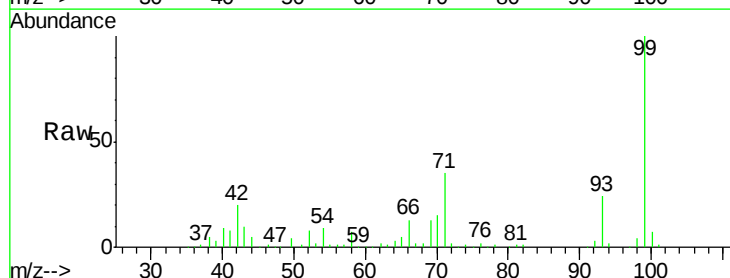
Tgt Ion: 93 Resp: 49574

Ion Ratio Lower Upper

93 100

66 56.9 38.0 57.0

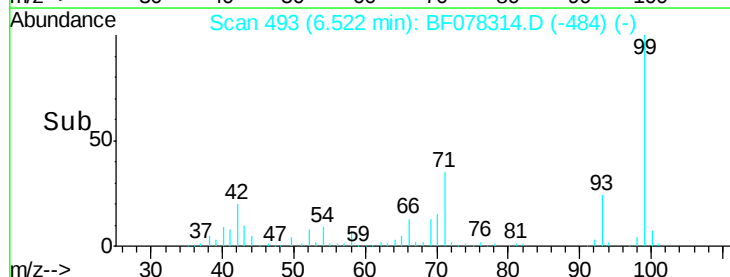
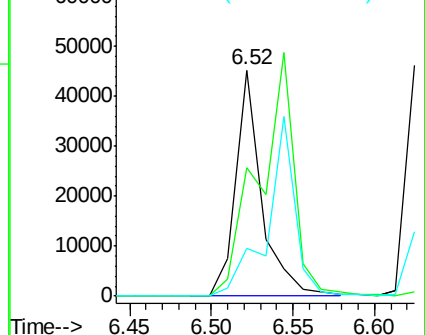
65 21.0 16.3 24.5



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: 139.26 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

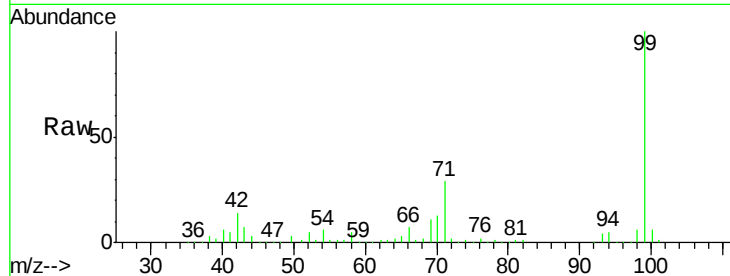
Tot Ion: 99 Resp: 347732

Ion Ratio Lower Upper

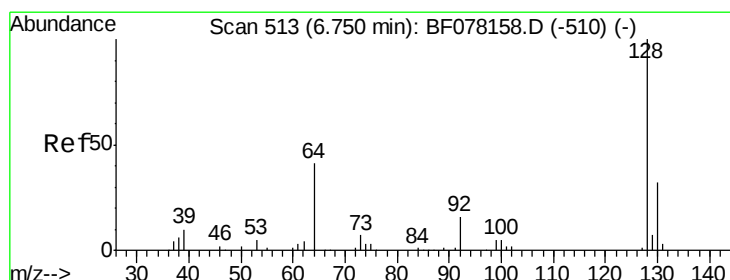
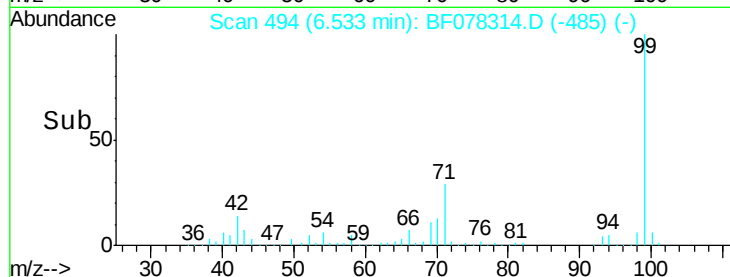
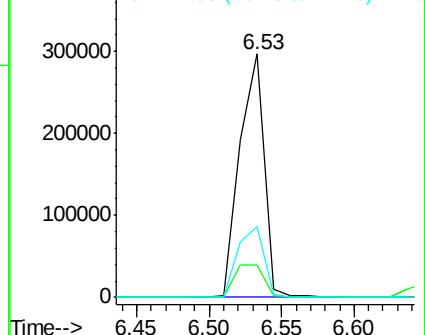
99 100

42 13.5 14.8 22.2#

71 28.9 26.6 39.8



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: 44.32 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

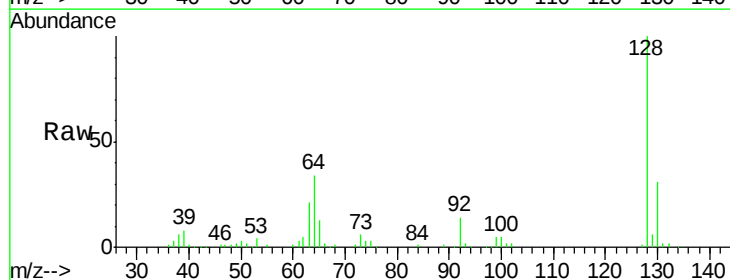
Tgt Ion:128 Resp: 104409

Ion Ratio Lower Upper

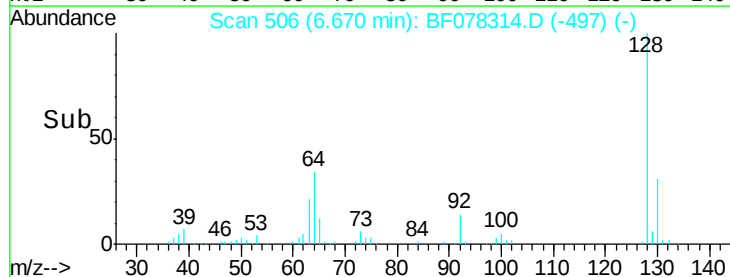
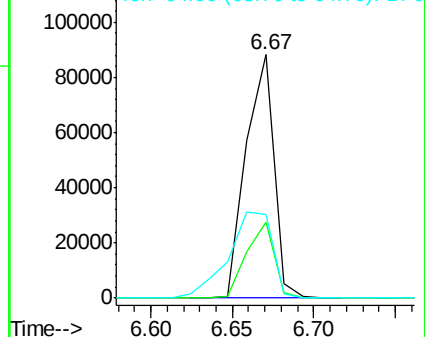
128 100

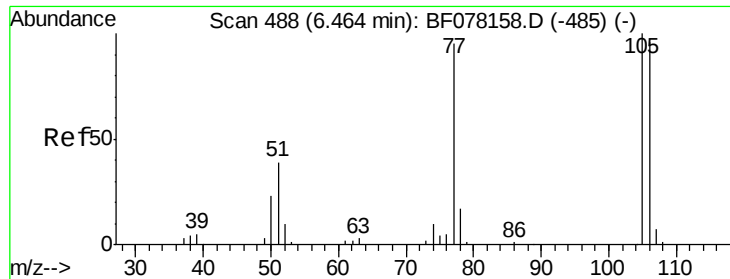
130 31.1 12.3 52.3

64 34.3 23.8 63.8



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: 23.69 ng

RT: 6.37 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleID :

PB82571BS

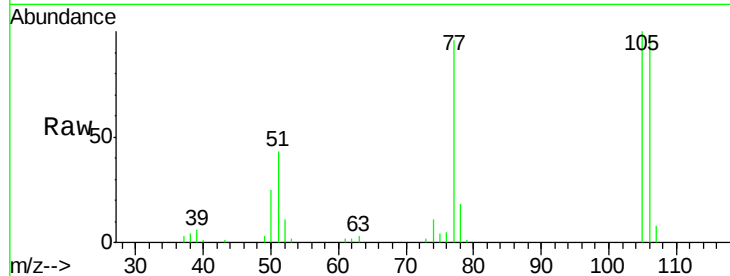
Tot Ion: 77 Resp: 39210

Ion Ratio Lower Upper

77 100

105 103.7 85.4 125.4

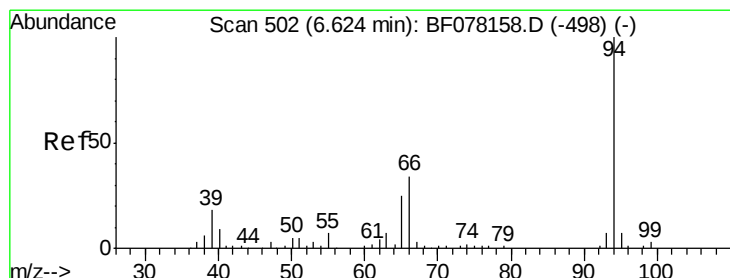
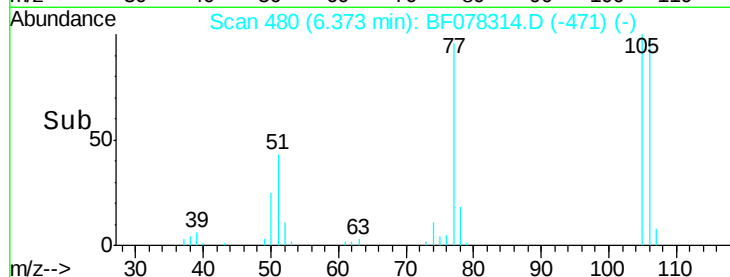
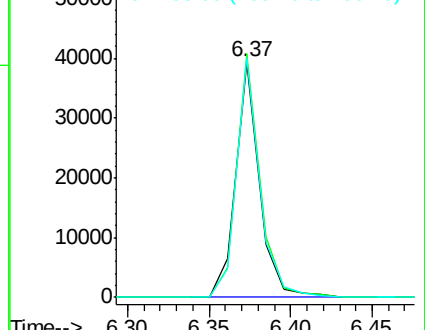
106 101.9 80.8 120.8



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: 43.43 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

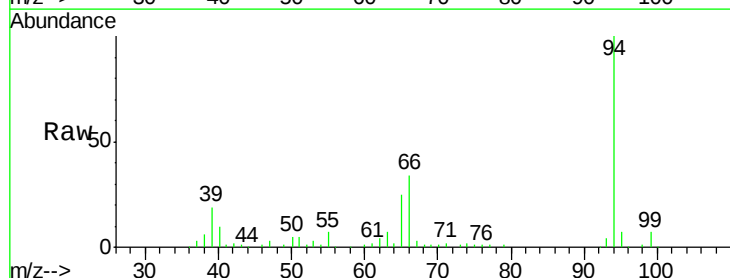
Tgt Ion: 94 Resp: 129936

Ion Ratio Lower Upper

94 100

65 25.1 4.9 44.9

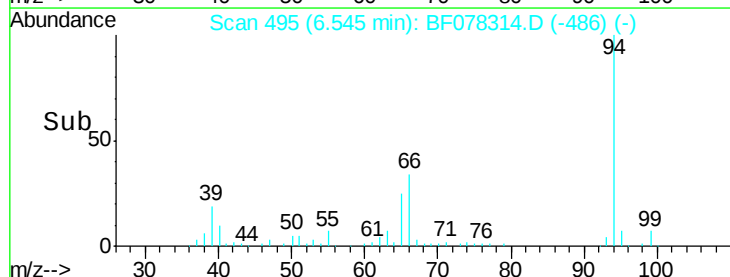
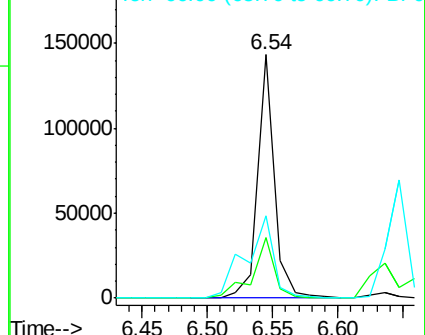
66 34.0 13.8 53.8

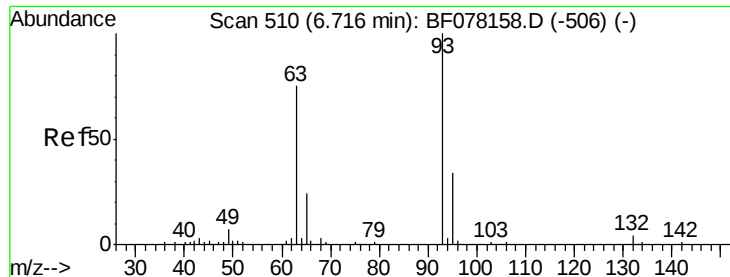


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.42 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

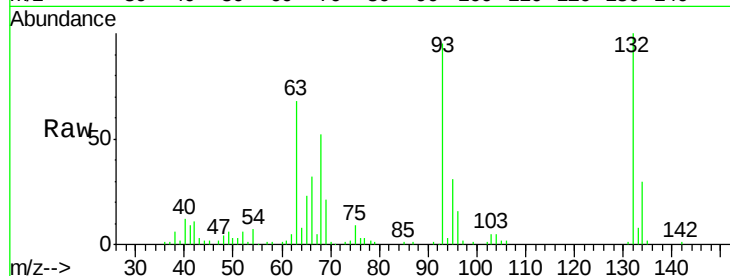
Tot Ion: 93 Resp: 95579

Ion Ratio Lower Upper

93 100

63 71.5 54.6 94.6

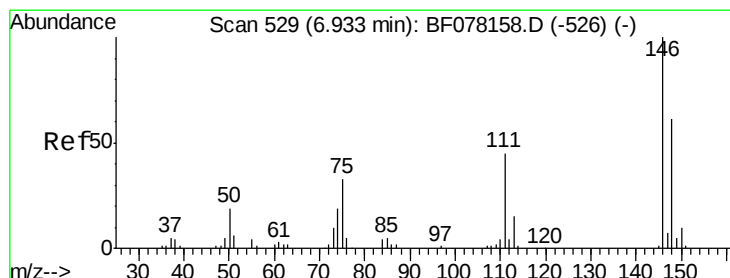
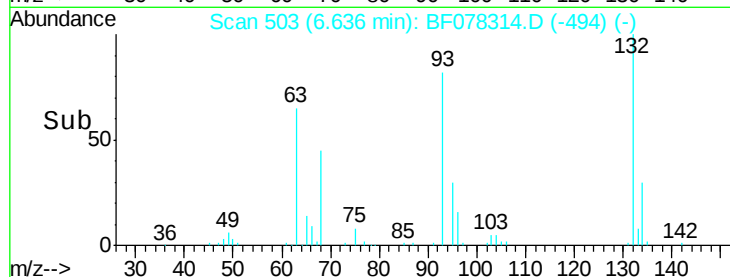
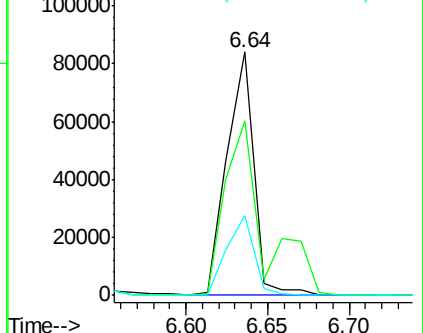
95 32.7 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.20 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

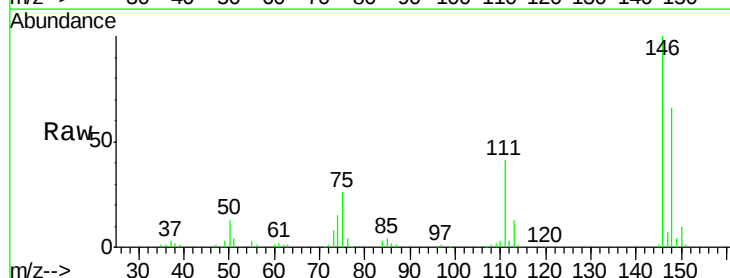
Tgt Ion: 146 Resp: 109206

Ion Ratio Lower Upper

146 100

148 65.6 49.1 73.7

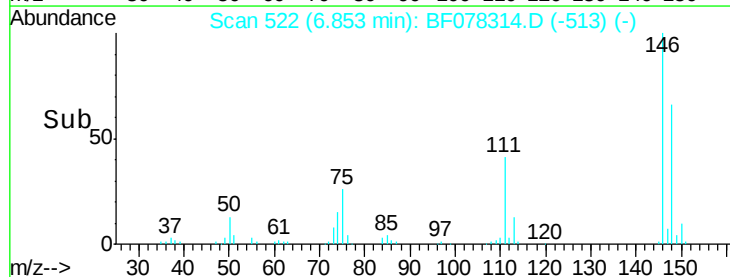
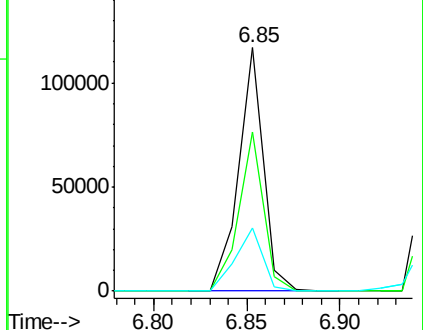
75 25.7 26.6 40.0#

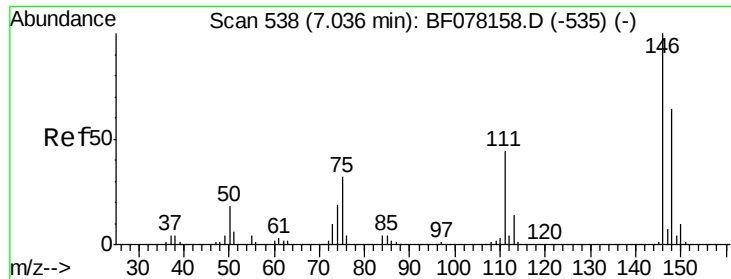


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

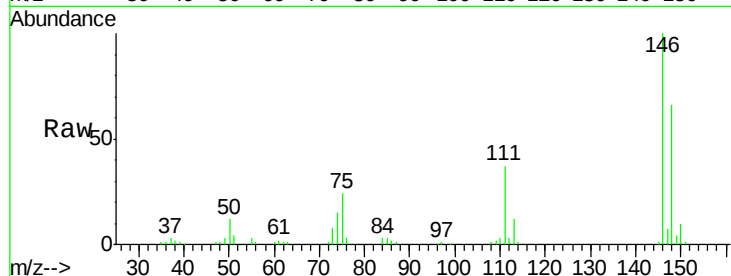




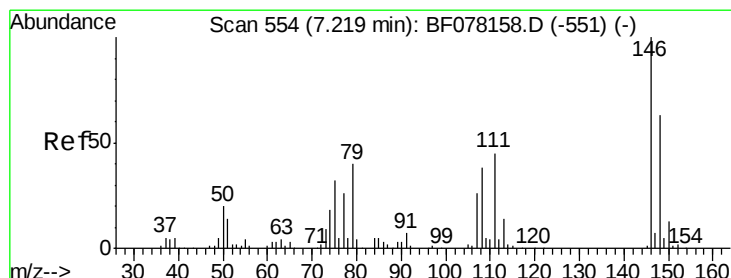
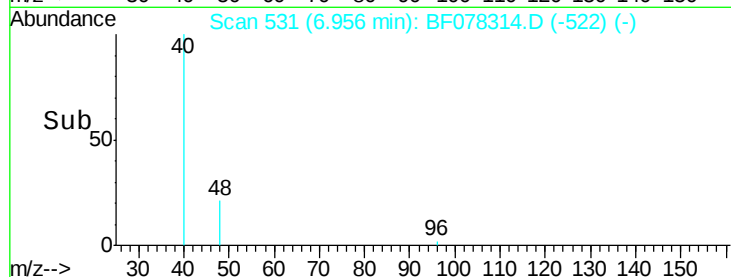
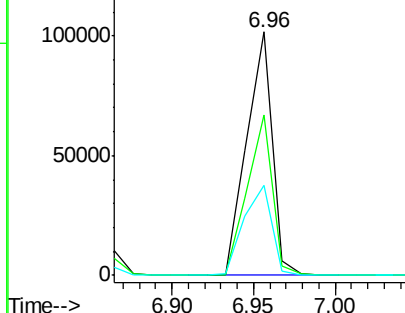
#13
 1,4-Dichlorobenzene
 Concen: 42.44 ng
 RT: 6.96 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleID :
 PB82571BS

Tot Ion:146 Resp: 110556
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.0
 111 37.2 35.0 52.4

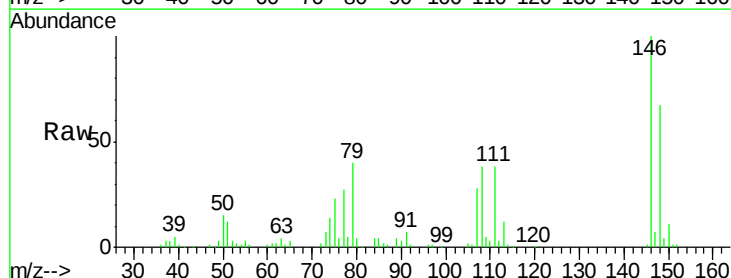


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

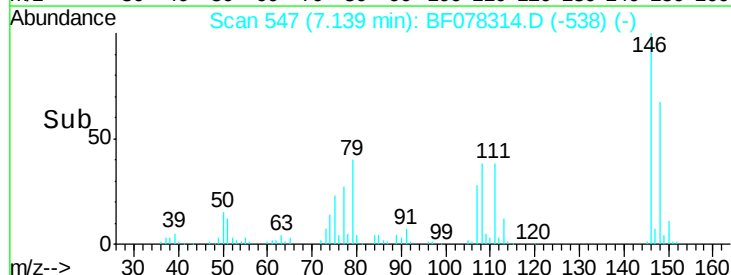
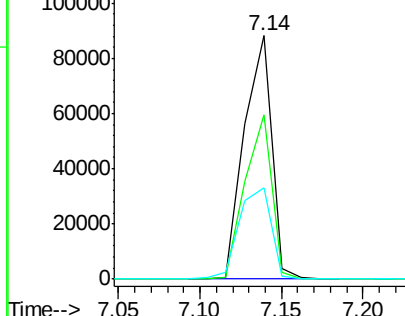


#14
 1,2-Dichlorobenzene
 Concen: 42.06 ng
 RT: 7.14 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:146 Resp: 102719
 Ion Ratio Lower Upper
 146 100
 148 67.3 50.2 75.4
 111 37.7 36.1 54.1



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: 44.93 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

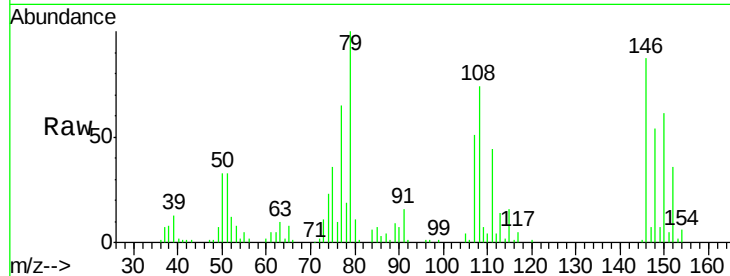
Tot Ion: 79 Resp: 78834

Ion Ratio Lower Upper

79 100

108 74.2 57.6 86.4

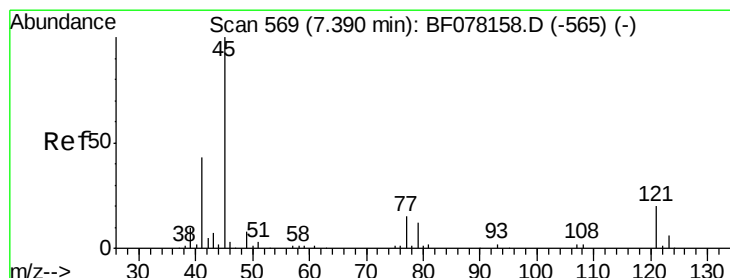
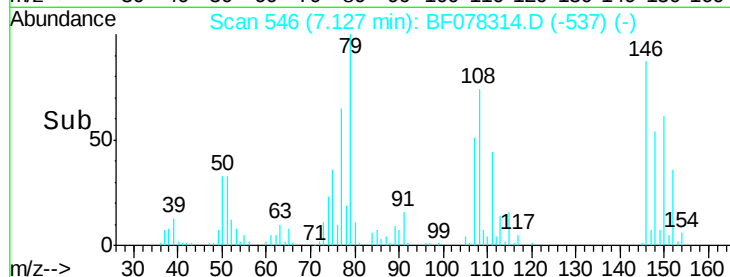
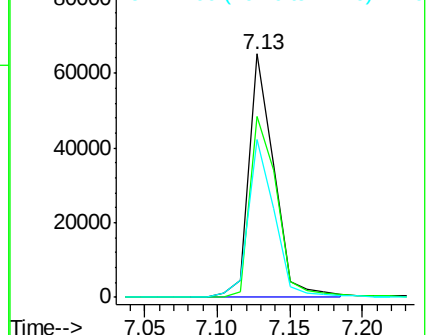
77 64.6 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.22 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

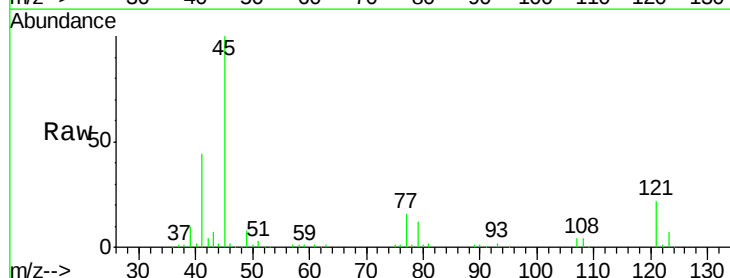
Tgt Ion: 45 Resp: 124047

Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.5

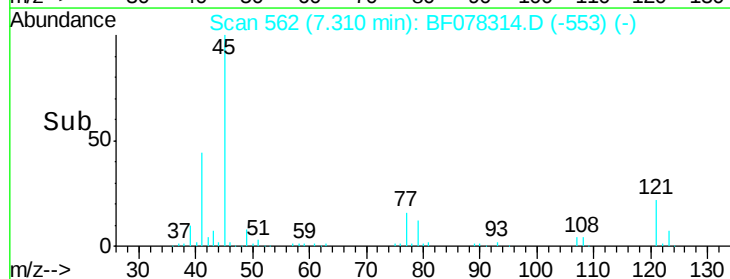
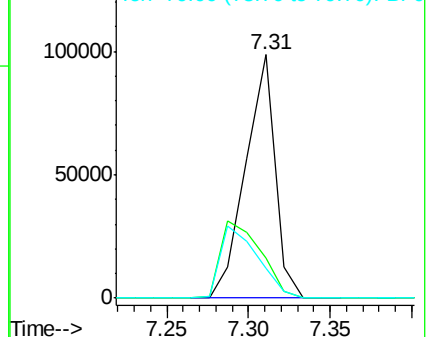
79 12.4 0.0 31.9

