

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 23:41:09 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	100807m	43.53	ng	
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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	124753	45.22	nq	96
43) 2,4,5-Trichlorophenol	10.22	196	125073	44.85	nq #	87
45) 1,1'-Biphenyl	10.40	154	494493	43.66	nq	100
46) 2-Chloronaphthalene	10.42	162	377193	42.69	nq	99
47) 2-Nitroaniline	10.55	65	111645	43.61	nq	99
48) Acenaphthylene	10.94	152	632819	43.62	nq	100
49) Dimethylphthalate	10.79	163	462171	44.20	nq	99
50) 2,6-Dinitrotoluene	10.86	165	89552	43.40	nq	97
51) Acenaphthene	11.15	154	373308	43.15	nq	98
52) 3-Nitroaniline	11.06	138	82804	32.12	nq #	99
53) 2,4-Dinitrophenol	11.19	184	74268	82.73	nq #	74
54) Dibenzofuran	11.37	168	565401	45.25	nq	97
55) 4-Nitrophenol	11.27	139	196185	96.16	nq	95
56) 2,4-Dinitrotoluene	11.36	165	132937	48.73	nq #	63
57) Fluorene	11.79	166	460514	44.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	105846	46.44	nq #	100
59) Diethylphthalate	11.67	149	469704	45.34	nq	99
60) 4-Chlorophenyl-phenylether	11.80	204	200124	43.99	nq	96
61) 4-Nitroaniline	11.82	138	112209	43.51	nq	94
62) Azobenzene	12.00	77	483110	47.33	nq	97
64) 4,6-Dinitro-2-methylphenol	11.85	198	51097	45.21	nq	85
65) n-Nitrosodiphenylamine	11.94	169	385628	41.71	nq	98
66) 4-Bromophenyl-phenylether	12.41	248	129919	44.89	nq	96
67) Hexachlorobenzene	12.47	284	143059	43.25	nq	94
68) Atrazine	12.62	200	120603	44.86	nq	100
69) Pentachlorophenol	12.72	266	164535	84.59	nq	97
70) Phenanthrene	12.98	178	662600	42.66	nq	100
71) Anthracene	13.05	178	657021	43.12	nq	99
72) Carbazole	13.26	167	667849	45.98	nq	99
73) Di-n-butylphthalate	13.70	149	770926	44.26	nq	99
74) Fluoranthene	14.47	202	712680	44.03	nq	96
76) Benzidine	14.64	184	255199	33.14	nq	99
77) Pyrene	14.75	202	744050	45.19	nq	99
79) Butylbenzylphthalate	15.58	149	339595	47.18	nq #	82
80) Benzo(a)anthracene	16.24	228	684317	43.73	nq	99
81) 3,3'-Dichlorobenzidine	16.22	252	187108	33.57	nq #	97
82) Chrysene	16.29	228	649964	43.19	nq	100
83) Bis(2-ethylhexyl)phthalate	16.30	149	505903	46.40	nq	98
84) Di-n-octyl phthalate	17.10	149	865841	45.09	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.51	276	824913	43.02	nq #	100
87) Benzo(b)fluoranthene	17.55	252	814073	52.16	nq	99
88) Benzo(k)fluoranthene	17.59	252	570037m	37.73	nq	
89) Benzo(a)pyrene	17.94	252	676510	47.08	nq	98
90) Dibenzo(a,h)anthracene	19.54	278	676031	44.26	nq	99
91) Benzo(g,h,i)perylene	19.95	276	678609	44.33	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.00 min

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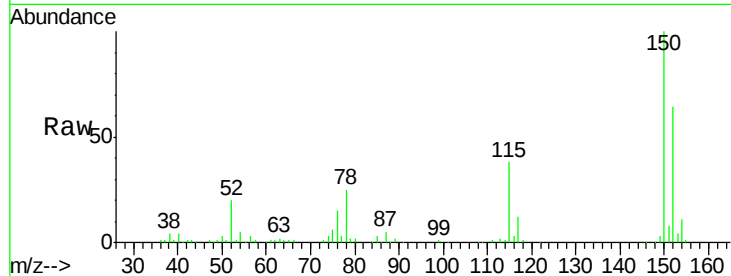
Tot Ion:152 Resp: 73126

Ion Ratio Lower Upper

152 100

150 155.8 122.0 183.0

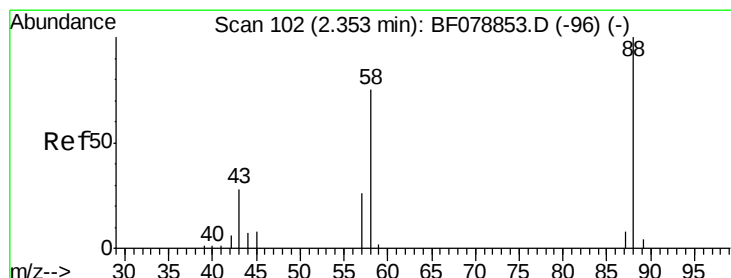
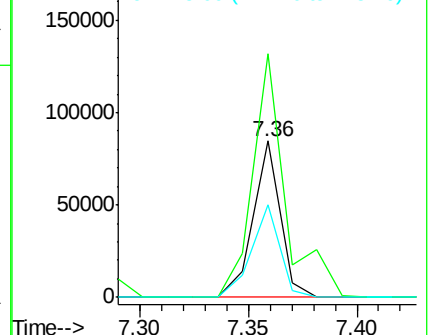
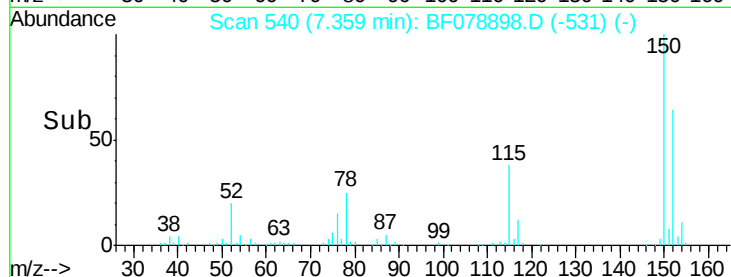
115 59.2 46.3 69.5



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

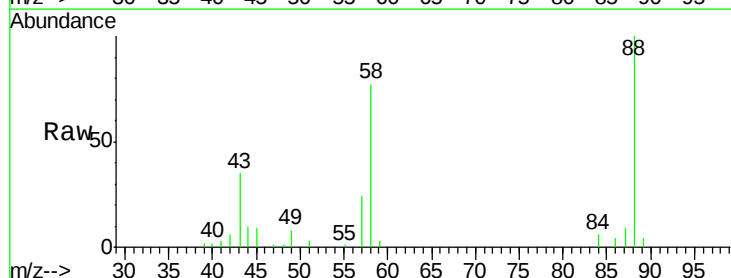
Tgt Ion: 88 Resp: 67518

Ion Ratio Lower Upper

88 100

58 79.0 0.0 0.0#

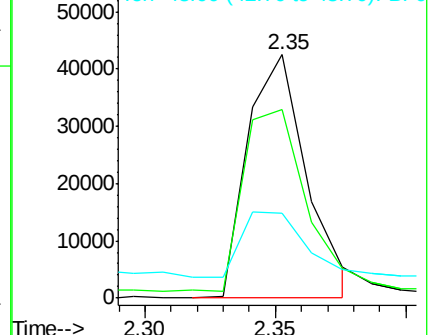
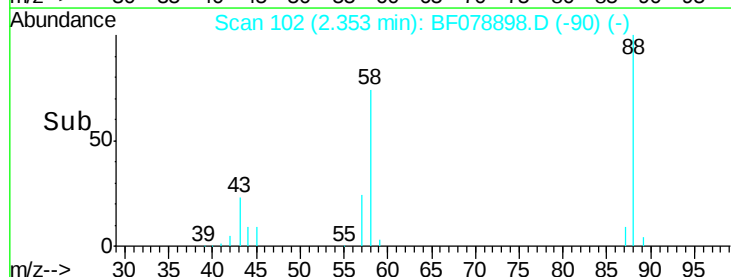
43 29.3 3.3 4.9#



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

Pvridine

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

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ClientSampleId :

PB83016BSD

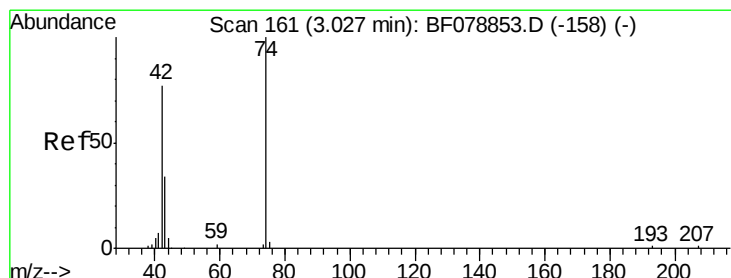
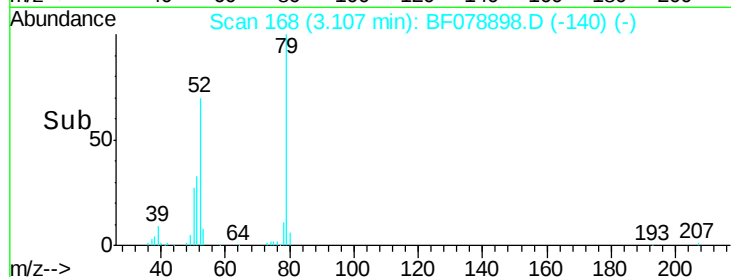
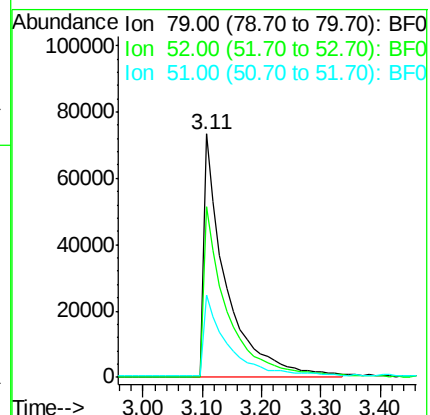
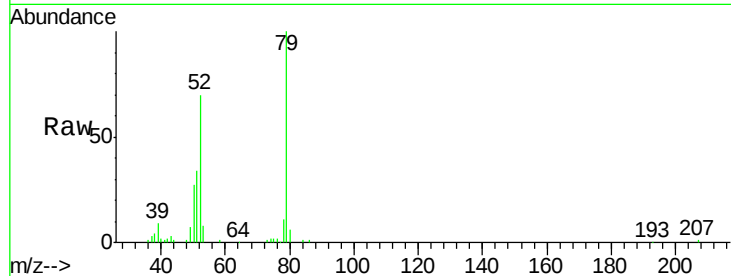
Tot Ion: 79 Resp: 193943

Ion Ratio Lower Upper

79 100

52 70.2 57.2 85.8

51 33.9 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 43.53 ng m

RT: 3.03 min Scan# 161

Delta R.T. 0.03 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

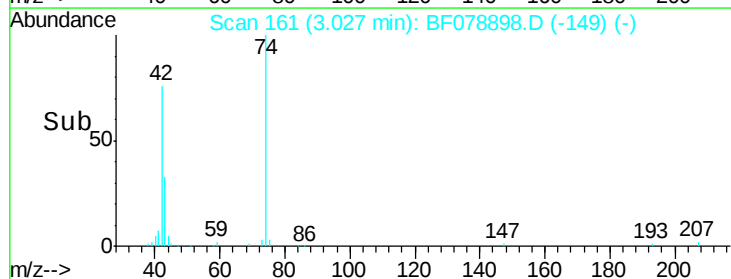
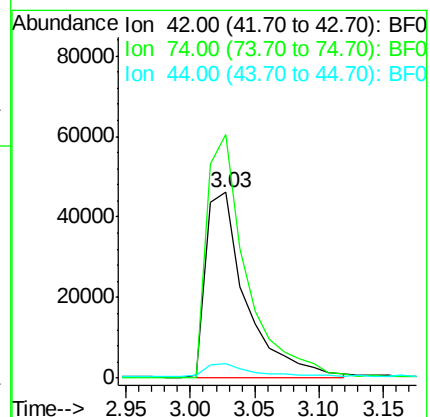
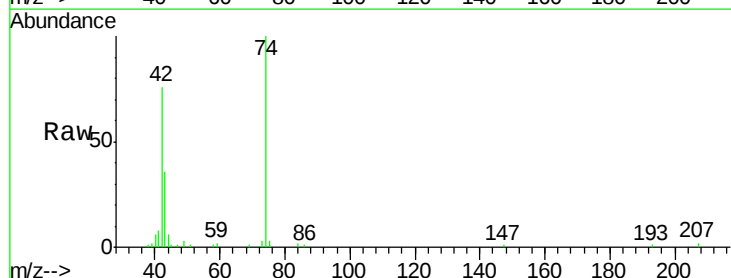
Tgt Ion: 42 Resp: 100807

Ion Ratio Lower Upper

42 100

74 131.0 96.5 144.7

44 7.7 6.1 9.1





#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

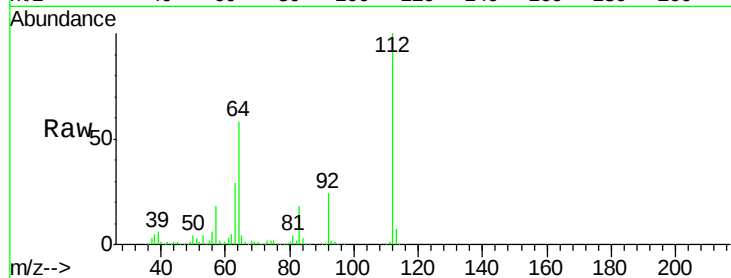
Tot Ion:112 Resp: 570910

Ion Ratio Lower Upper

112 100

64 58.3 53.5 80.3

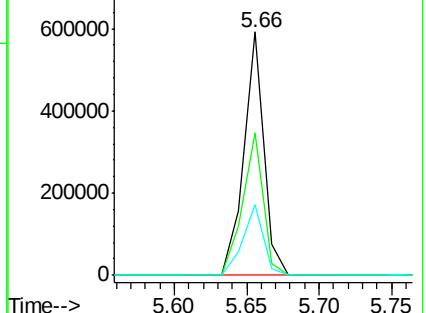
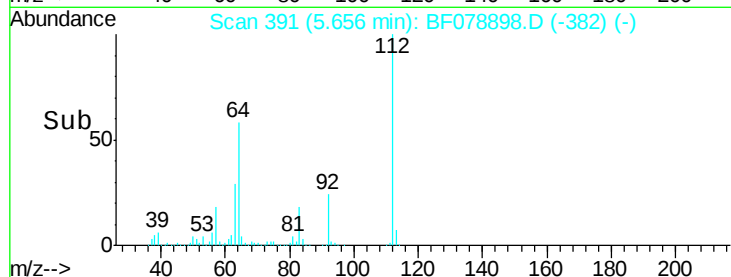
63 29.0 27.5 41.3



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

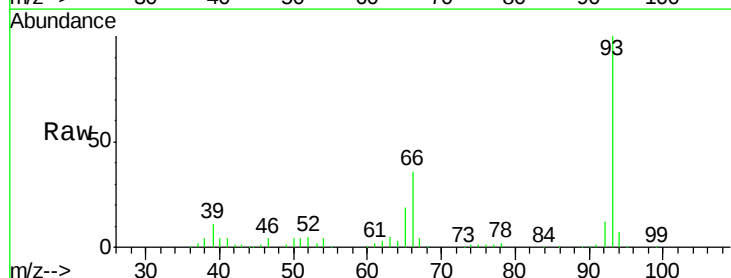
Tgt Ion: 93 Resp: 201620

Ion Ratio Lower Upper

93 100

66 36.4 29.7 44.5

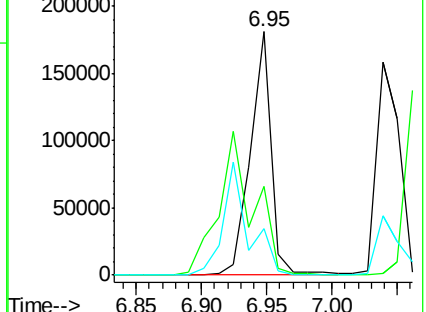
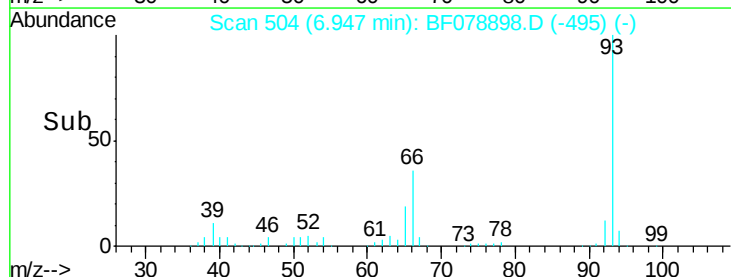
65 19.3 14.6 22.0



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

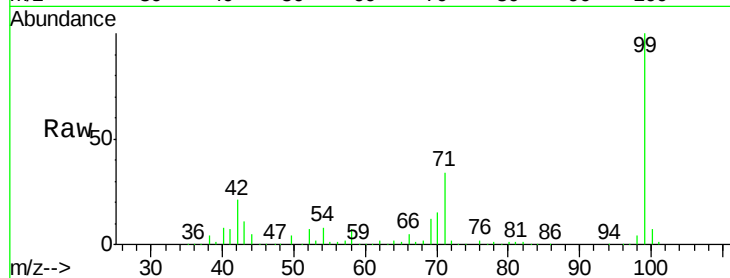
Tot Ion: 99 Resp: 727482

Ion Ratio Lower Upper

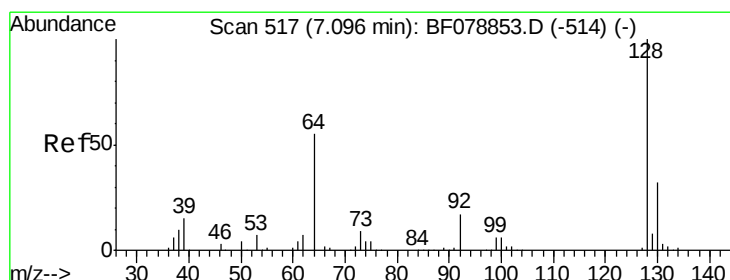
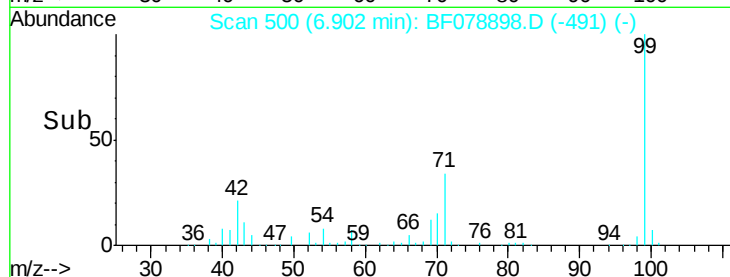
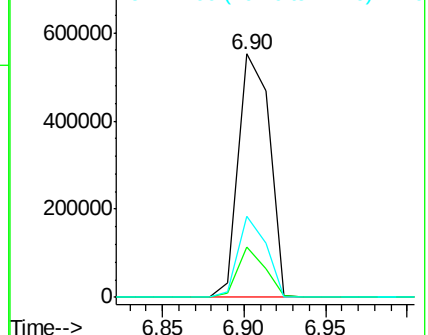
99 100

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



#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

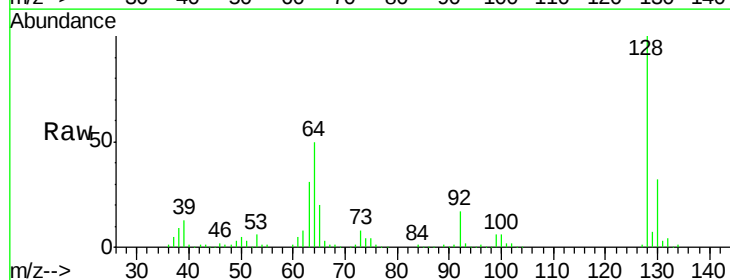
Tgt Ion: 128 Resp: 206758

Ion Ratio Lower Upper

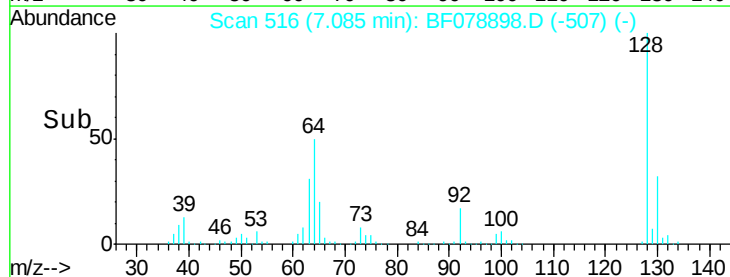
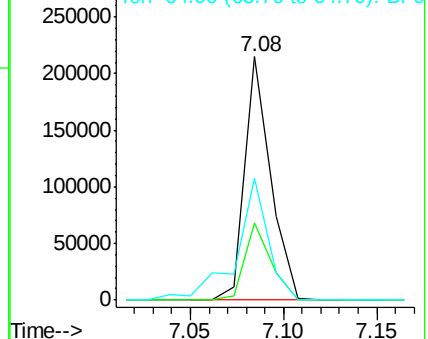
128 100

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





#9

Benzaldehyde

Concen: 15.20 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

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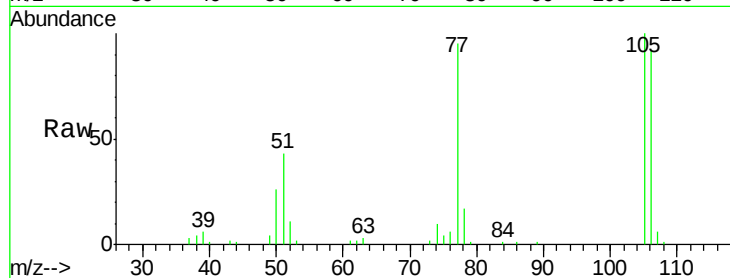
Tot Ion: 77 Resp: 57497

Ion Ratio Lower Upper

77 100

105 105.7 81.7 121.7

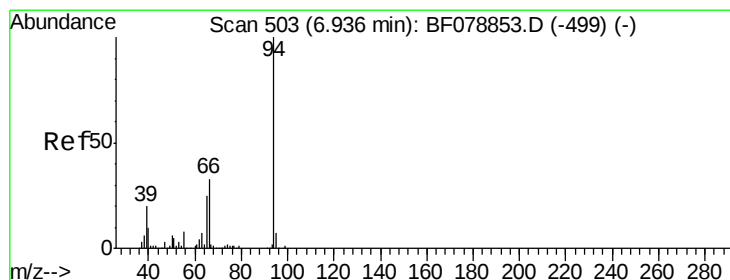
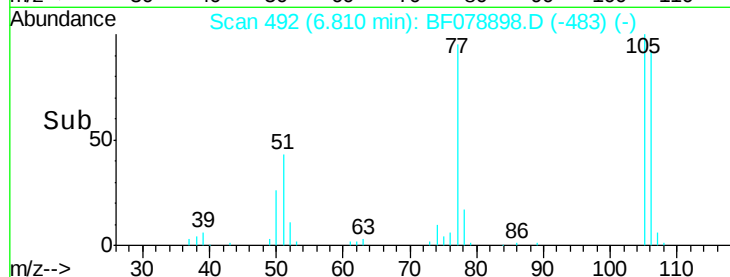
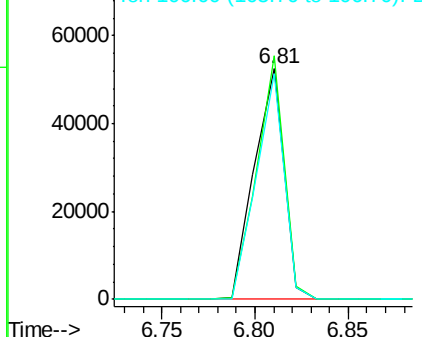
106 97.8 79.0 119.0



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

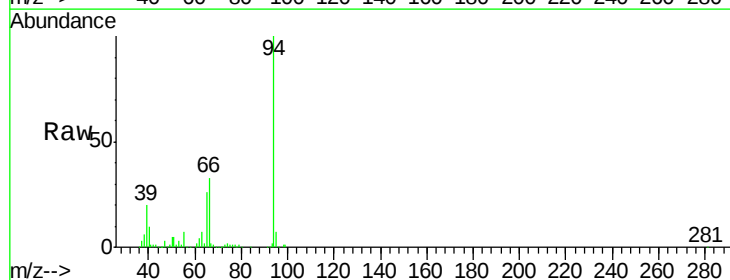
Tgt Ion: 94 Resp: 282574

Ion Ratio Lower Upper

94 100

65 25.8 8.5 48.5

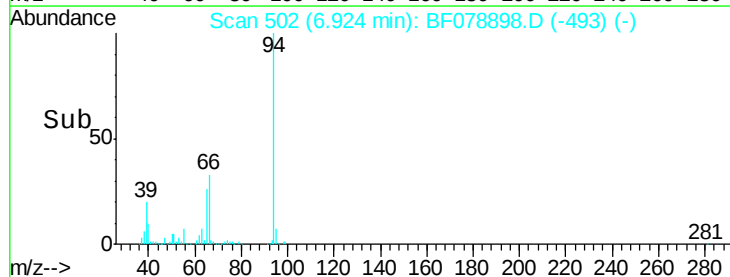
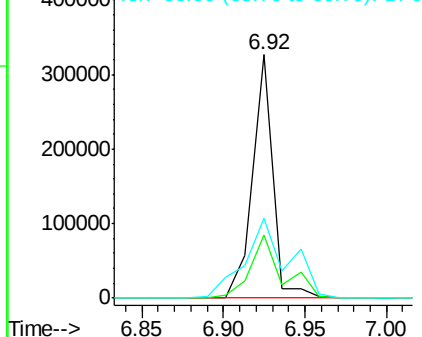
66 32.8 16.0 56.0



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

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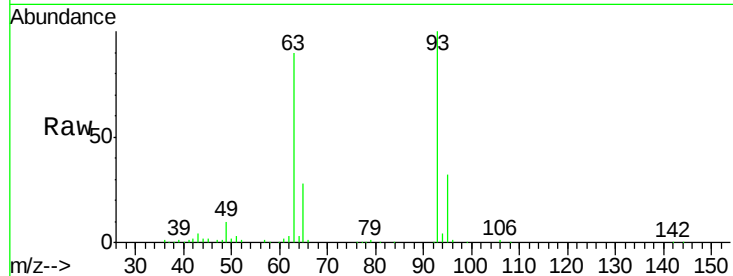
Tot Ion: 93 Resp: 189663

Ion Ratio Lower Upper

93 100

63 89.7 64.8 104.8

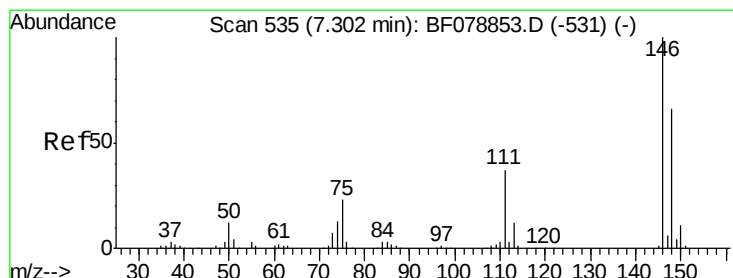
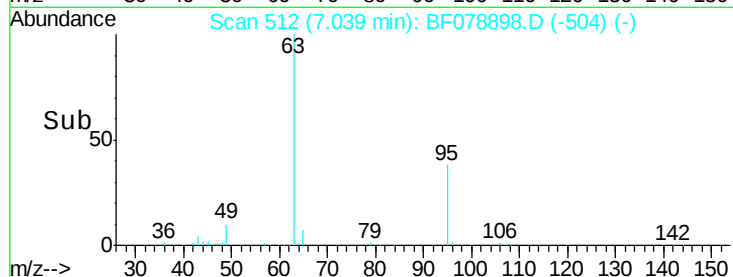
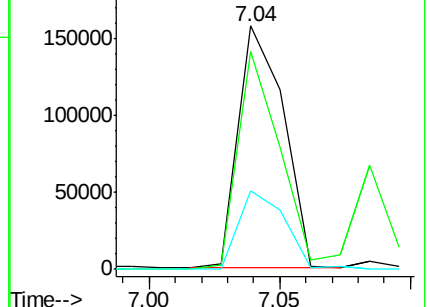
95 32.3 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF078853.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BF078853.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-511) (-)



