

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078897.D
 Acq On : 1 May 2015 17:23
 Operator : TP/IZ
 Sample : PB83016BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Quant Time: May 01 23:39:59 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	71903	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	293432	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	141723	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	284898	20.00	ng	0.00
75) Chrysene-d12	16.26	240	294883	20.00	ng	-0.02
86) Perylene-d12	18.05	264	292069	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	550885	131.88	ng	0.00
7) Phenol-d6	6.90	99	709774	128.55	ng	0.00
23) Nitrobenzene-d5	8.04	82	397051	77.77	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	221109	144.22	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	859197	84.46	ng	0.00
78) Terphenyl-d14	14.96	244	1078174	87.54	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	62518	34.42	ng	# 30
3) Pyridine	3.11	79	180418	33.94	ng	100
4) n-Nitrosodimethylamine	3.02	42	95775m	42.06	ng	
6) Aniline	6.95	93	196287	25.19	ng	99
8) 2-Chlorophenol	7.08	128	198522	41.90	ng	98
9) Benzaldehyde	6.81	77	56223	15.12	ng	99
10) Phenol	6.92	94	274358	42.83	ng	94
11) bis(2-Chloroethyl)ether	7.04	93	187448	39.92	ng	98
12) 1,3-Dichlorobenzene	7.28	146	211328	39.69	ng	99
13) 1,4-Dichlorobenzene	7.38	146	215222	39.27	ng	98
14) 1,2-Dichlorobenzene	7.56	146	210424	41.25	ng	99
15) Benzyl Alcohol	7.53	79	168415	41.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.71	45	294064	40.93	ng	99
17) 2-Methylphenol	7.67	107	162379	42.59	ng	96
18) Hexachloroethane	7.98	117	73807	39.10	ng	# 76
19) n-Nitroso-di-n-propylamine	7.87	70	149310	40.04	ng	# 82
20) 3+4-Methylphenols	7.86	107	214326	42.19	ng	92
22) Acetophenone	7.86	105	288810	43.57	ng	# 97
24) Nitrobenzene	8.07	77	207579	41.02	ng	99
25) Isophorone	8.36	82	384150	40.59	ng	99
26) 2-Nitrophenol	8.47	139	91430	43.65	ng	96
27) 2,4-Dimethylphenol	8.52	122	184420	44.00	ng	94
28) bis(2-Chloroethoxy)methane	8.65	93	246964	42.32	ng	99
29) 2,4-Dichlorophenol	8.75	162	174388	46.79	ng	97
30) 1,2,4-Trichlorobenzene	8.87	180	171339	41.85	ng	98
31) Naphthalene	8.96	128	577545	41.31	ng	100
32) Benzoic acid	8.62	122	113652	43.91	ng	97
33) 4-Chloroaniline	9.03	127	140134	23.69	ng	99
34) Hexachlorobutadiene	9.12	225	92101	39.06	ng	98
35) Caprolactam	9.45	113	55106	45.72	ng	92
36) 4-Chloro-3-methylphenol	9.63	107	185746	47.45	ng	89
37) 2-Methylnaphthalene	9.82	142	409326	42.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	162743	40.77	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	191588	95.46	ng	98

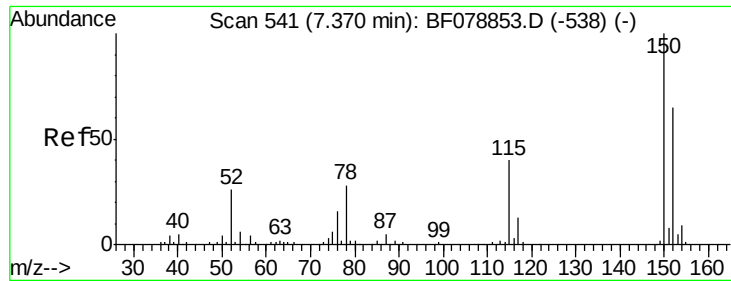
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078897.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	122832	44.76	nq	96
43) 2,4,5-Trichlorophenol	10.20	196	124754	44.97	nq	# 87
45) 1,1'-Biphenyl	10.40	154	483739	42.94	nq	100
46) 2-Chloronaphthalene	10.42	162	371244	42.24	nq	99
47) 2-Nitroaniline	10.55	65	114239	44.86	nq	100
48) Acenaphthylene	10.94	152	633440	43.90	nq	100
49) Dimethylphthalate	10.79	163	465537	44.76	nq	100
50) 2,6-Dinitrotoluene	10.86	165	92774	45.20	nq	98
51) Acenaphthene	11.15	154	369110	42.90	nq	98
52) 3-Nitroaniline	11.06	138	83883	32.71	nq	# 98
53) 2,4-Dinitrophenol	11.20	184	72692	81.95	nq	# 70
54) Dibenzofuran	11.37	168	577899	46.49	nq	98
55) 4-Nitrophenol	11.27	139	201041	99.06	nq	94
56) 2,4-Dinitrotoluene	11.36	165	131571	48.48	nq	# 65
57) Fluorene	11.79	166	456594	44.76	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	103436	45.63	nq	# 100
59) Diethylphthalate	11.67	149	469398	45.55	nq	99
60) 4-Chlorophenyl-phenylether	11.81	204	207586	45.87	nq	96
61) 4-Nitroaniline	11.82	138	113917	44.41	nq	94
62) Azobenzene	12.00	77	479817	47.26	nq	97
64) 4,6-Dinitro-2-methylphenol	11.85	198	50024	43.71	nq	84
65) n-Nitrosodiphenylamine	11.94	169	389677	41.07	nq	99
66) 4-Bromophenyl-phenylether	12.41	248	130570	43.97	nq	96
67) Hexachlorobenzene	12.47	284	142164	41.89	nq	95
68) Atrazine	12.62	200	118969	43.12	nq	98
69) Pentachlorophenol	12.72	266	167634	84.04	nq	98
70) Phenanthrene	12.99	178	667311	41.87	nq	99
71) Anthracene	13.05	178	663420	42.43	nq	100
72) Carbazole	13.26	167	681886	45.75	nq	99
73) Di-n-butylphthalate	13.70	149	764475	42.77	nq	99
74) Fluoranthene	14.47	202	723698	43.58	nq	97
76) Benzidine	14.64	184	266448	33.53	nq	99
77) Pyrene	14.75	202	778753	45.83	nq	99
79) Butylbenzylphthalate	15.58	149	352765	47.49	nq	# 84
80) Benzo(a)anthracene	16.25	228	702974	43.53	nq	99
81) 3,3'-Dichlorobenzidine	16.23	252	194636	33.84	nq	# 98
82) Chrysene	16.30	228	661356	42.58	nq	100
83) Bis(2-ethylhexyl)phthalate	16.31	149	530271	47.13	nq	99
84) Di-n-octyl phthalate	17.12	149	879647	44.39	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.55	276	831706	42.03	nq	# 100
87) Benzo(b)fluoranthene	17.59	252	700290	43.81	nq	# 97
88) Benzo(k)fluoranthene	17.62	252	716359m	46.29	nq	
89) Benzo(a)pyrene	17.99	252	685825	46.59	nq	99
90) Dibenzo(a,h)anthracene	19.59	278	674257	43.10	nq	98
91) Benzo(g,h,i)perylene	20.01	276	674023	42.99	nq	99

(#) = 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

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

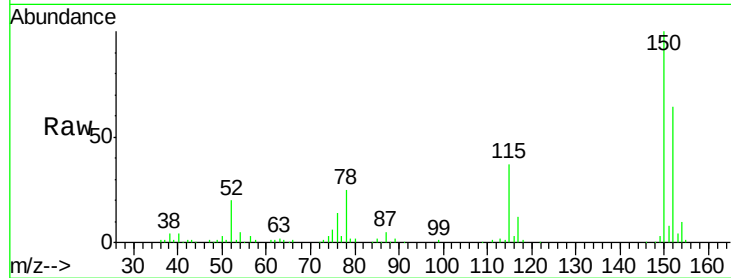
Tot Ion:152 Resp: 71903

Ion Ratio Lower Upper

152 100

150 155.5 122.0 183.0

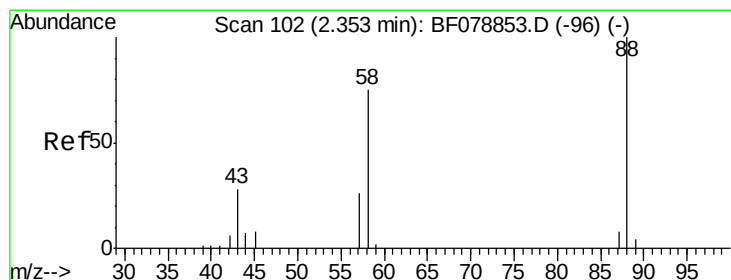
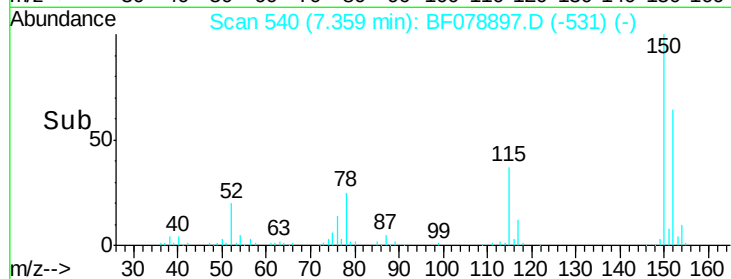
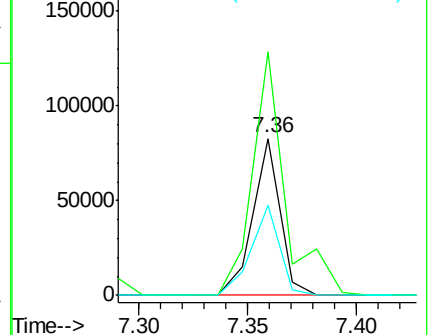
115 57.4 46.3 69.5



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: 34.42 ng

RT: 2.34 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

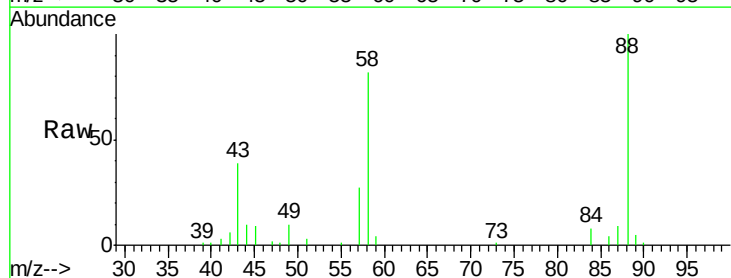
Tgt Ion: 88 Resp: 62518

Ion Ratio Lower Upper

88 100

58 78.5 0.0 0.0#

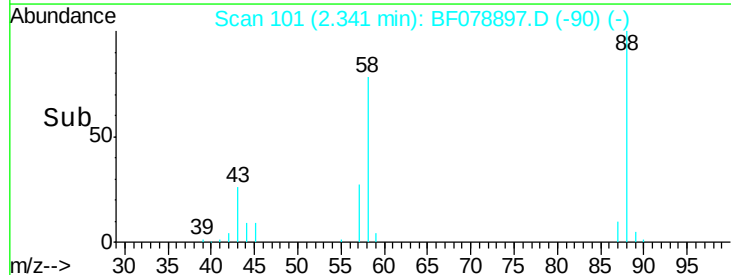
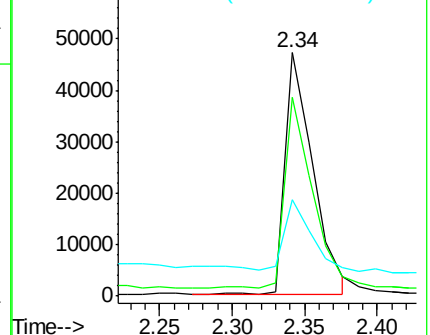
43 27.0 3.3 4.9#

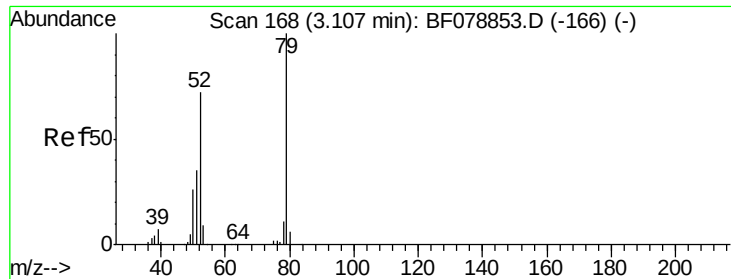


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.94 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

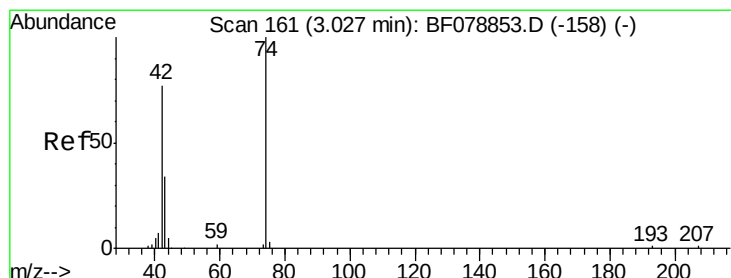
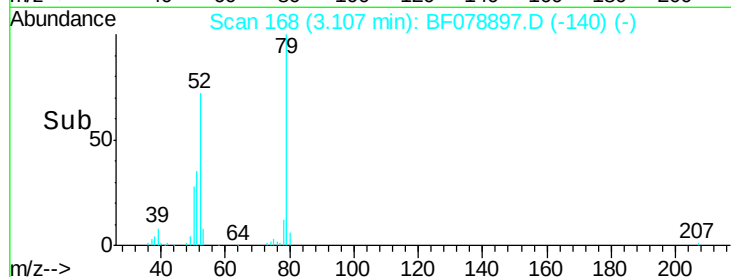
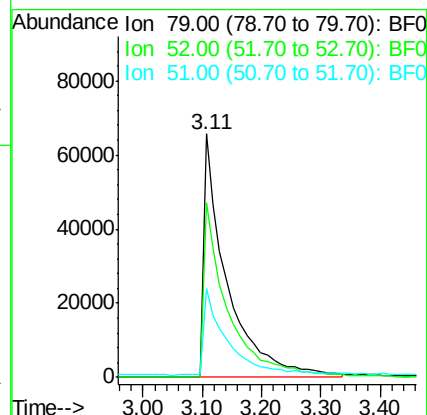
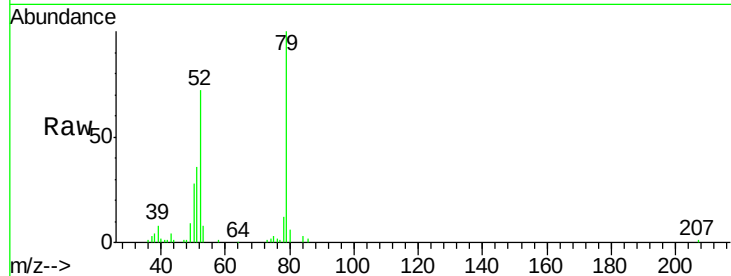
Tot Ion: 79 Resp: 180418

Ion Ratio Lower Upper

79 100

52 71.6 57.2 85.8

51 36.4 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 42.06 ng m

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

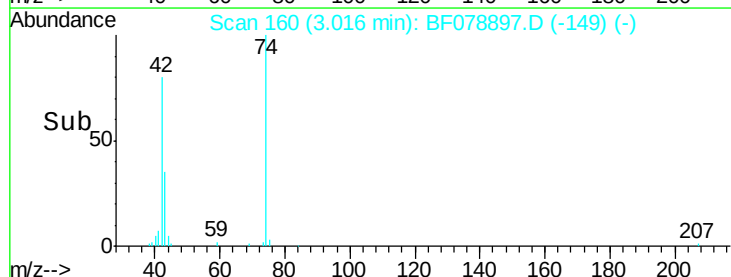
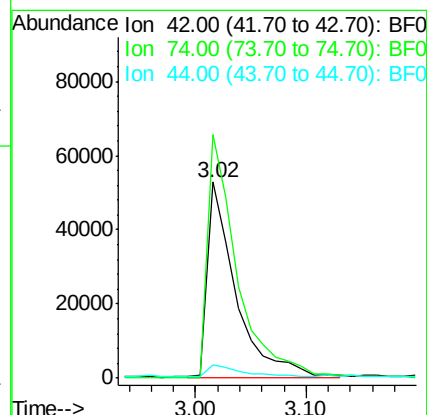
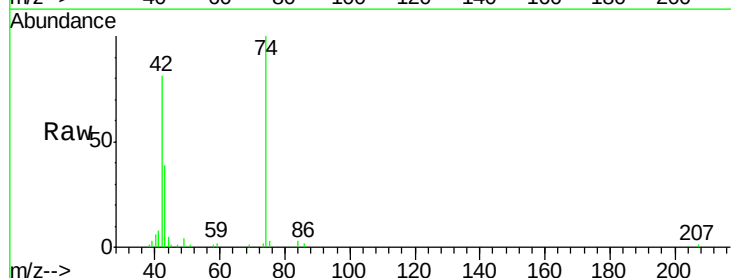
Tgt Ion: 42 Resp: 95775

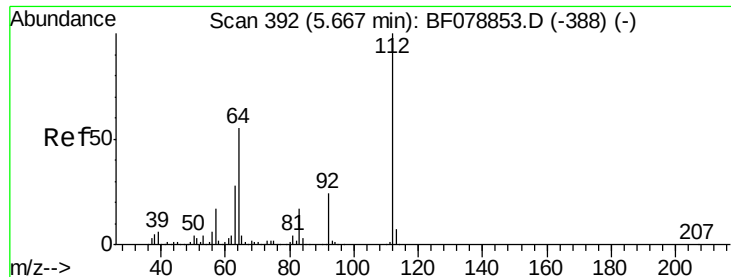
Ion Ratio Lower Upper

42 100

74 124.2 96.5 144.7

44 6.7 6.1 9.1





#5

2-Fluorophenol

Concen: 131.88 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

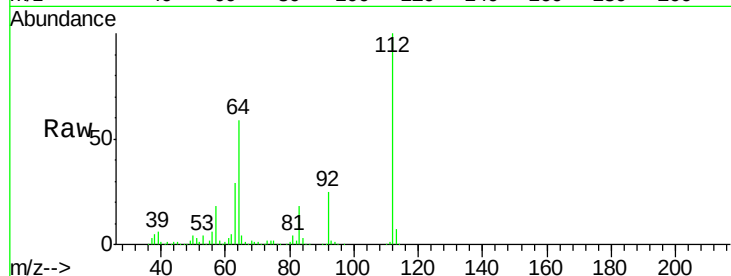
Tot Ion:112 Resp: 550885

Ion Ratio Lower Upper

112 100

64 58.7 53.5 80.3

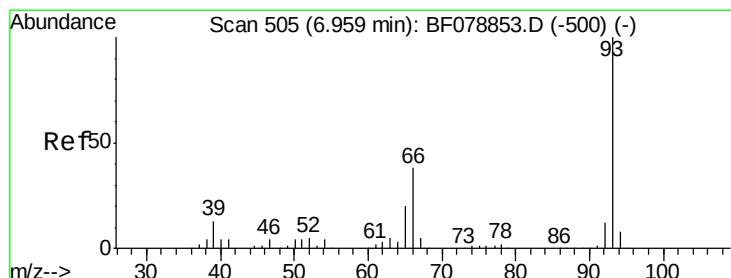
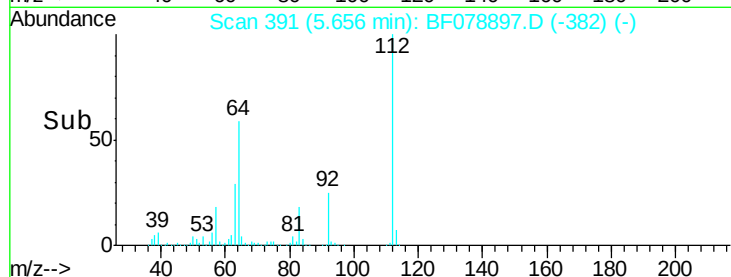
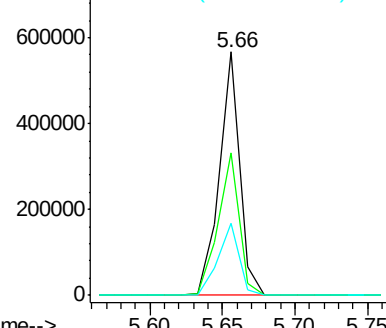
63 29.5 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.19 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

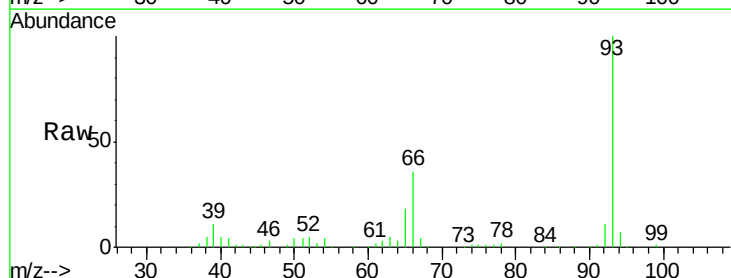
Tgt Ion: 93 Resp: 196287

Ion Ratio Lower Upper

93 100

66 36.3 29.7 44.5

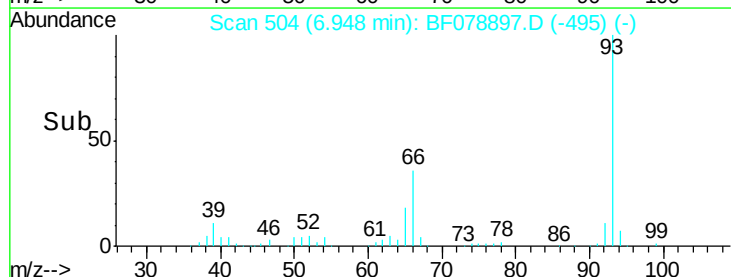
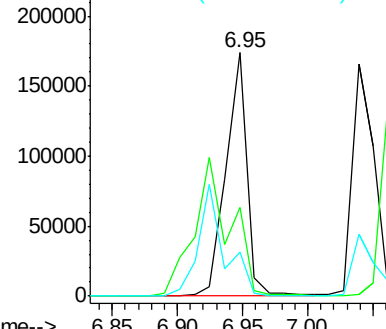
65 18.0 14.6 22.0

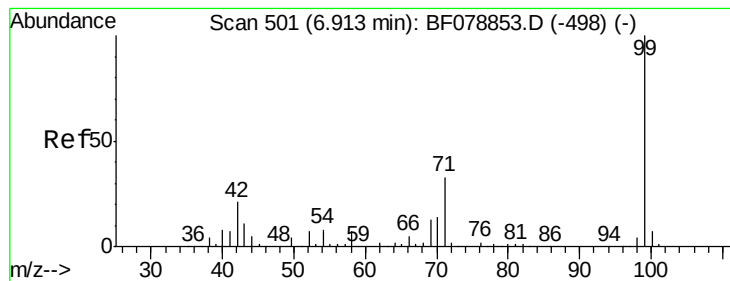


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.55 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

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ClientSampleId :

PB83016BS

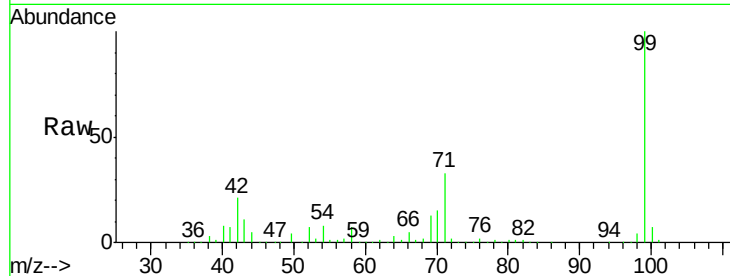
Tot Ion: 99 Resp: 709774

Ion Ratio Lower Upper

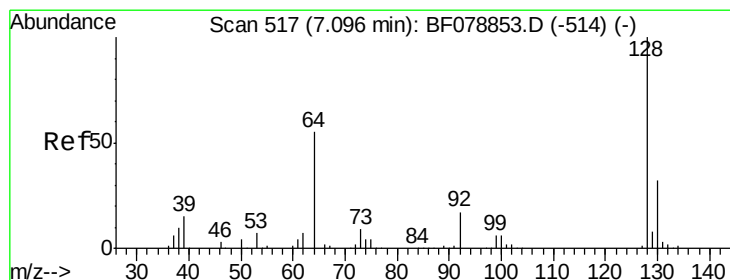
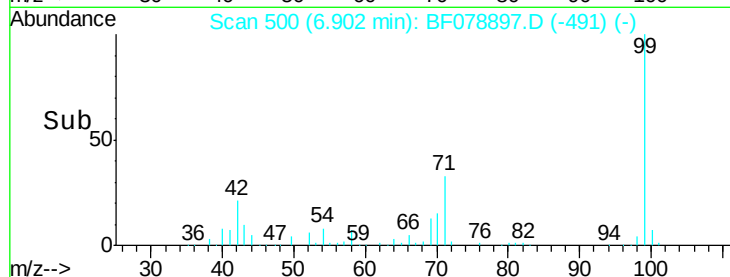
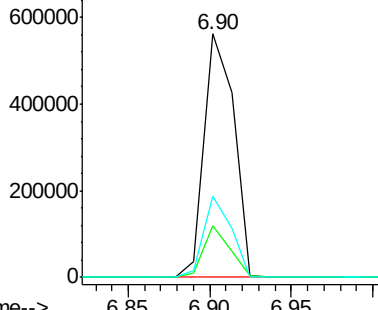
99 100

