

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078898.D
 Acq On : 1 May 2015 17:51
 Operator : TP/IZ
 Sample : PB83016BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Quant Time: May 01 23:09:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	73126	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	302398	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	142474	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	277636	20.00	ng	0.00
75) Chrysene-d12	16.26	240	285744	20.00	ng	-0.02
86) Perylene-d12	18.01	264	285129	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	570910	134.39	ng	0.00
7) Phenol-d6	6.90	99	727482	129.55	ng	0.00
23) Nitrobenzene-d5	8.04	82	398408	75.72	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	221299	143.58	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	890083	87.04	ng	0.00
78) Terphenyl-d14	14.96	244	1031102	86.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	67518	36.55	ng	# 24
3) Pyridine	3.11	79	193943	35.88	ng	98
4) n-Nitrosodimethylamine	3.03	42	86743	37.45	ng	91
6) Aniline	6.95	93	201620	25.44	ng	98
8) 2-Chlorophenol	7.08	128	206758	42.91	ng	99
9) Benzaldehyde	6.81	77	57497	15.20	ng	97
10) Phenol	6.92	94	282574	43.38	ng	95
11) bis(2-Chloroethyl)ether	7.04	93	189663	39.72	ng	96
12) 1,3-Dichlorobenzene	7.28	146	215670	39.82	ng	98
13) 1,4-Dichlorobenzene	7.38	146	224012	40.19	ng	99
14) 1,2-Dichlorobenzene	7.56	146	216806	41.79	ng	98
15) Benzyl Alcohol	7.53	79	172807	41.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.71	45	299509	40.99	ng	99
17) 2-Methylphenol	7.68	107	168236	43.39	ng	96
18) Hexachloroethane	7.99	117	77953	40.61	ng	95
19) n-Nitroso-di-n-propylamine	7.87	70	156151	41.17	ng	# 83
20) 3+4-Methylphenols	7.86	107	222337	43.03	ng	94
22) Acetophenone	7.86	105	299703	43.87	ng	# 97
24) Nitrobenzene	8.07	77	212548	40.75	ng	99
25) Isophorone	8.36	82	390119	39.99	ng	98
26) 2-Nitrophenol	8.47	139	92422	42.81	ng	96
27) 2,4-Dimethylphenol	8.52	122	188569	43.65	ng	94
28) bis(2-Chloroethoxy)methane	8.65	93	257145	42.76	ng	98
29) 2,4-Dichlorophenol	8.75	162	171623	44.68	ng	96
30) 1,2,4-Trichlorobenzene	8.87	180	174093	41.26	ng	98
31) Naphthalene	8.96	128	594670	41.27	ng	99
32) Benzoic acid	8.62	122	111526	42.11	ng	97
33) 4-Chloroaniline	9.03	127	139392	22.86	ng	99
34) Hexachlorobutadiene	9.12	225	95951	39.49	ng	97
35) Caprolactam	9.45	113	54162	43.61	ng	87
36) 4-Chloro-3-methylphenol	9.63	107	193815	48.04	ng	91
37) 2-Methylnaphthalene	9.82	142	419976	42.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	163886	40.84	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	196868	97.57	ng	99

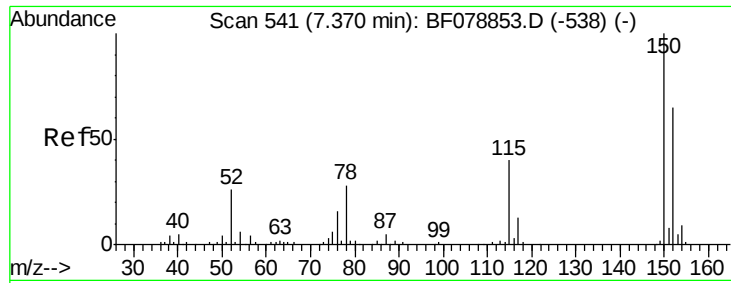
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078898.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	124753	45.22	ng	96
43) 2,4,5-Trichlorophenol	10.22	196	125073	44.85	ng	# 87
45) 1,1'-Biphenyl	10.40	154	494493	43.66	ng	100
46) 2-Chloronaphthalene	10.42	162	377193	42.69	ng	99
47) 2-Nitroaniline	10.55	65	111645	43.61	ng	99
48) Acenaphthylene	10.94	152	632819	43.62	ng	100
49) Dimethylphthalate	10.79	163	462171	44.20	ng	99
50) 2,6-Dinitrotoluene	10.86	165	89552	43.40	ng	97
51) Acenaphthene	11.15	154	373308	43.15	ng	98
52) 3-Nitroaniline	11.06	138	82804	32.12	ng	# 99
53) 2,4-Dinitrophenol	11.19	184	74268	82.73	ng	# 74
54) Dibenzofuran	11.37	168	565401	45.25	ng	97
55) 4-Nitrophenol	11.27	139	196185	96.16	ng	95
56) 2,4-Dinitrotoluene	11.36	165	132937	48.73	ng	# 63
57) Fluorene	11.79	166	460514	44.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	105846	46.44	ng	# 100
59) Diethylphthalate	11.67	149	469704	45.34	ng	99
60) 4-Chlorophenyl-phenylether	11.80	204	200124	43.99	ng	96
61) 4-Nitroaniline	11.82	138	112209	43.51	ng	94
62) Azobenzene	12.00	77	483110	47.33	ng	97
64) 4,6-Dinitro-2-methylphenol	11.85	198	51097	45.21	ng	85
65) n-Nitrosodiphenylamine	11.94	169	385628	41.71	ng	98
66) 4-Bromophenyl-phenylether	12.41	248	129919	44.89	ng	96
67) Hexachlorobenzene	12.47	284	143059	43.25	ng	94
68) Atrazine	12.62	200	120603	44.86	ng	100
69) Pentachlorophenol	12.72	266	164535	84.59	ng	97
70) Phenanthrene	12.98	178	662600	42.66	ng	100
71) Anthracene	13.05	178	657021	43.12	ng	99
72) Carbazole	13.26	167	667849	45.98	ng	99
73) Di-n-butylphthalate	13.70	149	770926	44.26	ng	99
74) Fluoranthene	14.47	202	712680	44.03	ng	96
76) Benzidine	14.64	184	255199	33.14	ng	99
77) Pyrene	14.75	202	744050	45.19	ng	99
79) Butylbenzylphthalate	15.58	149	339595	47.18	ng	# 82
80) Benzo(a)anthracene	16.24	228	684317	43.73	ng	99
81) 3,3'-Dichlorobenzidine	16.22	252	187108	33.57	ng	# 97
82) Chrysene	16.29	228	649964	43.19	ng	100
83) Bis(2-ethylhexyl)phthalate	16.30	149	505903	46.40	ng	98
84) Di-n-octyl phthalate	17.10	149	865841	45.09	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.51	276	824913	43.02	ng	# 100
87) Benzo(b)fluoranthene	17.55	252	814073	52.16	ng	99
88) Benzo(k)fluoranthene	17.55	252	814231	53.89	ng	98
89) Benzo(a)pyrene	17.94	252	676510	47.08	ng	98
90) Dibenzo(a,h)anthracene	19.54	278	676031	44.26	ng	99
91) Benzo(g,h,i)perylene	19.95	276	678609	44.33	ng	96

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

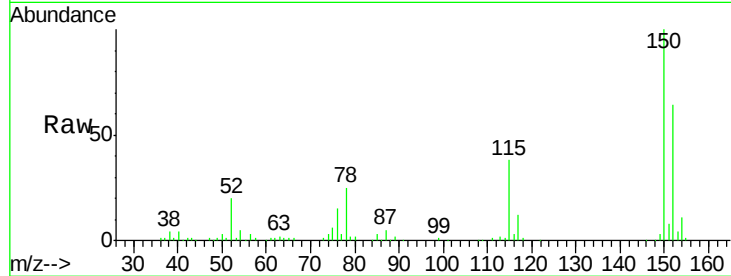


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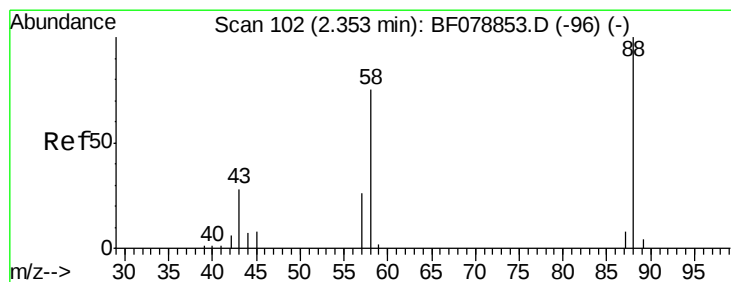
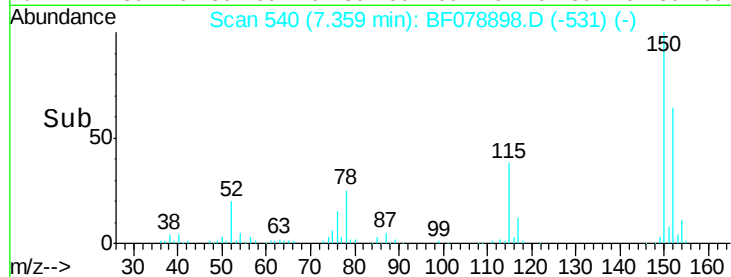
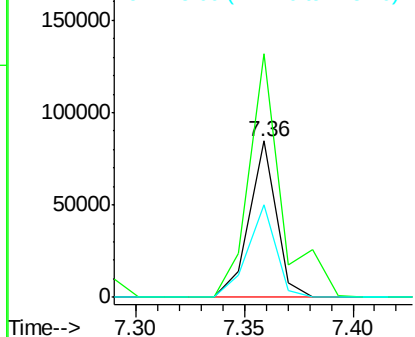
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion:152 Resp: 73126
Ion Ratio Lower Upper
152 100
150 155.8 122.0 183.0
115 59.2 46.3 69.5



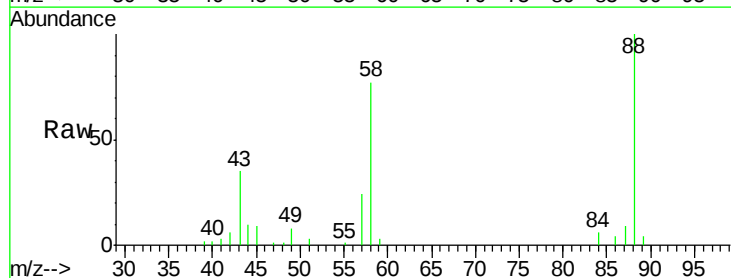
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



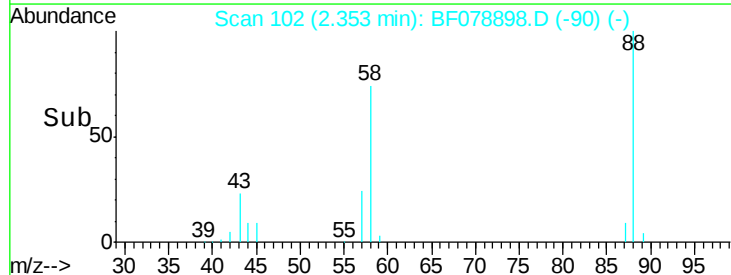
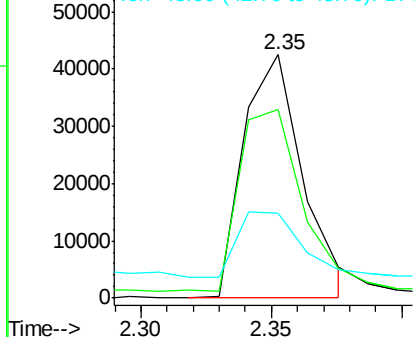
#2

1,4-Dioxane
Concen: 36.55 ng
RT: 2.35 min Scan# 102
Delta R.T. 0.03 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion: 88 Resp: 67518
Ion Ratio Lower Upper
88 100
58 79.0 0.0 0.0#
43 29.3 3.3 4.9#



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





#3

Pyridine

Concen: 35.88 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

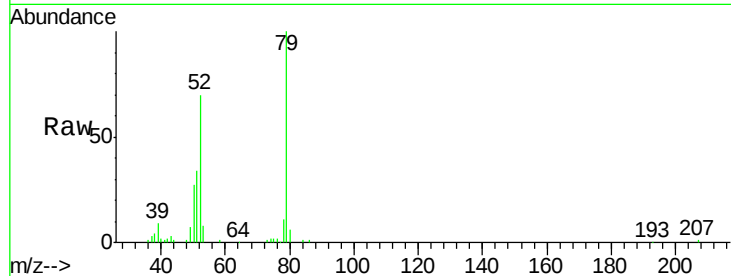
Tgt Ion: 79 Resp: 193943

Ion Ratio Lower Upper

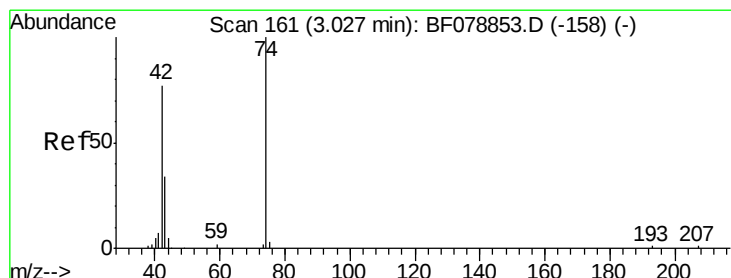
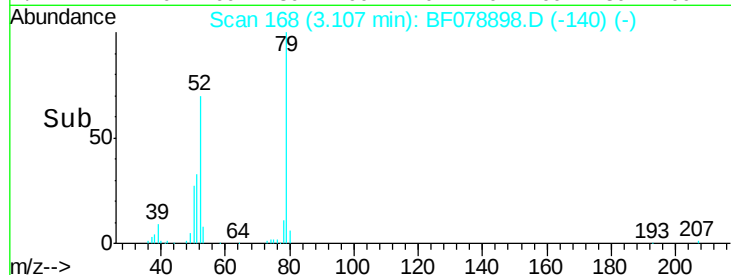
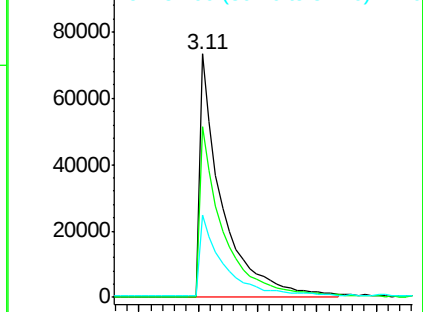
79 100

52 70.2 57.2 85.8

51 33.9 28.9 43.3



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



#4

n-Nitrosodimethylamine

Concen: 37.45 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.03 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

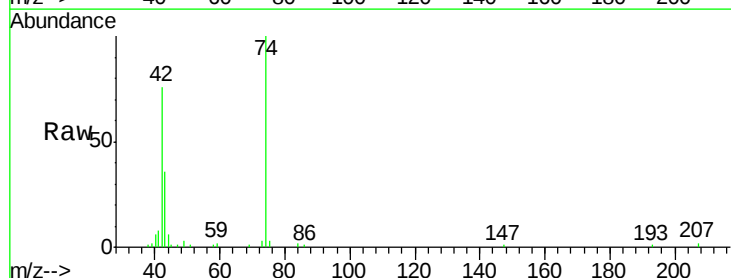
Tgt Ion: 42 Resp: 86743

Ion Ratio Lower Upper

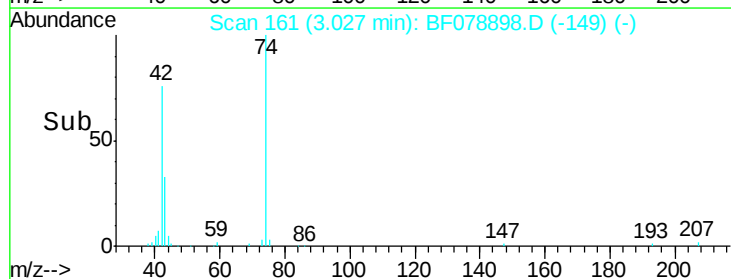
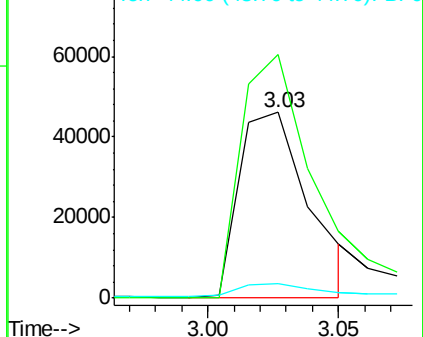
42 100

74 131.0 96.5 144.7

44 7.7 6.1 9.1



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





#5

2-Fluorophenol

Concen: 134.39 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

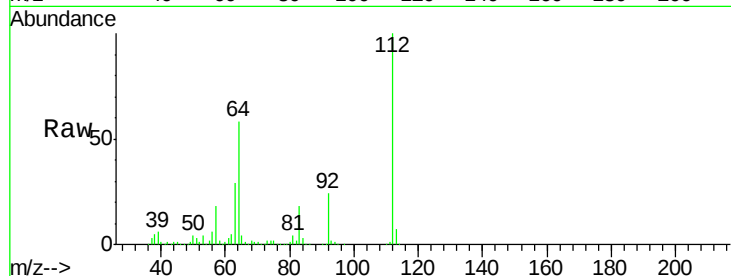
Tgt Ion: 112 Resp: 570910

Ion Ratio Lower Upper

112 100

64 58.3 53.5 80.3

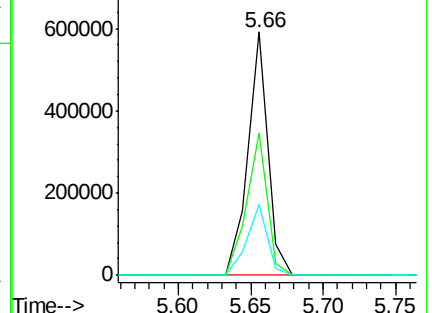
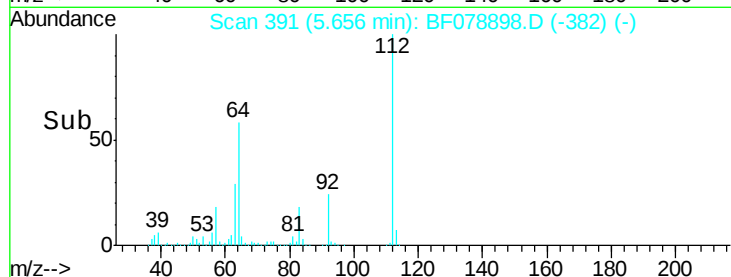
63 29.0 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.44 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

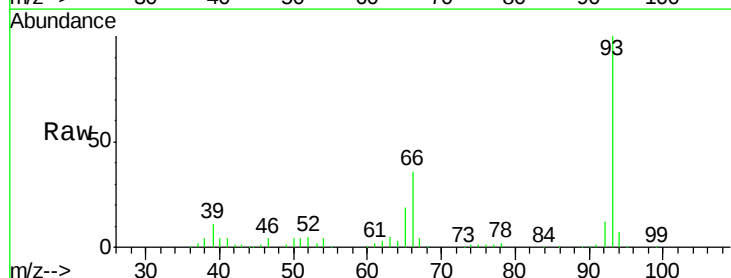
Tgt Ion: 93 Resp: 201620

Ion Ratio Lower Upper

93 100

66 36.4 29.7 44.5

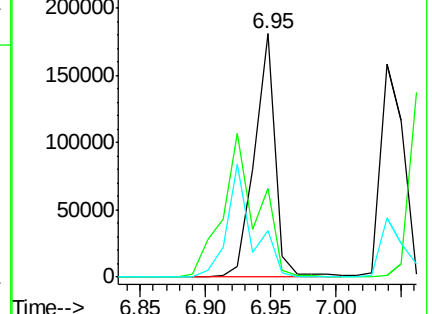
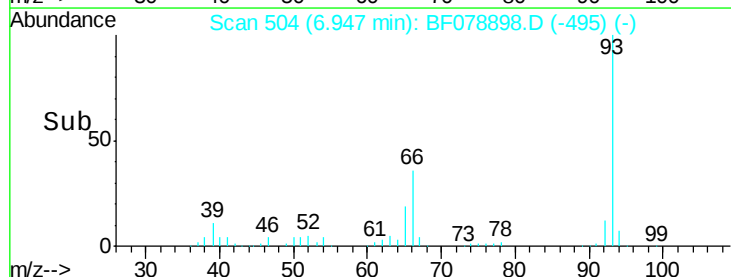
65 19.3 14.6 22.0



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: 129.55 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

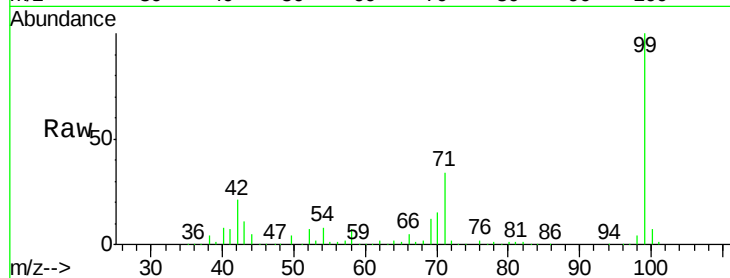
Tgt Ion: 99 Resp: 727482

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 33.5 23.4 35.2



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

600000

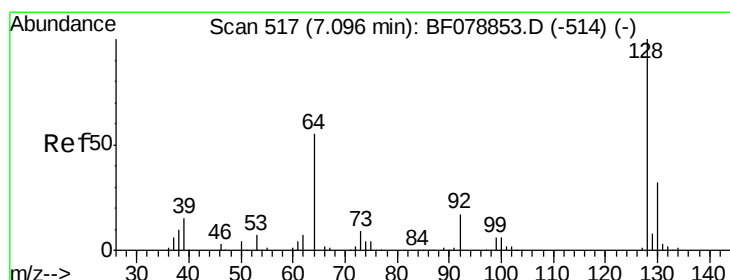
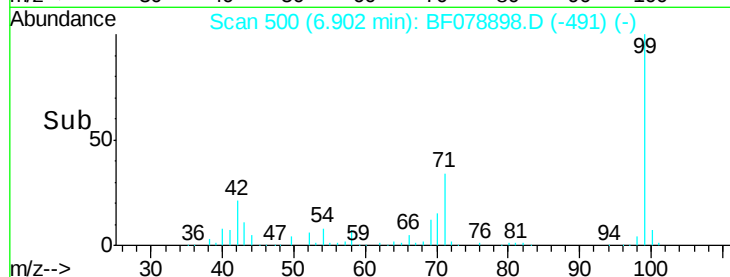
400000

200000

0

6.85 6.90 6.95

Time-->



#8

2-Chlorophenol

Concen: 42.91 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

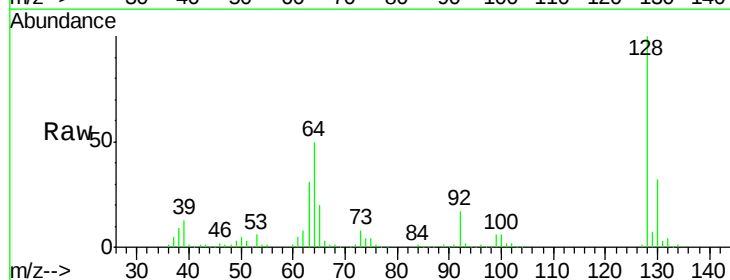
Tgt Ion: 128 Resp: 206758

Ion Ratio Lower Upper

128 100

130 31.8 12.1 52.1

64 50.0 29.6 69.6



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

300000

250000

200000

150000

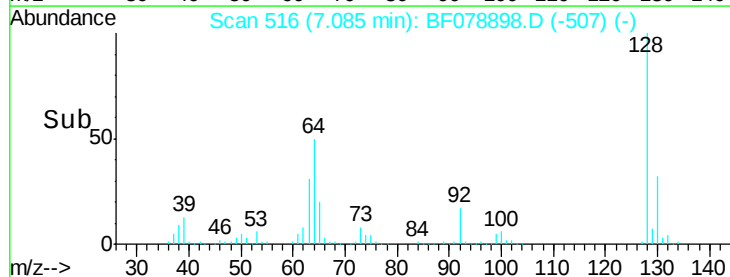
100000

50000

0

7.05 7.10 7.15

Time-->





#9

Benzaldehyde

Concen: 15.20 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

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ClientSampleId :

PB83016BSD

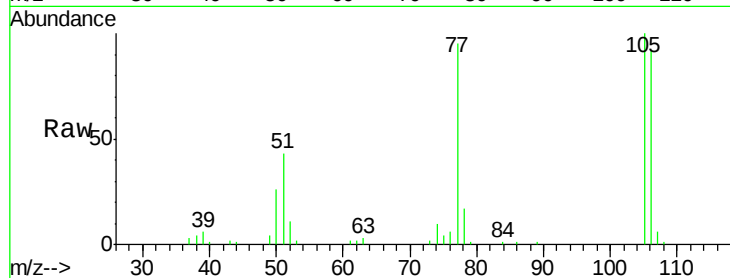
Tgt Ion: 77 Resp: 57497

Ion Ratio Lower Upper

77 100

105 105.7 81.7 121.7

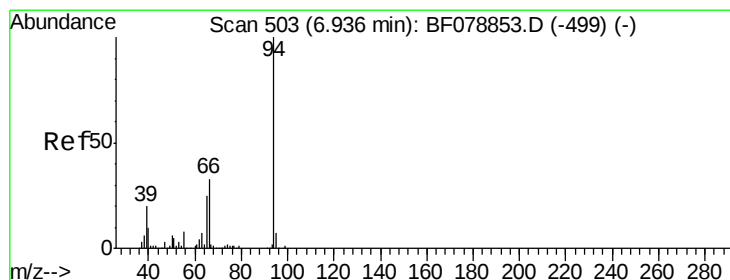
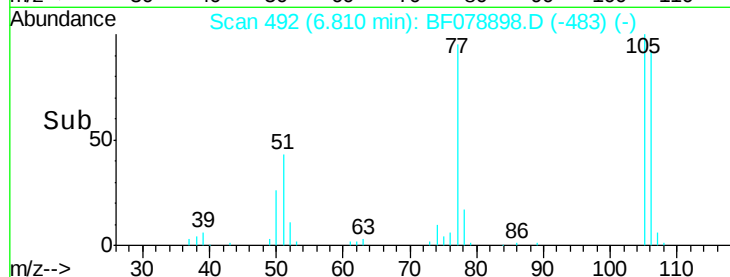
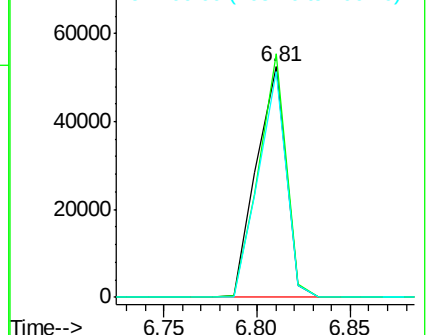
106 97.8 79.0 119.0



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: 43.38 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

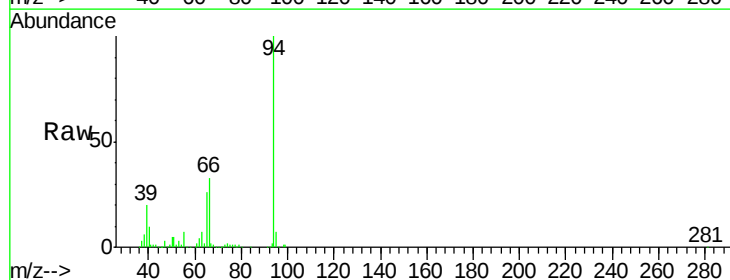
Tgt Ion: 94 Resp: 282574

Ion Ratio Lower Upper

94 100

65 25.8 8.5 48.5

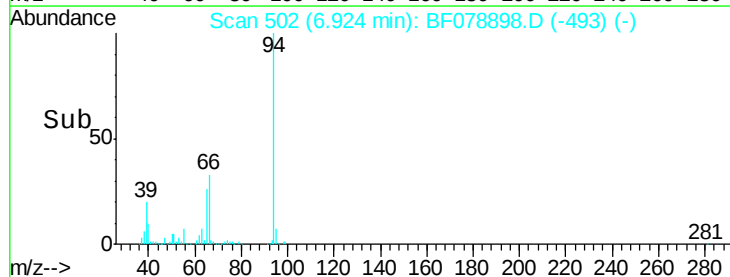
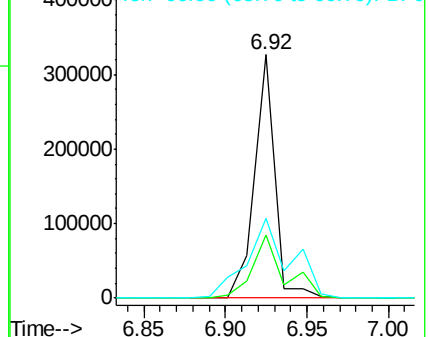
66 32.8 16.0 56.0



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: 39.72 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