#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

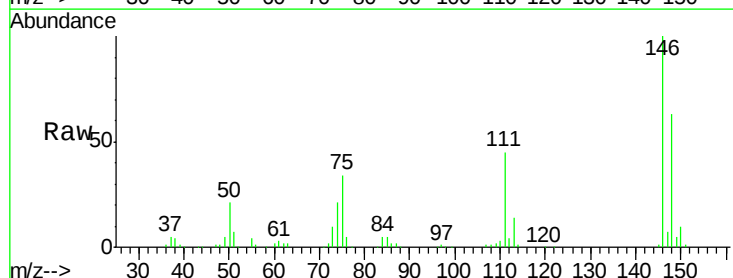
Tgt Ion: 146 Resp: 215670

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

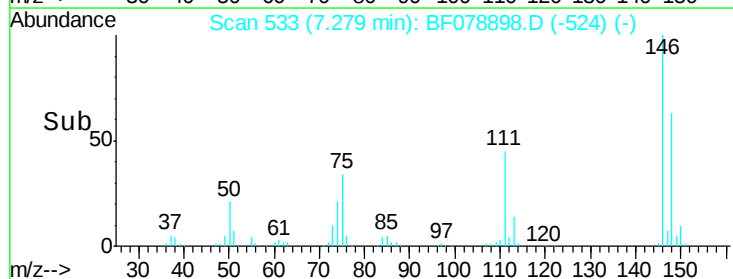
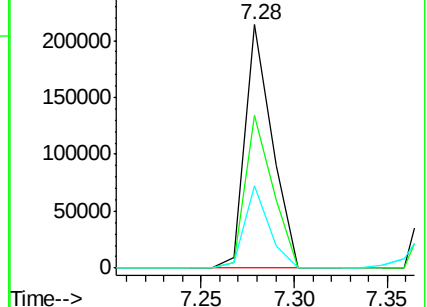
75 34.0 29.2 43.8

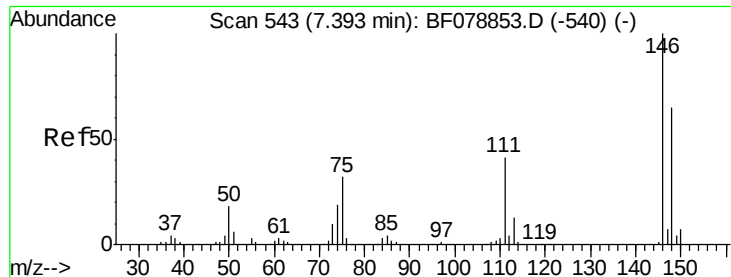


Abundance Ion 146.00 (145.70 to 146.70): BF078853.D (-531) (-)

Ion 148.00 (147.70 to 148.70): BF078853.D (-531) (-)

Ion 75.00 (74.70 to 75.70): BF078853.D (-531) (-)

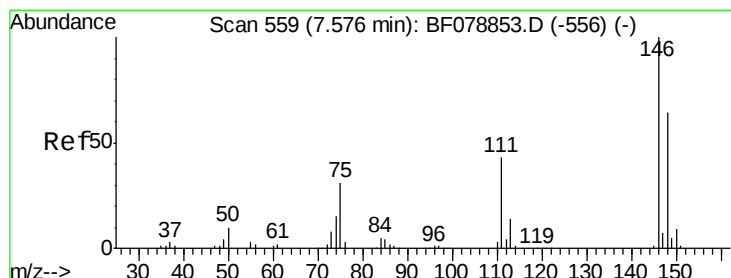
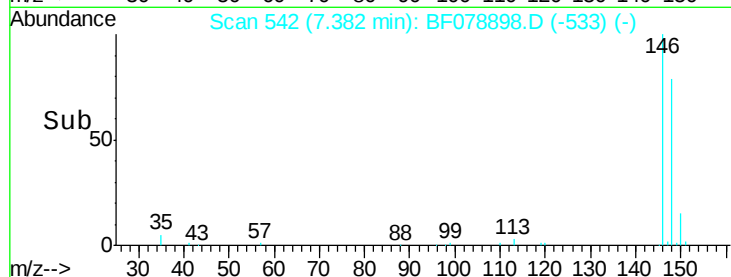
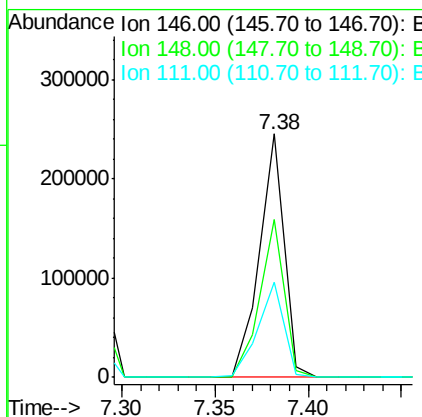
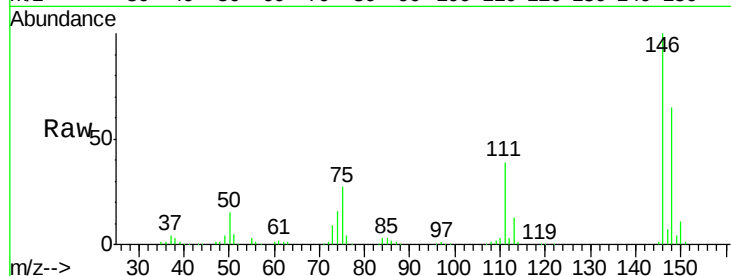




#13
 1,4-Dichlorobenzene
 Concen: 40.19 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

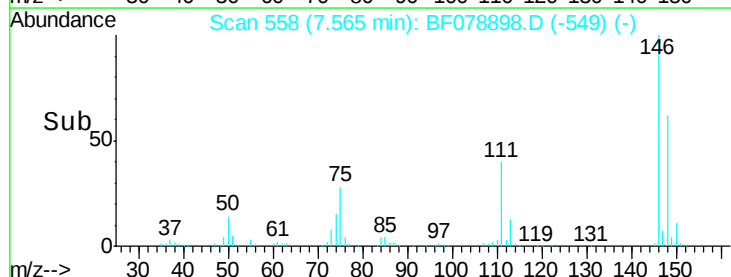
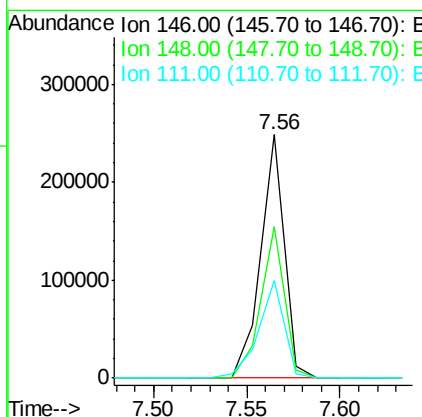
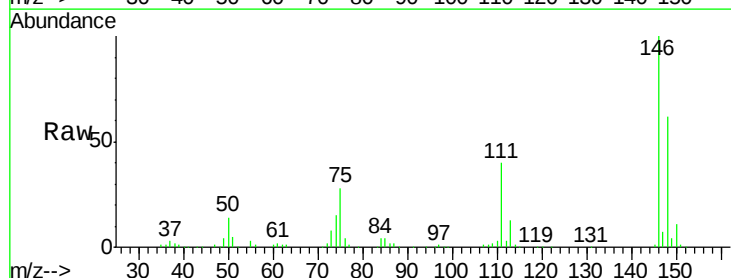
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot 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

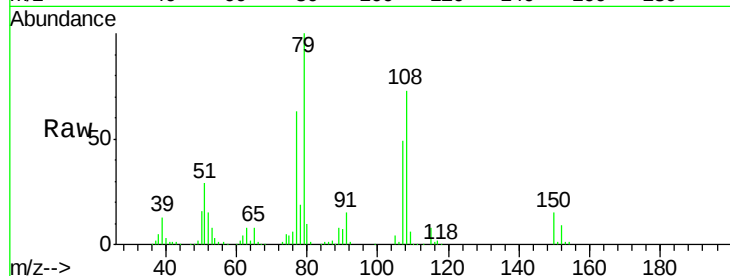
Tot Ion: 79 Resp: 172807

Ion Ratio Lower Upper

79 100

108 73.1 62.5 93.7

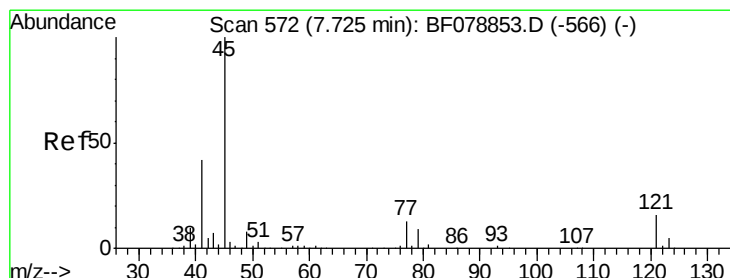
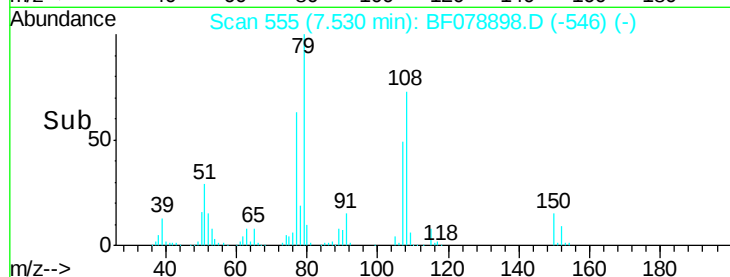
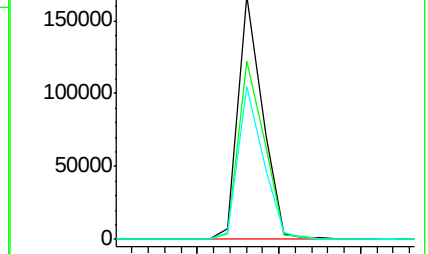
77 62.6 52.2 78.4



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

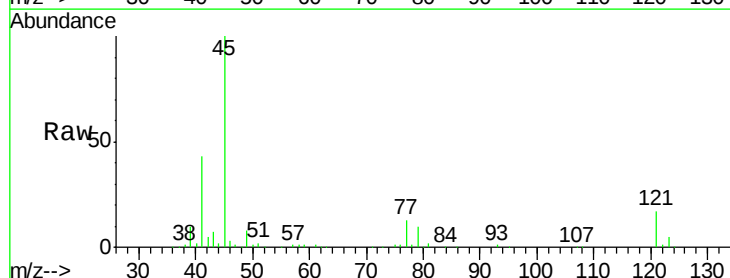
Tgt Ion: 45 Resp: 299509

Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.3

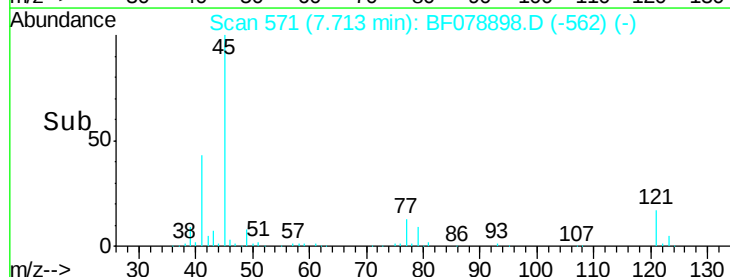
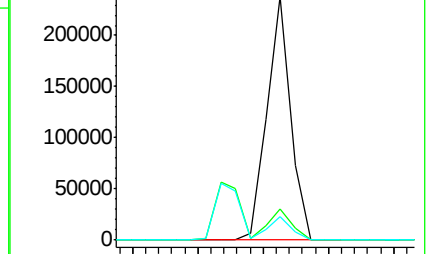
79 9.6 0.0 30.1



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

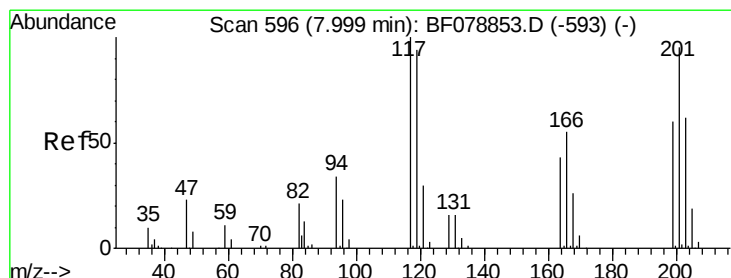
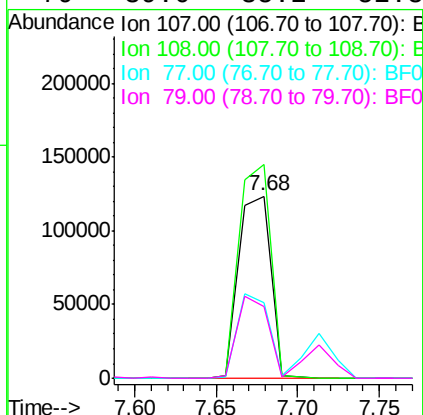
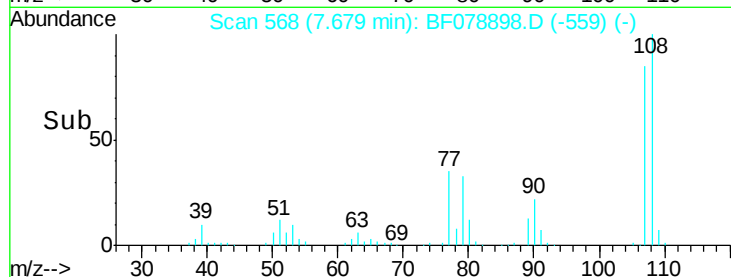
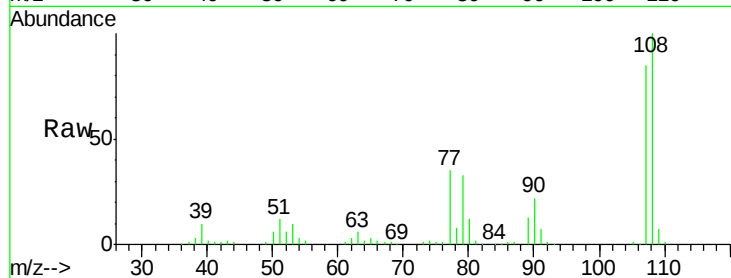




#17
2-Methylphenol
Concen: 43.39 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

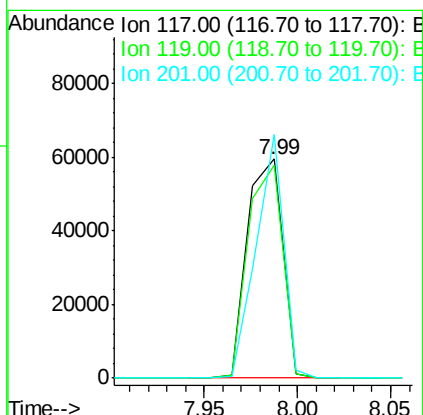
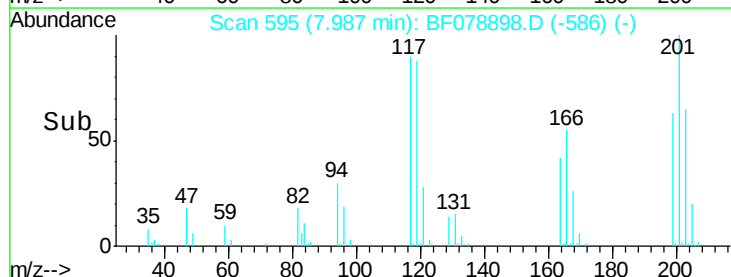
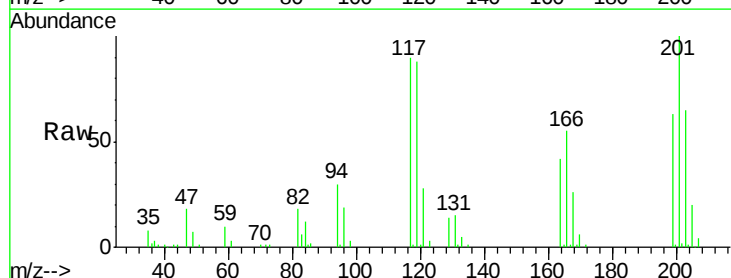
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

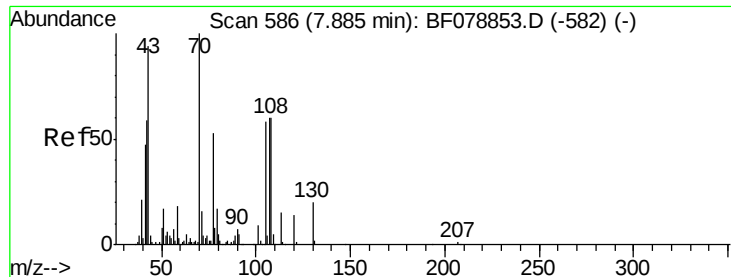
Tot Ion:	107	Resp:	168236
Ion	Ratio	Lower	Upper
107	100		
108	117.1	94.9	142.3
77	41.2	36.2	54.4
79	39.0	35.2	52.8



#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

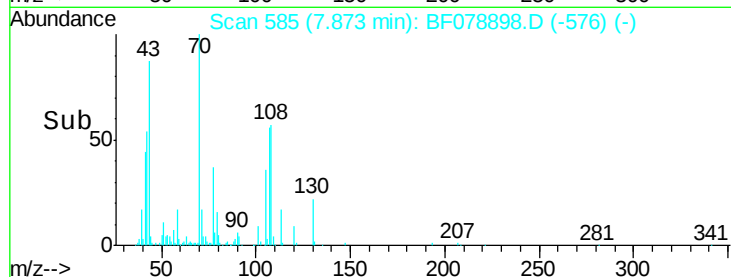
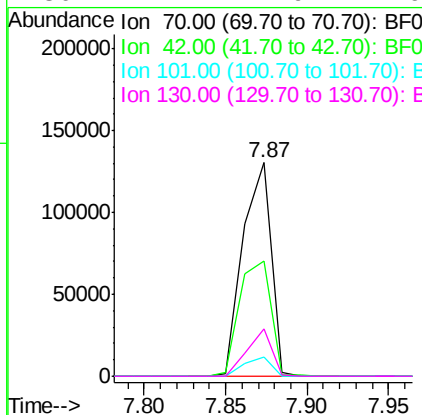
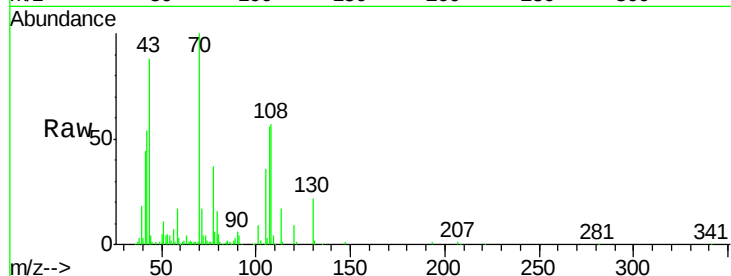




#19
n-Nitroso-di-n-propylamine
Concen: 41.17 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

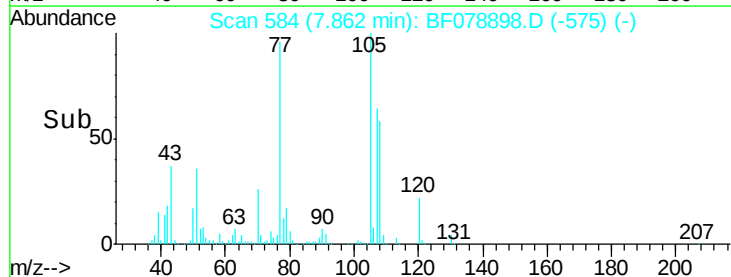
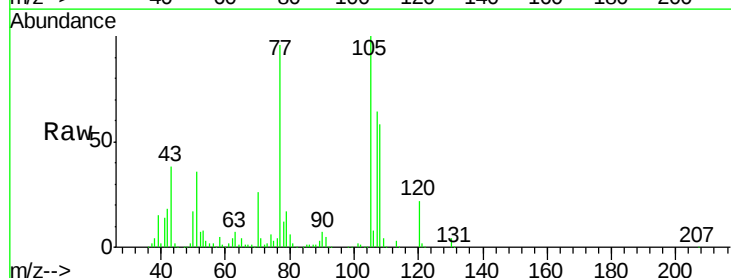
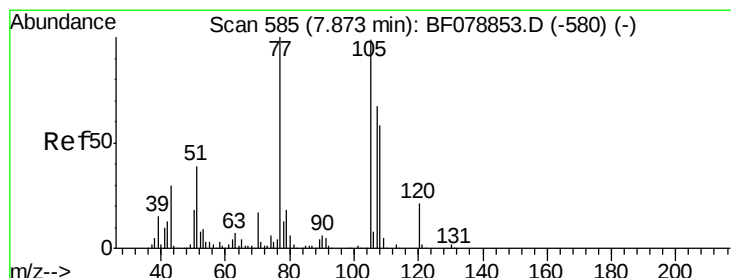
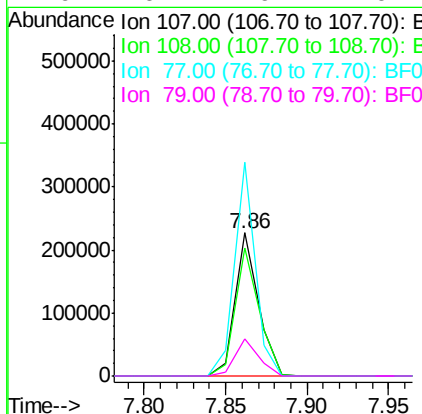
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot 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

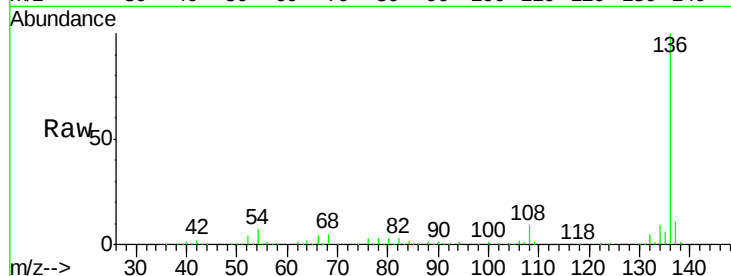




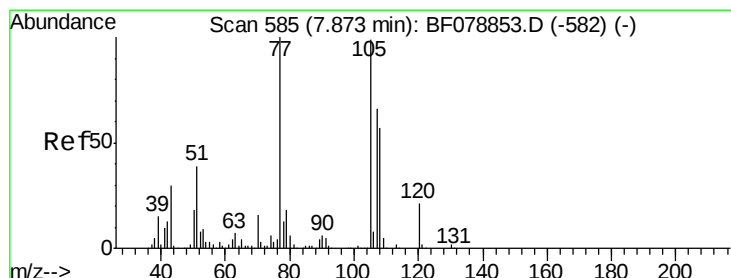
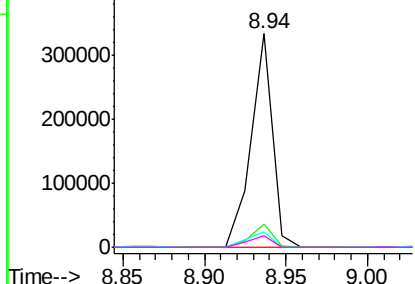
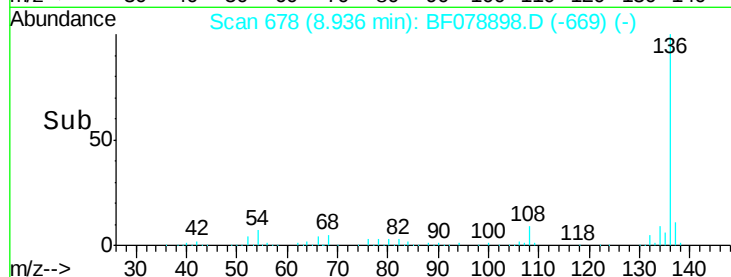
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot 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

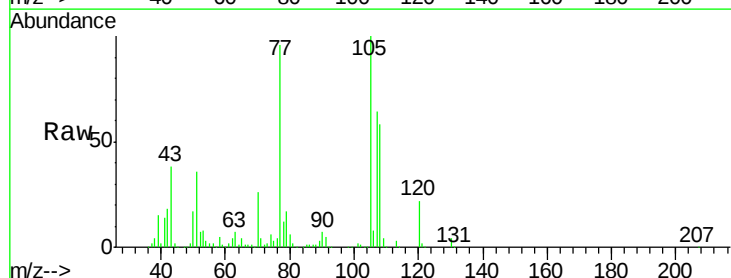


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

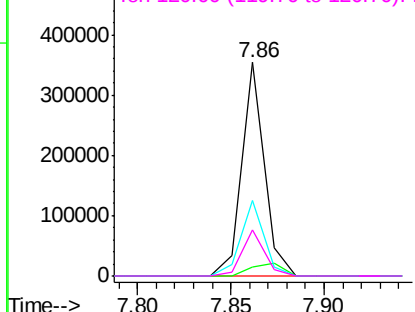
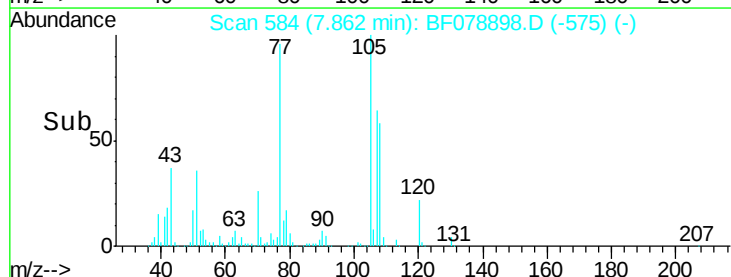


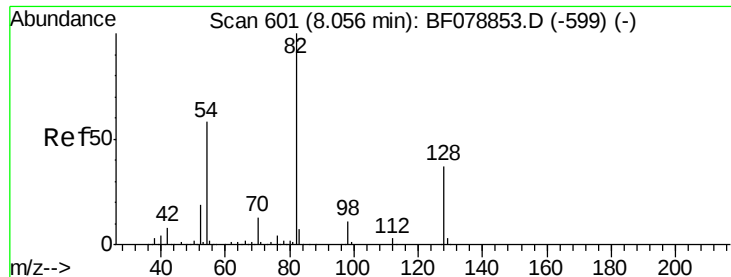
#22
Acetophenone
Concen: 43.87 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