42 21.0 12.8 19.2#

71 33.0 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: 41.90 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

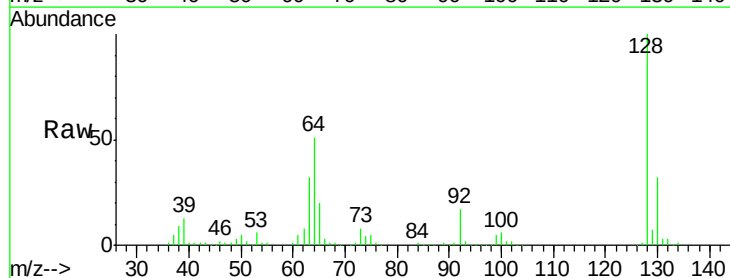
Tgt Ion:128 Resp: 198522

Ion Ratio Lower Upper

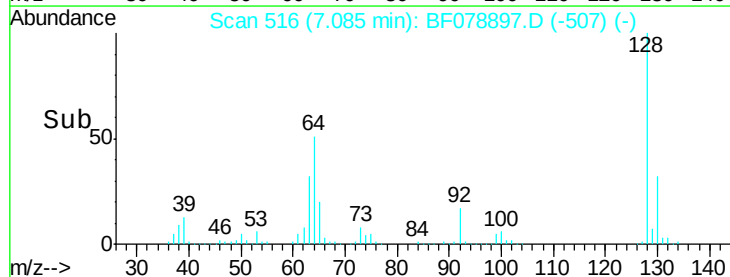
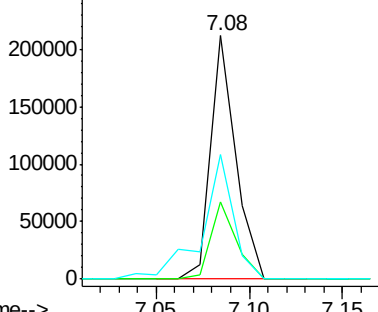
128 100

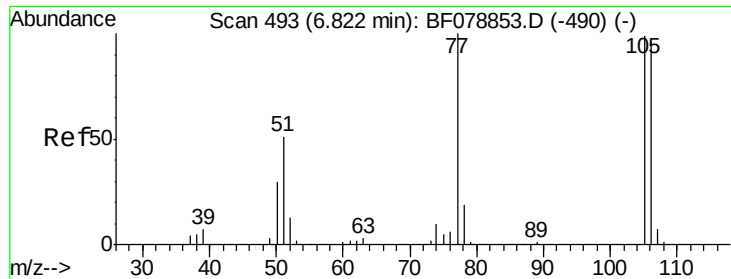
130 31.8 12.1 52.1

64 51.4 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: 15.12 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

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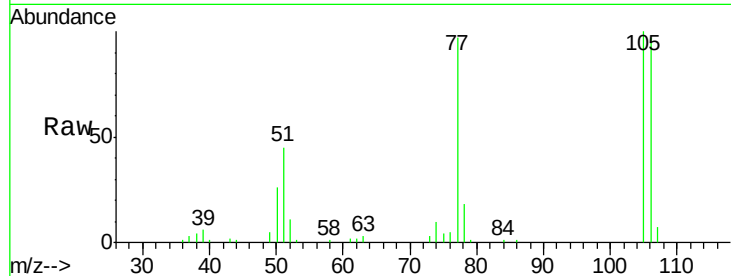
Tot Ion: 77 Resp: 56223

Ion Ratio Lower Upper

77 100

105 102.9 81.7 121.7

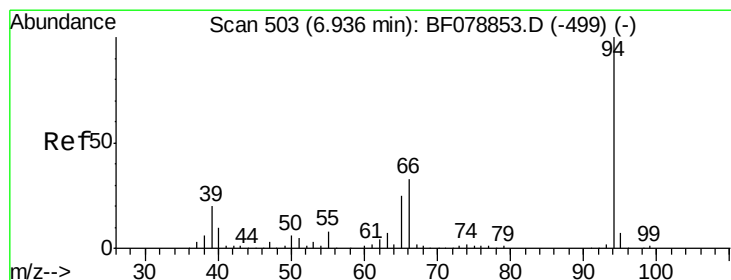
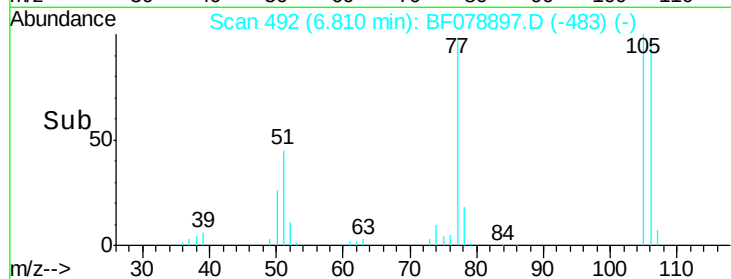
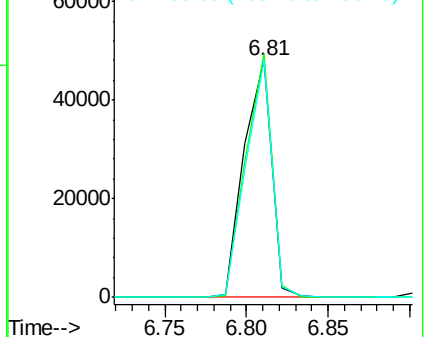
106 100.1 79.0 119.0



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: 42.83 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

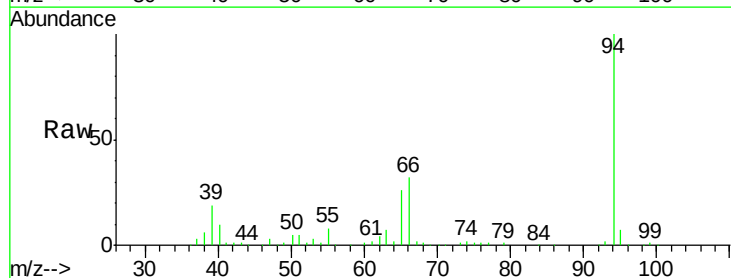
Tgt Ion: 94 Resp: 274358

Ion Ratio Lower Upper

94 100

65 25.7 8.5 48.5

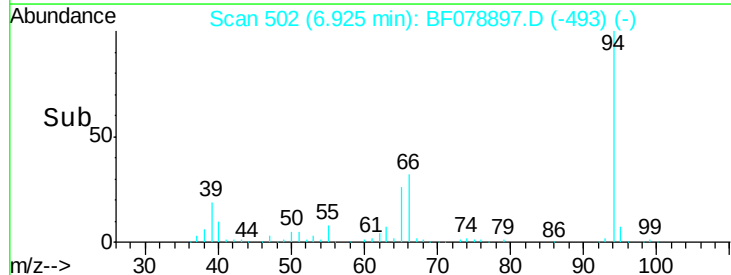
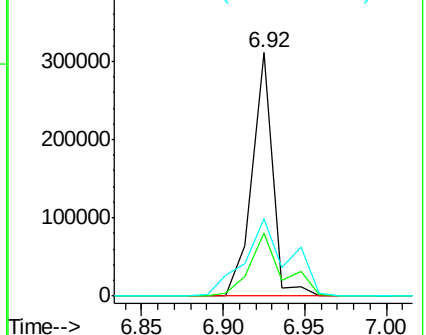
66 32.0 16.0 56.0

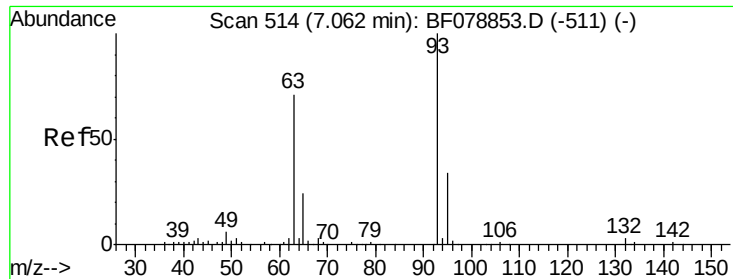


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.92 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

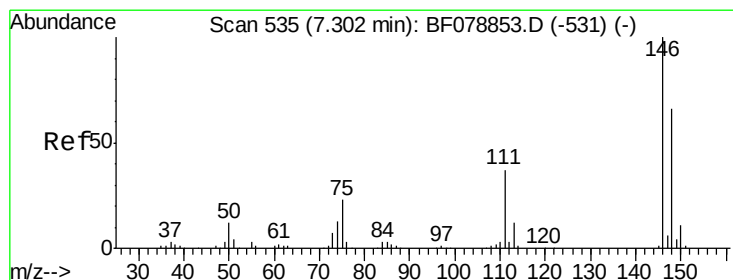
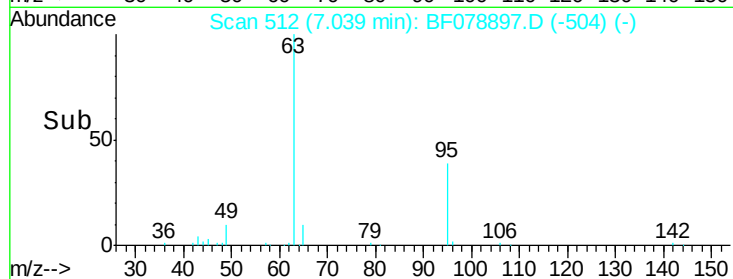
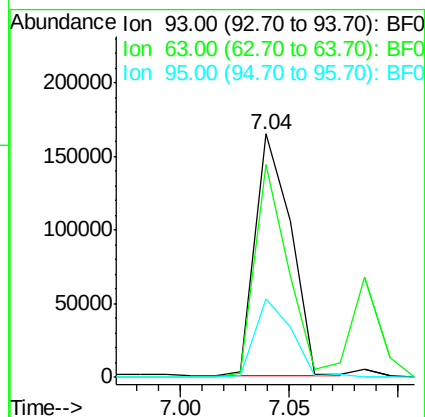
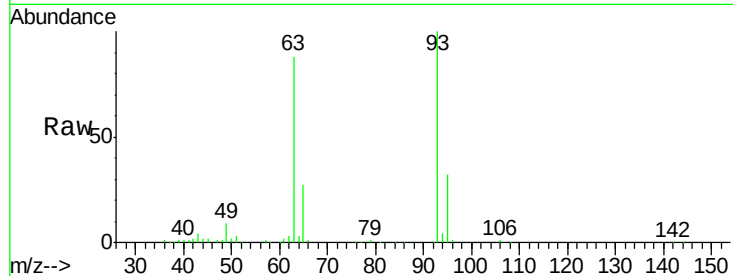
Tot Ion: 93 Resp: 187448

Ion Ratio Lower Upper

93 100

63 87.6 64.8 104.8

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.69 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

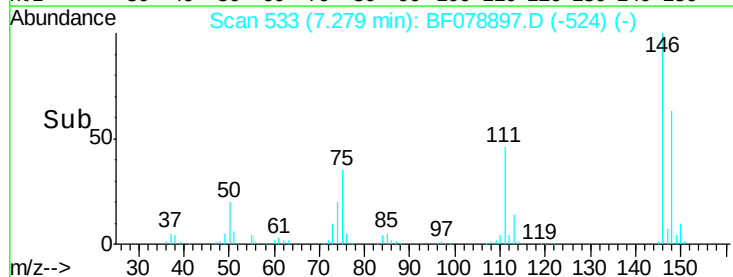
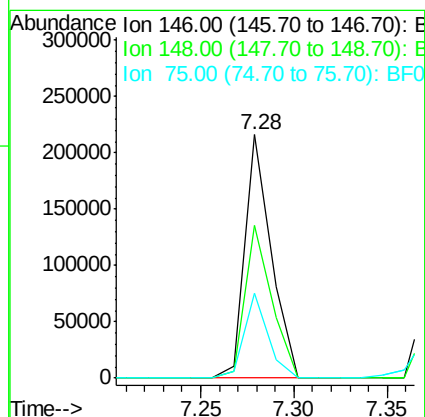
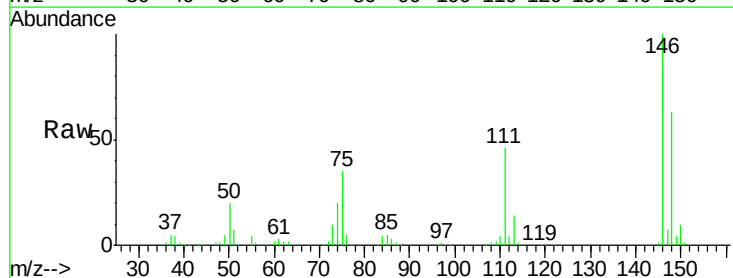
Tgt Ion: 146 Resp: 211328

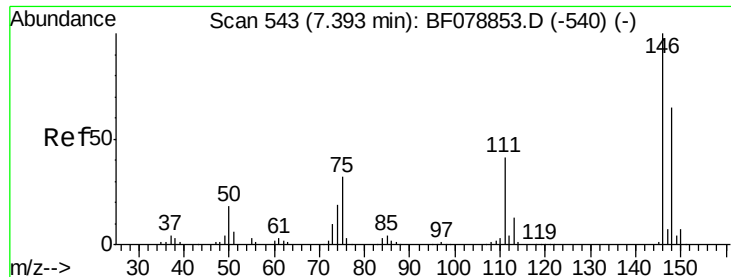
Ion Ratio Lower Upper

146 100

148 62.6 50.2 75.2

75 34.7 29.2 43.8

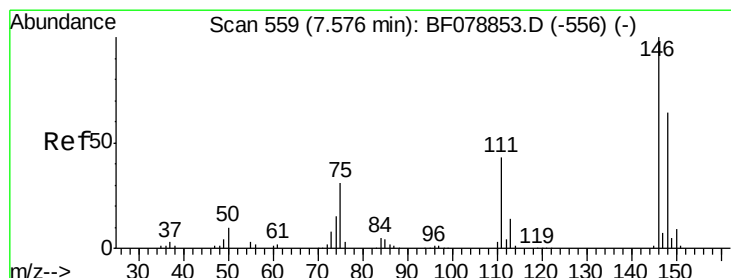
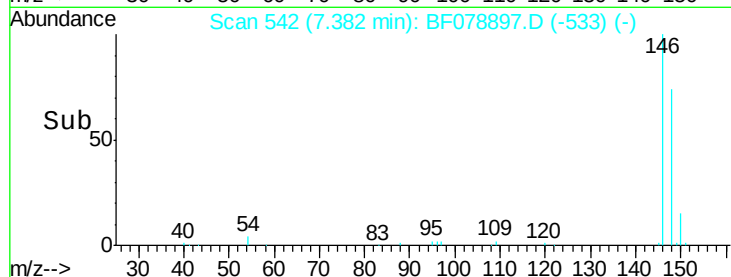
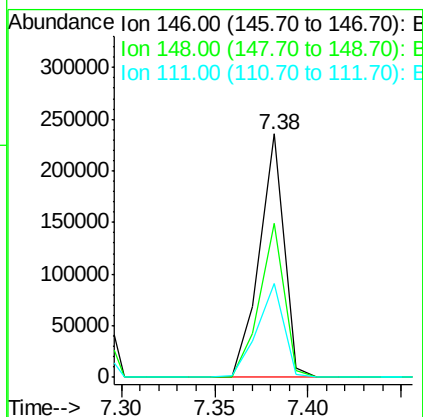
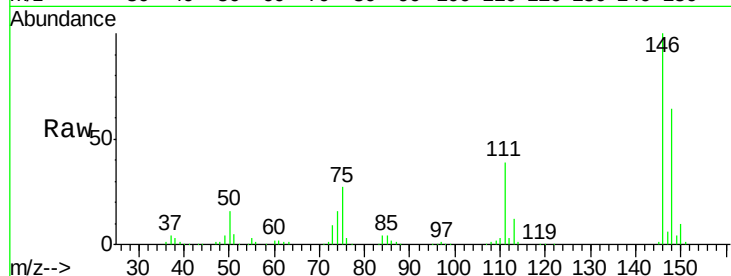




#13
 1,4-Dichlorobenzene
 Concen: 39.27 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

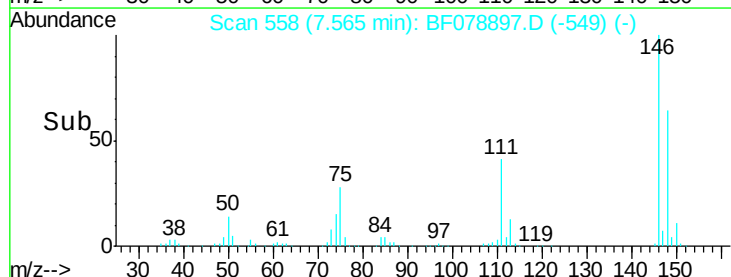
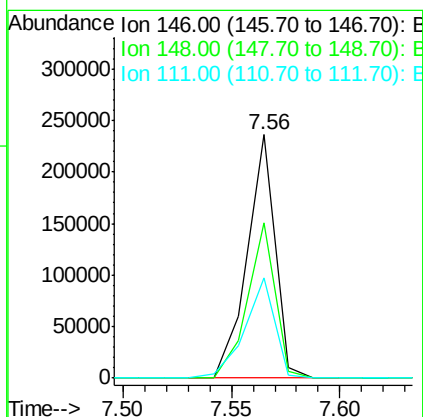
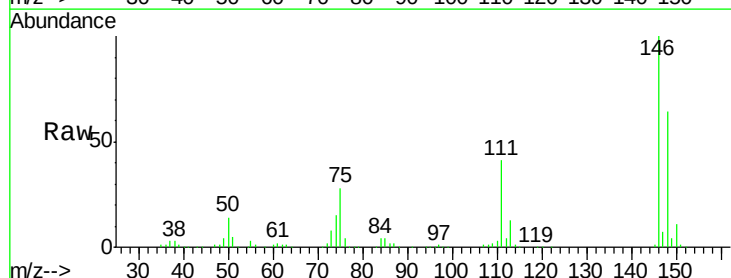
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

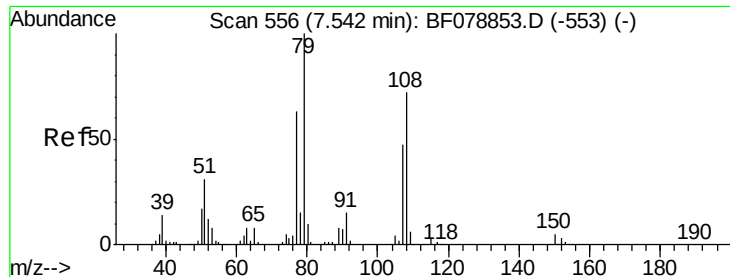
Tot Ion:146 Resp: 215222
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.8 79.2
 111 38.8 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 41.25 ng
 RT: 7.56 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:146 Resp: 210424
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.2 76.8
 111 41.0 33.3 49.9





#15

Benzyl Alcohol

Concen: 41.09 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

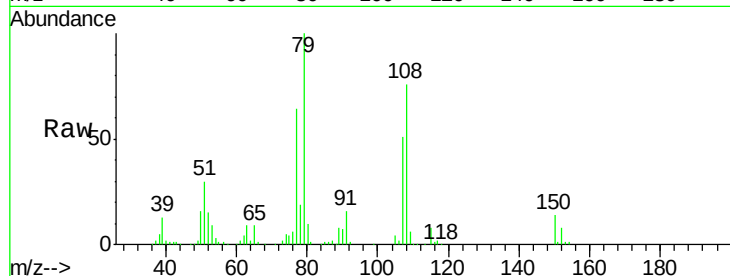
Tot Ion: 79 Resp: 168415

Ion Ratio Lower Upper

79 100

108 75.5 62.5 93.7

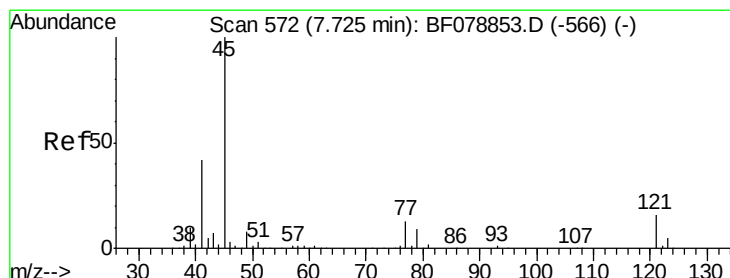
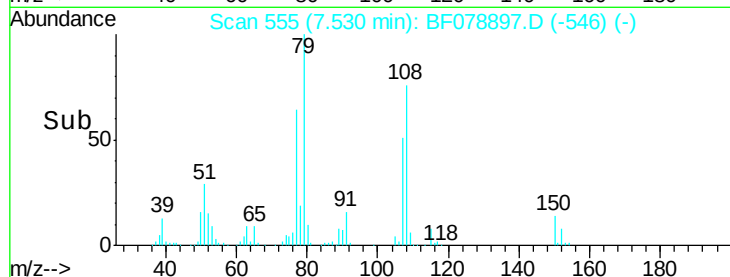
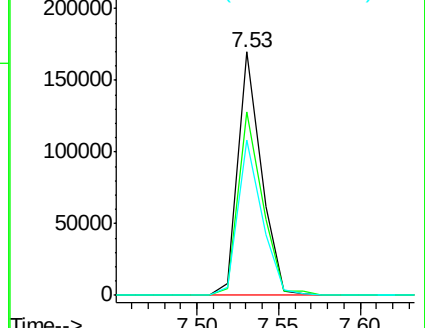
77 63.9 52.2 78.4



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: 40.93 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

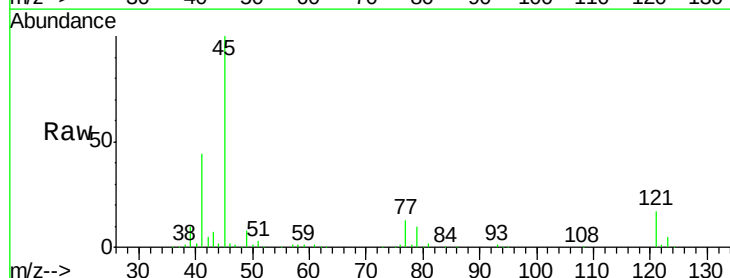
Tgt Ion: 45 Resp: 294064

Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.3

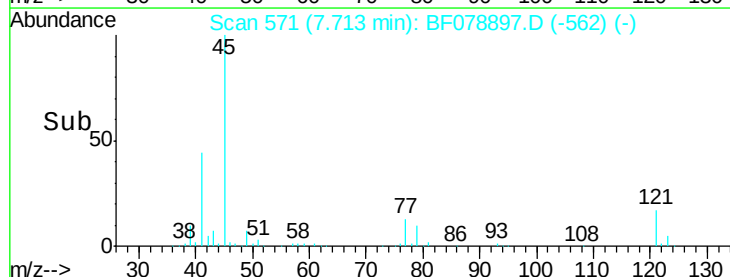
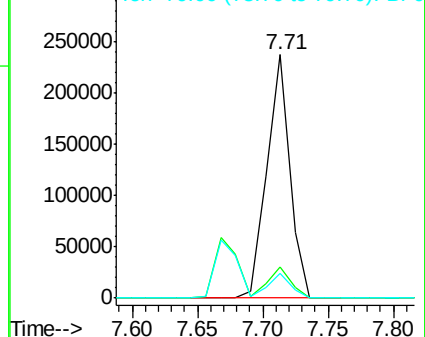
79 9.9 0.0 30.1

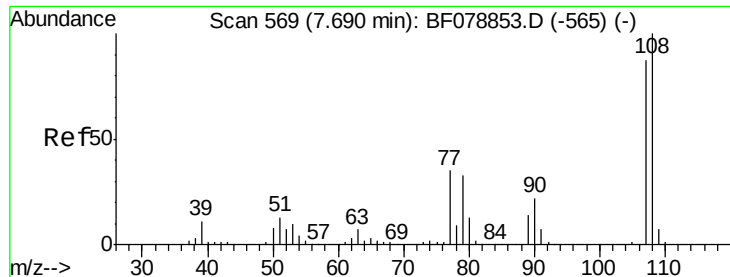


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

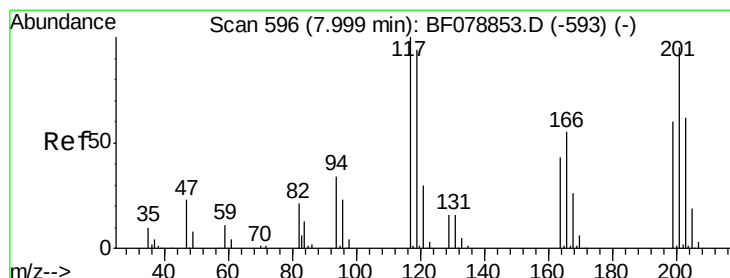
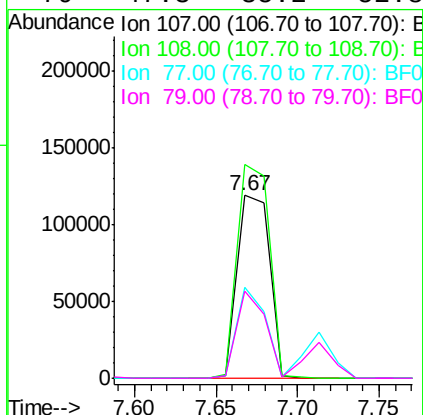
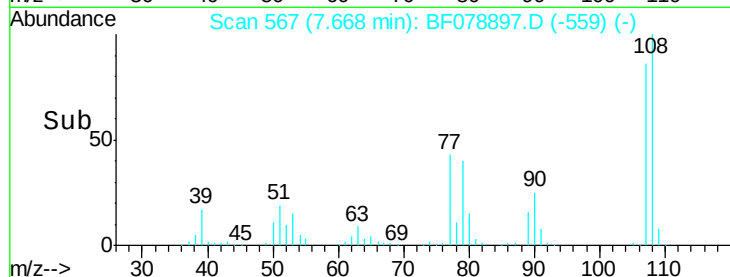
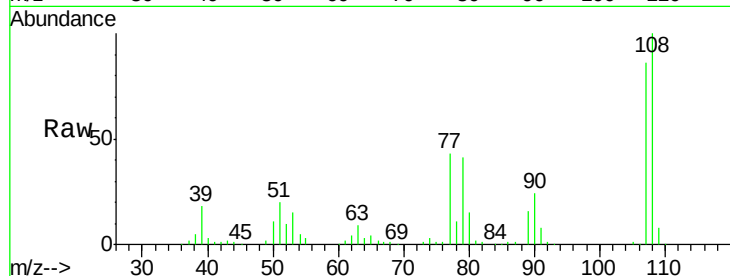