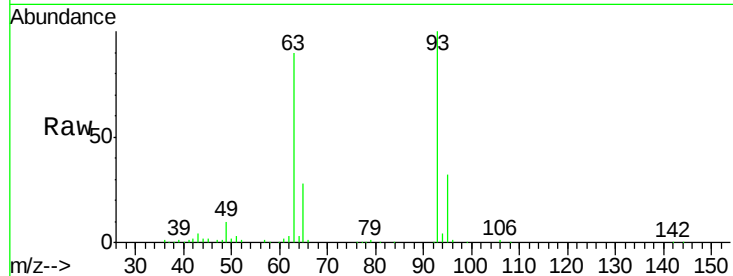
Tgt Ion: 93 Resp: 189663

Ion Ratio Lower Upper

93 100

63 89.7 64.8 104.8

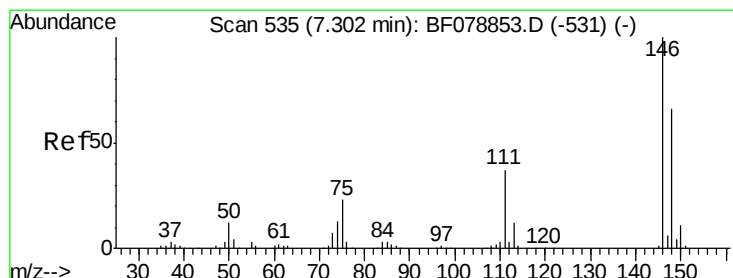
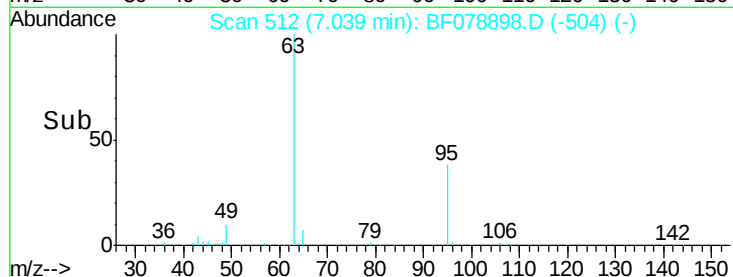
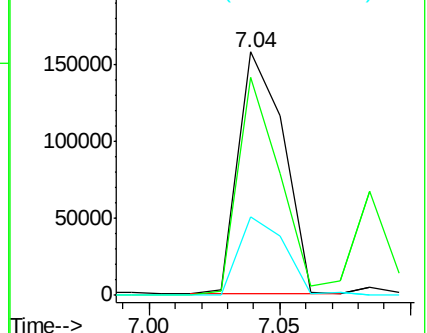
95 32.3 12.4 52.4



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: 39.82 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

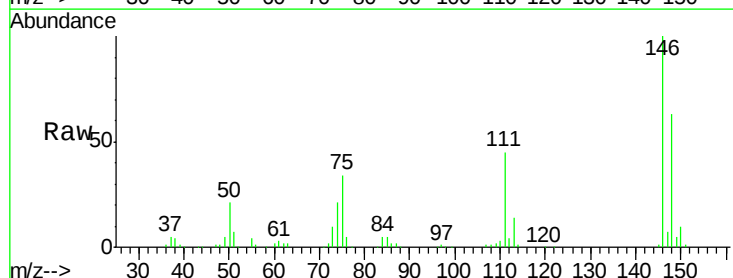
Tgt Ion: 146 Resp: 215670

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

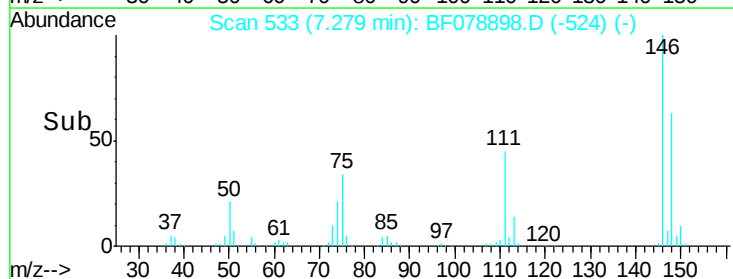
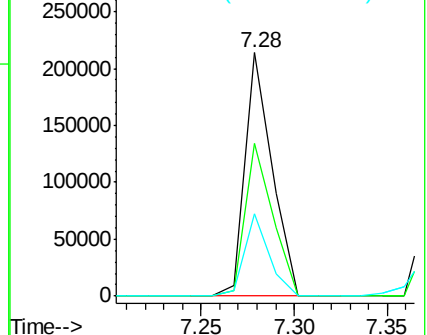
75 34.0 29.2 43.8

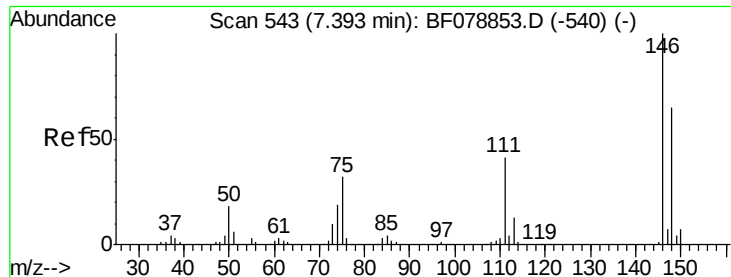


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

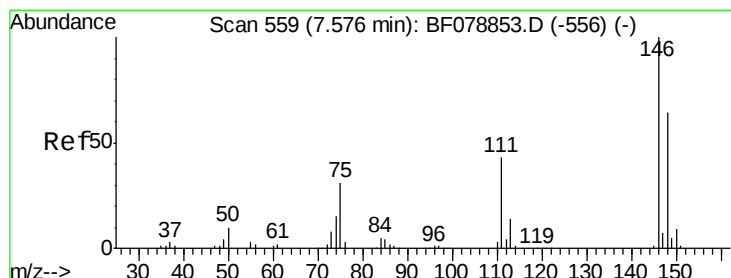
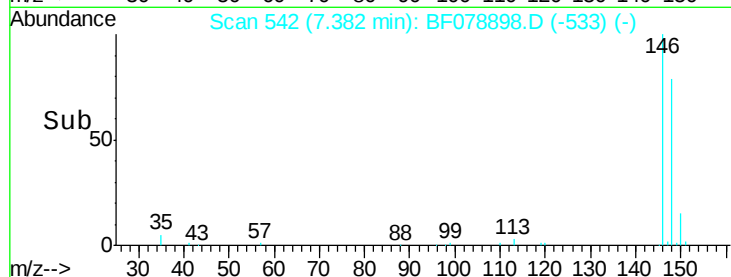
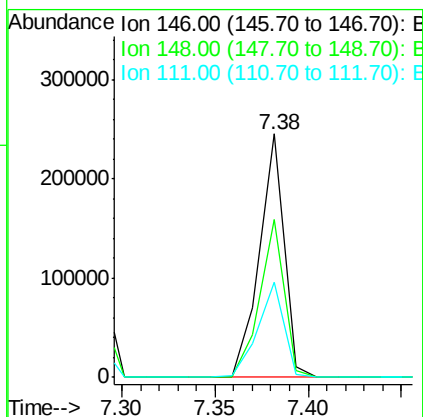
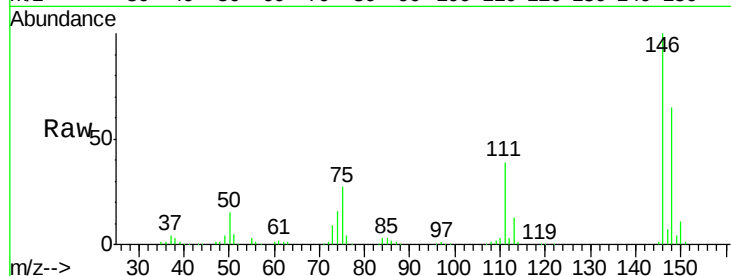




#13
 1,4-Dichlorobenzene
 Concen: 40.19 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

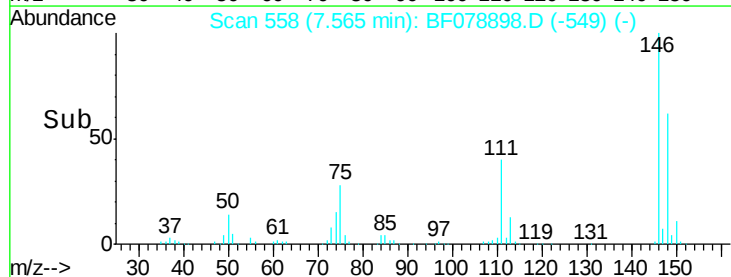
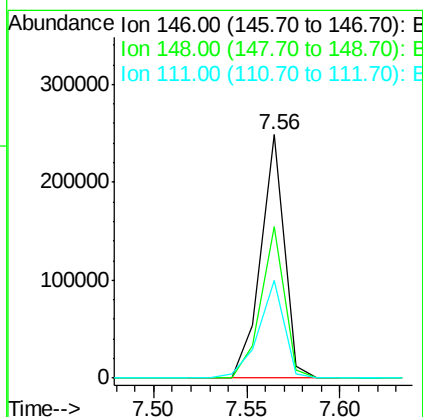
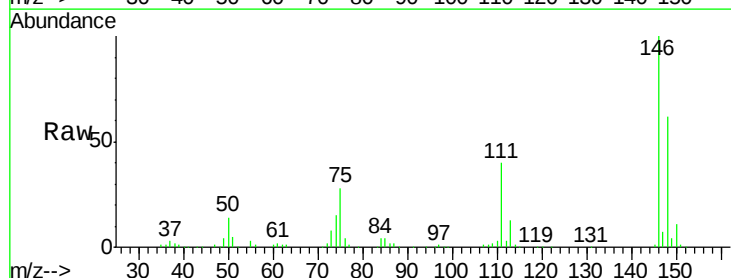
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tgt Ion:146 Resp: 224012
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.8 79.2
 111 38.9 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 41.79 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:146 Resp: 216806
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.2 76.8
 111 40.0 33.3 49.9





#15

Benzyl Alcohol

Concen: 41.46 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

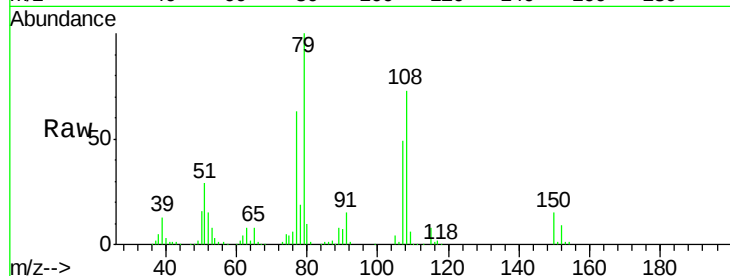
Tgt Ion: 79 Resp: 172807

Ion Ratio Lower Upper

79 100

108 73.1 62.5 93.7

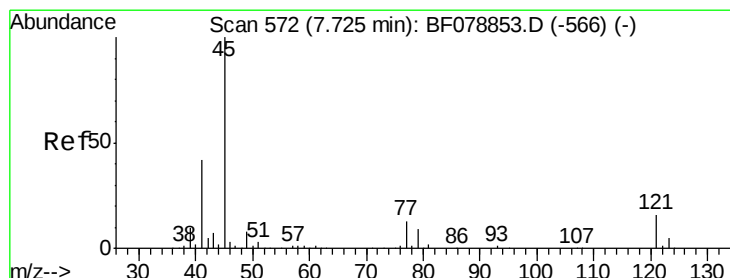
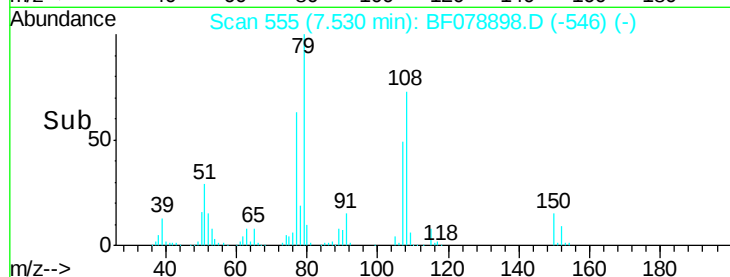
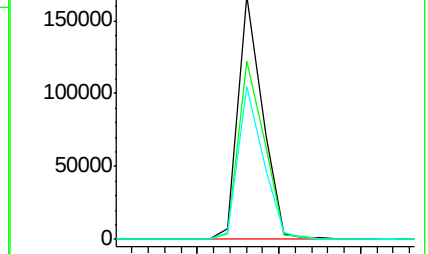
77 62.6 52.2 78.4



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: 40.99 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

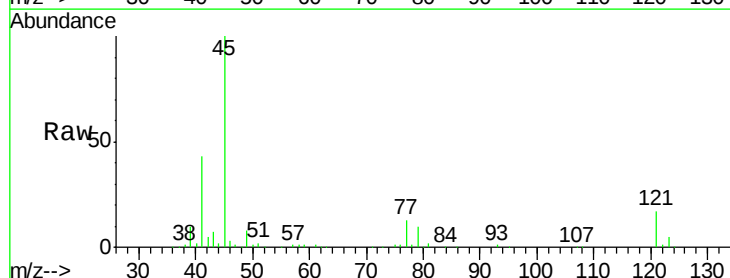
Tgt Ion: 45 Resp: 299509

Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.3

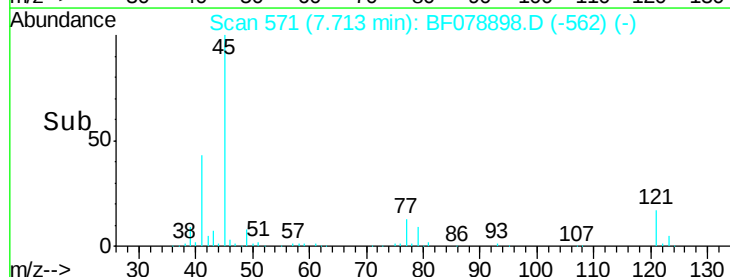
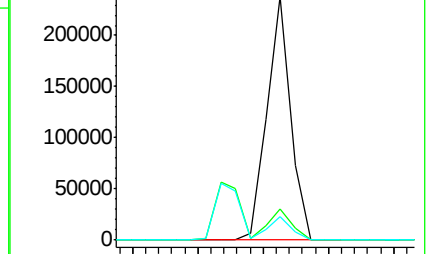
79 9.6 0.0 30.1

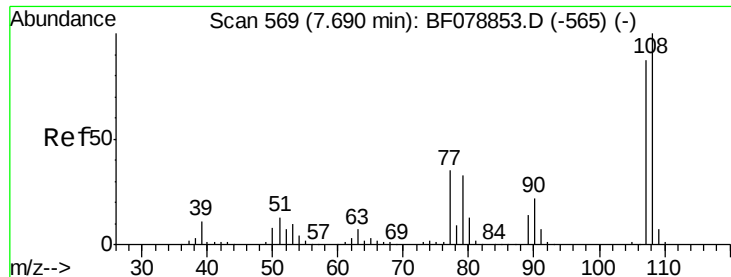


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

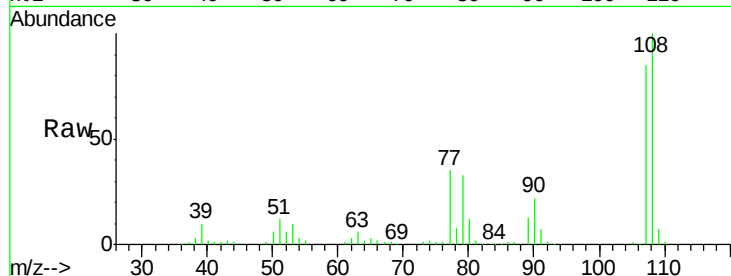




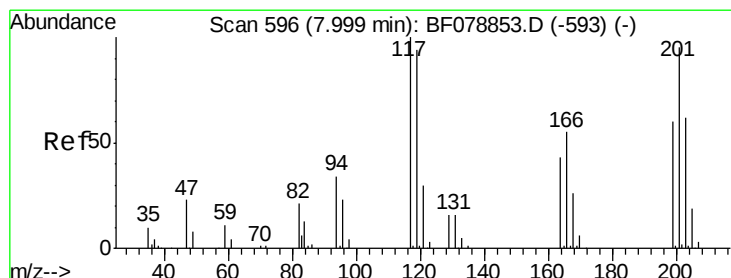
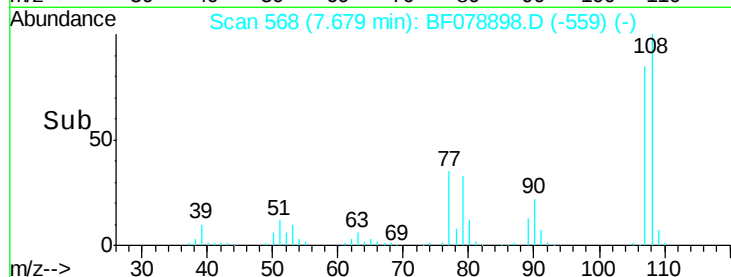
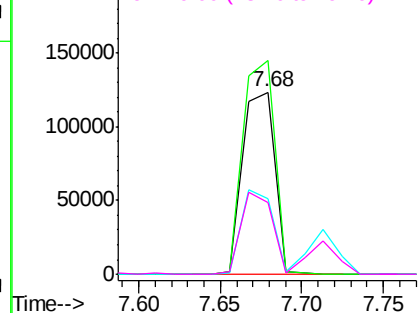
#17
2-Methylphenol
Concen: 43.39 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion:	107	Resp:	168236
Ion	Ratio	Lower	Upper
107	100		
108	117.1	94.9	142.3
77	41.2	36.2	54.4
79	39.0	35.2	52.8

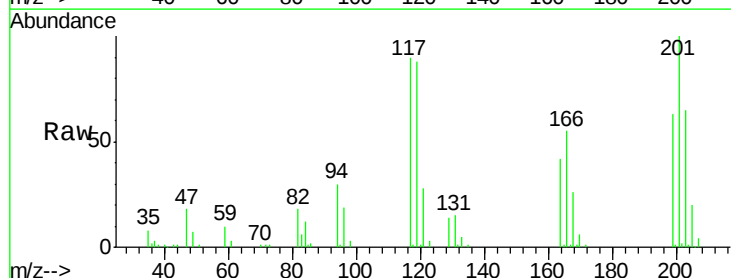


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

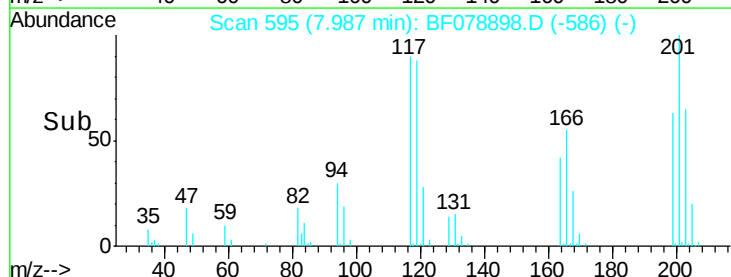
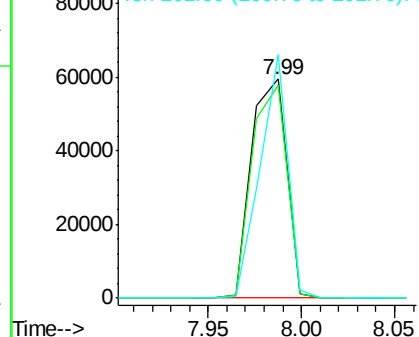


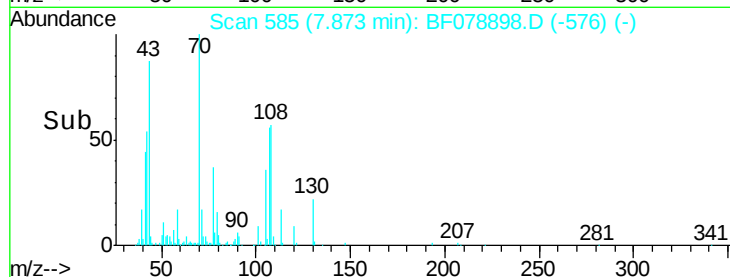
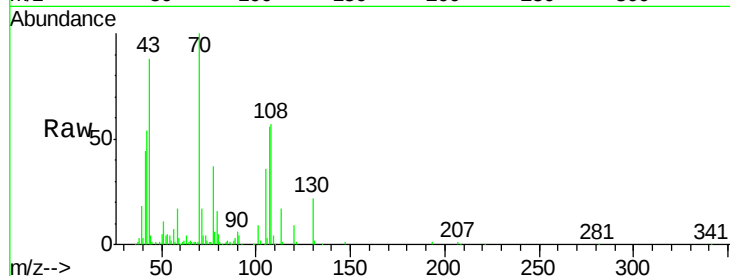
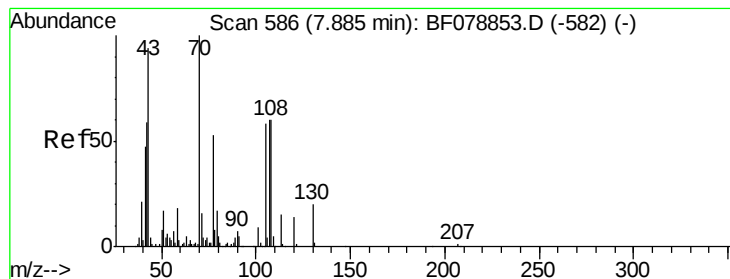
#18
Hexachloroethane
Concen: 40.61 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion:	117	Resp:	77953
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.0
201	111.1	83.2	124.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.17 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

Tgt Ion: 70 Resp: 156151

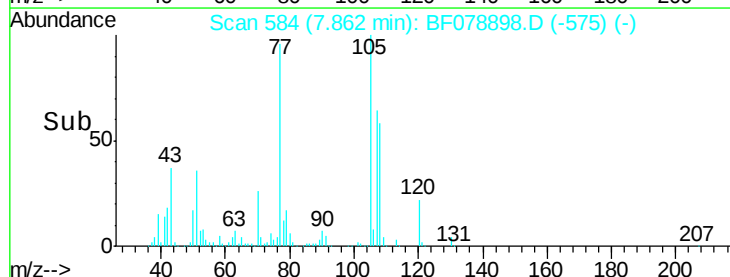
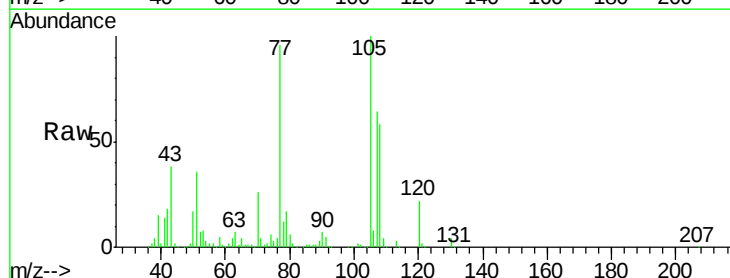
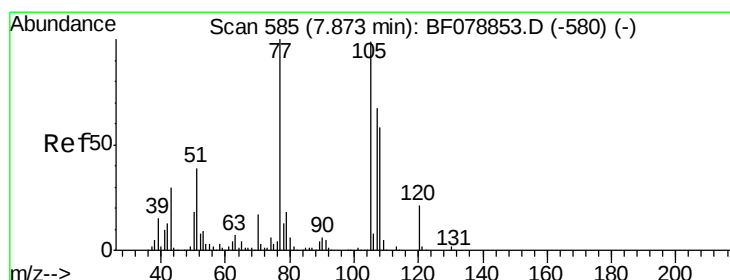
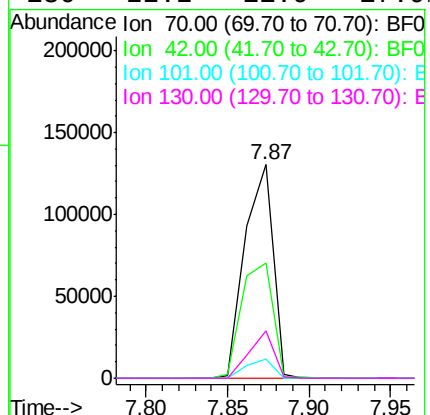
Ion Ratio Lower Upper

70 100

42 54.1 55.4 83.0#

101 9.2 6.6 10.0

130 22.2 11.9 17.9#



#20

3+4-Methylphenols

Concen: 43.03 ng

RT: 7.86 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Tgt Ion: 107 Resp: 222337

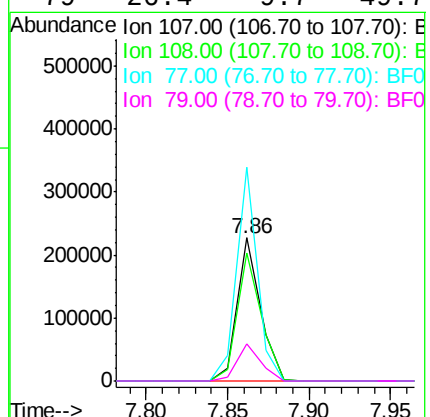
Ion Ratio Lower Upper

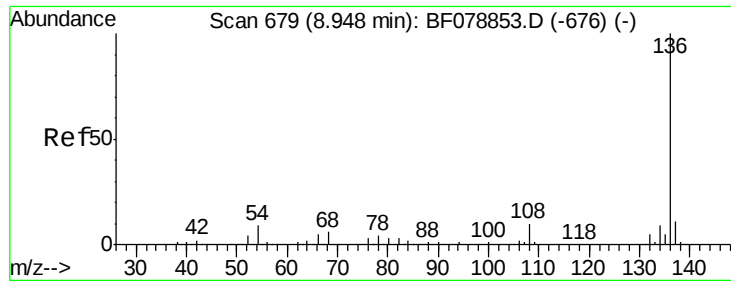
107 100

108 89.6 76.9 116.9

77 149.2 136.8 176.8

79 26.4 9.7 49.7

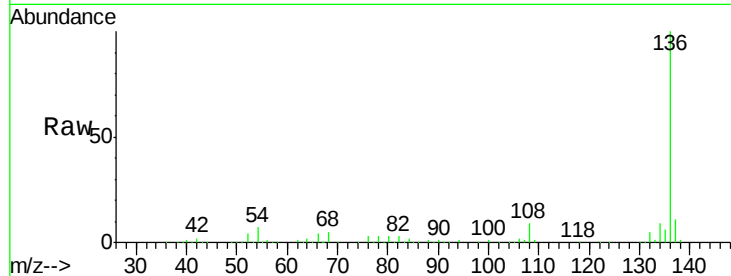




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion:	136	Resp:	302398
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.1	5.8	8.8
68	5.2	4.2	6.4



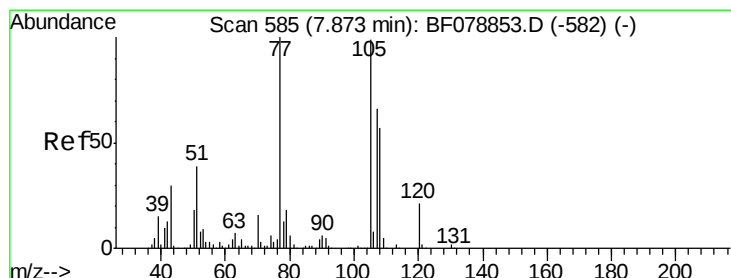
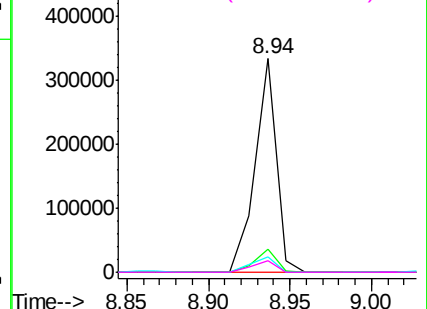
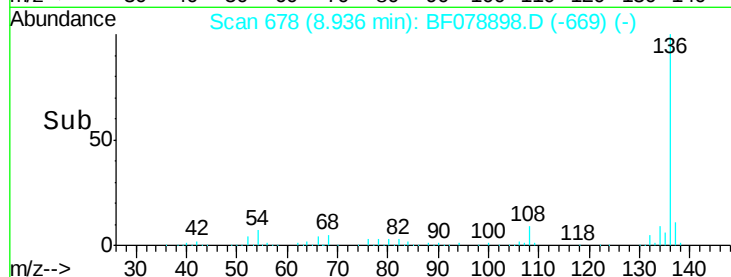
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

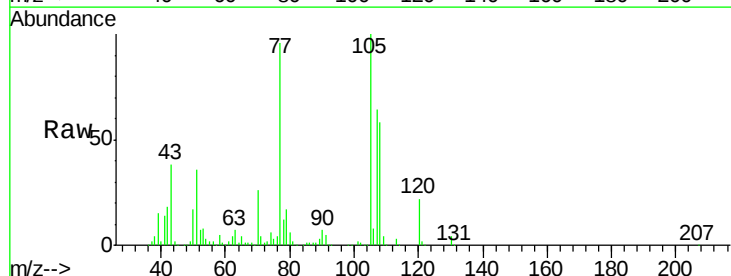
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 43.87 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion:	105	Resp:	299703
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.6	6.8#
51	35.7	26.7	40.1
120	21.6	17.4	26.0