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

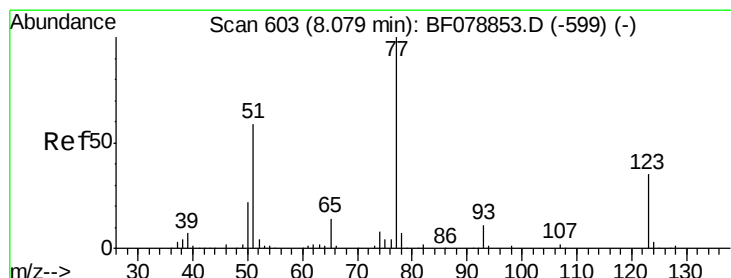
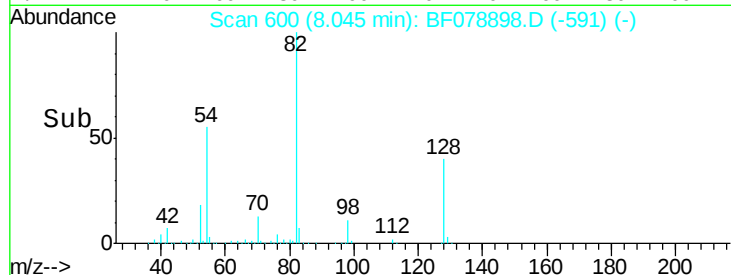
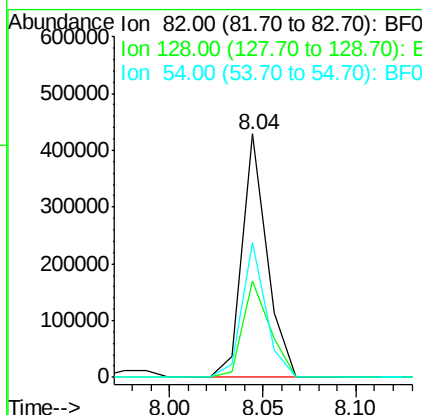
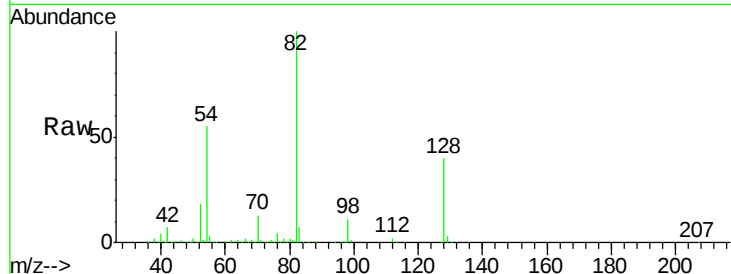




#23
 Nitrobenzene-d5
 Concen: 75.72 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

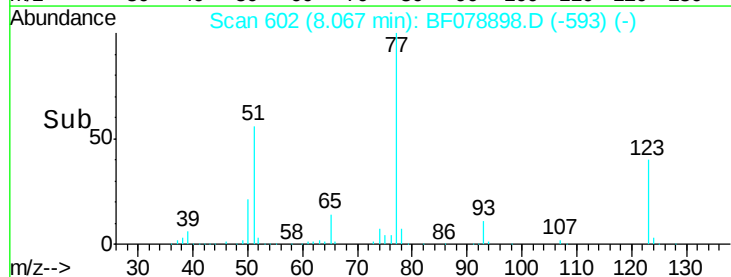
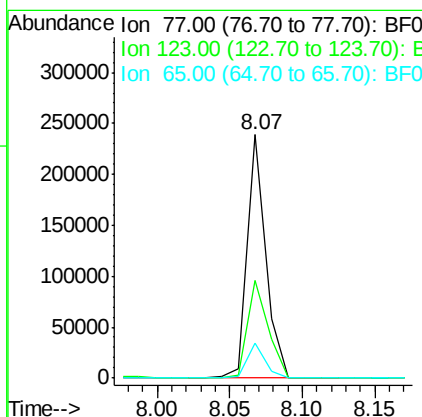
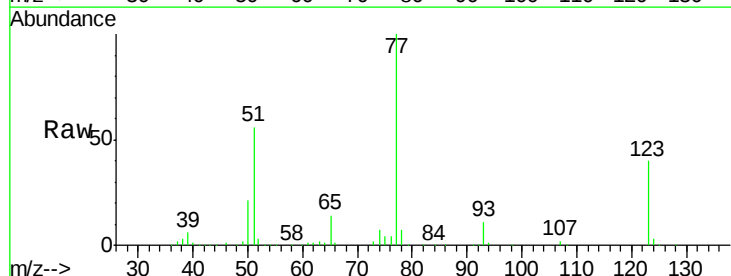
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

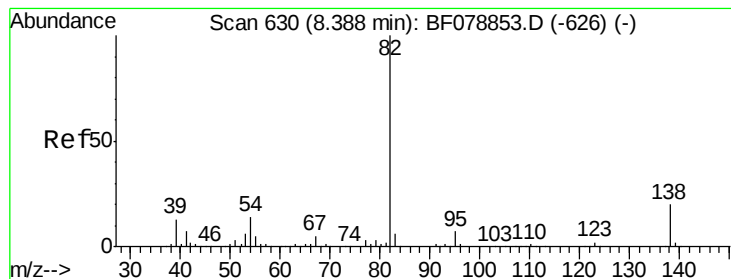
Tot Ion	82	Resp	398408
Ion Ratio	100	Lower	Upper
128	39.8	30.0	45.0
54	55.4	46.4	69.6



#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	77	Resp	212548
Ion Ratio	100	Lower	Upper
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

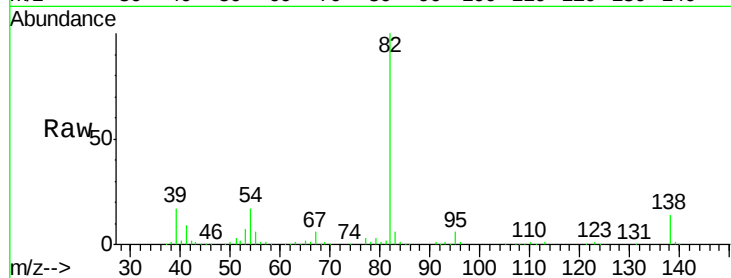
Tot Ion: 82 Resp: 390119

Ion Ratio Lower Upper

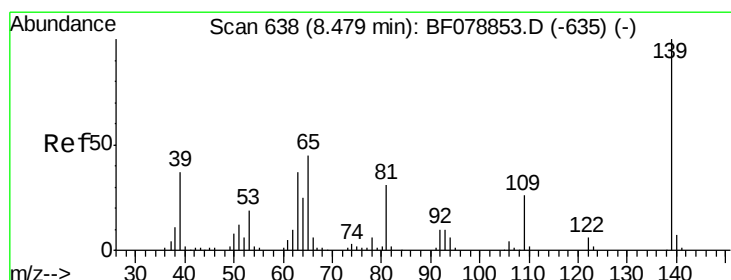
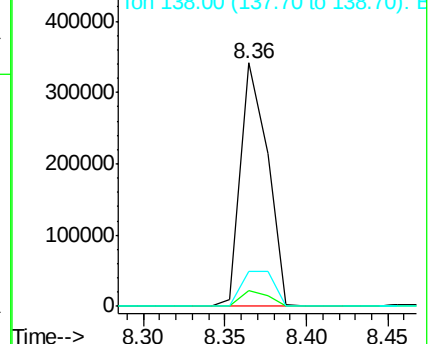
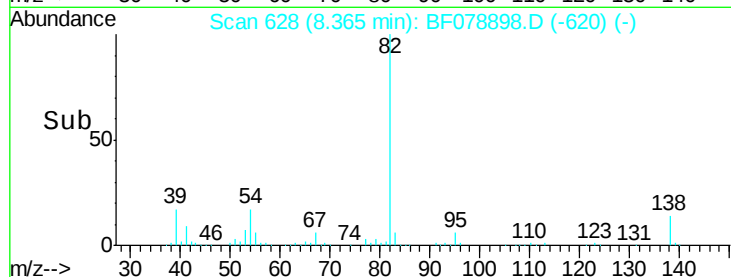
82 100

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

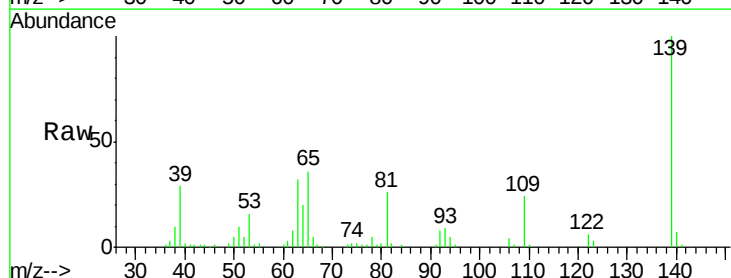
Tgt Ion:139 Resp: 92422

Ion Ratio Lower Upper

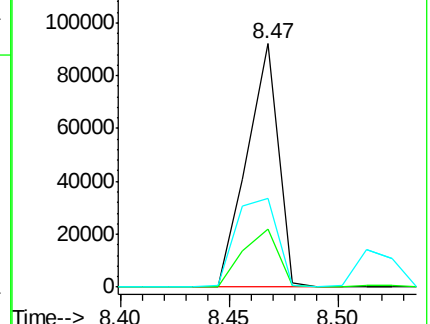
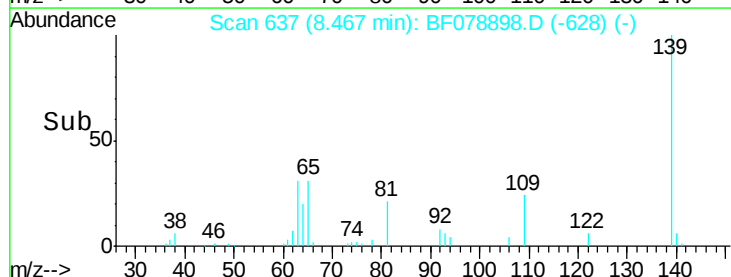
139 100

109 23.9 21.0 31.4

65 36.4 30.5 45.7



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

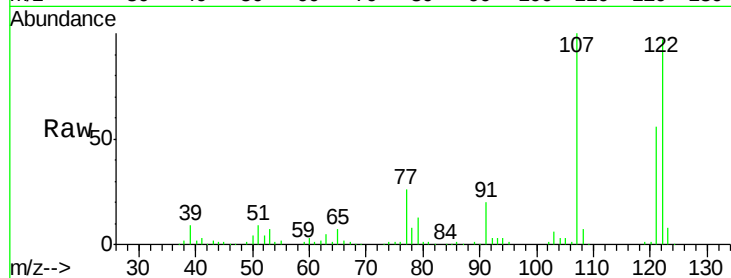




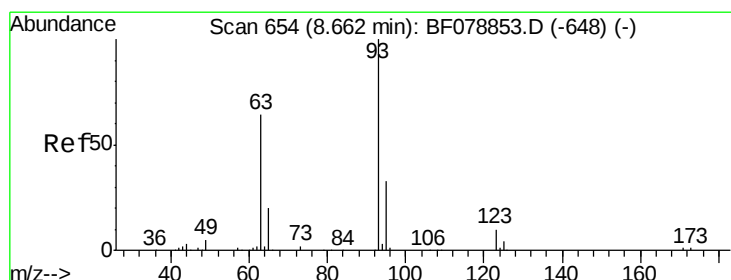
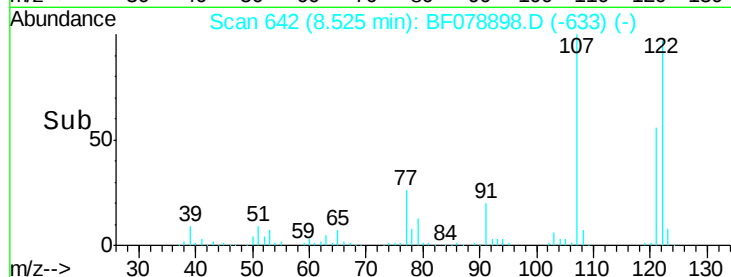
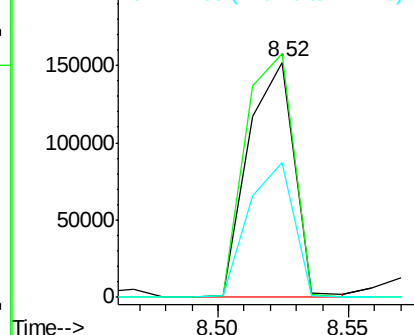
#27
 2,4-Dimethylphenol
 Concen: 43.65 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

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

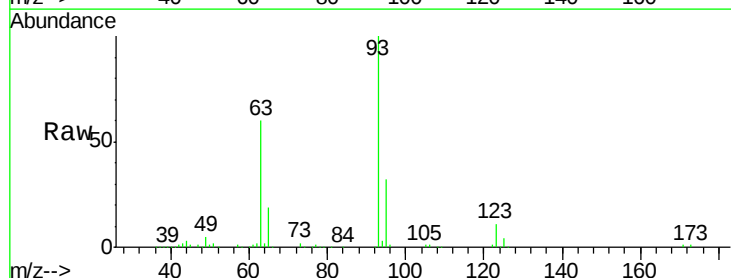


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

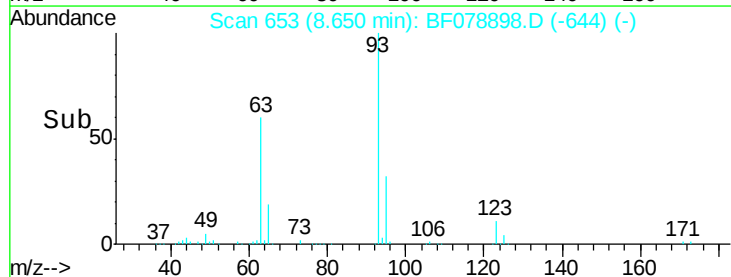
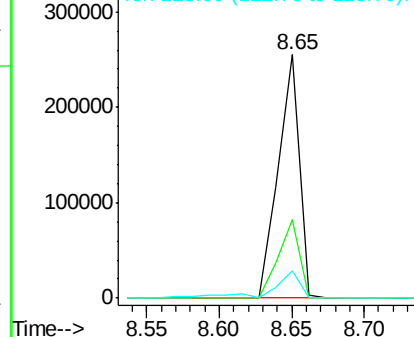


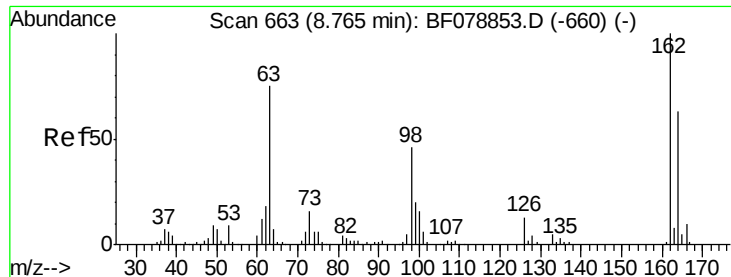
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.76 ng
 RT: 8.65 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

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

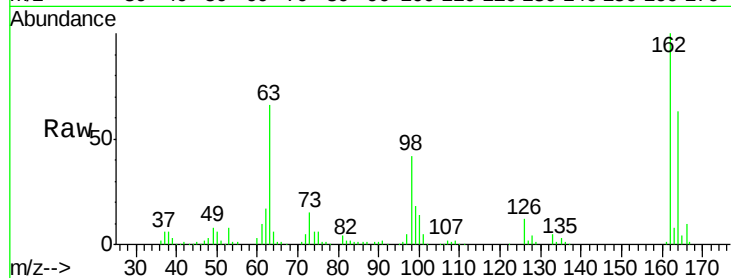




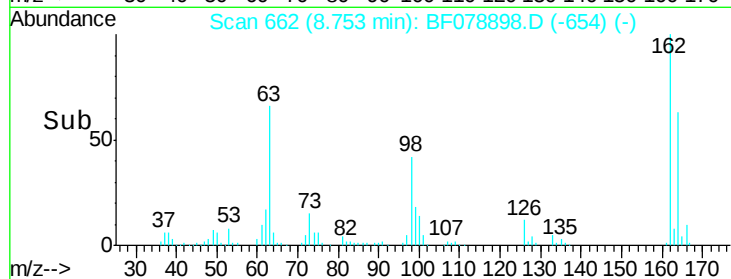
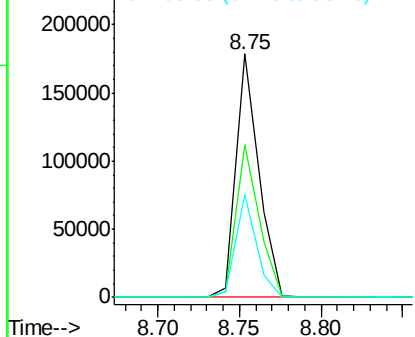
#29
 2,4-Dichlorophenol
 Concen: 44.68 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

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

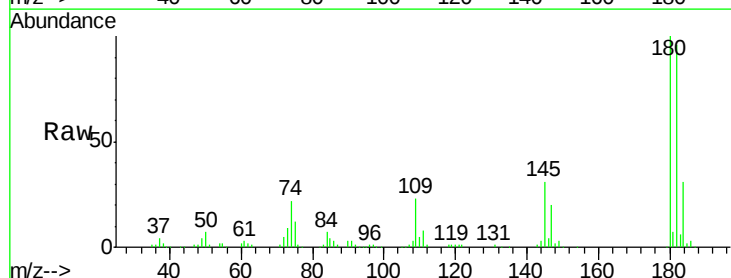


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

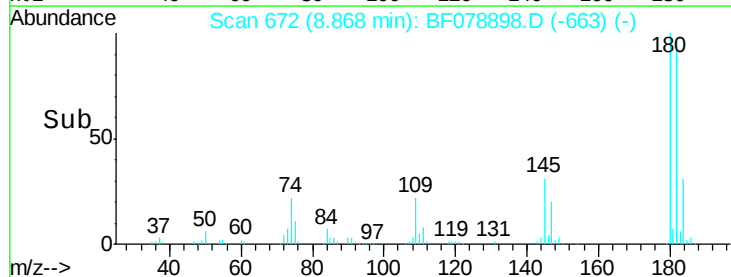
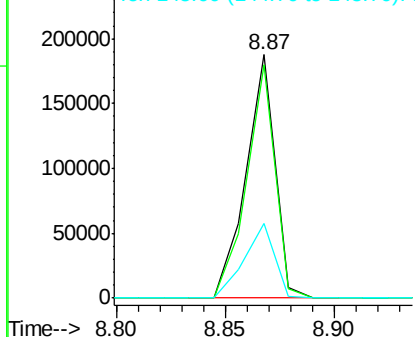


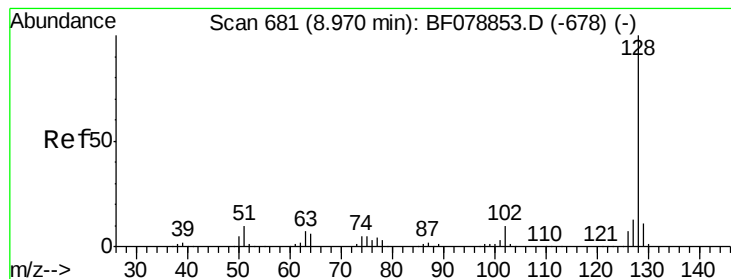
#30
 1,2,4-Trichlorobenzene
 Concen: 41.26 ng
 RT: 8.87 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

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

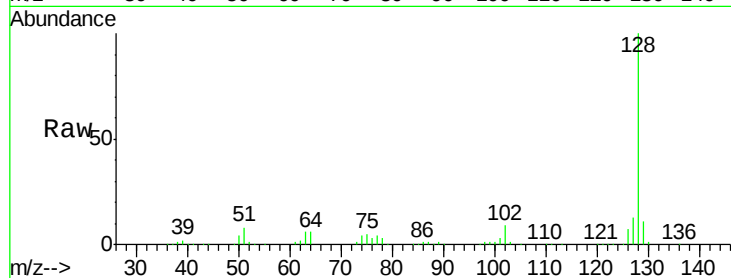
Tot Ion:128 Resp: 594670

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

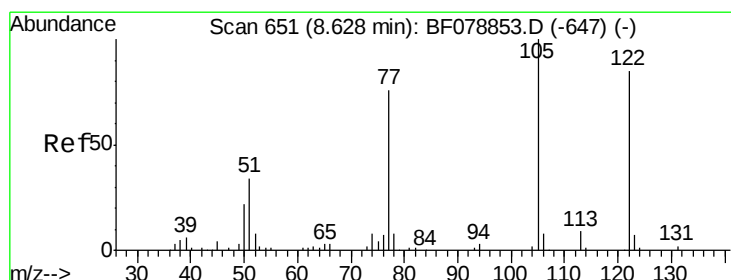
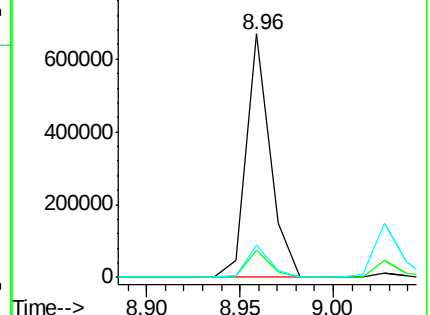
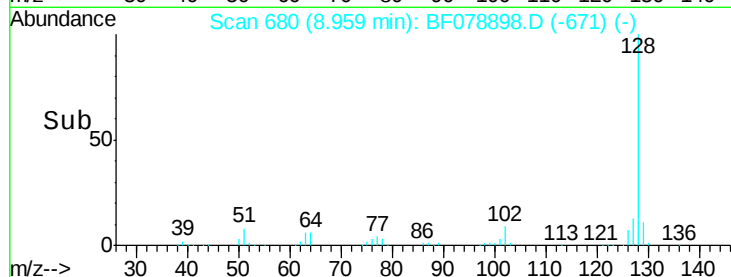
127 13.3 10.7 16.1



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

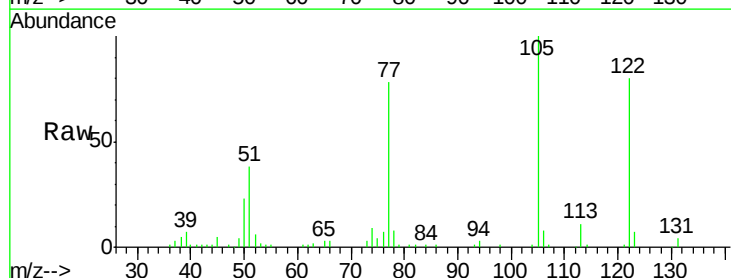
Tgt Ion:122 Resp: 111526

Ion Ratio Lower Upper

122 100

105 124.9 107.1 147.1

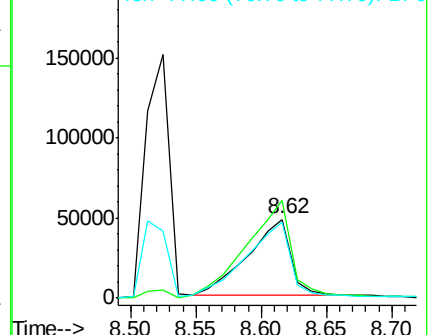
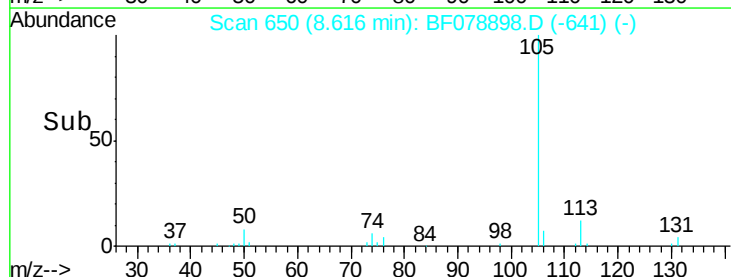
77 97.5 73.9 113.9



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

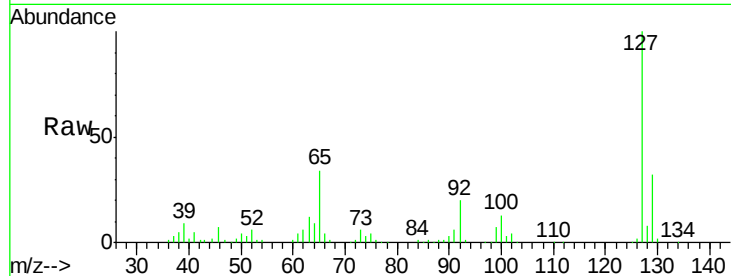




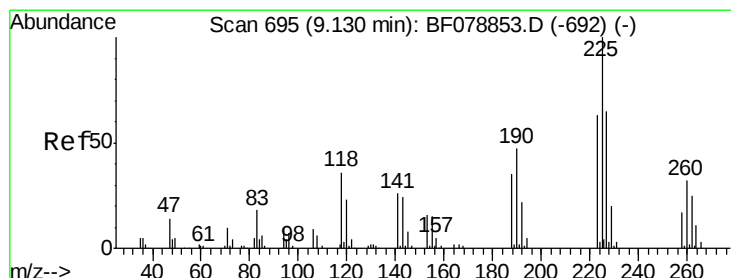
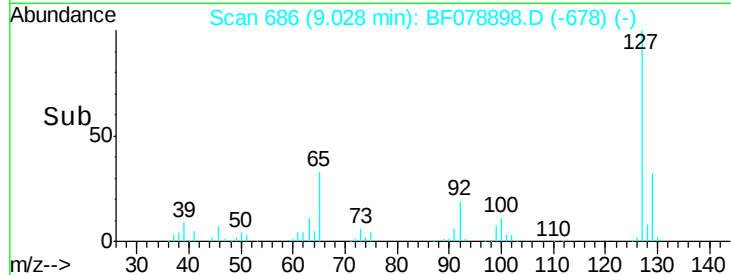
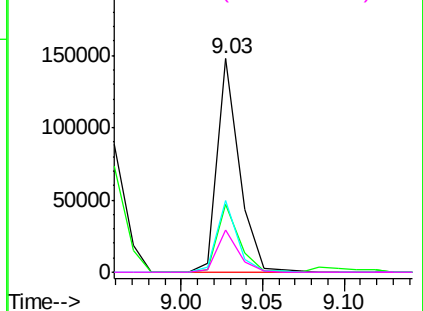
#33
 4-Chloroaniline
 Concen: 22.86 ng
 RT: 9.03 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot 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

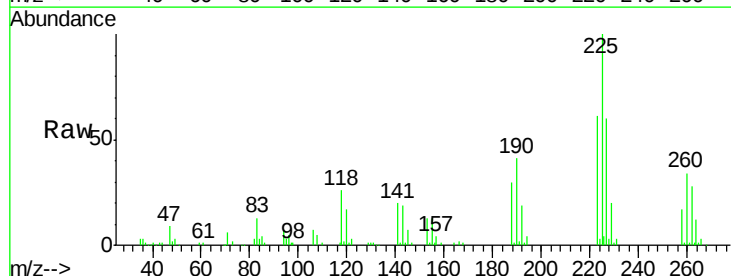


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

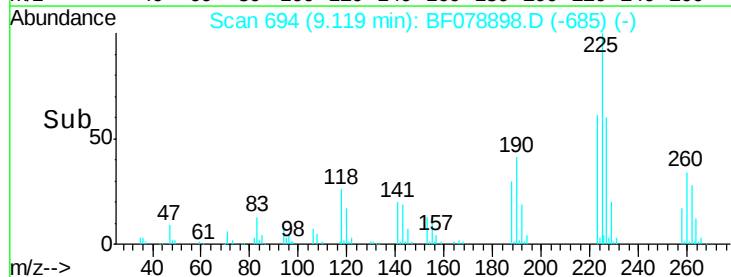
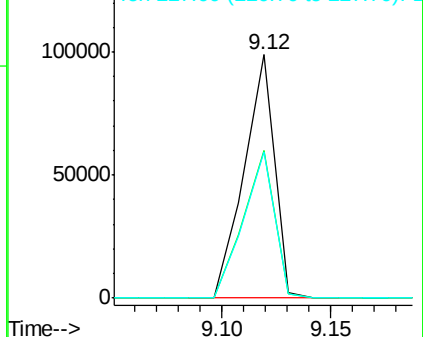