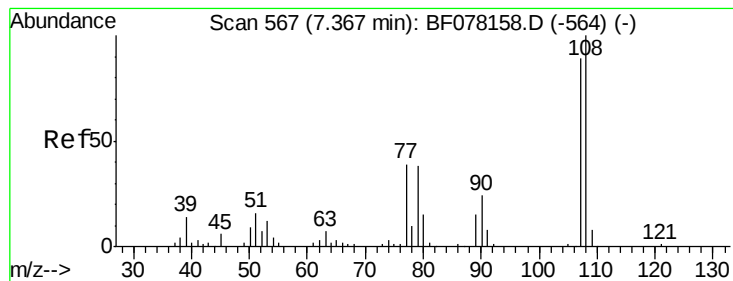


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

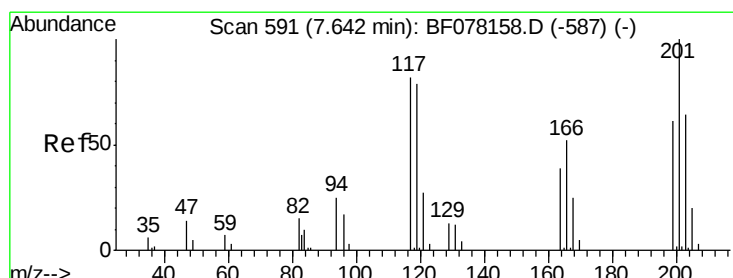
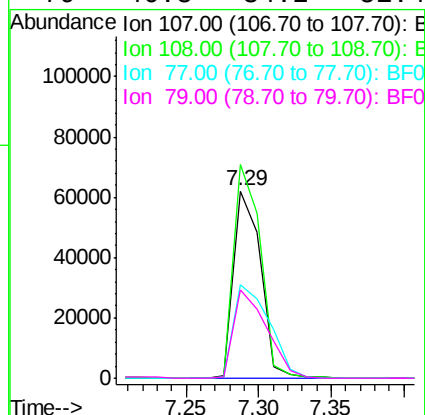
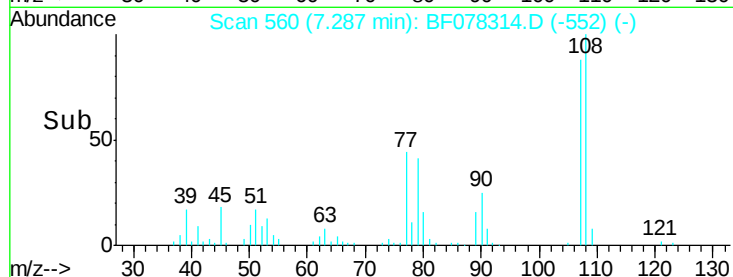
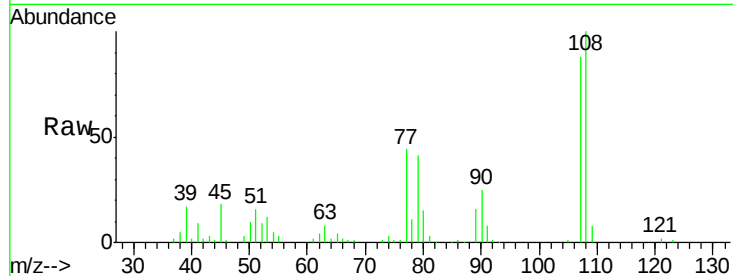




#17
2-Methylphenol
Concen: 43.86 ng
RT: 7.29 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

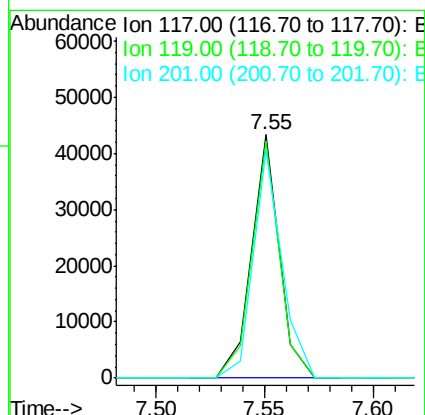
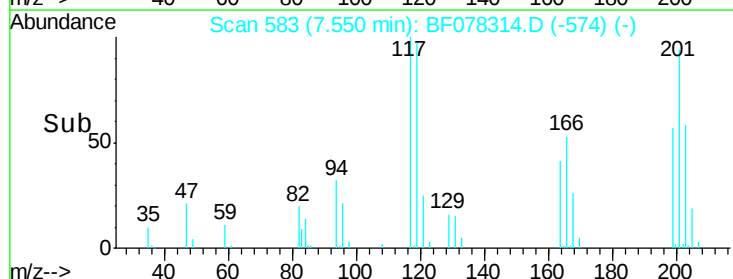
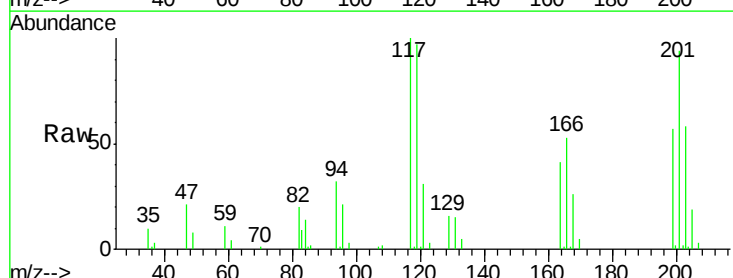
Instrument :
BNA_F
ClientSampleId :
PB82571BS

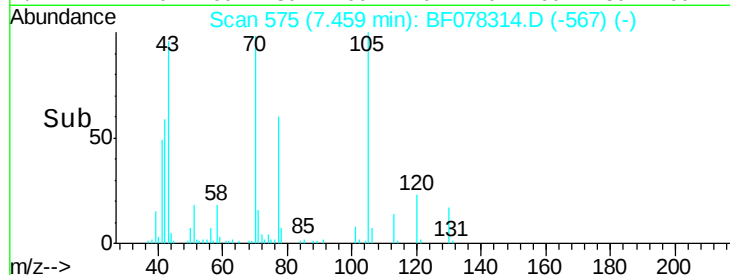
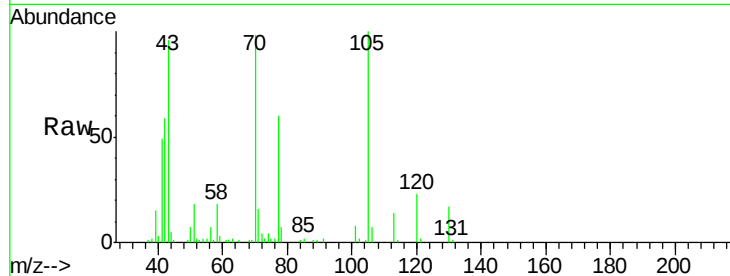
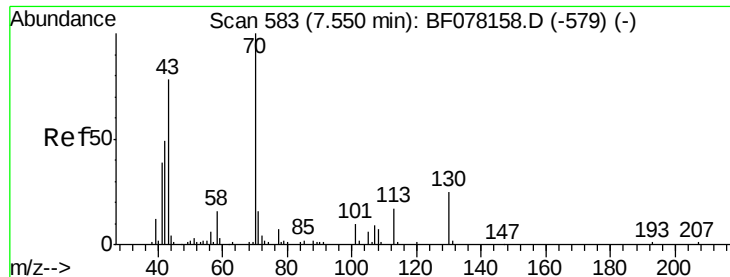
Tot Ion:107 Resp: 80222
Ion Ratio Lower Upper
107 100
108 113.9 90.3 135.5
77 50.1 35.5 53.3
79 46.8 34.2 51.4



#18
Hexachloroethane
Concen: 43.53 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:117 Resp: 38237
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.6
201 93.6 98.1 147.1#

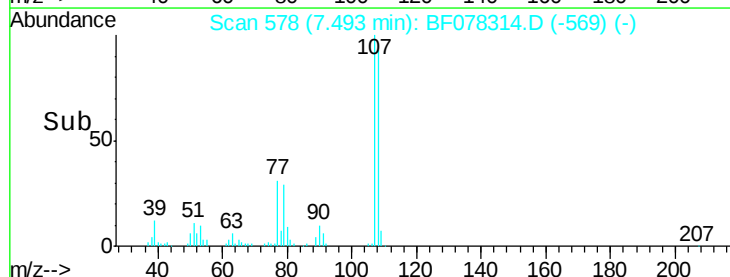
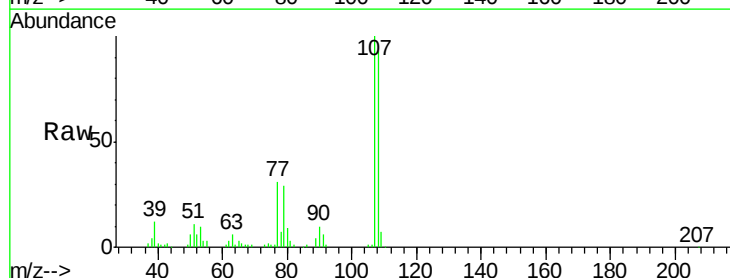
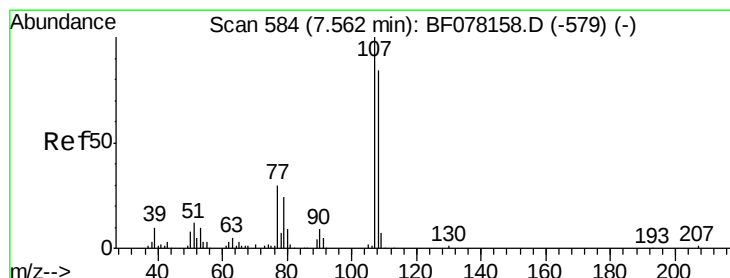
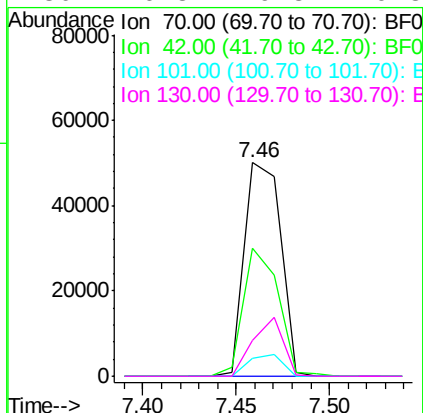




#19
n-Nitroso-di-n-propylamine
Concen: 41.11 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

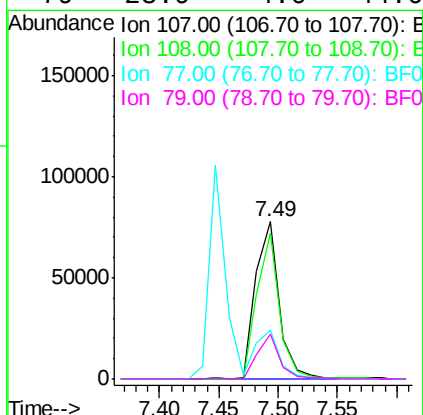
Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion:	70	Resp:	67729
Ion	Ratio	Lower	Upper
70	100		
42	59.9	38.9	58.3#
101	8.3	8.3	12.5#
130	16.8	19.8	29.8#



#20
3+4-Methylphenols
Concen: 44.53 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:	107	Resp:	108664
Ion	Ratio	Lower	Upper
107	100		
108	93.2	64.4	104.4
77	30.8	9.7	49.7
79	28.9	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

Tot Ion:136 Resp: 132700

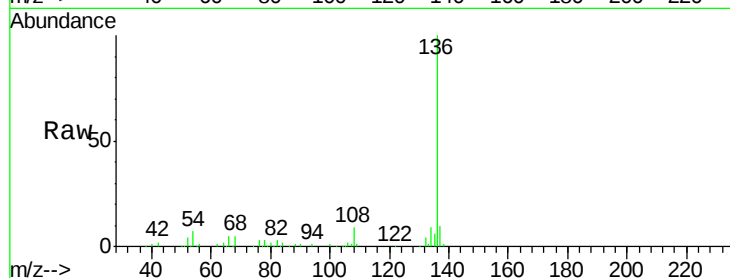
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.7 7.0 10.6#

68 5.3 5.4 8.2#

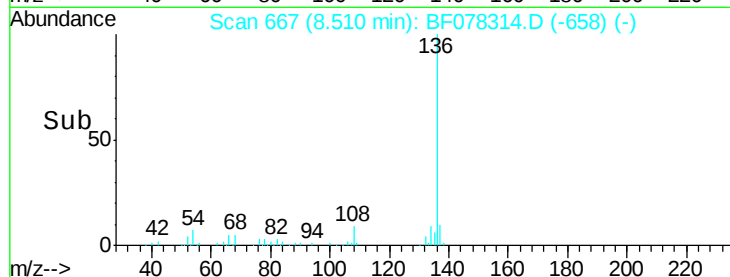


Abundance Ion 136.00 (135.70 to 136.70): E

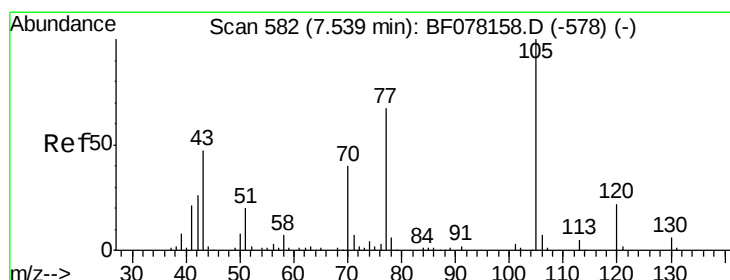
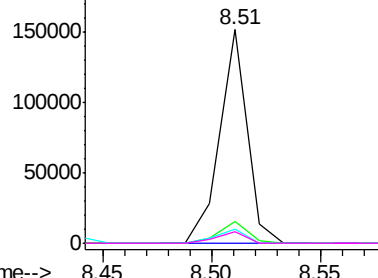
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.84 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Tgt Ion:105 Resp: 138645

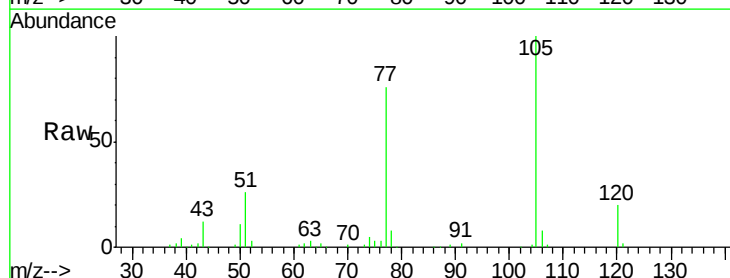
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.2 16.0 24.0#

120 20.4 17.8 26.6

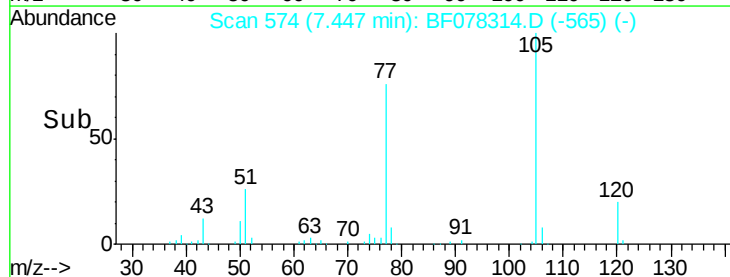


Abundance Ion 105.00 (104.70 to 105.70): E

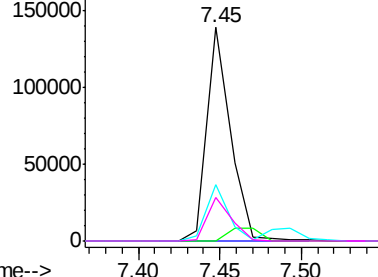
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

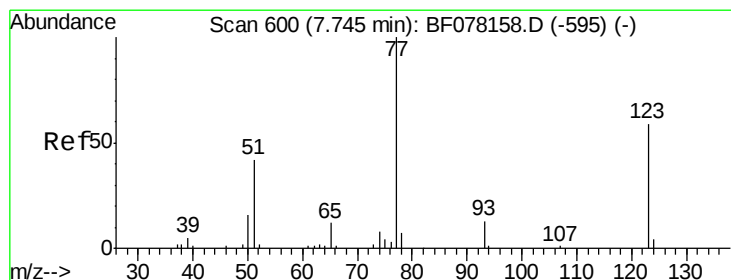
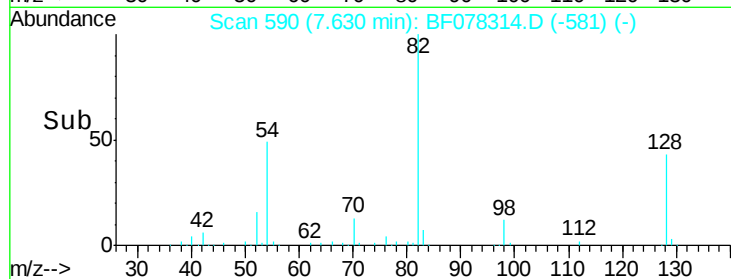
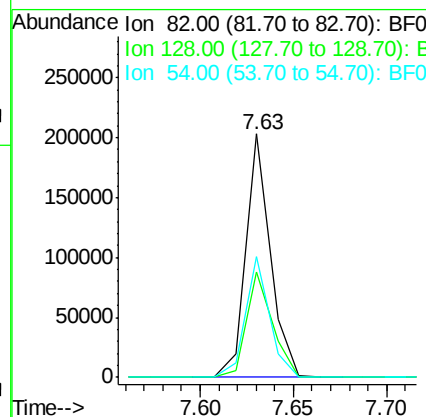
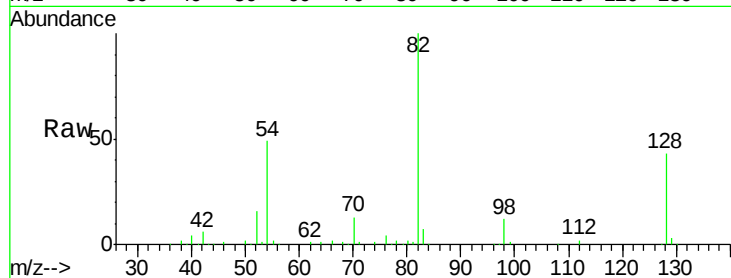




#23
 Nitrobenzene-d5
 Concen: 85.10 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

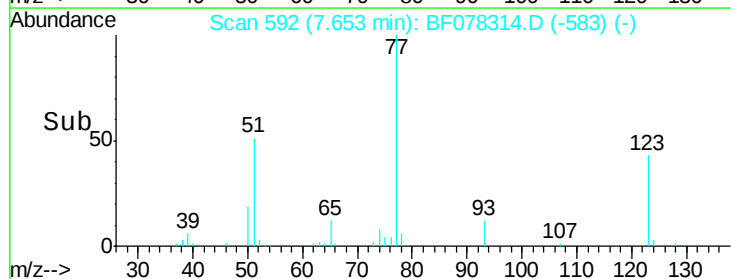
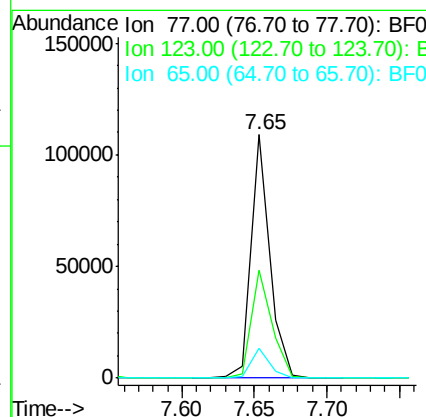
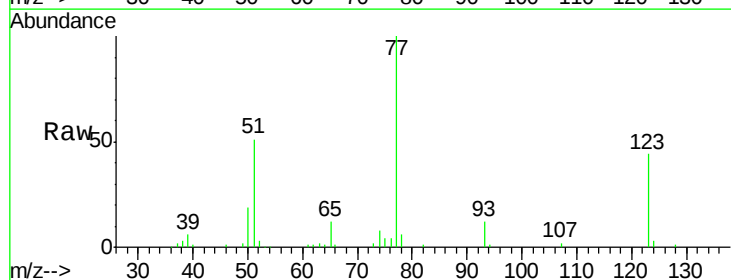
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion	82	Resp	186313
Ion Ratio	100	Lower	Upper
128	43.2	31.8	47.8
54	49.5	41.5	62.3



#24
 Nitrobenzene
 Concen: 42.97 ng
 RT: 7.65 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion	77	Resp	98336
Ion Ratio	100	Lower	Upper
123	44.3	46.9	70.3#
65	12.5	9.5	14.3





#25

Isophorone

Concen: 43.70 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

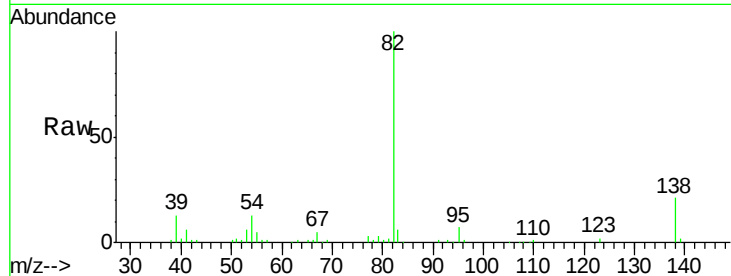
Tot Ion: 82 Resp: 181585

Ion Ratio Lower Upper

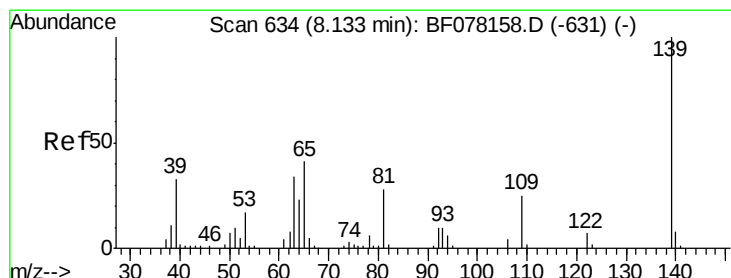
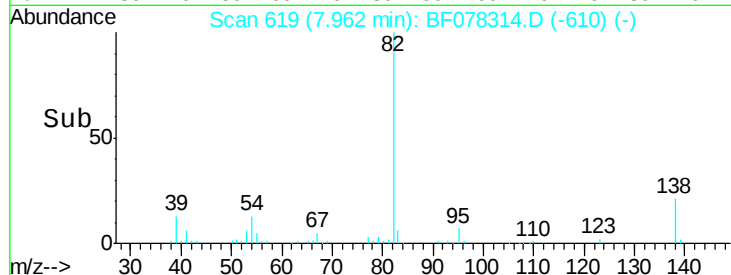
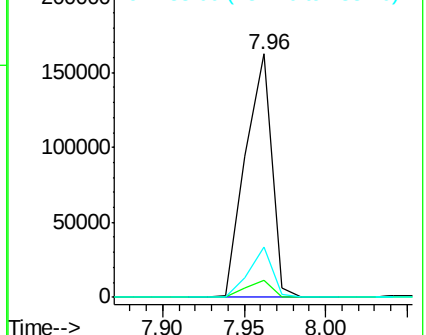
82 100

95 7.2 5.7 8.5

138 20.9 15.8 23.8



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



#26

2-Nitrophenol

Concen: 45.17 ng

RT: 8.05 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

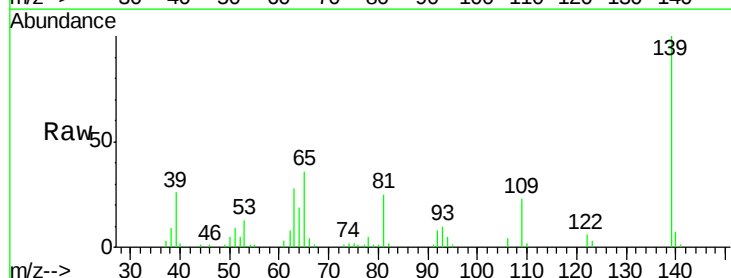
Tgt Ion: 139 Resp: 49260

Ion Ratio Lower Upper

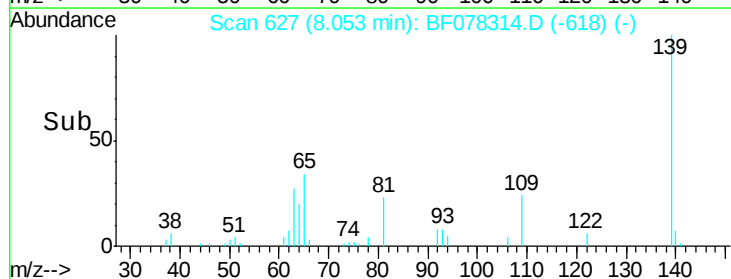
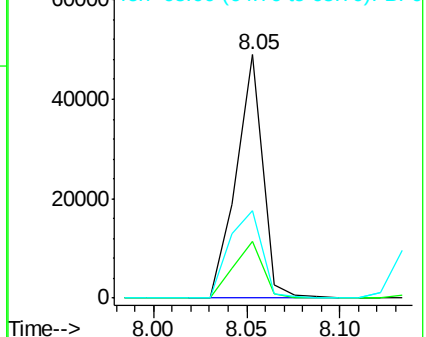
139 100

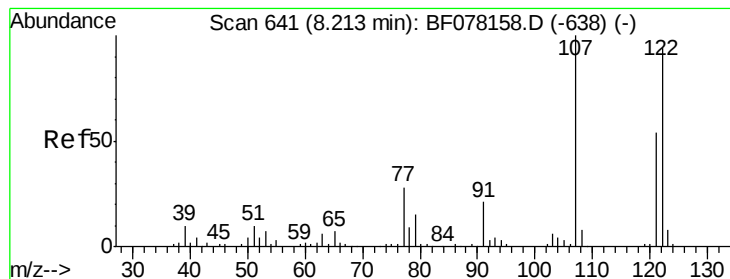
109 23.4 19.8 29.8

65 35.7 32.7 49.1



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





#27

2,4-Dimethylphenol

Concen: 46.03 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

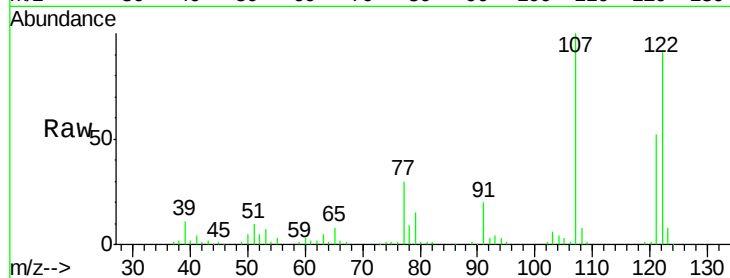
Tot Ion:122 Resp: 93347

Ion Ratio Lower Upper

122 100

107 110.1 84.6 127.0

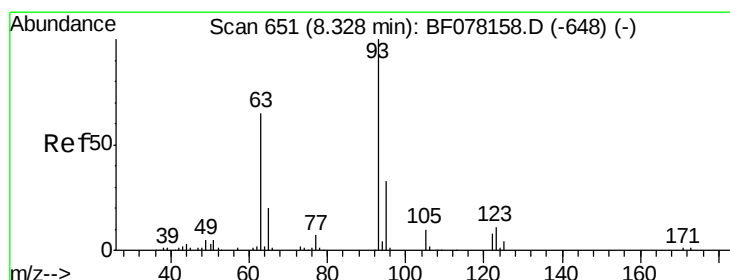
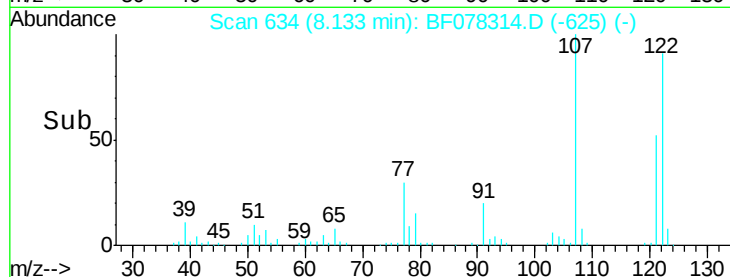
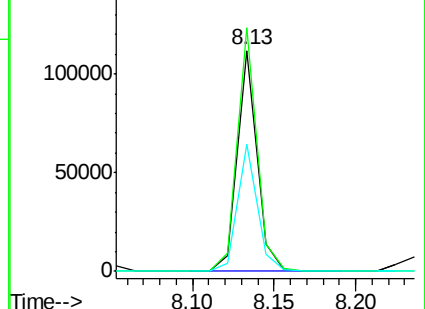
121 57.4 46.0 69.0