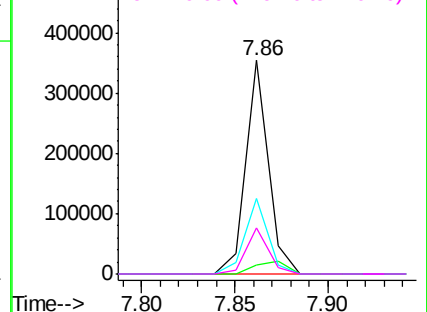
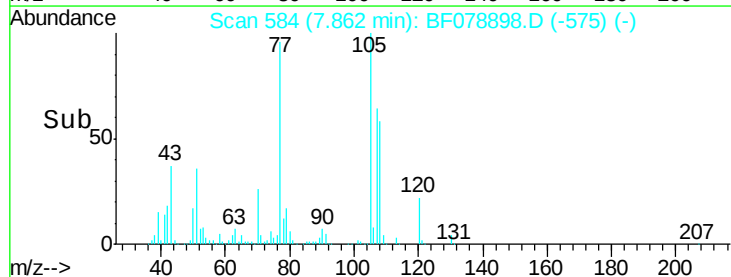
Abundance

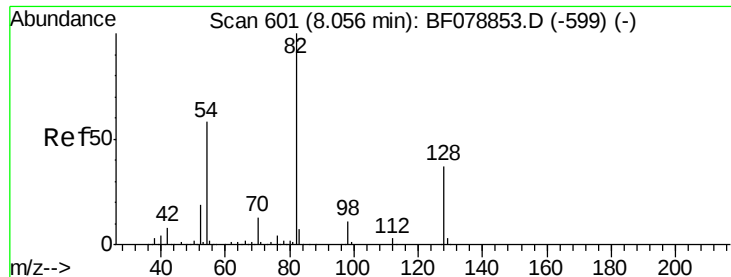
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

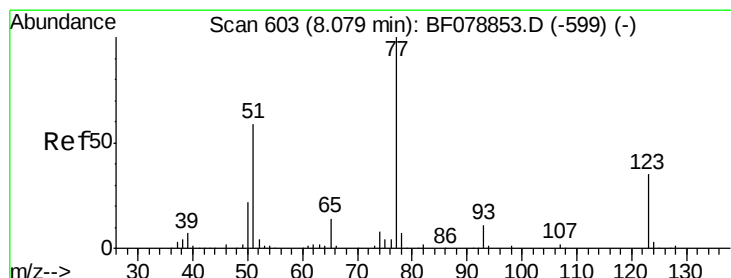
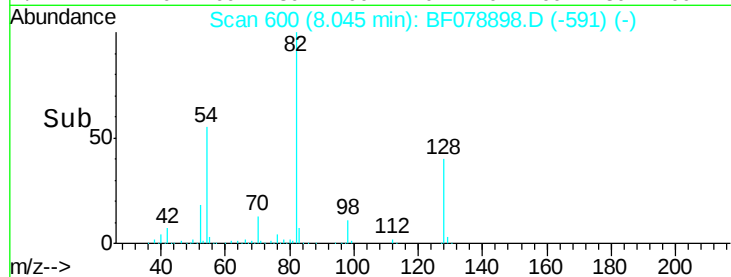
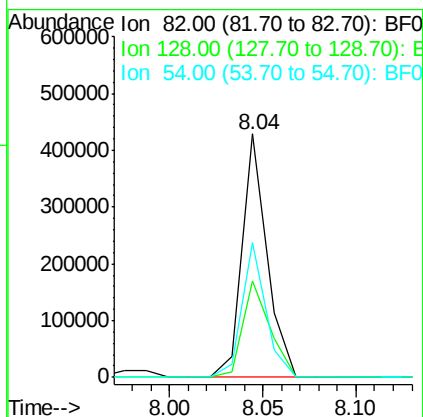
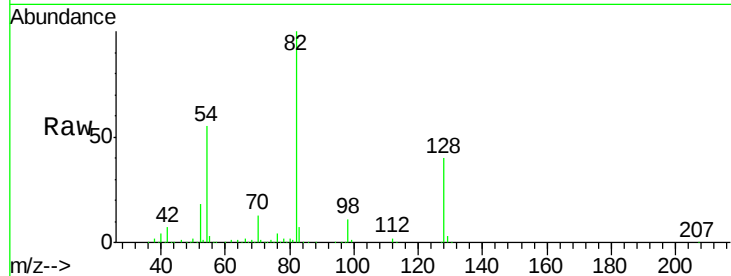




#23
 Nitrobenzene-d5
 Concen: 75.72 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

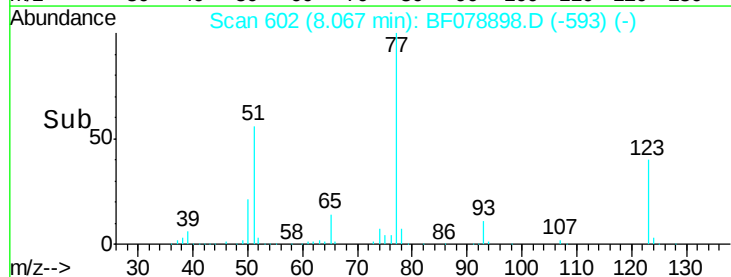
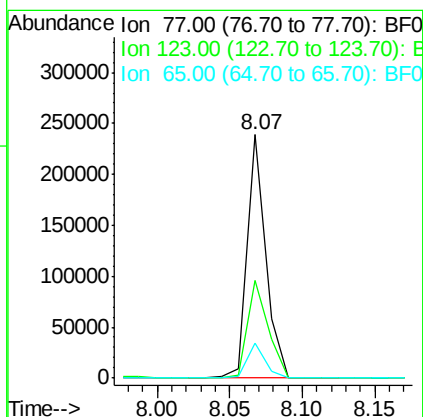
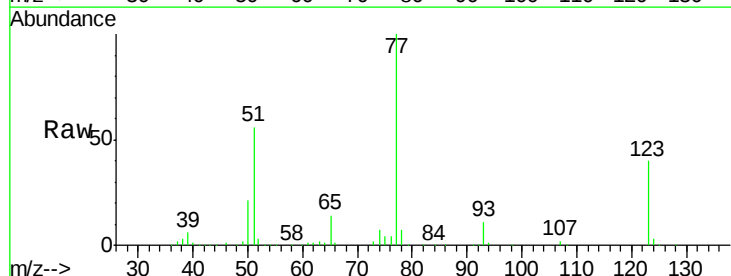
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

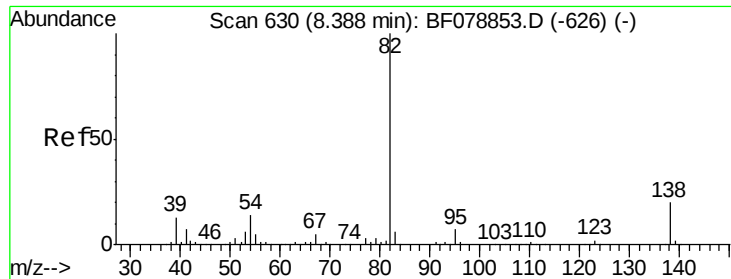
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.0	45.0
54	55.4	46.4	69.6



#24
 Nitrobenzene
 Concen: 40.75 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	31.8	47.8
65	14.1	10.6	15.8





#25

Isophorone

Concen: 39.99 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

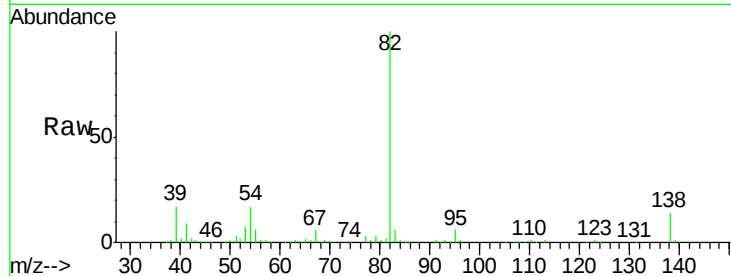
Tgt Ion: 82 Resp: 390119

Ion Ratio Lower Upper

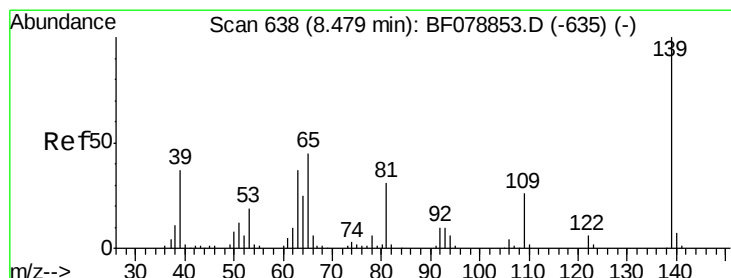
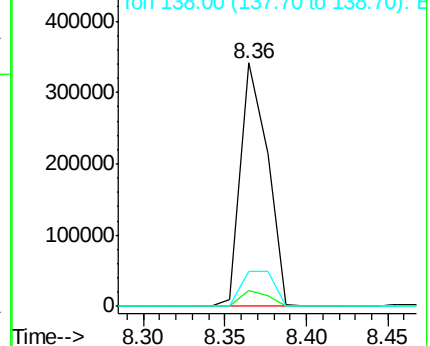
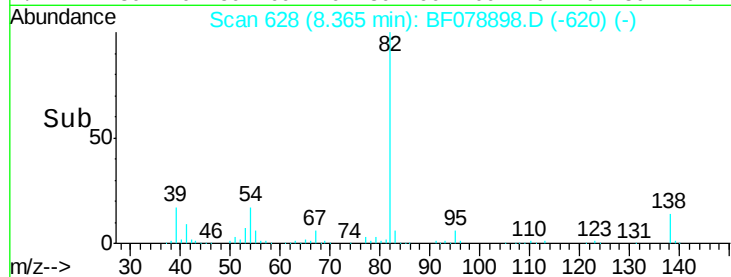
82 100

95 6.3 5.3 7.9

138 14.2 12.0 18.0



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: 42.81 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

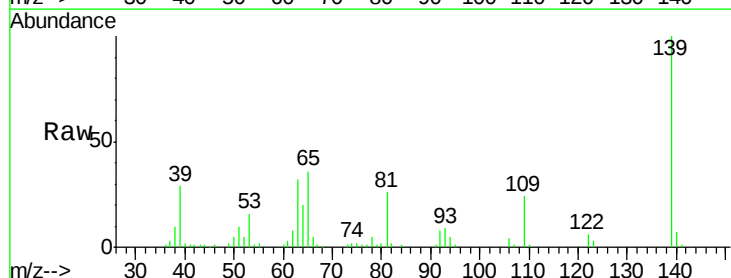
Tgt Ion: 139 Resp: 92422

Ion Ratio Lower Upper

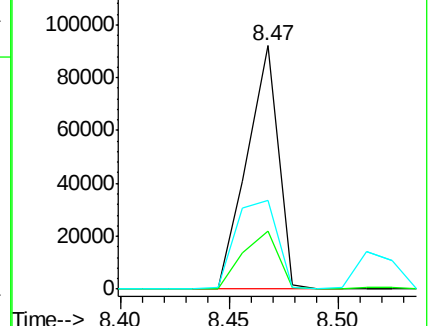
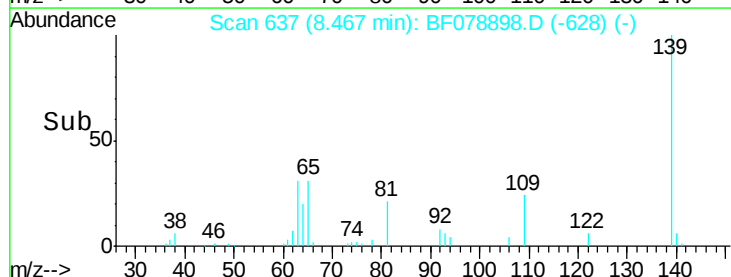
139 100

109 23.9 21.0 31.4

65 36.4 30.5 45.7



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

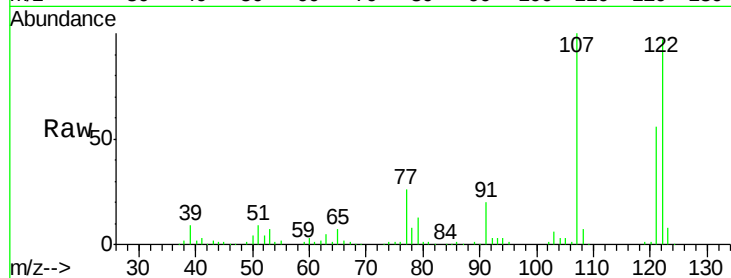




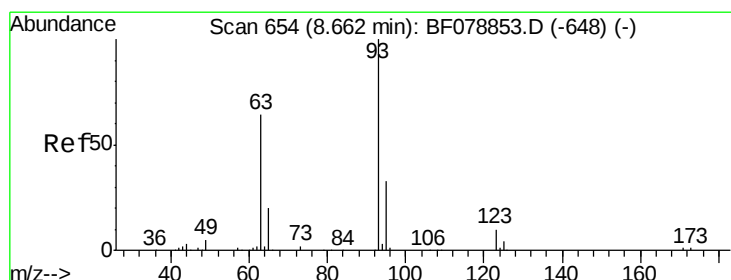
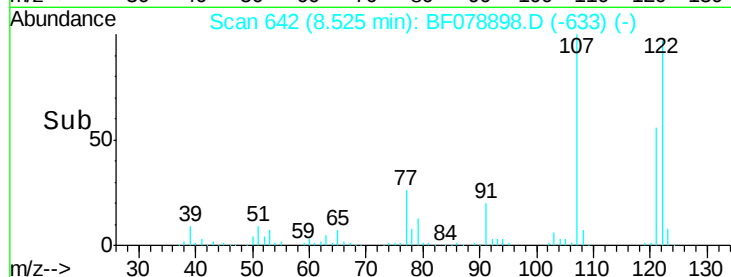
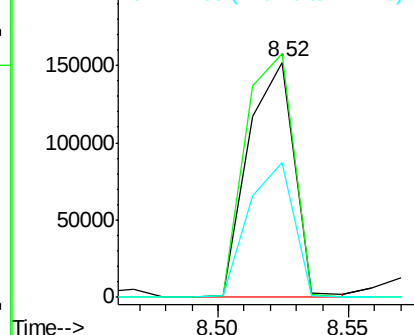
#27
 2,4-Dimethylphenol
 Concen: 43.65 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tgt Ion:122 Resp: 188569
 Ion Ratio Lower Upper
 122 100
 107 103.5 90.6 135.8
 121 57.5 45.4 68.2

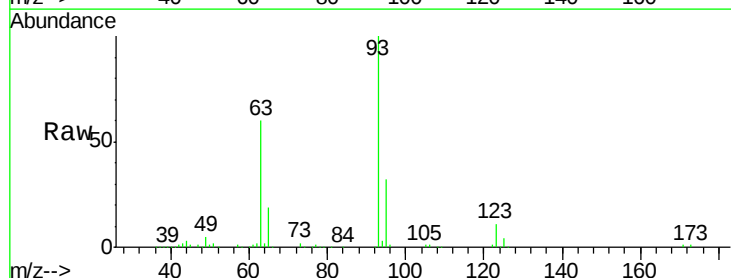


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

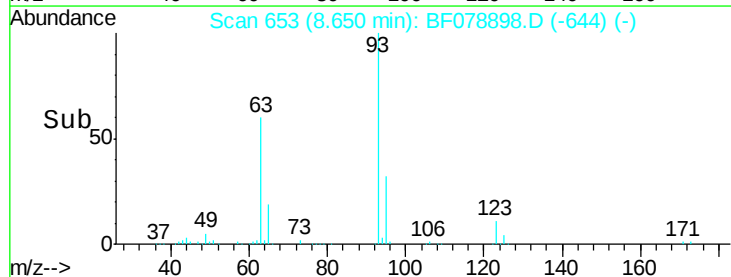
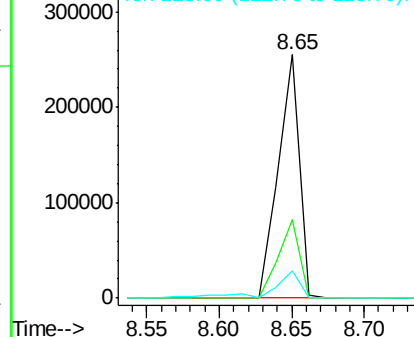


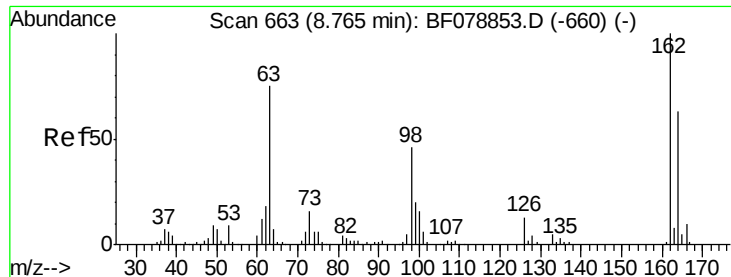
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.76 ng
 RT: 8.65 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion: 93 Resp: 257145
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.7 40.1
 123 11.2 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

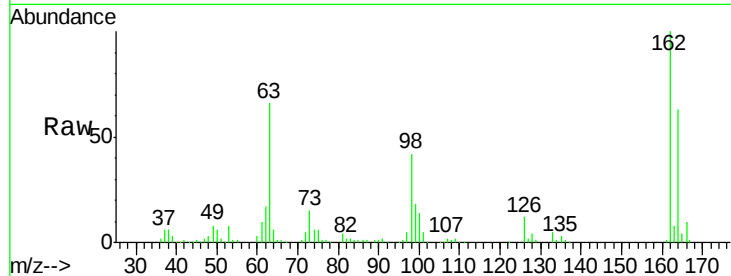




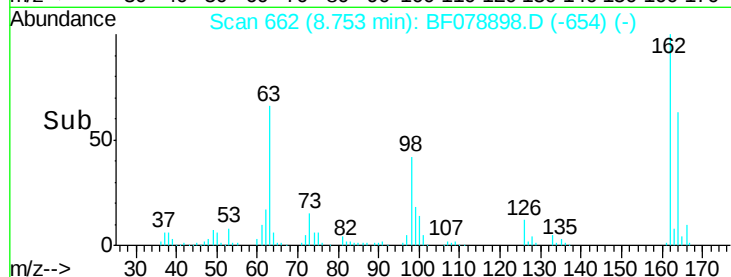
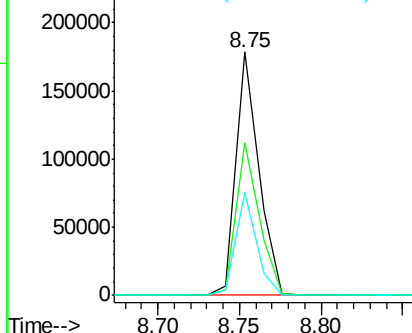
#29
 2,4-Dichlorophenol
 Concen: 44.68 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.6	83.6
98	42.2	16.5	56.5

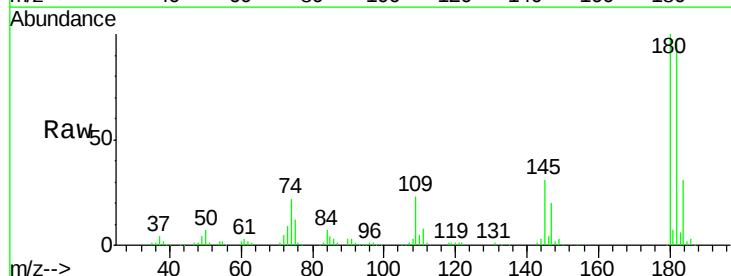


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

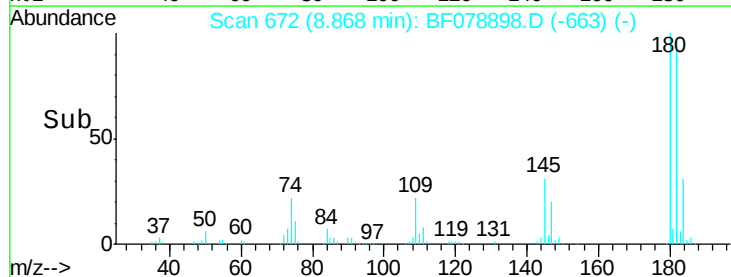
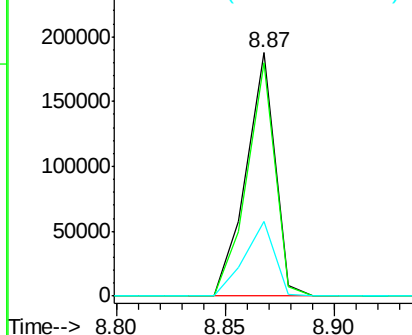


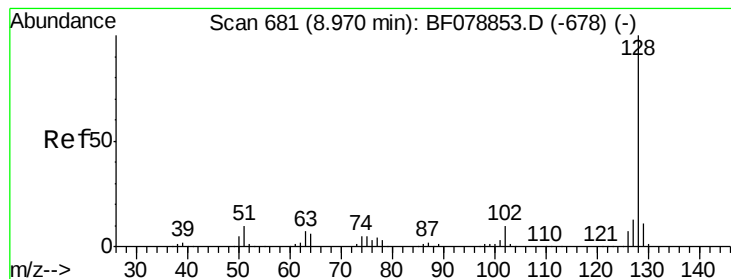
#30
 1,2,4-Trichlorobenzene
 Concen: 41.26 ng
 RT: 8.87 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.9	118.3
145	30.8	24.2	36.4



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: 41.27 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

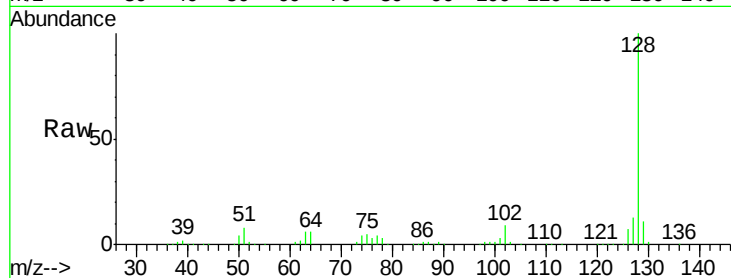
Tgt Ion:128 Resp: 594670

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

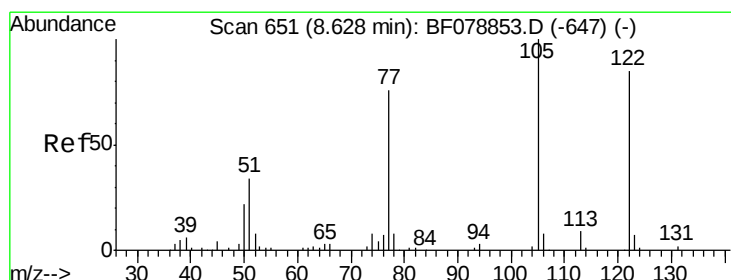
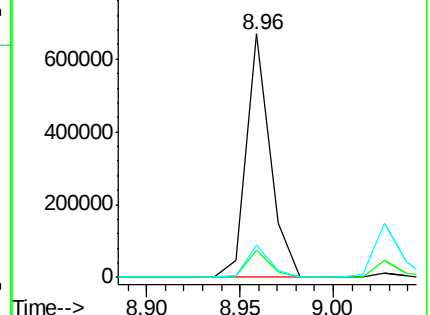
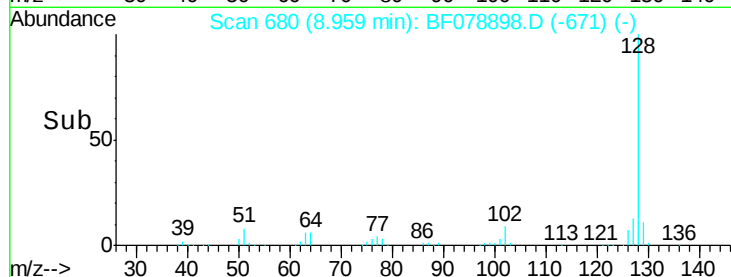
127 13.3 10.7 16.1



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: 42.11 ng

RT: 8.62 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

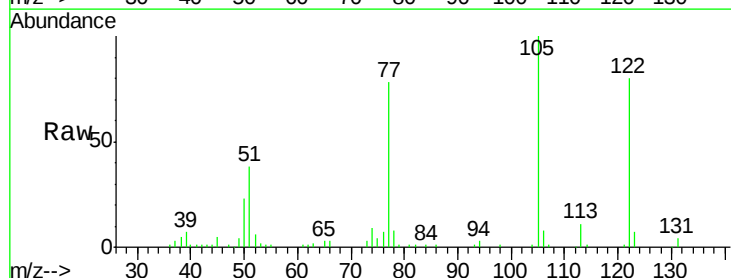
Tgt Ion:122 Resp: 111526

Ion Ratio Lower Upper

122 100

105 124.9 107.1 147.1

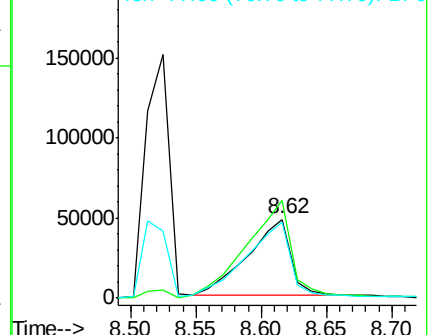
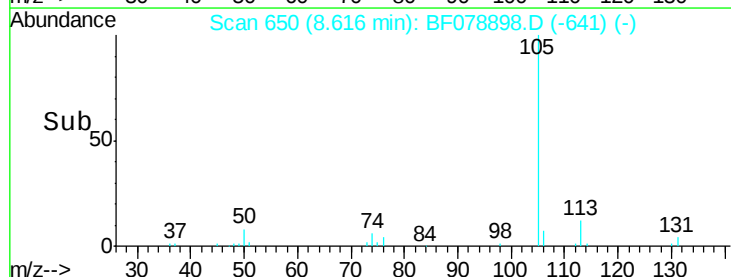
77 97.5 73.9 113.9

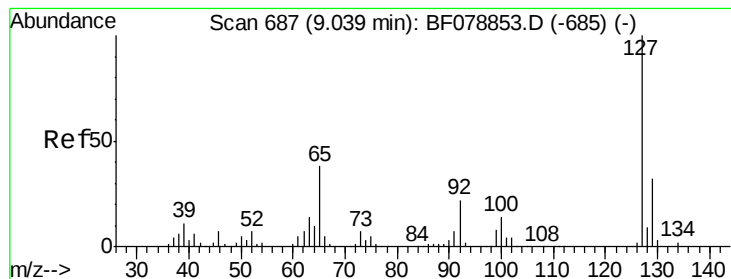


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.86 ng

RT: 9.03 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

Tgt Ion:127 Resp: 139392

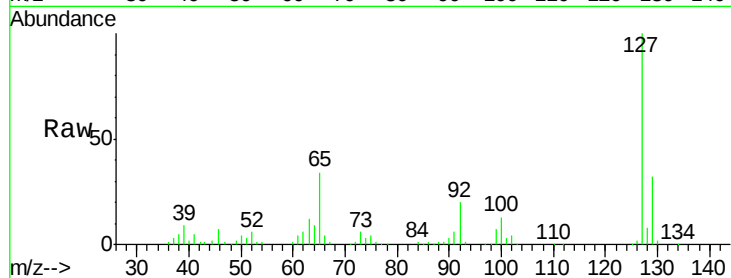
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.8

65 33.5 25.8 38.6

92 19.7 15.5 23.3

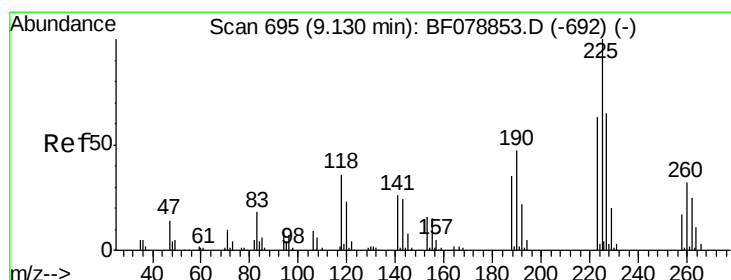
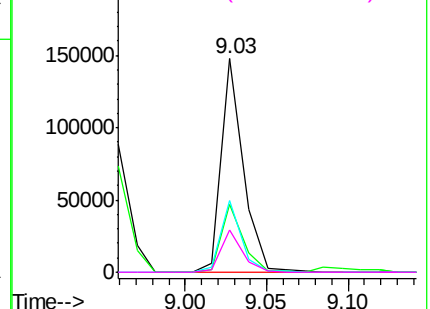
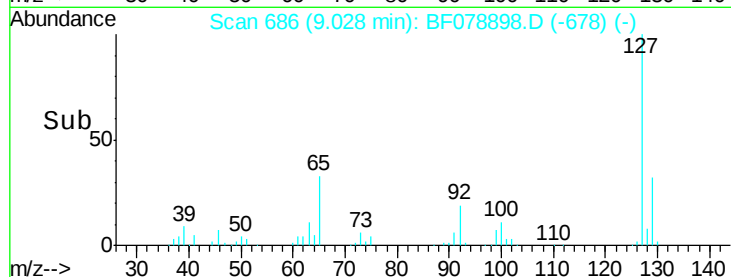