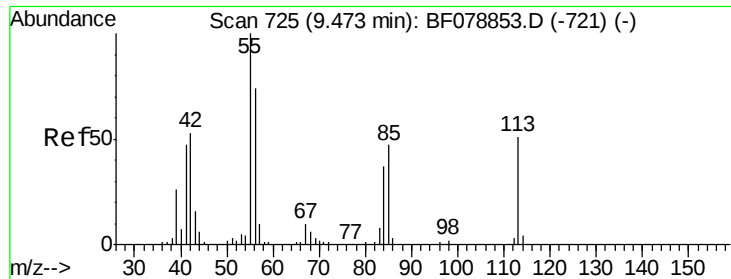
#34
 Hexachlorobutadiene
 Concen: 39.49 ng
 RT: 9.12 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

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

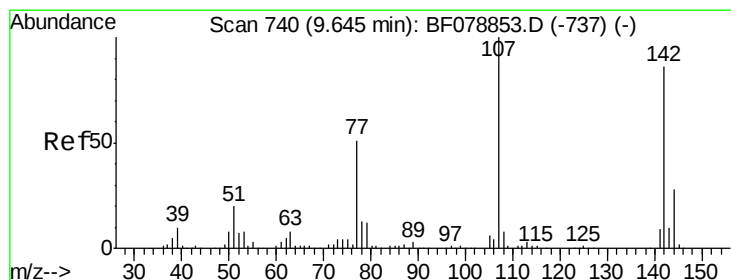
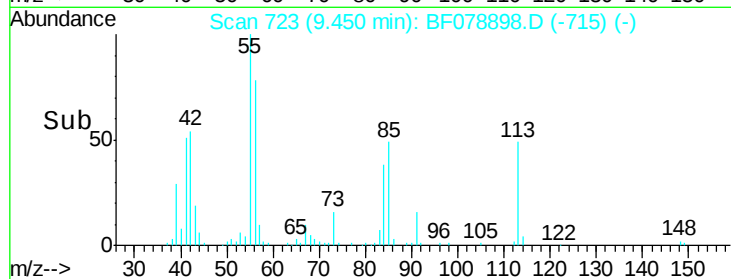
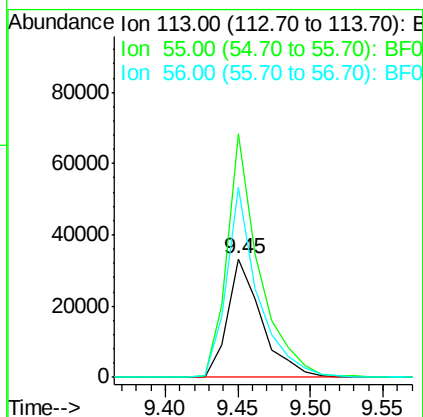
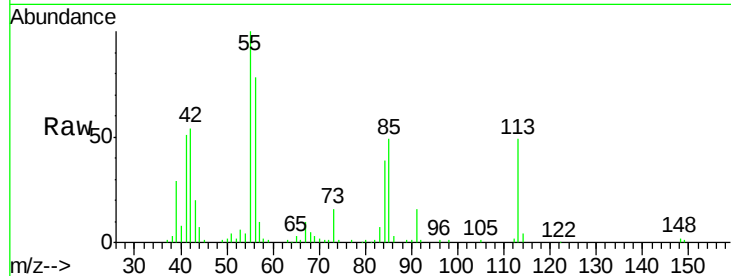




#35
 Caprolactam
 Concen: 43.61 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

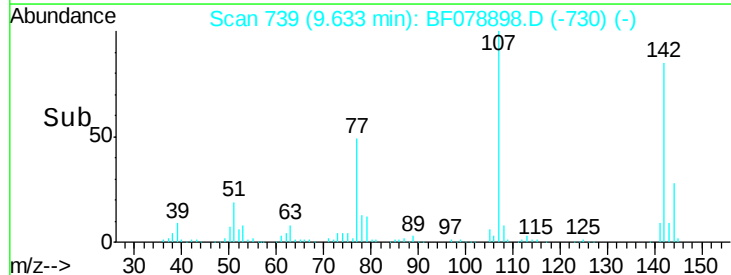
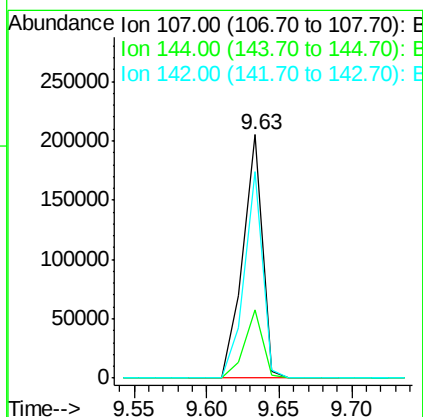
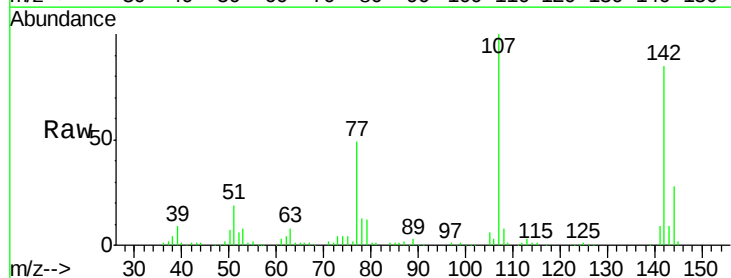
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

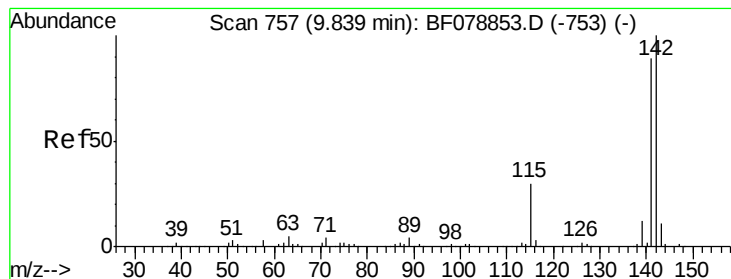
Tot Ion:113 Resp: 54162
 Ion Ratio Lower Upper
 113 100
 55 205.9 169.7 209.7
 56 160.4 122.5 162.5



#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

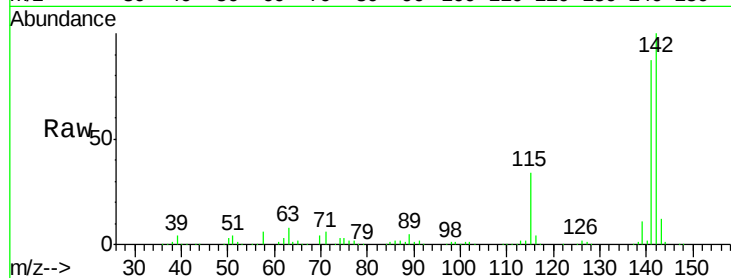




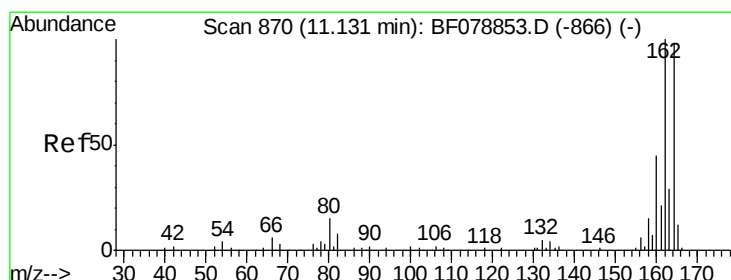
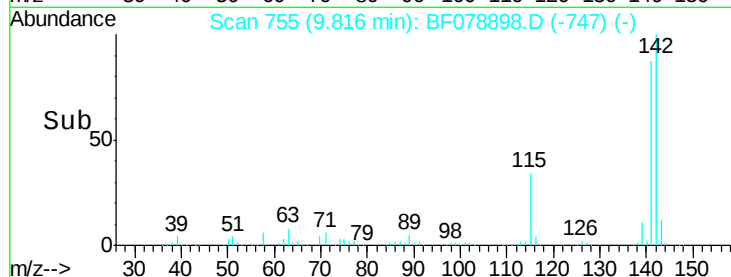
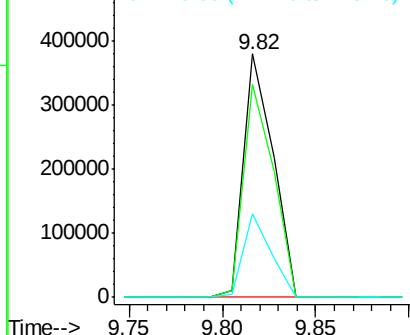
#37
 2-Methylnaphthalene
 Concen: 42.06 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot Ion:142 Resp: 419976
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.9 106.3
 115 34.1 28.5 42.7

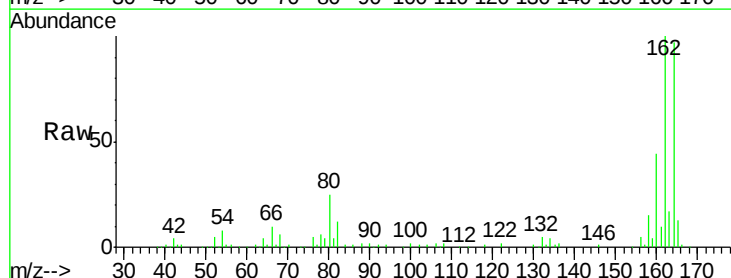


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

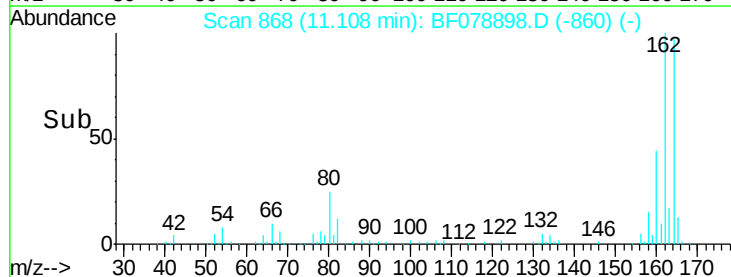
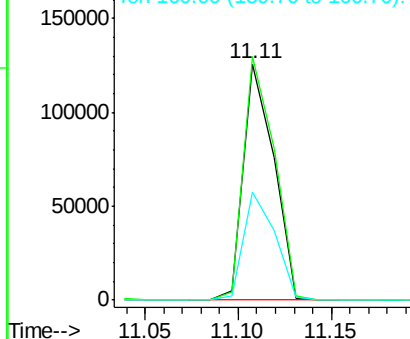


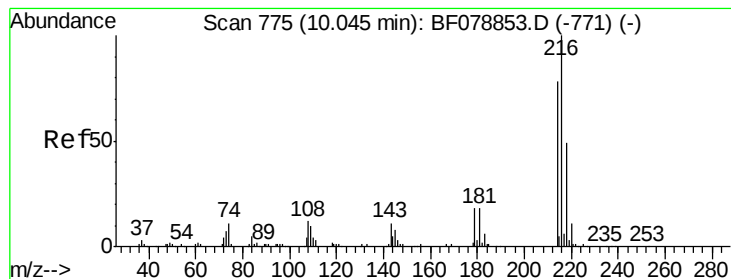
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

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

Tot Ion:216 Resp: 163886

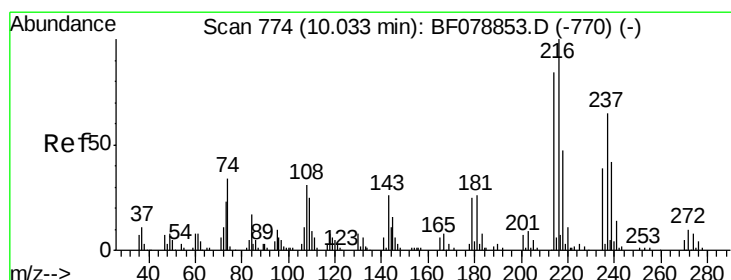
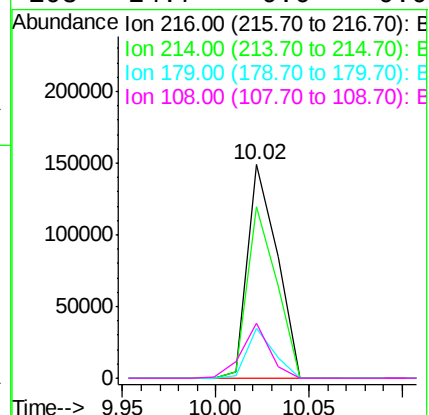
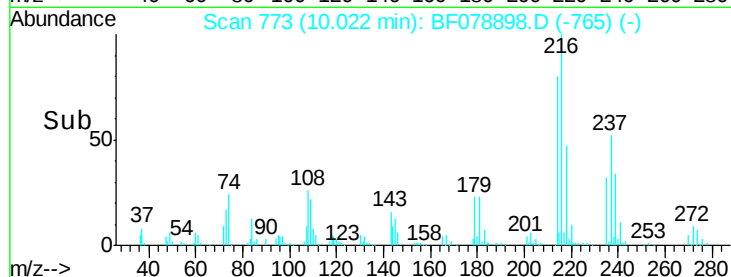
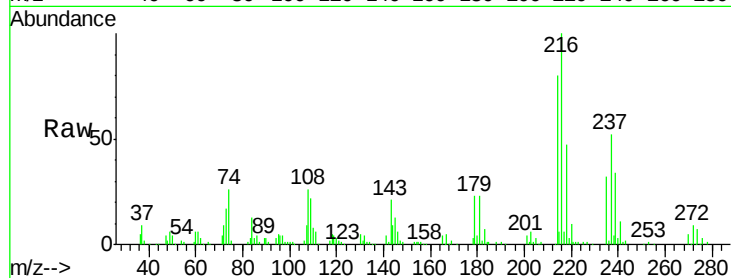
Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

179 21.0 0.0 0.0#

108 24.7 0.0 0.0#



#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

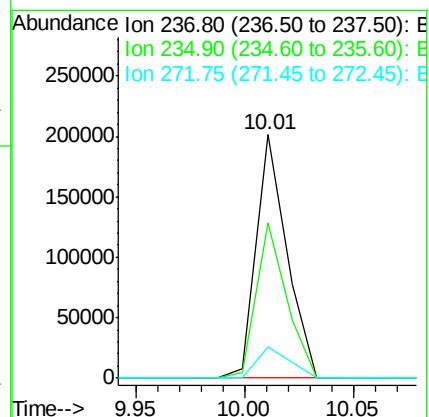
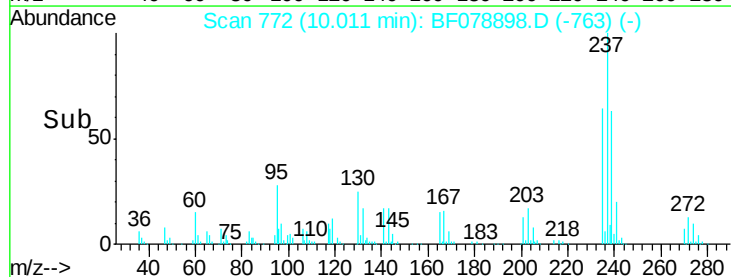
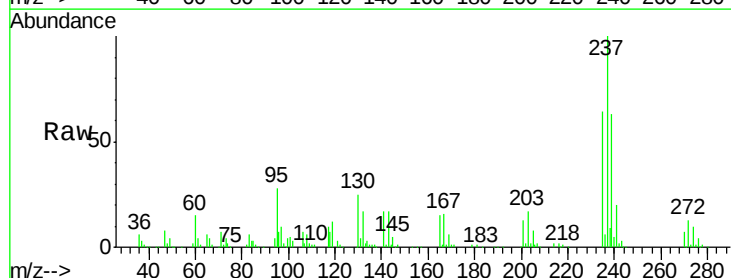
Tgt Ion:237 Resp: 196868

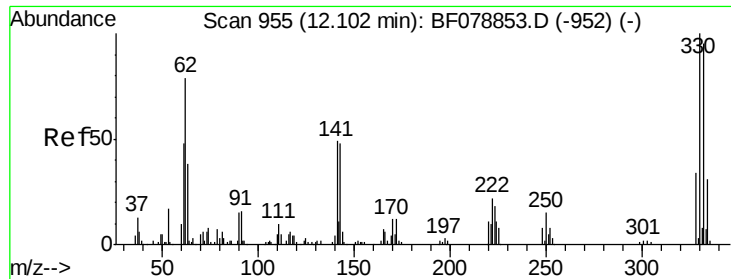
Ion Ratio Lower Upper

237 100

235 64.0 44.7 84.7

272 12.6 0.0 32.6

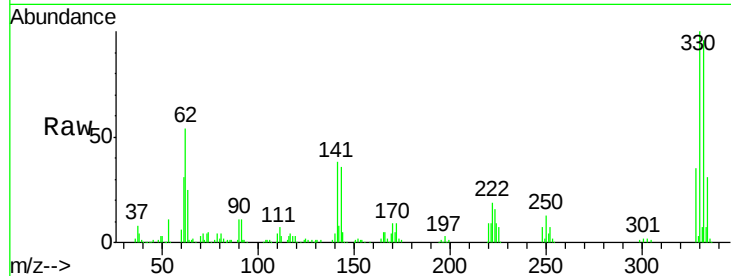




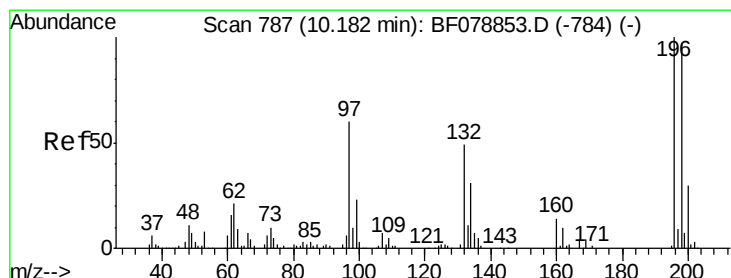
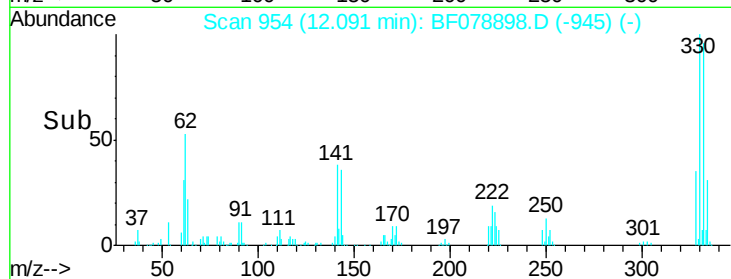
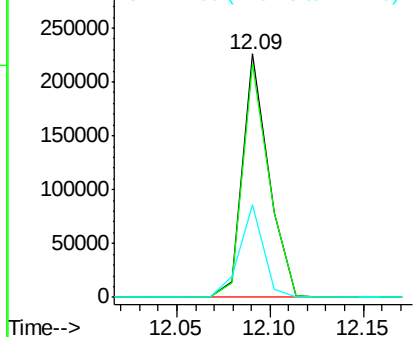
#41
 2,4,6-Tribromophenol
 Concen: 143.58 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

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

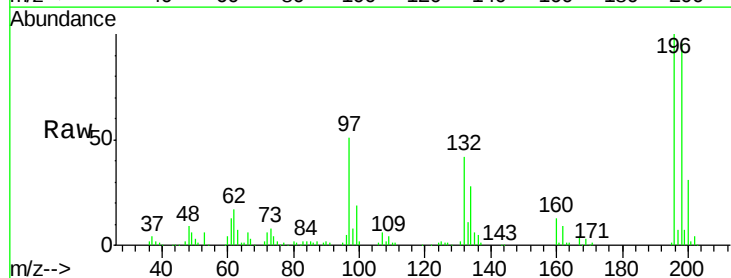


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

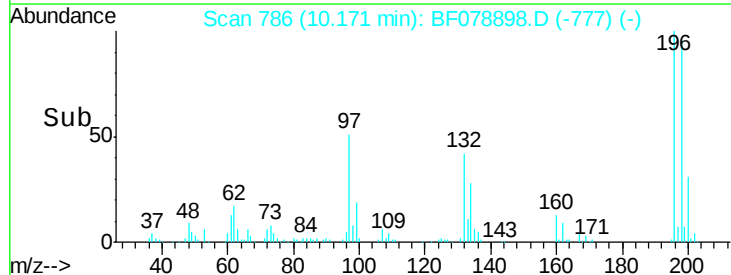
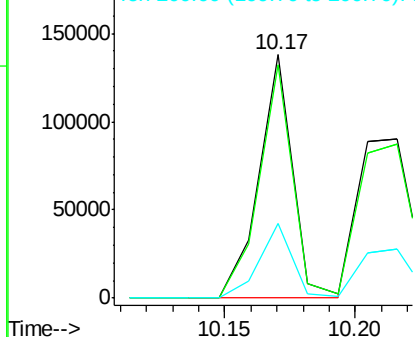


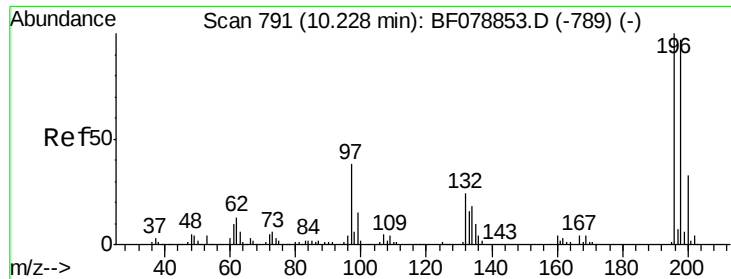
#42
 2,4,6-Trichlorophenol
 Concen: 45.22 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

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

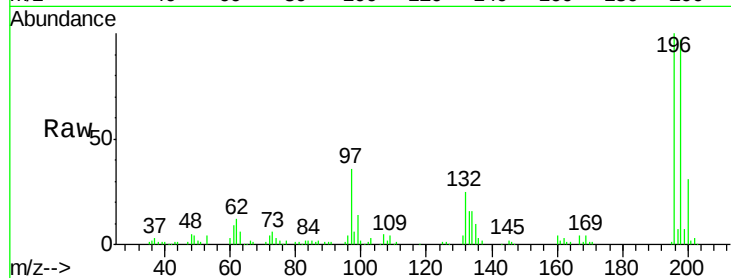




#43
 2,4,5-Trichlorophenol
 Concen: 44.85 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

Tot 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#



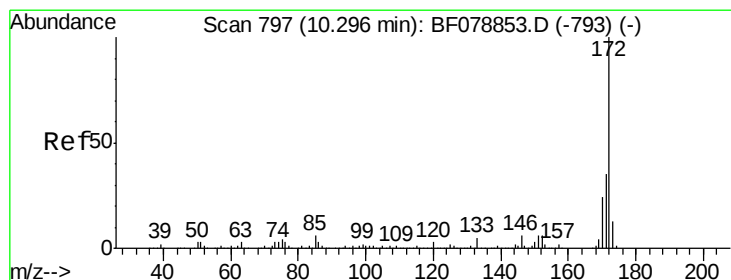
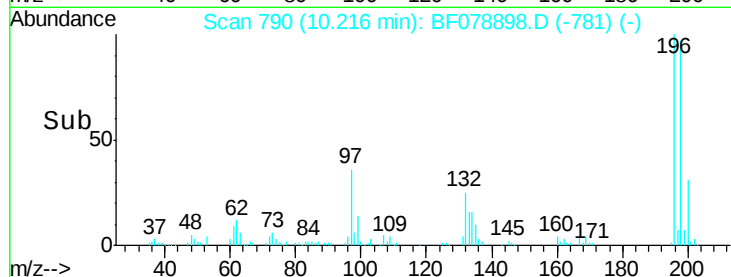
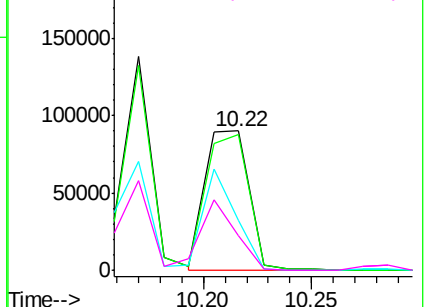
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

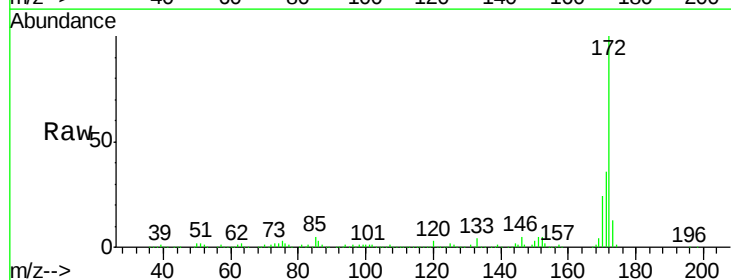
Ion 97.00 (96.70 to 97.70): BF0

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

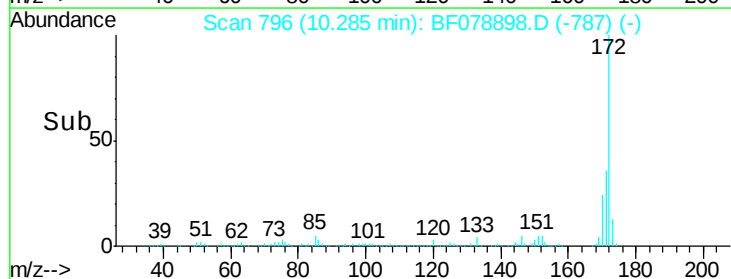
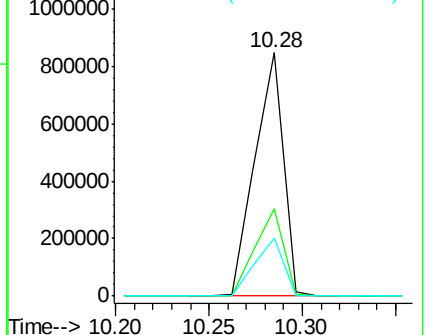


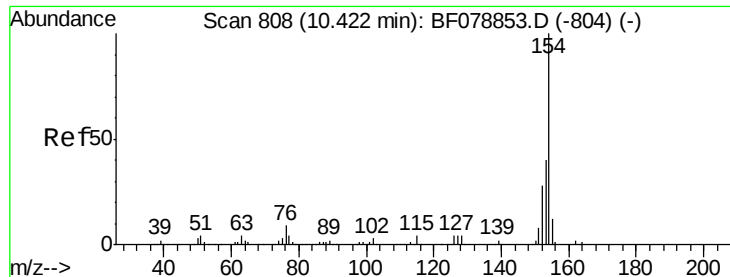
Abundance

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

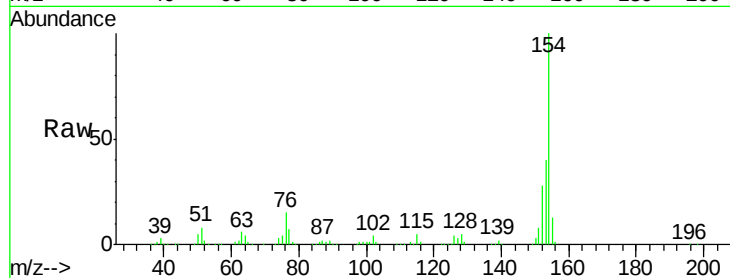
Tot Ion:154 Resp: 494493

Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

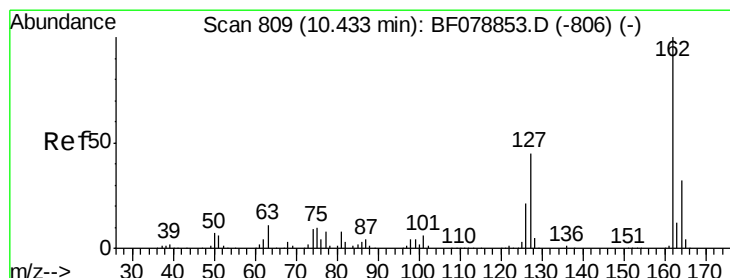
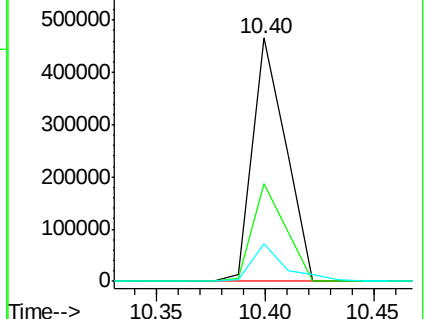
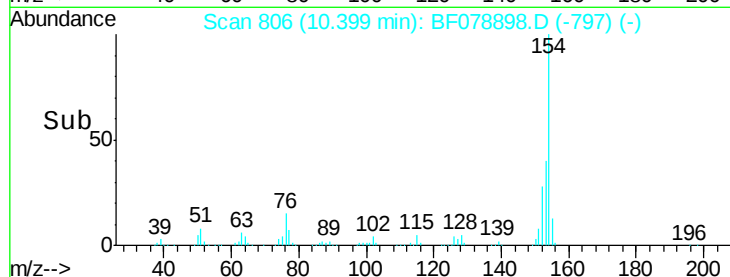
76 15.3 0.0 35.0