#17
2-Methylphenol
Concen: 42.59 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

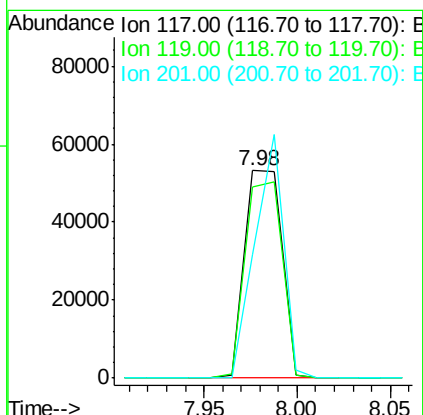
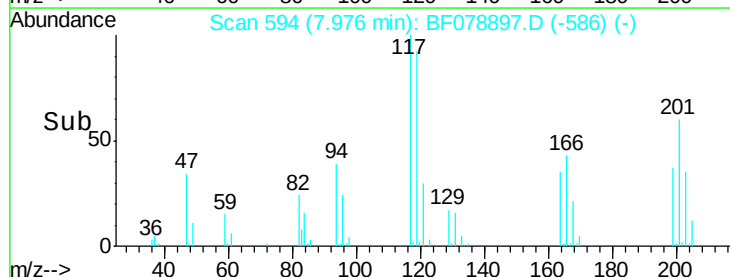
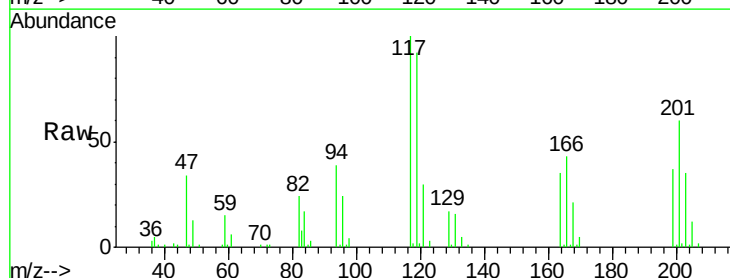
Instrument :
BNA_F
ClientSampleId :
PB83016BS

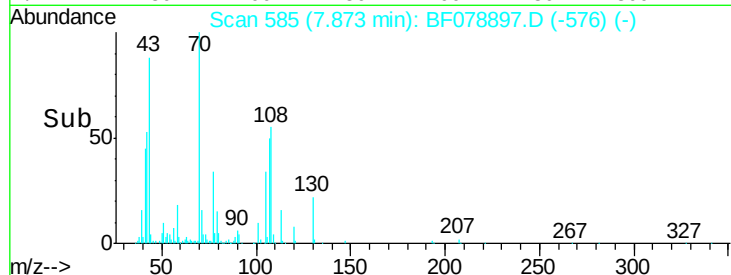
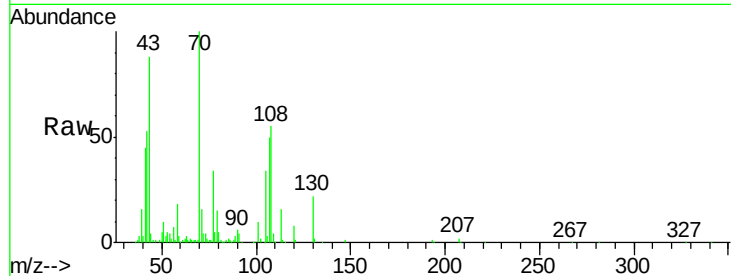
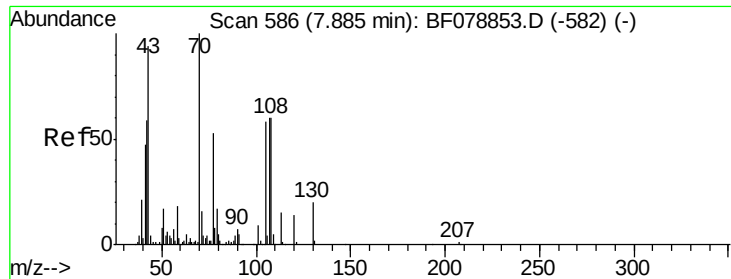
Tot Ion:	107	Resp:	162379
Ion	Ratio	Lower	Upper
107	100		
108	116.7	94.9	142.3
77	50.0	36.2	54.4
79	47.3	35.2	52.8



#18
Hexachloroethane
Concen: 39.10 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:	117	Resp:	73807
Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.4	113.0
201	59.6	83.2	124.8#

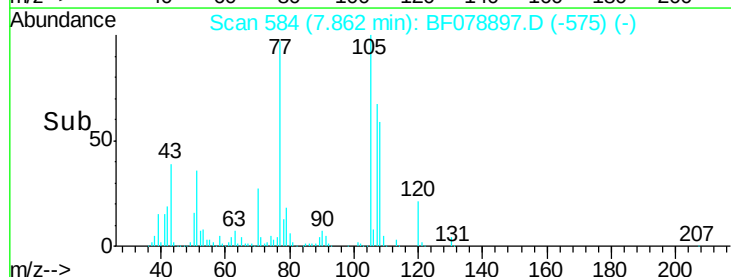
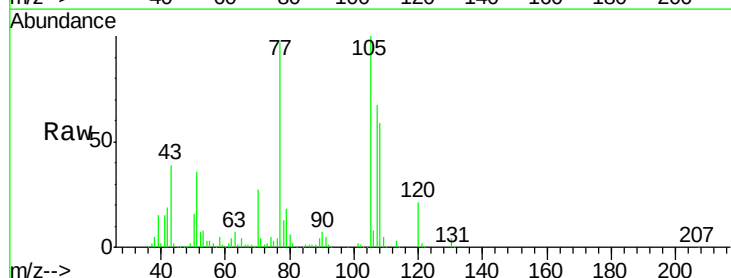
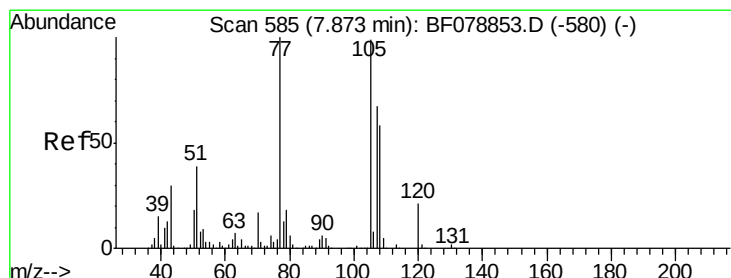
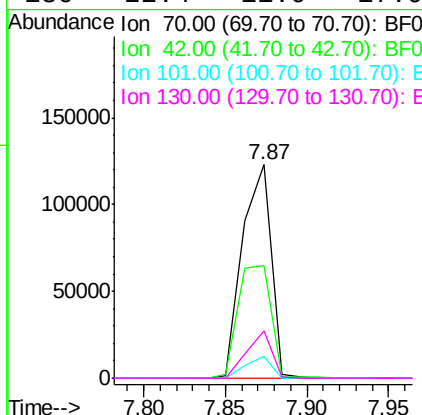




#19
n-Nitroso-di-n-propylamine
Concen: 40.04 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

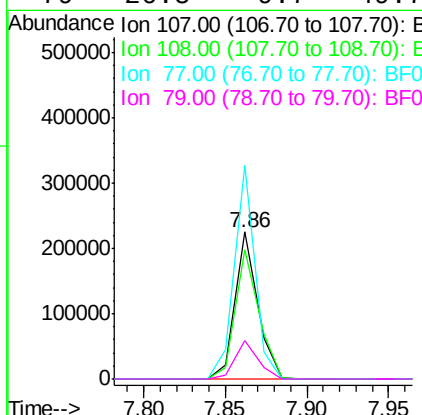
Instrument :
BNA_F
ClientSampleId :
PB83016BS

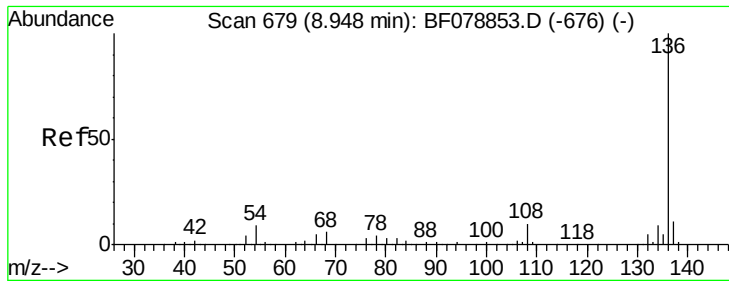
Tot Ion: 70 Resp: 149310
Ion Ratio Lower Upper
70 100
42 53.0 55.4 83.0#
101 10.0 6.6 10.0#
130 22.4 11.9 17.9#



#20
3+4-Methylphenols
Concen: 42.19 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion: 107 Resp: 214326
Ion Ratio Lower Upper
107 100
108 88.3 76.9 116.9
77 145.4 136.8 176.8
79 26.5 9.7 49.7

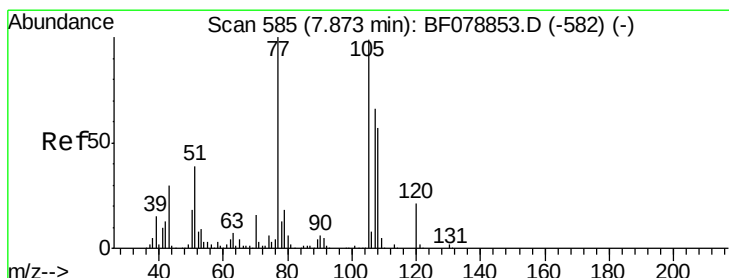
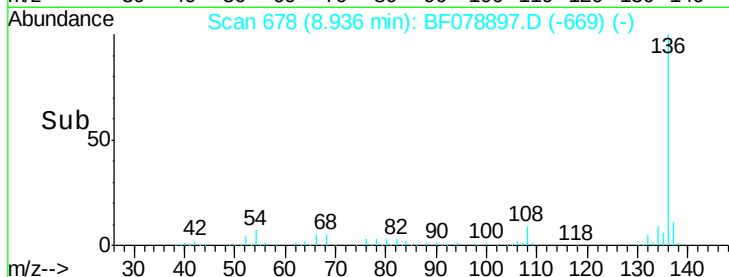
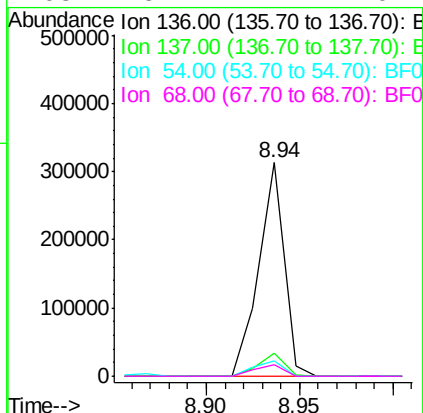
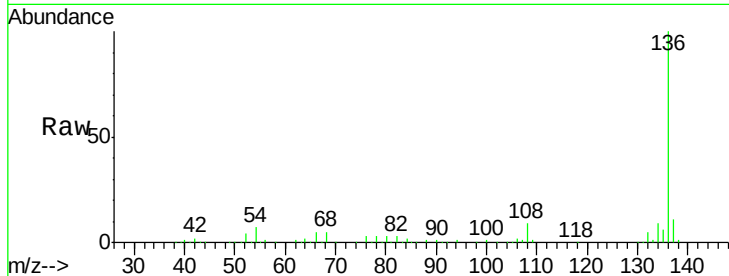




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

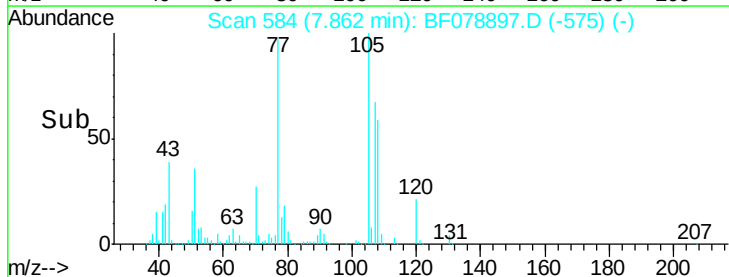
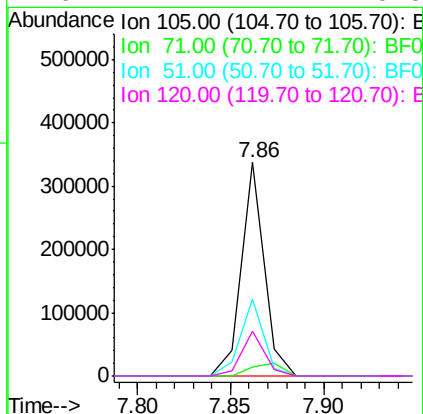
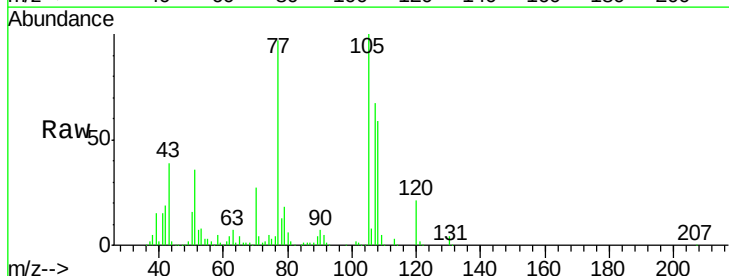
Instrument :
BNA_F
ClientSampleId :
PB83016BS

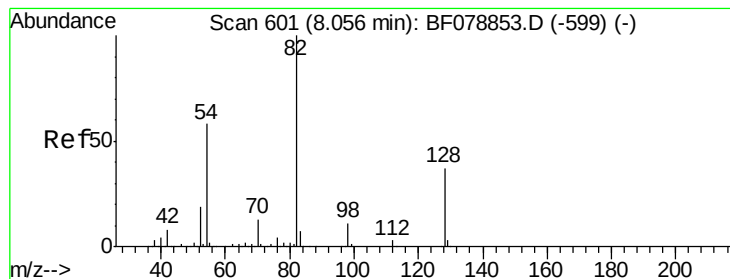
Tot Ion:136	Resp:	293432
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	7.2	5.8 8.8
68	5.2	4.2 6.4



#22
Acetophenone
Concen: 43.57 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:105	Resp:	288810
Ion Ratio	Lower	Upper
105	100	
71	4.4	4.6 6.8#
51	36.1	26.7 40.1
120	21.1	17.4 26.0





#23

Nitrobenzene-d5

Concen: 77.77 ng

RT: 8.04 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

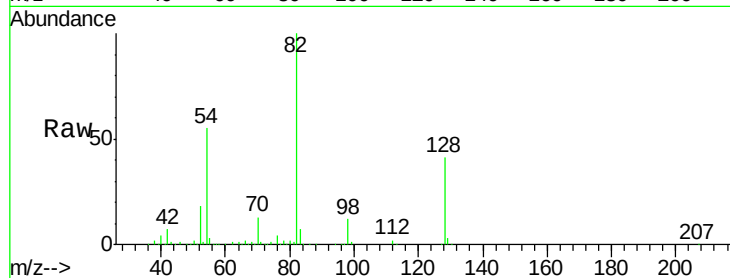
Tot Ion: 82 Resp: 397051

Ion Ratio Lower Upper

82 100

128 41.1 30.0 45.0

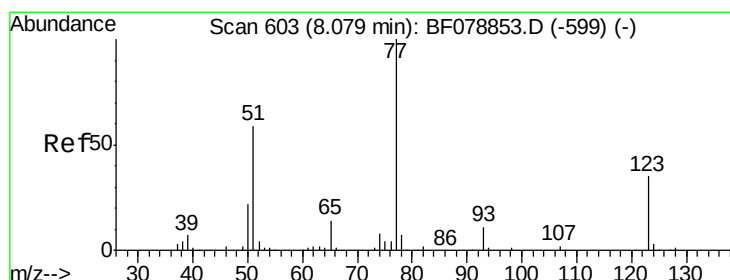
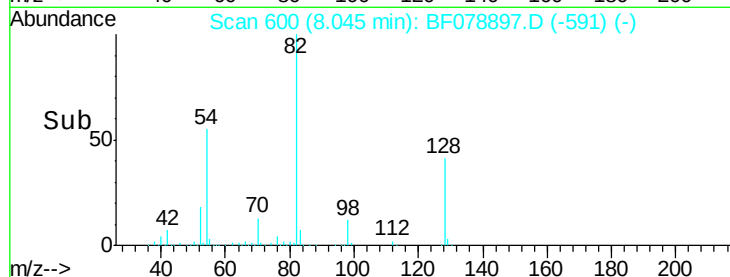
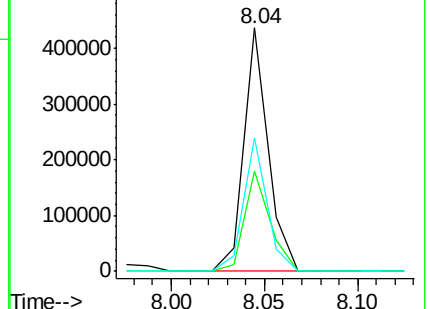
54 54.6 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.02 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

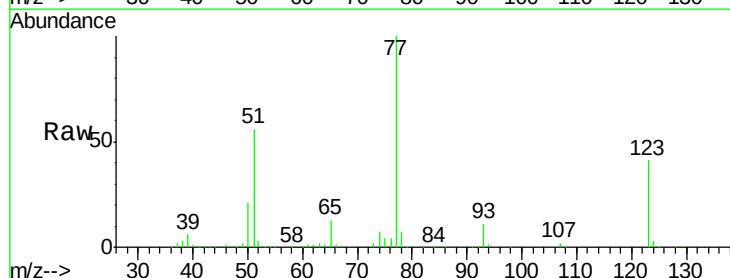
Tgt Ion: 77 Resp: 207579

Ion Ratio Lower Upper

77 100

123 40.9 31.8 47.8

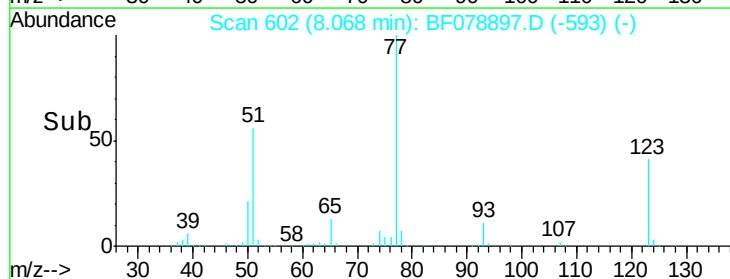
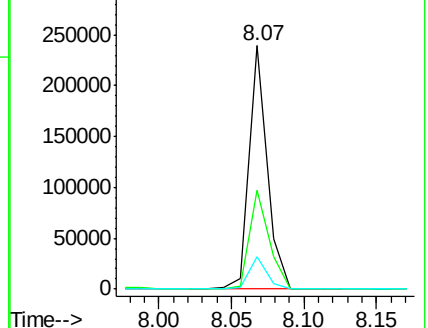
65 13.3 10.6 15.8

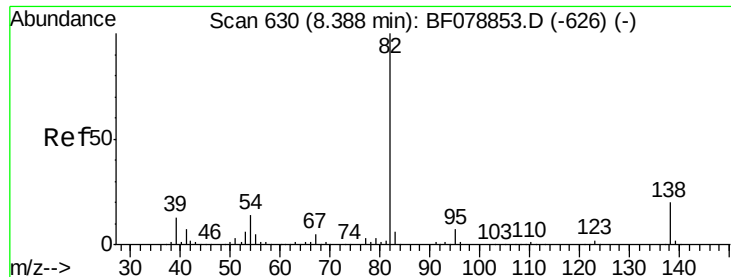


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.59 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

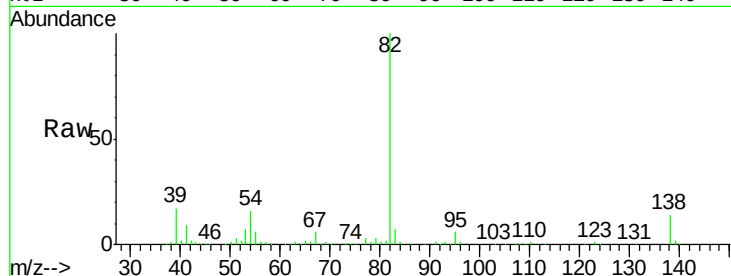
Tot Ion: 82 Resp: 384150

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

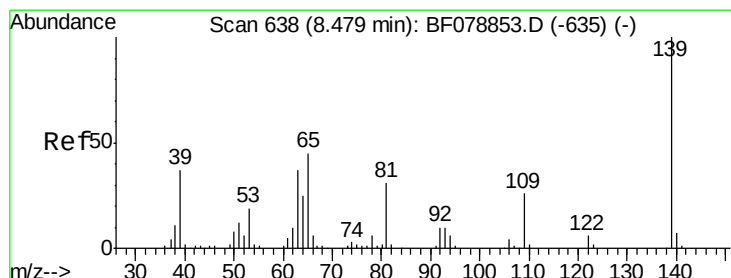
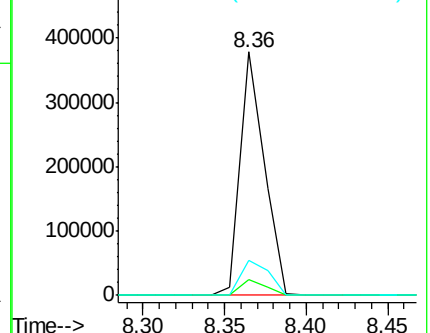
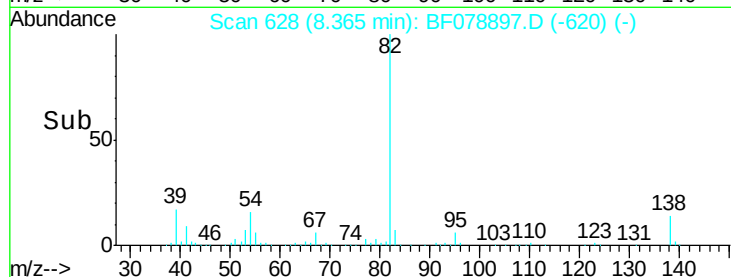
138 14.4 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF078897.D (-620) (-)

Ion 95.00 (94.70 to 95.70): BF078897.D (-620) (-)

Ion 138.00 (137.70 to 138.70): BF078897.D (-620) (-)



#26

2-Nitrophenol

Concen: 43.65 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

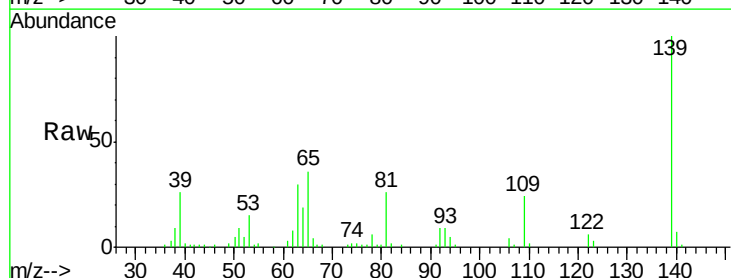
Tgt Ion: 139 Resp: 91430

Ion Ratio Lower Upper

139 100

109 23.6 21.0 31.4

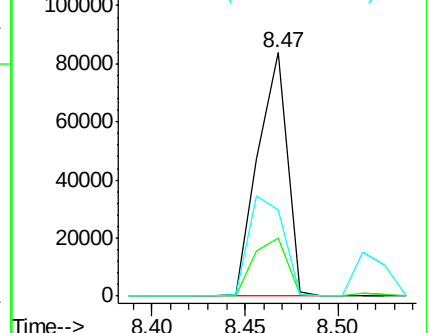
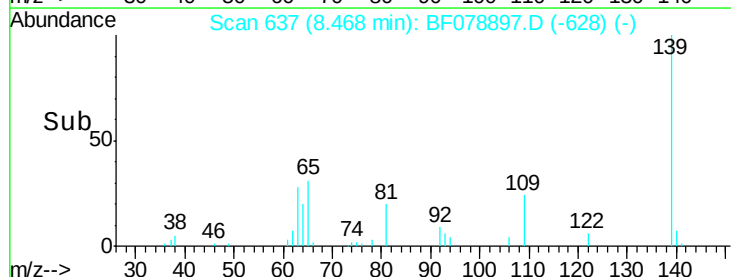
65 35.6 30.5 45.7