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.49 ng

RT: 9.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

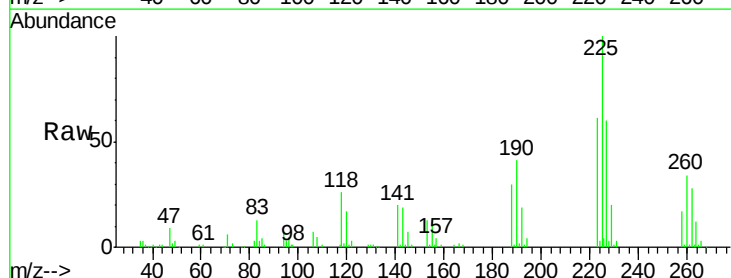
Tgt Ion:225 Resp: 95951

Ion Ratio Lower Upper

225 100

223 60.9 48.2 72.4

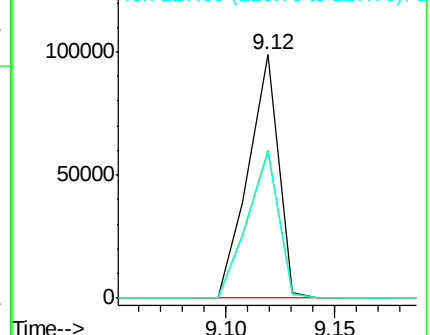
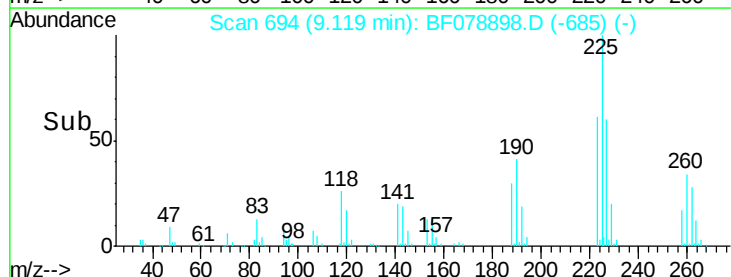
227 60.0 51.4 77.0

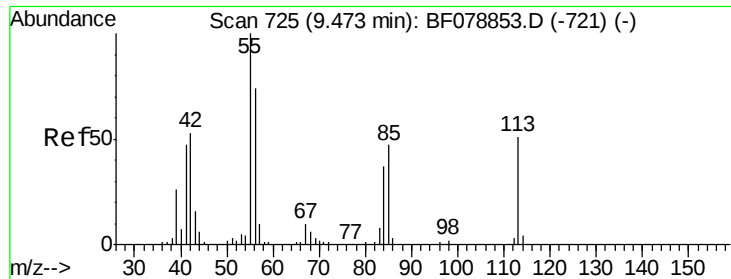


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

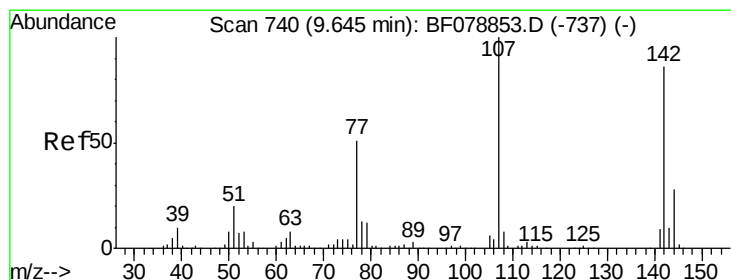
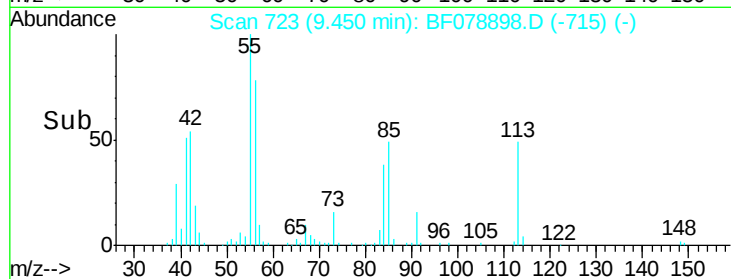
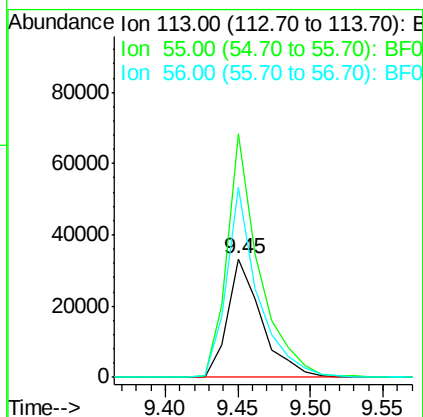
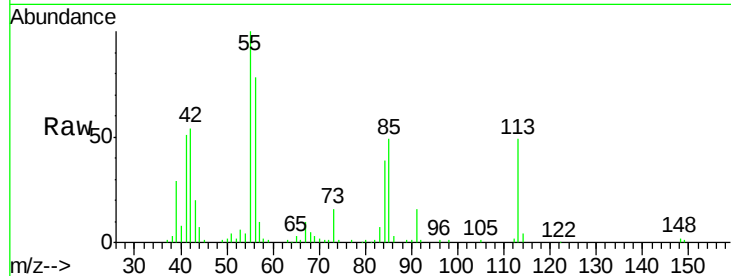




#35
 Caprolactam
 Concen: 43.61 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

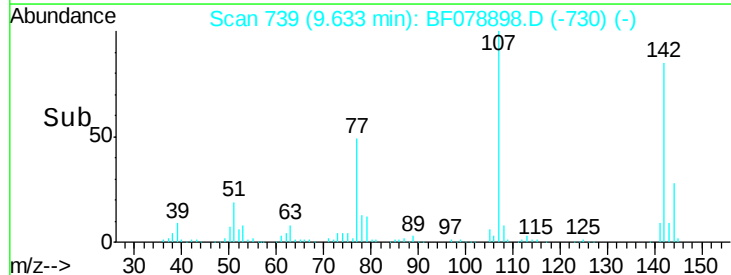
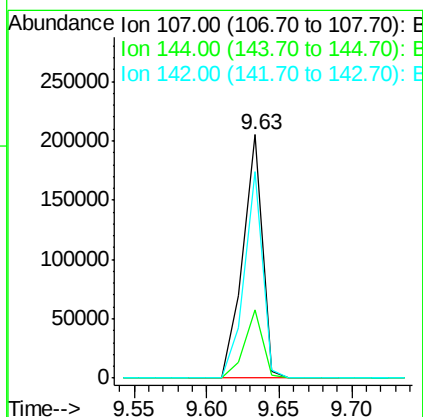
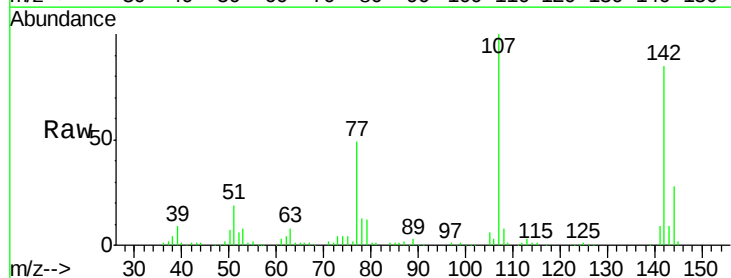
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

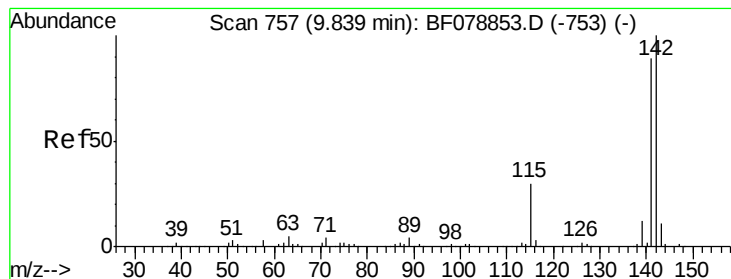
Tgt Ion:113 Resp: 54162
 Ion Ratio Lower Upper
 113 100
 55 205.9 169.7 209.7
 56 160.4 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.04 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:107 Resp: 193815
 Ion Ratio Lower Upper
 107 100
 144 28.2 19.8 29.6
 142 84.6 60.6 91.0





#37

2-Methylnaphthalene

Concen: 42.06 ng

RT: 9.82 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

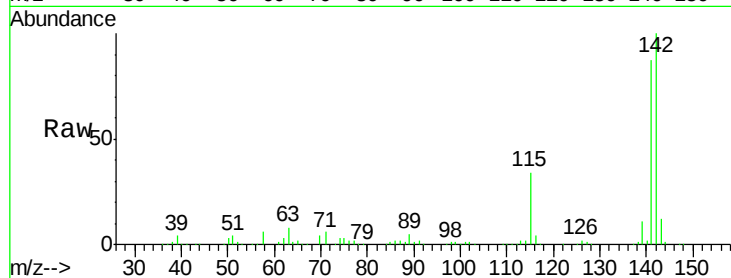
Tgt Ion:142 Resp: 419976

Ion Ratio Lower Upper

142 100

141 87.3 70.9 106.3

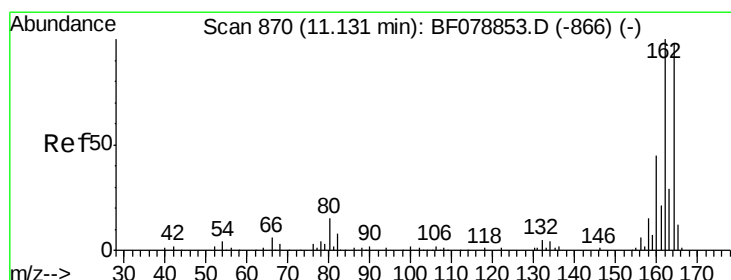
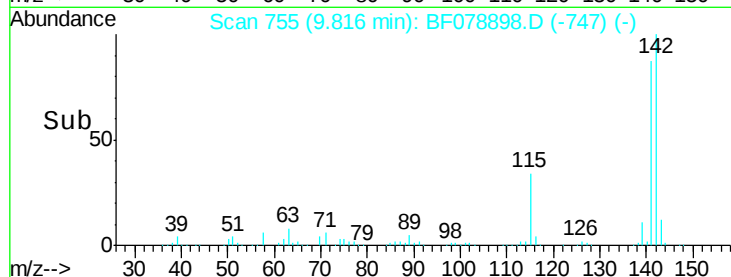
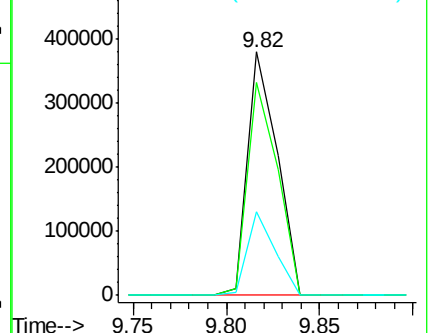
115 34.1 28.5 42.7



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: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

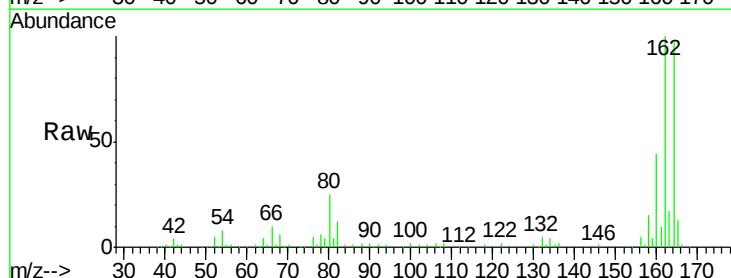
Tgt Ion:164 Resp: 142474

Ion Ratio Lower Upper

164 100

162 103.1 82.7 124.1

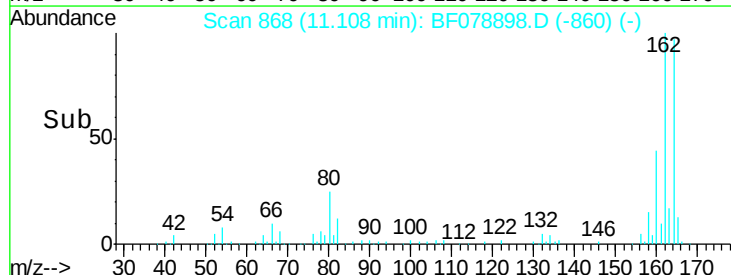
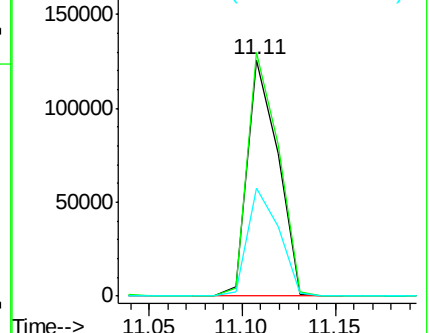
160 45.7 35.8 53.8

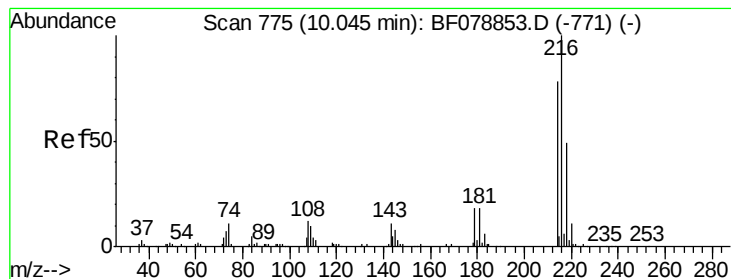


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.84 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

Tgt Ion:216 Resp: 163886

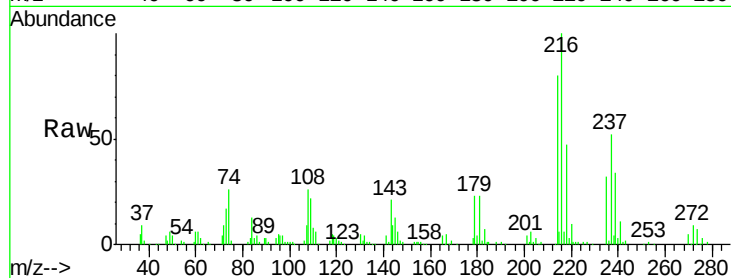
Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

179 21.0 0.0 0.0#

108 24.7 0.0 0.0#

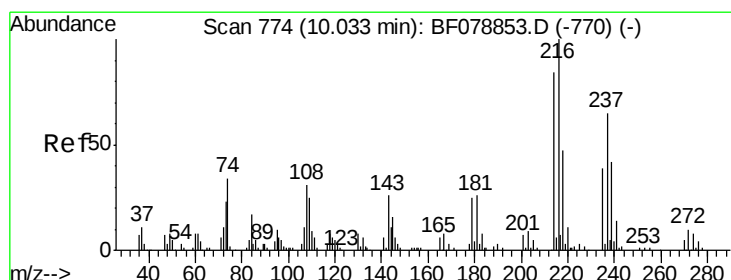
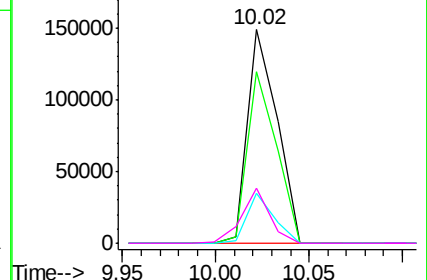
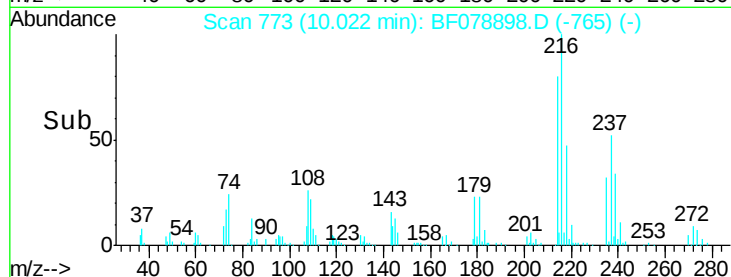


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.57 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

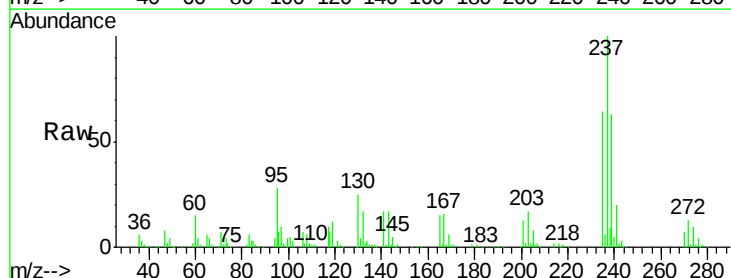
Tgt Ion:237 Resp: 196868

Ion Ratio Lower Upper

237 100

235 64.0 44.7 84.7

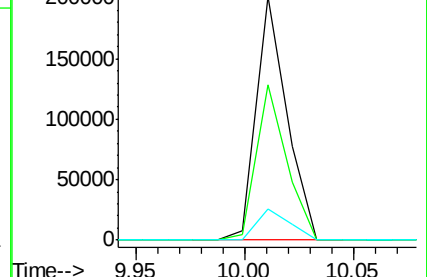
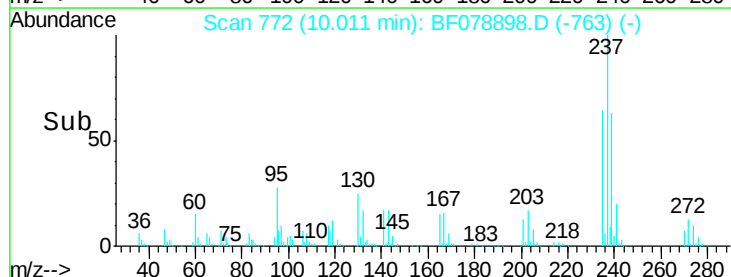
272 12.6 0.0 32.6

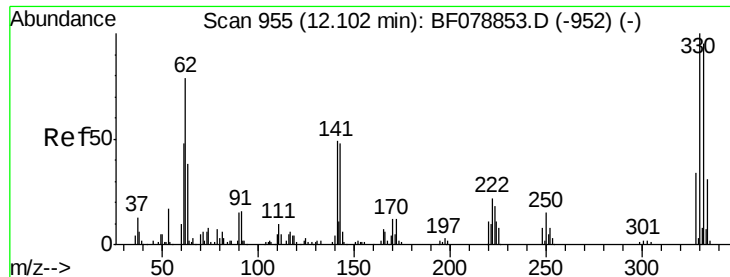


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

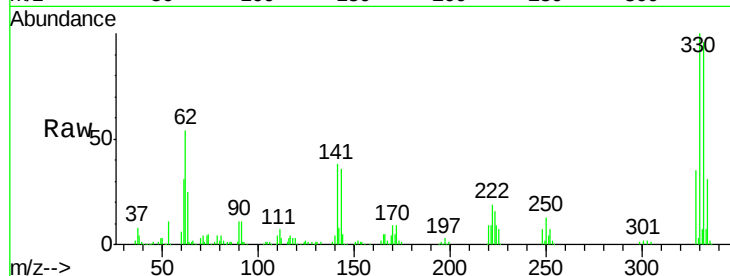




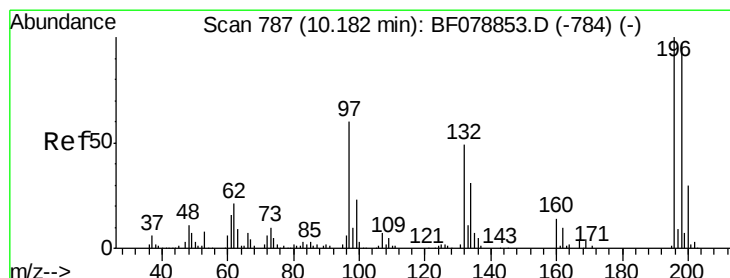
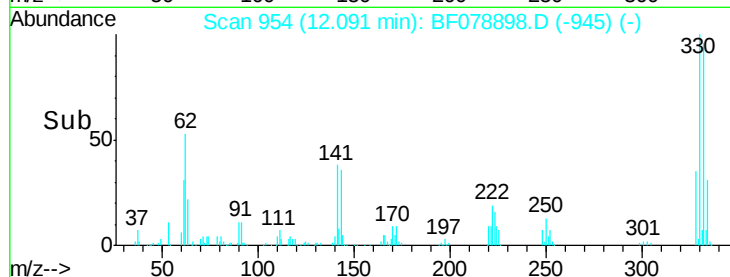
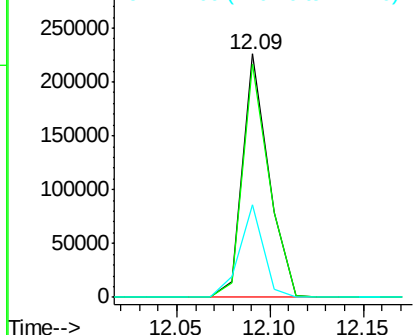
#41
 2,4,6-Tribromophenol
 Concen: 143.58 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tgt Ion:330 Resp: 221299
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 35.2 0.0 0.0#

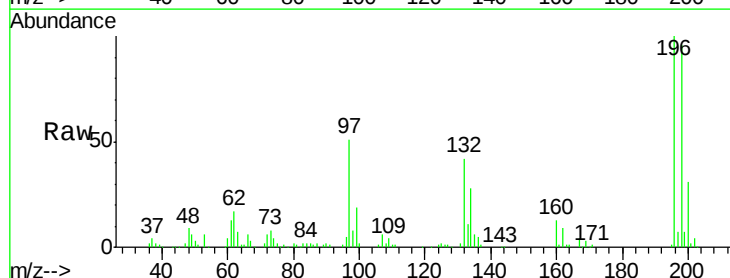


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

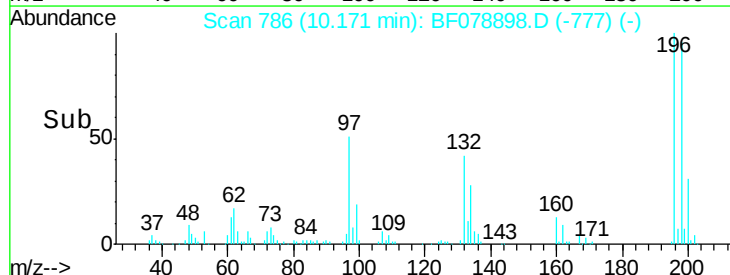
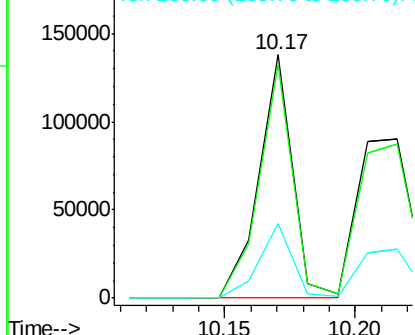


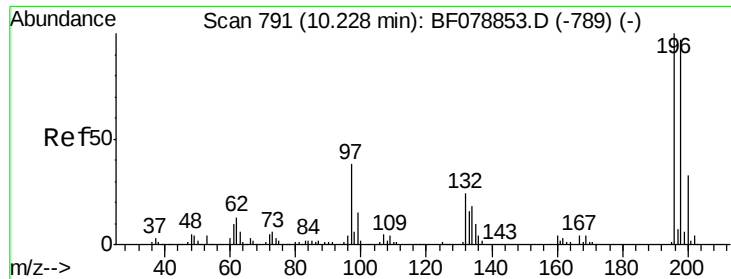
#42
 2,4,6-Trichlorophenol
 Concen: 45.22 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:196 Resp: 124753
 Ion Ratio Lower Upper
 196 100
 198 95.7 80.5 120.7
 200 30.6 24.9 37.3



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

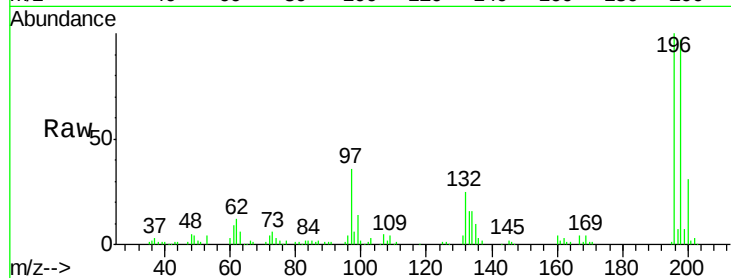




#43
 2,4,5-Trichlorophenol
 Concen: 44.85 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.8	119.6
97	36.0	46.0	69.0#
132	24.8	26.6	40.0#



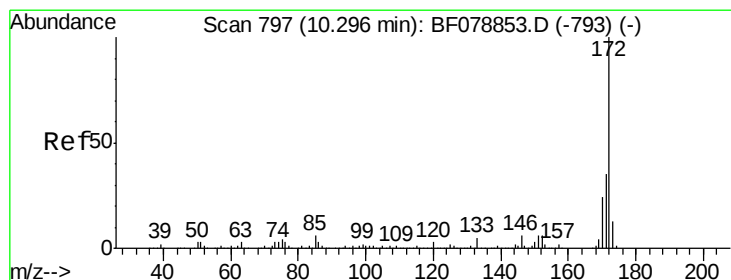
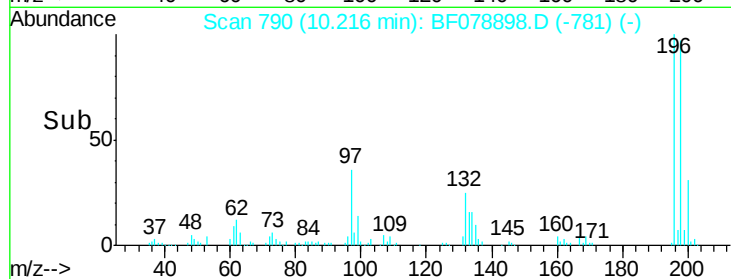
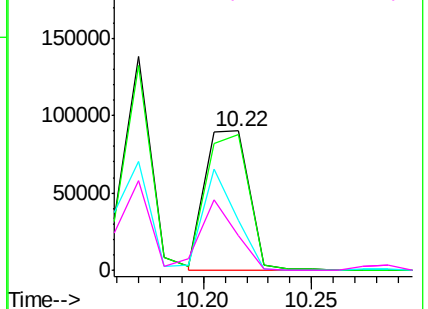
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

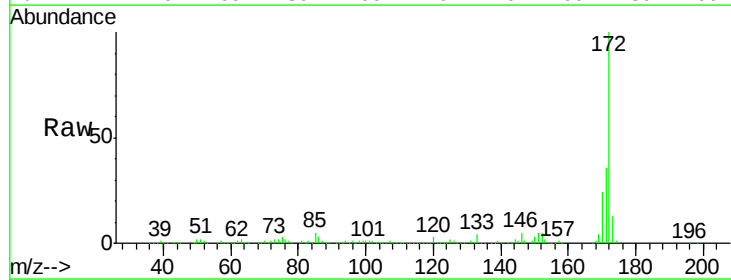
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.04 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.8	19.4	29.0

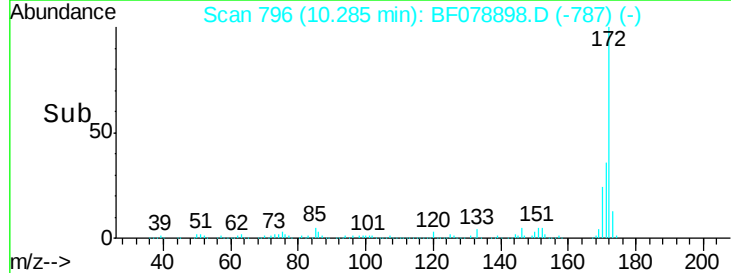
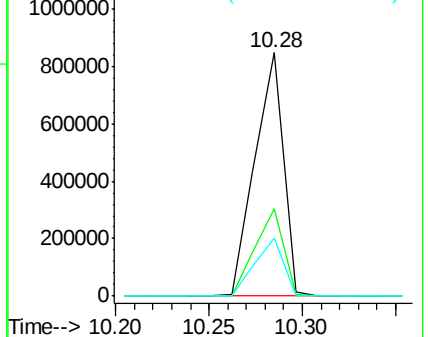


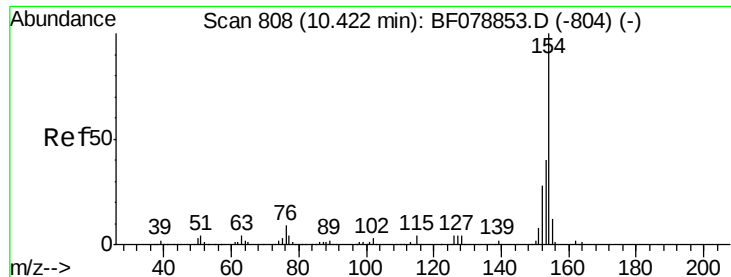
Abundance

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: 43.66 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