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

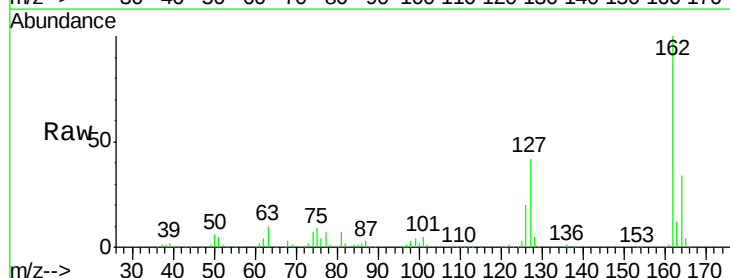
Tgt Ion:162 Resp: 377193

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

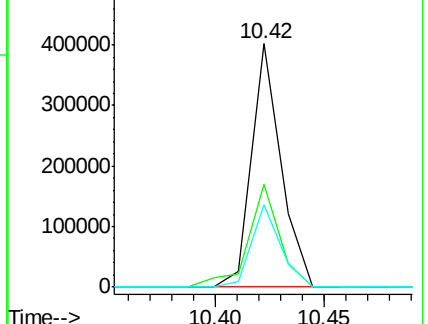
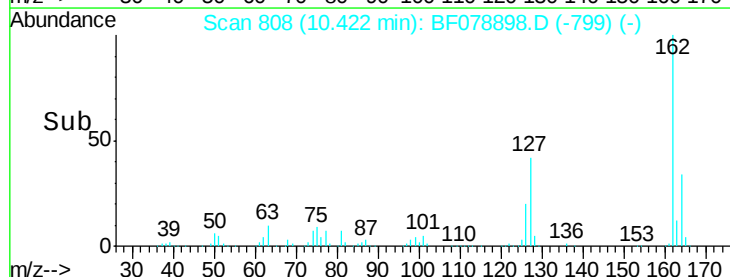
164 33.7 26.3 39.5



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

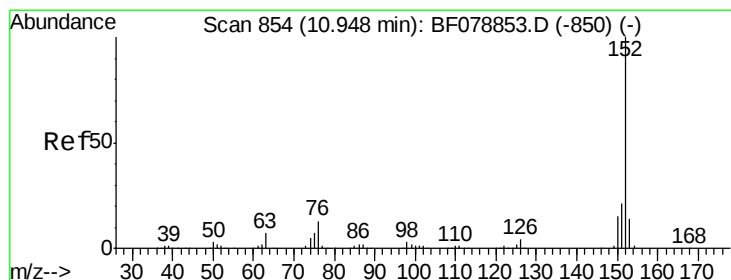
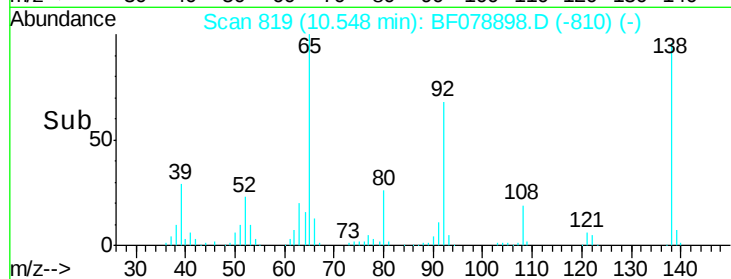
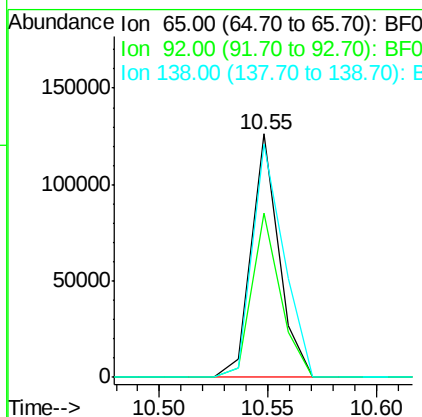
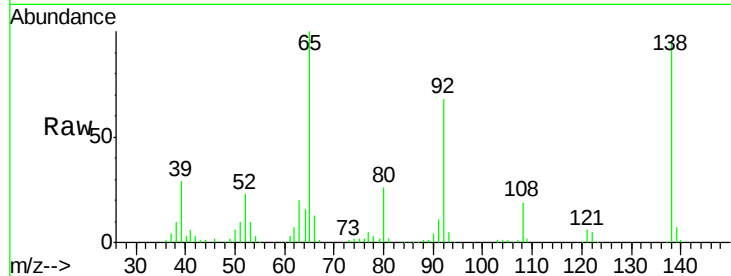




#47
 2-Nitroaniline
 Concen: 43.61 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

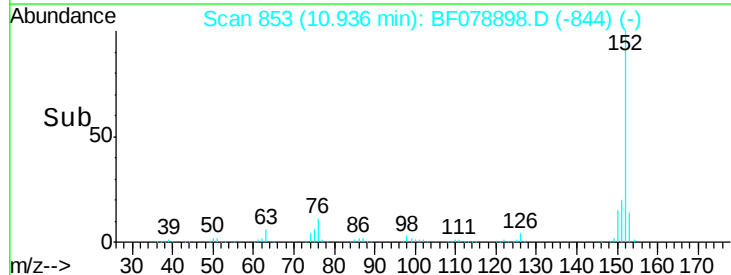
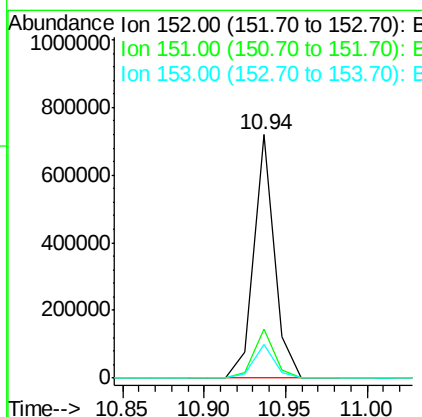
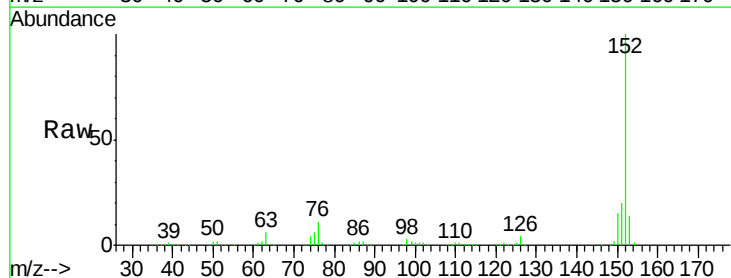
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

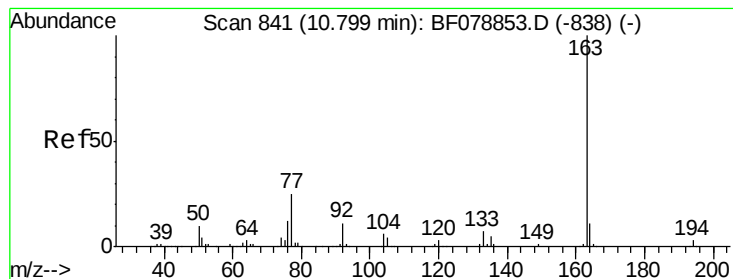
Tot Ion: 65 Resp: 111645
 Ion Ratio Lower Upper
 65 100
 92 67.7 54.0 81.0
 138 95.9 75.0 112.6



#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

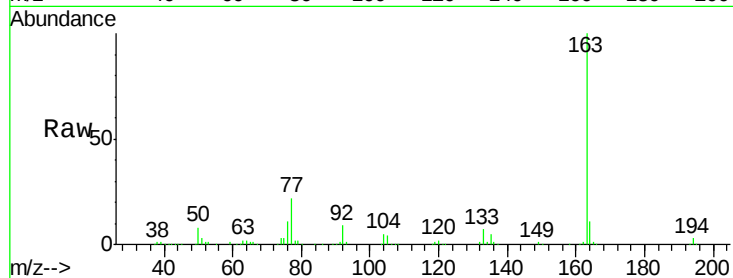
Tot Ion:163 Resp: 462171

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

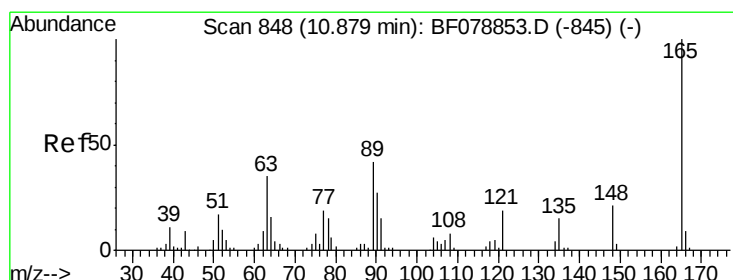
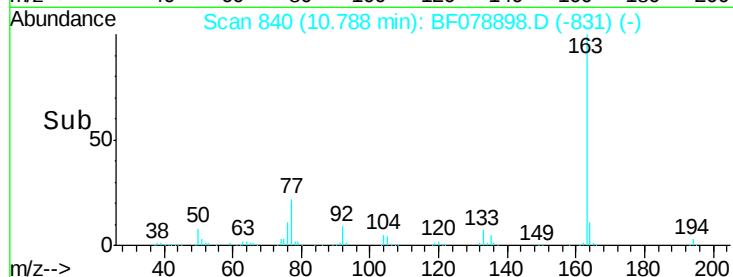
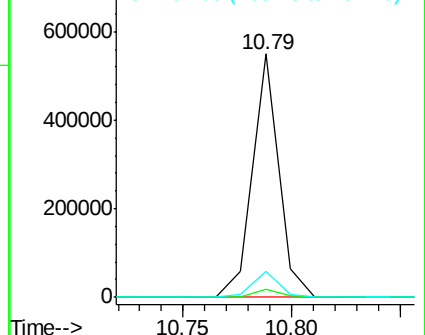
164 10.6 8.1 12.1



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

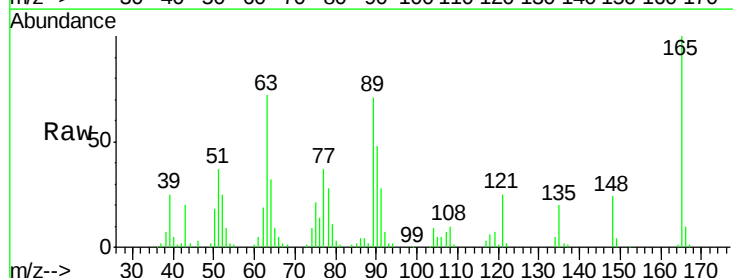
Tgt Ion:165 Resp: 89552

Ion Ratio Lower Upper

165 100

63 72.4 54.4 81.6

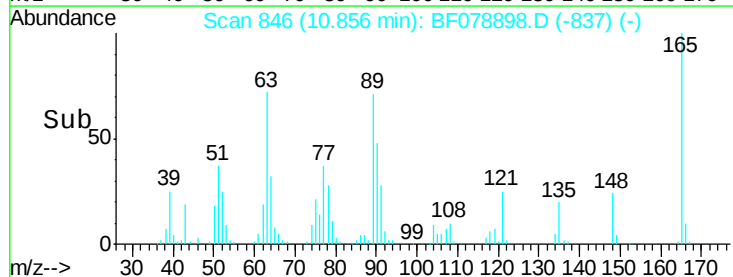
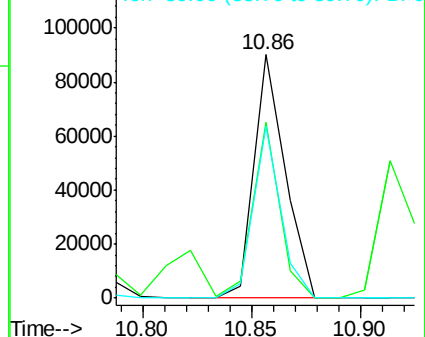
89 70.5 55.7 83.5



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

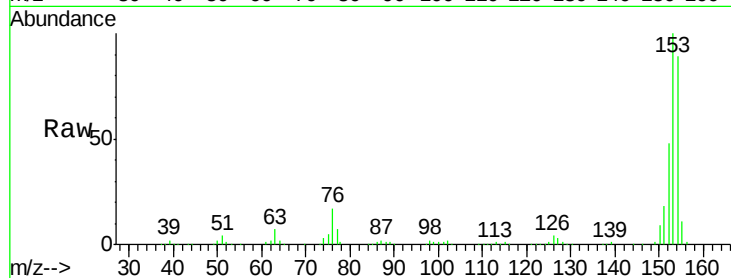
Tot Ion:154 Resp: 373308

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

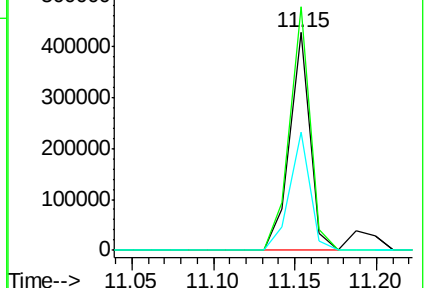
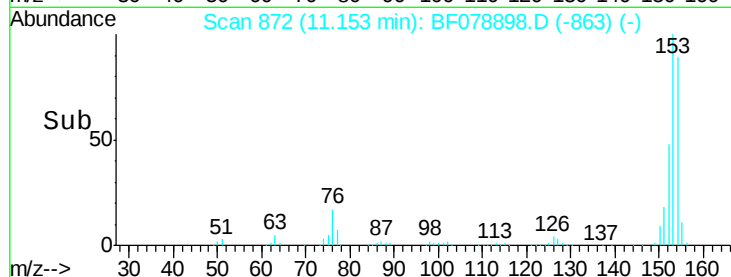
152 54.2 44.2 66.4



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

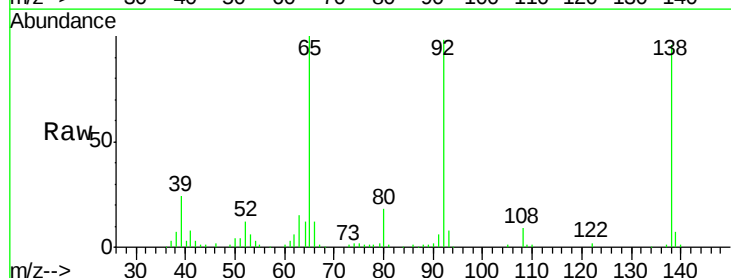
Tgt Ion:138 Resp: 82804

Ion Ratio Lower Upper

138 100

108 9.9 10.6 16.0#

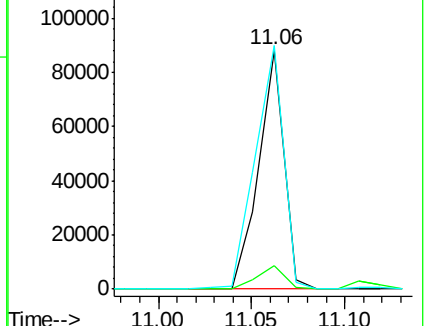
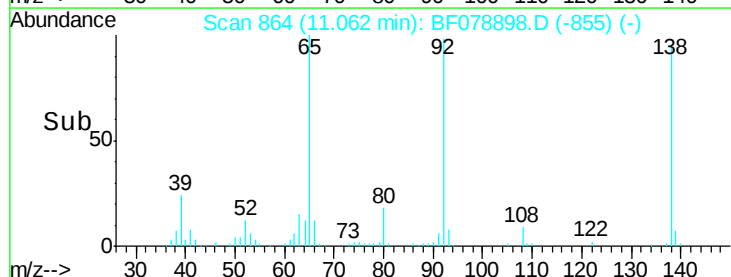
92 102.1 81.8 122.6



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

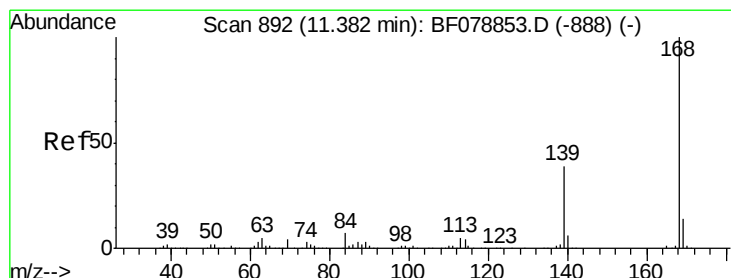
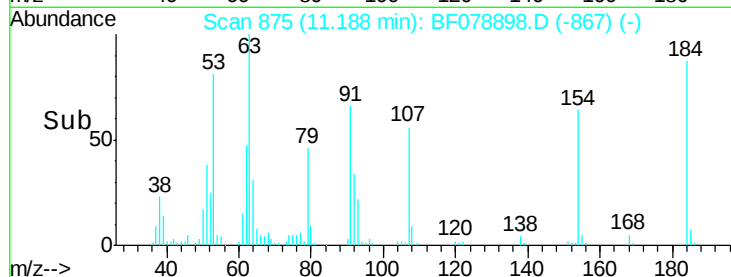
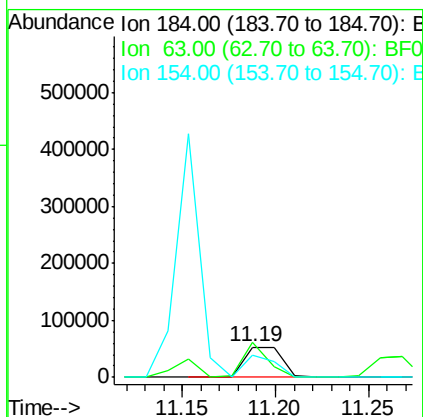
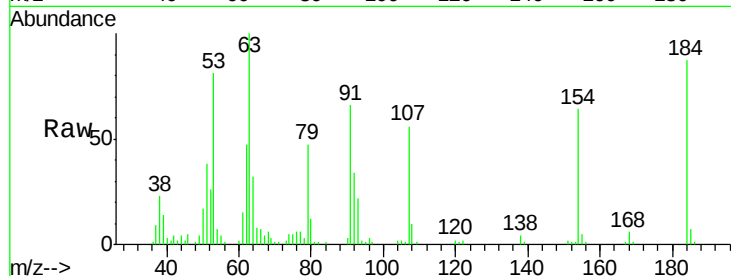




#53
 2,4-Dinitrophenol
 Concen: 82.73 ng
 RT: 11.19 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

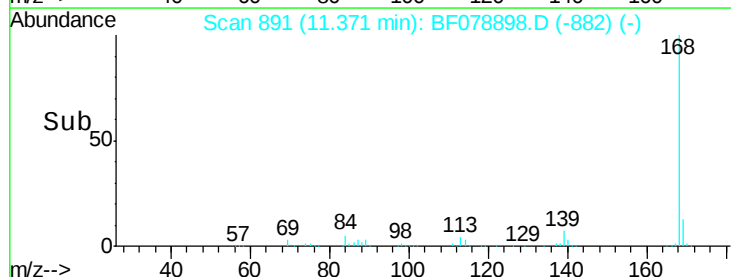
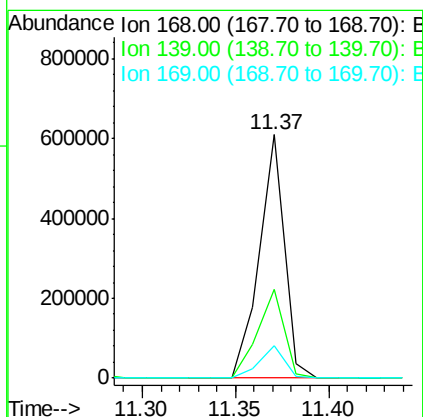
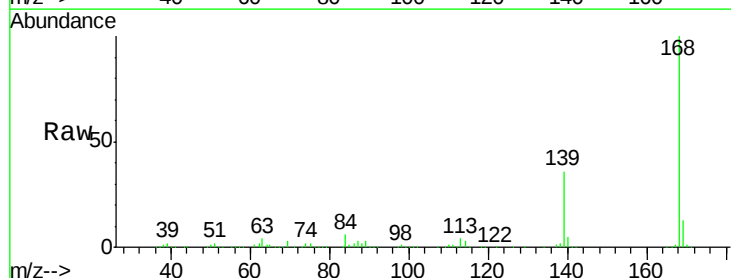
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

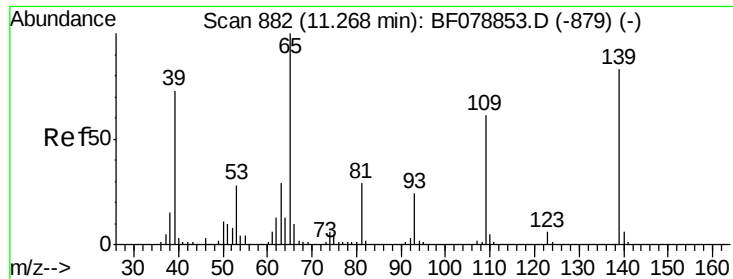
Tot Ion:184 Resp: 74268
 Ion Ratio Lower Upper
 184 100
 63 115.6 63.3 94.9#
 154 73.7 53.8 80.6



#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

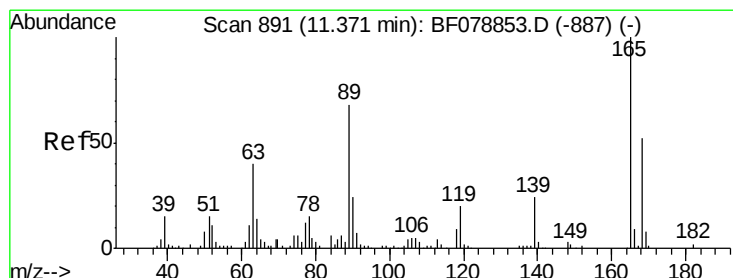
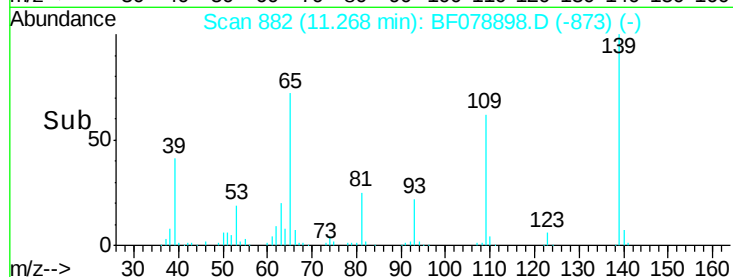
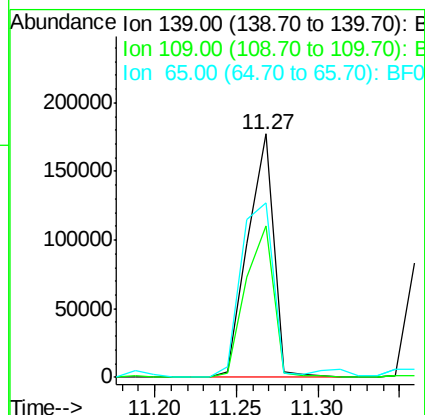
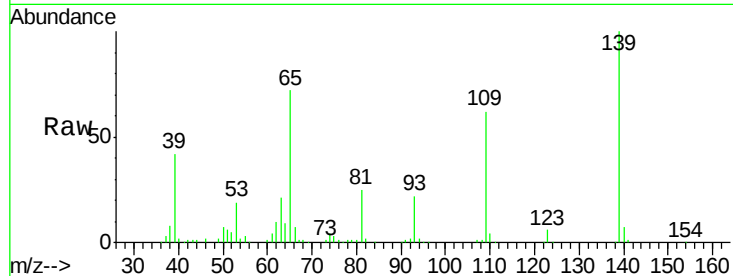




#55
4-Nitrophenol
Concen: 96.16 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

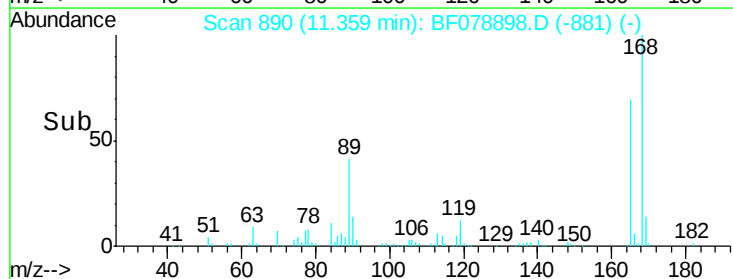
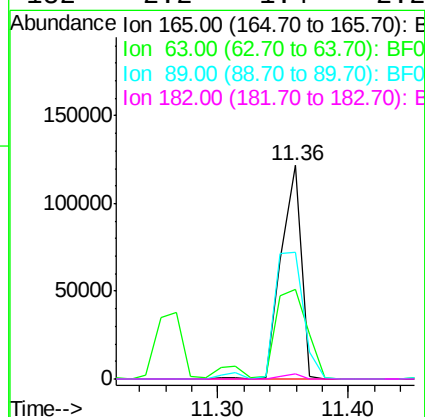
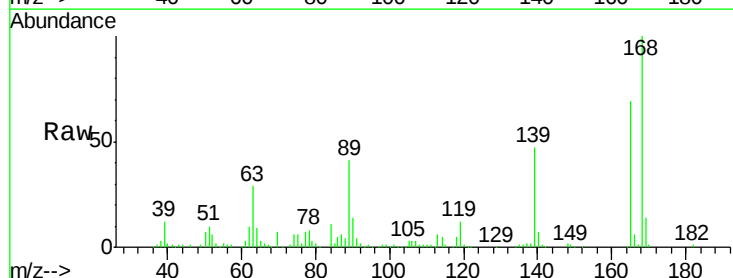
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

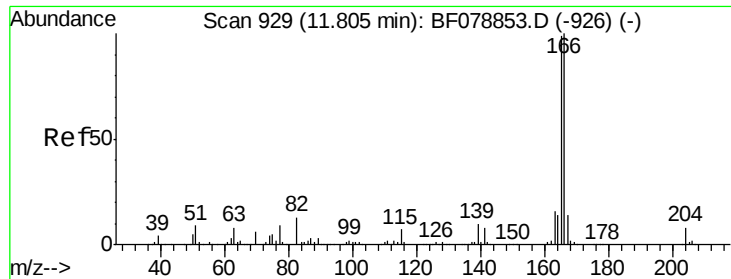
Tot Ion:139 Resp: 196185
Ion Ratio Lower Upper
139 100
109 62.3 47.6 87.6
65 71.7 54.3 94.3