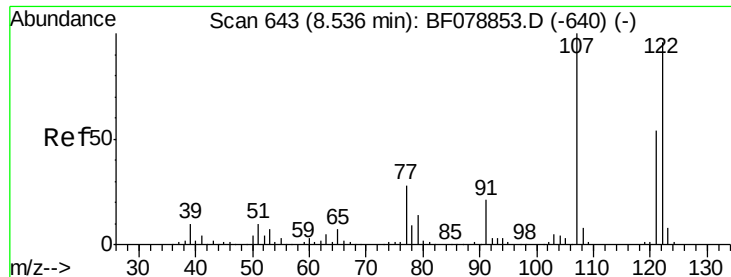


Abundance Ion 139.00 (138.70 to 139.70): BF078897.D (-628) (-)

Ion 109.00 (108.70 to 109.70): BF078897.D (-628) (-)

Ion 65.00 (64.70 to 65.70): BF078897.D (-628) (-)





#27

2,4-Dimethylphenol

Concen: 44.00 ng

RT: 8.52 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

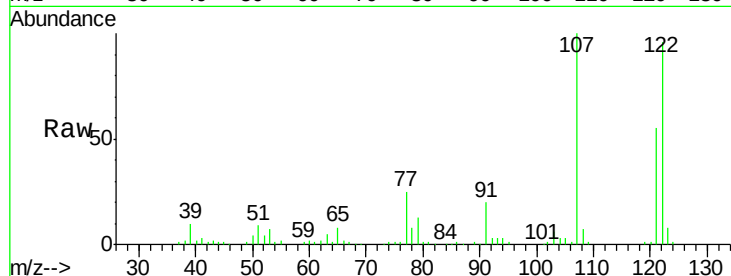
Tot Ion:122 Resp: 184420

Ion Ratio Lower Upper

122 100

107 104.2 90.6 135.8

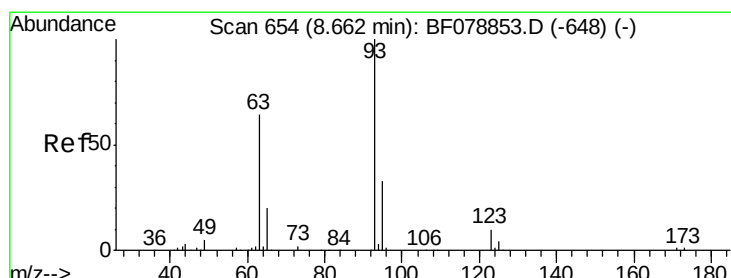
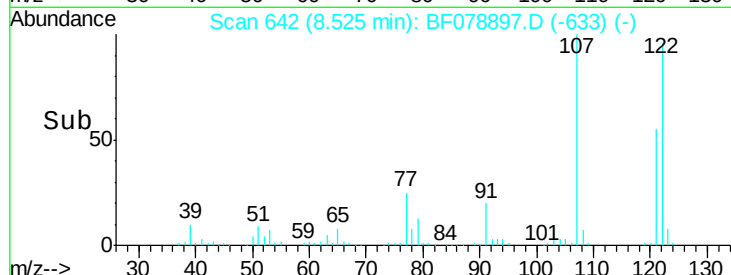
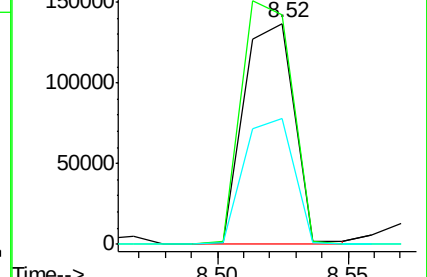
121 57.2 45.4 68.2



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: 42.32 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

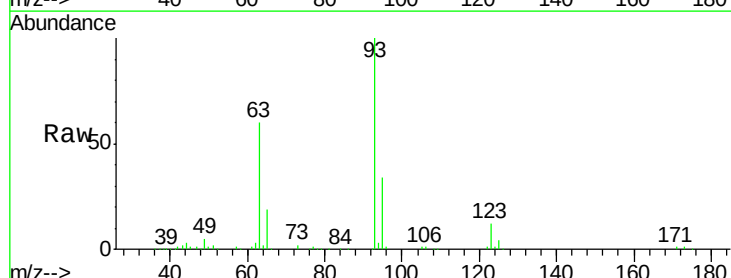
Tgt Ion: 93 Resp: 246964

Ion Ratio Lower Upper

93 100

95 33.8 26.7 40.1

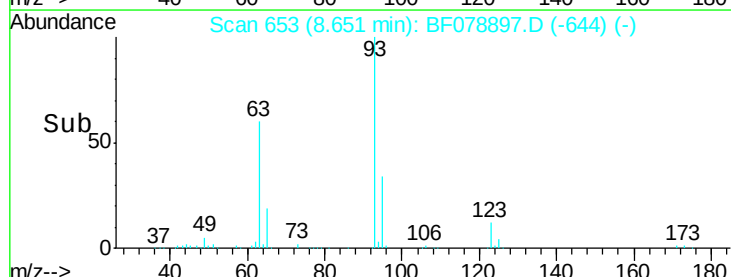
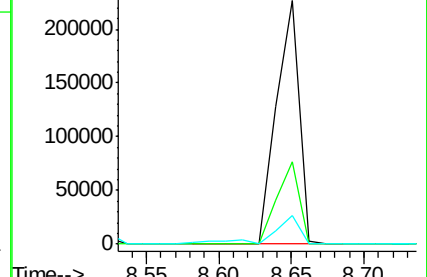
123 11.7 9.1 13.7

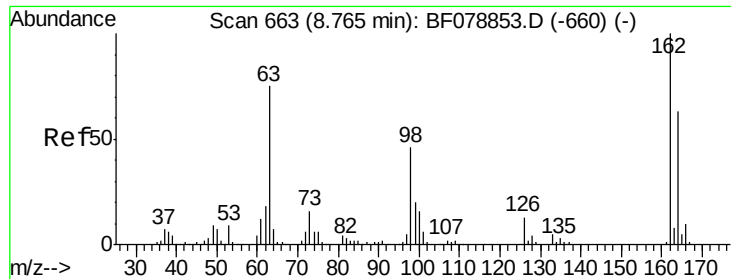


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

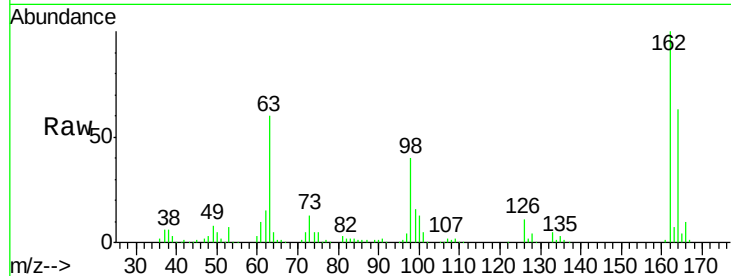




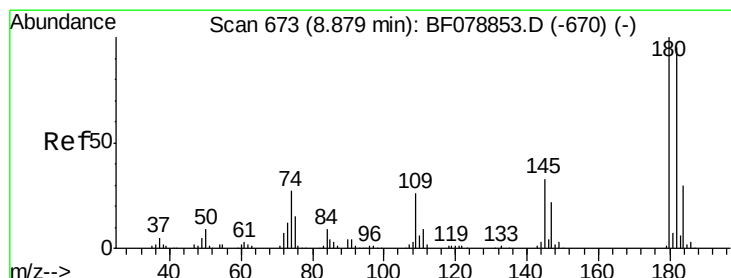
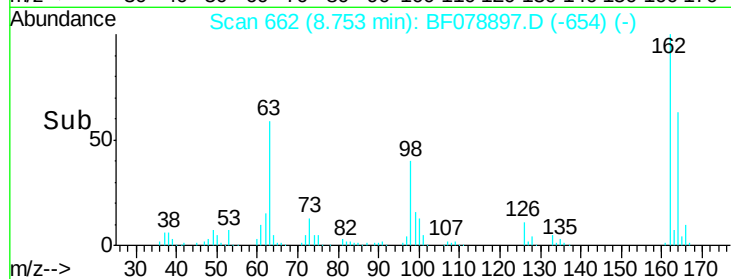
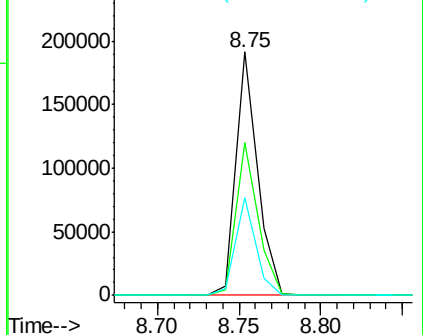
#29
 2,4-Dichlorophenol
 Concen: 46.79 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	162	Resp	174388
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.6	83.6
98	40.3	16.5	56.5

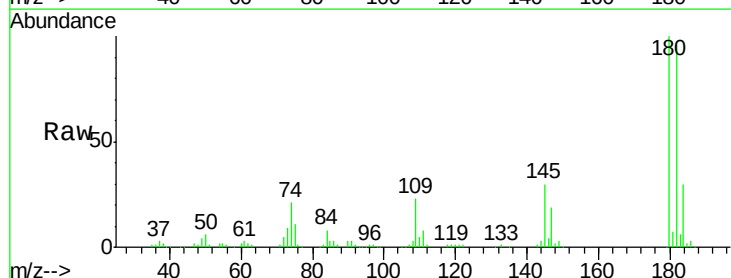


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

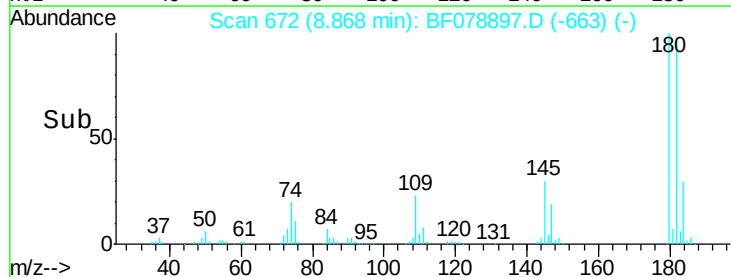
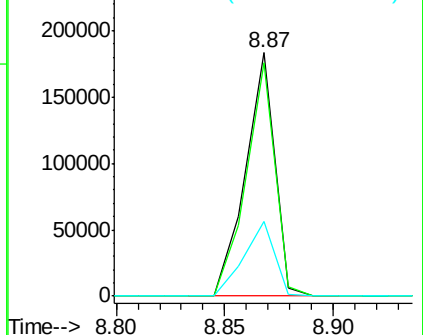


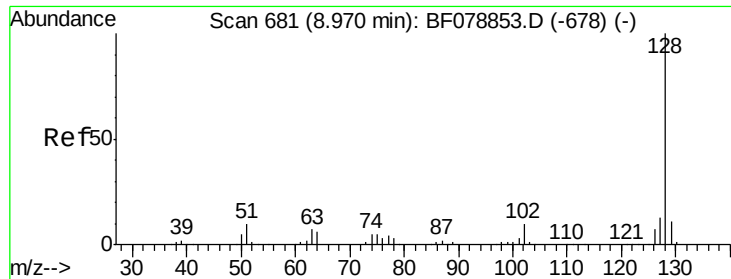
#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 8.87 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion	180	Resp	171339
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.9	118.3
145	30.4	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

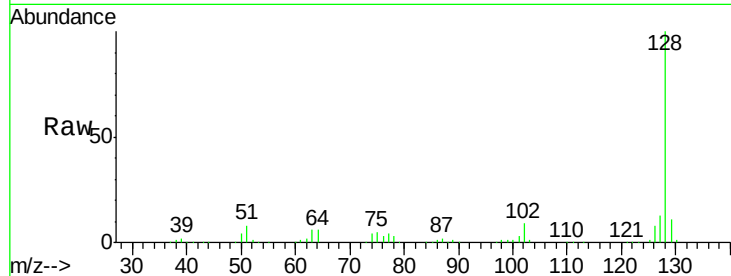




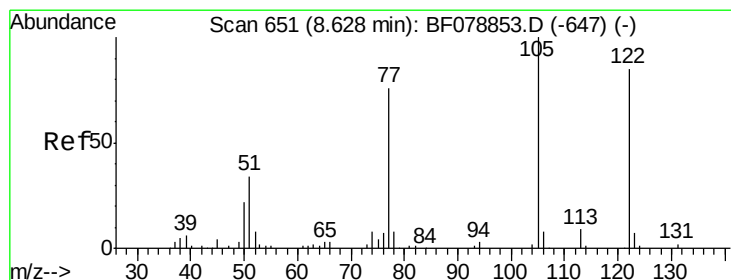
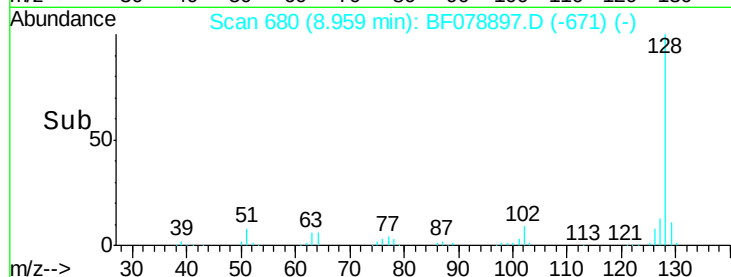
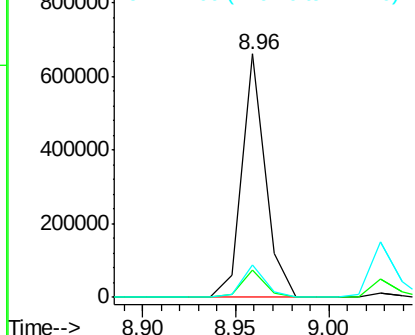
#31
Naphthalene
Concen: 41.31 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion:128 Resp: 577545
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 10.7 16.1

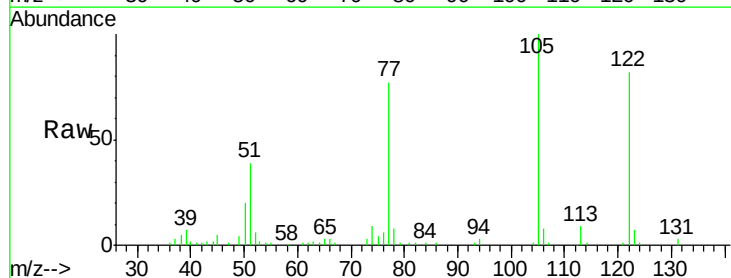


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

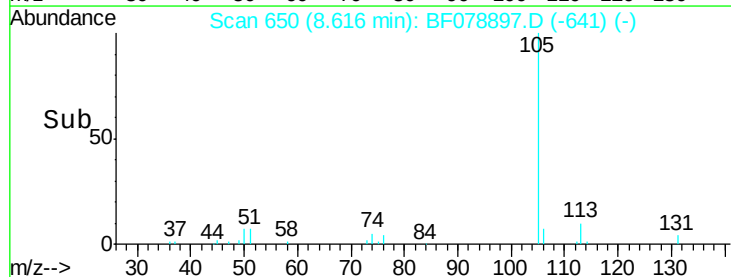
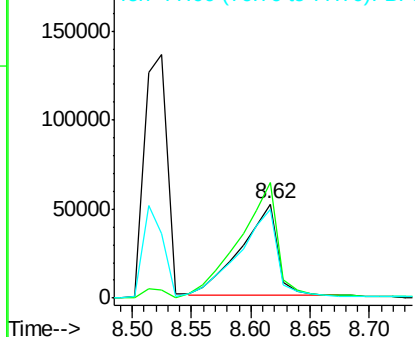


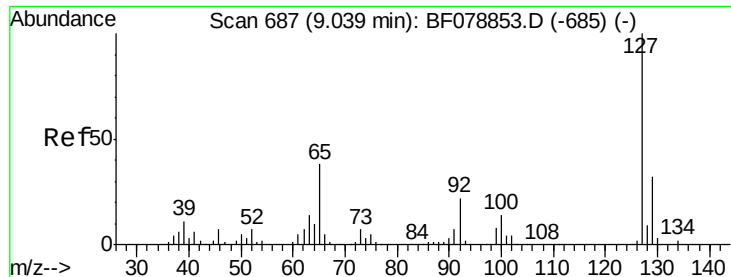
#32
Benzoic acid
Concen: 43.91 ng
RT: 8.62 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:122 Resp: 113652
Ion Ratio Lower Upper
122 100
105 122.4 107.1 147.1
77 94.5 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

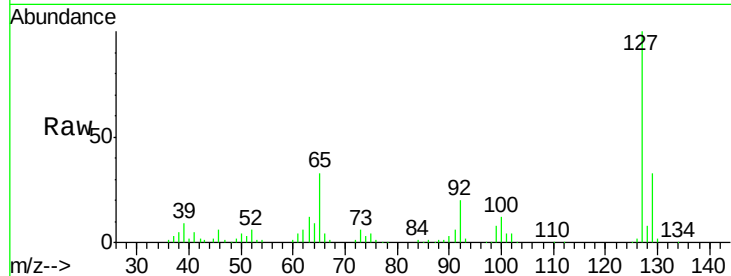




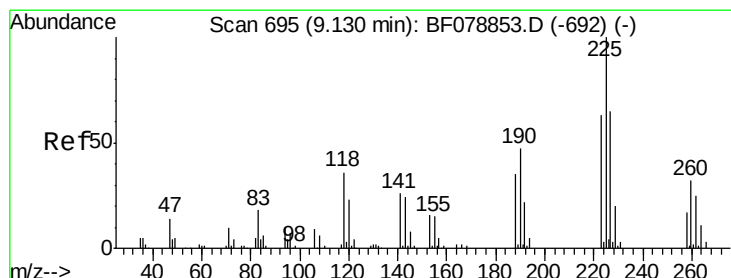
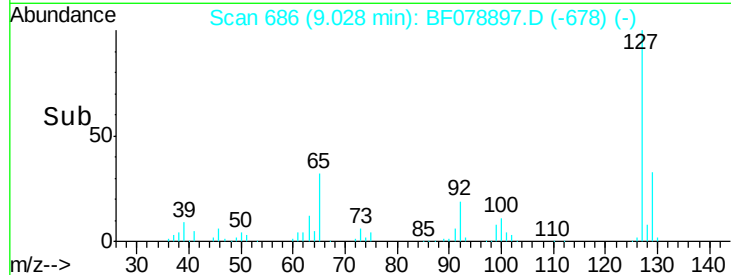
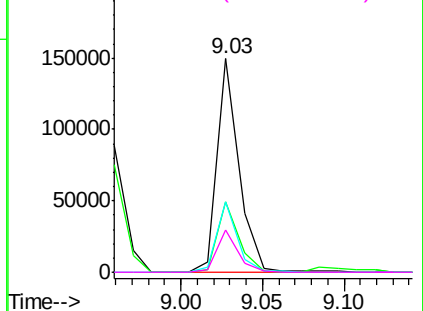
#33
4-Chloroaniline
Concen: 23.69 ng
RT: 9.03 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion:	127	Resp:	140134
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	32.9	25.8	38.6
92	19.6	15.5	23.3

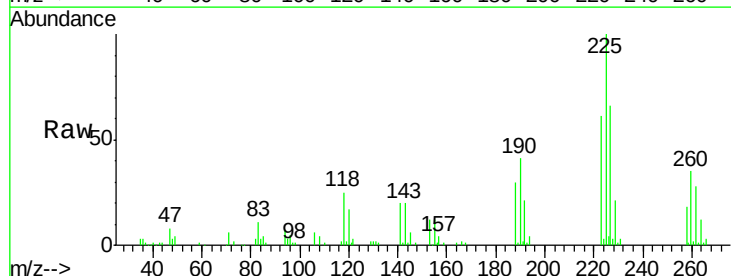


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

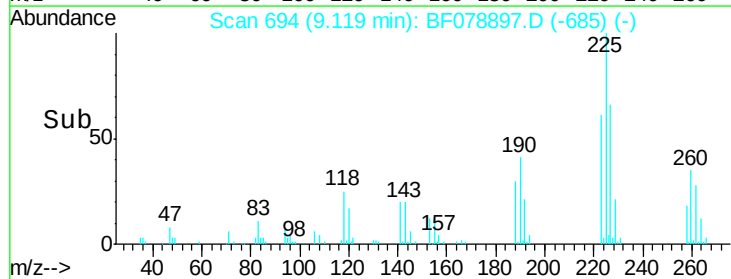
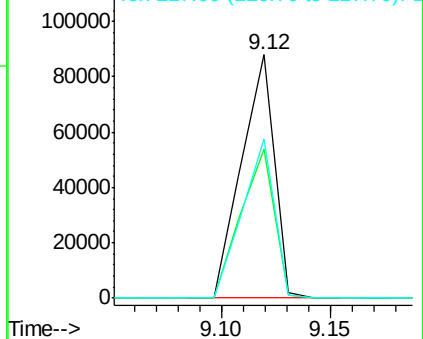


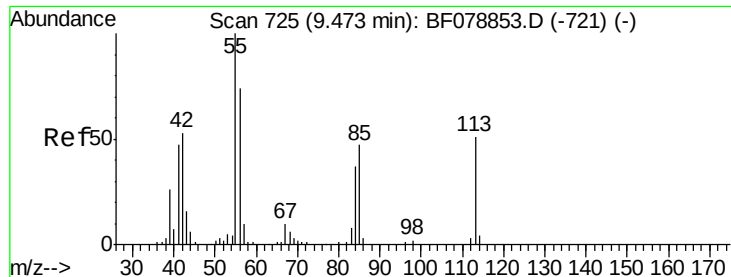
#34
Hexachlorobutadiene
Concen: 39.06 ng
RT: 9.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:	225	Resp:	92101
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.2	72.4
227	65.6	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

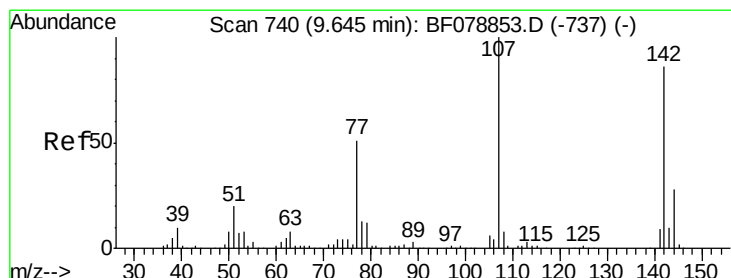
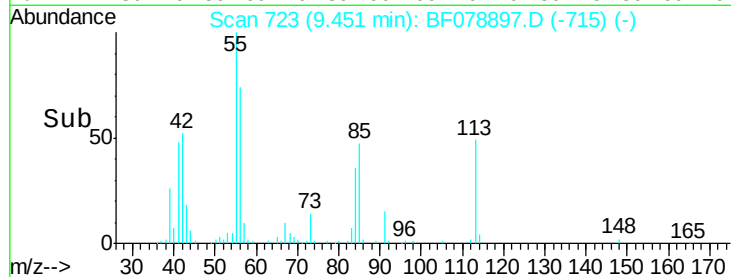
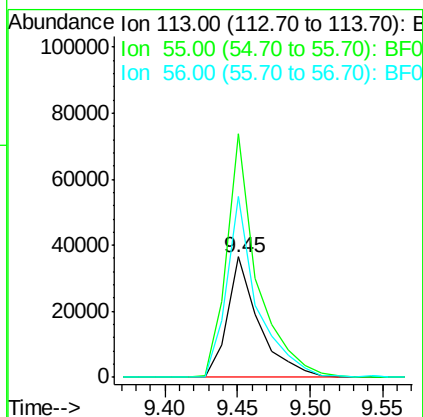
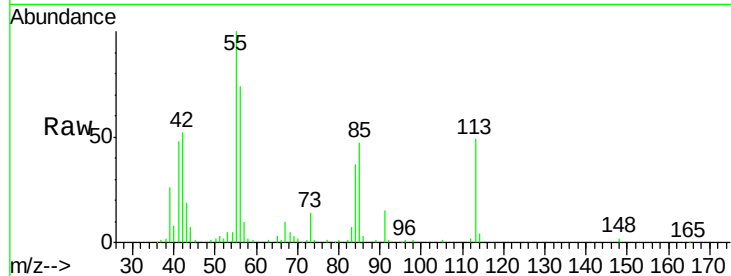




#35
 Caprolactam
 Concen: 45.72 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

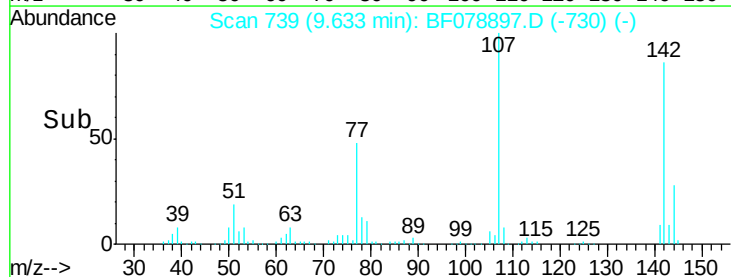
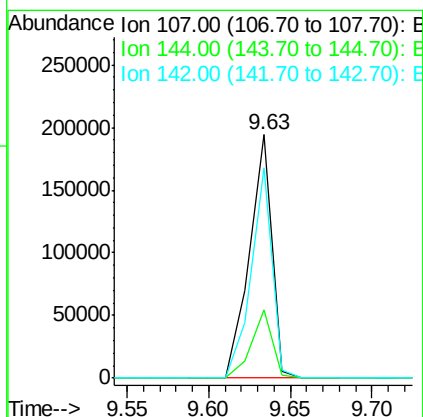
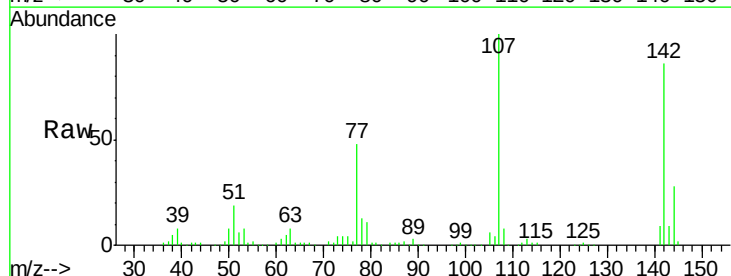
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