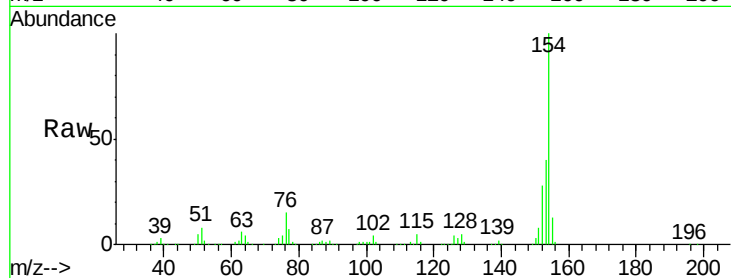
Tgt Ion:154 Resp: 494493

Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

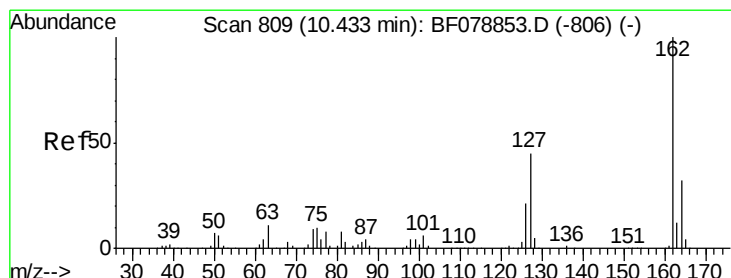
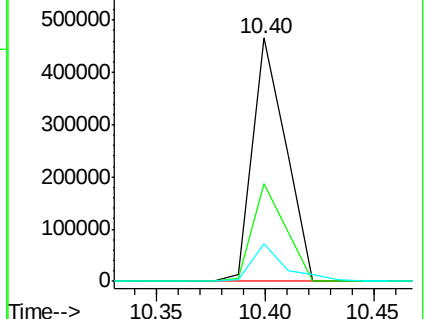
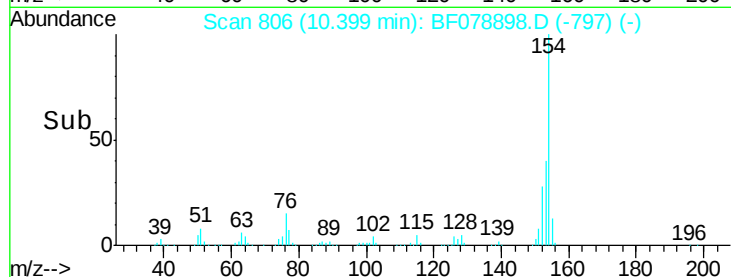
76 15.3 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.69 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

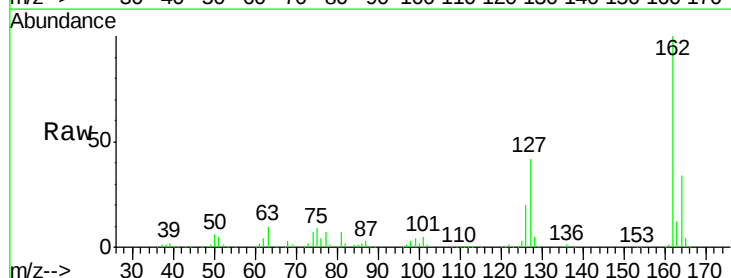
Tgt Ion:162 Resp: 377193

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

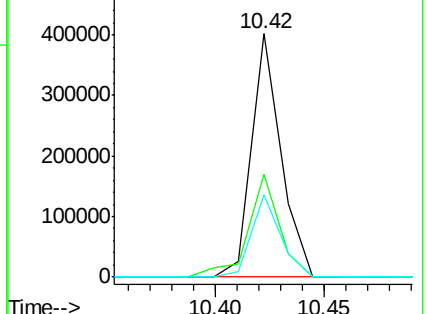
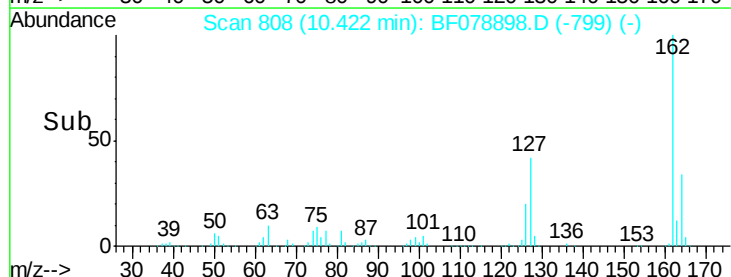
164 33.7 26.3 39.5



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

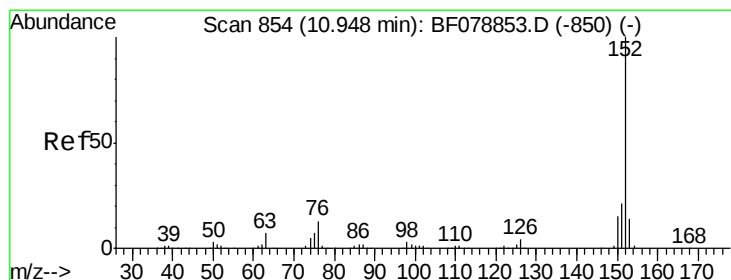
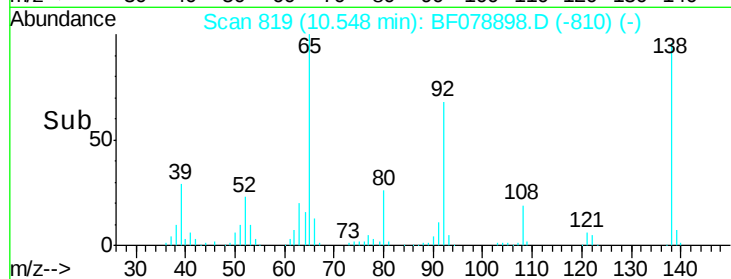
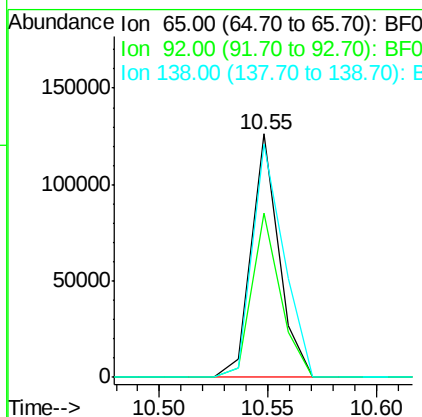
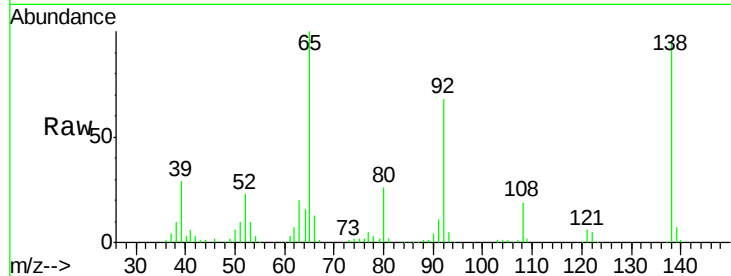




#47
 2-Nitroaniline
 Concen: 43.61 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

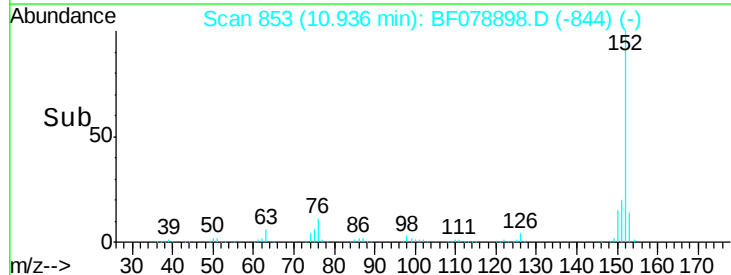
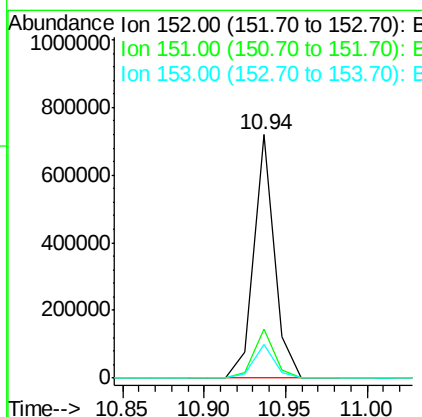
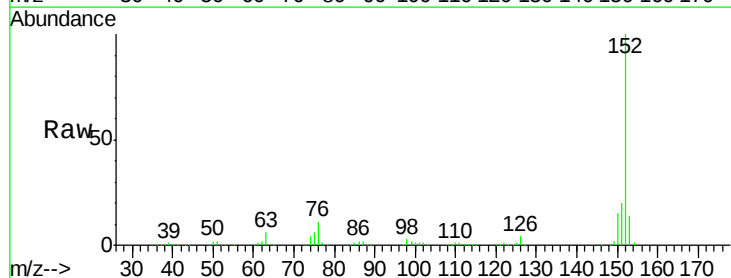
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

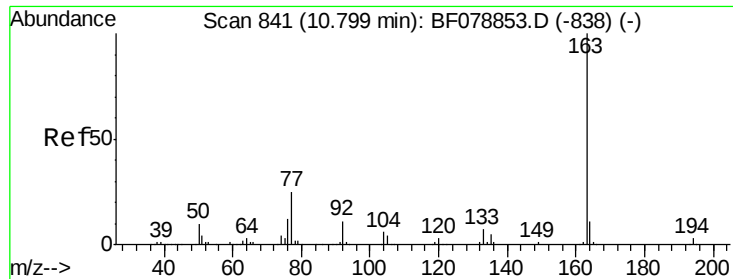
Tgt Ion: 65 Resp: 111645
 Ion Ratio Lower Upper
 65 100
 92 67.7 54.0 81.0
 138 95.9 75.0 112.6



#48
 Acenaphthylene
 Concen: 43.62 ng
 RT: 10.94 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion: 152 Resp: 632819
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.8 10.9 16.3

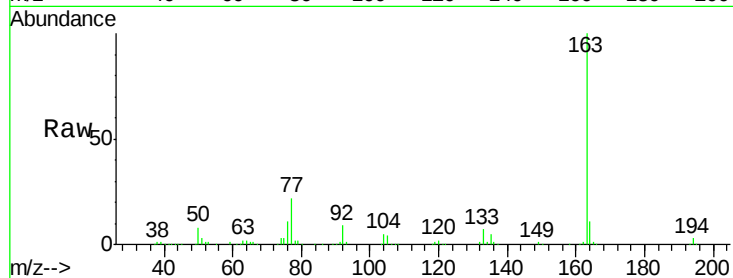




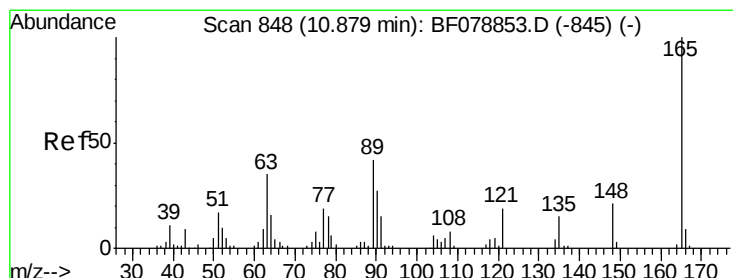
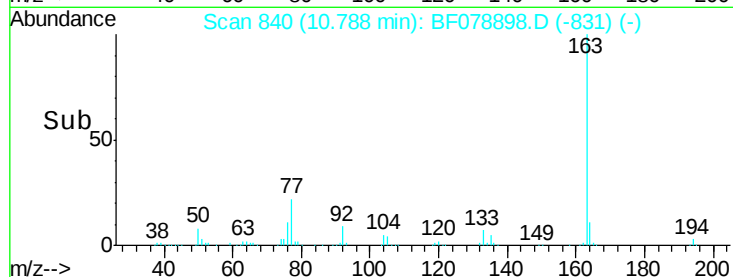
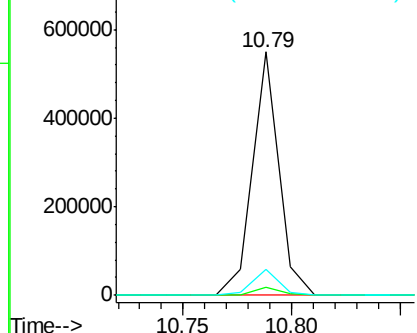
#49
Dimethylphthalate
Concen: 44.20 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion:163 Resp: 462171
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.1 12.1

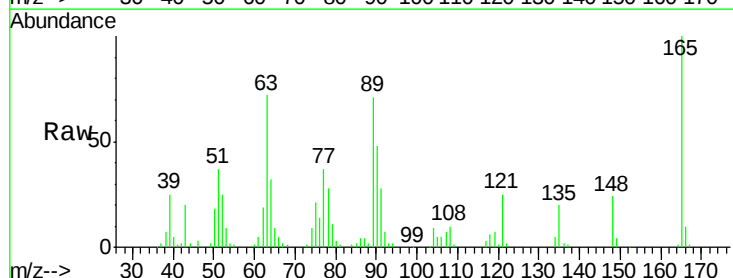


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

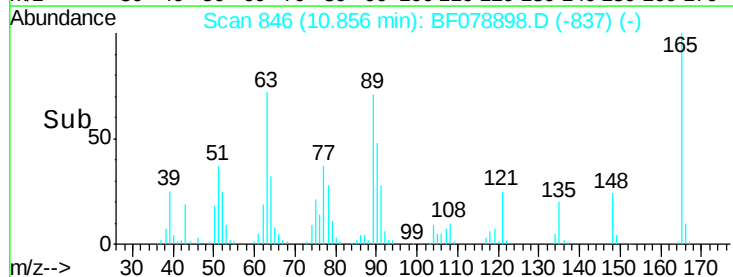
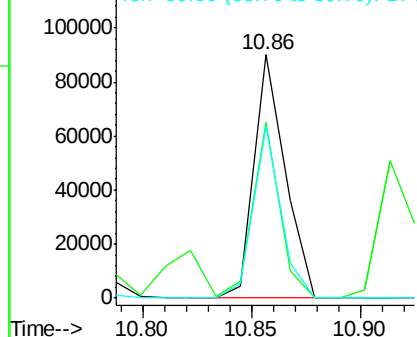


#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion:165 Resp: 89552
Ion Ratio Lower Upper
165 100
63 72.4 54.4 81.6
89 70.5 55.7 83.5



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

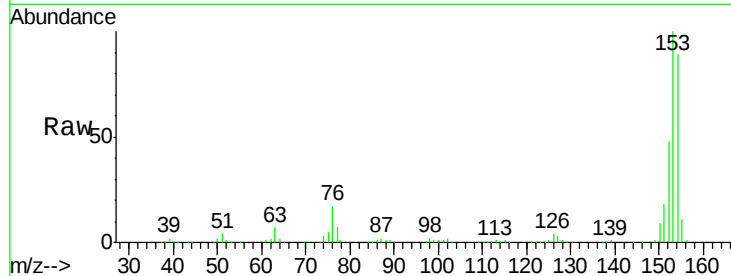




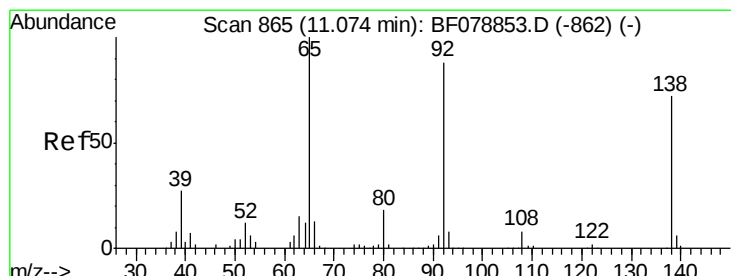
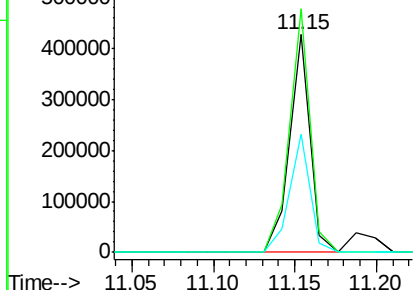
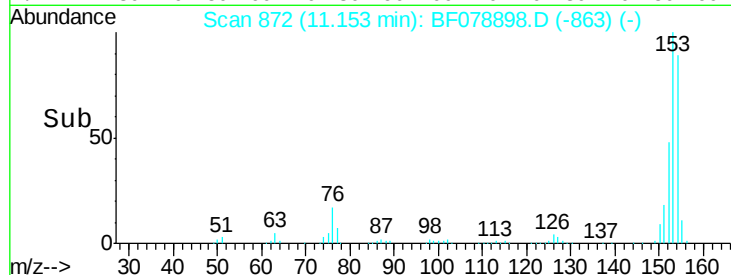
#51
Acenaphthene
Concen: 43.15 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion:154 Resp: 373308
Ion Ratio Lower Upper
154 100
153 111.8 91.5 137.3
152 54.2 44.2 66.4

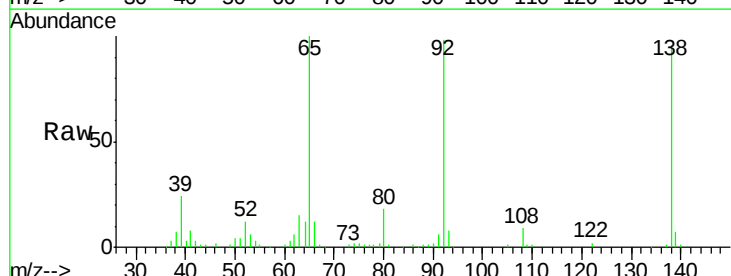


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

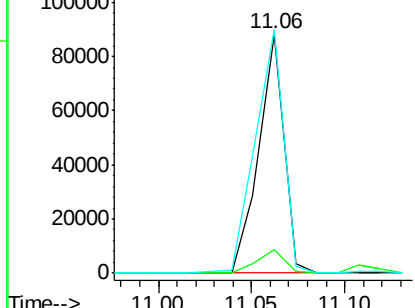
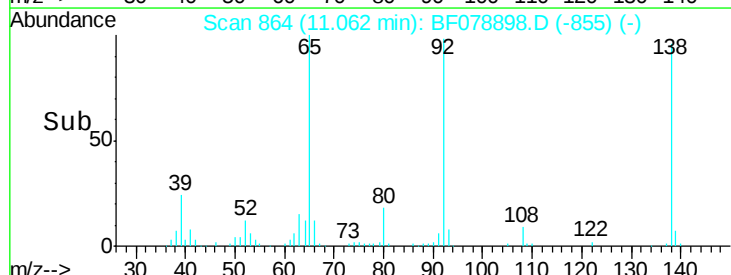


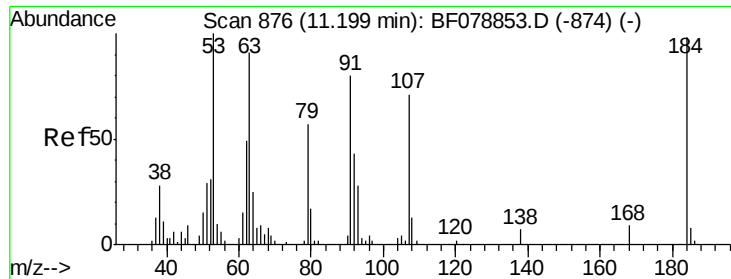
#52
3-Nitroaniline
Concen: 32.12 ng
RT: 11.06 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion:138 Resp: 82804
Ion Ratio Lower Upper
138 100
108 9.9 10.6 16.0#
92 102.1 81.8 122.6



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

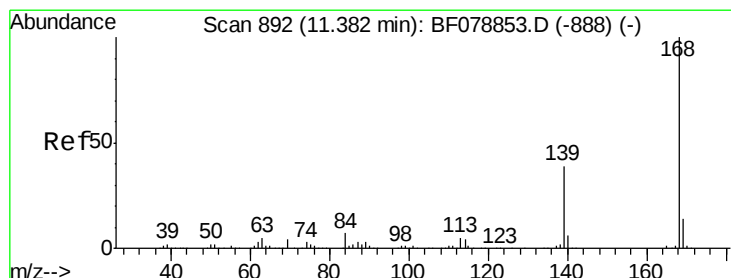
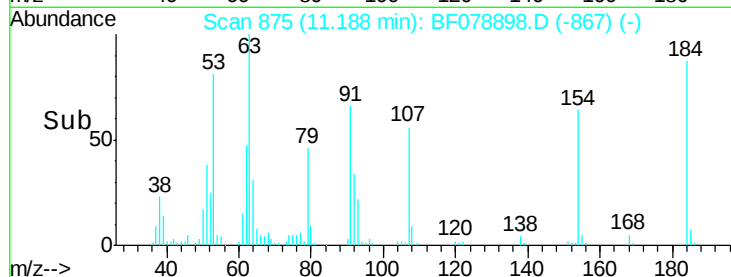
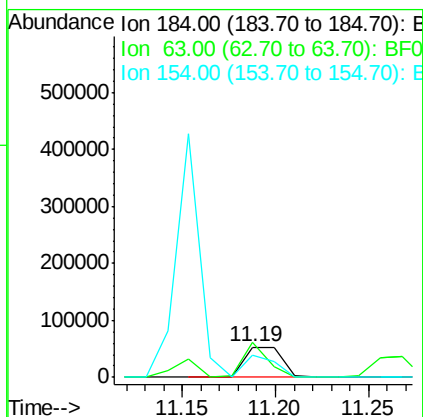
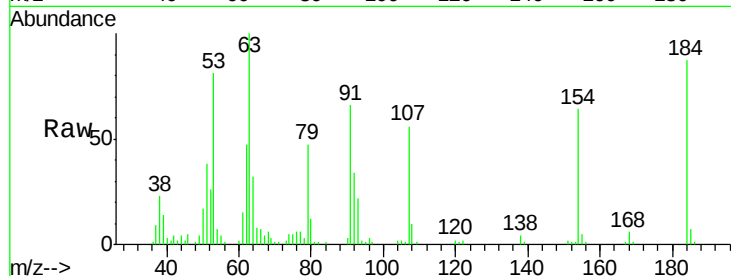




#53
 2,4-Dinitrophenol
 Concen: 82.73 ng
 RT: 11.19 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

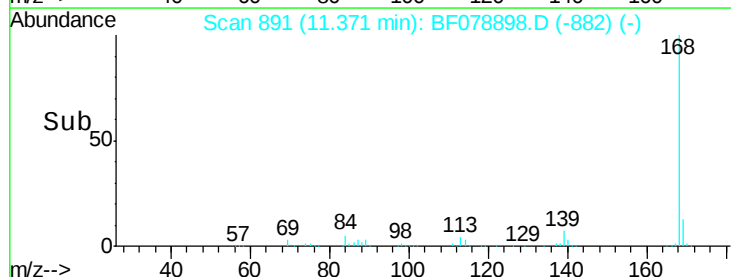
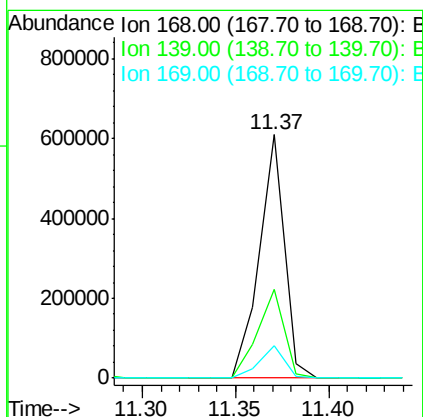
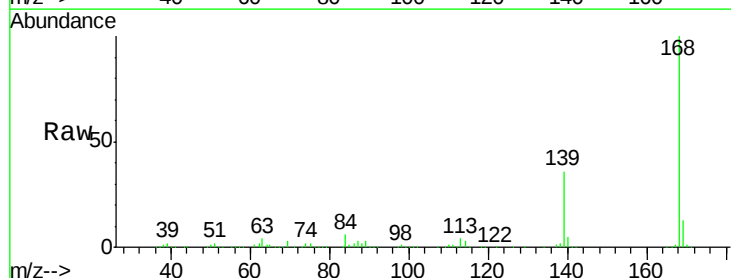
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

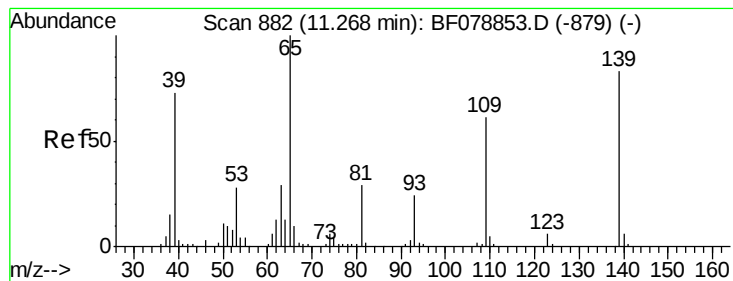
Tgt Ion:184 Resp: 74268
 Ion Ratio Lower Upper
 184 100
 63 115.6 63.3 94.9#
 154 73.7 53.8 80.6



#54
 Dibenzofuran
 Concen: 45.25 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:168 Resp: 565401
 Ion Ratio Lower Upper
 168 100
 139 36.5 31.0 46.4
 169 13.2 10.6 16.0





#55

4-Nitrophenol

Concen: 96.16 ng

RT: 11.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

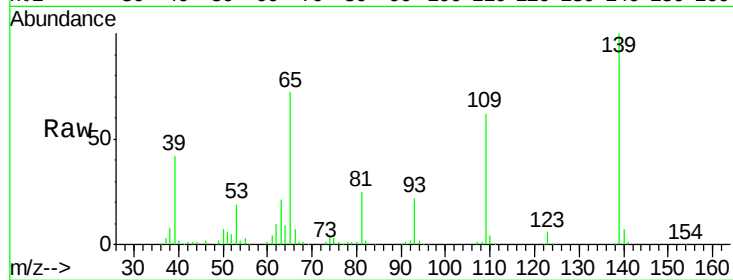
Tgt Ion:139 Resp: 196185

Ion Ratio Lower Upper

139 100

109 62.3 47.6 87.6

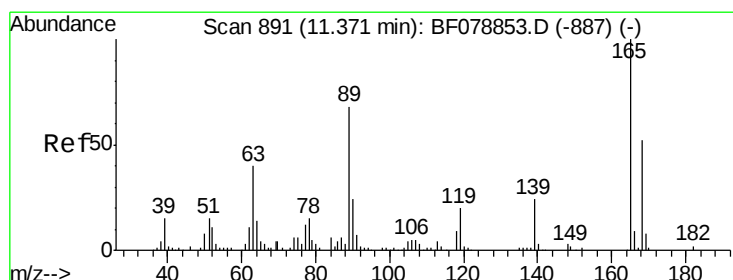
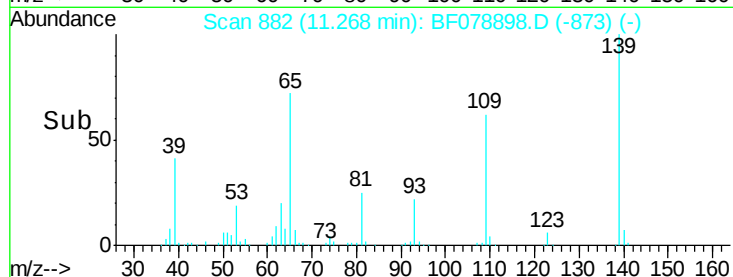
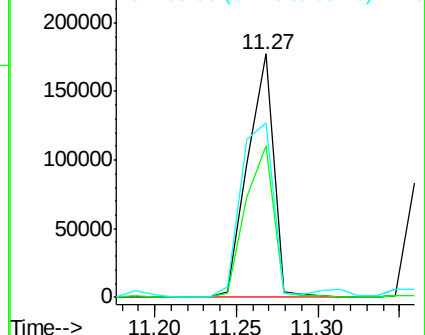
65 71.7 54.3 94.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.73 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Tgt Ion:165 Resp: 132937

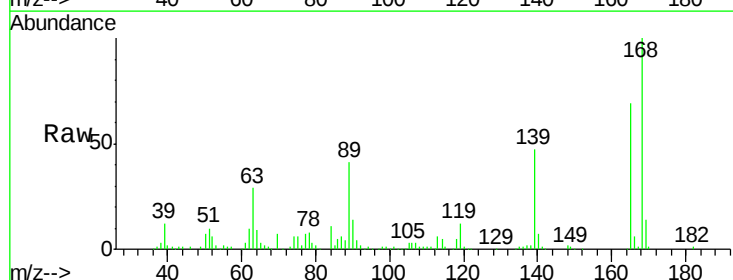
Ion Ratio Lower Upper

165 100

63 41.8 51.2 76.8#

89 59.3 82.7 124.1#

182 2.2 1.4 2.2#

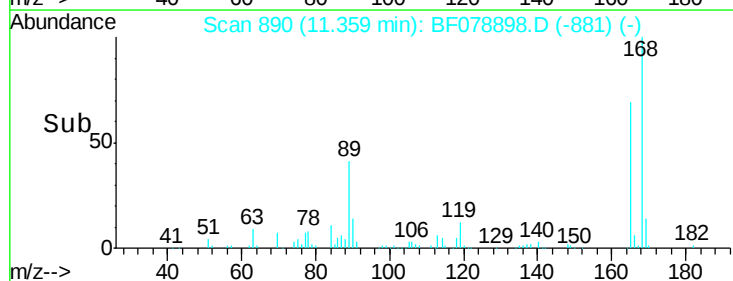
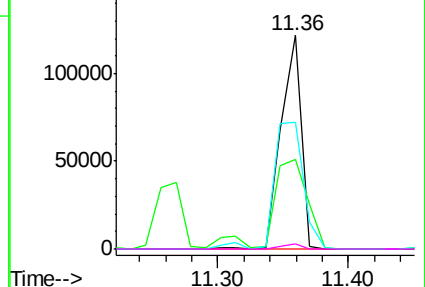