#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#

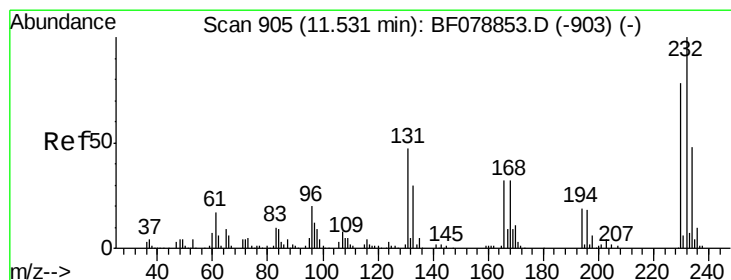
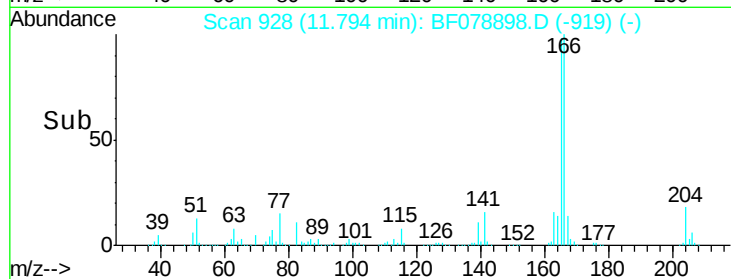
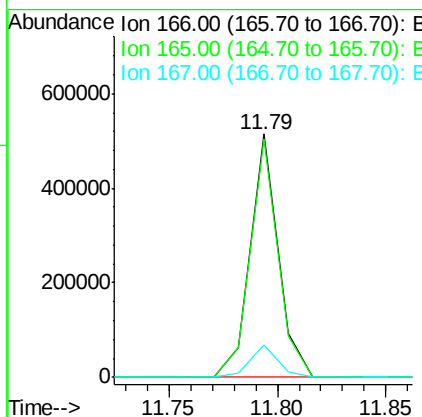
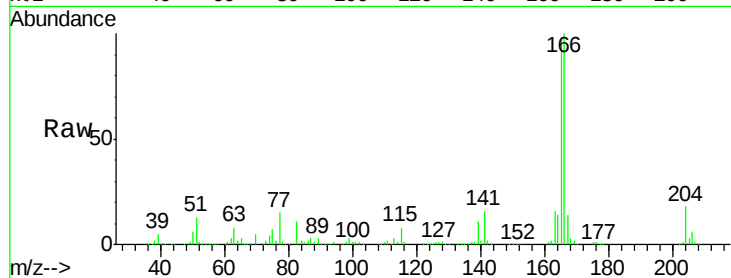




#57
 Fluorene
 Concen: 44.90 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

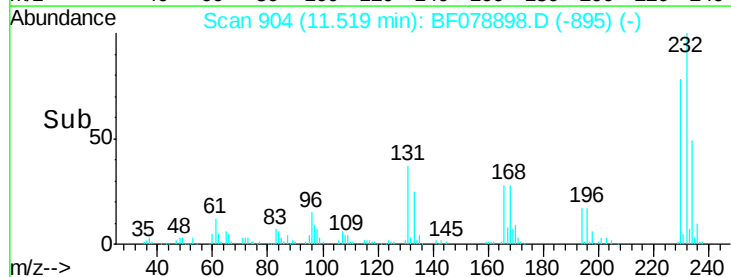
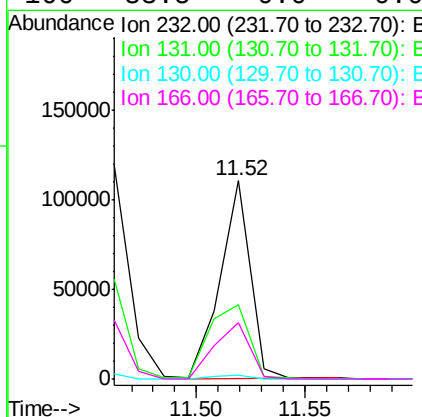
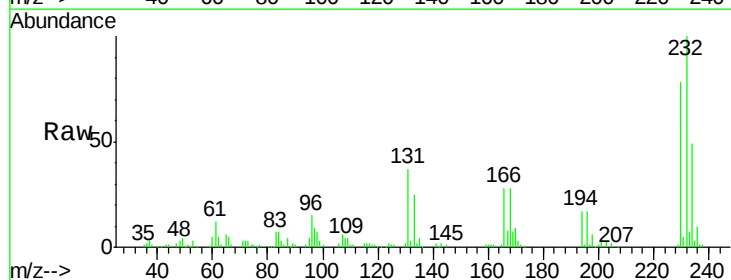
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

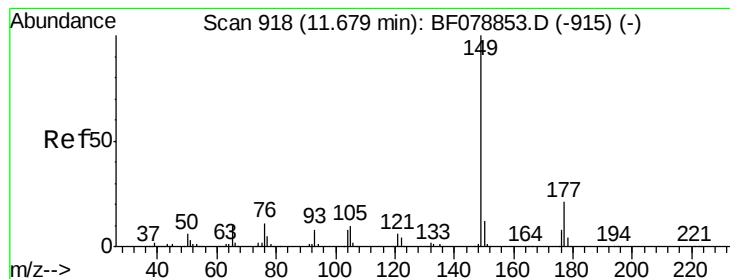
Tot Ion:166 Resp: 460514
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.5 117.7
 167 13.6 11.0 16.6



#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#





#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

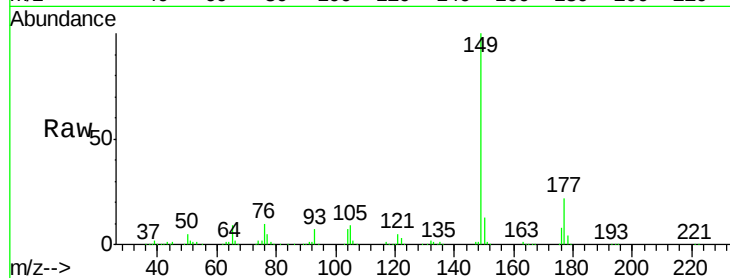
Tot Ion:149 Resp: 469704

Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

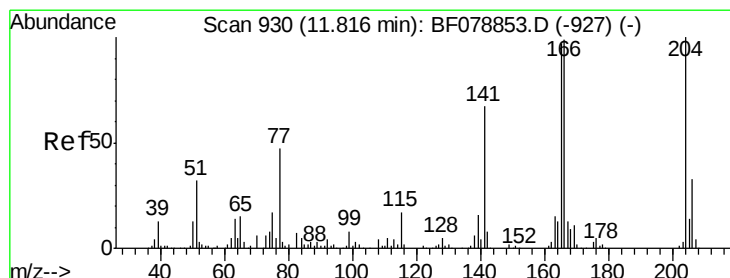
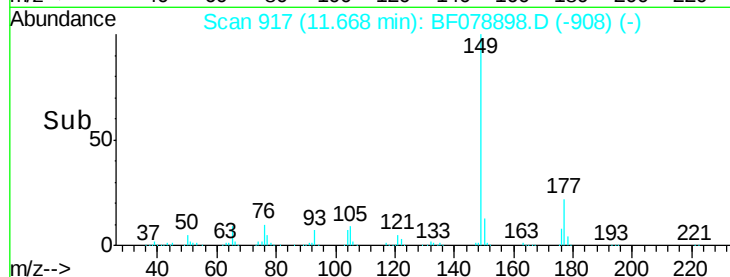
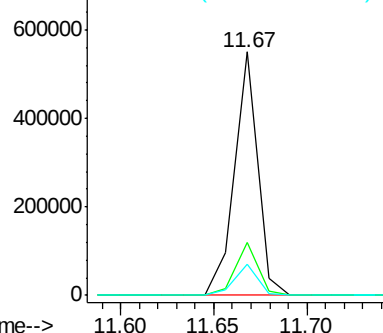
150 12.6 9.6 14.4



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

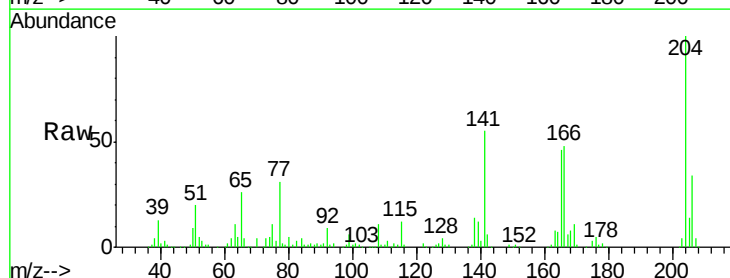
Tgt Ion:204 Resp: 200124

Ion Ratio Lower Upper

204 100

206 33.5 26.9 40.3

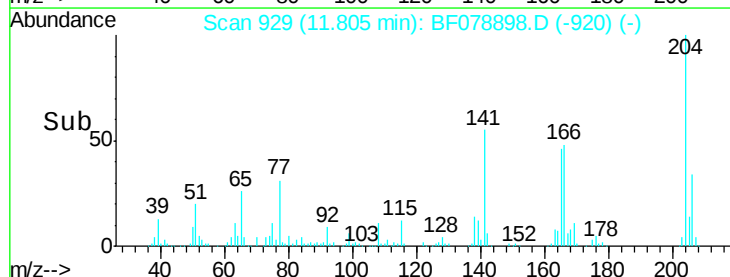
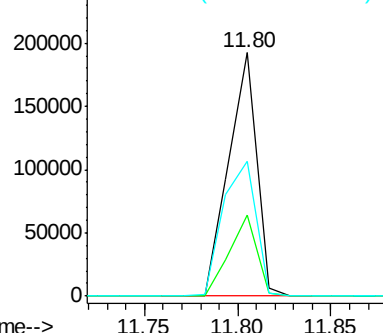
141 55.4 48.3 72.5



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

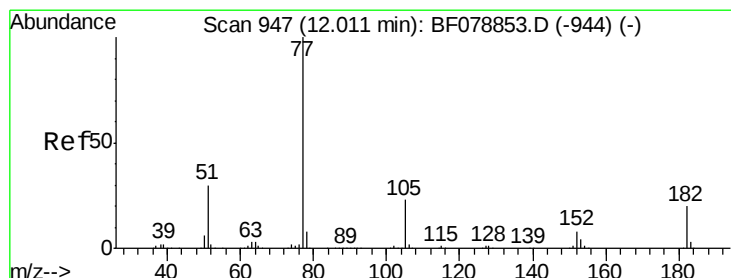
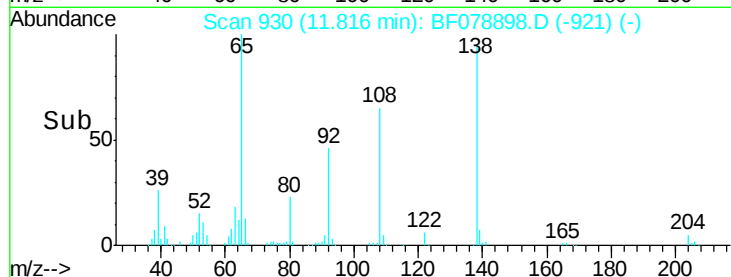
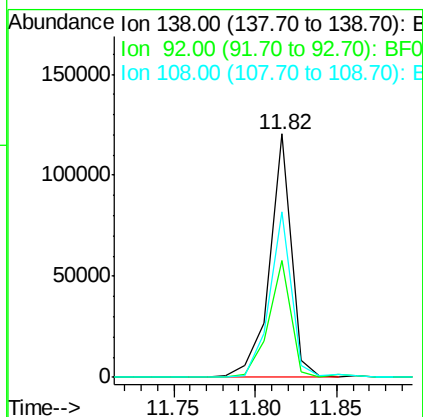
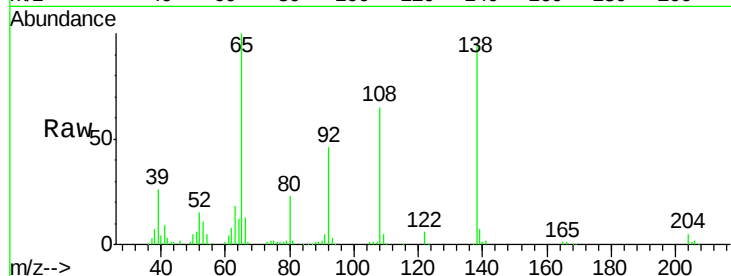




#61
4-Nitroaniline
Concen: 43.51 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

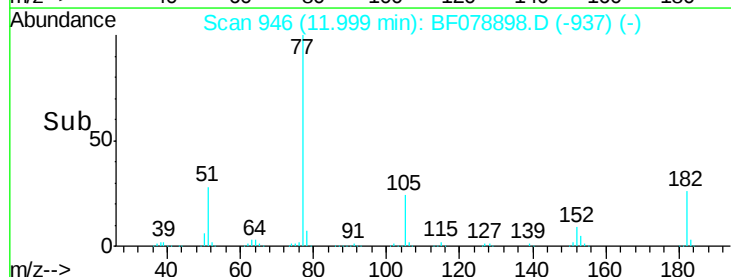
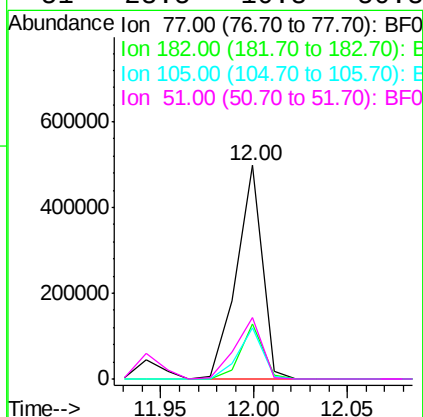
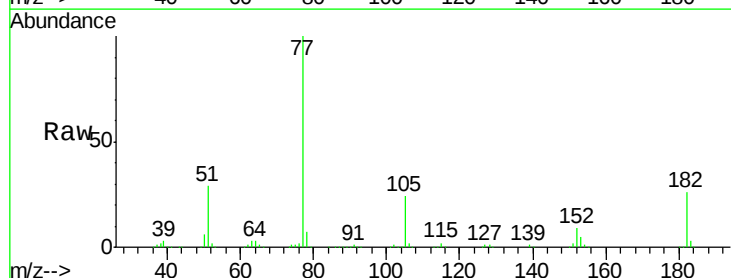
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot 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

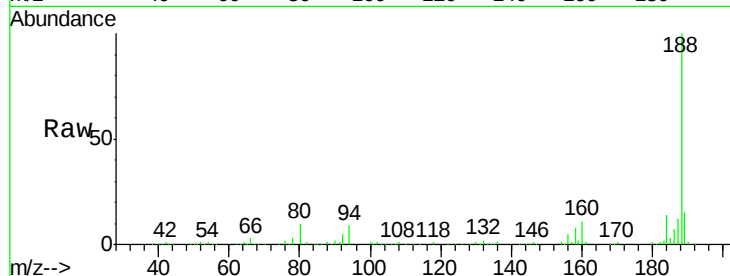
Tot Ion:188 Resp: 277636

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 9.9 8.9 13.3

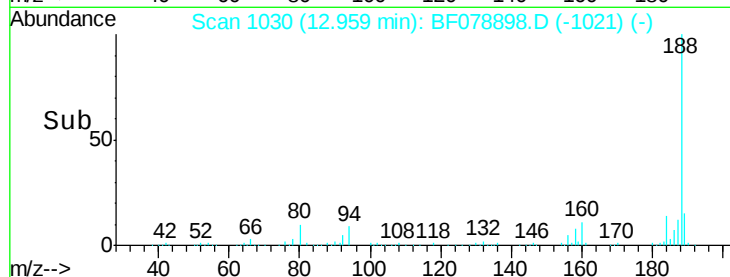


Abundance Ion 188.00 (187.70 to 188.70): E

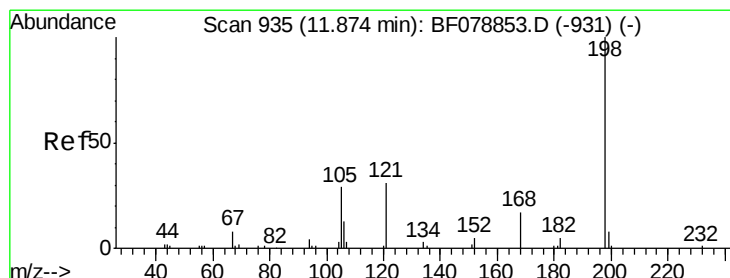
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#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

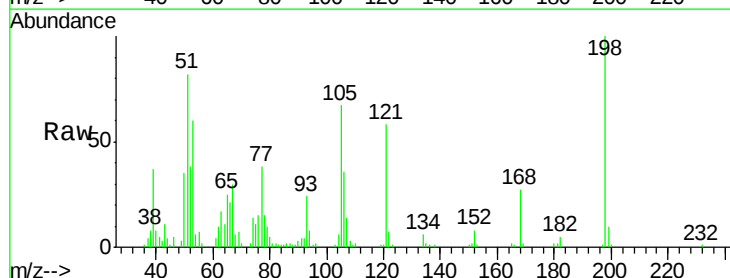
Tgt Ion:198 Resp: 51097

Ion Ratio Lower Upper

198 100

51 82.5 47.3 87.3

105 66.5 38.8 78.8

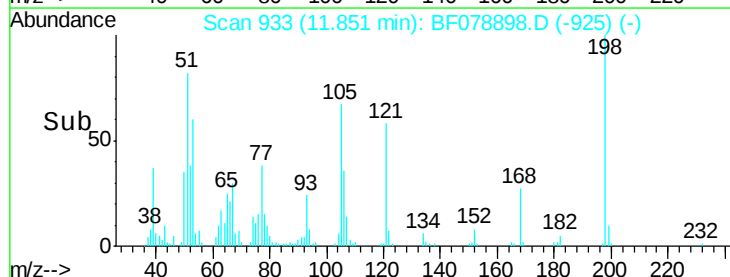


Abundance Ion 198.00 (197.70 to 198.70): E

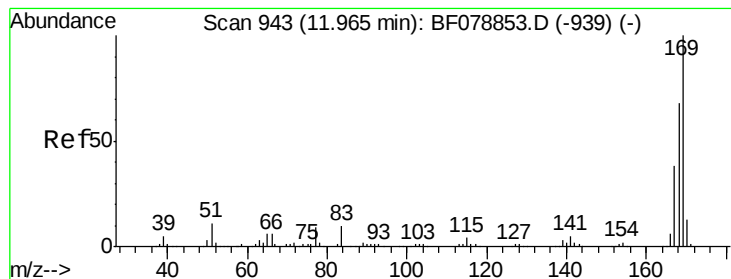
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



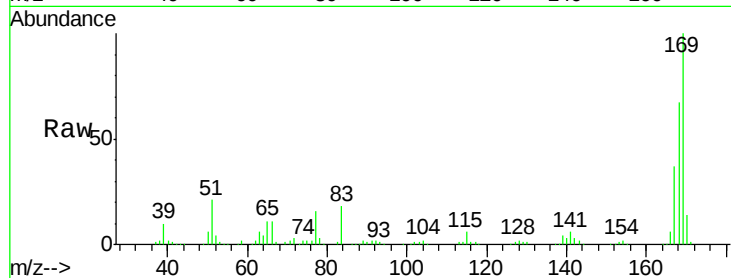
Time-->



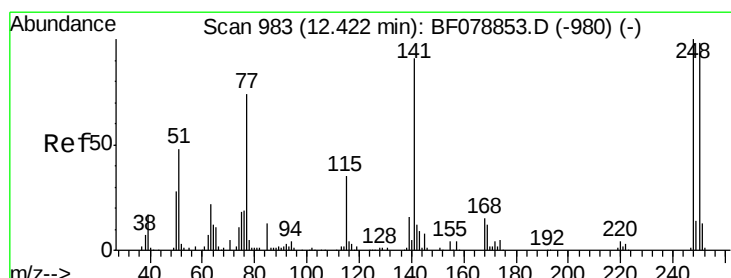
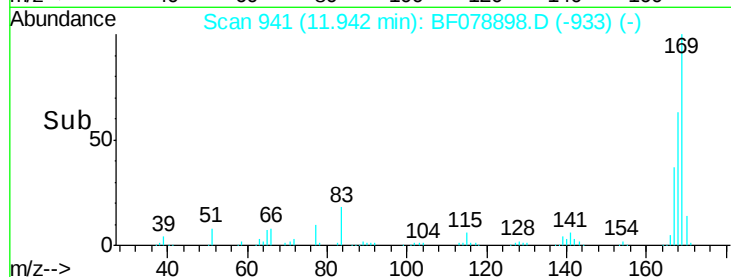
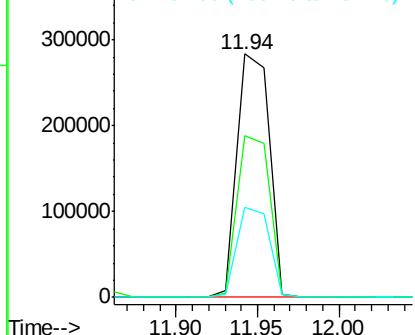
#65
 n-Nitrosodiphenylamine
 Concen: 41.71 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

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

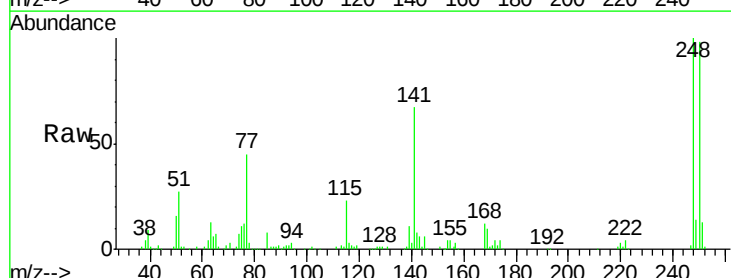


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

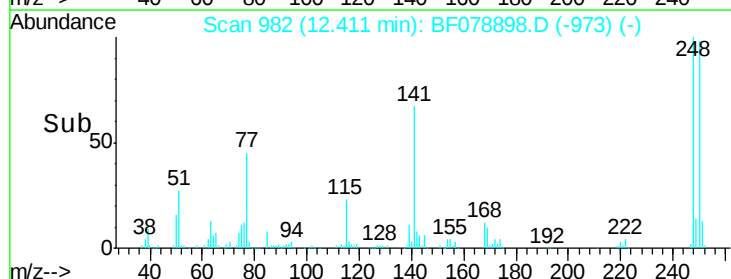
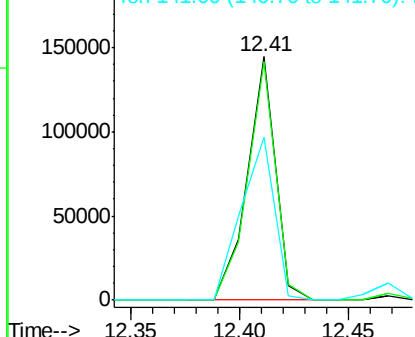


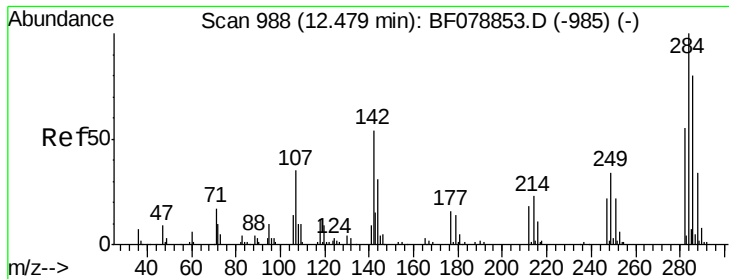
#66
 4-Bromophenyl-phenylether
 Concen: 44.89 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

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

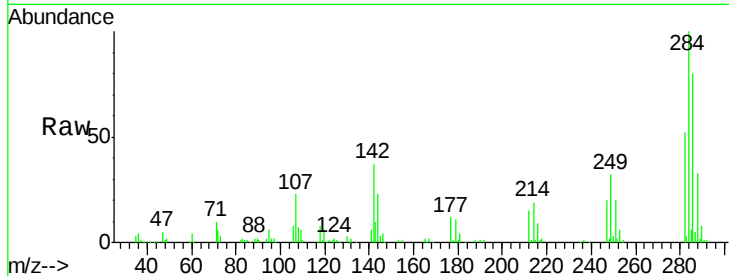




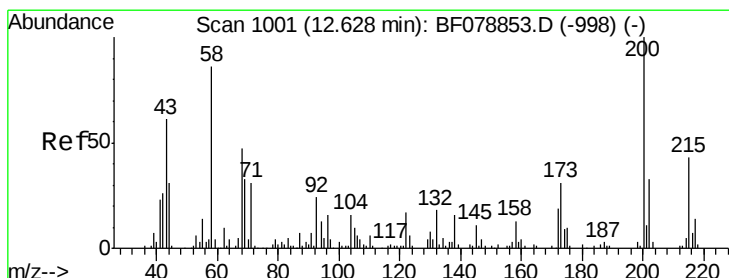
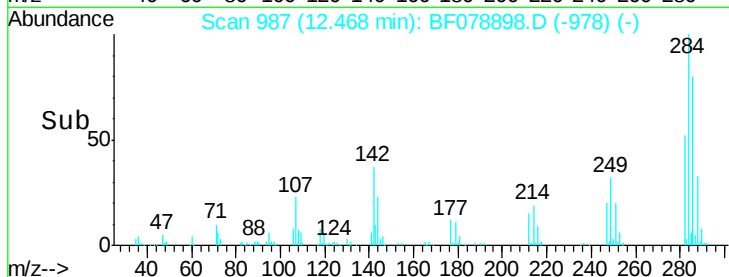
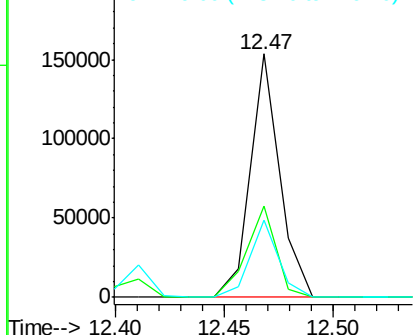
#67
Hexachlorobenzene
Concen: 43.25 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

Instrument :
BNA_F
ClientSampleId :
PB83016BSD

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

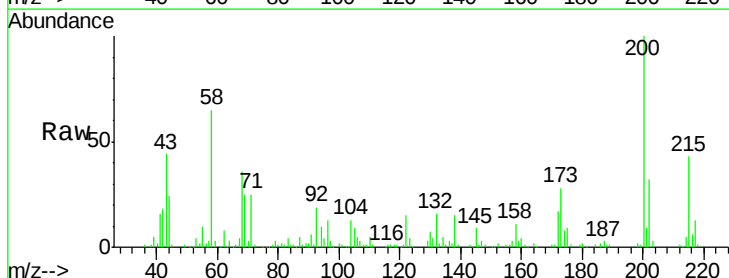


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

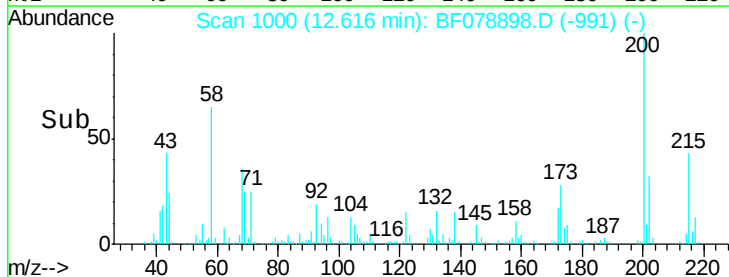
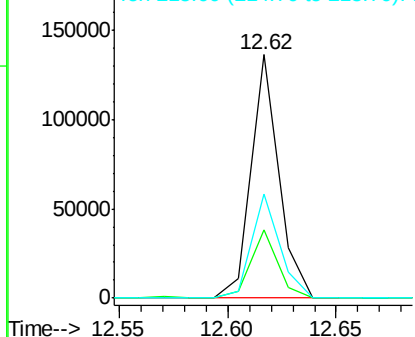


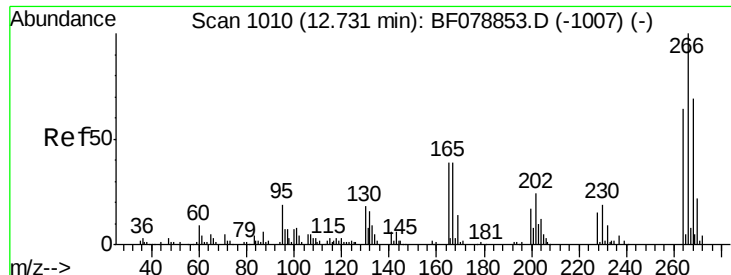
#68
Atrazine
Concen: 44.86 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