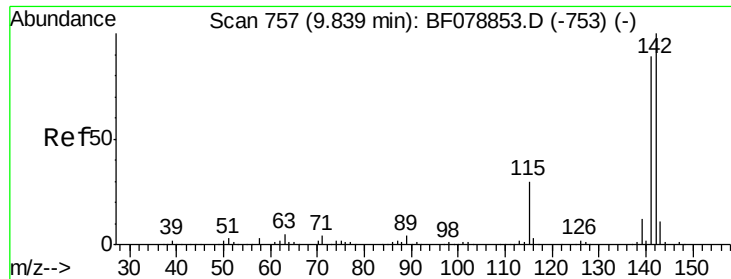
Tot Ion:113 Resp: 55106
 Ion Ratio Lower Upper
 113 100
 55 202.2 169.7 209.7
 56 150.5 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.45 ng
 RT: 9.63 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:107 Resp: 185746
 Ion Ratio Lower Upper
 107 100
 144 28.1 19.8 29.6
 142 86.1 60.6 91.0

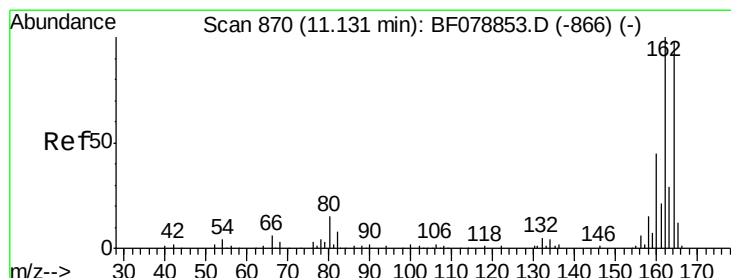
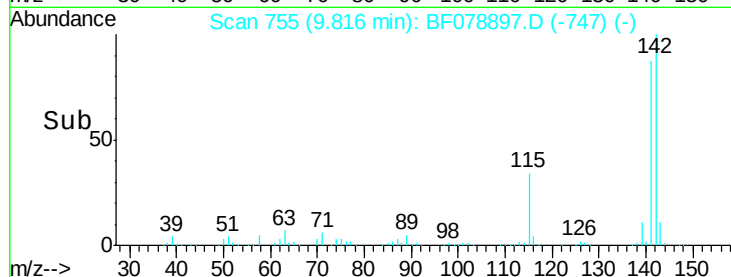
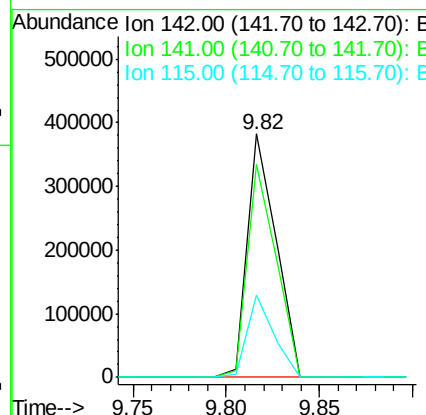
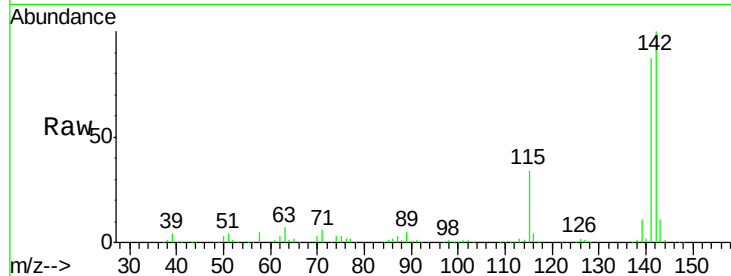




#37
2-Methylnaphthalene
Concen: 42.25 ng
RT: 9.82 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

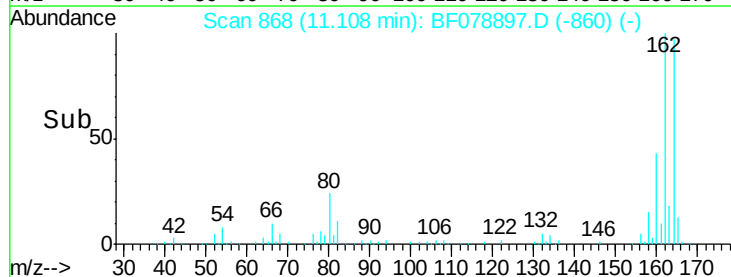
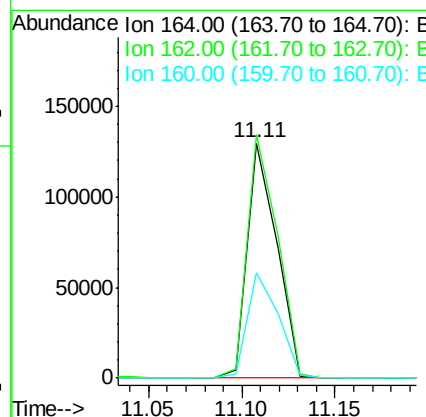
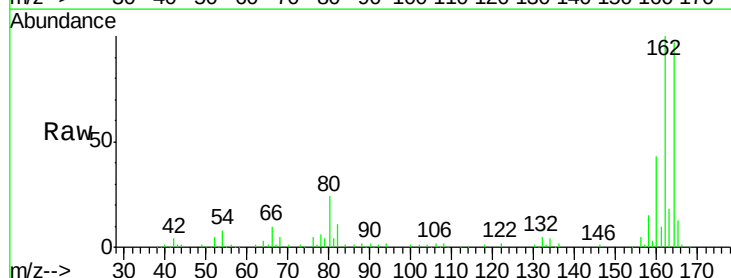
Instrument :
BNA_F
ClientSampleId :
PB83016BS

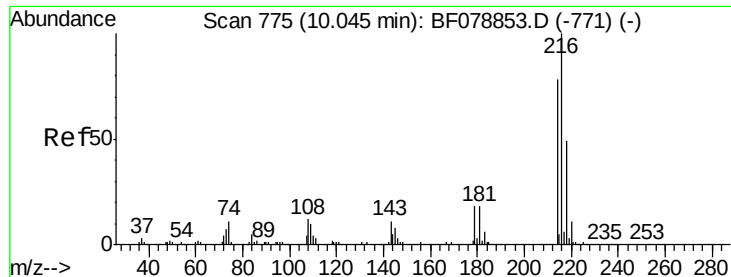
Tot Ion:142 Resp: 409326
Ion Ratio Lower Upper
142 100
141 87.3 70.9 106.3
115 33.9 28.5 42.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:164 Resp: 141723
Ion Ratio Lower Upper
164 100
162 103.5 82.7 124.1
160 44.8 35.8 53.8

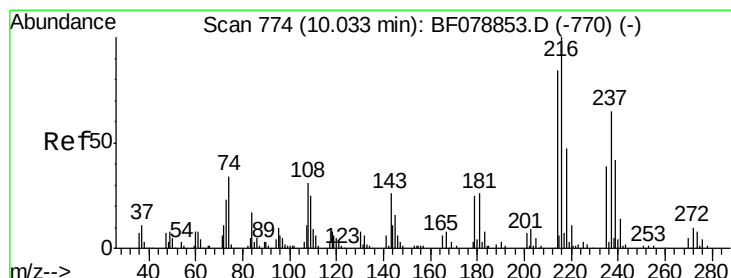
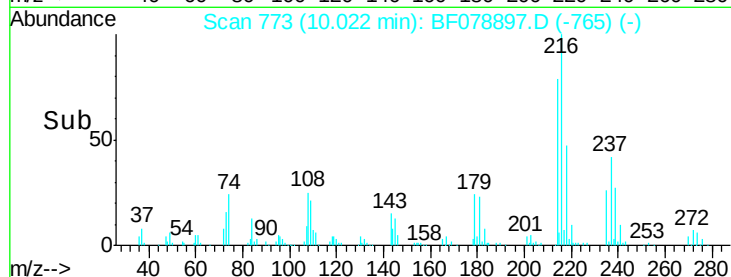
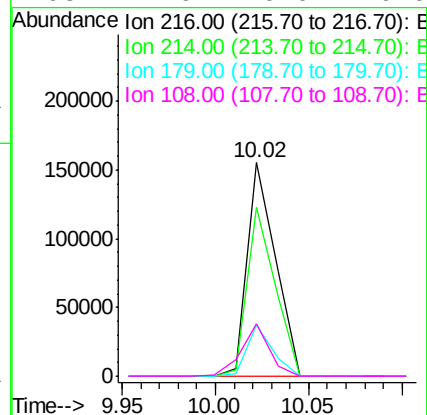
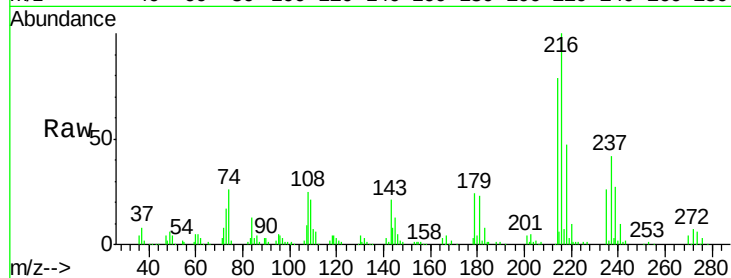




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.77 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

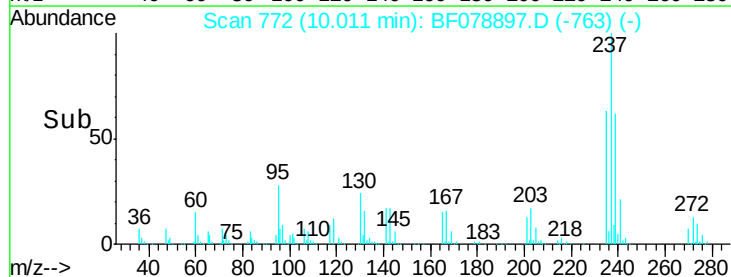
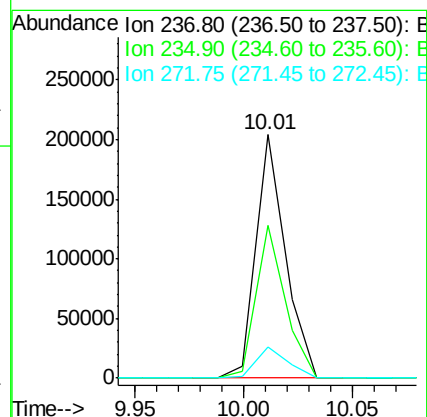
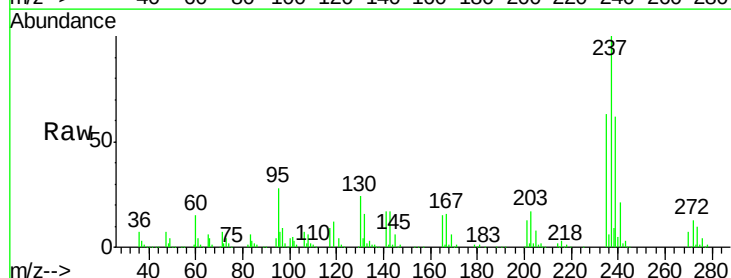
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

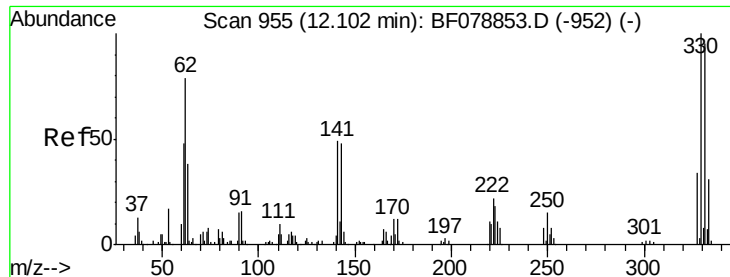
Tot Ion:216	Resp:	162743
Ion Ratio	Lower	Upper
216	100	
214	77.9	0.0 0.0#
179	22.0	0.0 0.0#
108	24.9	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 95.46 ng
 RT: 10.01 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:237	Resp:	191588
Ion Ratio	Lower	Upper
237	100	
235	62.7	44.7 84.7
272	12.9	0.0 32.6

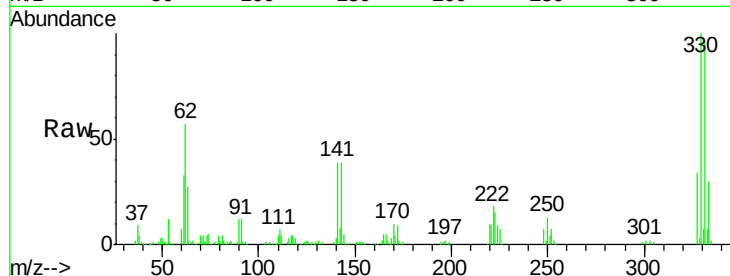




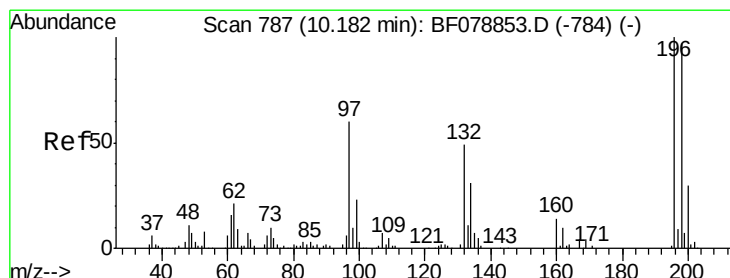
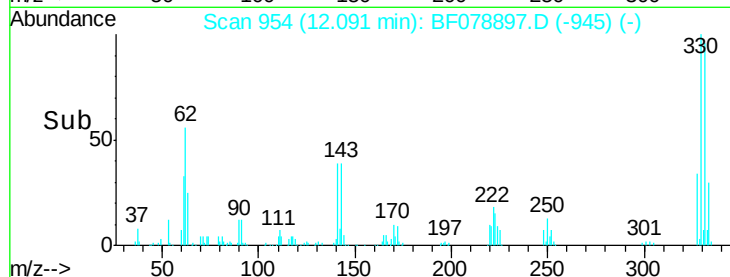
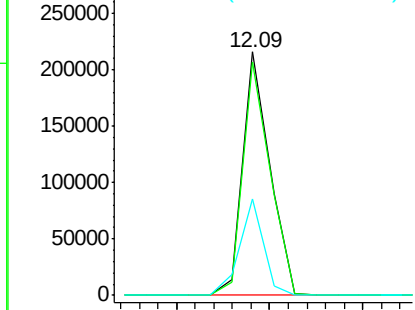
#41
 2,4,6-Tribromophenol
 Concen: 144.22 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	35.2	0.0	0.0#

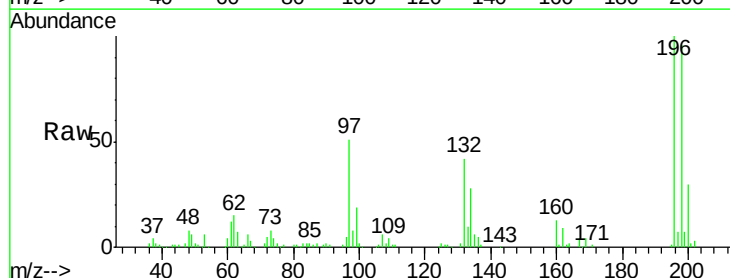


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

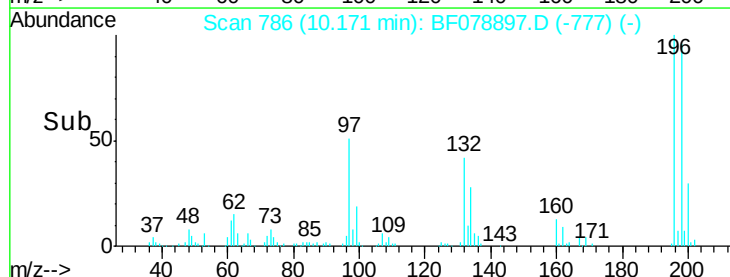
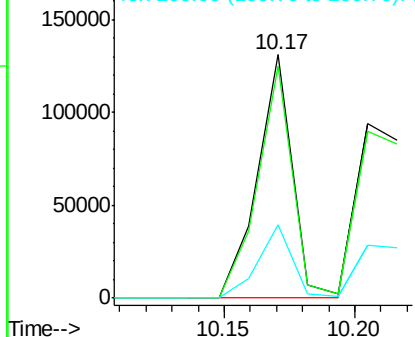


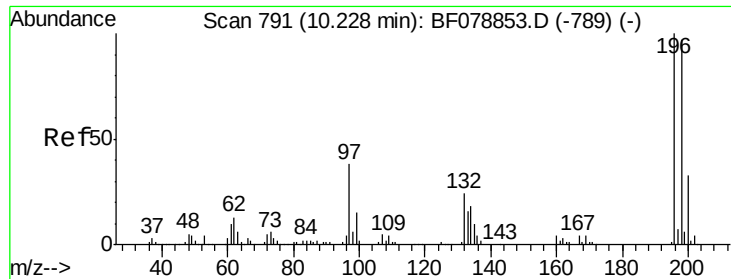
#42
 2,4,6-Trichlorophenol
 Concen: 44.76 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	80.5	120.7
200	30.2	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

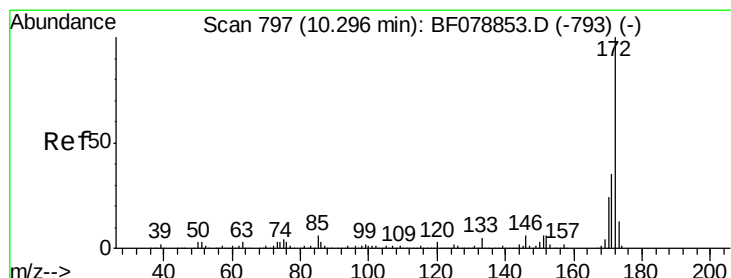
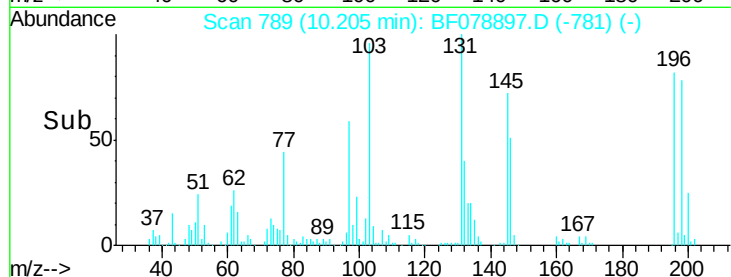
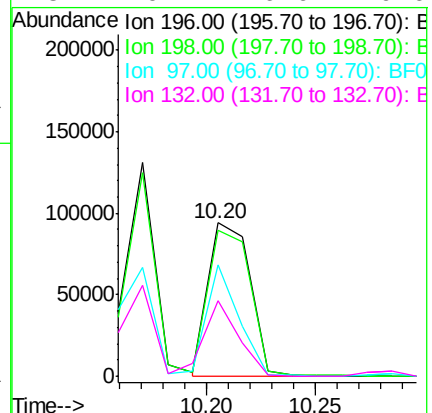
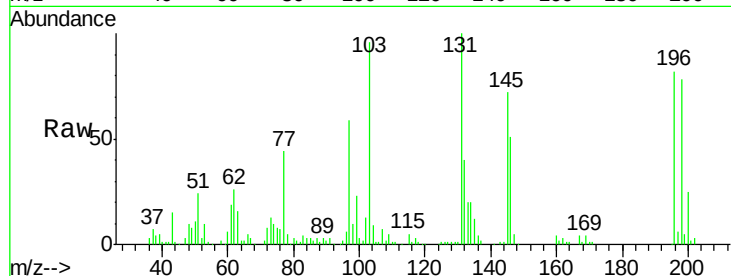




#43
 2,4,5-Trichlorophenol
 Concen: 44.97 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

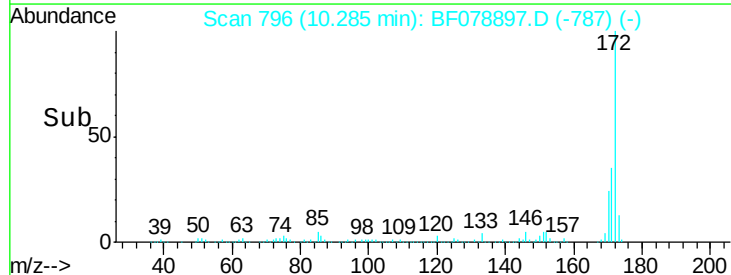
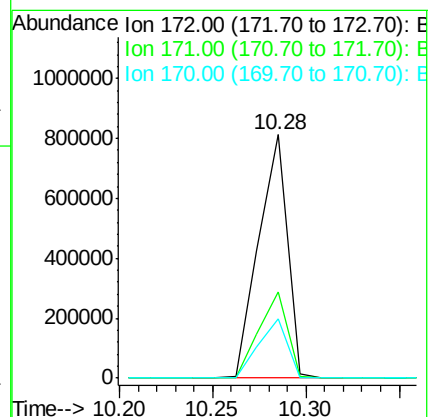
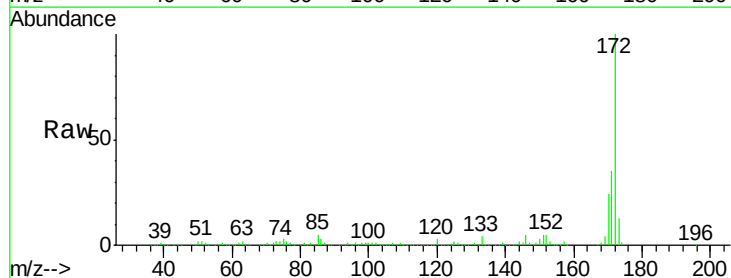
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

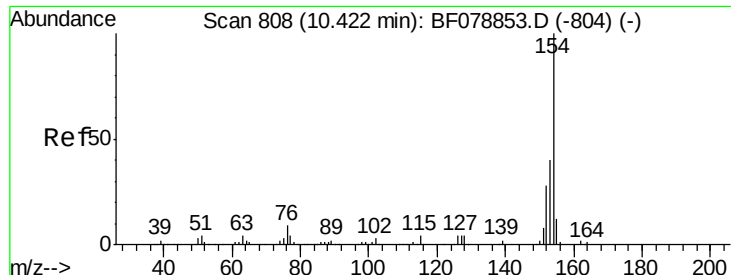
Tot Ion:196 Resp: 124754
 Ion Ratio Lower Upper
 196 100
 198 95.3 79.8 119.6
 97 72.5 46.0 69.0#
 132 49.1 26.6 40.0#



#44
 2-Fluorobiphenyl
 Concen: 84.46 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:172 Resp: 859197
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.9 41.9
 170 24.4 19.4 29.0

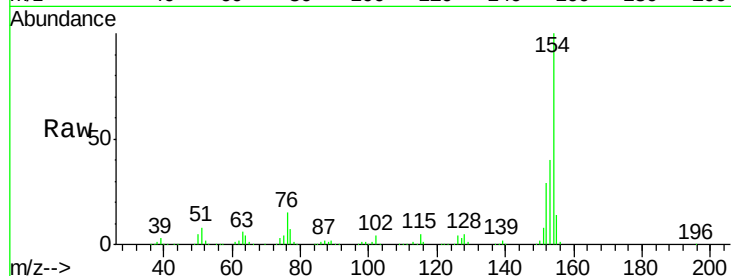




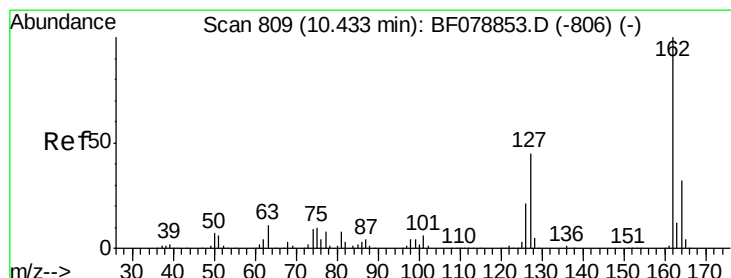
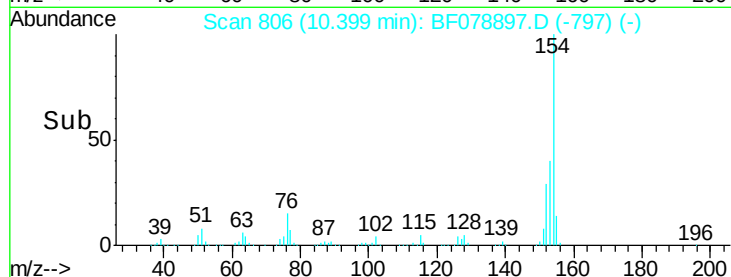
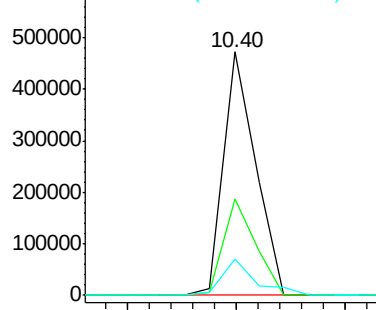
#45
 1,1'-Biphenyl
 Concen: 42.94 ng
 RT: 10.40 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion:154 Resp: 483739
 Ion Ratio Lower Upper
 154 100
 153 39.8 19.9 59.9
 76 15.0 0.0 35.0