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: 44.09 ng

RT: 8.25 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

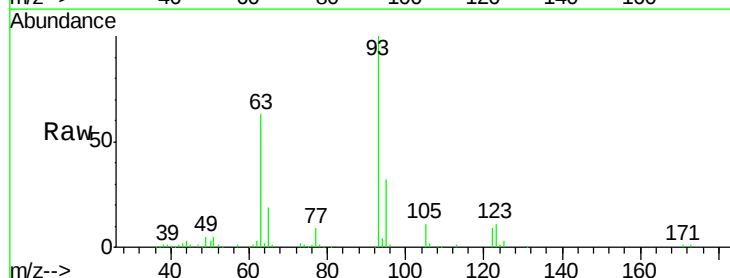
Tgt Ion: 93 Resp: 117484

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

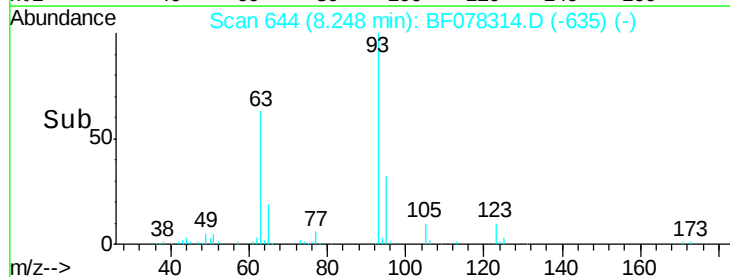
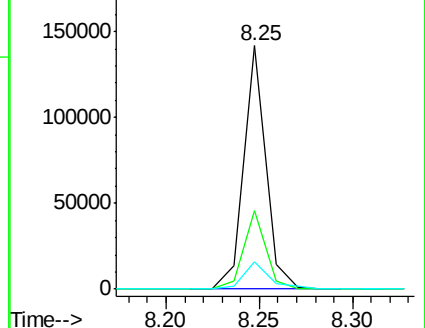
123 11.3 9.1 13.7

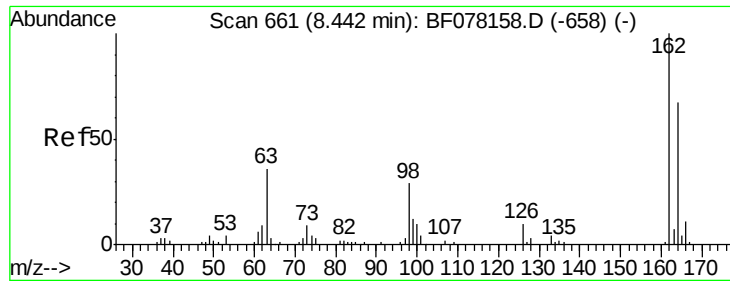


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

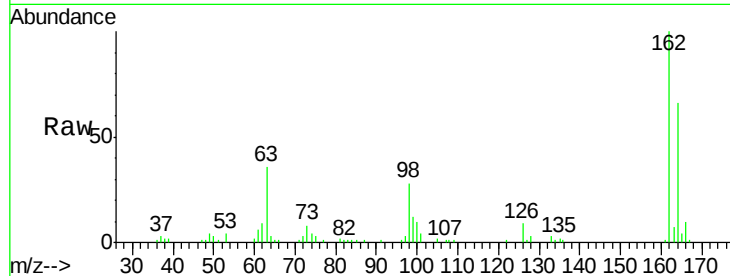




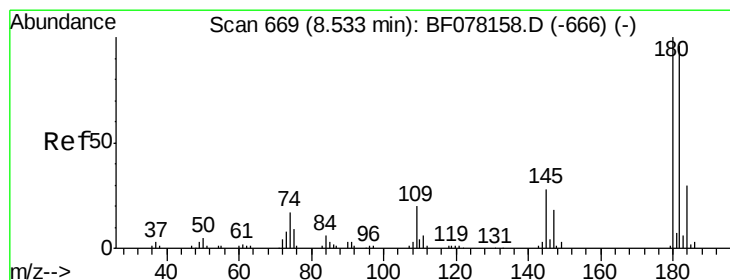
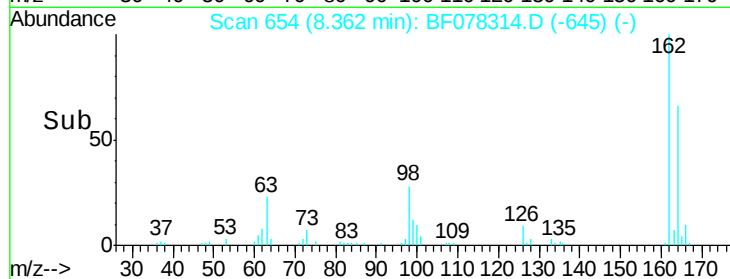
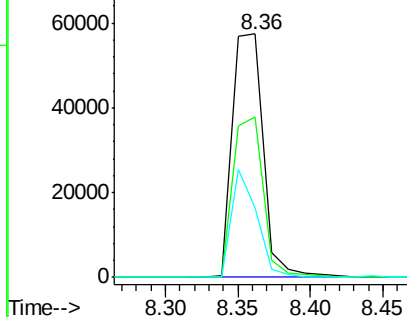
#29
 2,4-Dichlorophenol
 Concen: 46.18 ng
 RT: 8.36 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:162 Resp: 85212
 Ion Ratio Lower Upper
 162 100
 164 65.8 47.0 87.0
 98 28.4 9.2 49.2

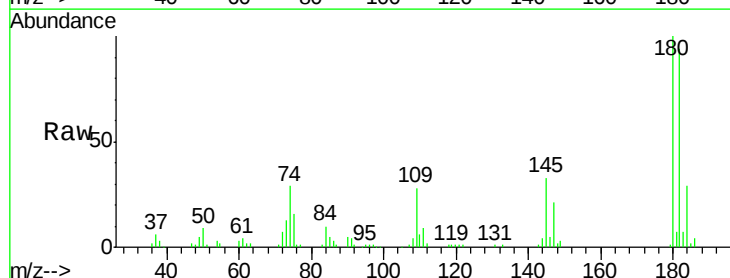


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

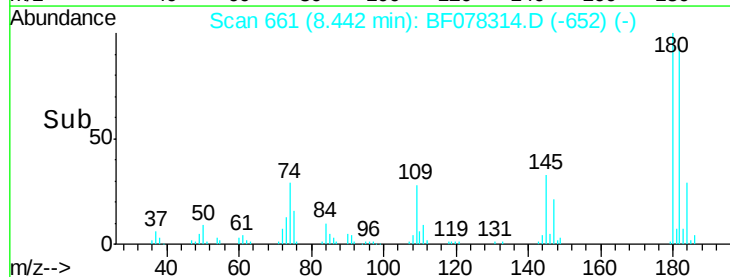
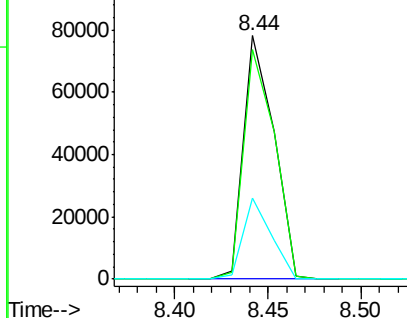


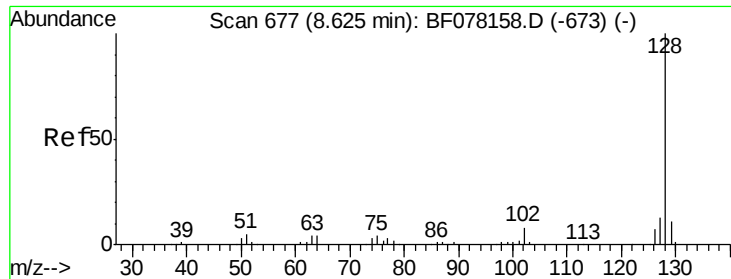
#30
 1,2,4-Trichlorobenzene
 Concen: 41.92 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:180 Resp: 88688
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.9 115.3
 145 33.1 22.5 33.7



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

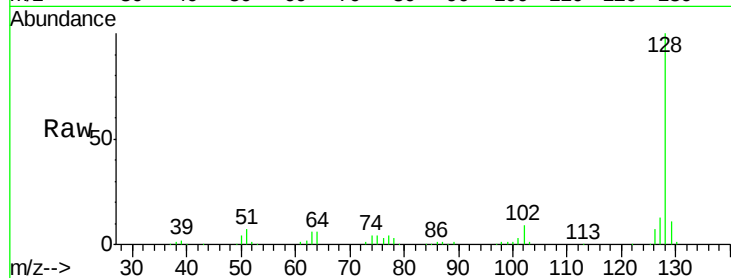




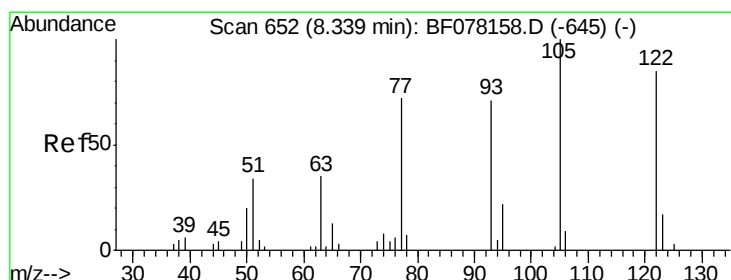
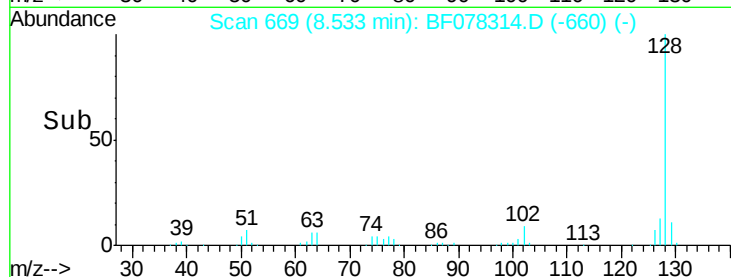
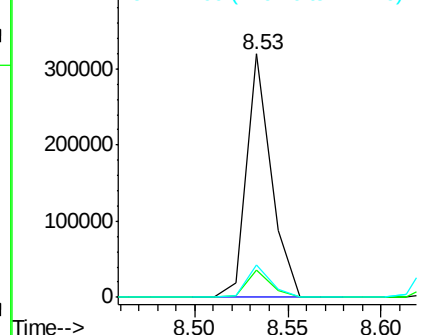
#31
Naphthalene
Concen: 42.46 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion:128 Resp: 293298
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.1 10.7 16.1

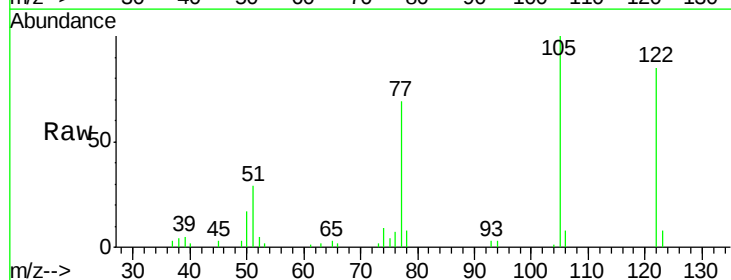


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

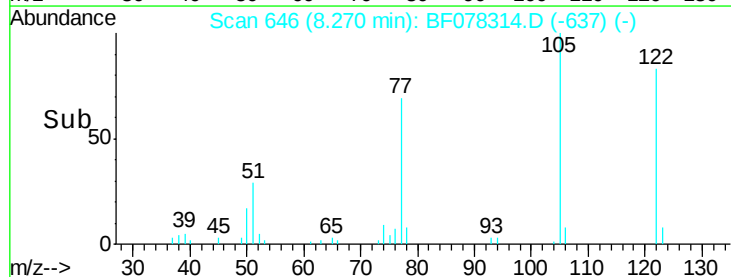
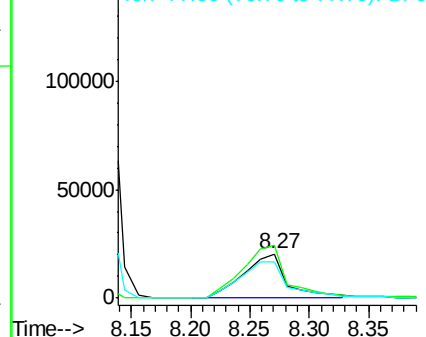


#32
Benzoic acid
Concen: 54.99 ng
RT: 8.27 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:122 Resp: 53367
Ion Ratio Lower Upper
122 100
105 117.8 96.1 136.1
77 81.5 64.1 104.1



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

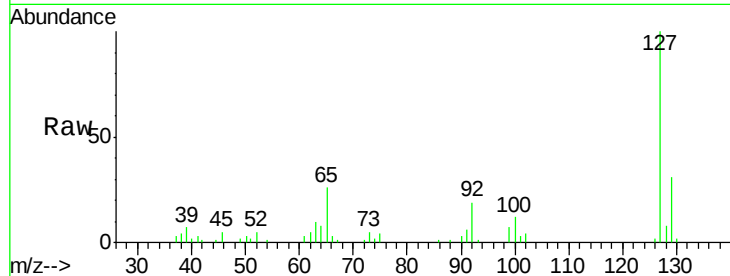




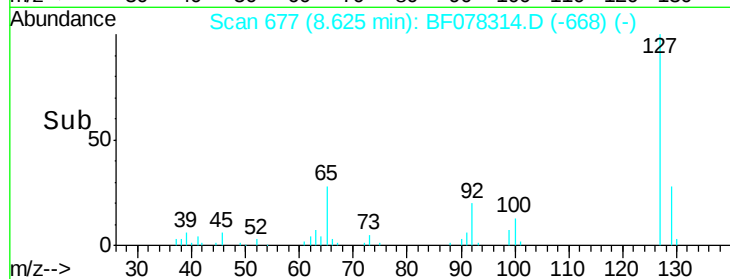
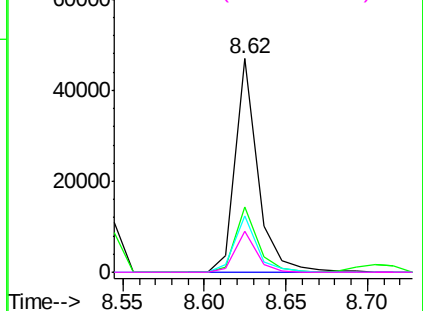
#33
4-Chloroaniline
Concen: 15.67 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion:	127	Resp:	44908
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.5	38.3
65	26.4	21.7	32.5
92	19.0	14.6	21.8

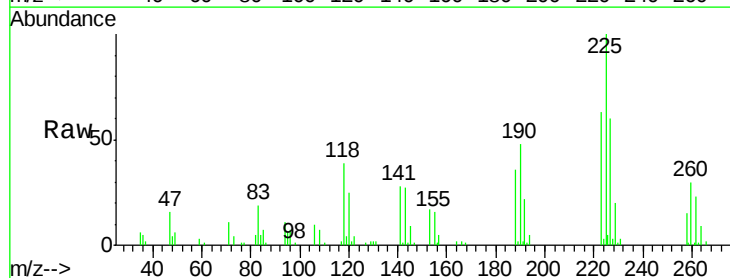


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

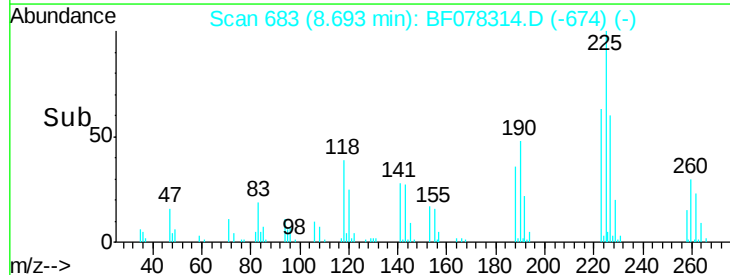
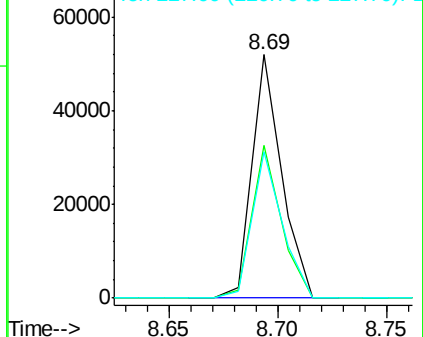


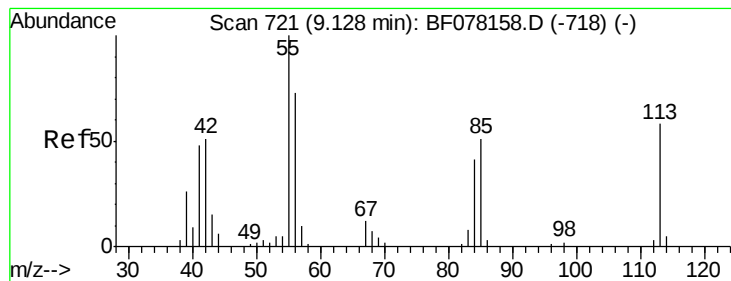
#34
Hexachlorobutadiene
Concen: 42.34 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:	225	Resp:	49185
Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.5	71.3
227	60.4	50.2	75.2



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





#35

Caprolactam

Concen: 46.93 ng

RT: 9.06 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

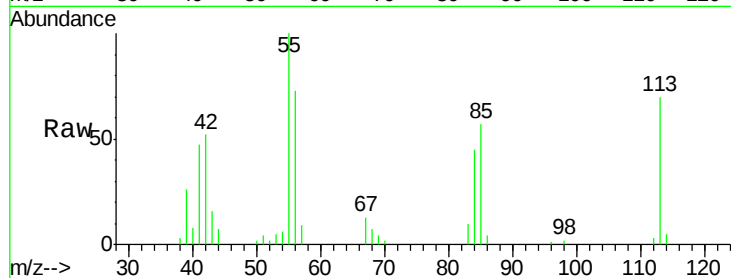
Tot Ion:113 Resp: 25844

Ion Ratio Lower Upper

113 100

55 143.5 151.9 191.9#

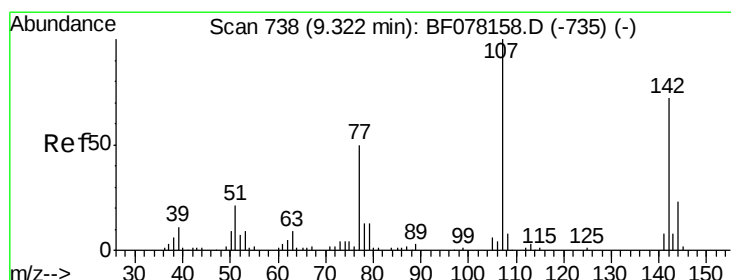
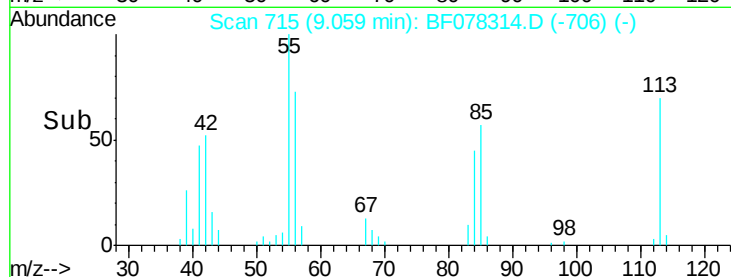
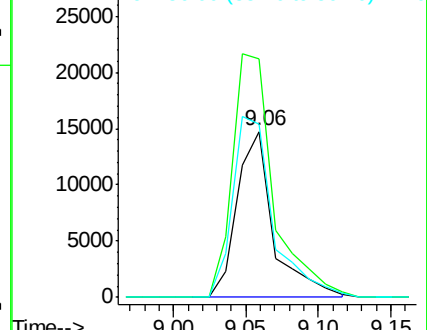
56 104.6 106.1 146.1#



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: 45.27 ng

RT: 9.25 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

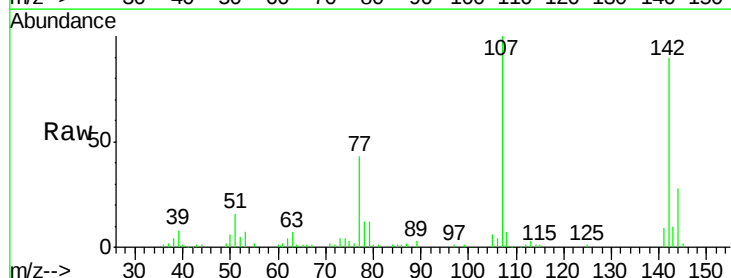
Tgt Ion:107 Resp: 84286

Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.2#

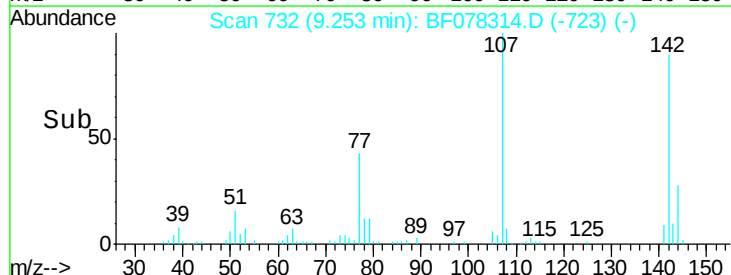
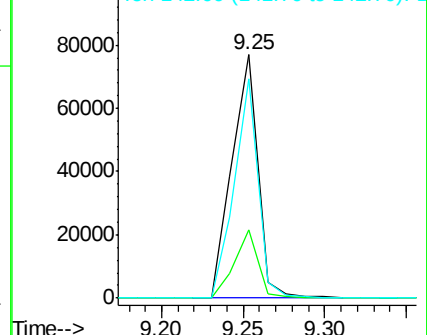
142 89.9 58.0 87.0#



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

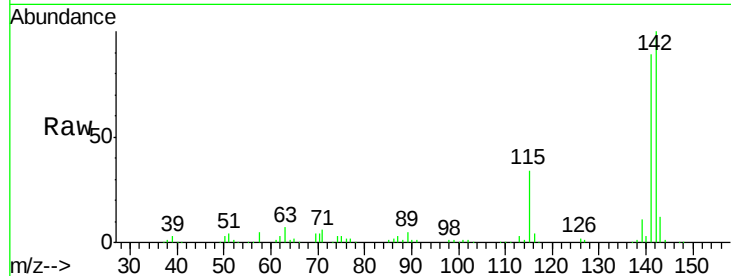




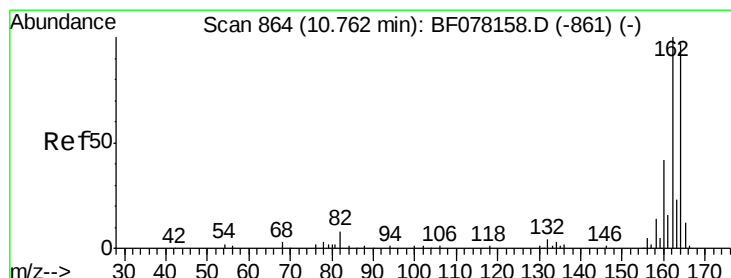
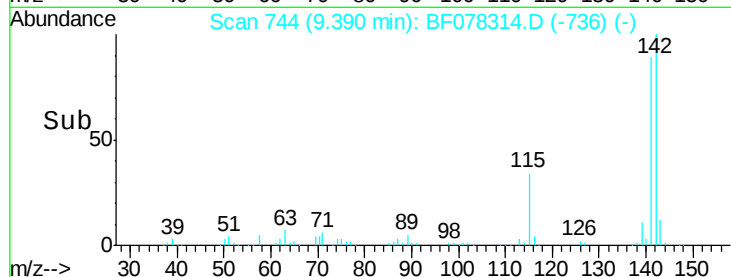
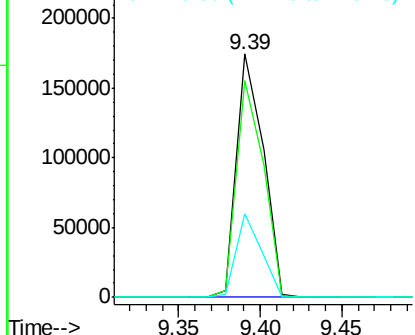
#37
 2-Methylnaphthalene
 Concen: 42.09 ng
 RT: 9.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:142 Resp: 197370
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.3 105.5
 115 34.1 24.6 37.0

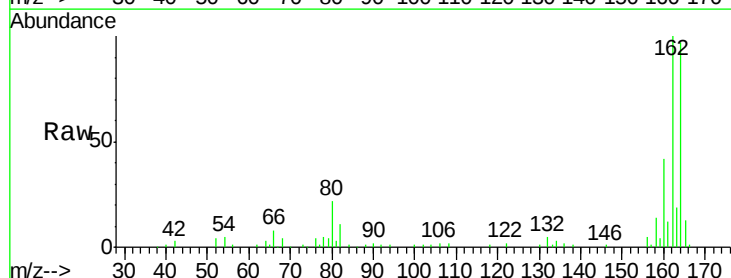


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

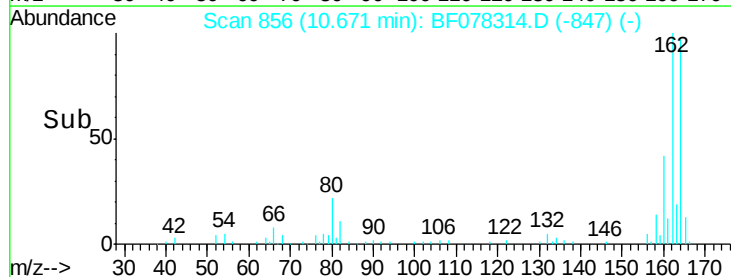
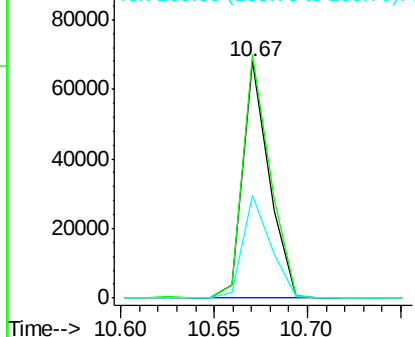