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

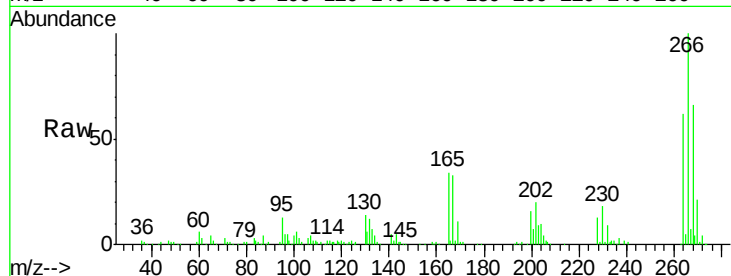




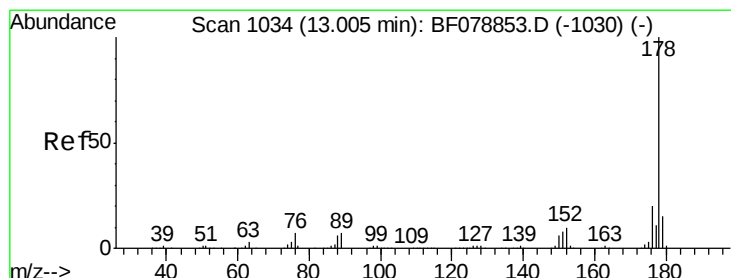
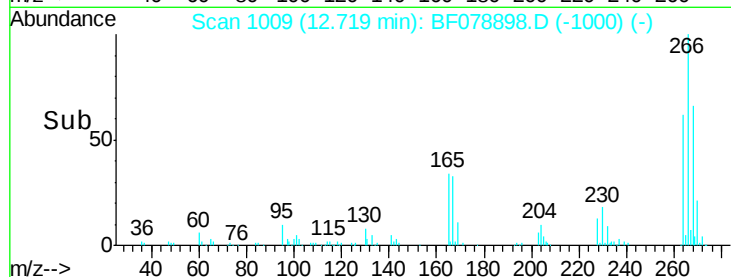
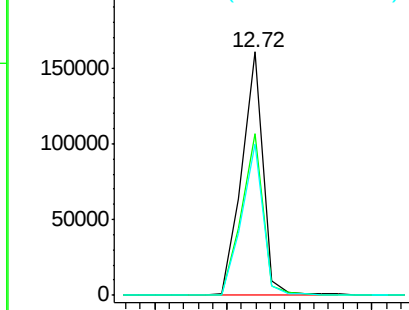
#69
 Pentachlorophenol
 Concen: 84.59 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

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

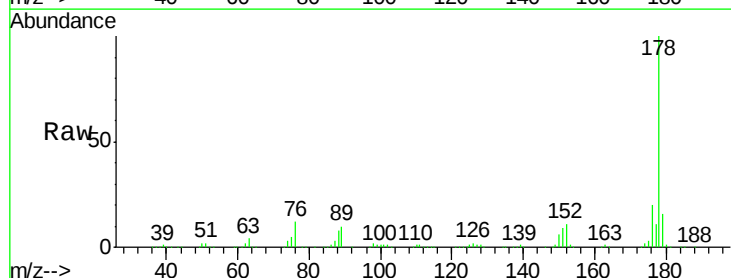


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

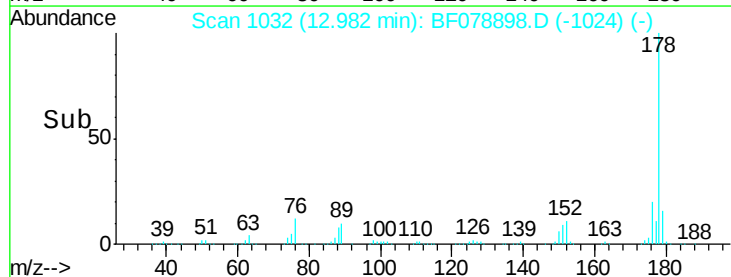
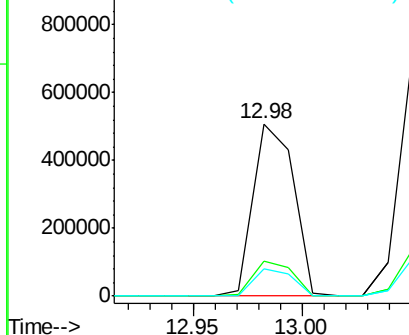


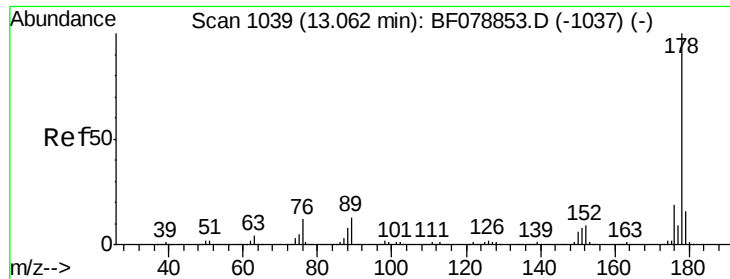
#70
 Phenanthrene
 Concen: 42.66 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

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

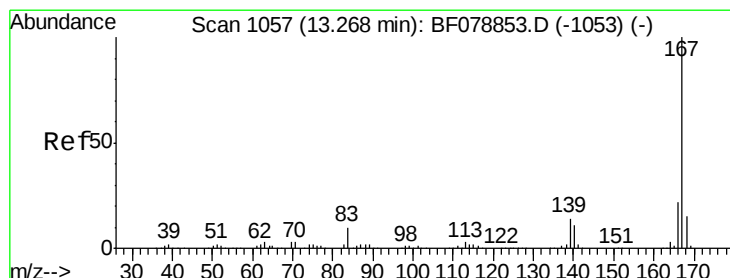
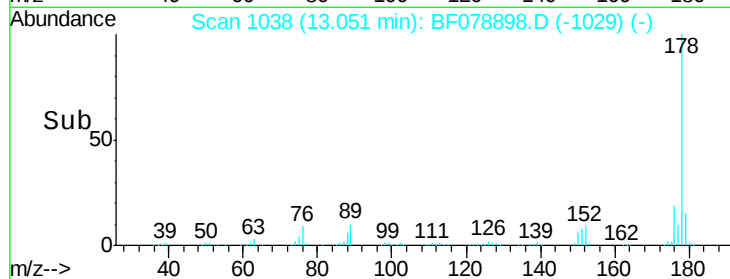
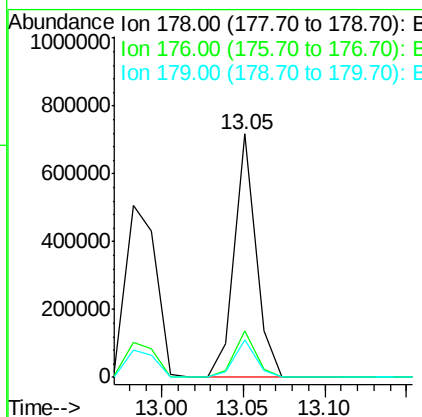
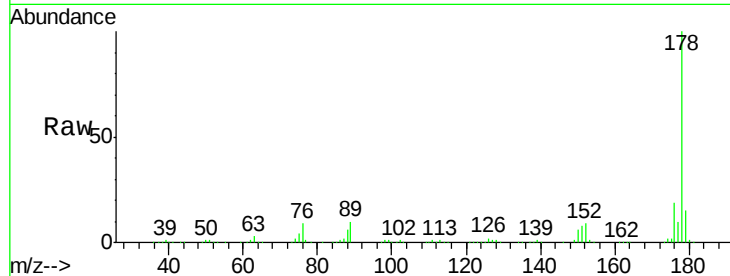




#71
 Anthracene
 Concen: 43.12 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

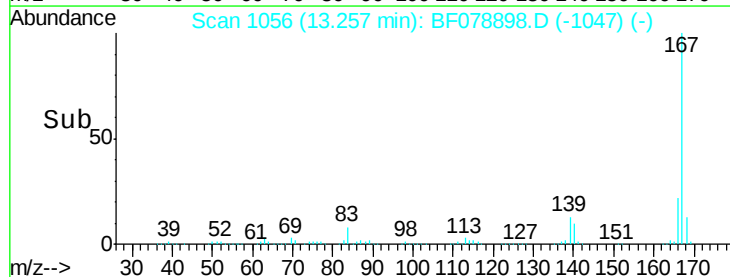
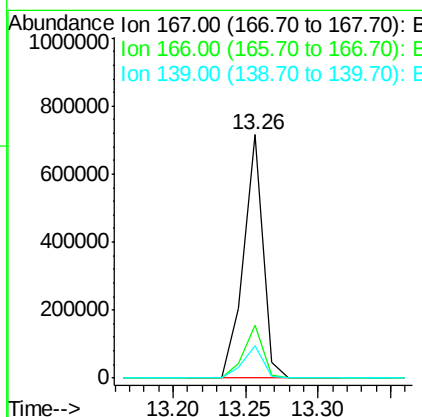
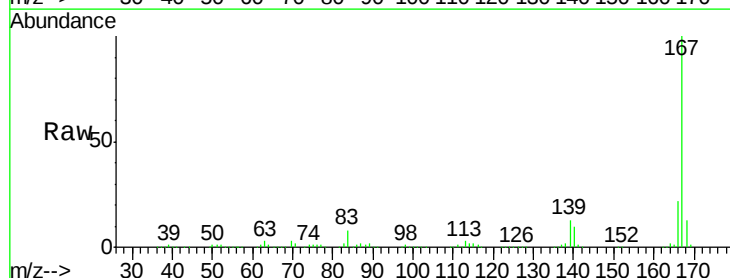
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

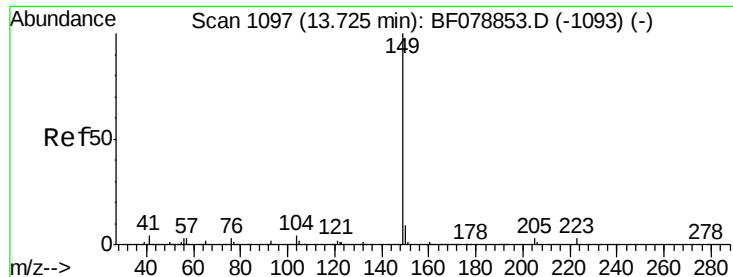
Tot Ion:178 Resp: 657021
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.4 12.7 19.1



#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 :

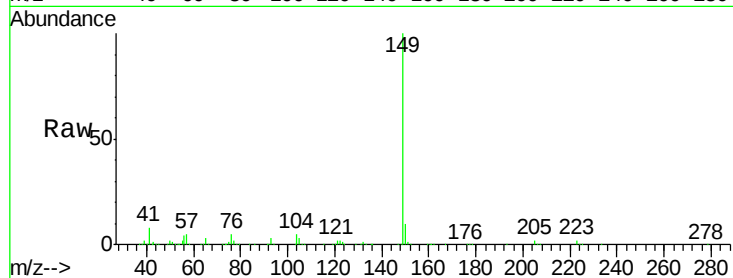
BNA_F

ClientSampleId :

PB83016BSD

Tot Ion:149 Resp: 770926

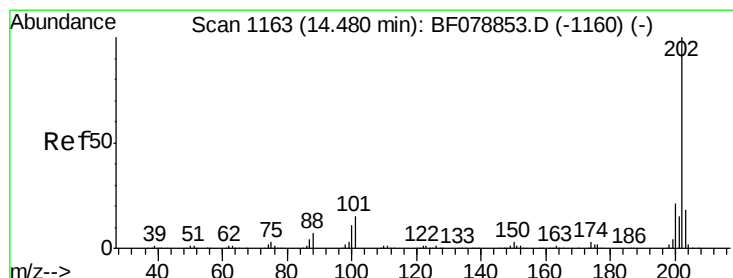
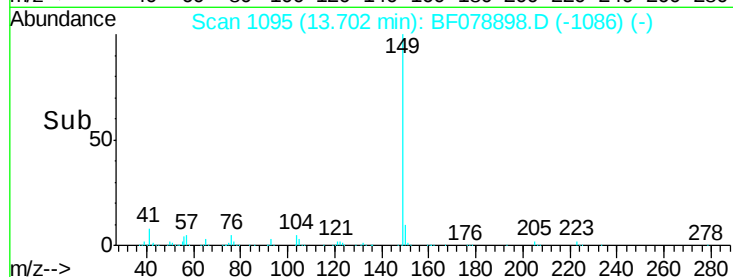
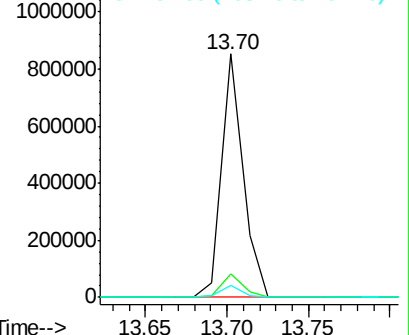
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.6	7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.03 ng

RT: 14.47 min Scan# 1162

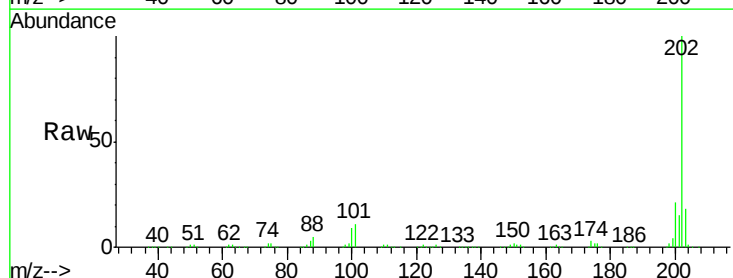
Delta R.T. -0.00 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

Tgt Ion:202 Resp: 712680

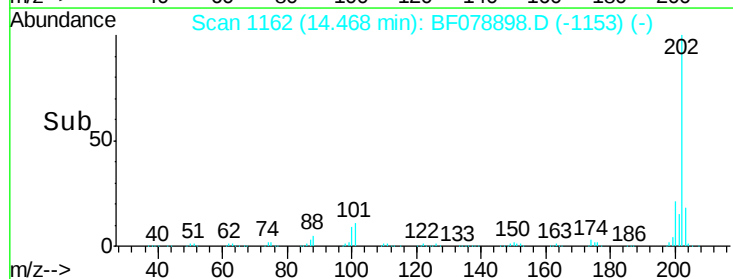
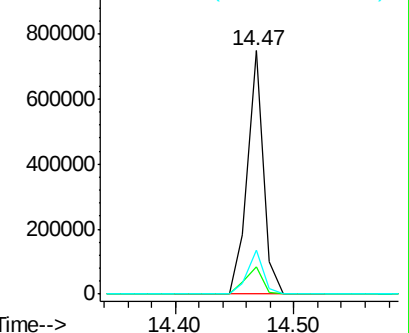
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.6
203	17.8	0.0	38.4

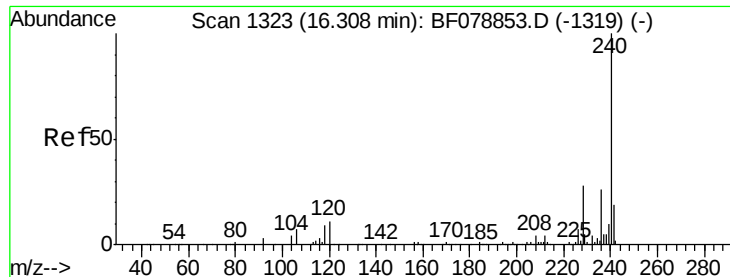


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 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

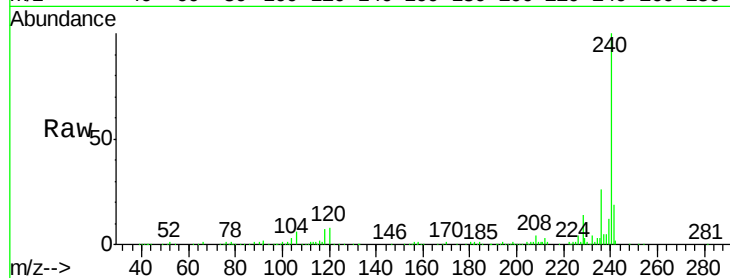
Tot Ion:240 Resp: 285744

Ion Ratio Lower Upper

240 100

120 8.4 9.7 14.5#

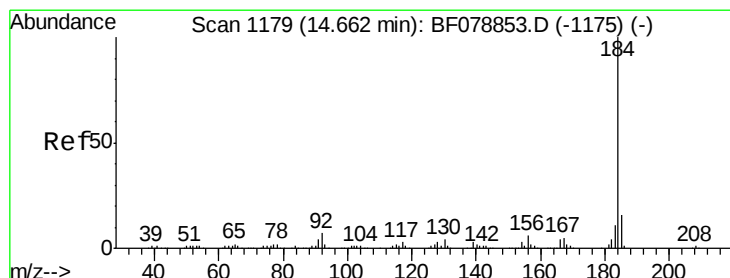
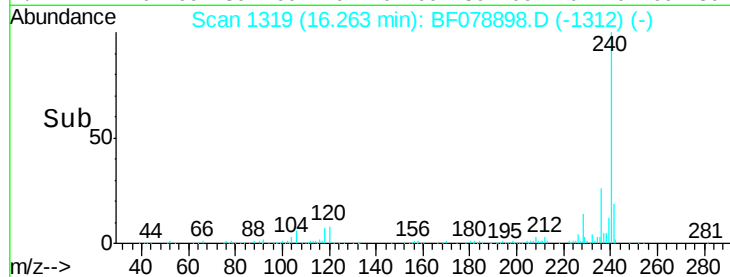
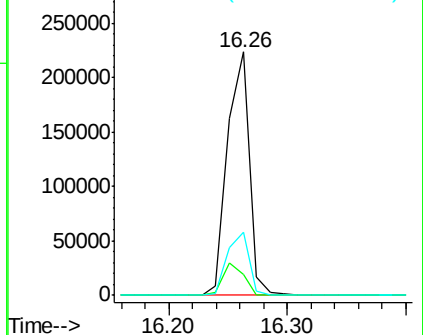
236 25.9 20.2 30.4



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

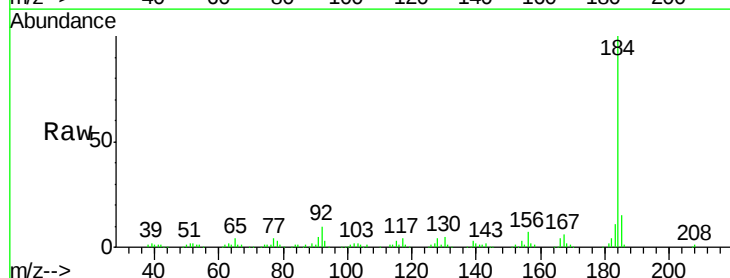
Tgt Ion:184 Resp: 255199

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

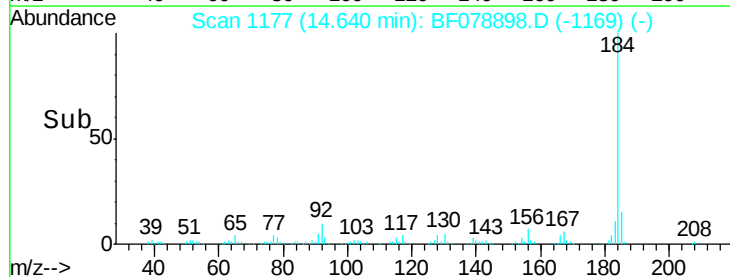
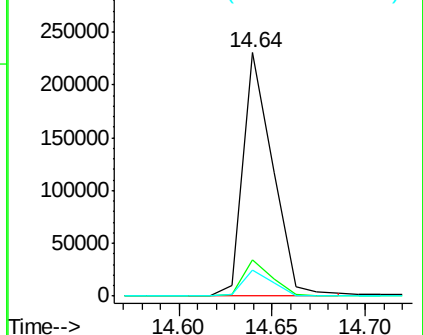
183 10.8 8.4 12.6



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

Pvrene

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

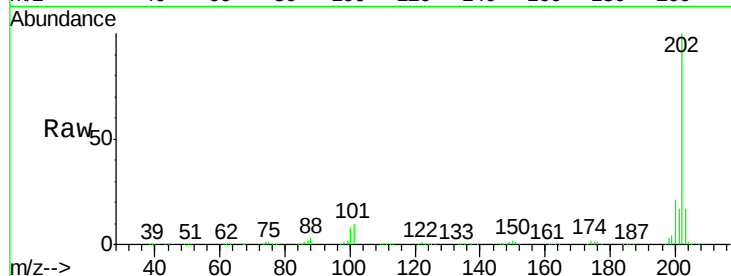
Tot Ion:202 Resp: 744050

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

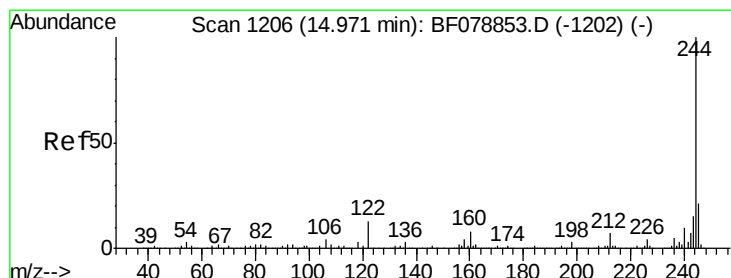
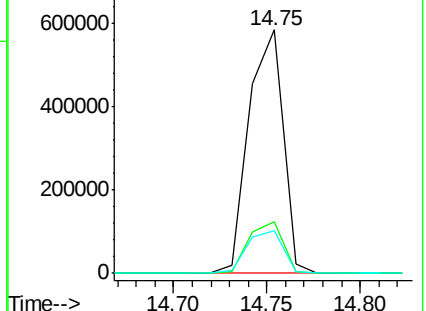
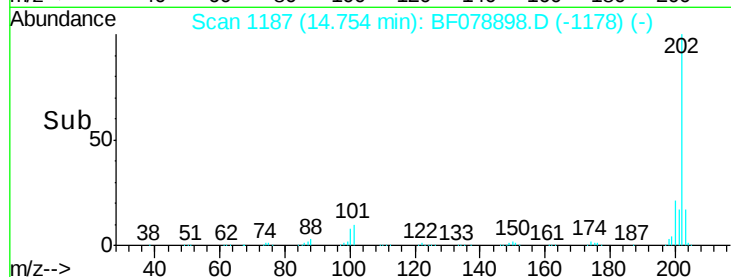
203 17.3 13.9 20.9



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

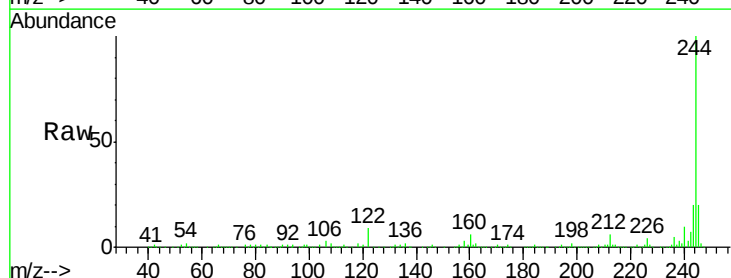
Tgt Ion:244 Resp: 1031102

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

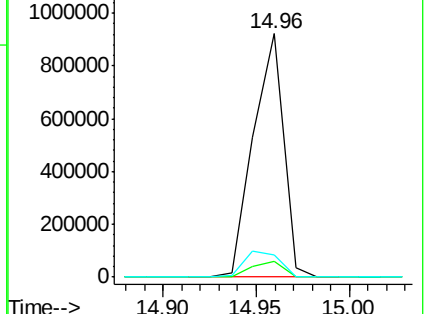
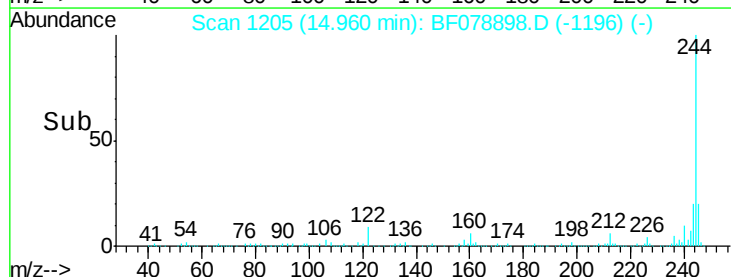
122 9.1 10.3 15.5#



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

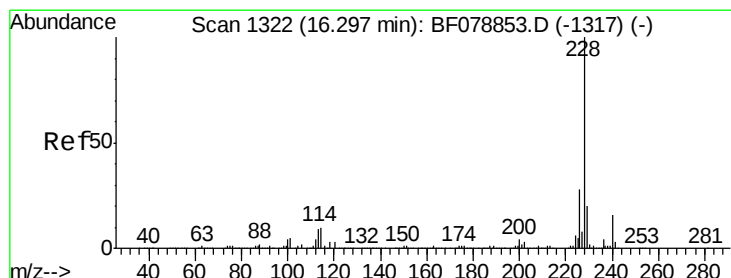
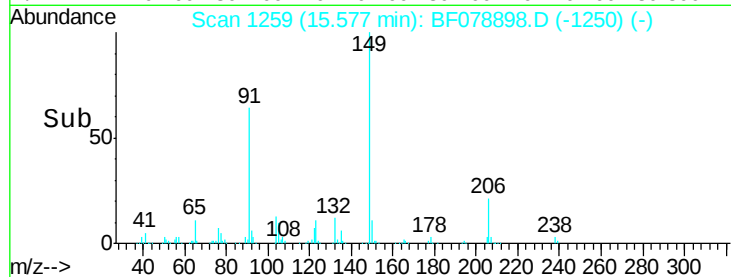
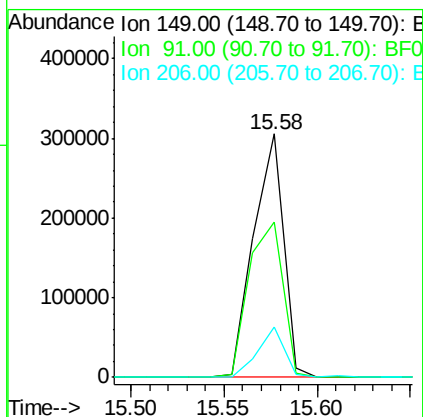
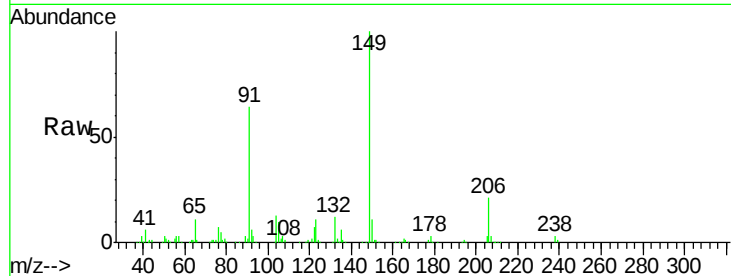




#79
Butylbenzylphthalate
Concen: 47.18 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