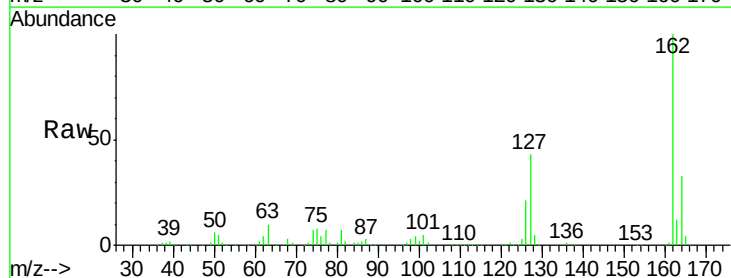


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

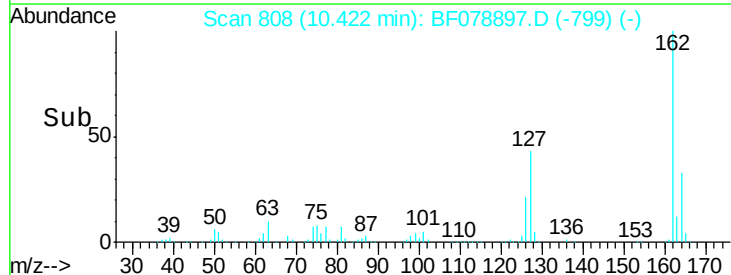
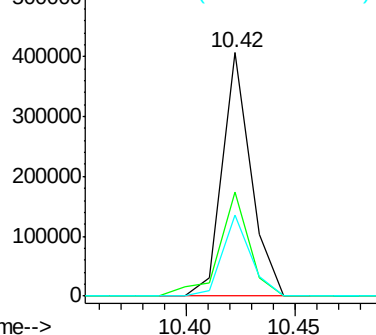


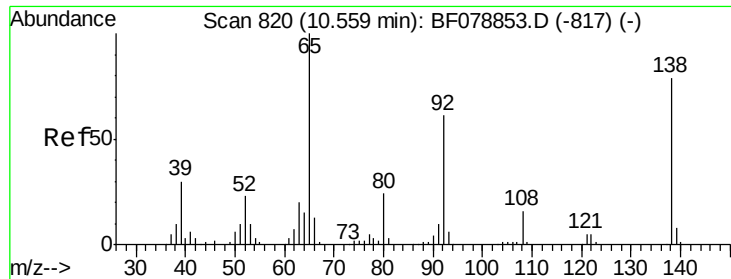
#46
 2-Chloronaphthalene
 Concen: 42.24 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:162 Resp: 371244
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.9 50.9
 164 33.2 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

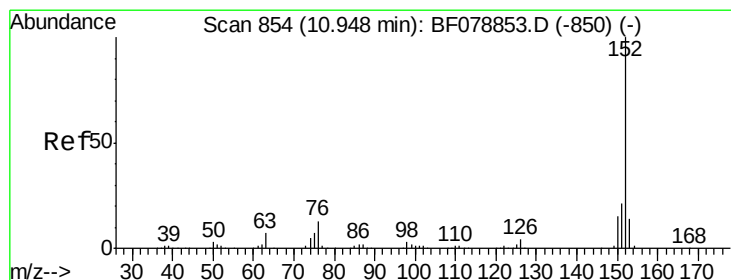
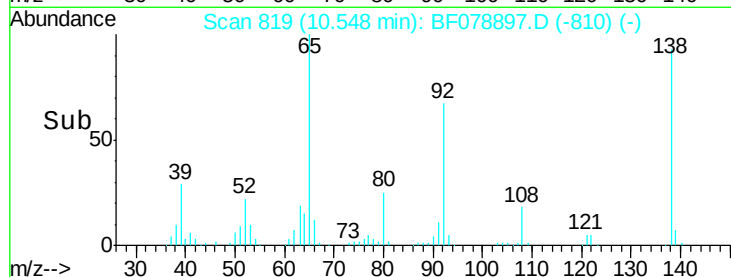
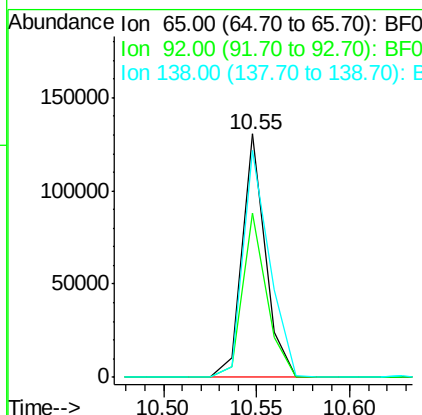
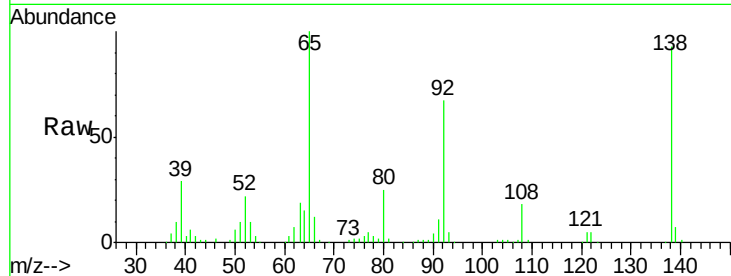




#47
2-Nitroaniline
Concen: 44.86 ng
RT: 10.55 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

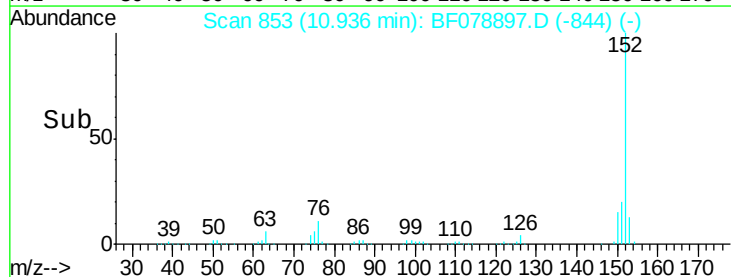
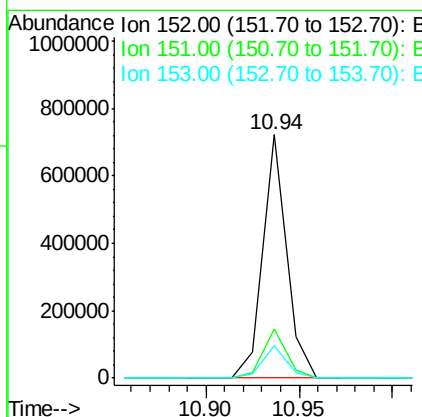
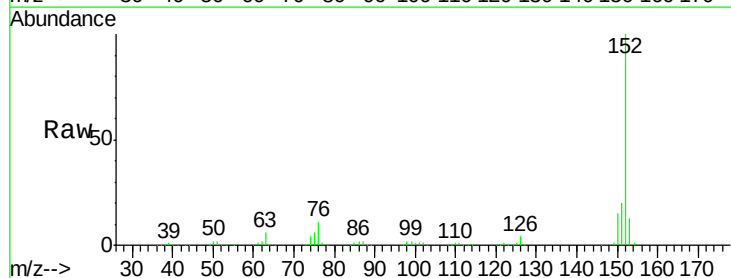
Instrument :
BNA_F
ClientSampleId :
PB83016BS

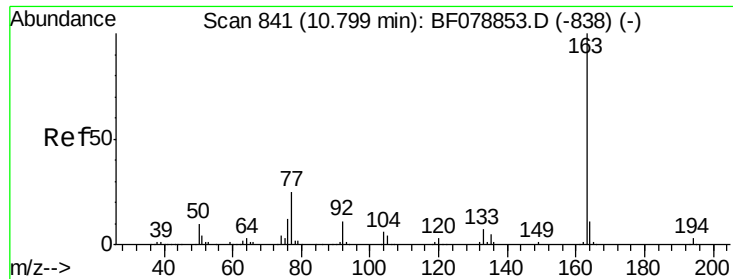
Tot Ion: 65 Resp: 114239
Ion Ratio Lower Upper
65 100
92 67.3 54.0 81.0
138 93.2 75.0 112.6



#48
Acenaphthylene
Concen: 43.90 ng
RT: 10.94 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion: 152 Resp: 633440
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.3 10.9 16.3

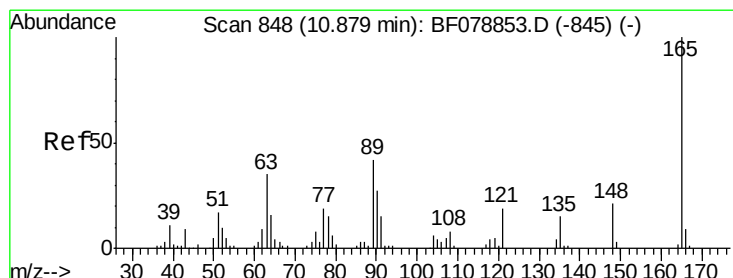
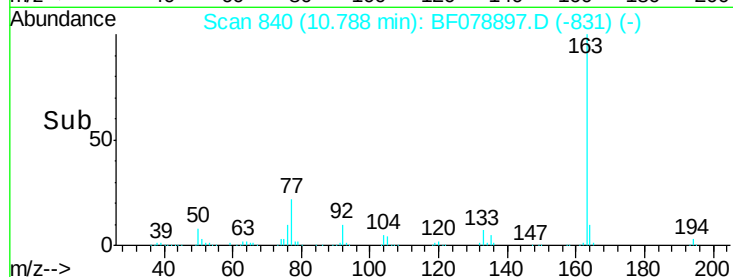
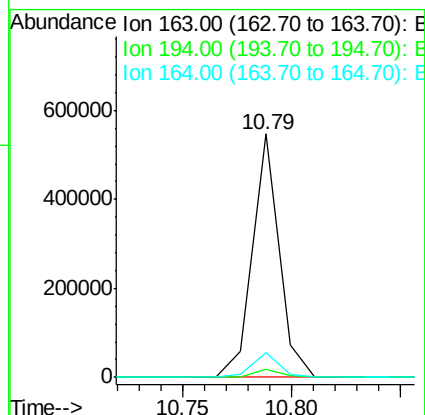
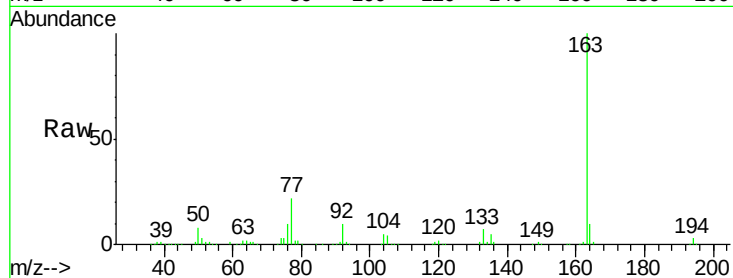




#49
Dimethylphthalate
Concen: 44.76 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

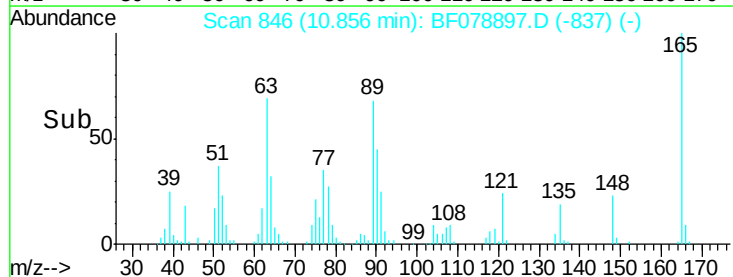
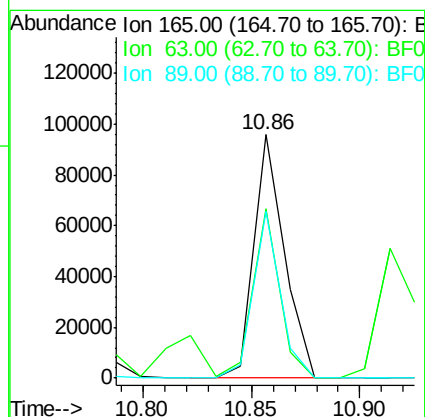
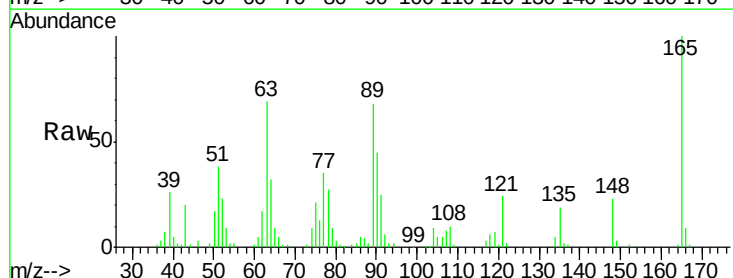
Instrument :
BNA_F
ClientSampleId :
PB83016BS

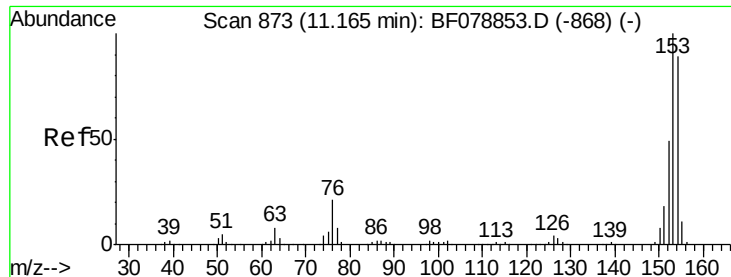
Tot Ion:163 Resp: 465537
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 45.20 ng
RT: 10.86 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:165 Resp: 92774
Ion Ratio Lower Upper
165 100
63 69.3 54.4 81.6
89 68.4 55.7 83.5





#51

Acenaphthene

Concen: 42.90 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

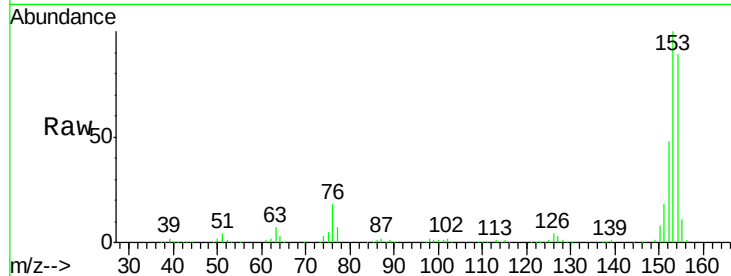
Tot Ion:154 Resp: 369110

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

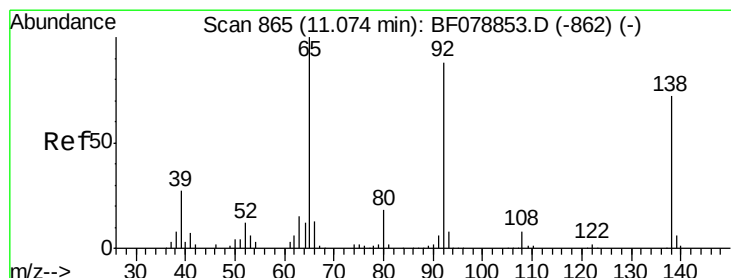
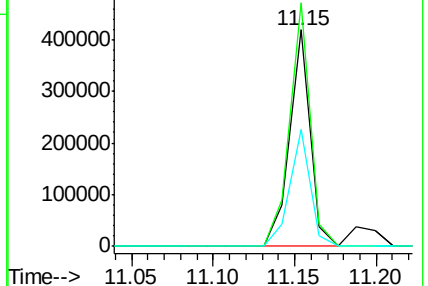
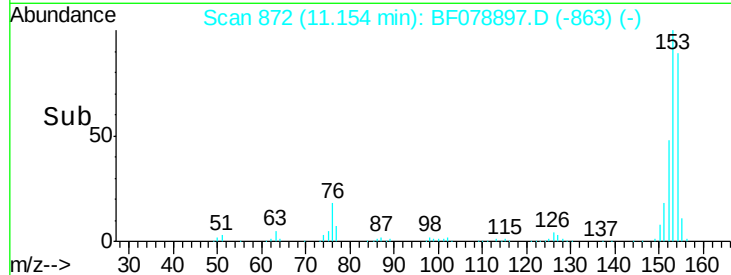
152 54.1 44.2 66.4



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: 32.71 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

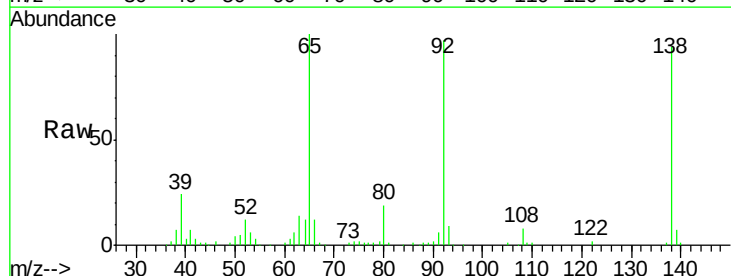
Tgt Ion:138 Resp: 83883

Ion Ratio Lower Upper

138 100

108 8.9 10.6 16.0#

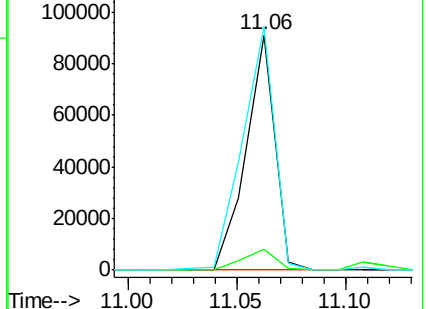
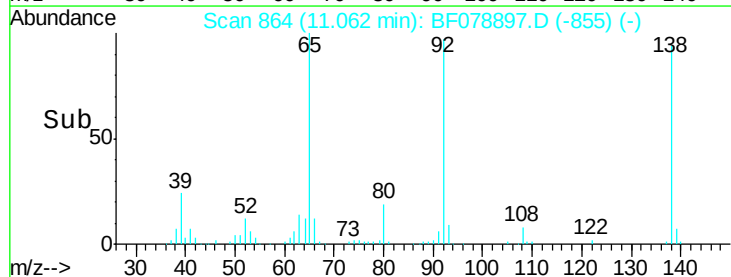
92 103.5 81.8 122.6

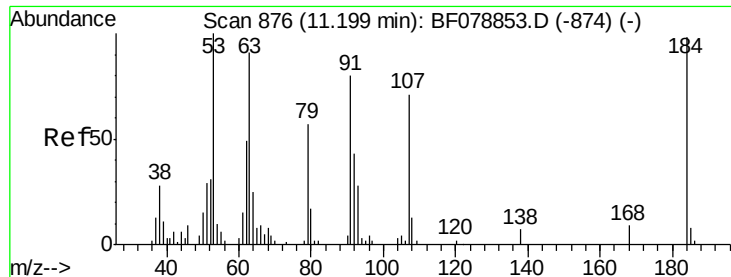


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

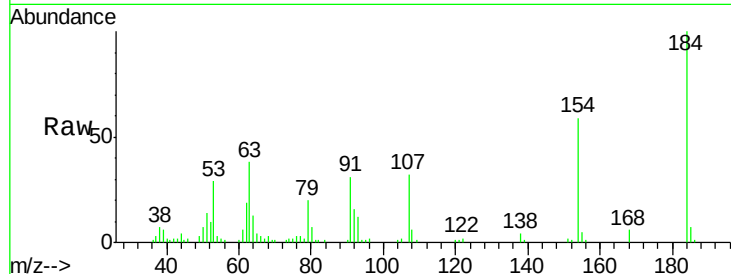




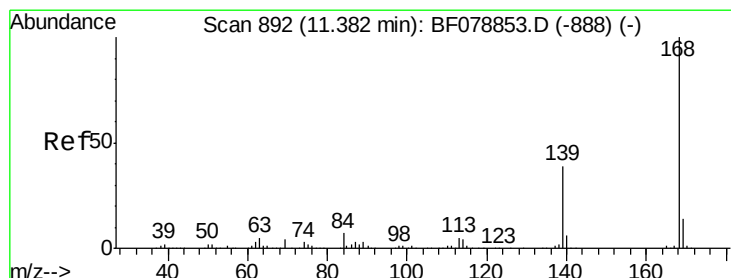
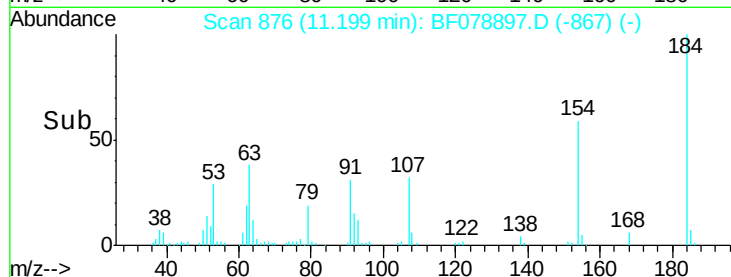
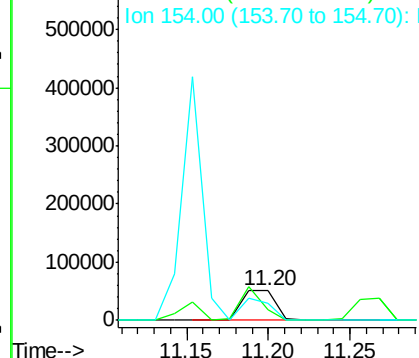
#53
 2,4-Dinitrophenol
 Concen: 81.95 ng
 RT: 11.20 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion:184 Resp: 72692
 Ion Ratio Lower Upper
 184 100
 63 37.5 63.3 94.9#
 154 58.7 53.8 80.6

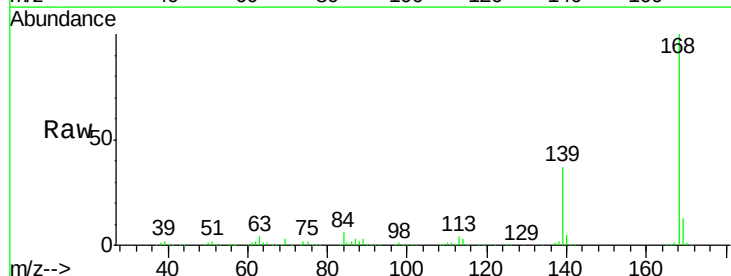


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

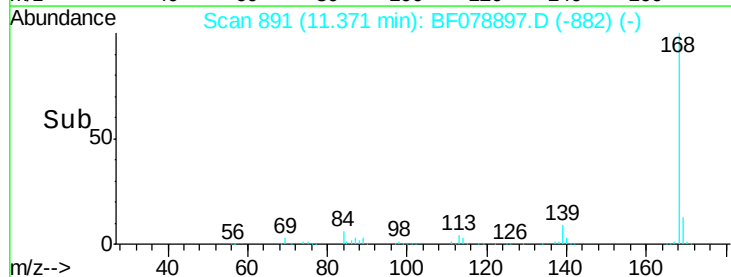
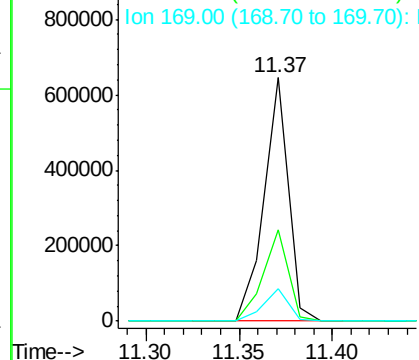


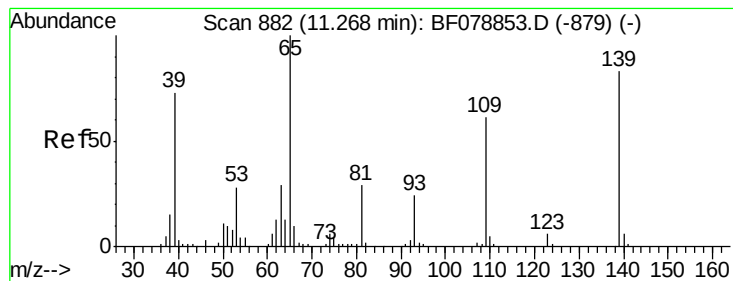
#54
 Dibenzofuran
 Concen: 46.49 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:168 Resp: 577899
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.0 46.4
 169 13.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 99.06 ng