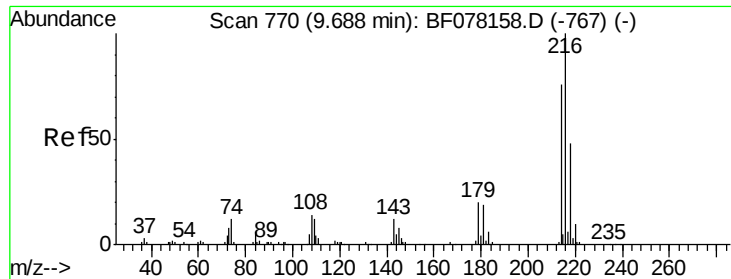
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:164 Resp: 66853
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.2 123.2
 160 43.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

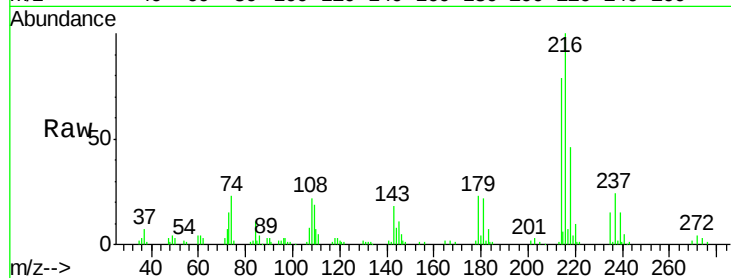




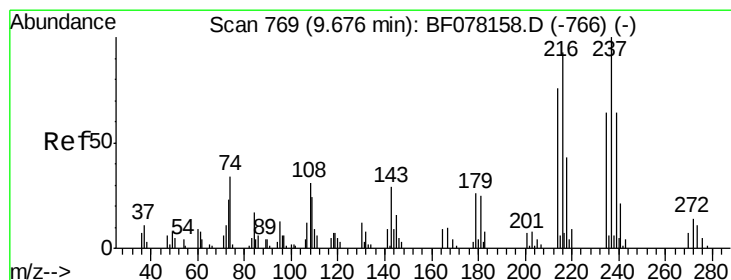
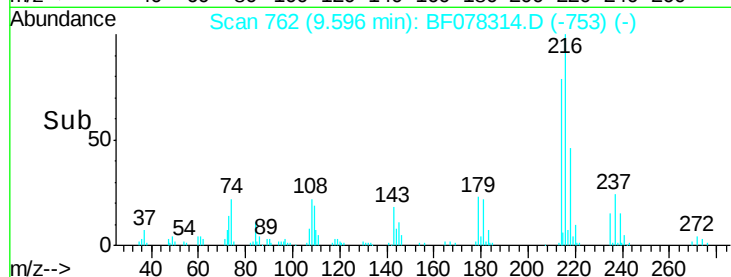
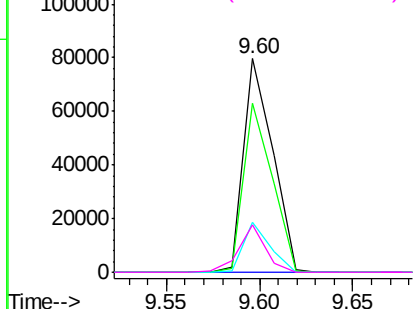
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.77 ng
 RT: 9.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:216	Resp:	86533
Ion Ratio	Lower	Upper
216	100	
214	77.9	62.0 93.0
179	21.2	17.3 25.9
108	20.7	14.6 21.8

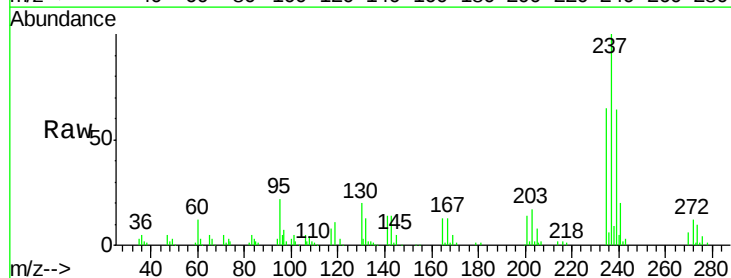


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

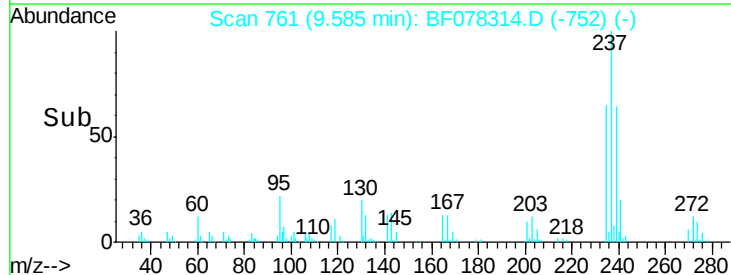
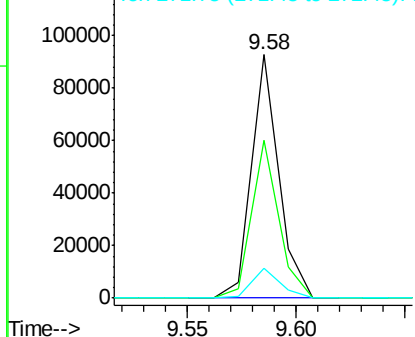


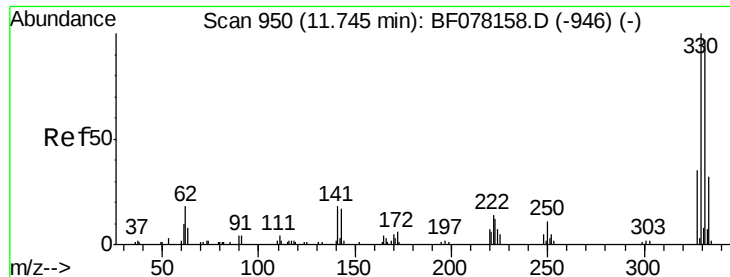
#40
 Hexachlorocyclopentadiene
 Concen: 89.37 ng
 RT: 9.58 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:237	Resp:	80474
Ion Ratio	Lower	Upper
237	100	
235	65.0	44.1 84.1
272	12.1	0.0 34.4



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

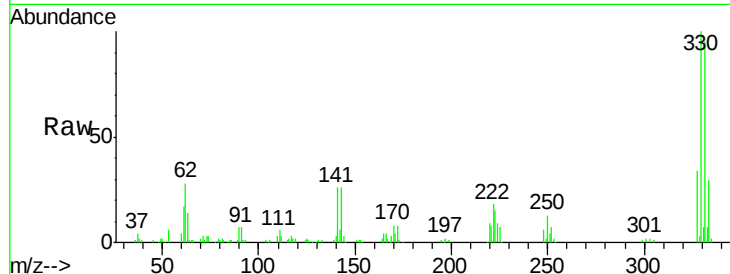




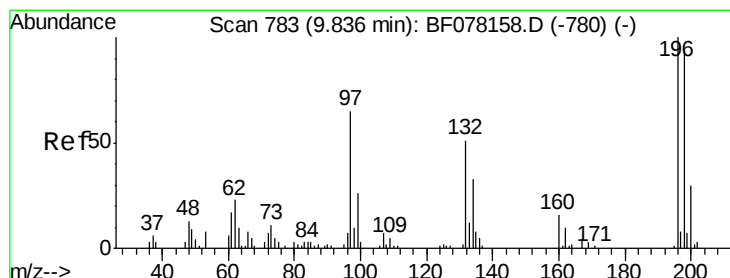
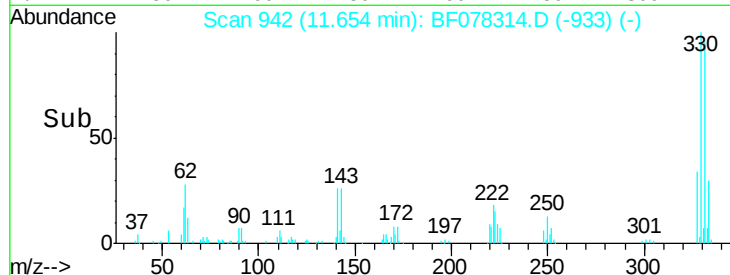
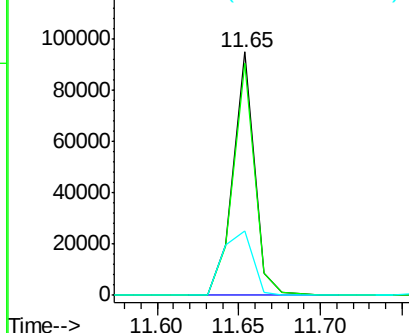
#41
 2,4,6-Tribromophenol
 Concen: 155.57 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:330 Resp: 86254
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.6 117.8
 141 36.9 31.2 46.8

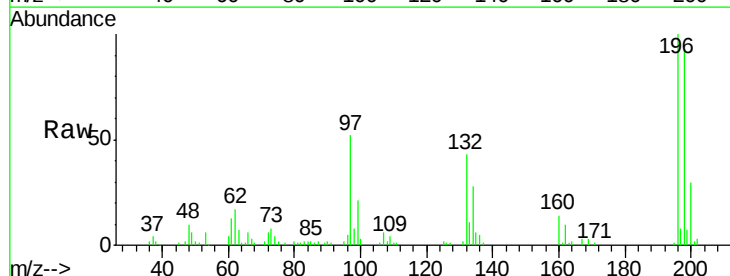


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

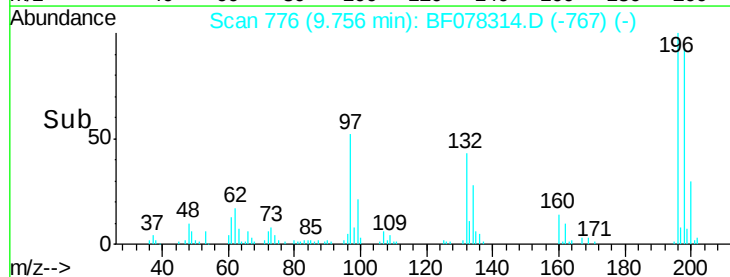
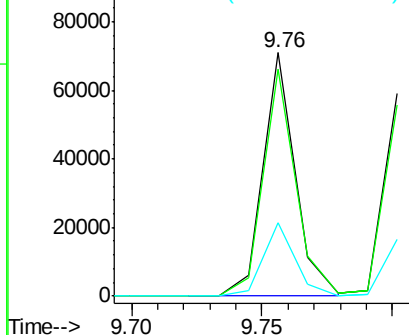


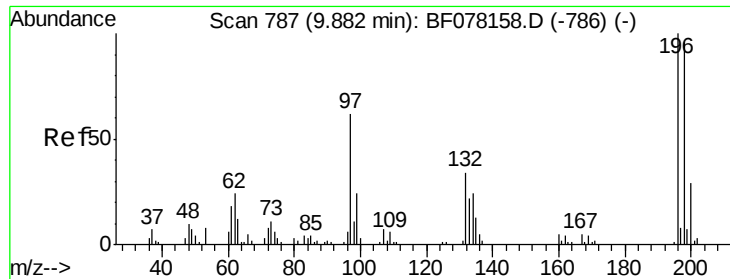
#42
 2,4,6-Trichlorophenol
 Concen: 46.84 ng
 RT: 9.76 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:196 Resp: 61190
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.4 113.2
 200 30.1 24.0 36.0



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

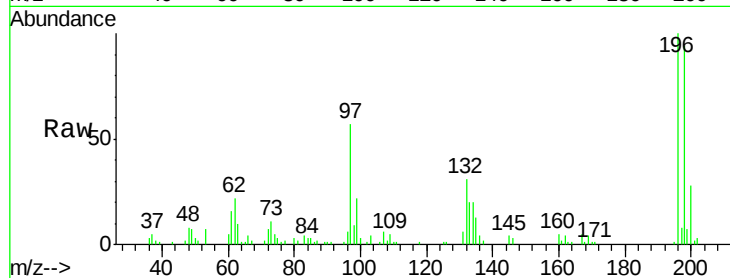




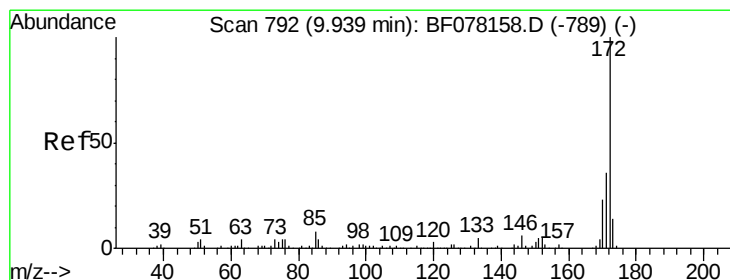
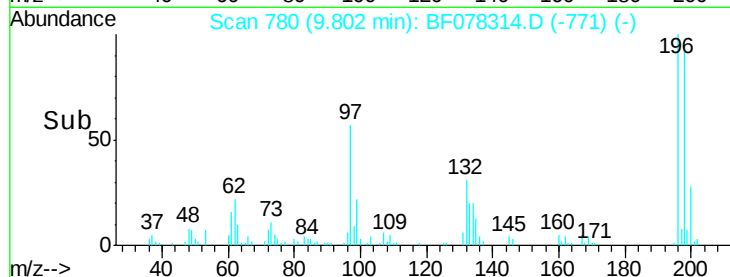
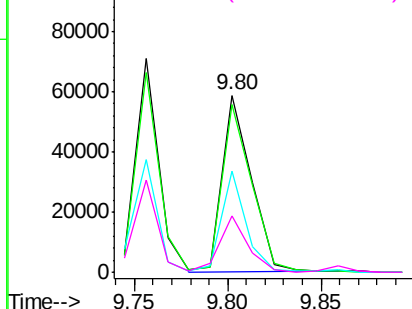
#43
 2,4,5-Trichlorophenol
 Concen: 46.87 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:196 Resp: 63970
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.6 115.0
 97 57.3 50.6 75.8
 132 31.5 27.7 41.5

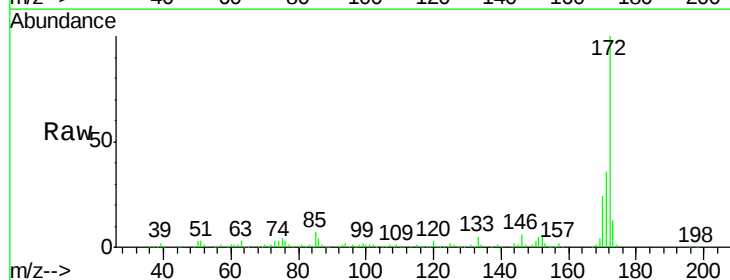


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

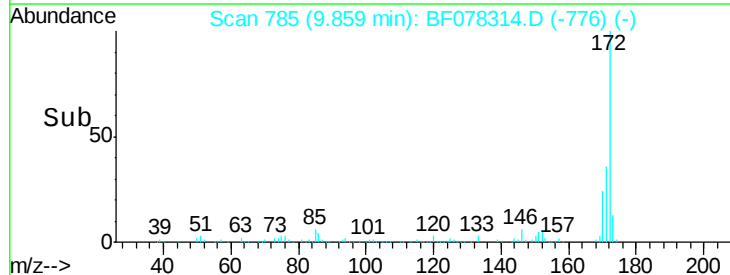
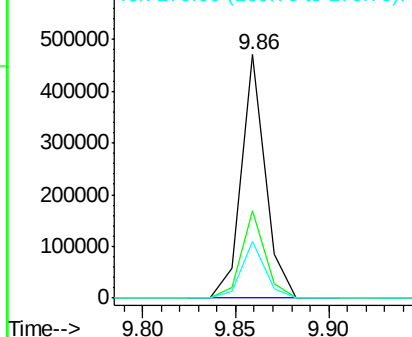


#44
 2-Fluorobiphenyl
 Concen: 90.16 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:172 Resp: 421662
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.5 18.5 27.7



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: 42.32 ng

RT: 9.97 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

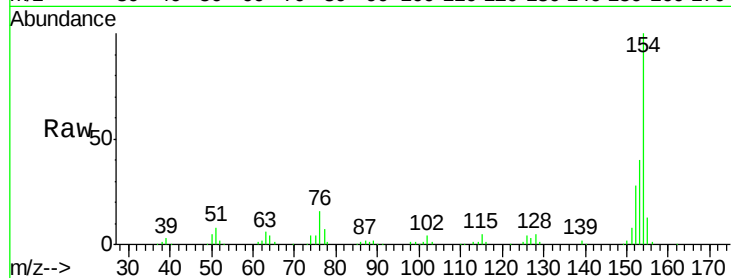
Tot Ion:154 Resp: 231428

Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

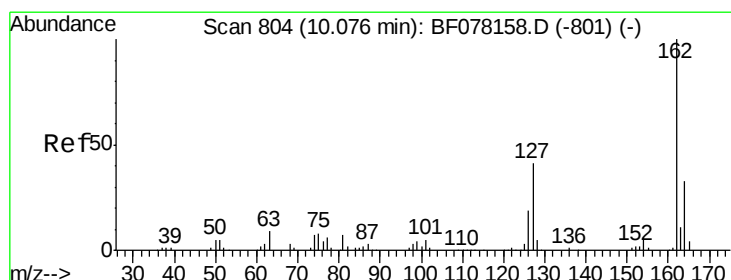
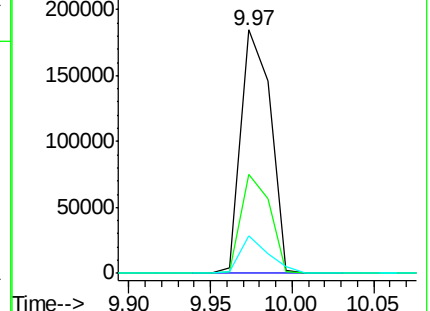
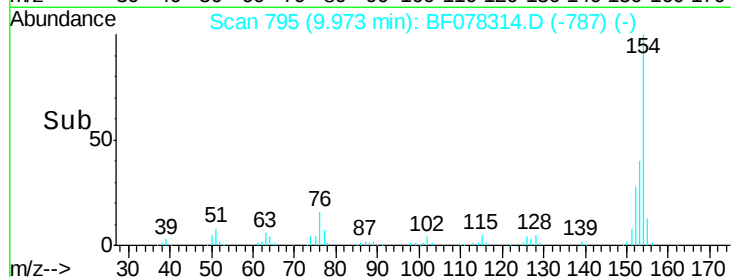
76 15.6 0.0 30.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 44.75 ng

RT: 10.00 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

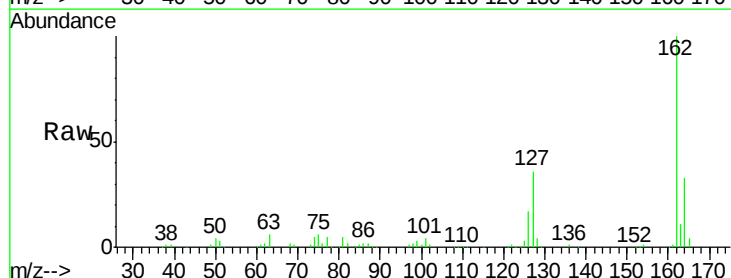
Tgt Ion:162 Resp: 192524

Ion Ratio Lower Upper

162 100

127 36.3 32.6 49.0

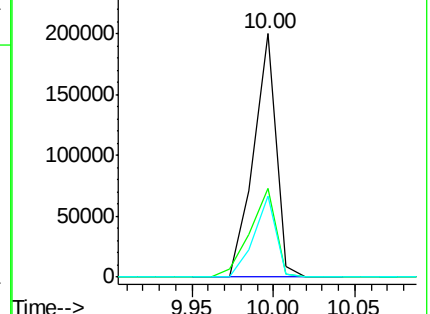
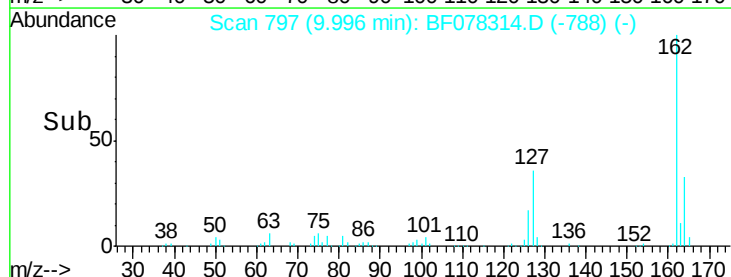
164 33.0 26.0 39.0



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

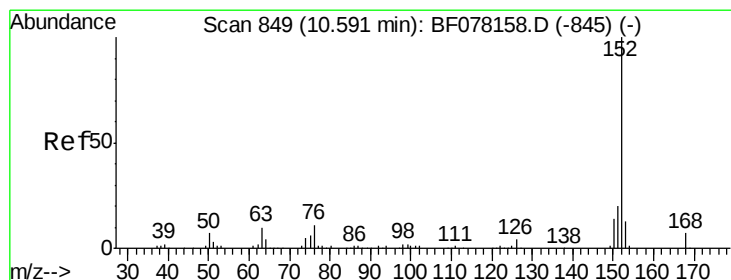
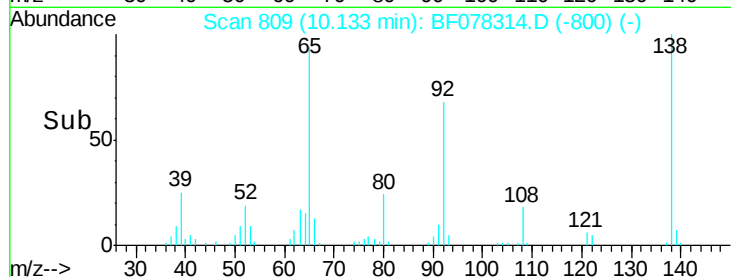
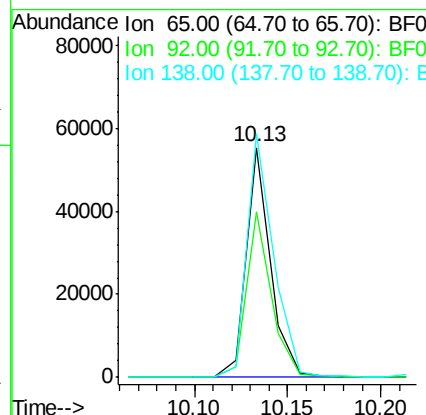
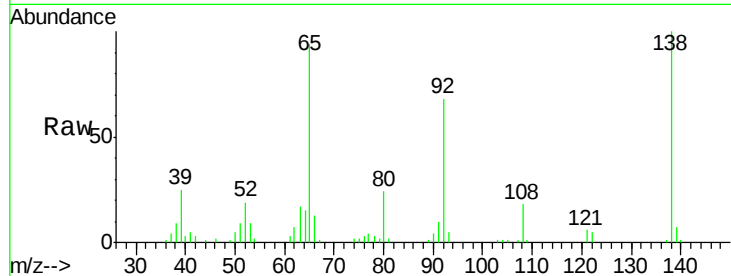




#47
2-Nitroaniline
Concen: 47.19 ng
RT: 10.13 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

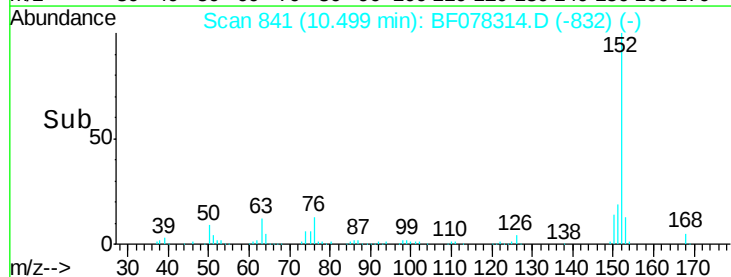
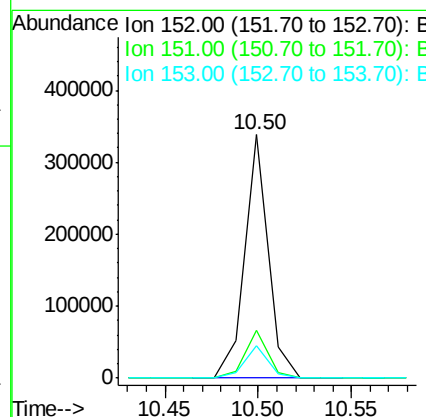
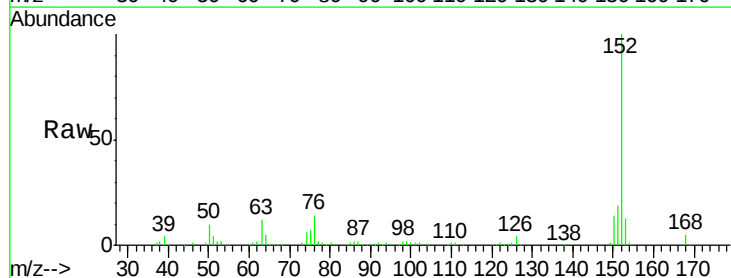
Instrument :
BNA_F
ClientSampleId :
PB82571BS

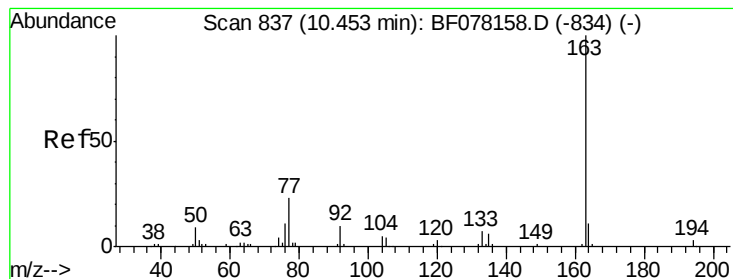
Tot Ion: 65 Resp: 50237
Ion Ratio Lower Upper
65 100
92 71.9 51.3 76.9
138 105.9 70.4 105.6#



#48
Acenaphthylene
Concen: 43.01 ng
RT: 10.50 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion: 152 Resp: 298799
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.2 10.2 15.2