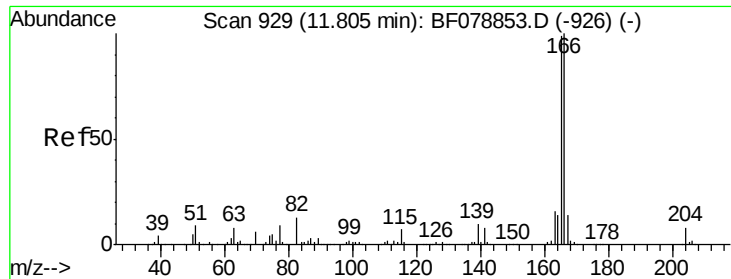
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.90 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

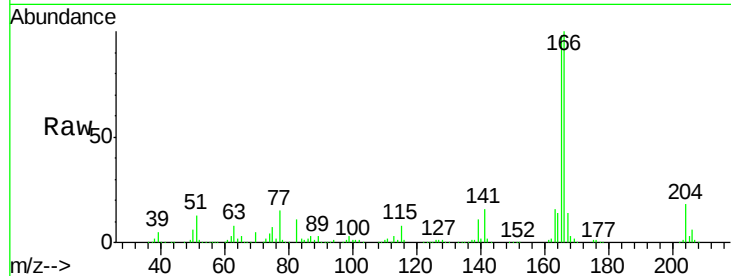
Tgt Ion:166 Resp: 460514

Ion Ratio Lower Upper

166 100

165 97.7 78.5 117.7

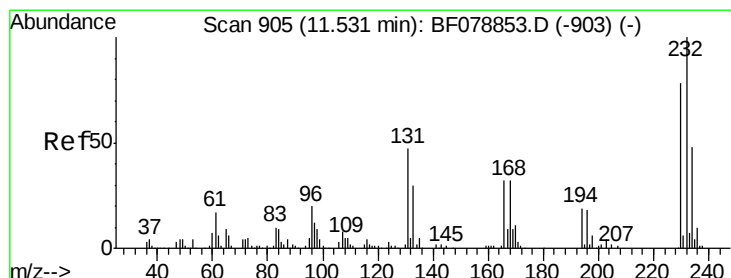
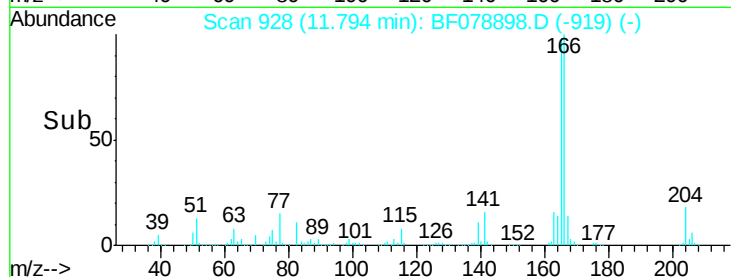
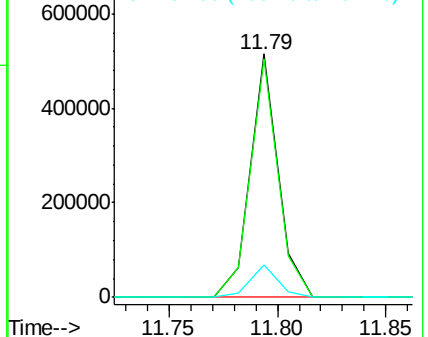
167 13.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.44 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Tgt Ion:232 Resp: 105846

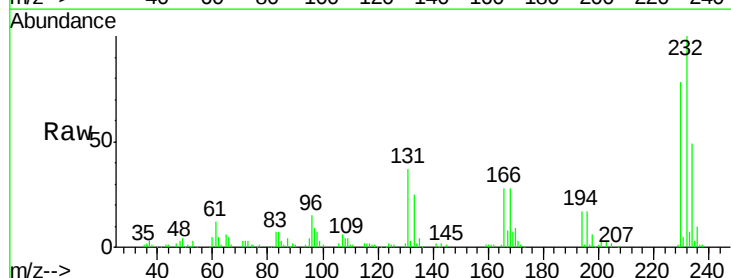
Ion Ratio Lower Upper

232 100

131 50.6 0.0 0.0#

130 2.4 0.0 0.0#

166 33.5 0.0 0.0#

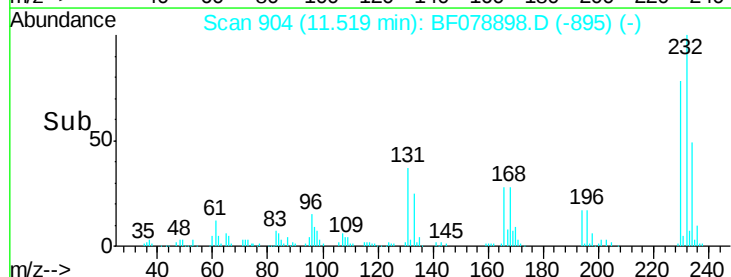
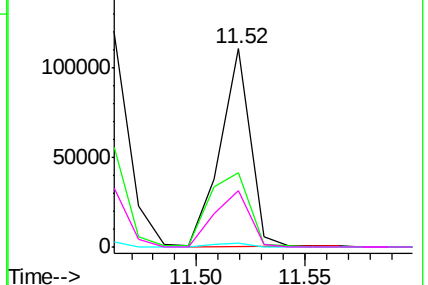


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.34 ng

RT: 11.67 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

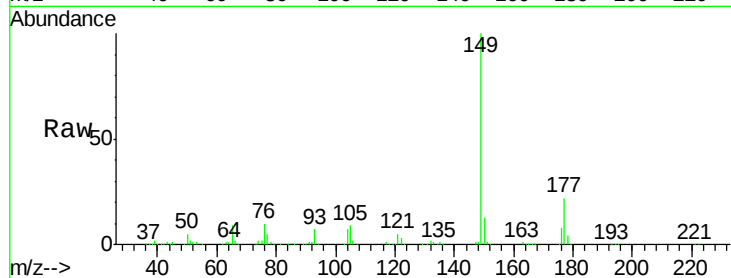
Tgt Ion:149 Resp: 469704

Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

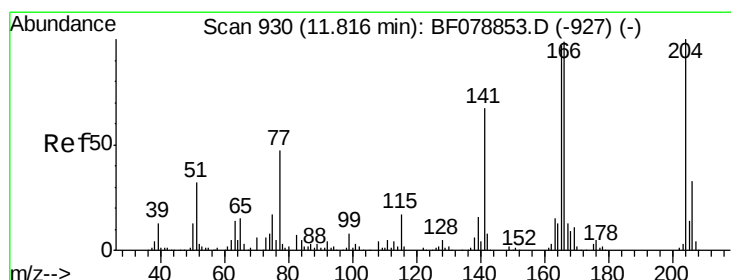
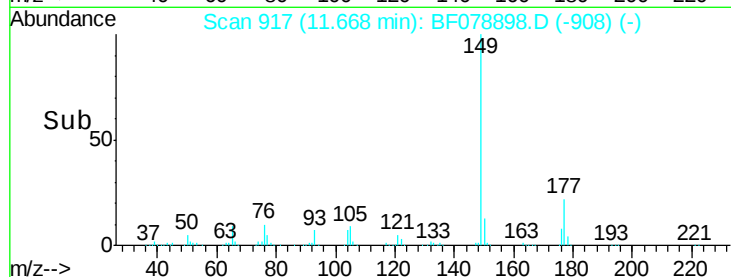
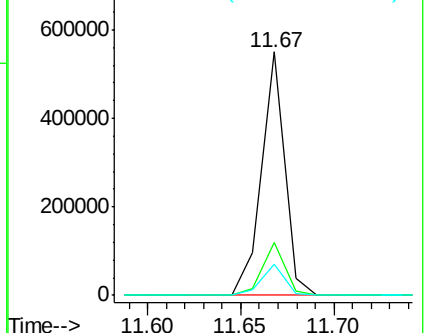
150 12.6 9.6 14.4



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: 43.99 ng

RT: 11.80 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

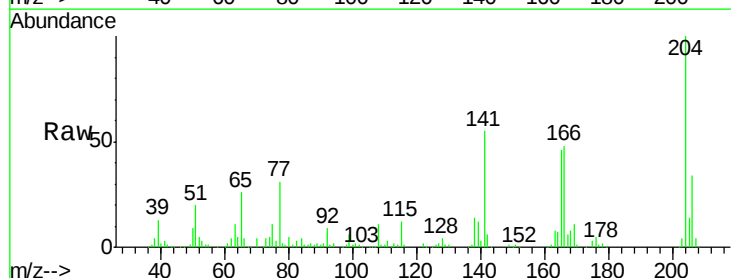
Tgt Ion:204 Resp: 200124

Ion Ratio Lower Upper

204 100

206 33.5 26.9 40.3

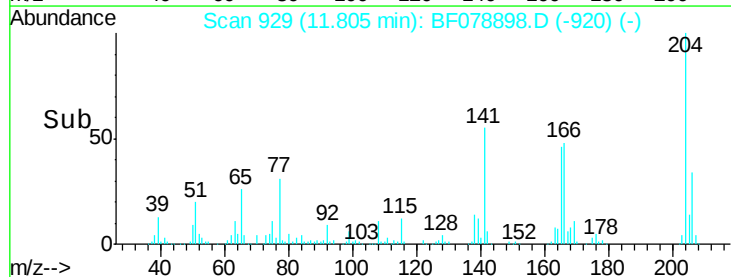
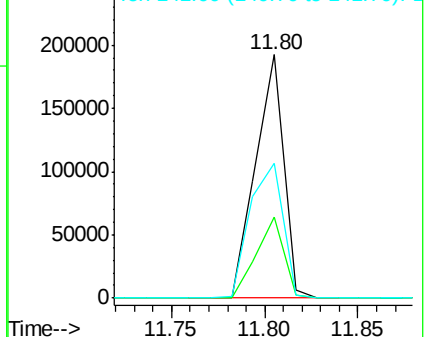
141 55.4 48.3 72.5



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

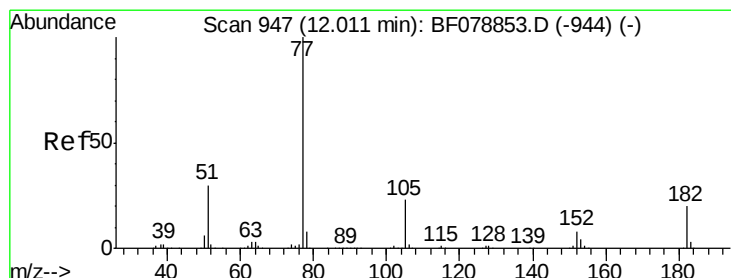
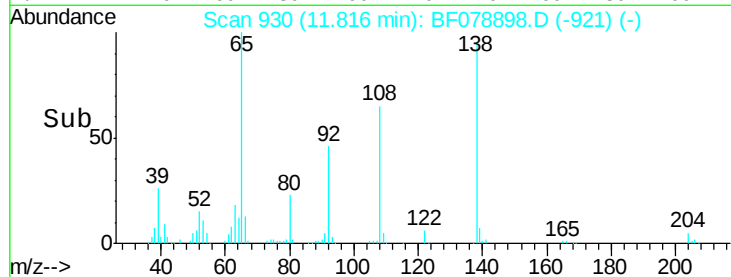
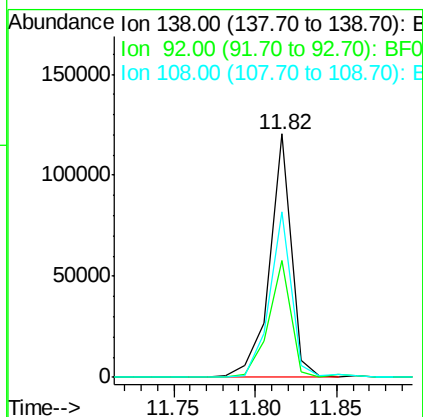
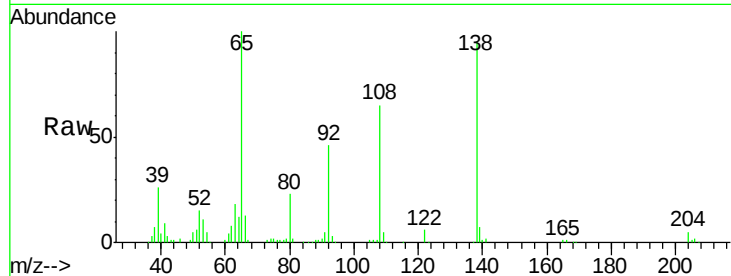




#61
4-Nitroaniline
Concen: 43.51 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

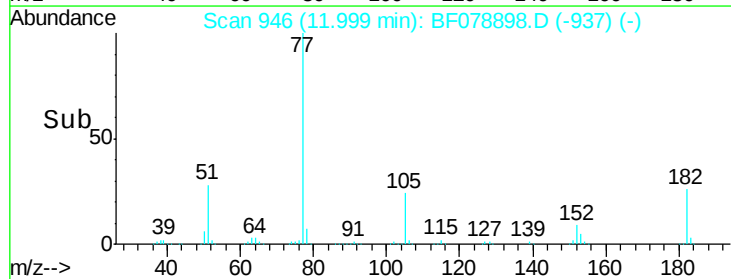
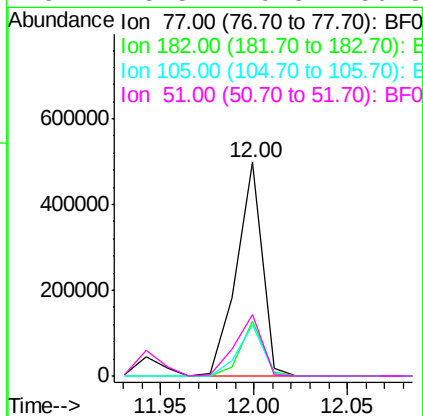
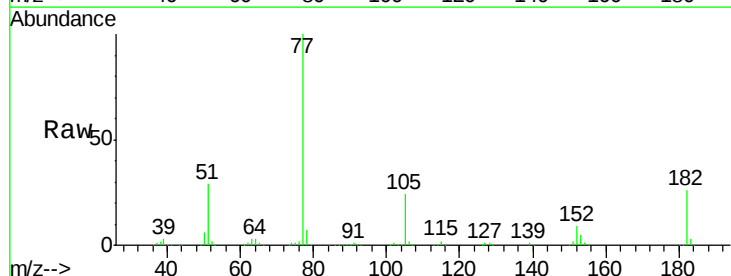
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

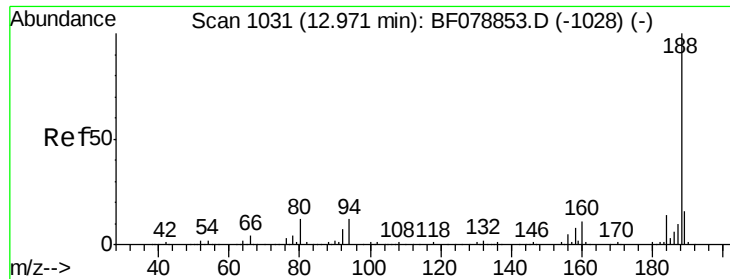
Tgt Ion:138 Resp: 112209
Ion Ratio Lower Upper
138 100
92 48.1 28.0 68.0
108 68.2 56.3 96.3



#62
Azobenzene
Concen: 47.33 ng
RT: 12.00 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion: 77 Resp: 483110
Ion Ratio Lower Upper
77 100
182 25.6 3.8 43.8
105 24.2 3.9 43.9
51 28.5 10.8 50.8

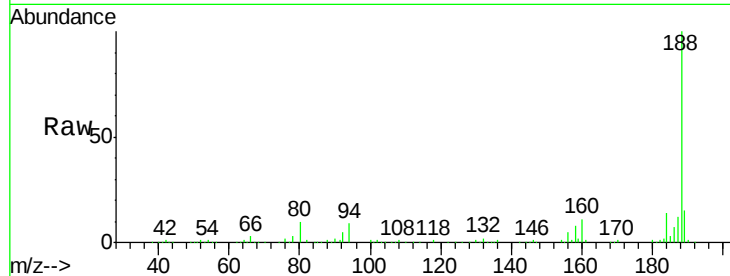




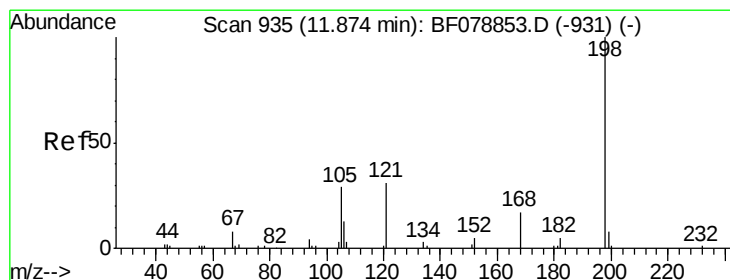
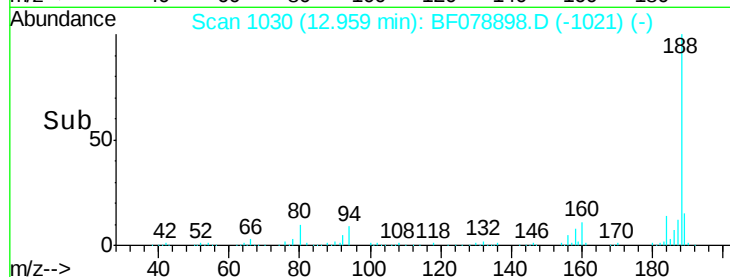
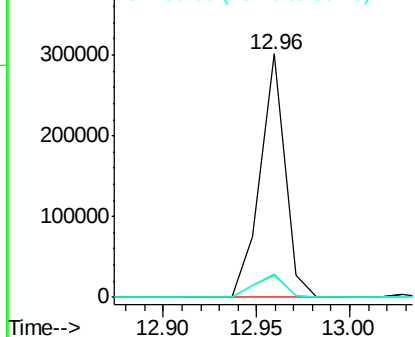
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion:188 Resp: 277636
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.9 8.9 13.3

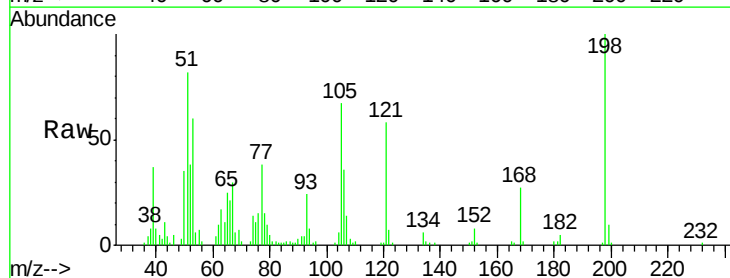


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

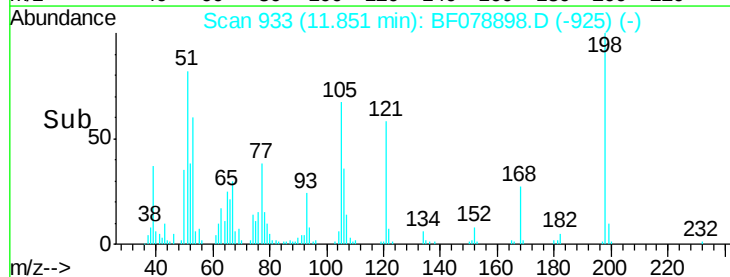
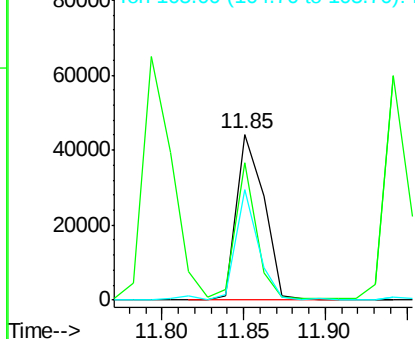


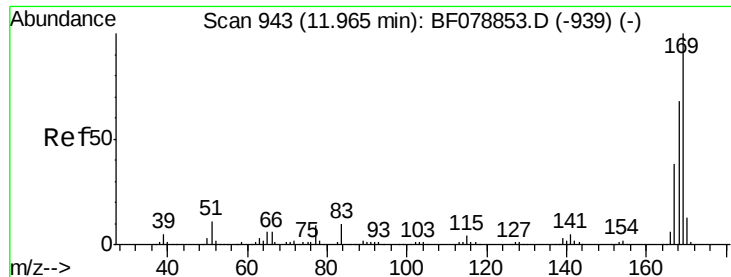
#64
4,6-Dinitro-2-methylphenol
Concen: 45.21 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion:198 Resp: 51097
Ion Ratio Lower Upper
198 100
51 82.5 47.3 87.3
105 66.5 38.8 78.8



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

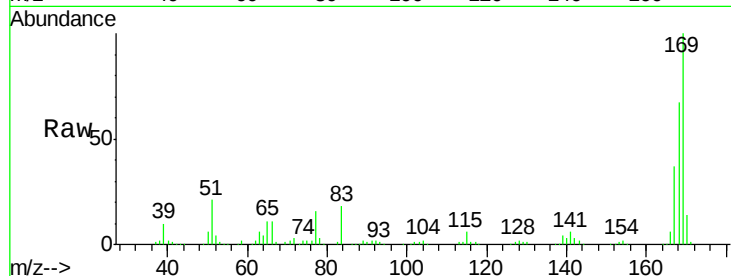




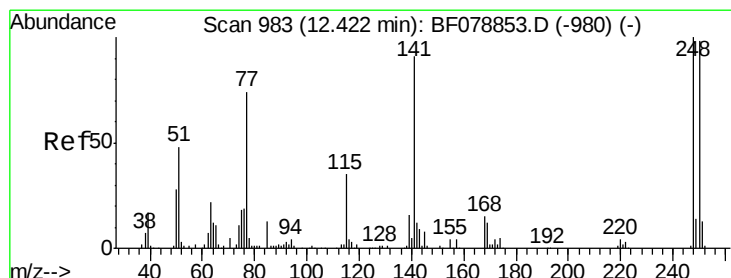
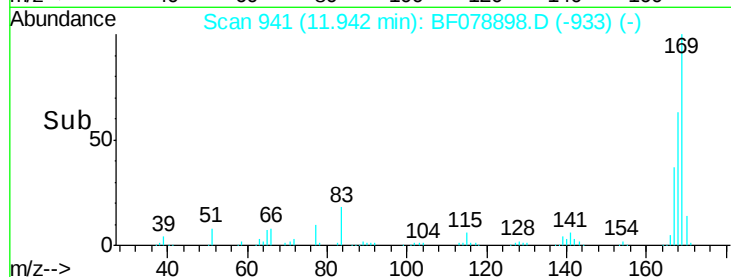
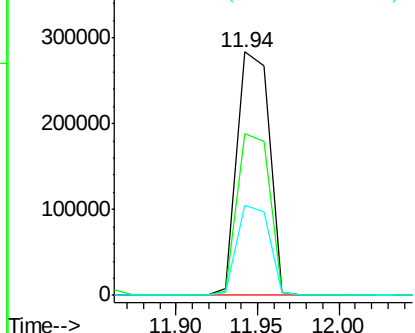
#65
 n-Nitrosodiphenylamine
 Concen: 41.71 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tgt Ion:169 Resp: 385628
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.6 82.0
 167 37.1 30.6 45.8

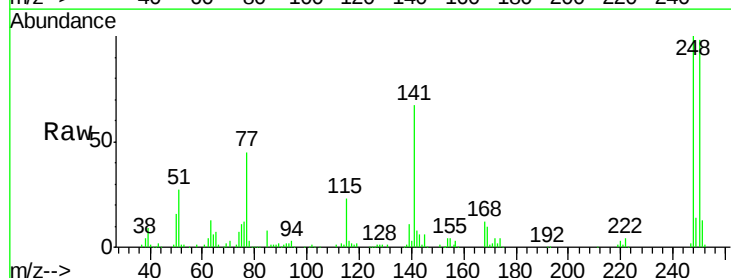


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

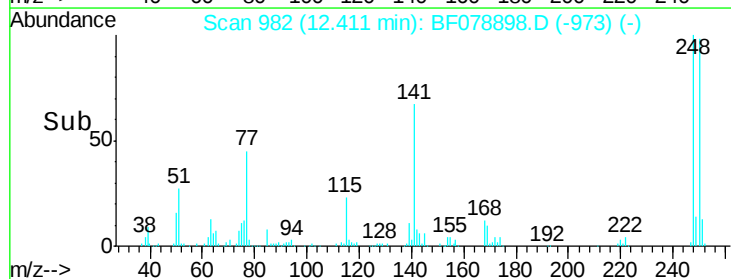
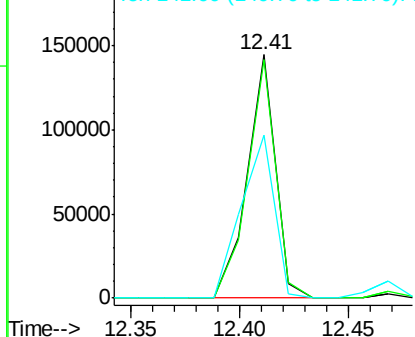


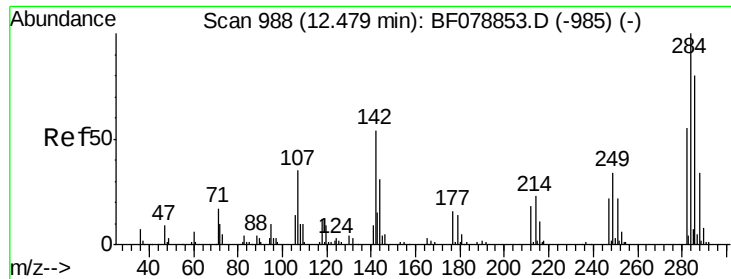
#66
 4-Bromophenyl-phenylether
 Concen: 44.89 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:248 Resp: 129919
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 66.7 58.8 88.2



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

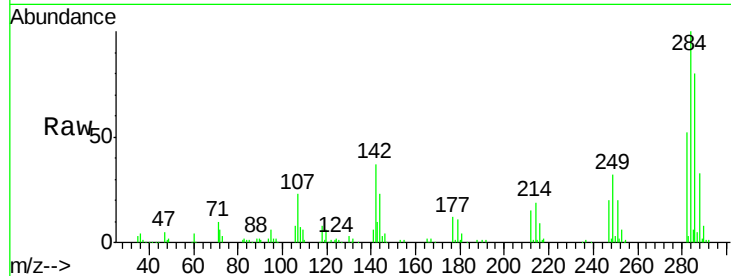




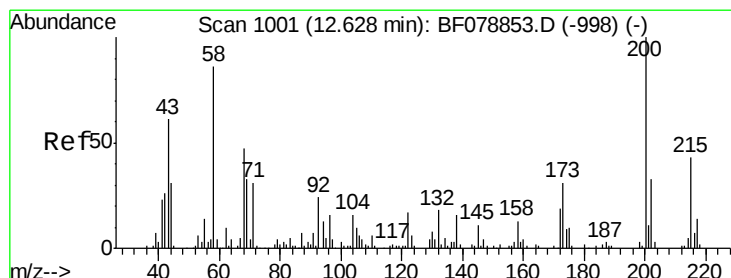
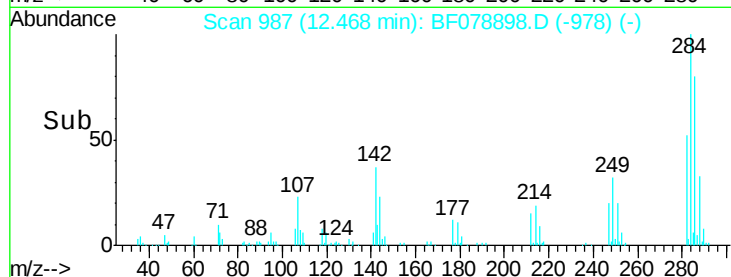
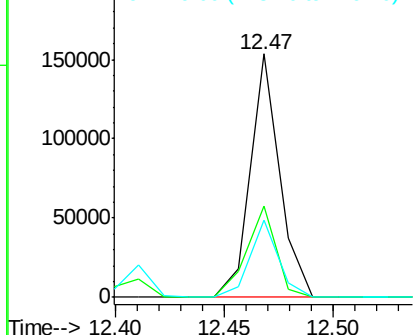
#67
Hexachlorobenzene
Concen: 43.25 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion:284 Resp: 143059
Ion Ratio Lower Upper
284 100
142 37.4 35.2 52.8
249 31.7 25.4 38.2