RT: 11.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

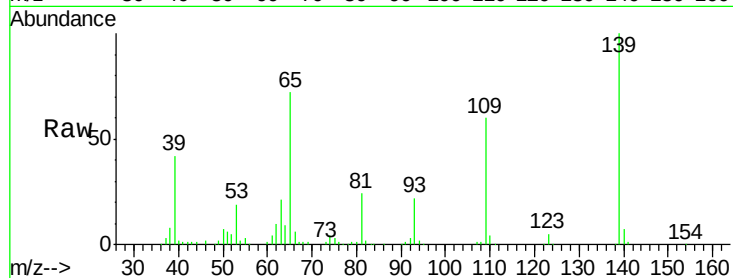
Tot Ion:139 Resp: 201041

Ion Ratio Lower Upper

139 100

109 59.9 47.6 87.6

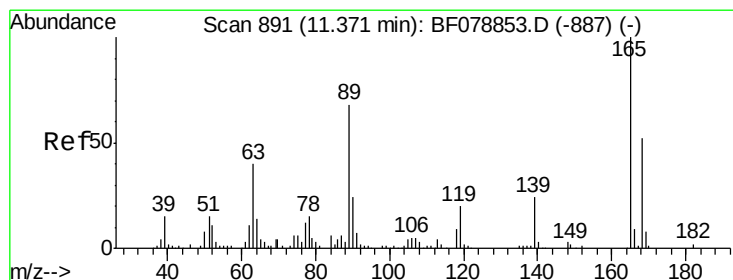
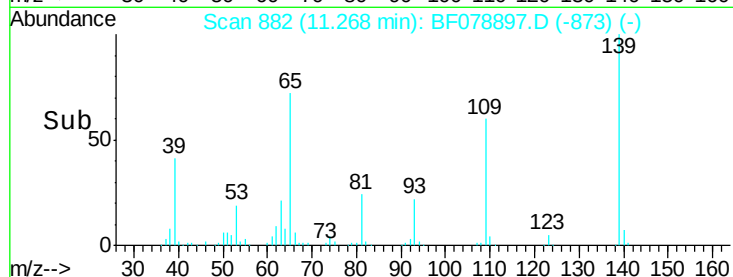
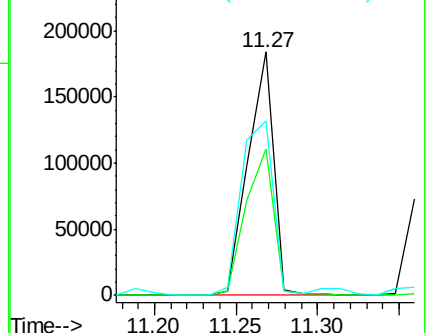
65 71.6 54.3 94.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 48.48 ng

RT: 11.36 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Tgt Ion:165 Resp: 131571

Ion Ratio Lower Upper

165 100

63 42.4 51.2 76.8#

89 63.2 82.7 124.1#

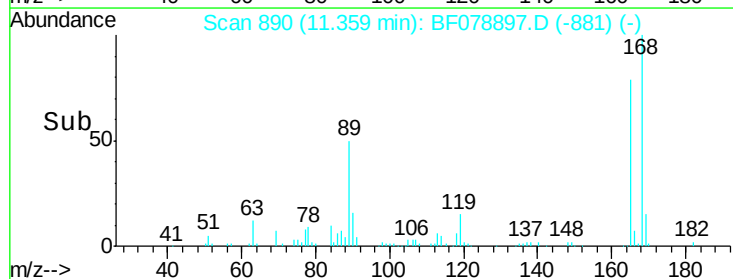
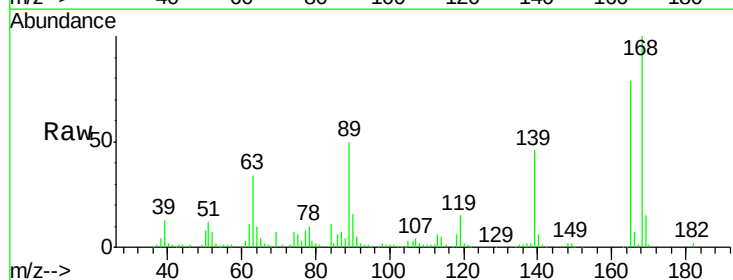
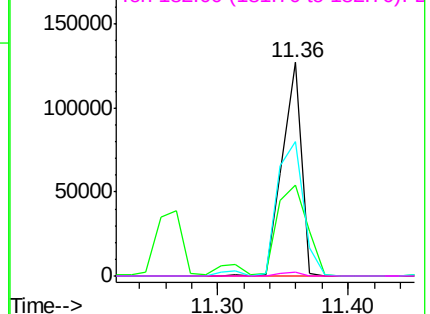
182 1.9 1.4 2.2

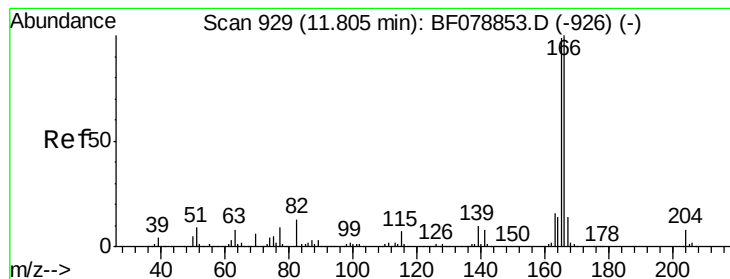
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.76 ng

RT: 11.79 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

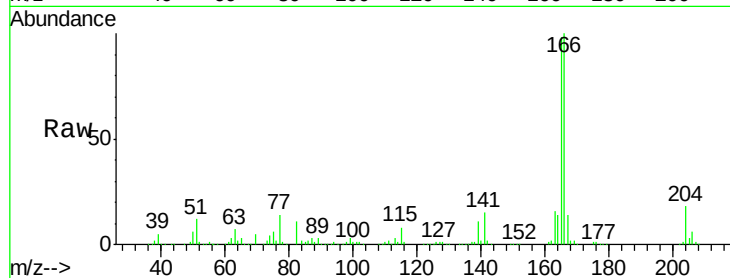
Tot Ion:166 Resp: 456594

Ion Ratio Lower Upper

166 100

165 97.9 78.5 117.7

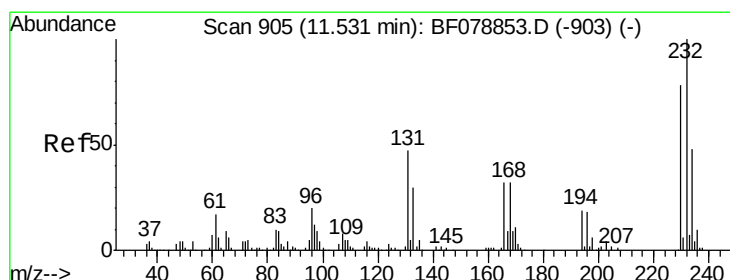
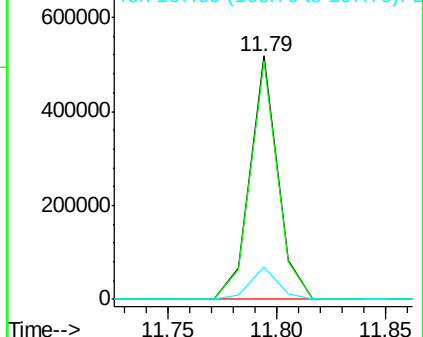
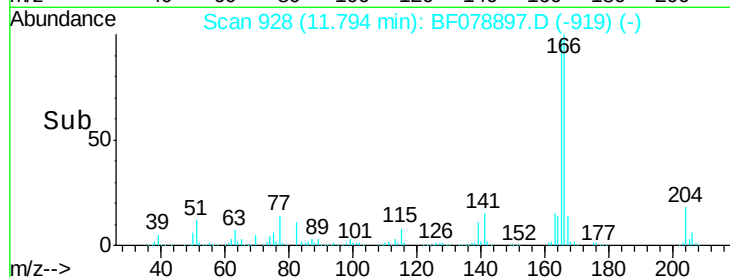
167 13.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.63 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Tgt Ion:232 Resp: 103436

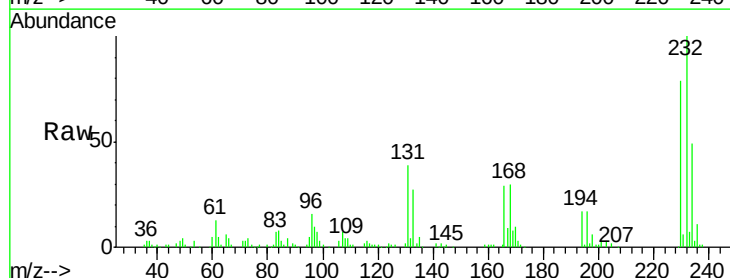
Ion Ratio Lower Upper

232 100

131 51.3 0.0 0.0#

130 2.5 0.0 0.0#

166 33.5 0.0 0.0#

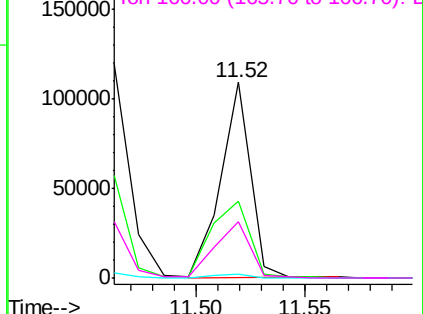
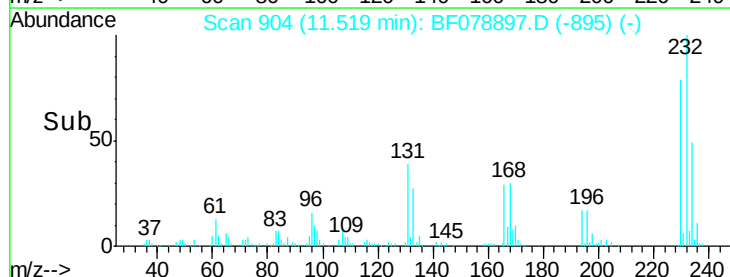


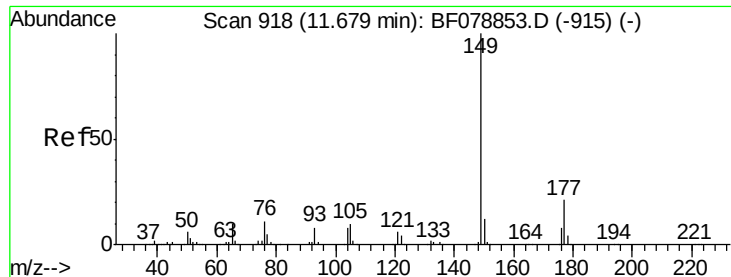
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

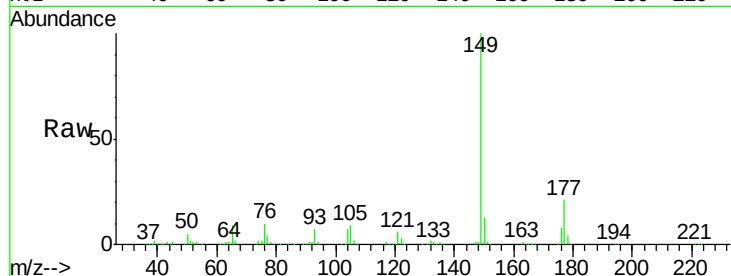




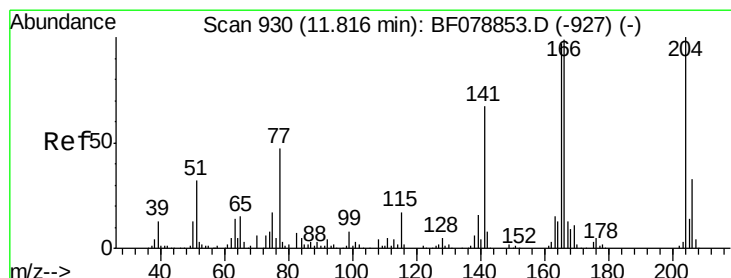
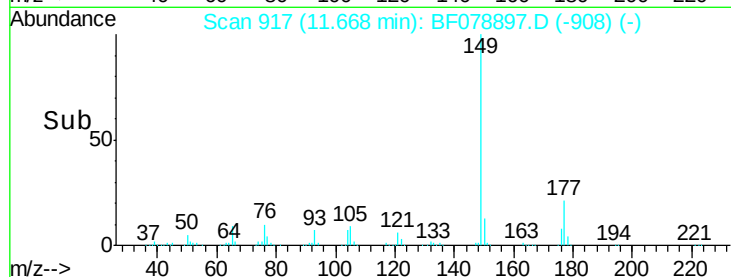
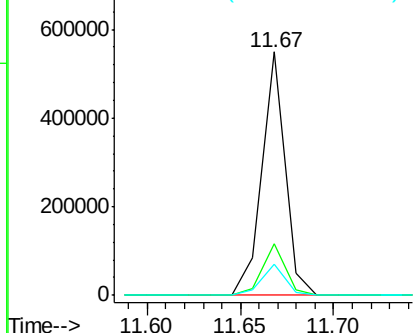
#59
Diethylphthalate
Concen: 45.55 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion:149 Resp: 469398
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.6 9.6 14.4

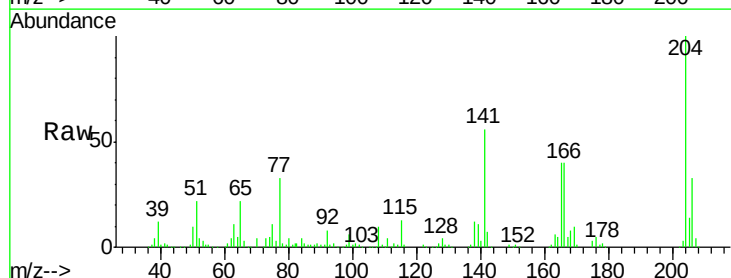


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

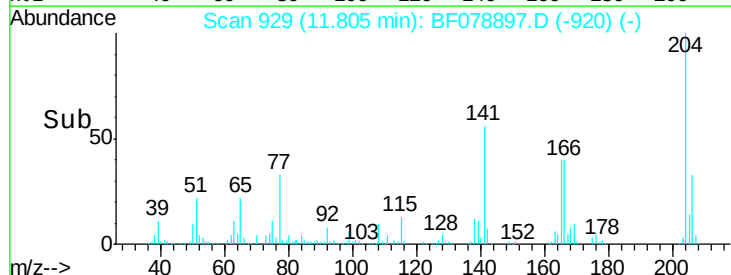
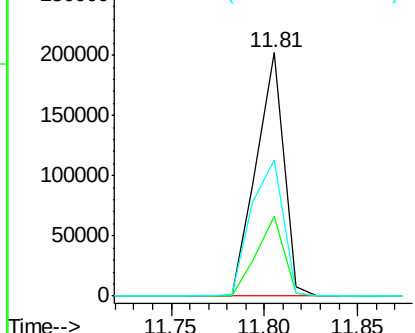


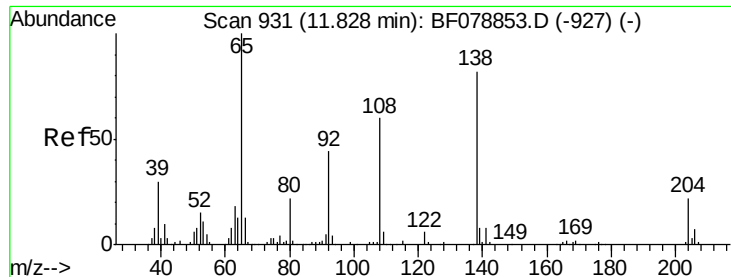
#60
4-Chlorophenyl-phenylether
Concen: 45.87 ng
RT: 11.81 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:204 Resp: 207586
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 55.8 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

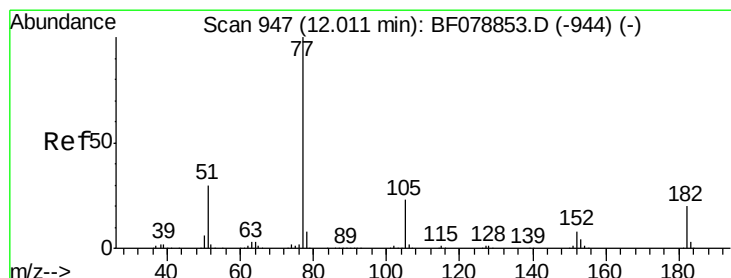
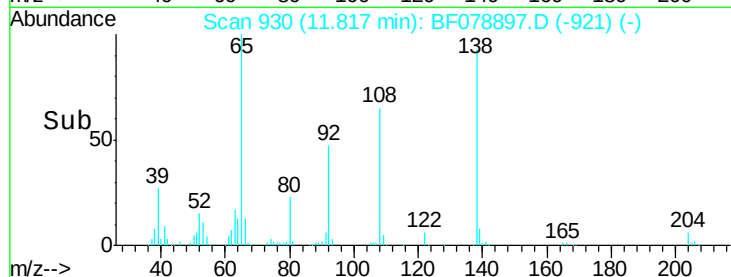
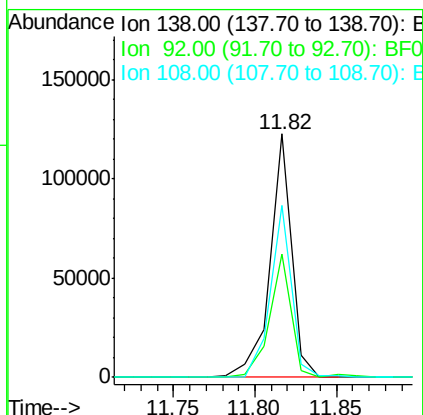
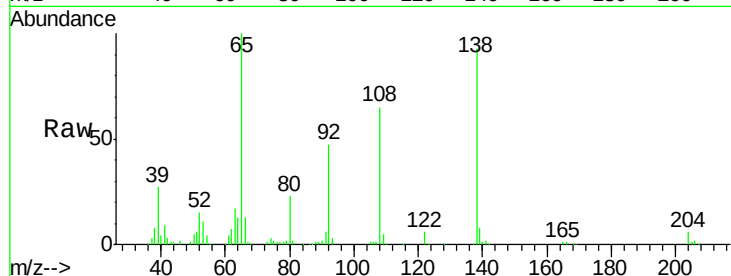




#61
4-Nitroaniline
Concen: 44.41 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

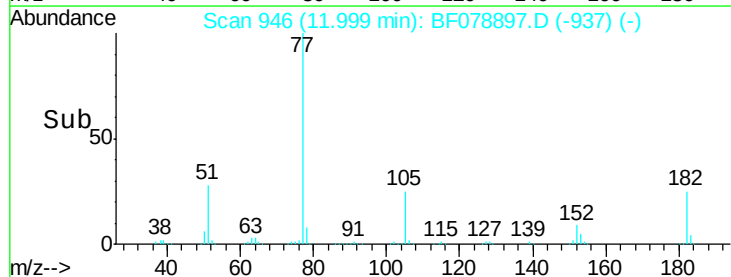
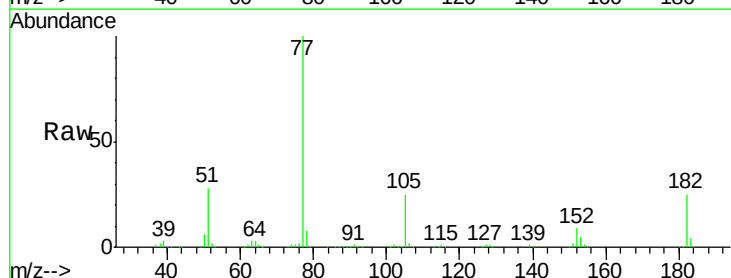
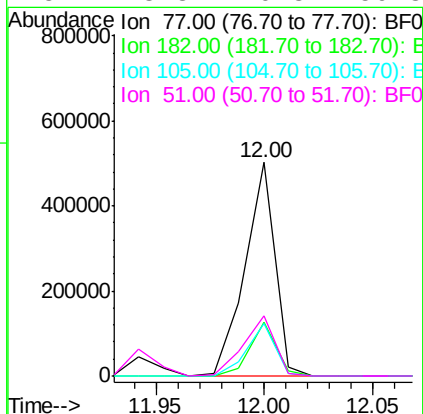
Instrument :
BNA_F
ClientSampleId :
PB83016BS

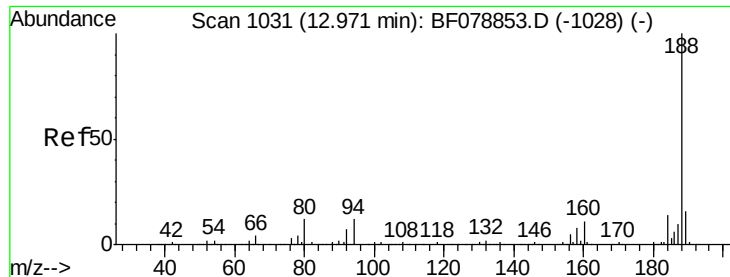
Tot Ion:138 Resp: 113917
Ion Ratio Lower Upper
138 100
92 50.5 28.0 68.0
108 70.4 56.3 96.3



#62
Azobenzene
Concen: 47.26 ng
RT: 12.00 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion: 77 Resp: 479817
Ion Ratio Lower Upper
77 100
182 24.9 3.8 43.8
105 24.9 3.9 43.9
51 28.3 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: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

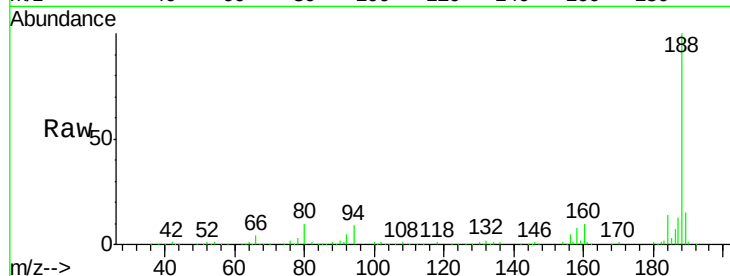
Tot Ion:188 Resp: 284898

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 9.7 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

12.96

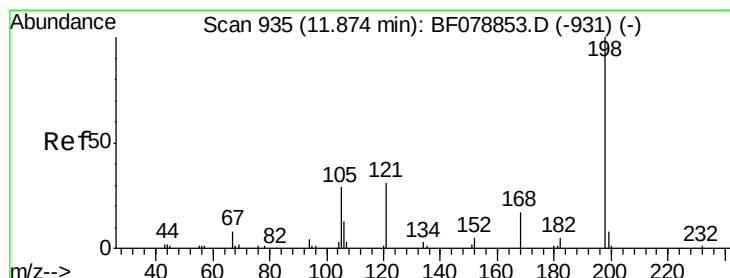
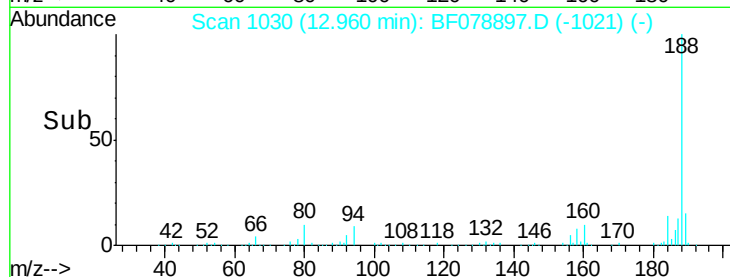
300000

200000

100000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 43.71 ng

RT: 11.85 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

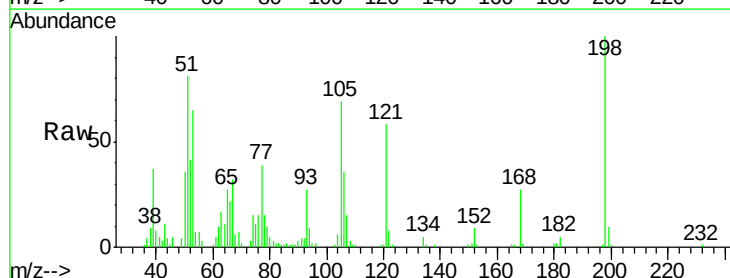
Tgt Ion:198 Resp: 50024

Ion Ratio Lower Upper

198 100

51 81.5 47.3 87.3

105 69.5 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

80000

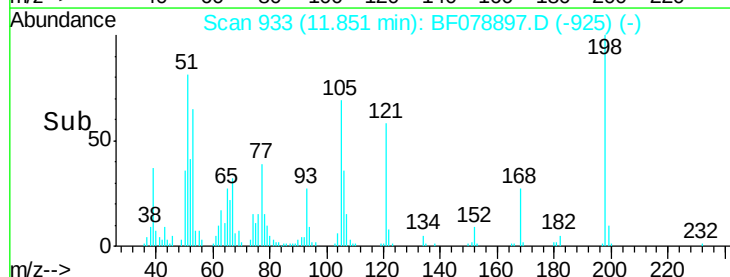
60000

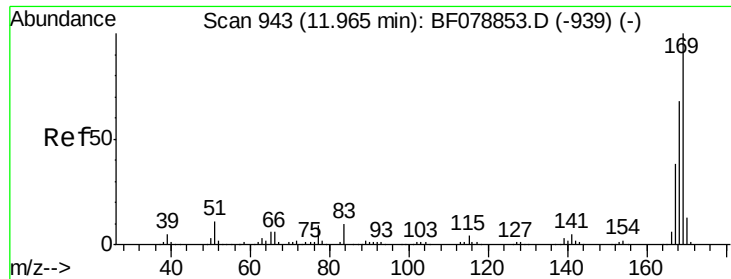
40000

20000

0

Time-->

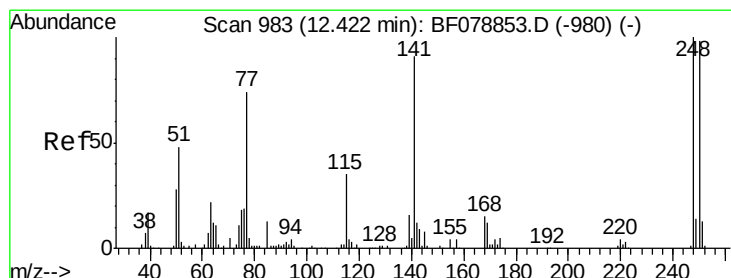
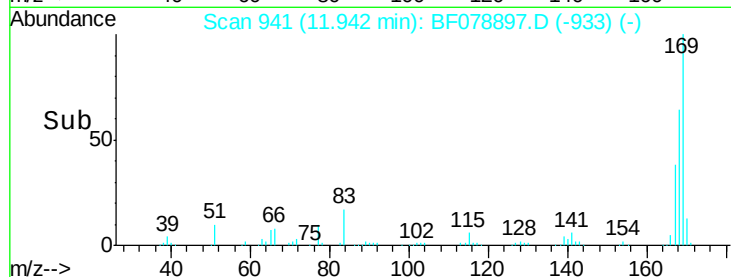
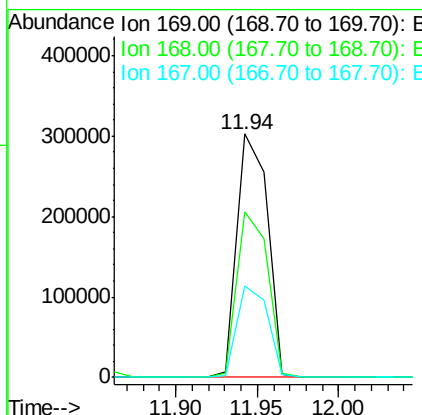
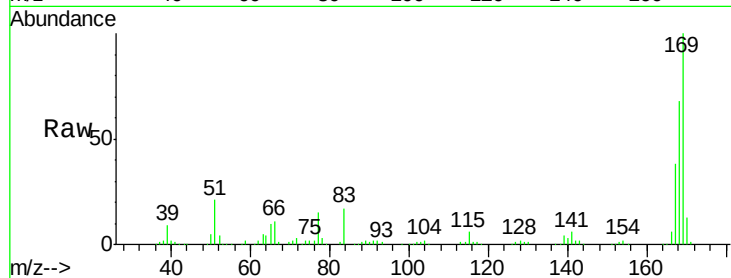