#49

Dimethylphthalate

Concen: 42.14 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

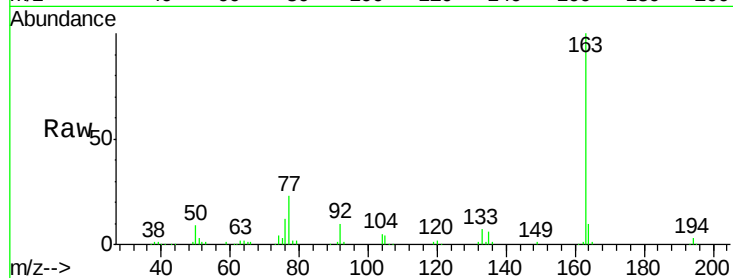
Tot Ion:163 Resp: 211649

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

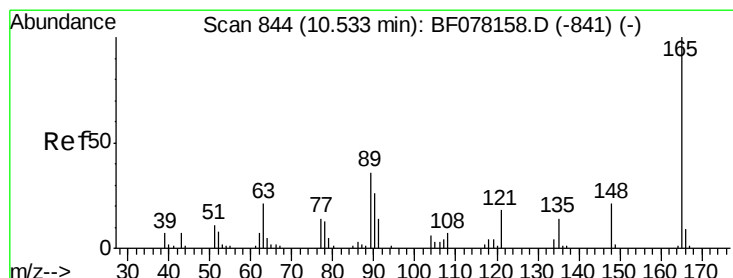
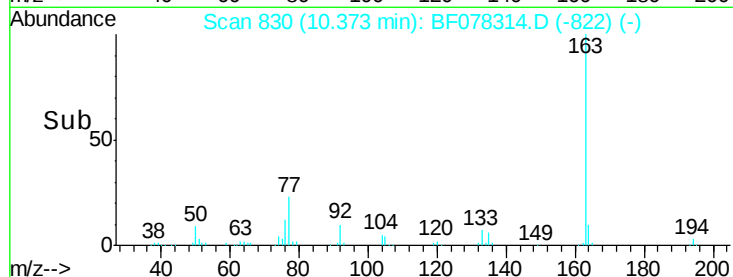
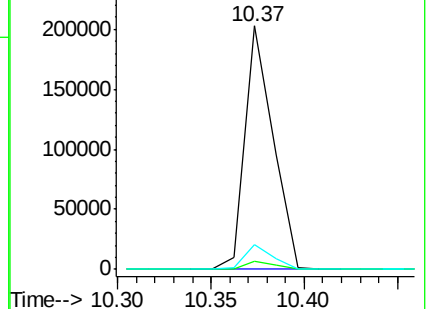
164 10.4 8.6 13.0



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: 44.13 ng

RT: 10.44 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

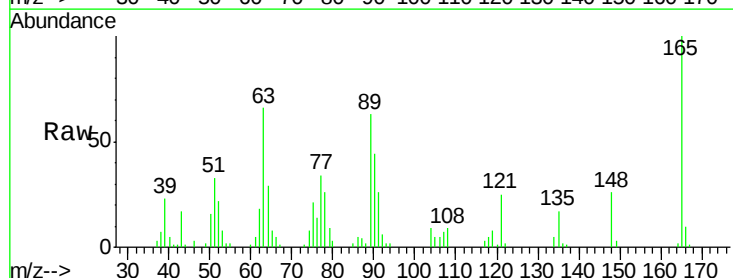
Tgt Ion:165 Resp: 45598

Ion Ratio Lower Upper

165 100

63 65.7 24.1 36.1#

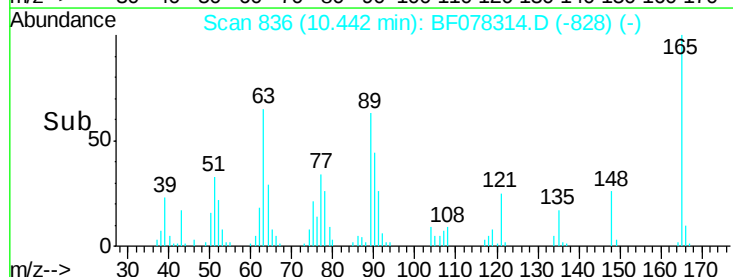
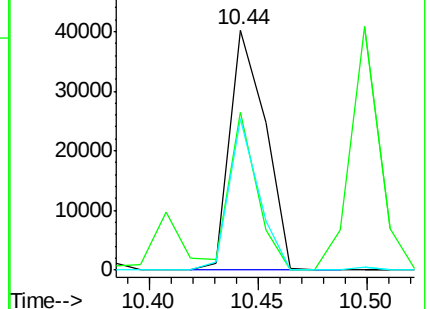
89 62.9 28.9 43.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.14 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

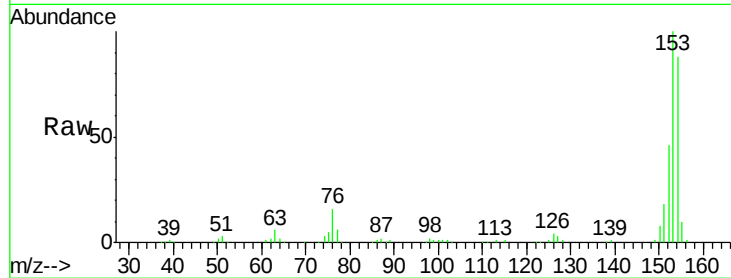
Tot Ion:154 Resp: 180470

Ion Ratio Lower Upper

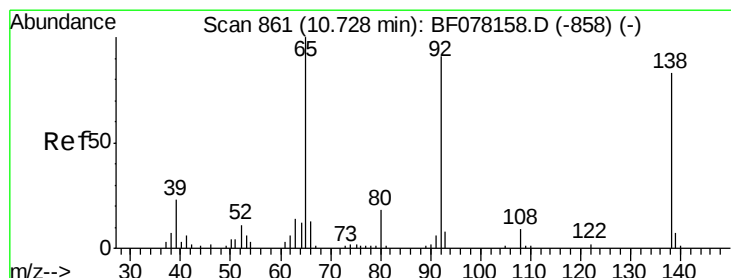
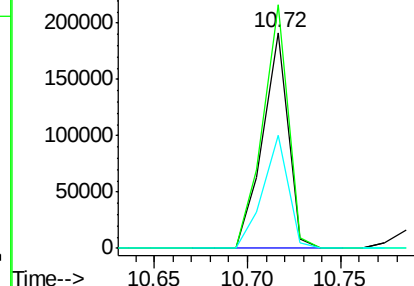
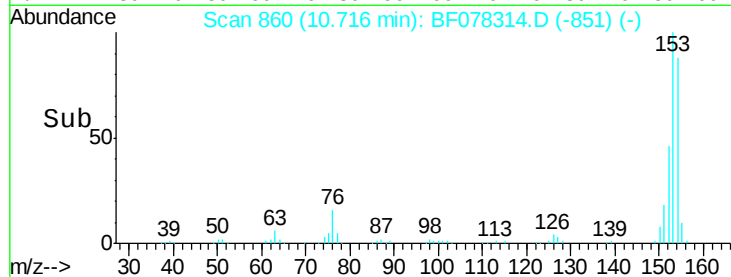
154 100

153 113.0 91.4 137.2

152 52.4 43.0 64.6



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: 25.72 ng

RT: 10.65 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

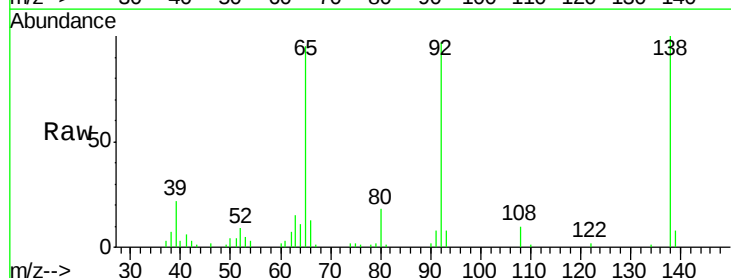
Tgt Ion:138 Resp: 30223

Ion Ratio Lower Upper

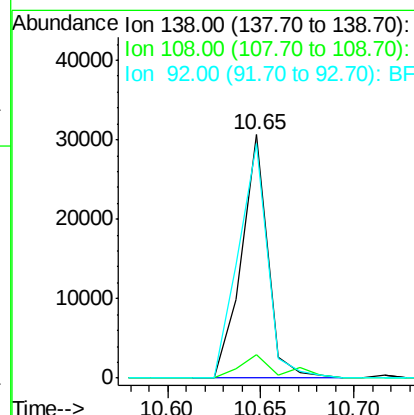
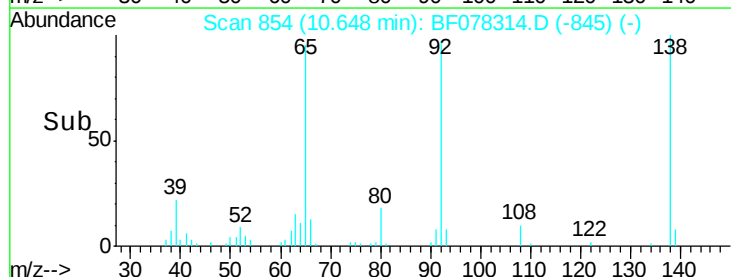
138 100

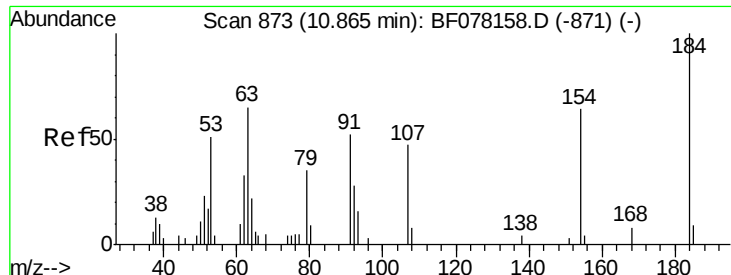
108 9.7 8.2 12.4

92 96.6 88.4 132.6



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

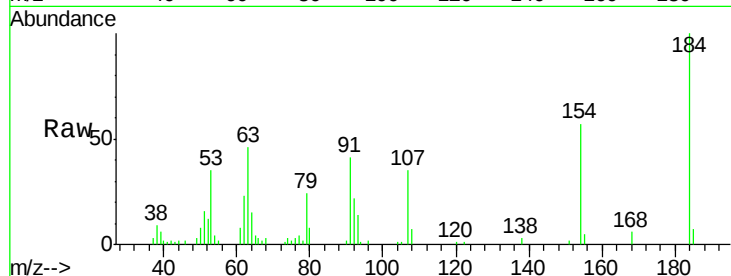




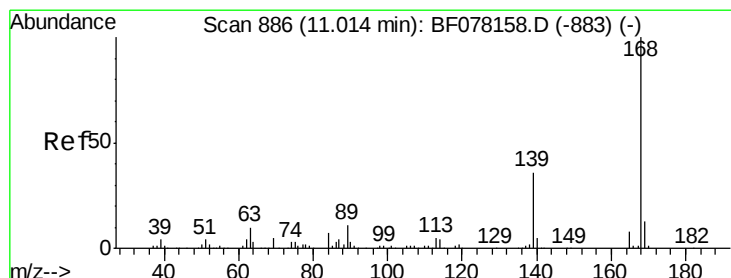
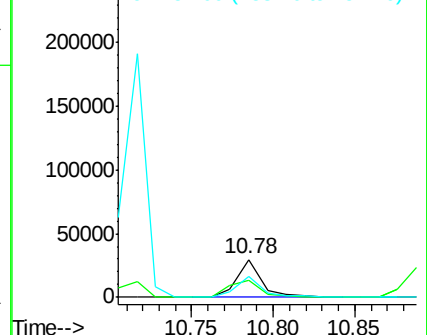
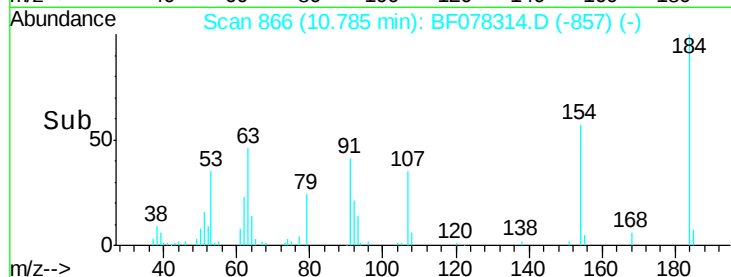
#53
 2,4-Dinitrophenol
 Concen: 78.58 ng
 RT: 10.78 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleID :
 PB82571BS

Tot Ion:184 Resp: 31300
 Ion Ratio Lower Upper
 184 100
 63 46.2 51.9 77.9#
 154 56.6 51.0 76.4

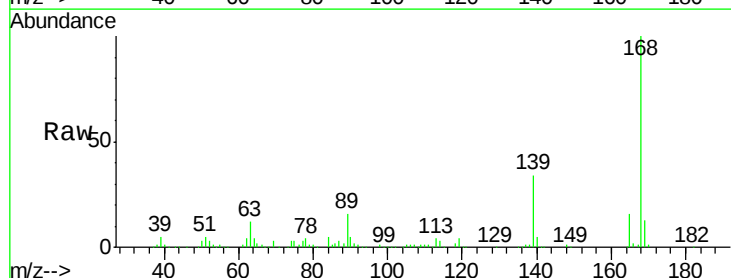


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

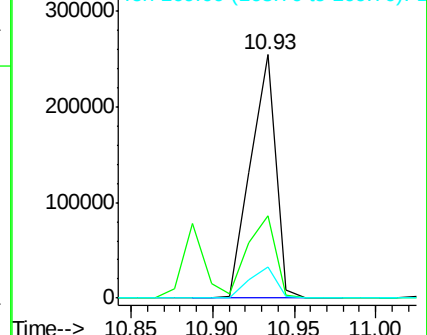
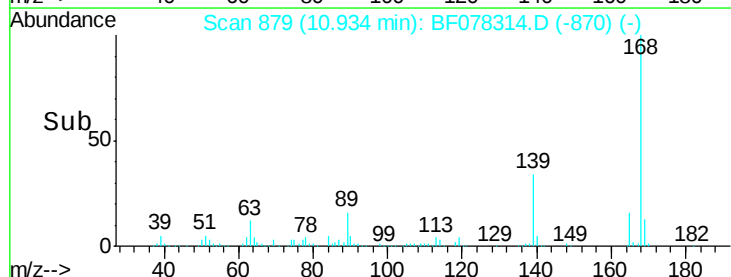


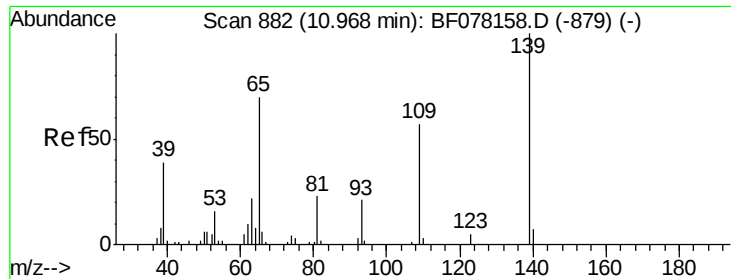
#54
 Dibenzofuran
 Concen: 45.64 ng
 RT: 10.93 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:168 Resp: 272700
 Ion Ratio Lower Upper
 168 100
 139 33.9 31.0 46.4
 169 12.6 10.7 16.1



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

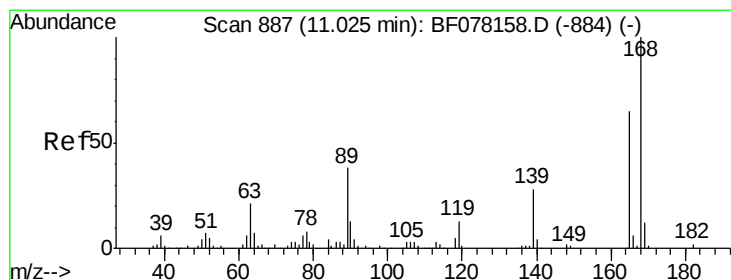
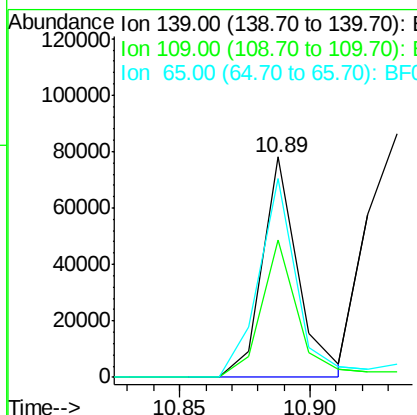
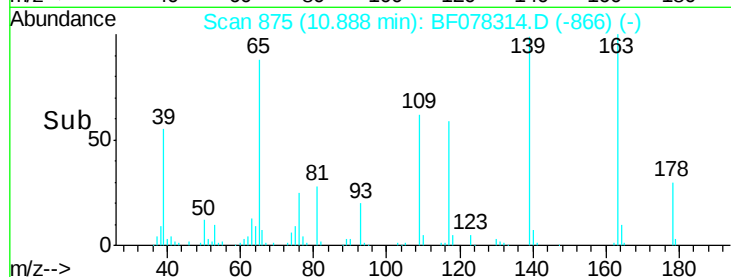
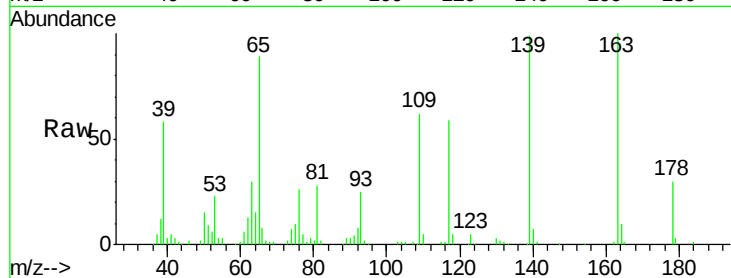




#55
4-Nitrophenol
Concen: 85.10 ng
RT: 10.89 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

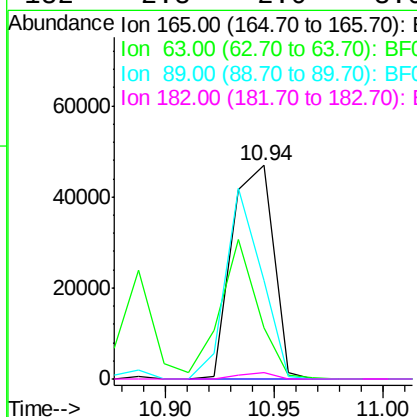
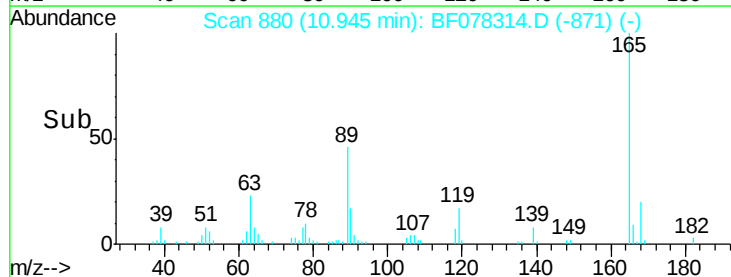
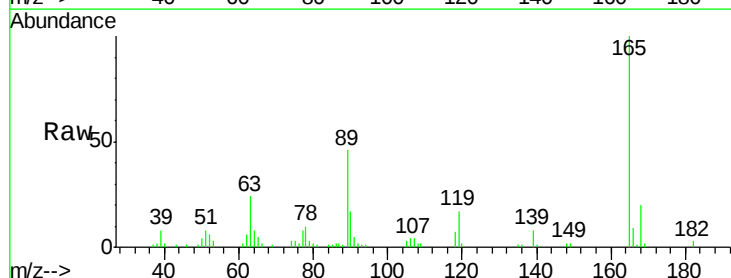
Instrument :
BNA_F
ClientSampleId :
PB82571BS

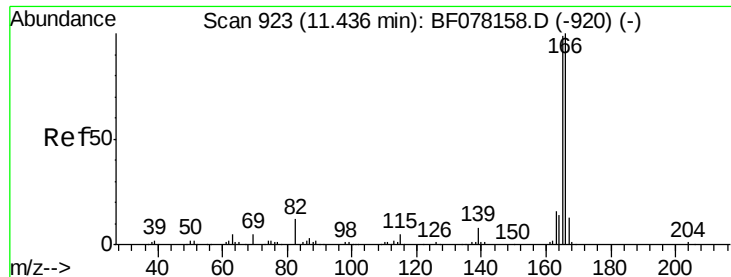
Tot Ion:139 Resp: 73789
Ion Ratio Lower Upper
139 100
109 62.7 36.7 76.7
65 90.2 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 46.46 ng
RT: 10.94 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:165 Resp: 62177
Ion Ratio Lower Upper
165 100
63 23.9 26.5 39.7#
89 46.2 46.4 69.6#
182 2.8 2.0 3.0

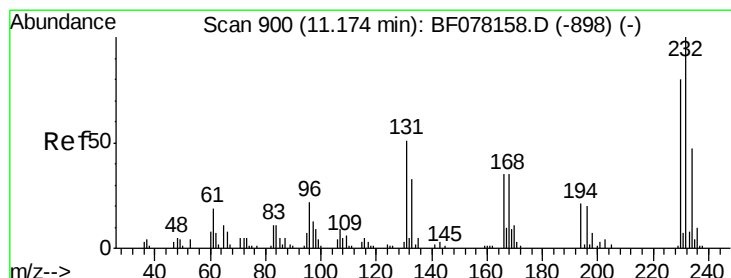
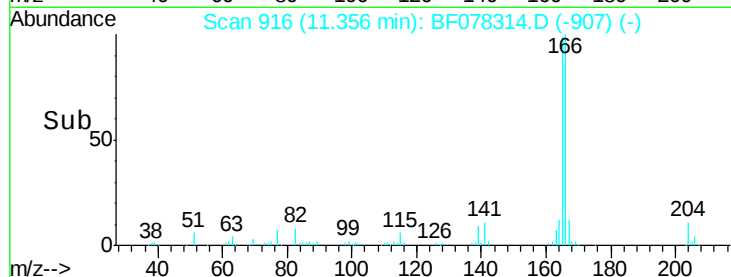
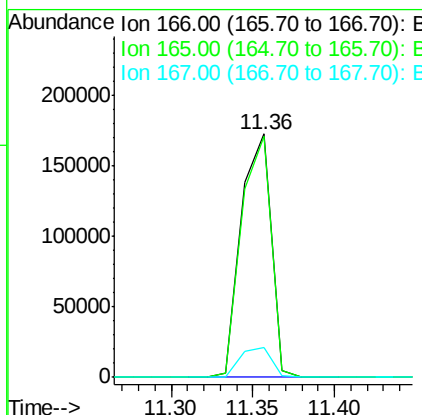
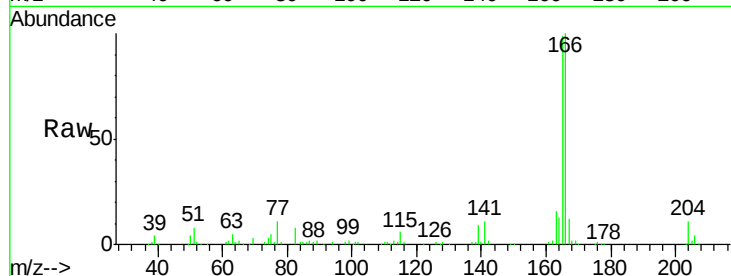




#57
 Fluorene
 Concen: 45.15 ng
 RT: 11.36 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

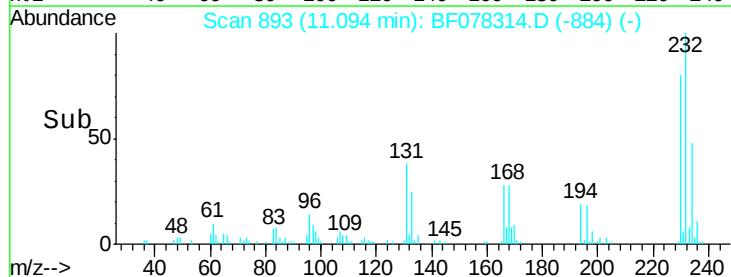
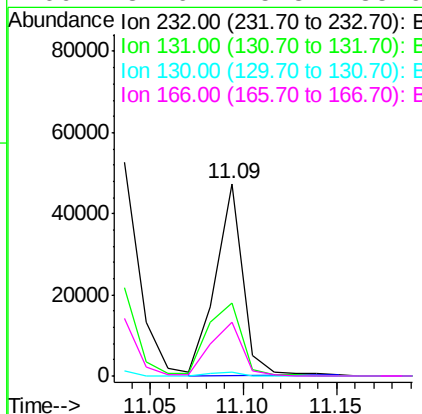
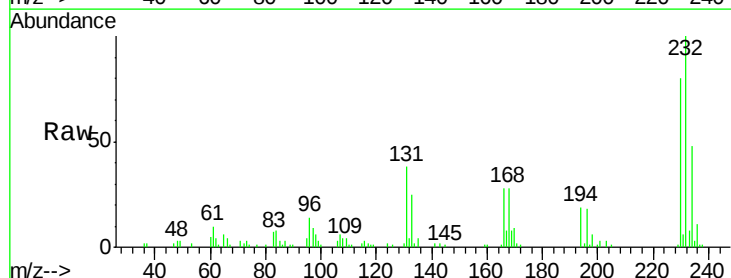
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

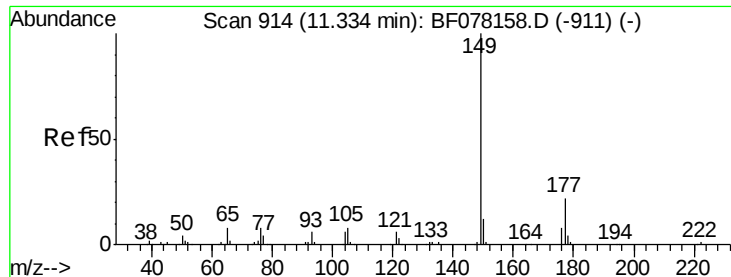
Tot Ion:166 Resp: 218634
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.9 118.3
 167 12.5 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.84 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:232 Resp: 48402
 Ion Ratio Lower Upper
 232 100
 131 48.2 37.8 56.8
 130 2.2 1.5 2.3
 166 32.6 25.8 38.6