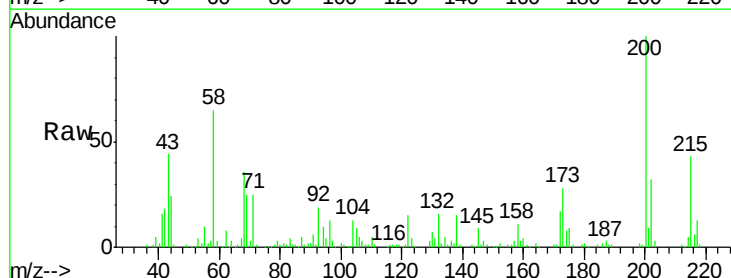


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

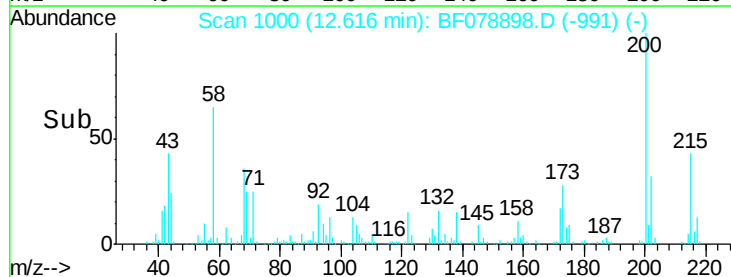
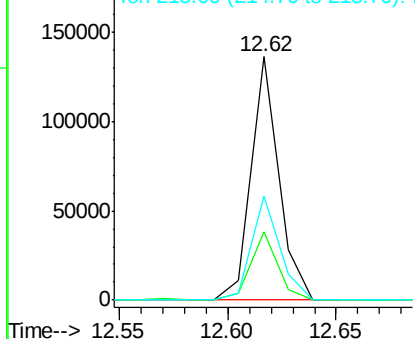


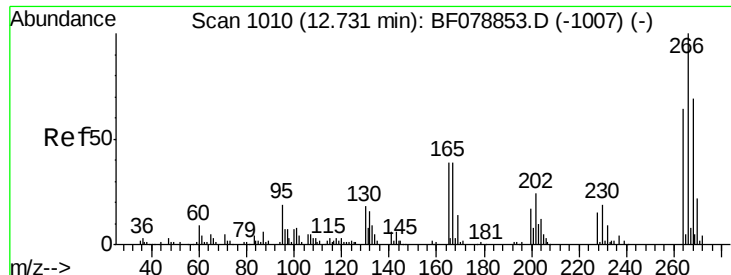
#68
Atrazine
Concen: 44.86 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion:200 Resp: 120603
Ion Ratio Lower Upper
200 100
173 28.3 8.1 48.1
215 42.7 22.9 62.9



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

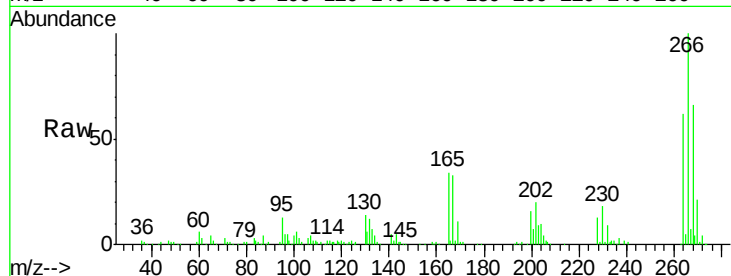




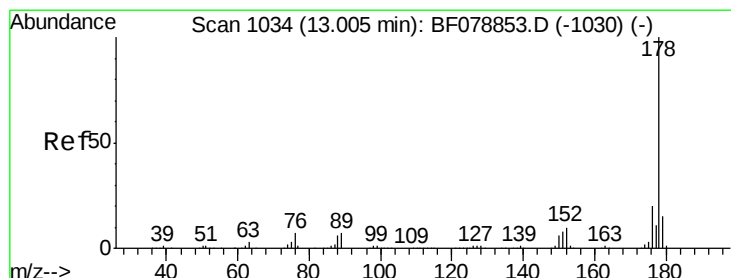
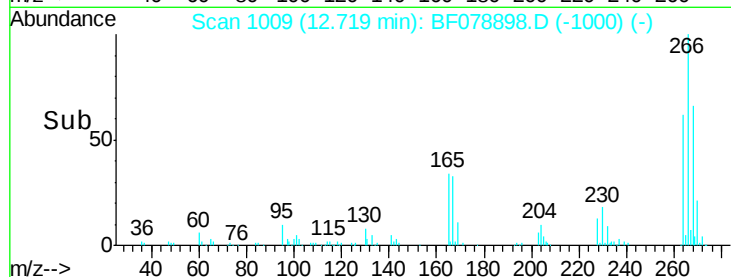
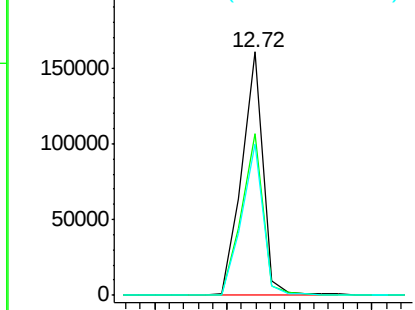
#69
 Pentachlorophenol
 Concen: 84.59 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tgt Ion: 266 Resp: 164535
 Ion Ratio Lower Upper
 266 100
 268 66.3 55.0 82.6
 264 62.1 48.2 72.2

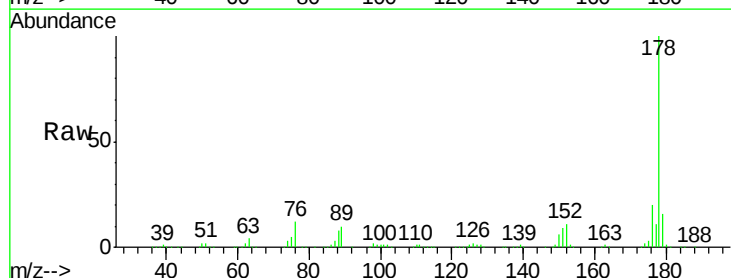


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

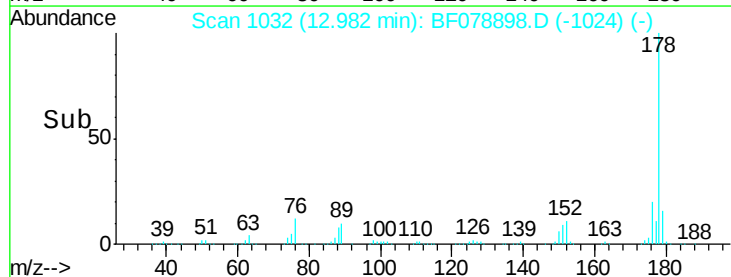
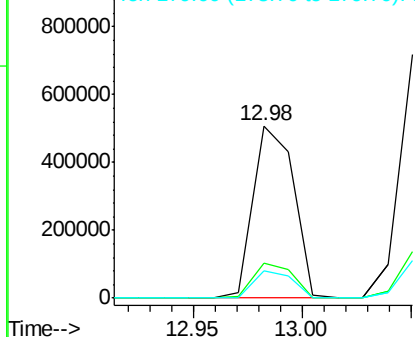


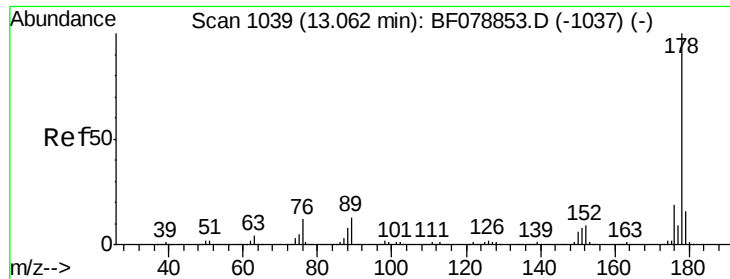
#70
 Phenanthrene
 Concen: 42.66 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion: 178 Resp: 662600
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.8 12.5 18.7



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

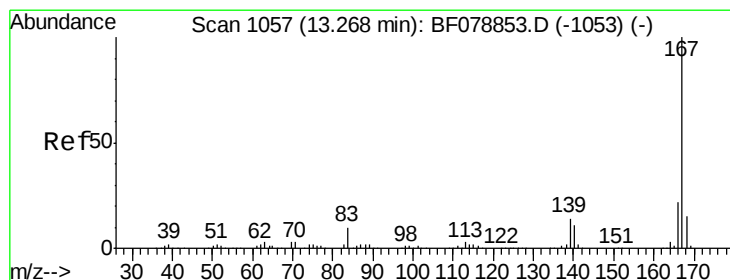
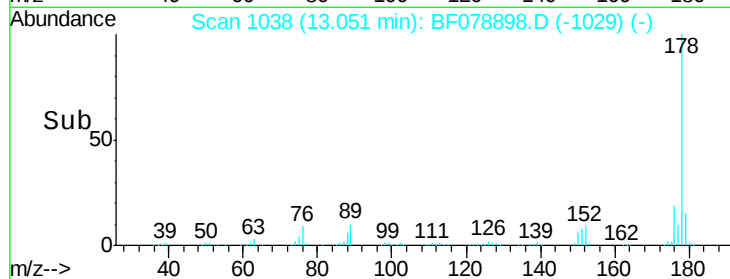
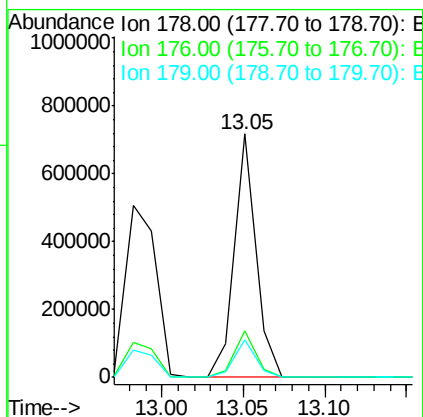
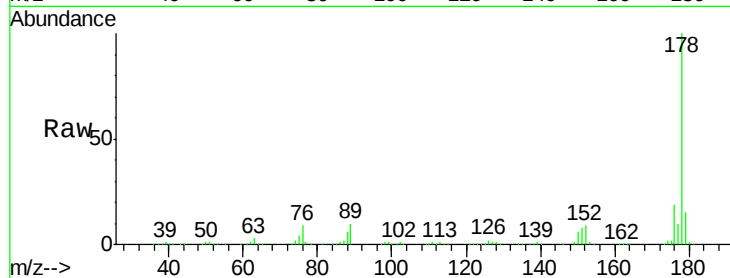




#71
 Anthracene
 Concen: 43.12 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

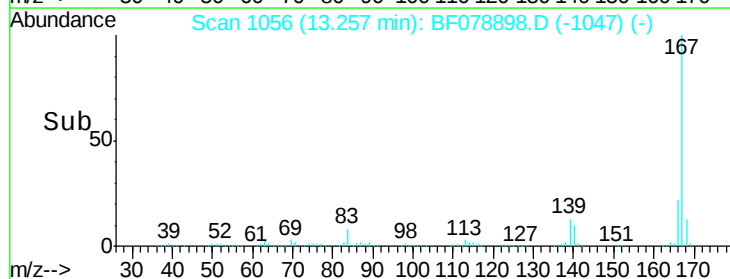
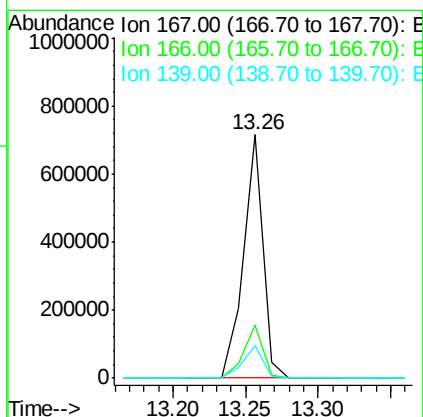
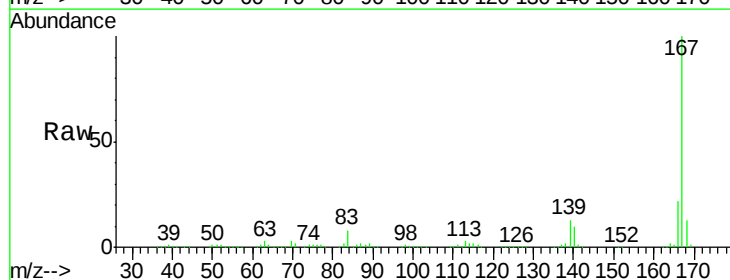
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

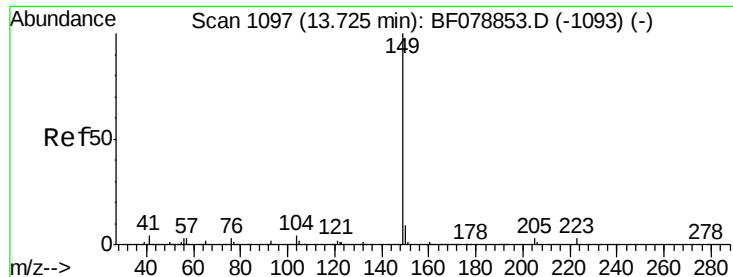
Tgt Ion:178 Resp: 657021
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 45.98 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:167 Resp: 667849
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.3 10.6 16.0

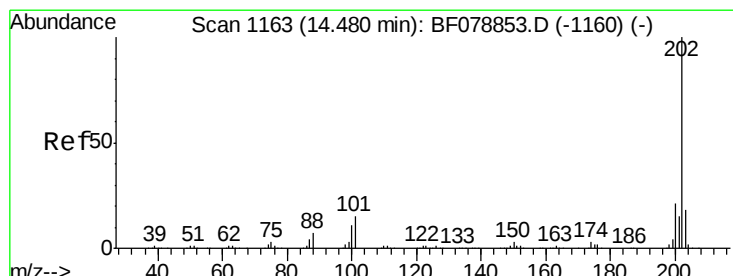
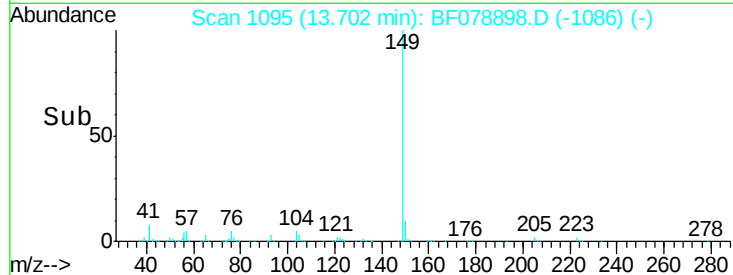
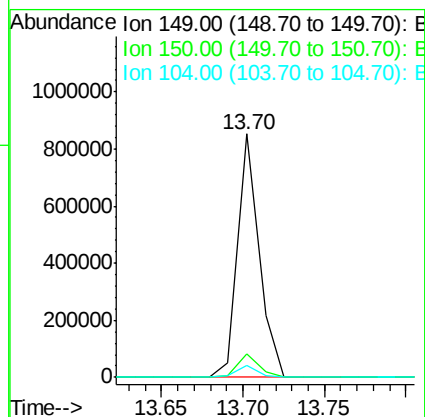
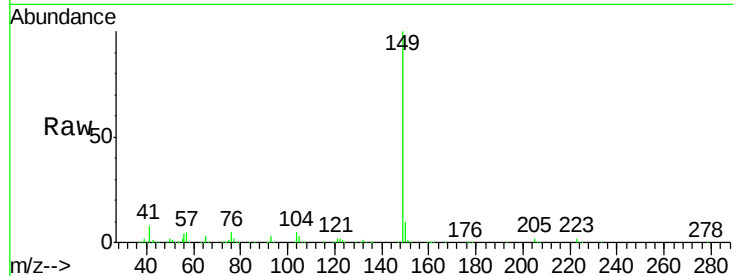




#73
Di-n-butylphthalate
Concen: 44.26 ng
RT: 13.70 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

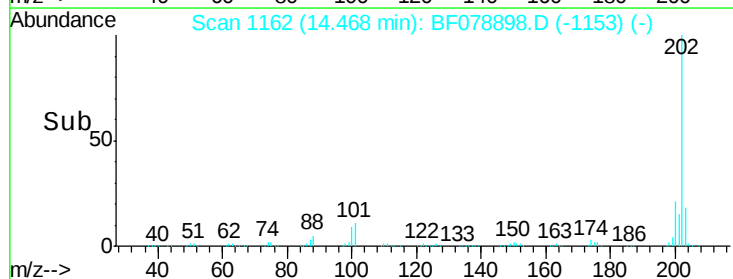
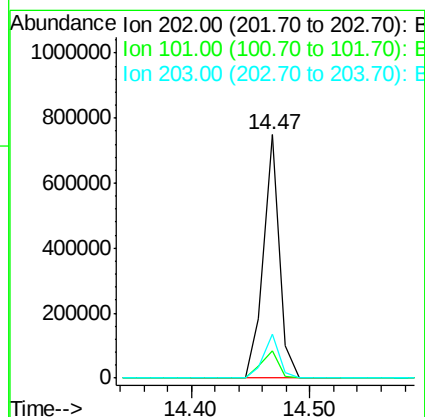
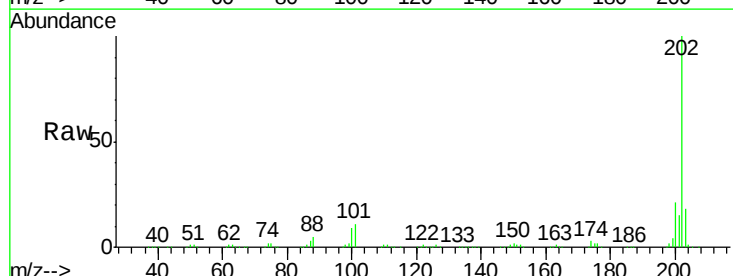
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

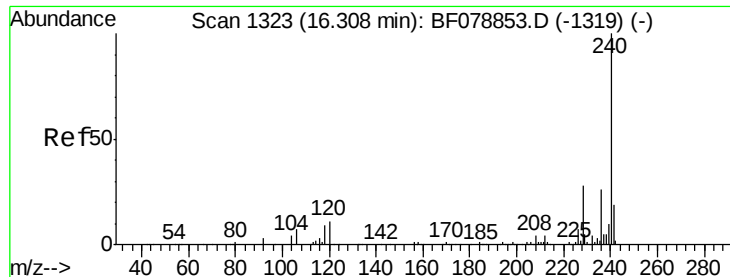
Tgt Ion:149 Resp: 770926
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.2 4.6 7.0



#74
Fluoranthene
Concen: 44.03 ng
RT: 14.47 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion:202 Resp: 712680
Ion Ratio Lower Upper
202 100
101 11.2 0.0 34.6
203 17.8 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

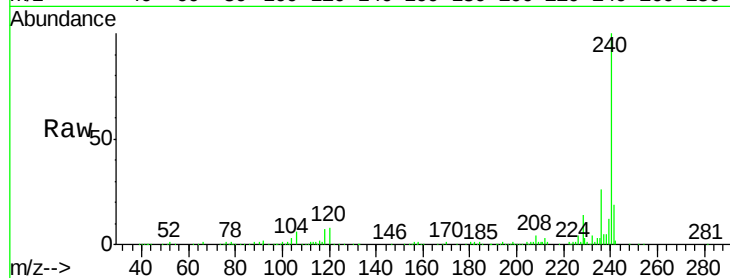
Tgt Ion:240 Resp: 285744

Ion Ratio Lower Upper

240 100

120 8.4 9.7 14.5#

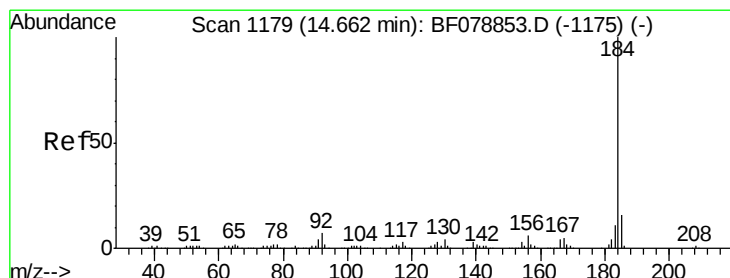
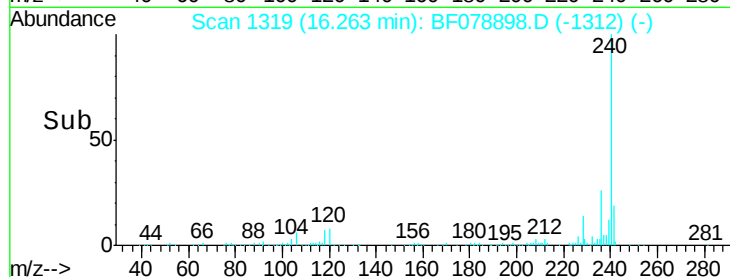
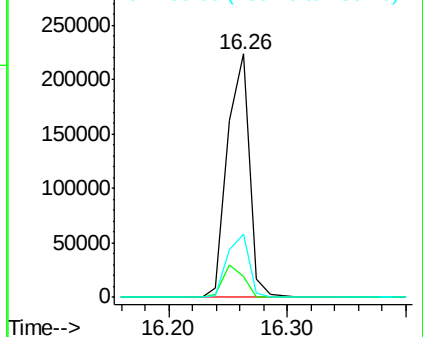
236 25.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.14 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

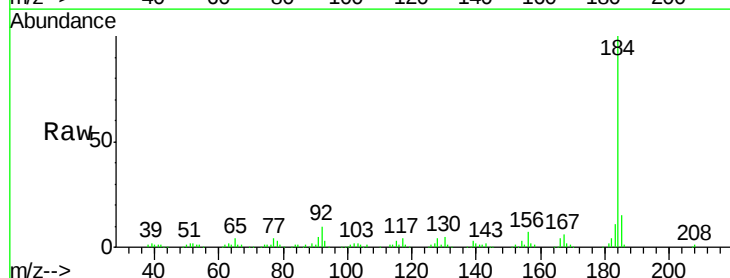
Tgt Ion:184 Resp: 255199

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

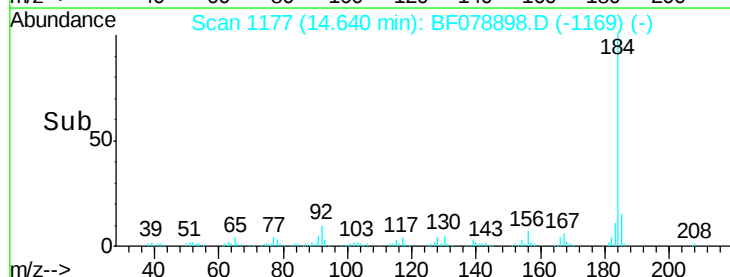
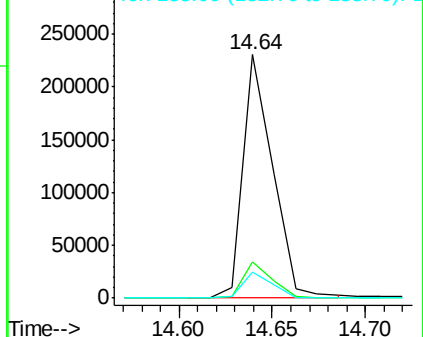
183 10.8 8.4 12.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.19 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

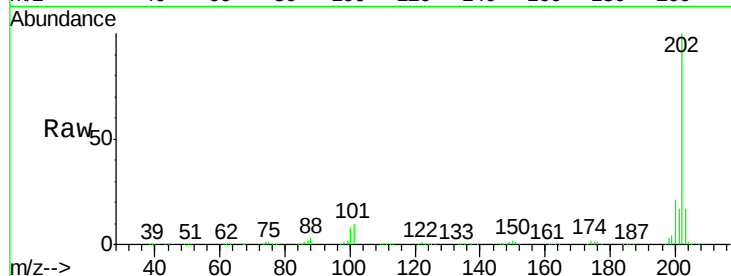
Tgt Ion:202 Resp: 744050

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

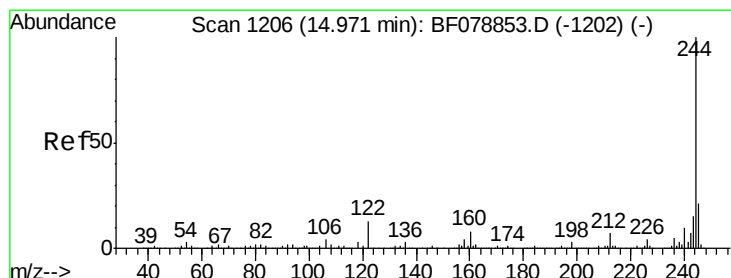
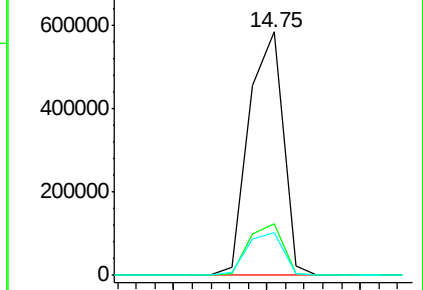
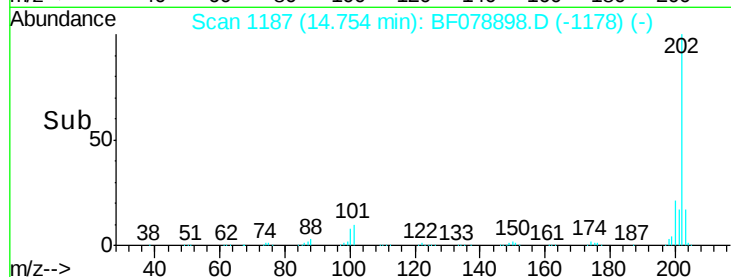
203 17.3 13.9 20.9



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: 86.39 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

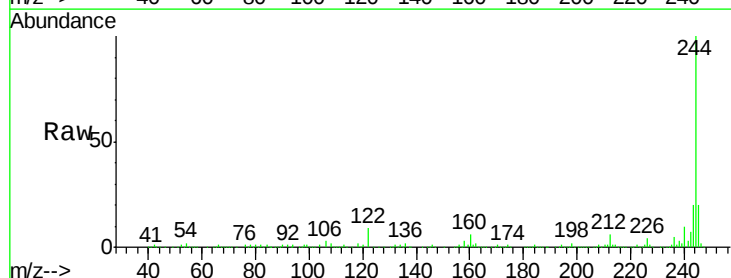
Tgt Ion:244 Resp: 1031102

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

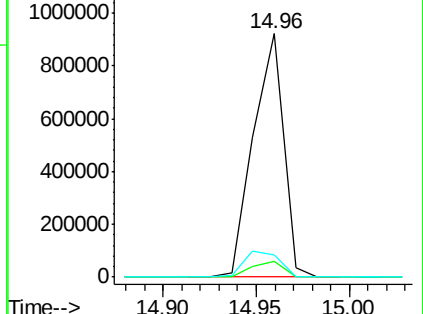
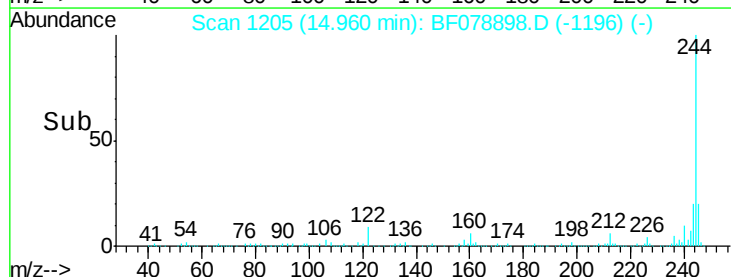
122 9.1 10.3 15.5#



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

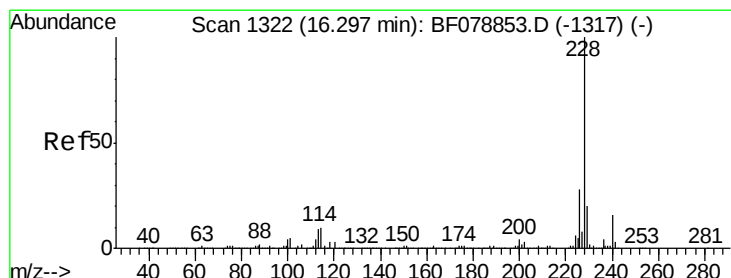
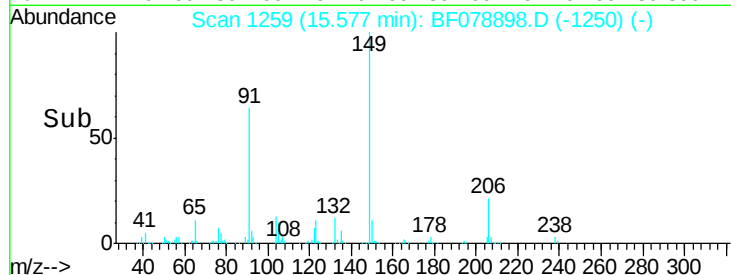
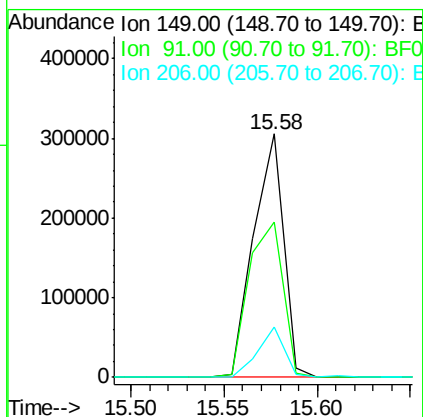
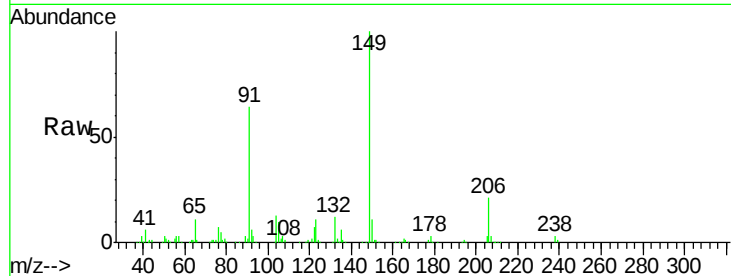