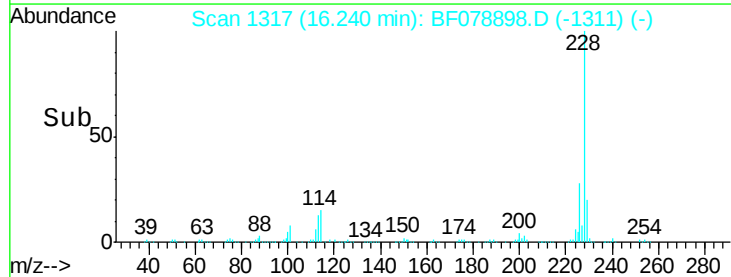
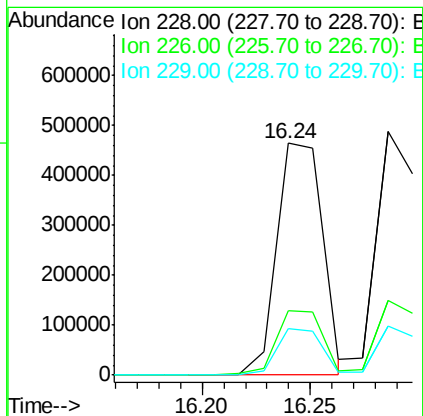
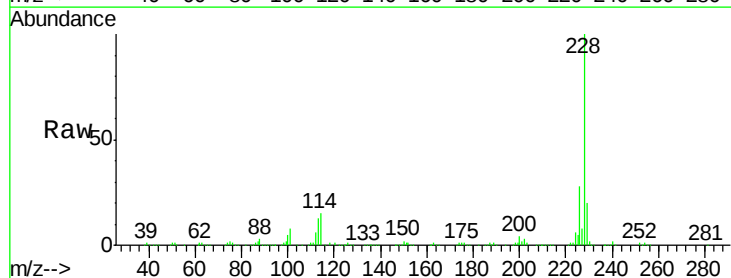
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

Tot 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

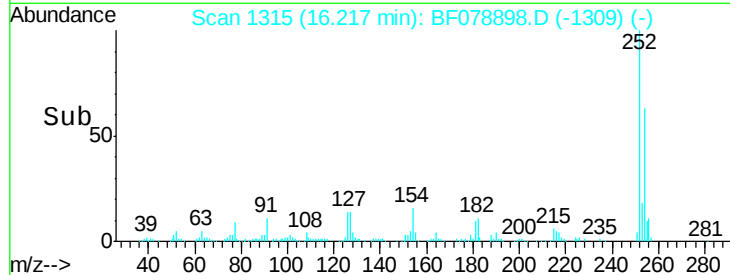
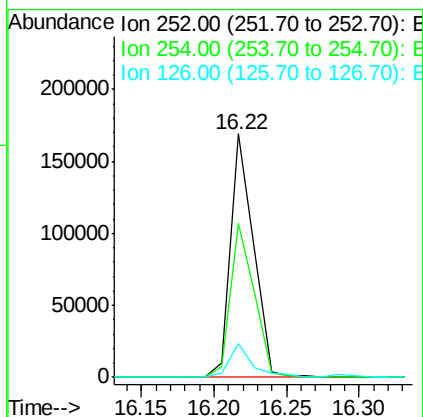
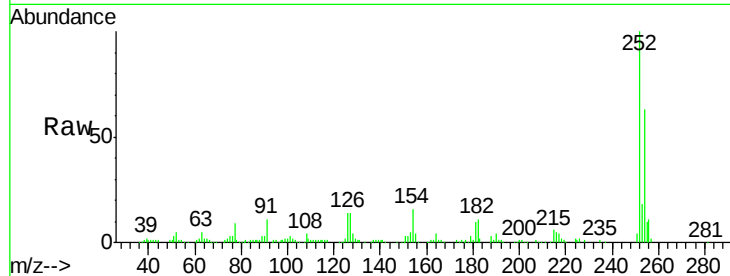




#81
 3,3'-Dichlorobenzidine
 Concen: 33.57 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

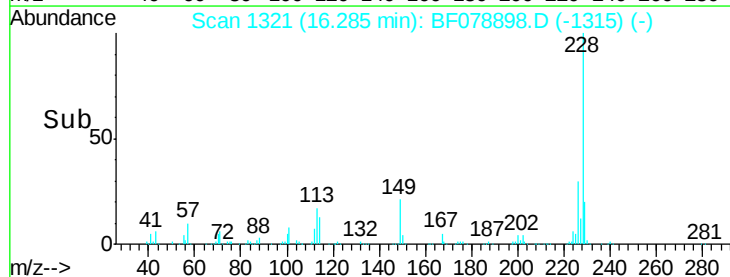
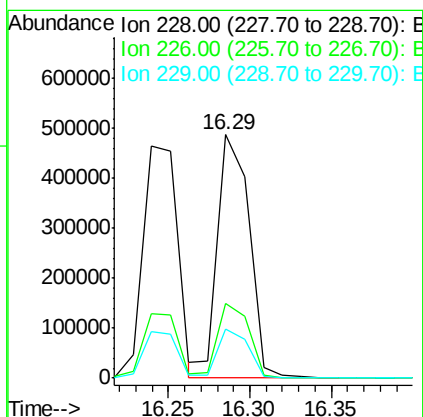
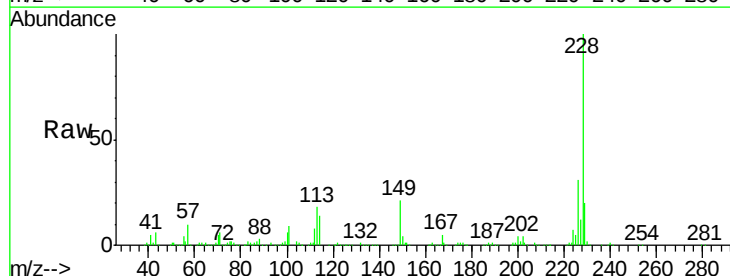
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

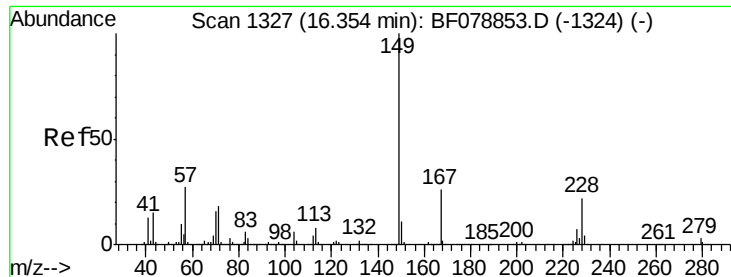
Tot Ion:252 Resp: 187108
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.3 76.9
 126 13.9 6.6 10.0#



#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

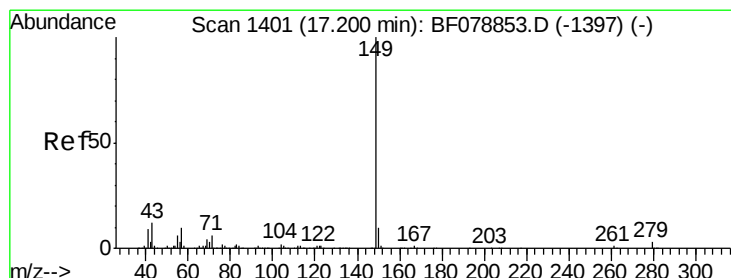
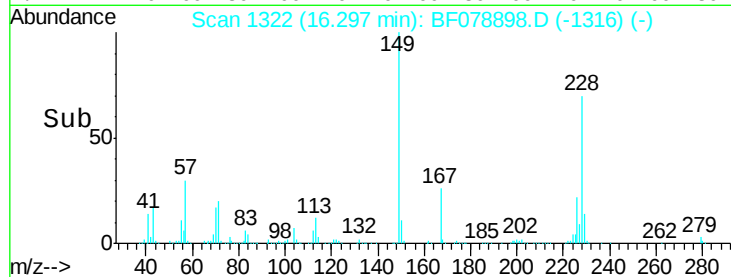
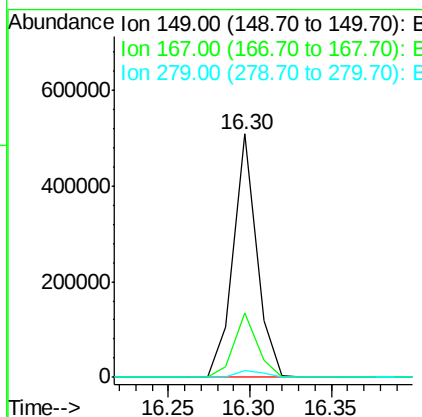
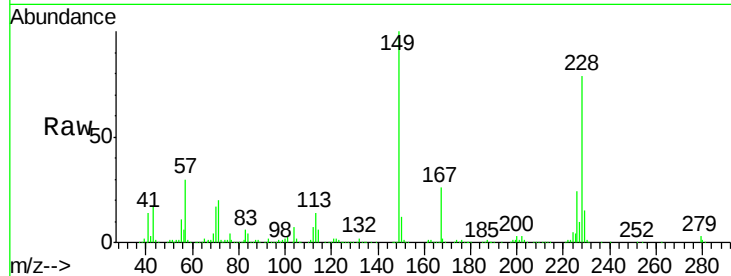




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.40 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.03 min
 Lab File: BF078898.D
 Acq: 1 May 2015 17:51

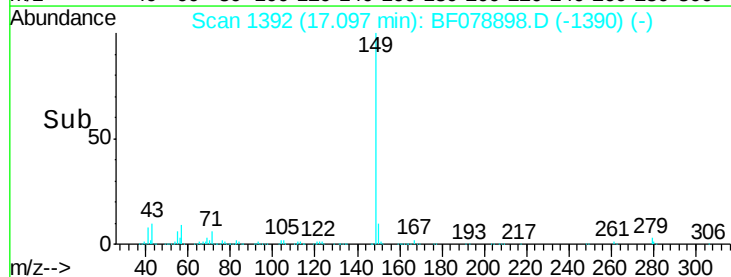
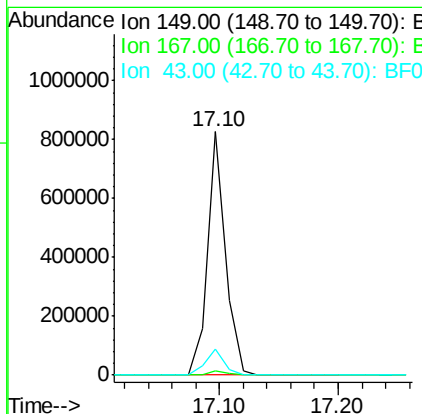
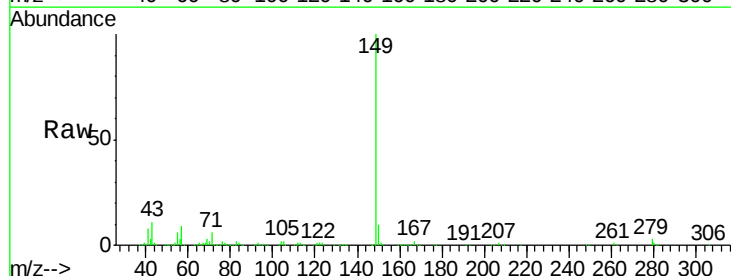
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BSD

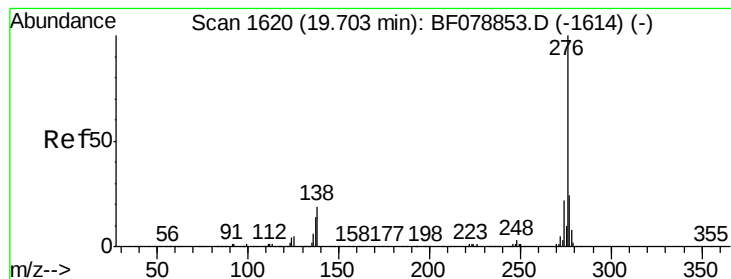
Tot Ion:149 Resp: 505903
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.8
 279 3.0 2.9 4.3



#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

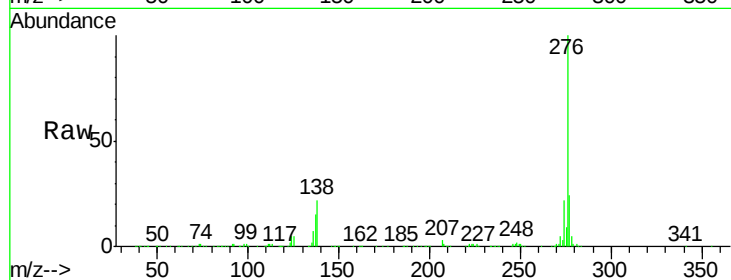
Tot Ion:276 Resp: 824913

Ion Ratio Lower Upper

276 100

138 26.5 0.0 0.0#

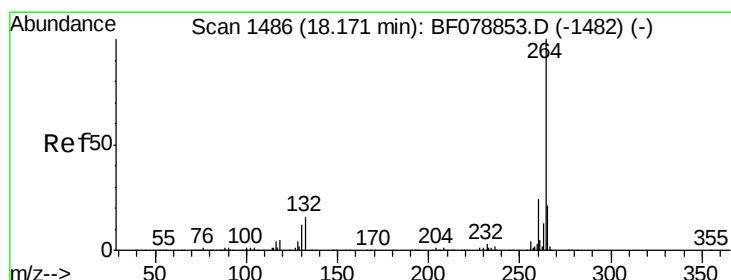
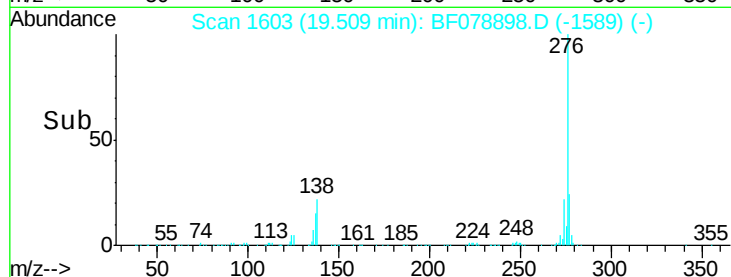
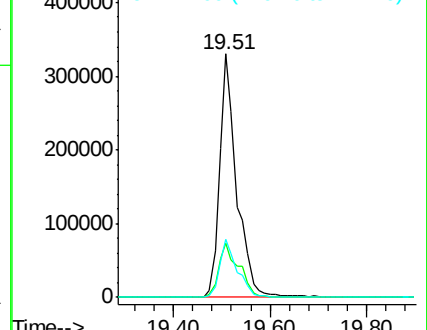
277 24.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#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

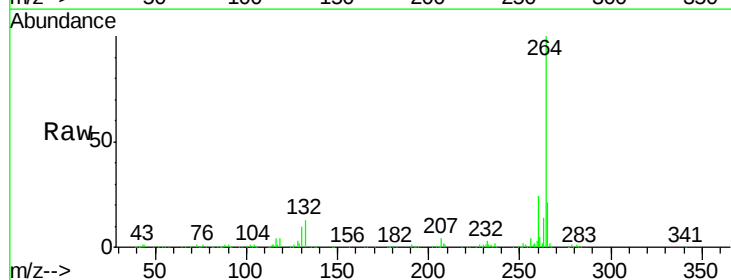
Tgt Ion:264 Resp: 285129

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

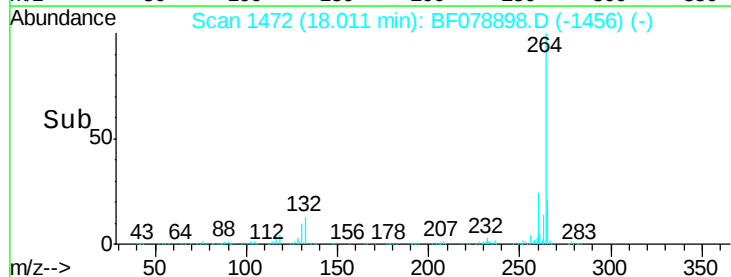
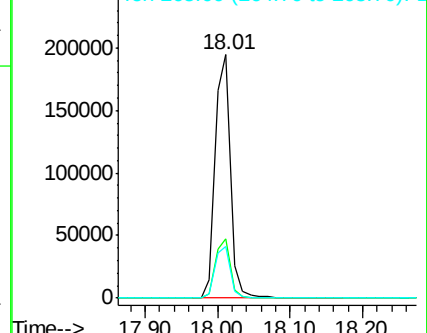
265 21.4 18.3 27.5

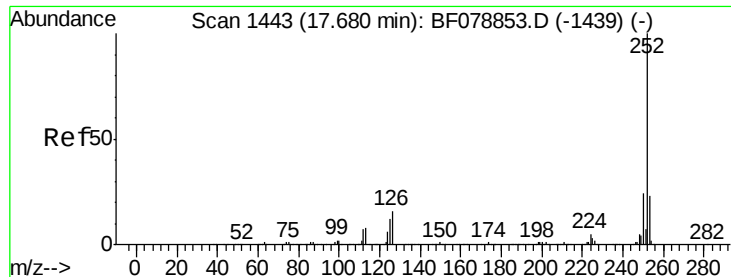


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#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

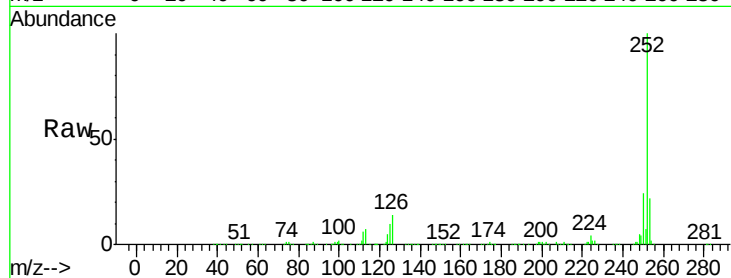
Tot Ion:252 Resp: 814073

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

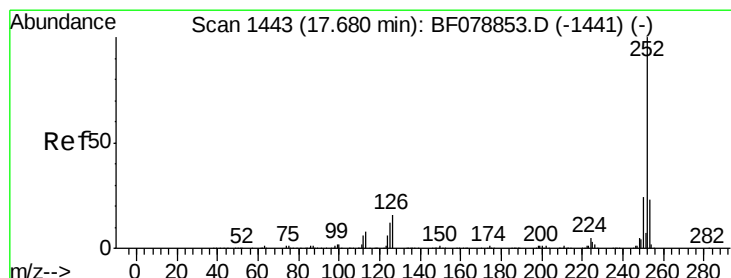
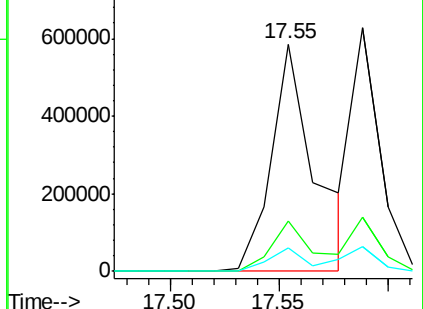
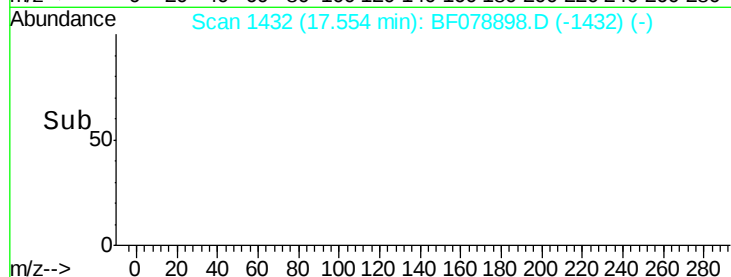
125 10.4 9.5 14.3



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



#88

Benzo(k)fluoranthene

Concen: 37.73 ng m

RT: 17.59 min Scan# 1435

Delta R.T. -0.10 min

Lab File: BF078898.D

Acq: 1 May 2015 17:51

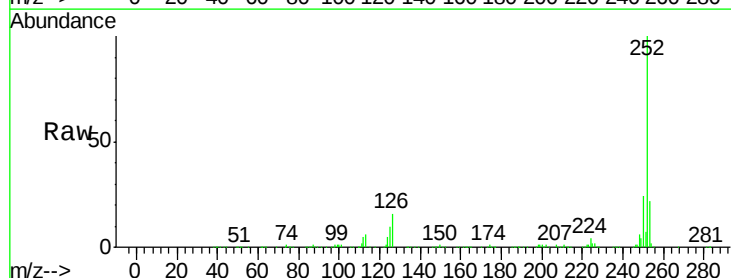
Tgt Ion:252 Resp: 570037

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

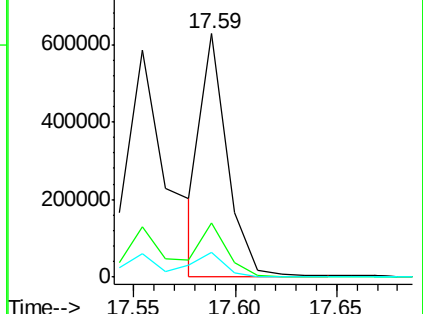
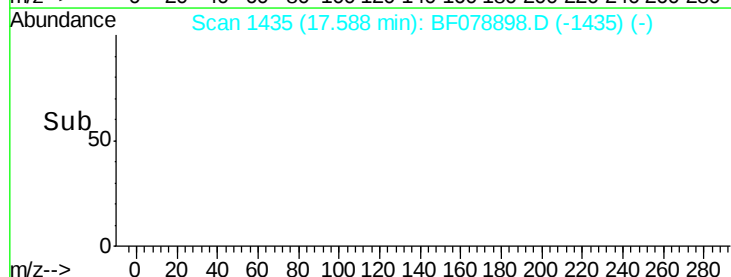
125 10.2 10.0 15.0

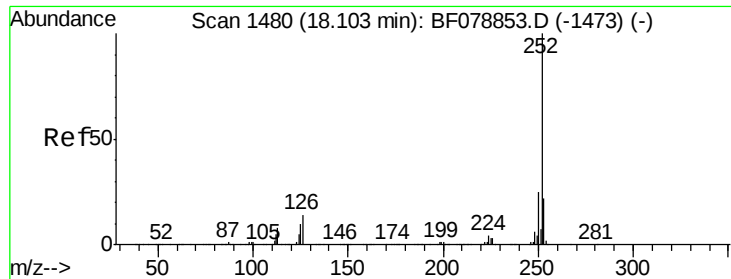


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

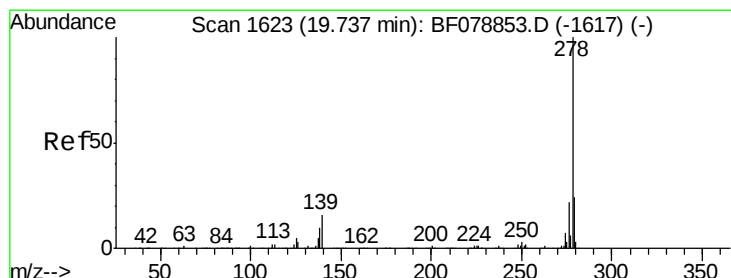
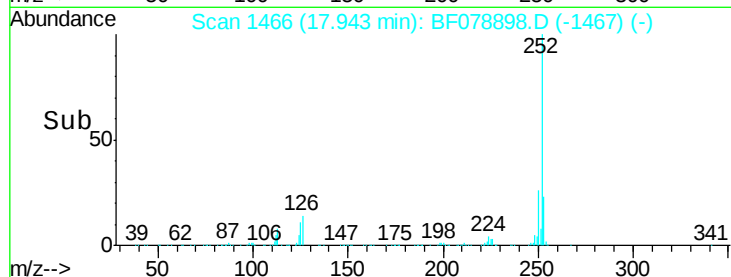
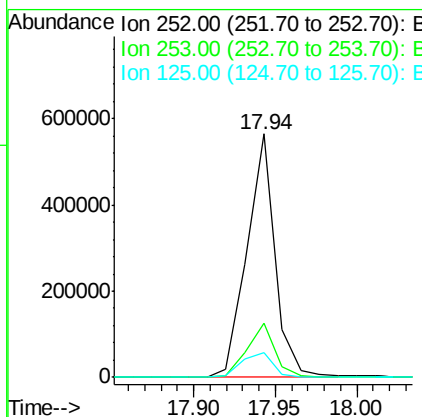
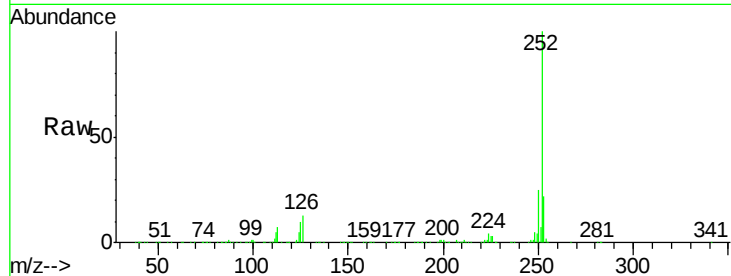




#89
Benzo(a)pyrene
Concen: 47.08 ng
RT: 17.94 min Scan# 1466
Delta R.T. -0.11 min
Lab File: BF078898.D
Acq: 1 May 2015 17:51

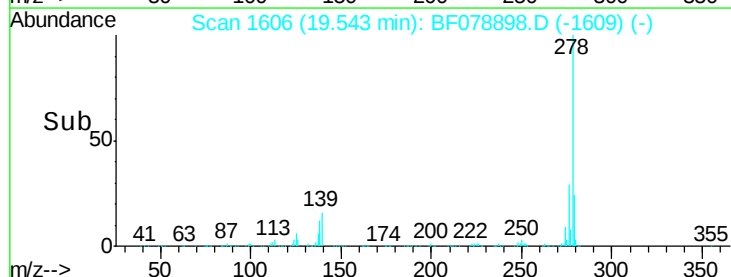
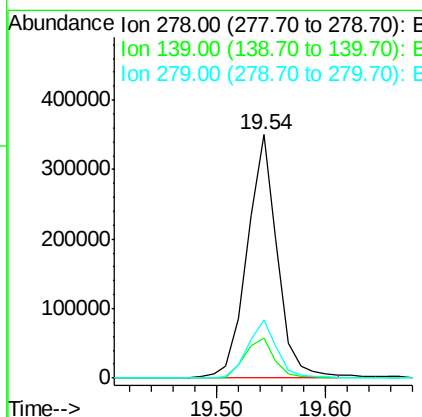
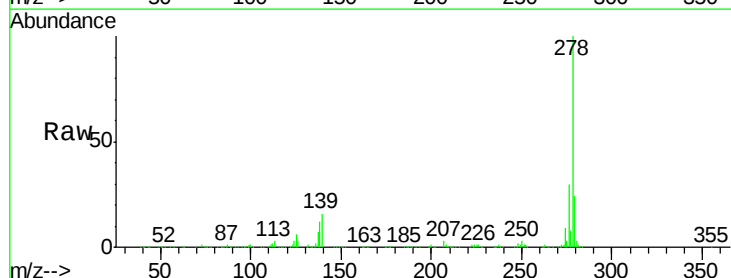
Instrument :
BNA_F
ClientSampleId :
PB83016BSD

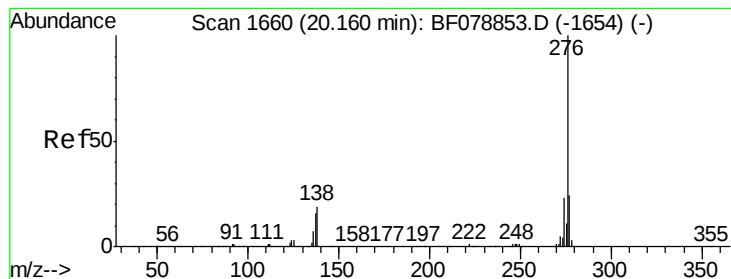
Tot Ion:252 Resp: 676510
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.9 7.0 10.6



#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





#91

Benzo(a,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

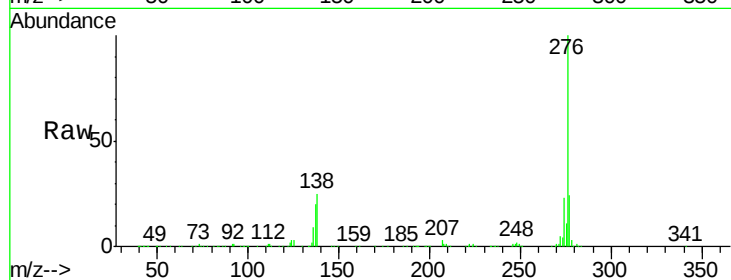
Tot Ion: 276 Resp: 678609

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