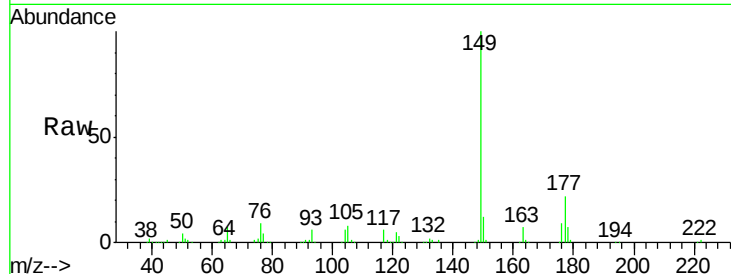




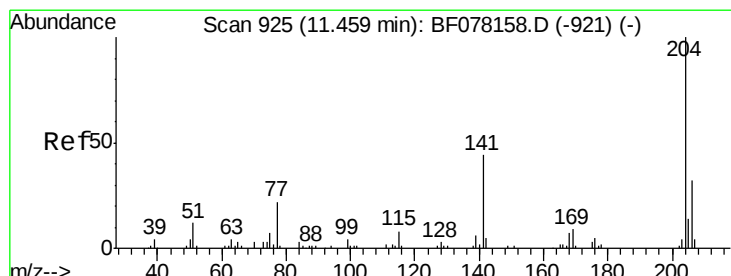
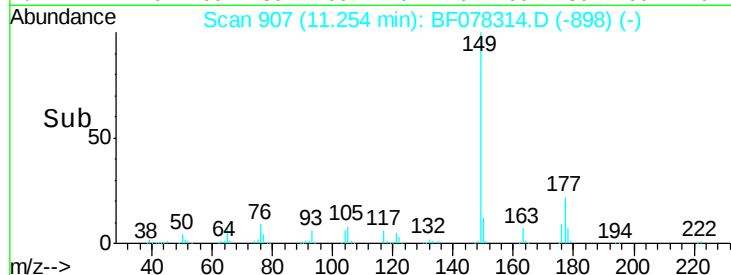
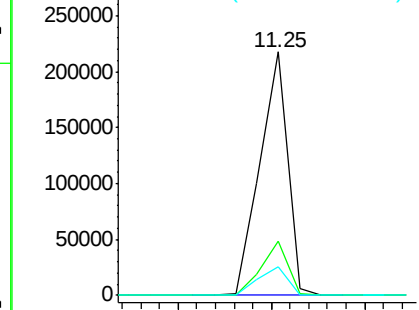
#59
Diethylphthalate
Concen: 46.09 ng
RT: 11.25 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion:149 Resp: 223201
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 11.9 9.4 14.2

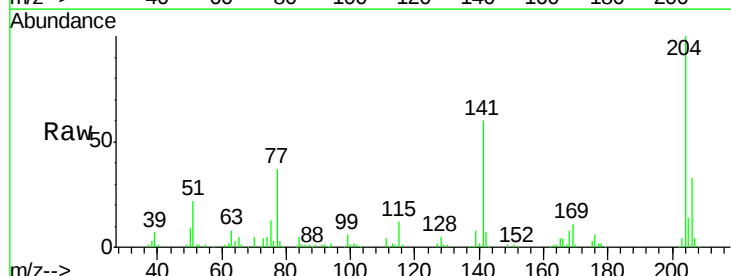


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

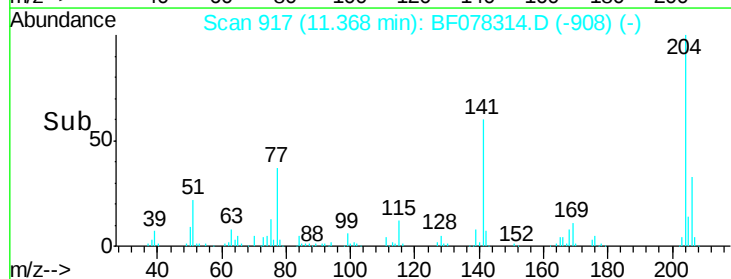
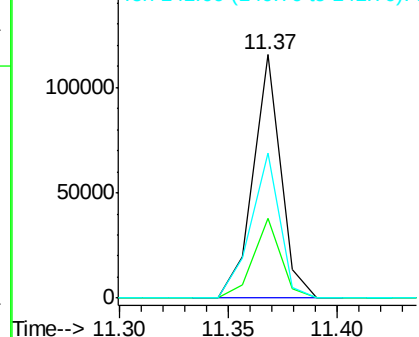


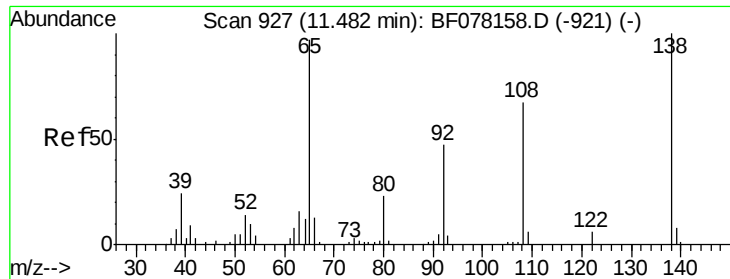
#60
4-Chlorophenyl-phenylether
Concen: 45.75 ng
RT: 11.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:204 Resp: 101918
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 59.7 35.4 53.0#



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

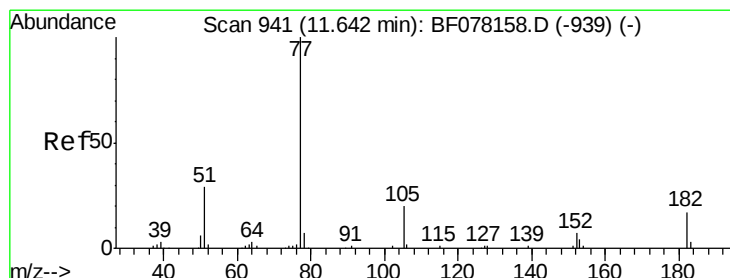
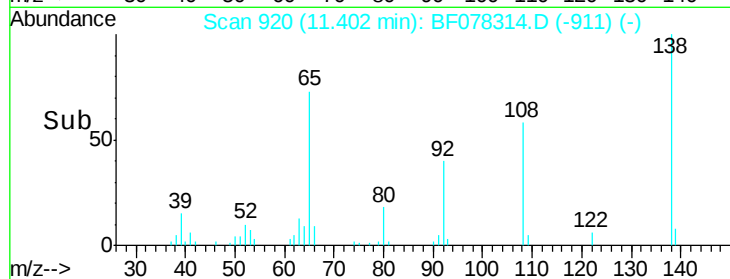
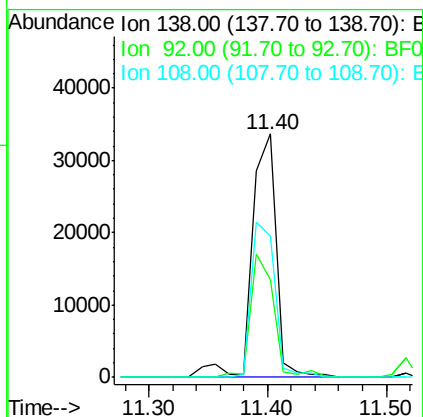
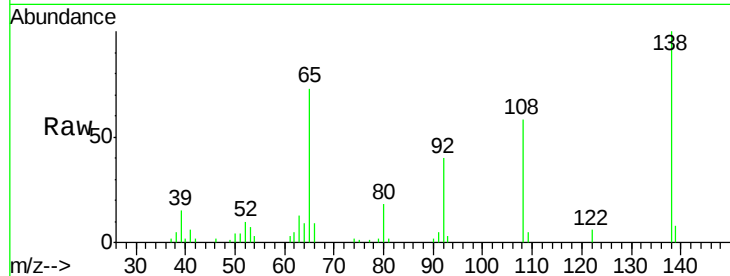




#61
4-Nitroaniline
Concen: 40.36 ng
RT: 11.40 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

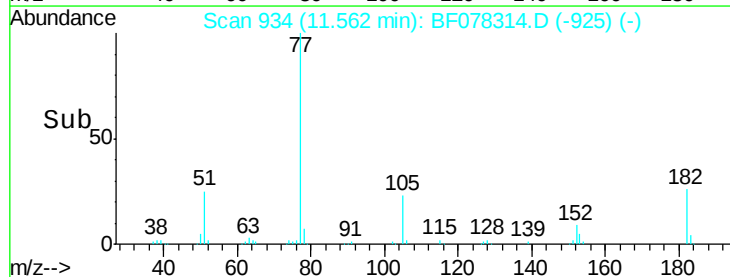
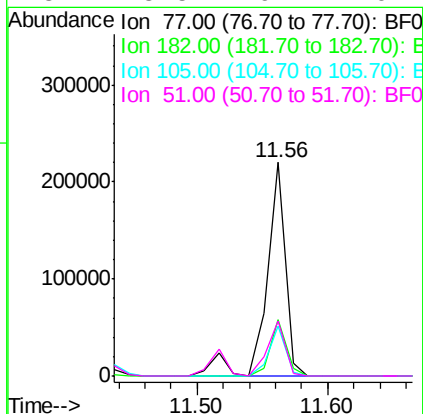
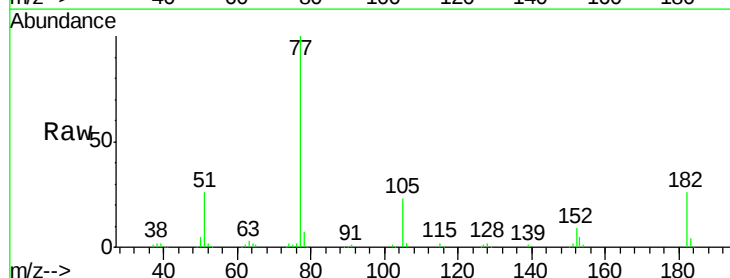
Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion:138 Resp: 47941
Ion Ratio Lower Upper
138 100
92 40.0 27.3 67.3
108 57.8 47.2 87.2



#62
Azobenzene
Concen: 51.23 ng
RT: 11.56 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion: 77 Resp: 226429
Ion Ratio Lower Upper
77 100
182 26.4 0.0 36.8
105 23.2 0.3 40.3
51 25.5 9.1 49.1

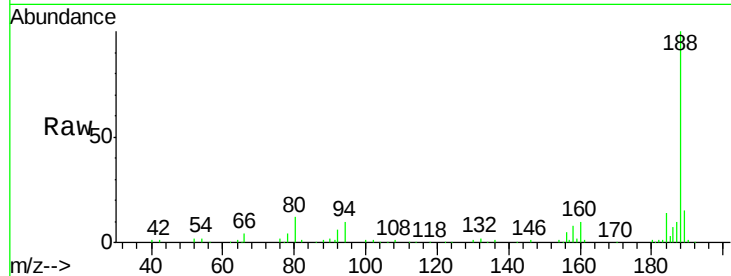




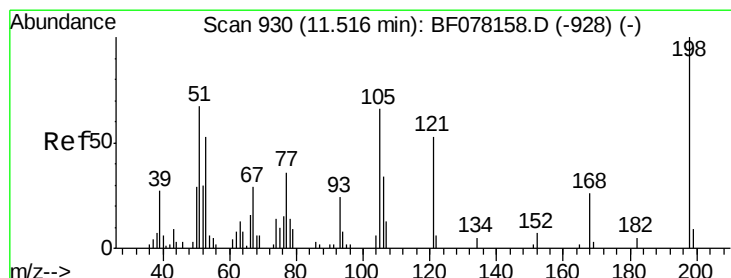
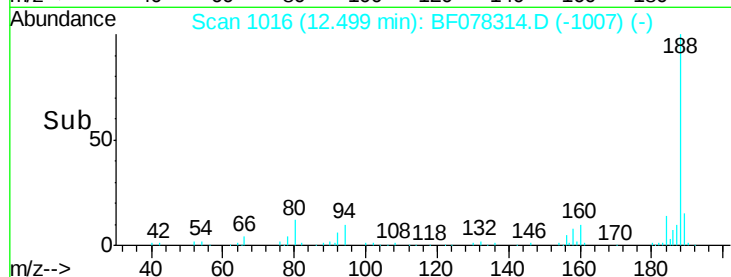
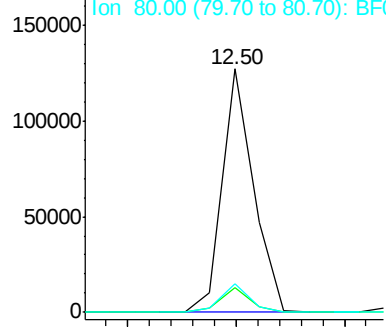
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:188 Resp: 126973
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.0 13.4
 80 11.5 9.5 14.3

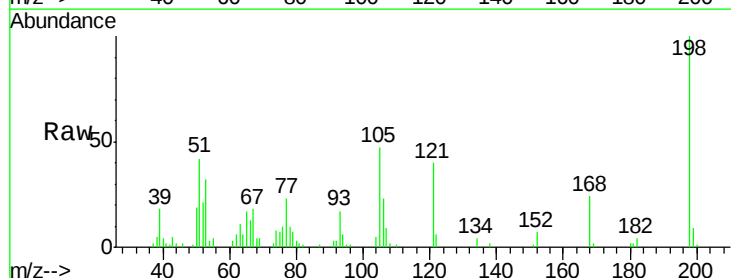


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

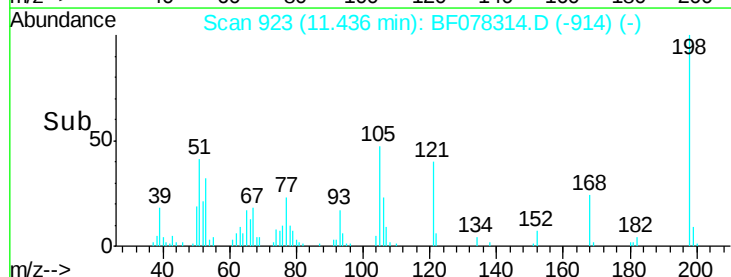
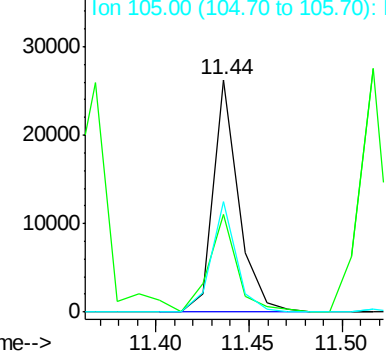


#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.14 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:198 Resp: 24993
 Ion Ratio Lower Upper
 198 100
 51 42.0 48.6 88.6#
 105 47.4 45.8 85.8



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

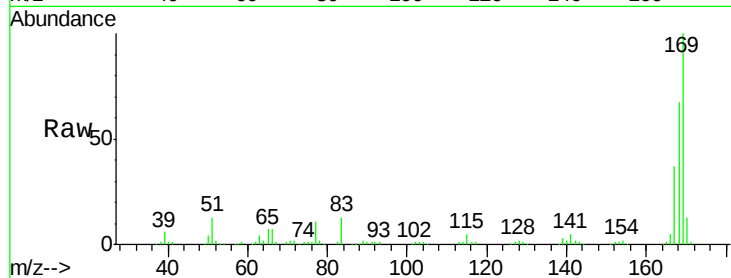




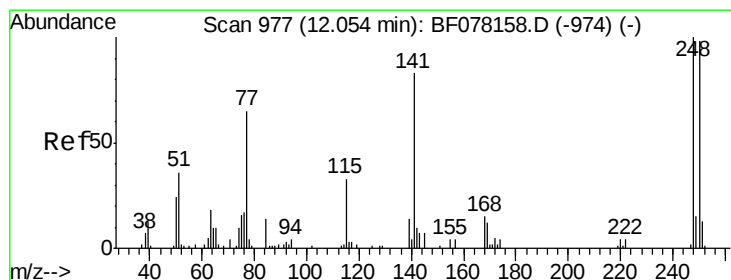
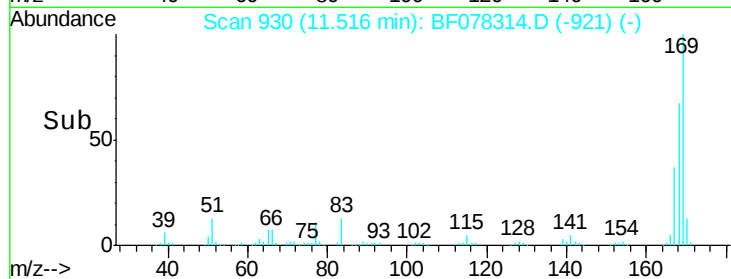
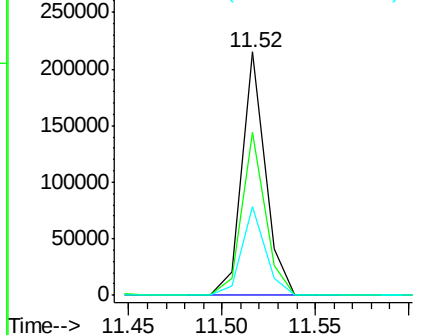
#65
 n-Nitrosodiphenylamine
 Concen: 43.25 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:169 Resp: 189972
 Ion Ratio Lower Upper
 169 100
 168 66.9 55.0 82.4
 167 36.7 29.3 43.9

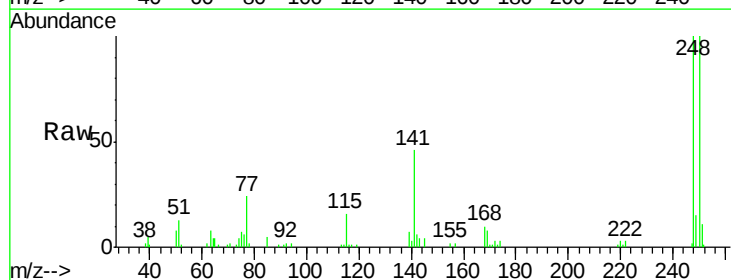


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

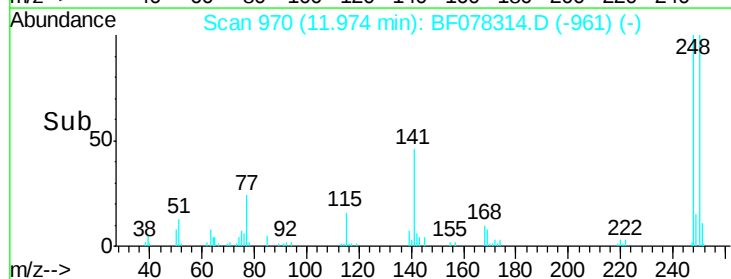
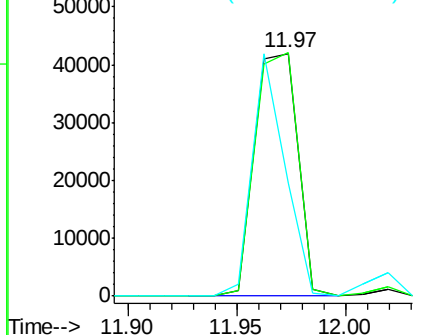


#66
 4-Bromophenyl-phenylether
 Concen: 43.51 ng
 RT: 11.97 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:248 Resp: 58506
 Ion Ratio Lower Upper
 248 100
 250 100.2 78.2 117.2
 141 46.5 66.4 99.6#



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

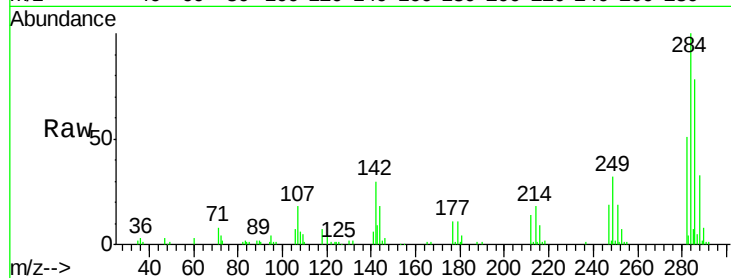




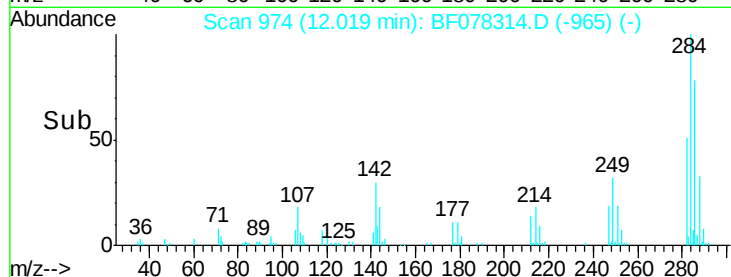
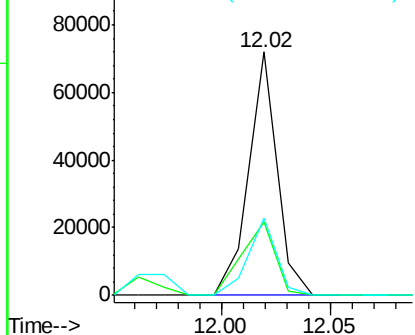
#67
Hexachlorobenzene
Concen: 44.38 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion:284 Resp: 65401
Ion Ratio Lower Upper
284 100
142 29.9 24.5 36.7
249 32.0 24.8 37.2

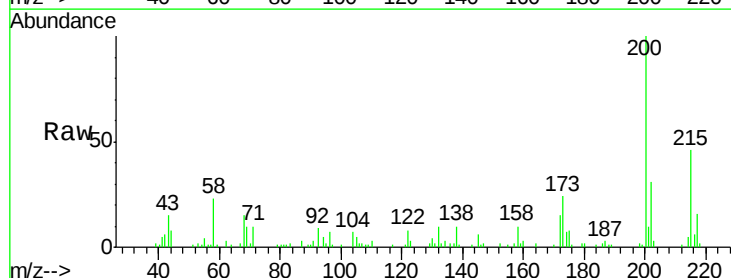


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

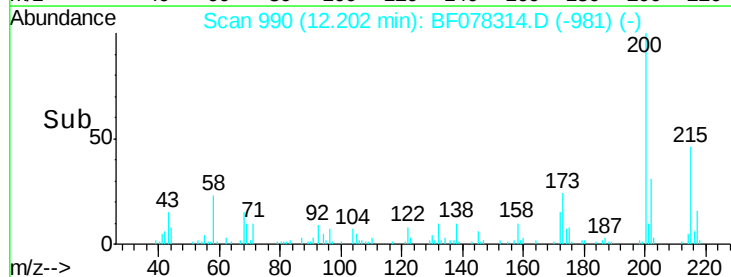
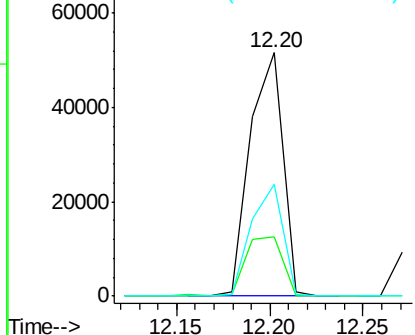


#68
Atrazine
Concen: 49.30 ng
RT: 12.20 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:200 Resp: 62715
Ion Ratio Lower Upper
200 100
173 24.4 6.9 46.9
215 46.1 27.1 67.1



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

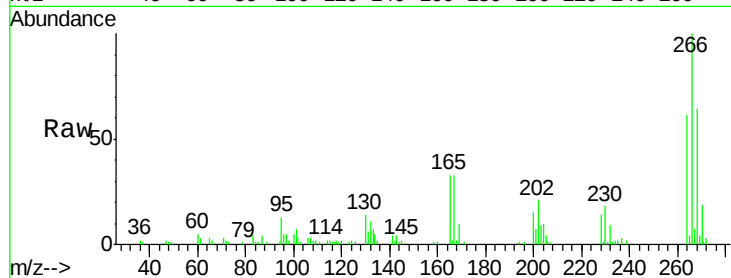




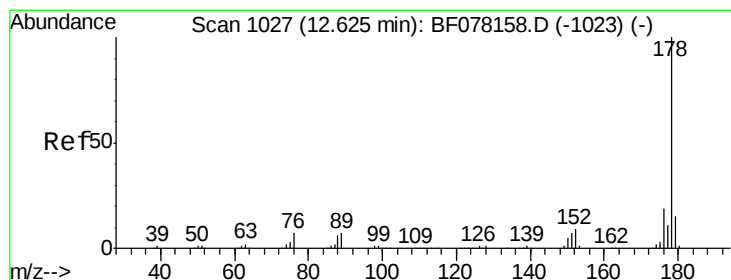
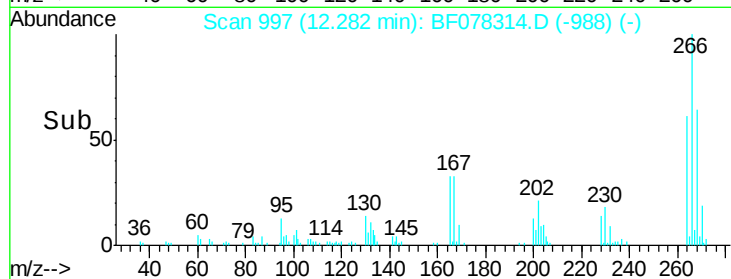
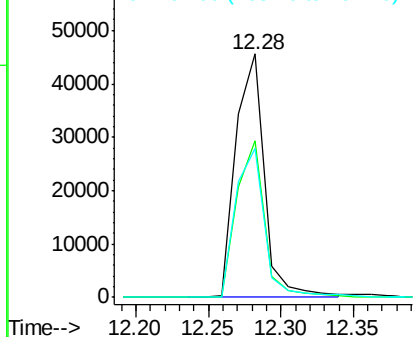
#69
 Pentachlorophenol
 Concen: 93.94 ng
 RT: 12.28 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

Tot Ion:266 Resp: 62361
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.1 75.1
 264 61.3 50.0 75.0

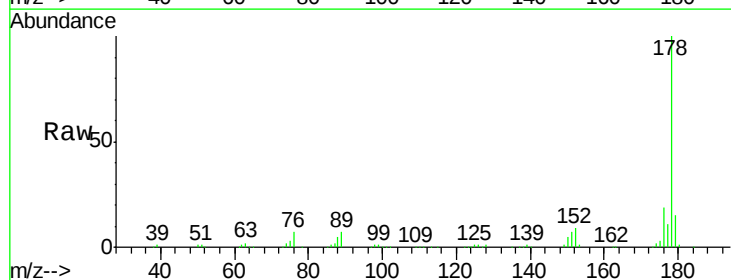


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

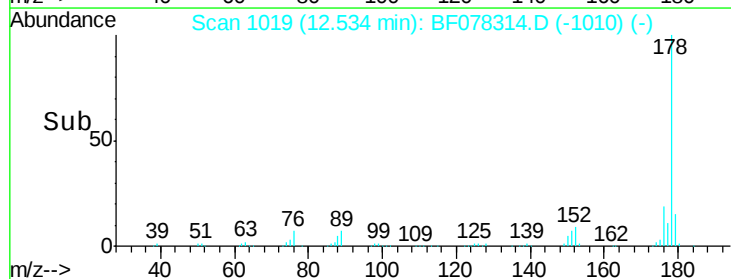
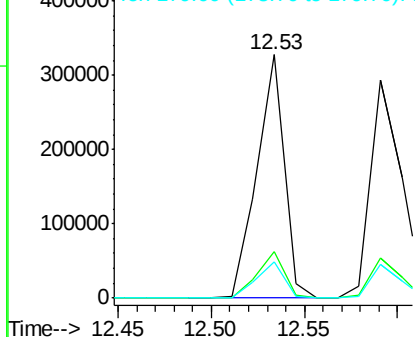