#79
Butylbenzylphthalate
Concen: 47.18 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

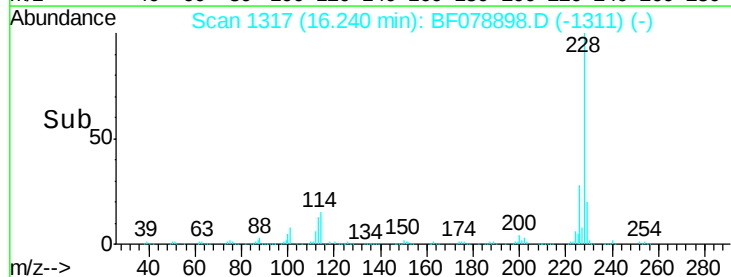
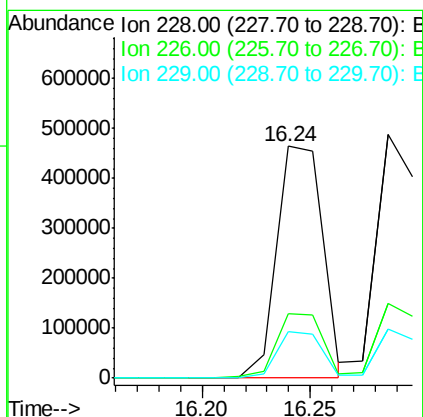
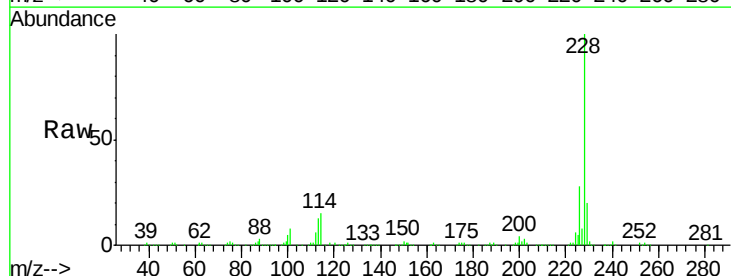
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	64.6	97.0#
206	20.6	12.2	18.4#



#80
Benzo(a)anthracene
Concen: 43.73 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	15.9	23.9

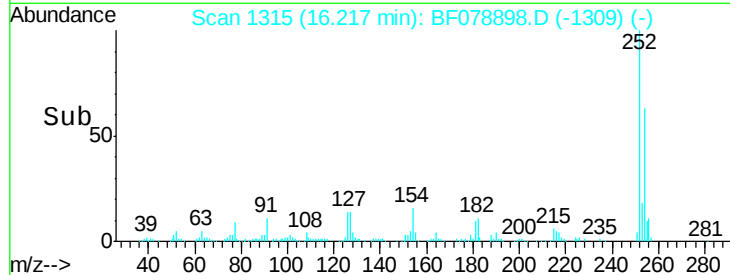
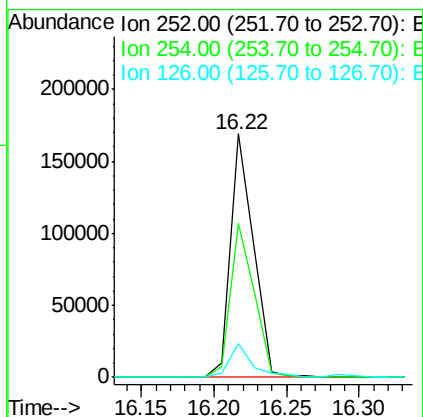
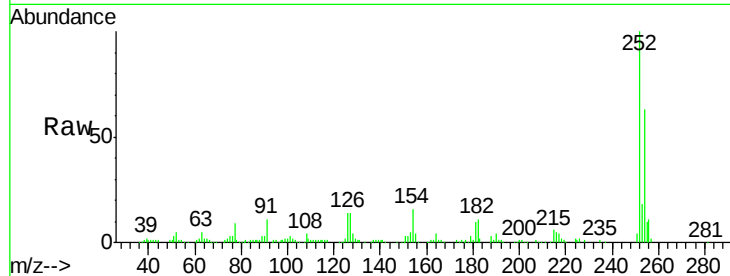




#81
 3,3'-Dichlorobenzidine
 Concen: 33.57 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

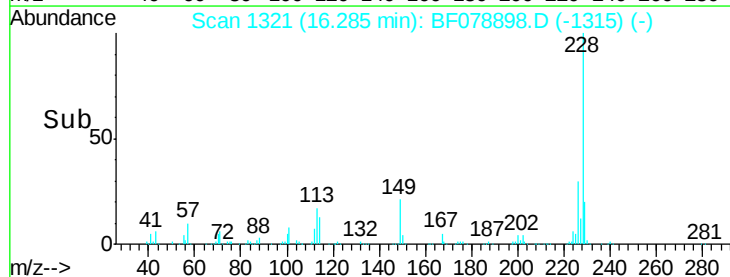
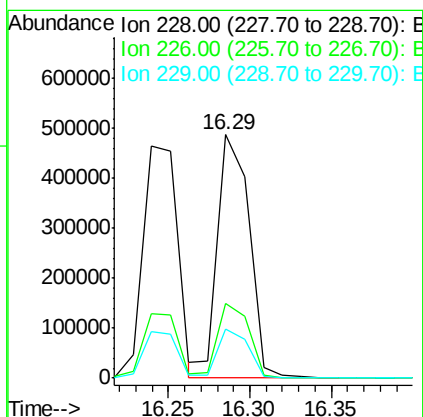
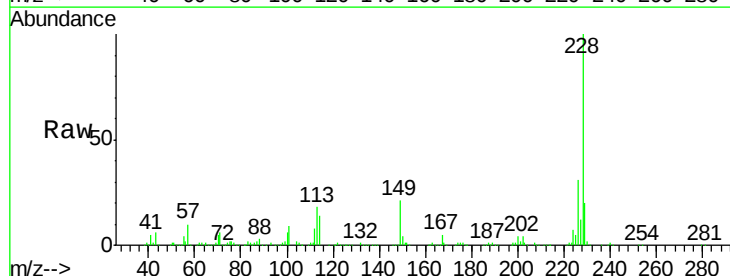
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

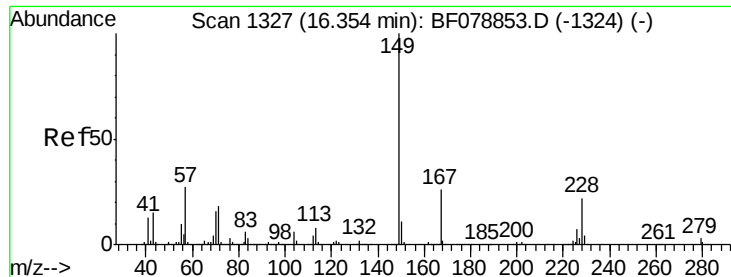
Tgt Ion:252 Resp: 187108
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.3 76.9
 126 13.9 6.6 10.0#



#82
 Chrysene
 Concen: 43.19 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:228 Resp: 649964
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.9 16.0 24.0

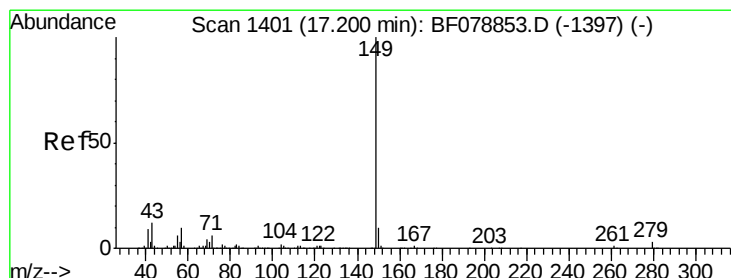
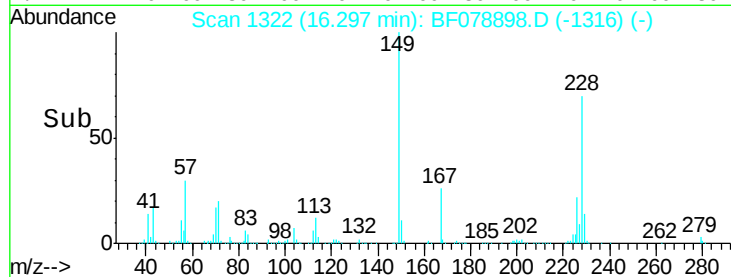
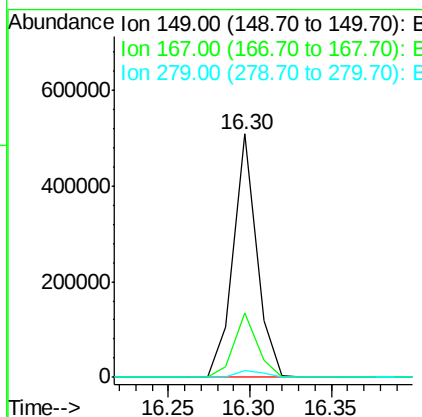
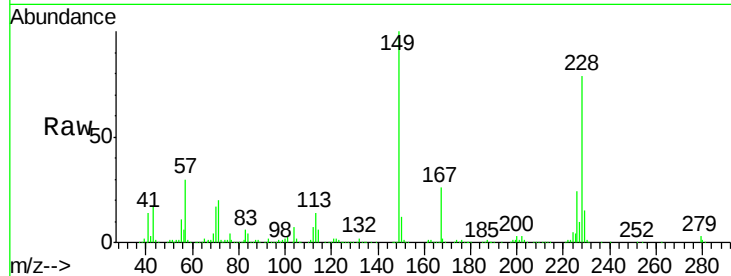




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.40 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.03 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

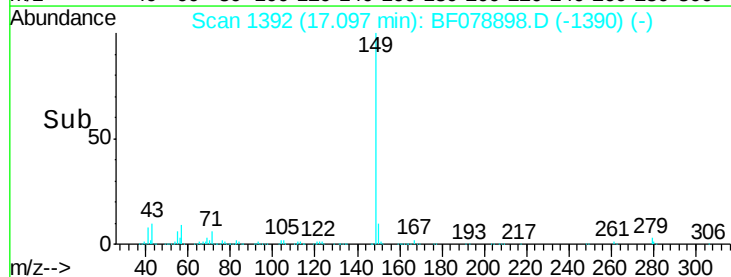
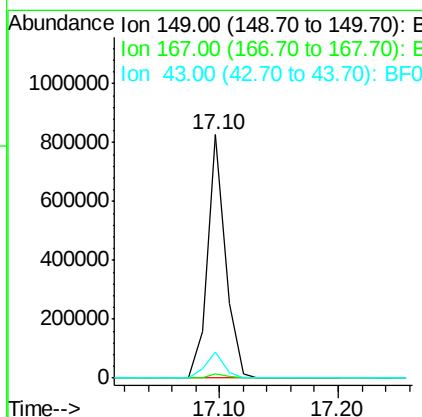
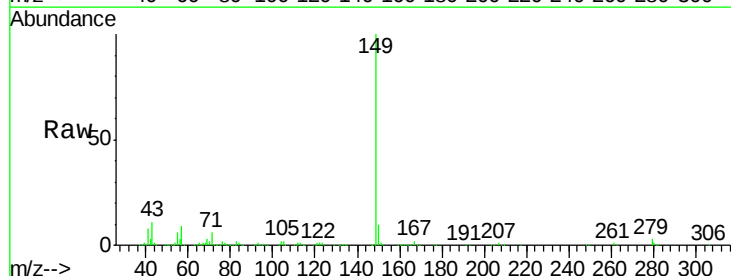
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

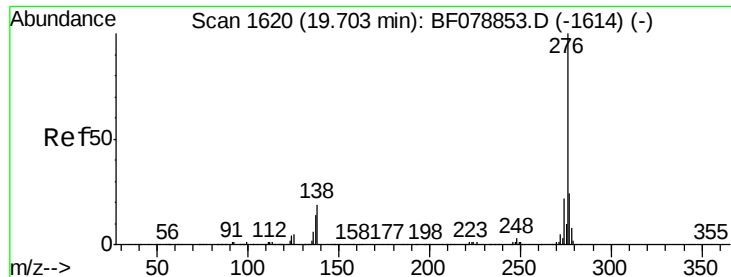
Tgt Ion:149 Resp: 505903
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.8
 279 3.0 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 45.09 ng
 RT: 17.10 min Scan# 1392
 Delta R.T. -0.08 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion:149 Resp: 865841
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.8 0.0 0.0#

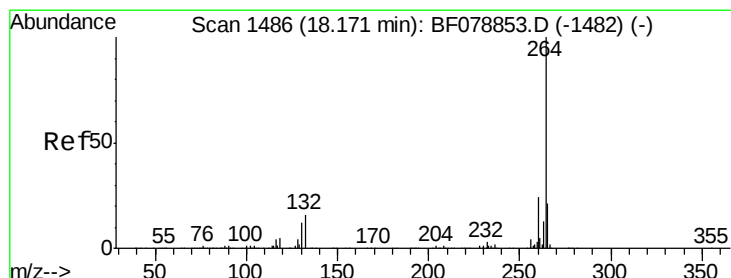
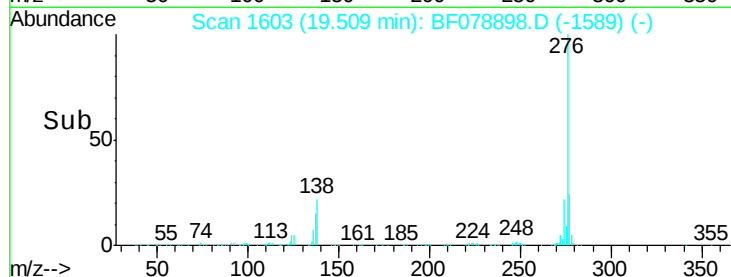
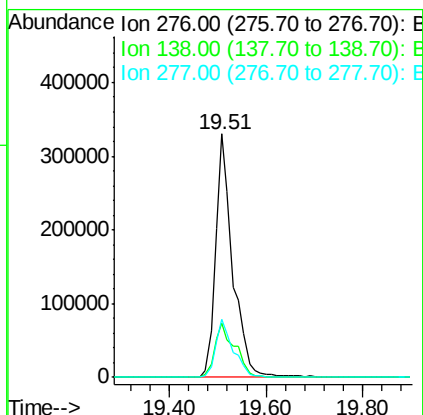
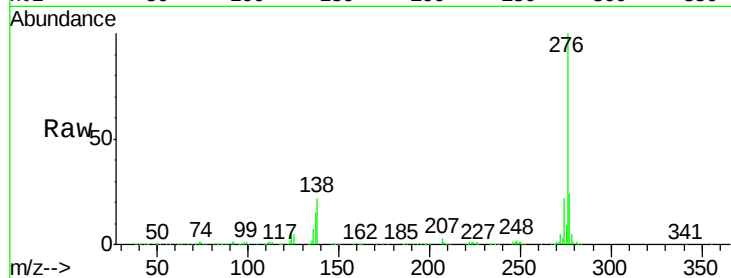




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.02 ng
 RT: 19.51 min Scan# 1603
 Delta R.T. -0.14 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

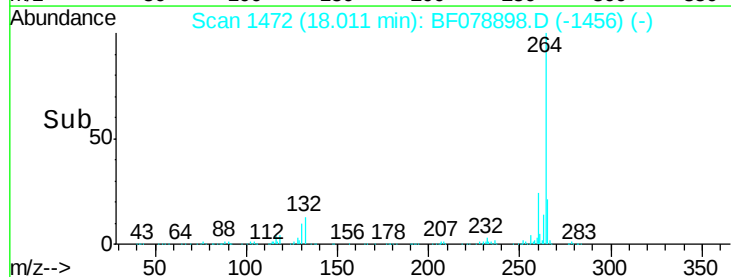
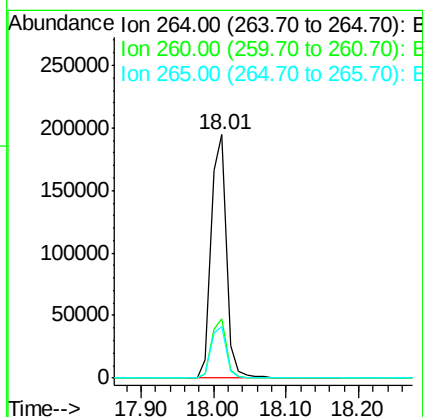
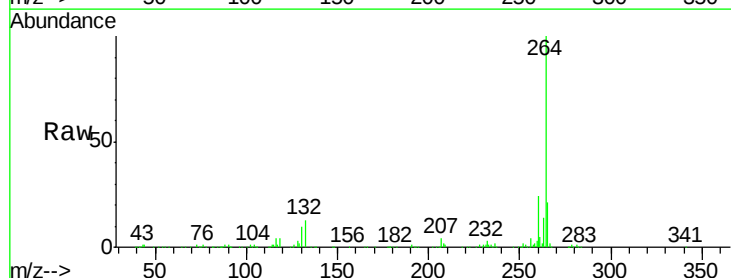
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

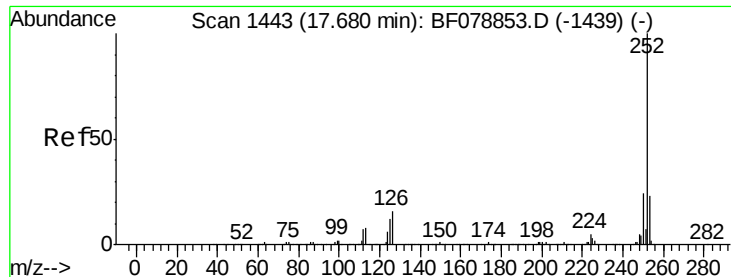
Tgt Ion: 276 Resp: 824913
 Ion Ratio Lower Upper
 276 100
 138 26.5 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.11 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Tgt Ion: 264 Resp: 285129
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 52.16 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.10 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

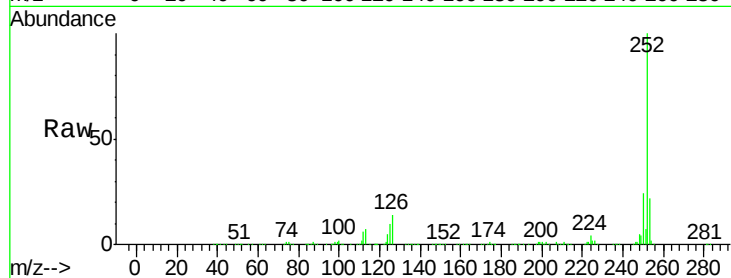
Tgt Ion:252 Resp: 814073

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

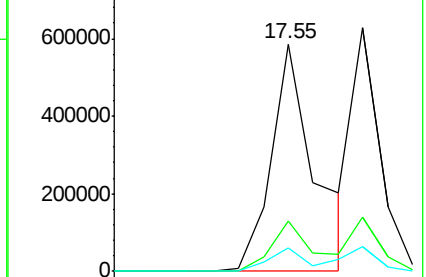
125 10.4 9.5 14.3



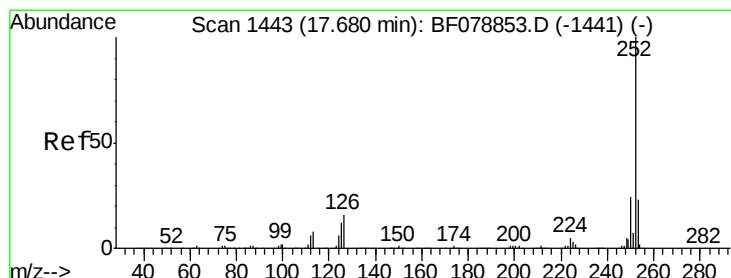
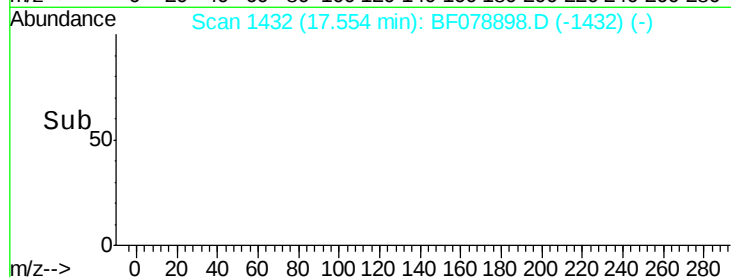
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 53.89 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.14 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

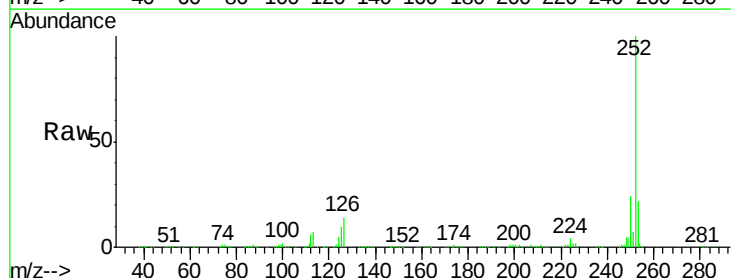
Tgt Ion:252 Resp: 814231

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

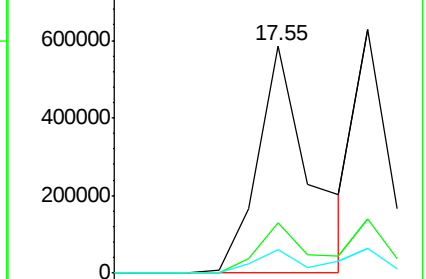
125 10.4 10.0 15.0



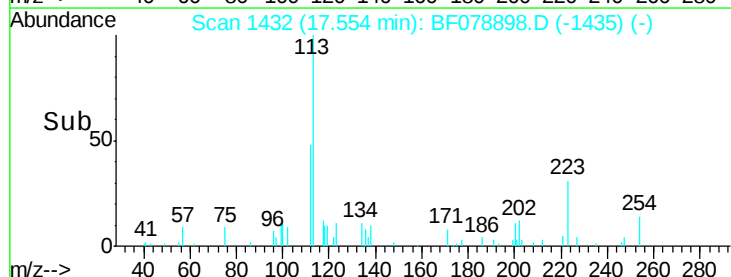
Abundance Ion 252.00 (251.70 to 252.70): E

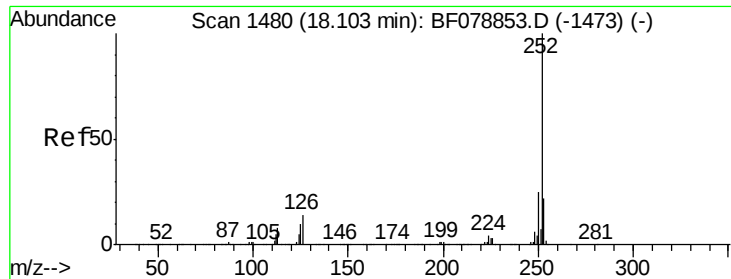
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 47.08 ng

RT: 17.94 min Scan# 1466

Delta R.T. -0.11 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

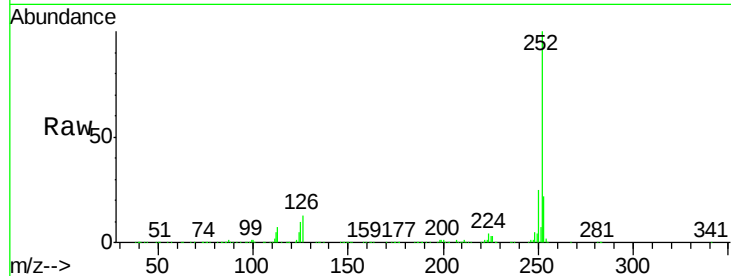
Tgt Ion:252 Resp: 676510

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

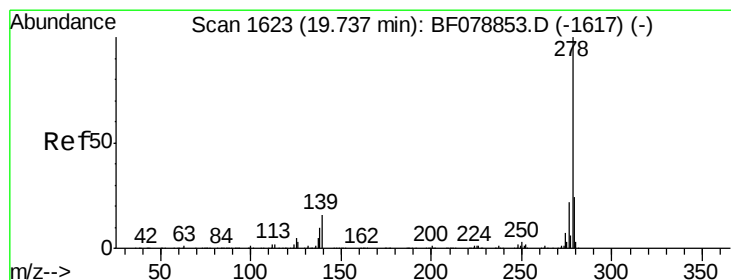
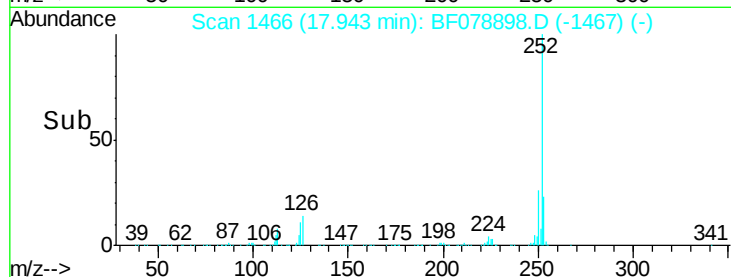
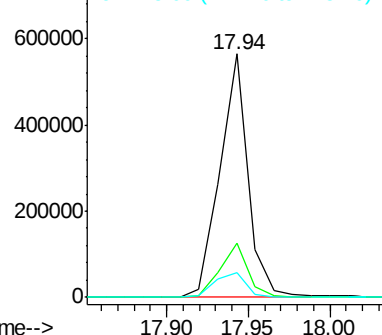
125 9.9 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.26 ng

RT: 19.54 min Scan# 1606

Delta R.T. -0.14 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

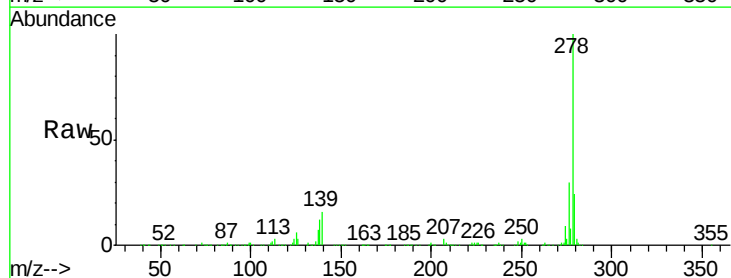
Tgt Ion:278 Resp: 676031

Ion Ratio Lower Upper

278 100

139 16.4 12.8 19.2

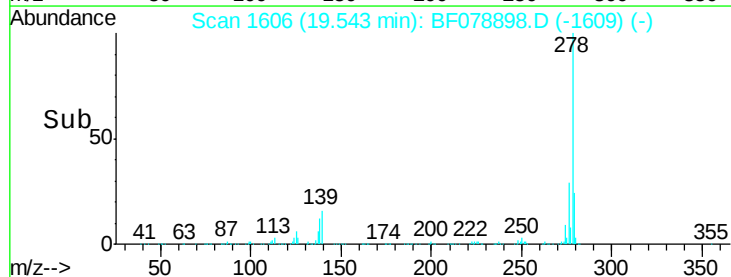
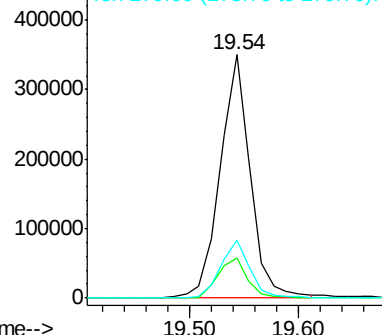
279 23.8 19.6 29.4

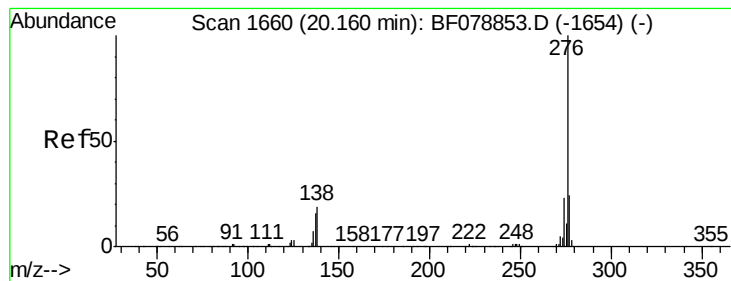


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.33 ng

RT: 19.95 min Scan# 1642

Delta R.T. -0.15 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Instrument :

BNA_F

ClientSampleId :

PB83016BSD

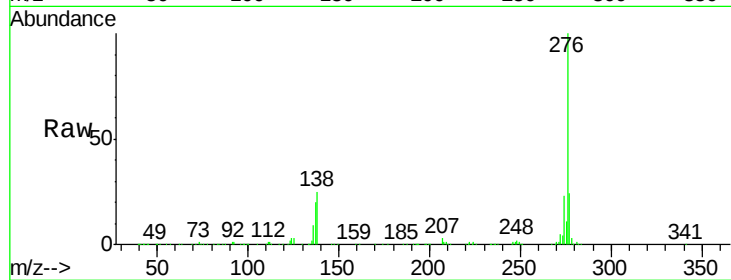
Tgt Ion: 276 Resp: 678609

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 24.8 17.4 26.0



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