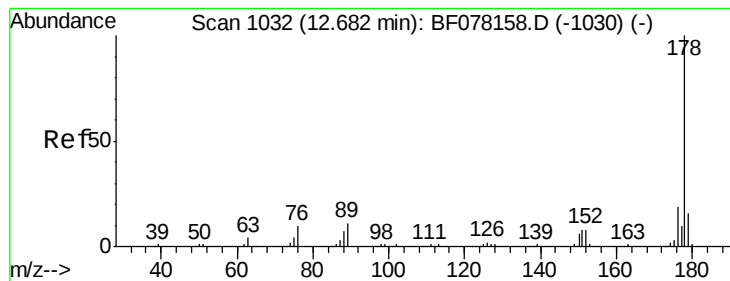
#70
 Phenanthrene
 Concen: 45.08 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:178 Resp: 331077
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.1 12.2 18.2



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





#71

Anthracene

Concen: 45.15 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

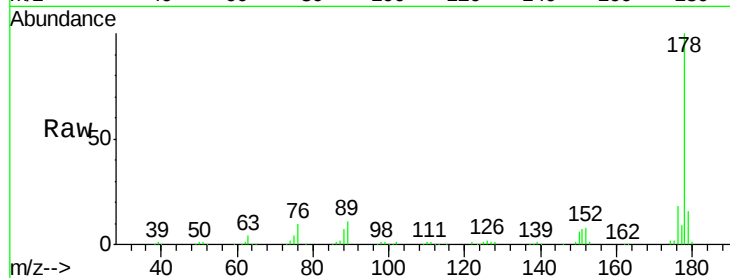
Tot Ion:178 Resp: 326770

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

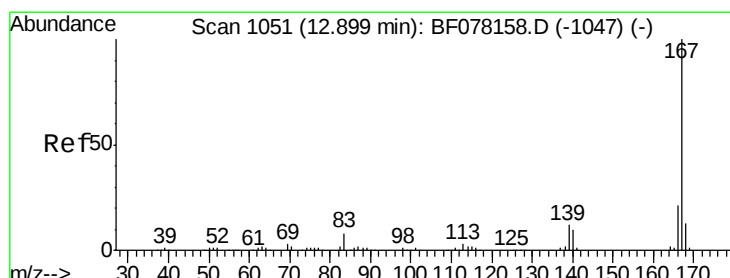
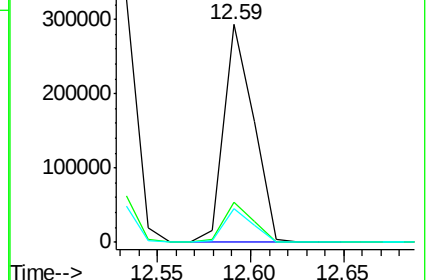
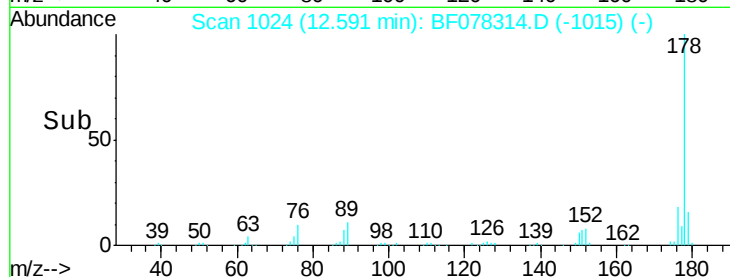
179 15.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.54 ng

RT: 12.81 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

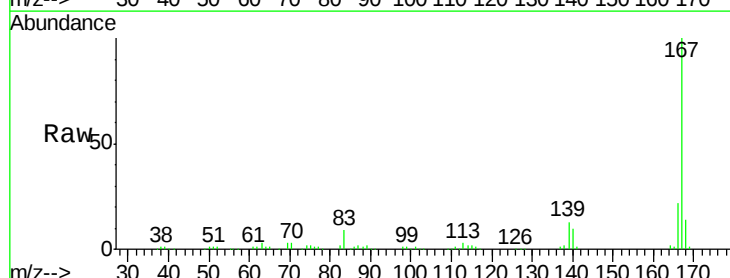
Tgt Ion:167 Resp: 315682

Ion Ratio Lower Upper

167 100

166 21.8 16.8 25.2

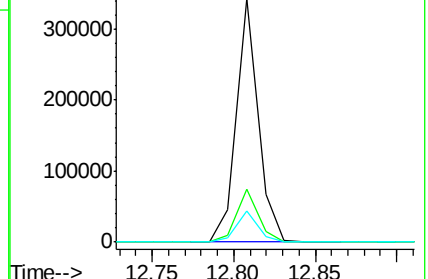
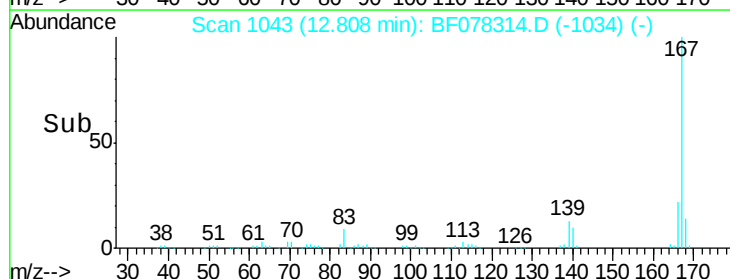
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.07 ng

RT: 13.28 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

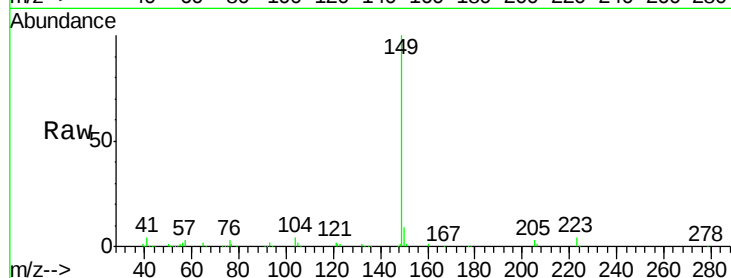
Tot Ion:149 Resp: 353978

Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

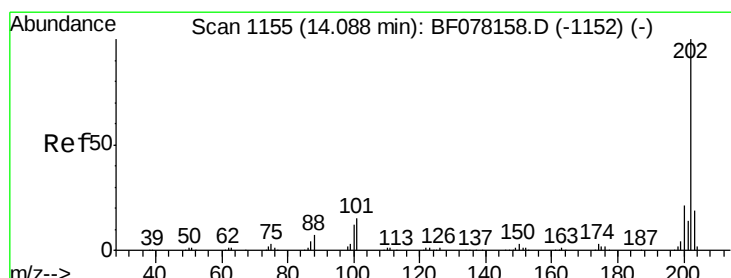
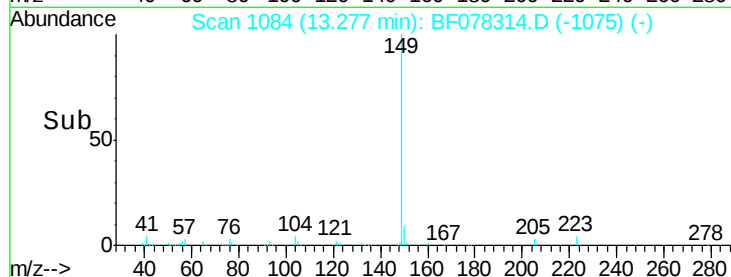
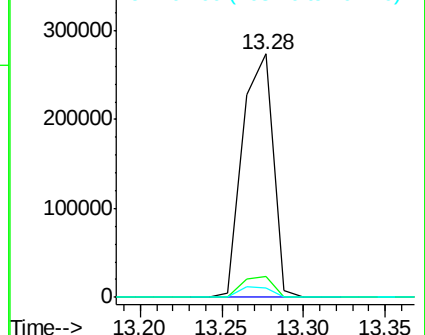
104 3.9 3.8 5.6



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: 46.49 ng

RT: 14.00 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

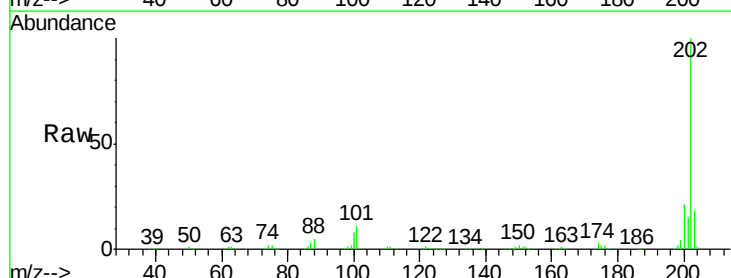
Tgt Ion:202 Resp: 360131

Ion Ratio Lower Upper

202 100

101 11.0 0.0 35.2

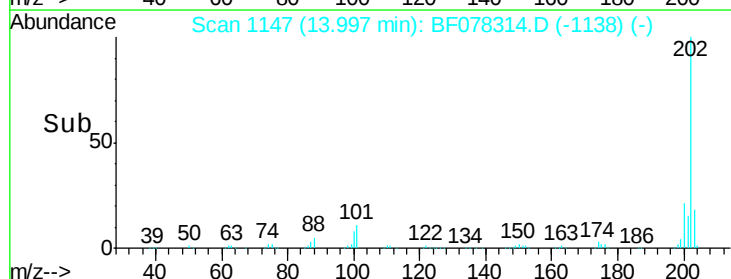
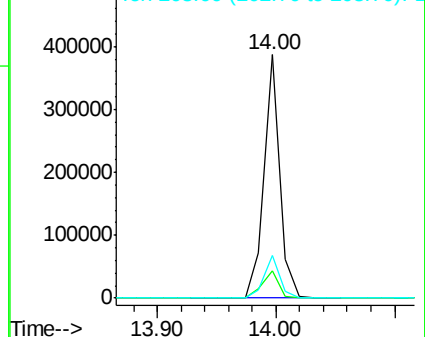
203 17.7 0.0 38.5

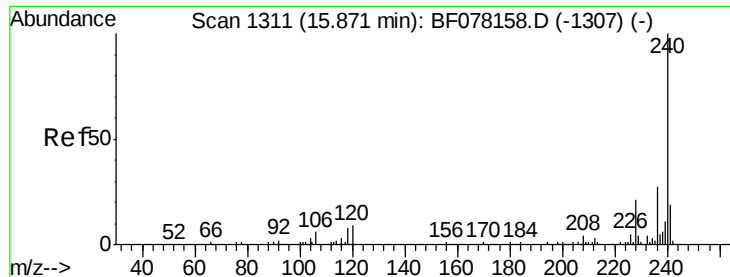


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.77 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

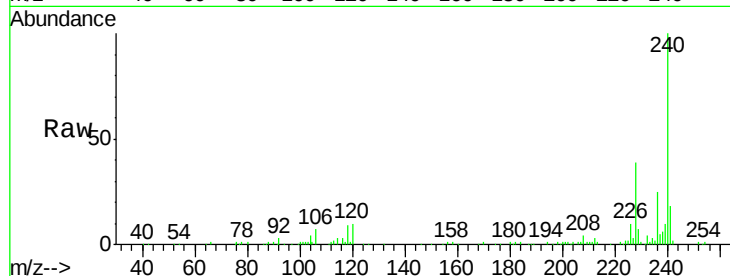
Tot Ion:240 Resp: 139116

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

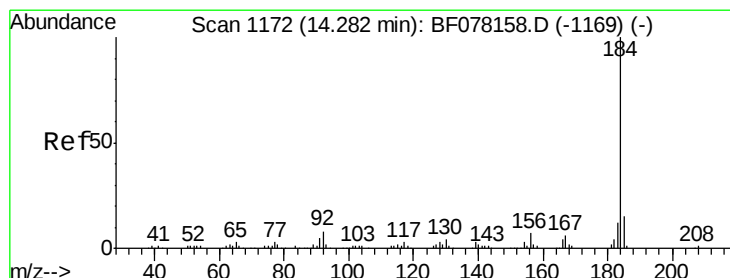
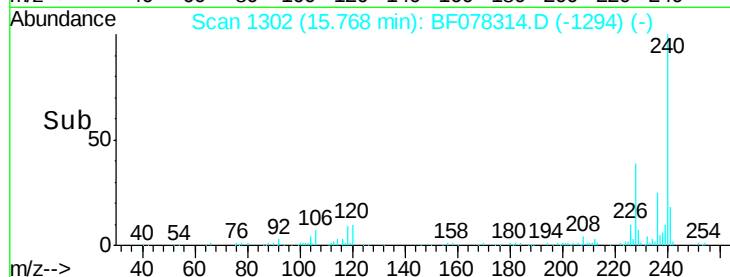
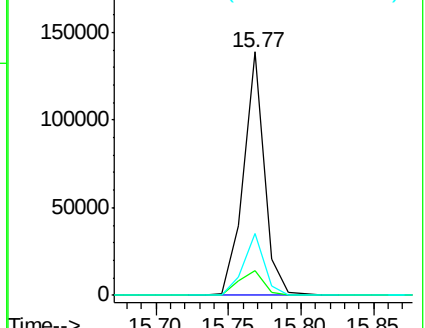
236 25.4 21.4 32.2



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: 20.90 ng

RT: 14.19 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

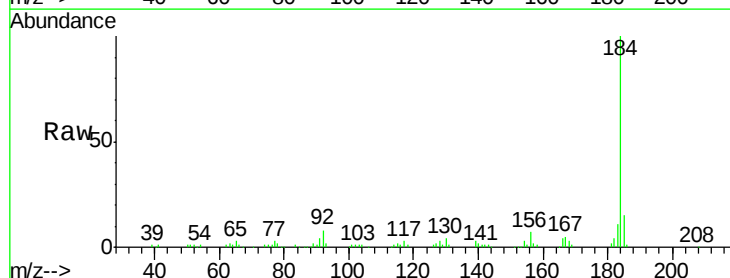
Tgt Ion:184 Resp: 111950

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

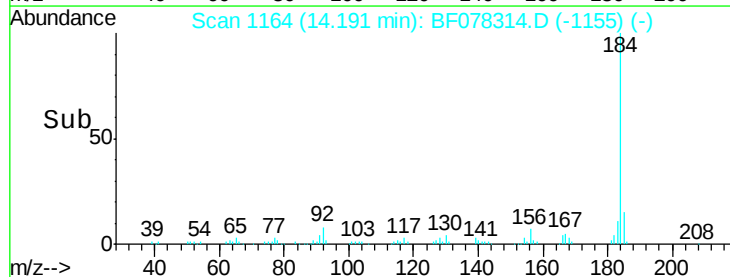
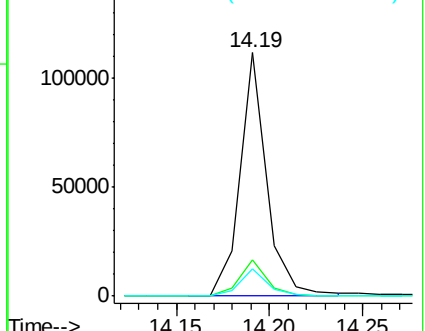
183 11.0 9.5 14.3

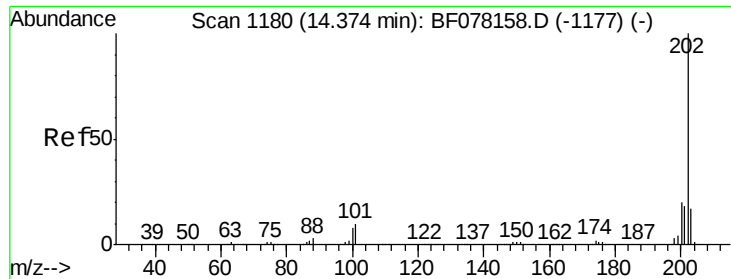


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

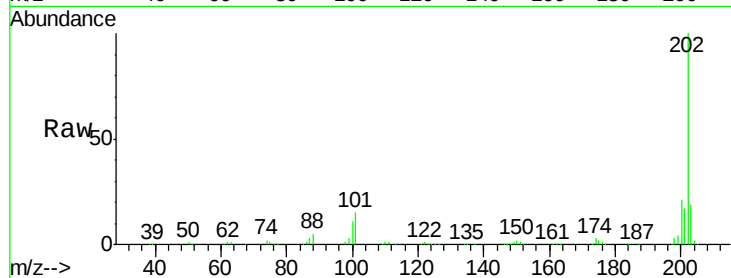




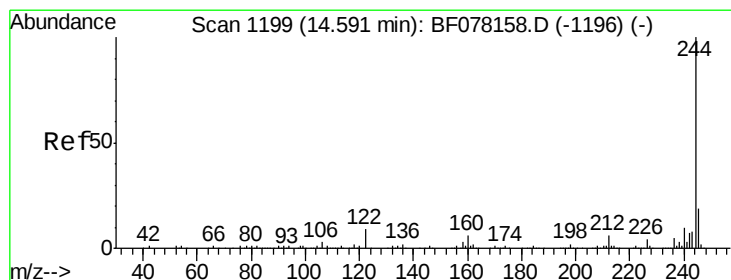
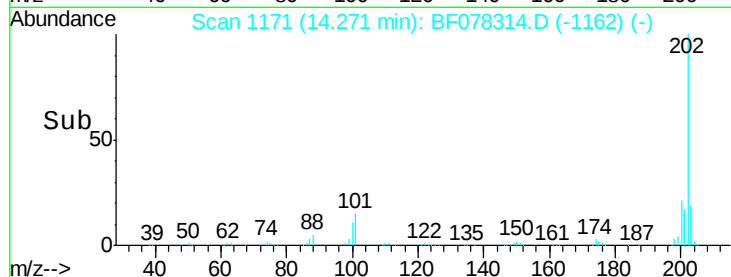
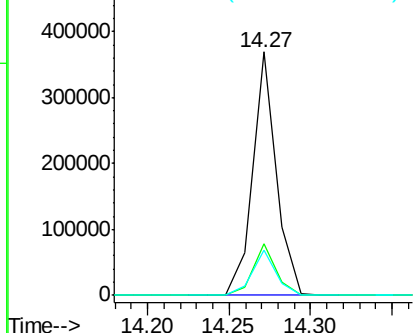
#77
Pvrene
Concen: 42.55 ng
RT: 14.27 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB82571BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	18.5	13.8	20.6

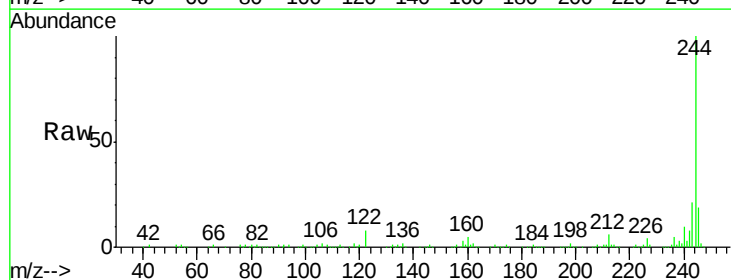


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

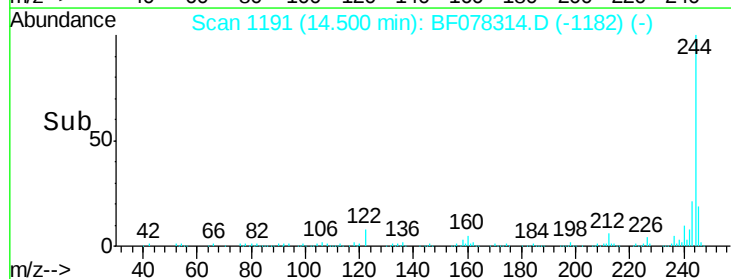
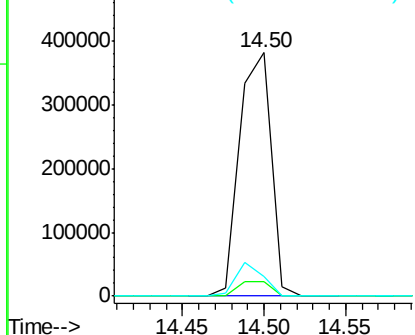


#78
Terphenyl-d14
Concen: 83.17 ng
RT: 14.50 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	8.0	7.1	10.7



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

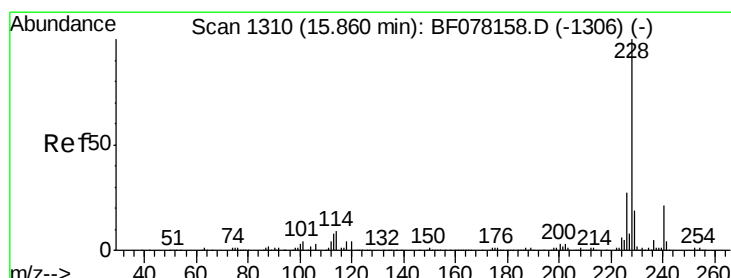
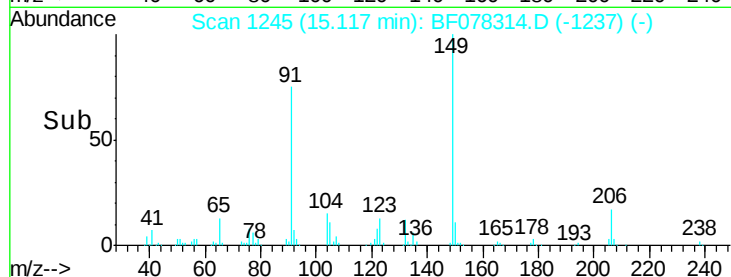
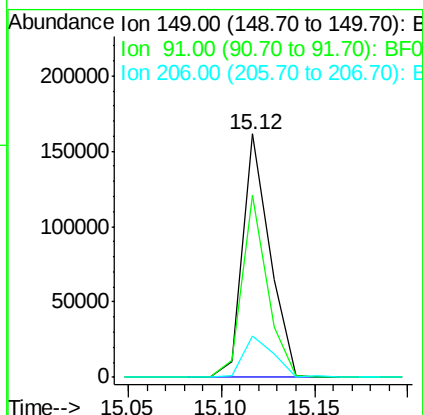
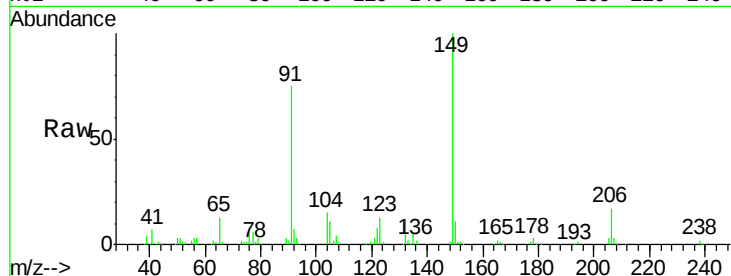




#79
Butylbenzylphthalate
Concen: 49.12 ng
RT: 15.12 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

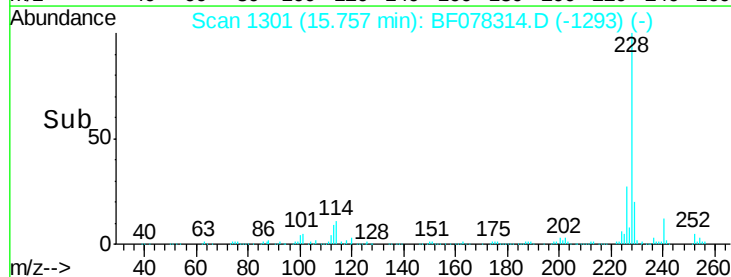
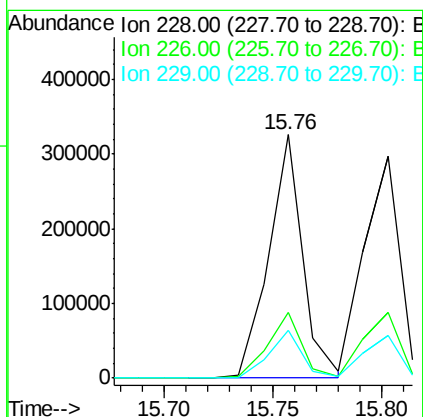
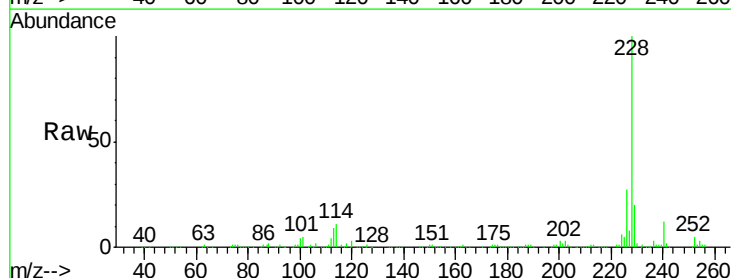
Instrument :
BNA_F
ClientSampleId :
PB82571BS

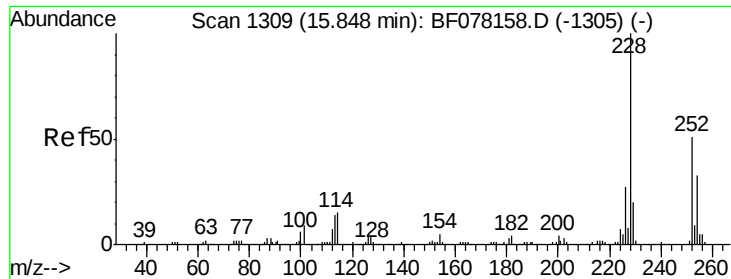
Tot Ion:149 Resp: 163504
Ion Ratio Lower Upper
149 100
91 74.6 64.2 96.2
206 16.9 12.6 18.8



#80
Benzo(a)anthracene
Concen: 42.96 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:228 Resp: 355568
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.5 15.4 23.2

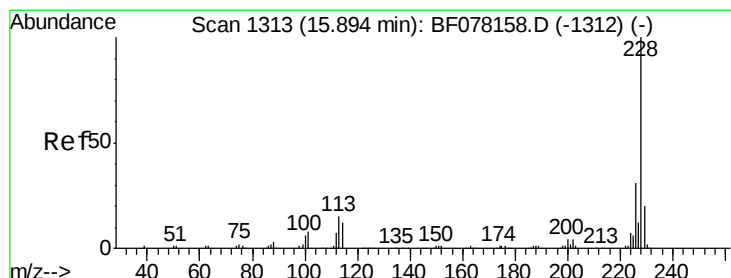
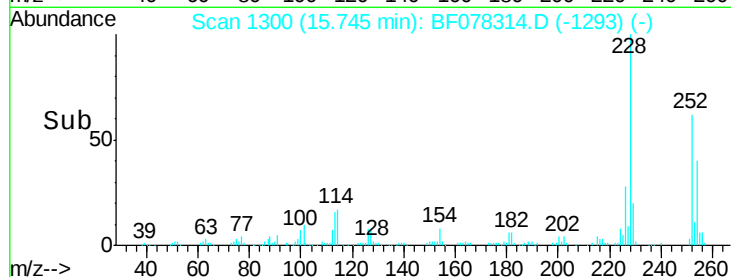
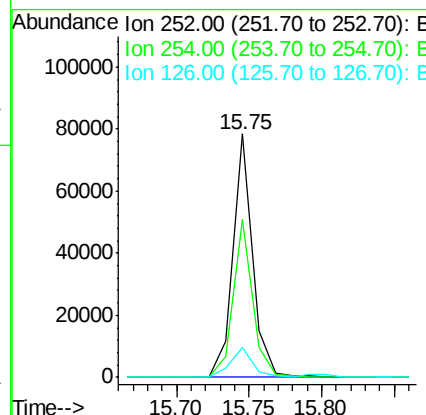
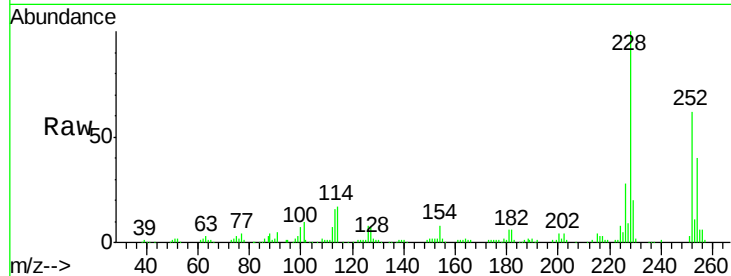




#81
 3,3'-Dichlorobenzidine
 Concen: 26.71 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

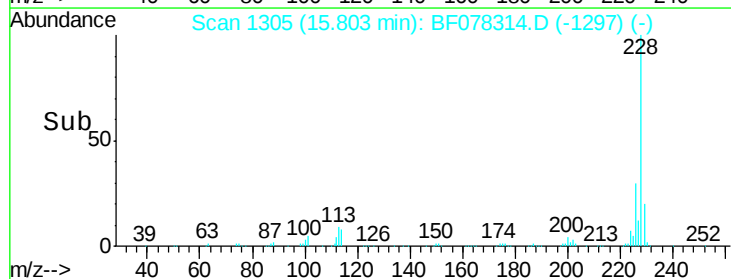
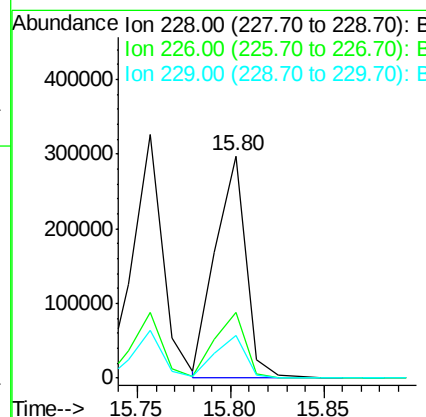
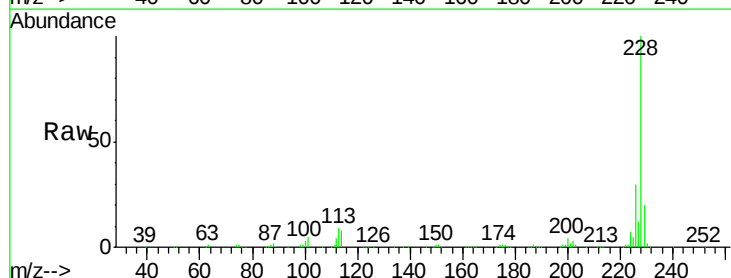
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

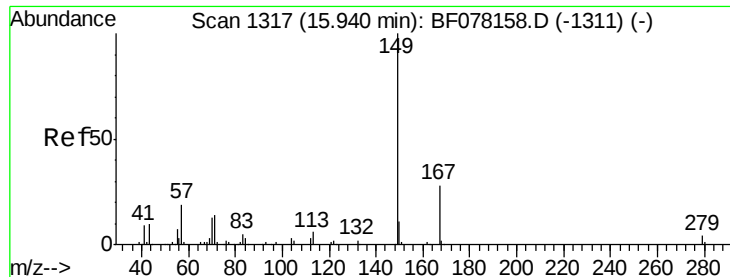
Tot Ion:252 Resp: 74032
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.2 76.8
 126 12.1 6.3 9.5#



#82
 Chrysene
 Concen: 43.32 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:228 Resp: 336908
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.4
 229 19.5 15.8 23.8

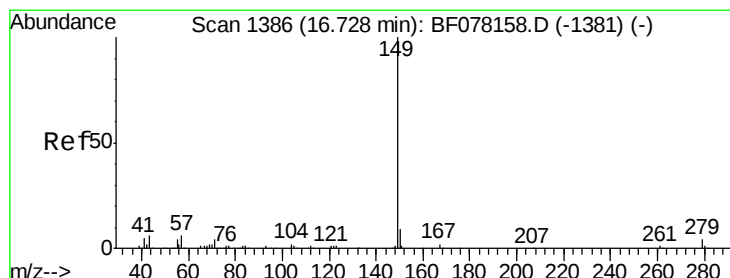
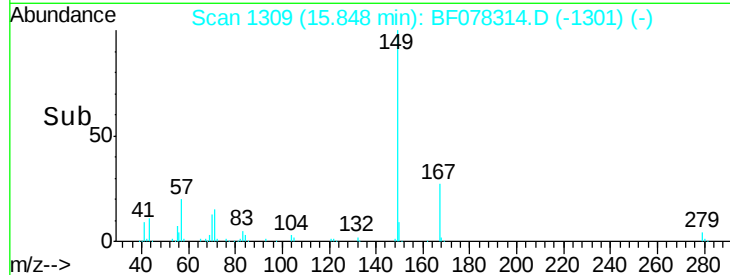
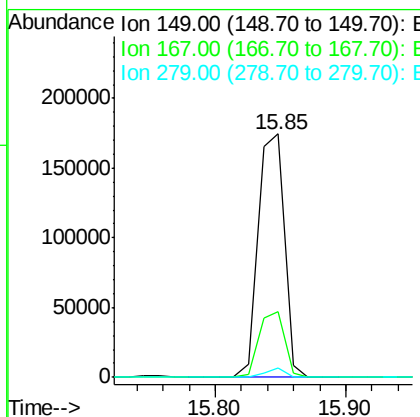
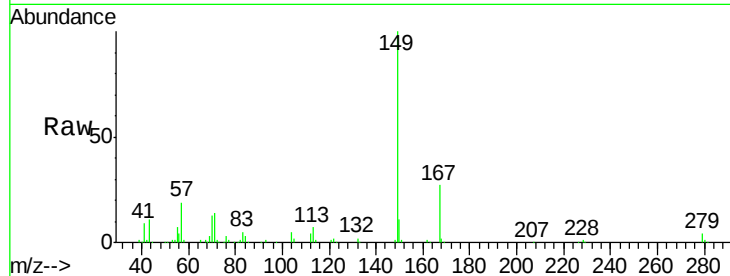




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.30 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

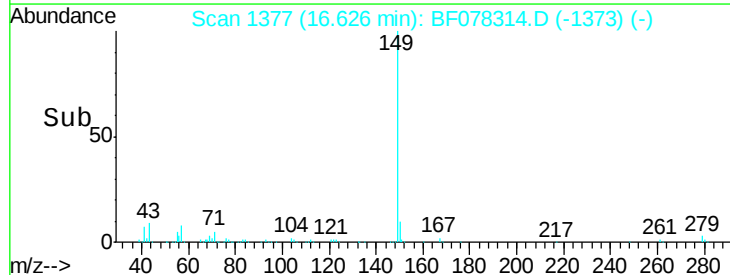
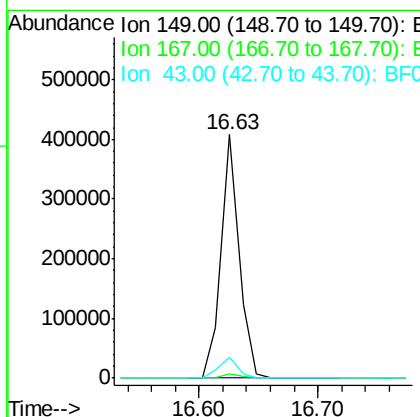
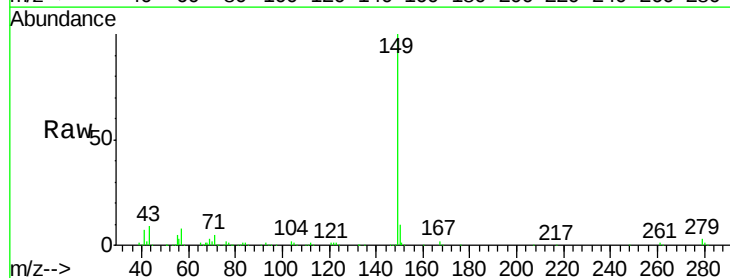
Instrument :
 BNA_F
 ClientSampleId :
 PB82571BS

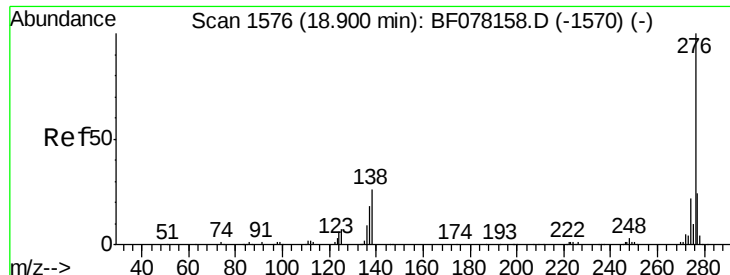
Tot Ion:149 Resp: 246914
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.2 33.2
 279 4.1 3.2 4.8



#84
 Di-n-octyl phthalate
 Concen: 50.24 ng
 RT: 16.63 min Scan# 1377
 Delta R.T. -0.06 min
 Lab File: BF078314.D
 Acq: 7 Apr 2015 22:53

Tgt Ion:149 Resp: 430688
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.3 0.0 0.0#

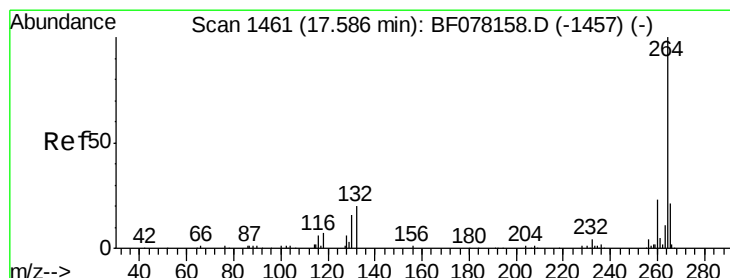
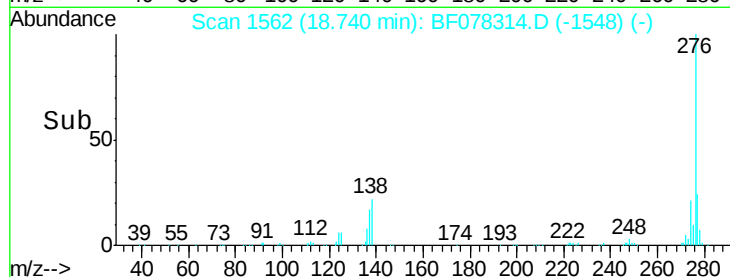
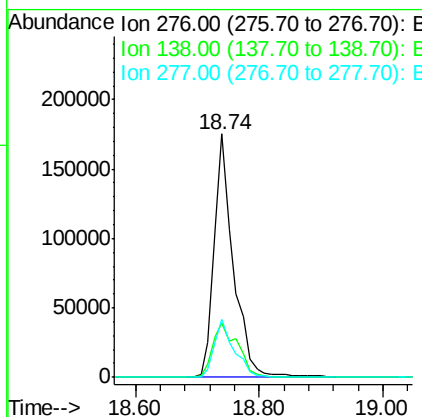
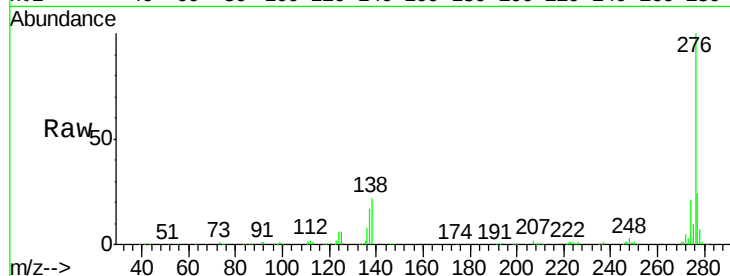




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.29 ng/ml
RT: 18.74 min Scan# 1562
Delta R.T. -0.14 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

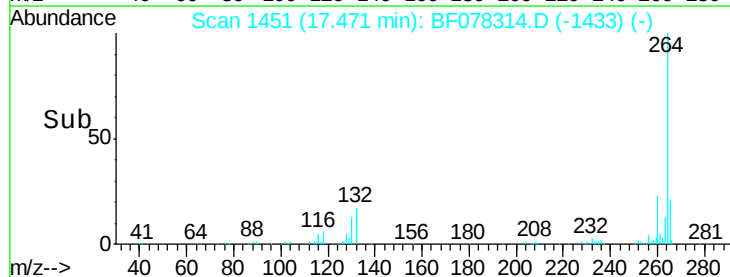
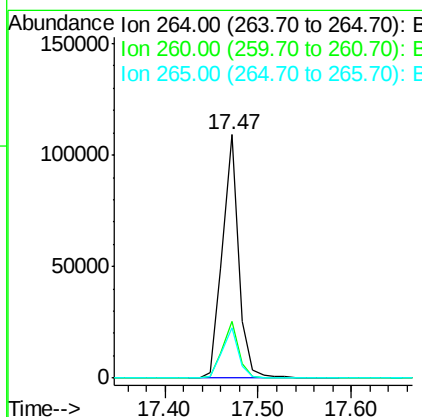
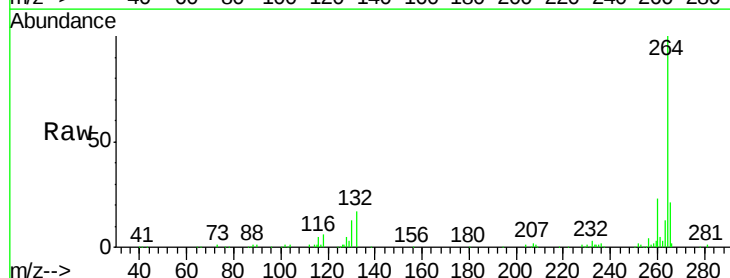
Instrument :
BNA_F
ClientSampleId :
PB82571BS

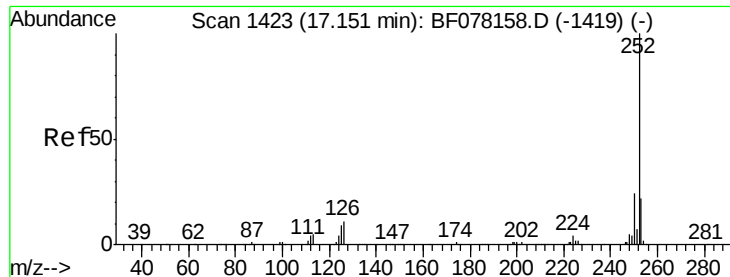
Tot Ion:276 Resp: 381999
Ion Ratio Lower Upper
276 100
138 19.4 16.9 25.3
277 18.1 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.09 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:264 Resp: 132624
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 20.7 17.0 25.6

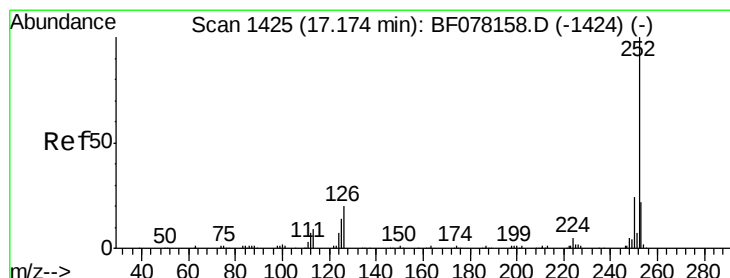
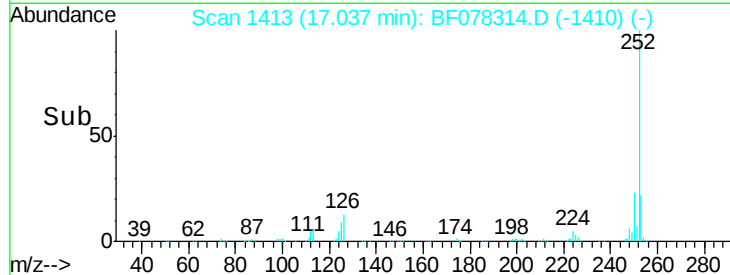
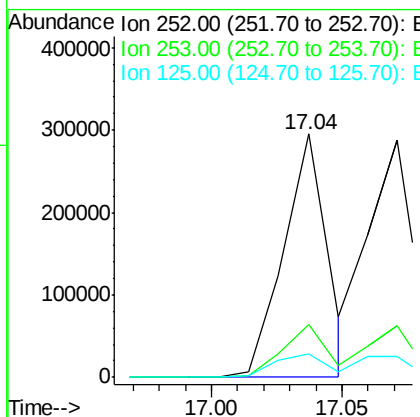
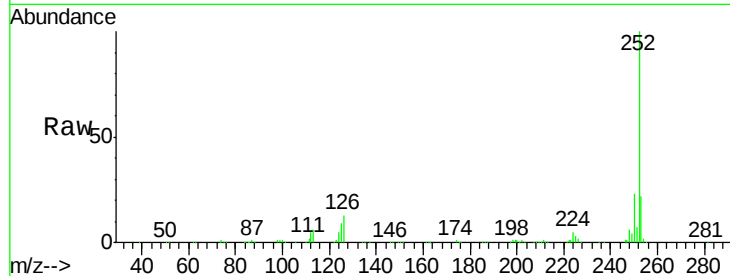




#87
Benzo(b)fluoranthene
Concen: 41.72 ng
RT: 17.04 min Scan# 1413
Delta R.T. -0.07 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

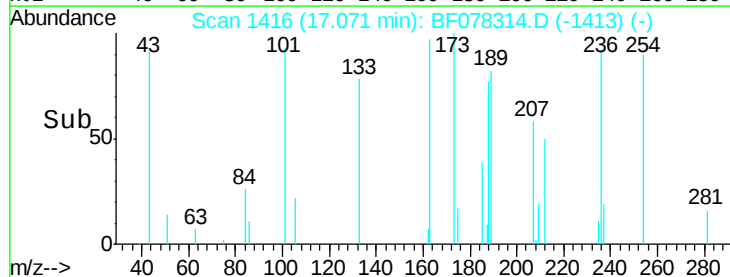
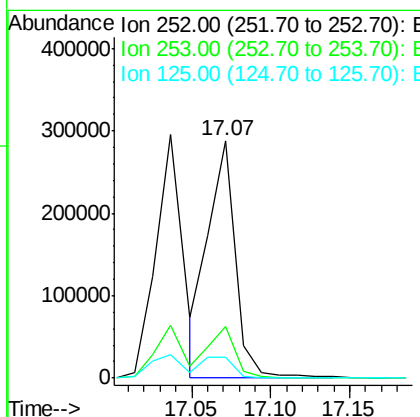
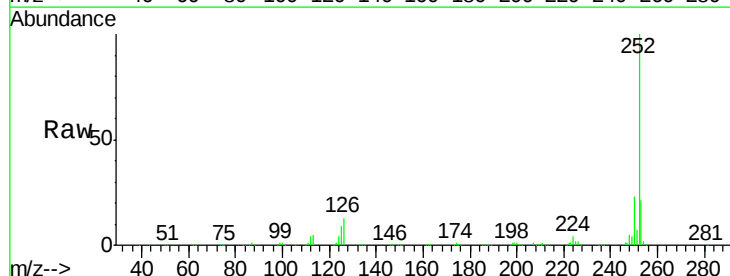
Instrument :
BNA_F
ClientSampleId :
PB82571BS

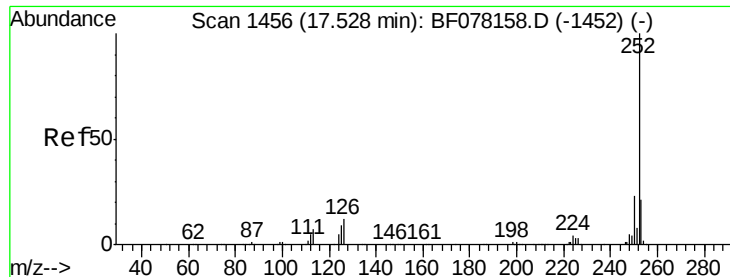
Tot Ion:252 Resp: 341979
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.5 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 48.83 ng m
RT: 17.07 min Scan# 1416
Delta R.T. -0.07 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:252 Resp: 355650
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.6 11.6 17.4#

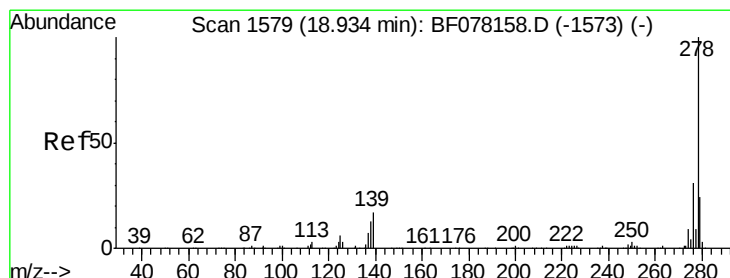
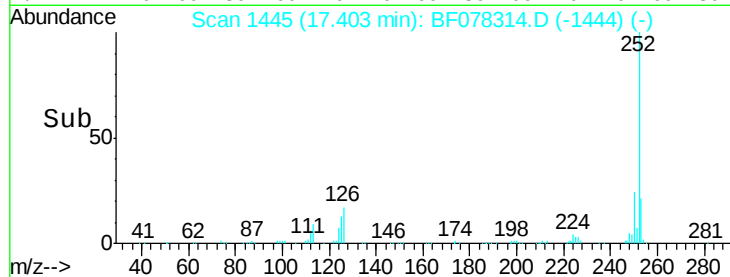
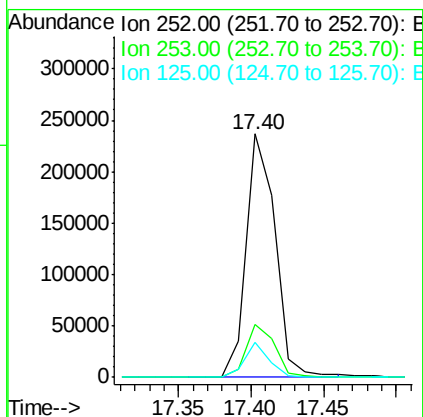
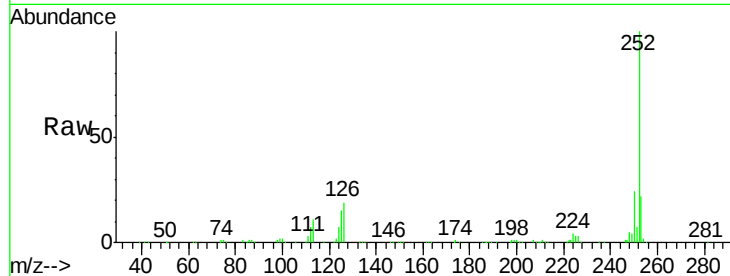




#89
Benzo(a)pyrene
Concen: 45.93 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.09 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

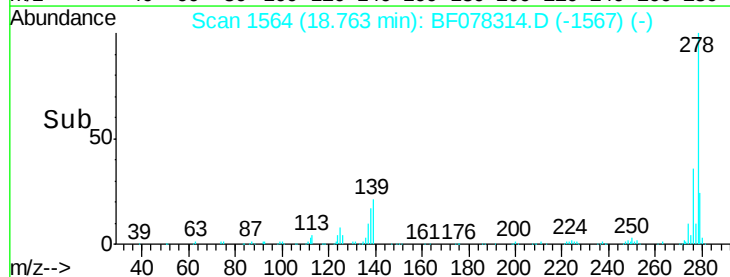
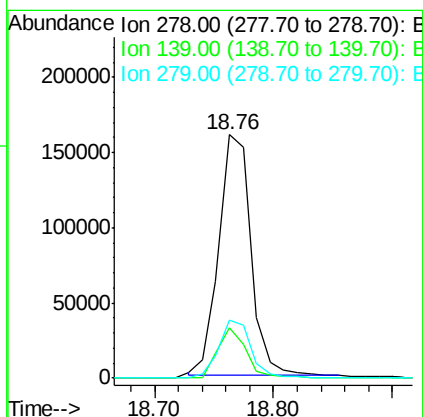
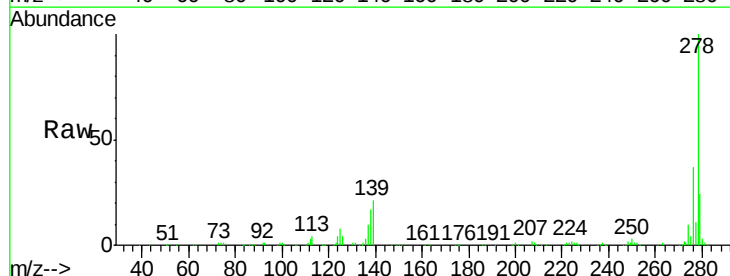
Instrument :
BNA_F
ClientSampleId :
PB82571BS

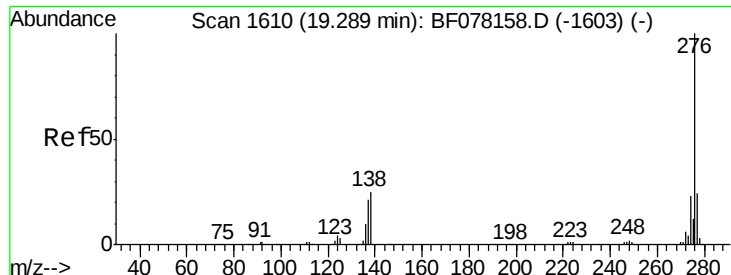
Tot Ion:252 Resp: 328575
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 14.5 7.4 11.0#



#90
Dibenzo(a,h)anthracene
Concen: 42.23 ng
RT: 18.76 min Scan# 1564
Delta R.T. -0.14 min
Lab File: BF078314.D
Acq: 7 Apr 2015 22:53

Tgt Ion:278 Resp: 302421
Ion Ratio Lower Upper
278 100
139 20.8 13.6 20.4#
279 23.8 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 42.93 ng

RT: 19.11 min Scan# 1594

Delta R.T. -0.14 min

Lab File: BF078314.D

Acq: 7 Apr 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB82571BS

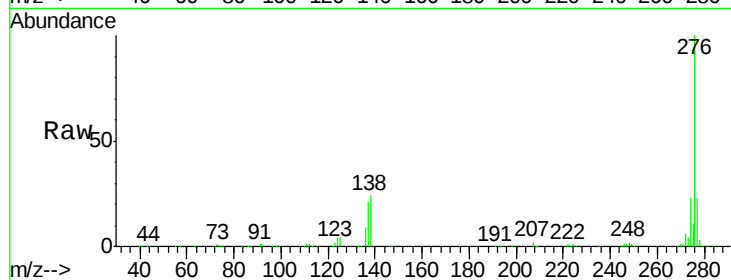
Tot Ion: 276 Resp: 308278

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 23.6 19.9 29.9



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