#65
 n-Nitrosodiphenylamine
 Concen: 41.07 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

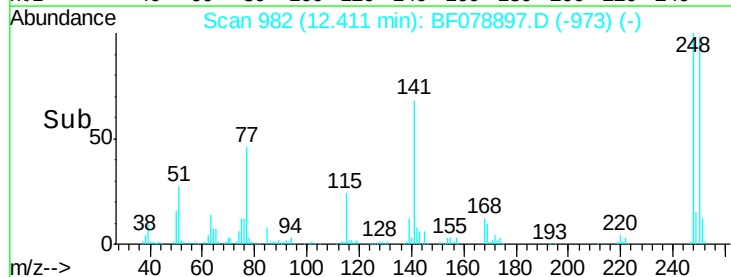
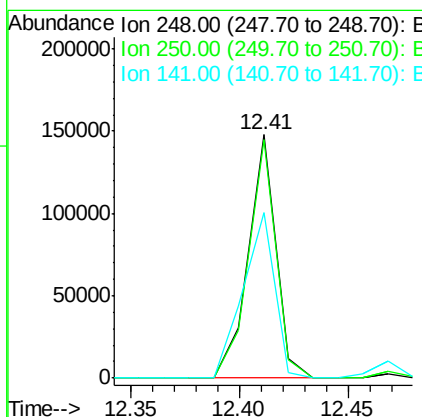
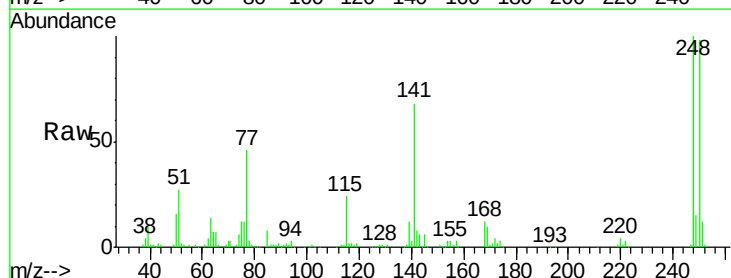
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

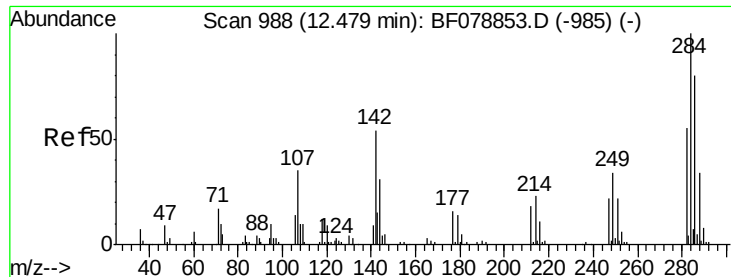
Tot Ion:169 Resp: 389677
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.6 82.0
 167 37.6 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 43.97 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:248 Resp: 130570
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.1 115.7
 141 68.1 58.8 88.2

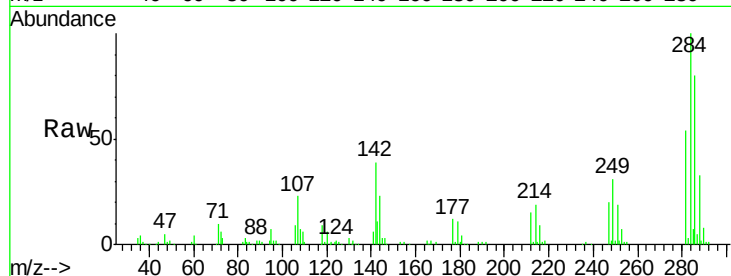




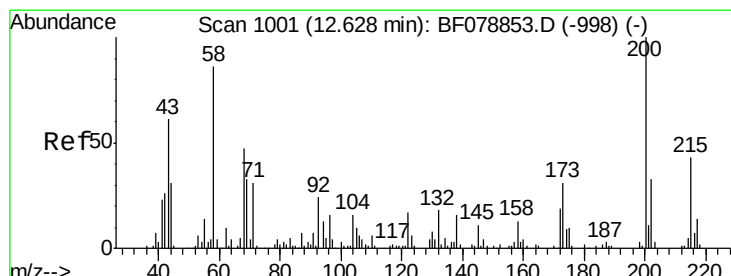
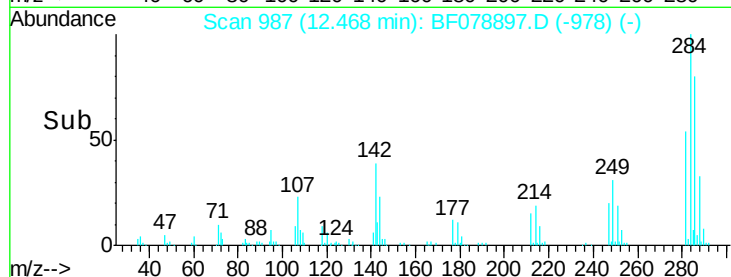
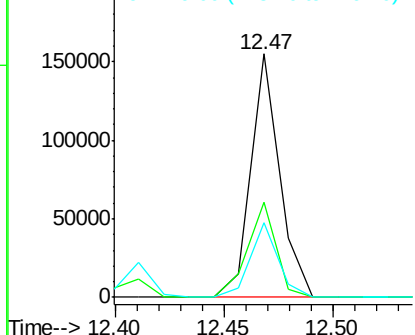
#67
Hexachlorobenzene
Concen: 41.89 ng
RT: 12.47 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion:284 Resp: 142164
Ion Ratio Lower Upper
284 100
142 39.1 35.2 52.8
249 30.9 25.4 38.2

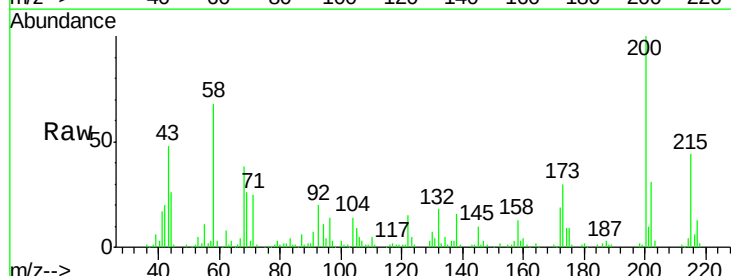


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

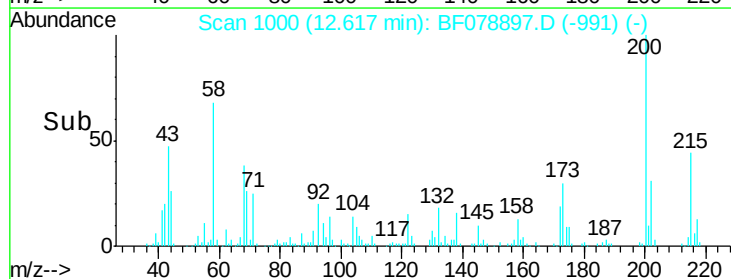
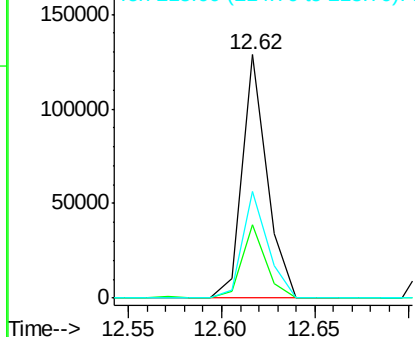


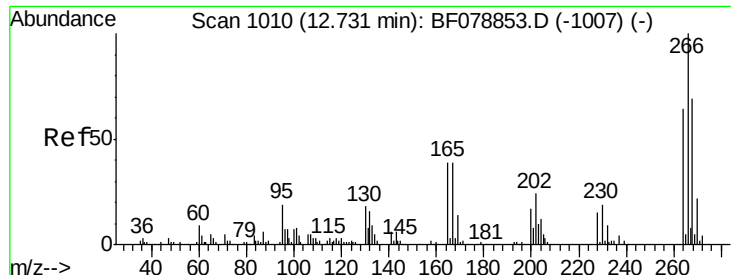
#68
Atrazine
Concen: 43.12 ng
RT: 12.62 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:200 Resp: 118969
Ion Ratio Lower Upper
200 100
173 30.2 8.1 48.1
215 43.6 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

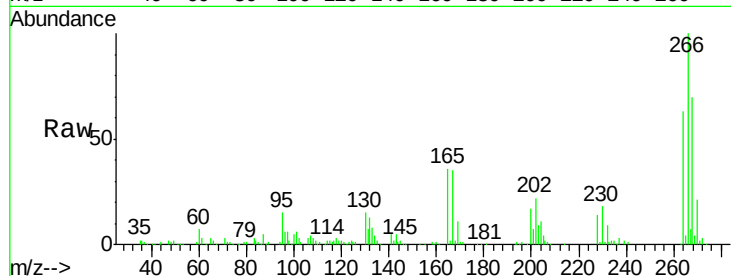




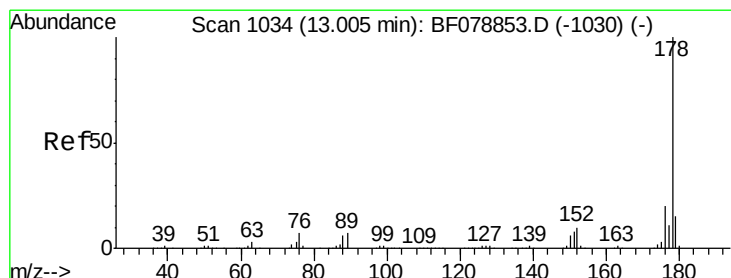
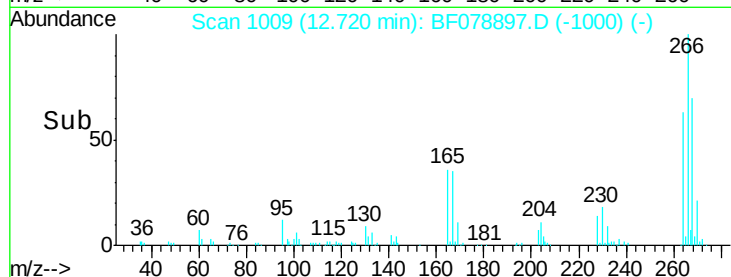
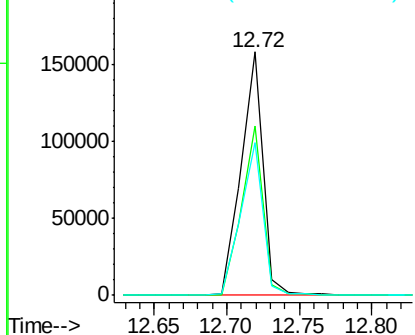
#69
 Pentachlorophenol
 Concen: 84.04 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion:266 Resp: 167634
 Ion Ratio Lower Upper
 266 100
 268 69.5 55.0 82.6
 264 62.8 48.2 72.2

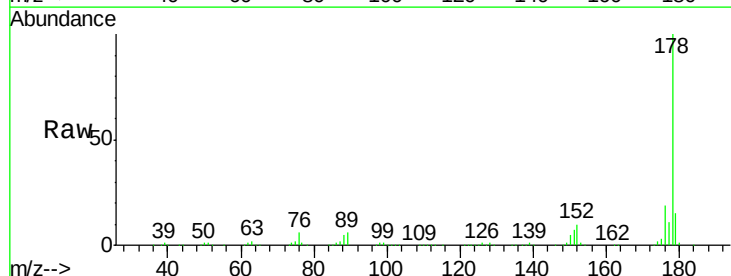


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

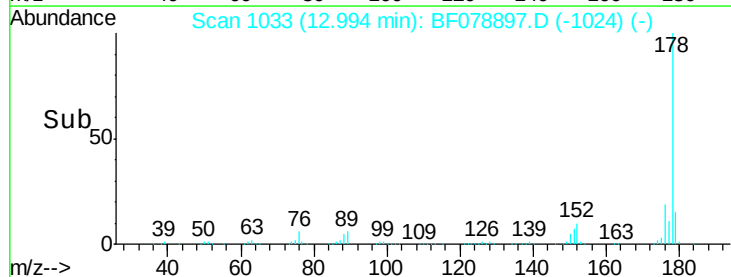
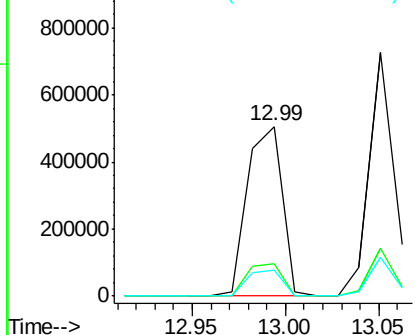


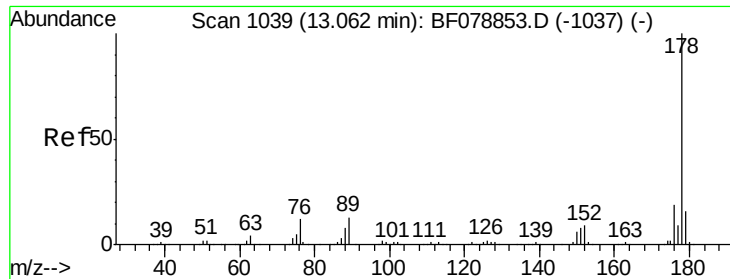
#70
 Phenanthrene
 Concen: 41.87 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:178 Resp: 667311
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.2 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

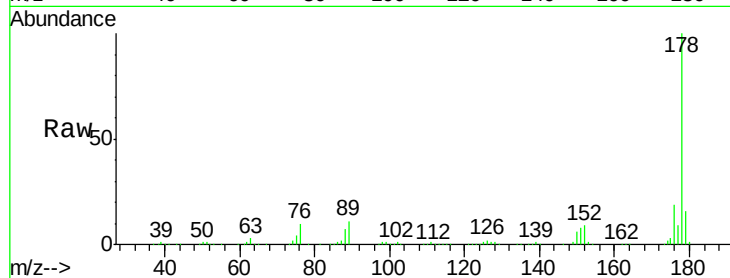




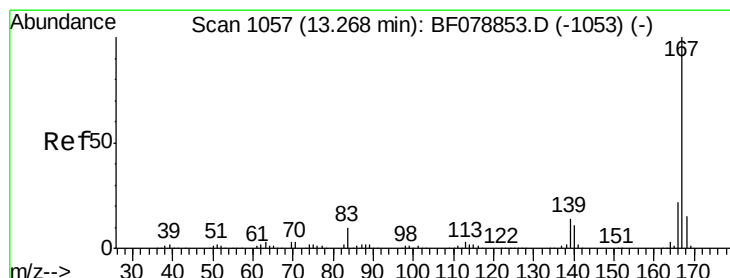
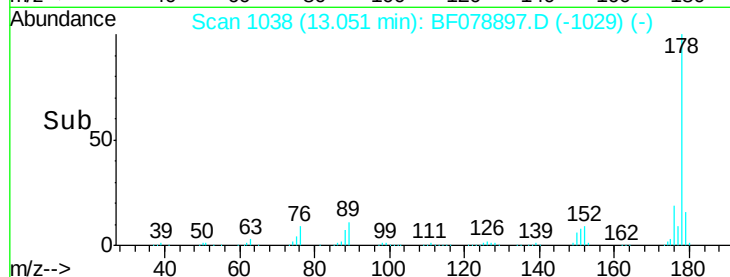
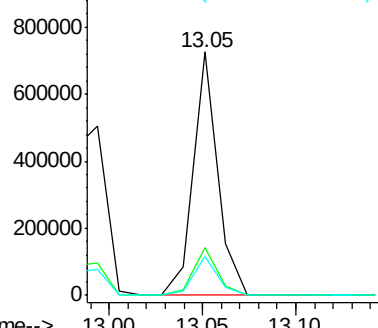
#71
 Anthracene
 Concen: 42.43 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

Tot Ion:178 Resp: 663420
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.8 12.7 19.1

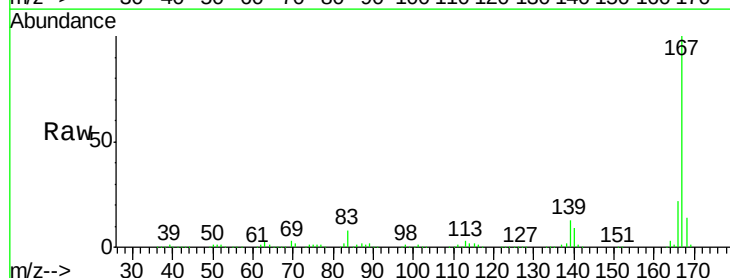


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

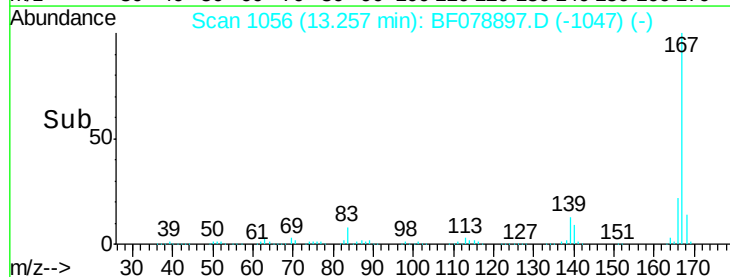
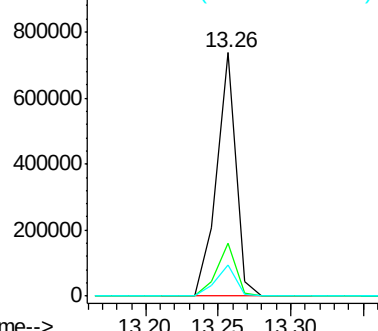


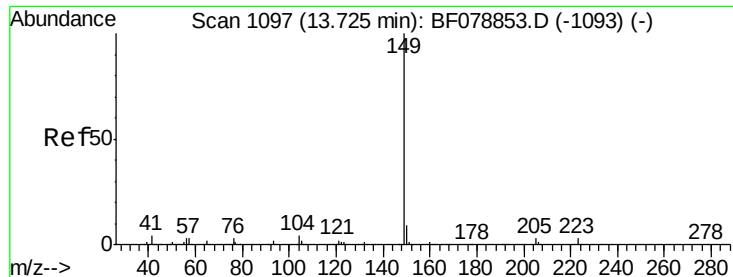
#72
 Carbazole
 Concen: 45.75 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:167 Resp: 681886
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.77 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

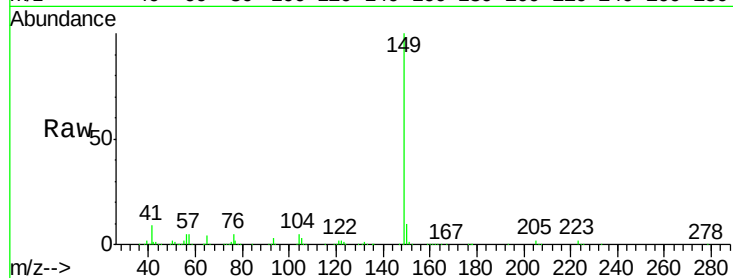
Tot Ion:149 Resp: 764475

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

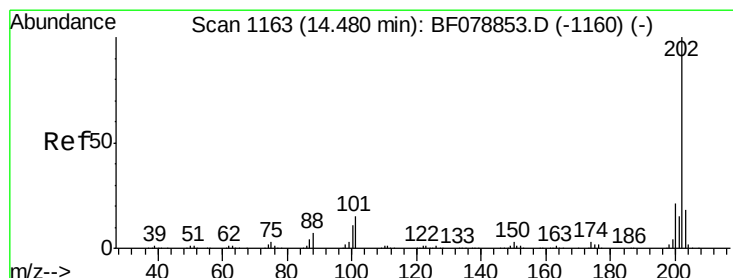
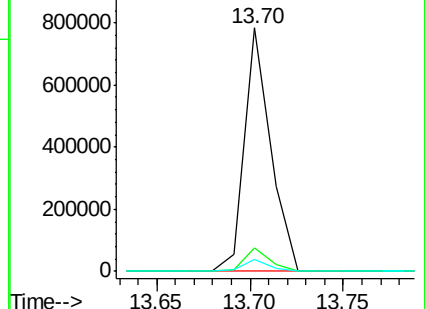
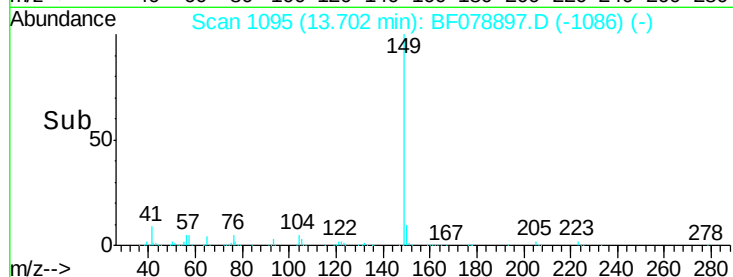
104 5.1 4.6 7.0



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: 43.58 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

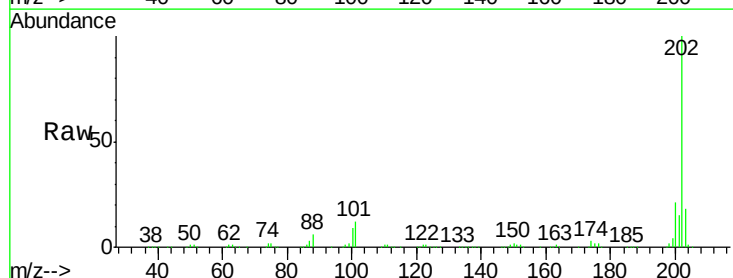
Tgt Ion:202 Resp: 723698

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.6

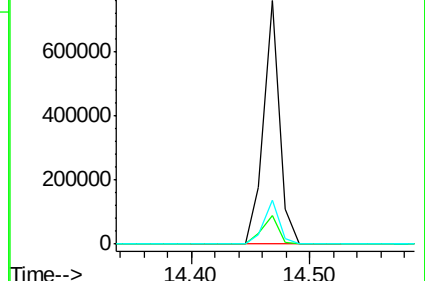
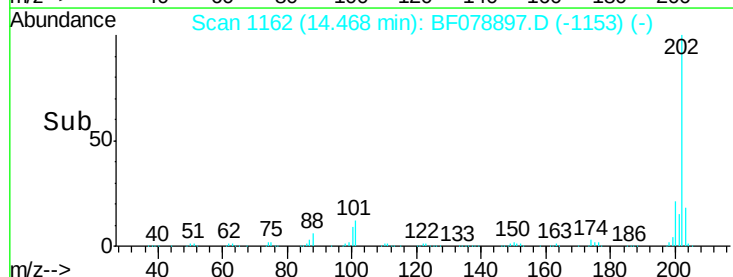
203 18.2 0.0 38.4

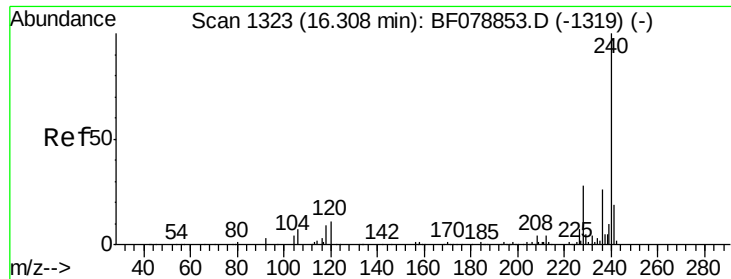


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

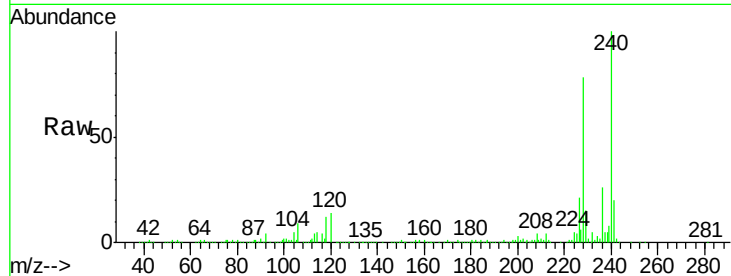
Tot Ion:240 Resp: 294883

Ion Ratio Lower Upper

240 100

120 13.8 9.7 14.5

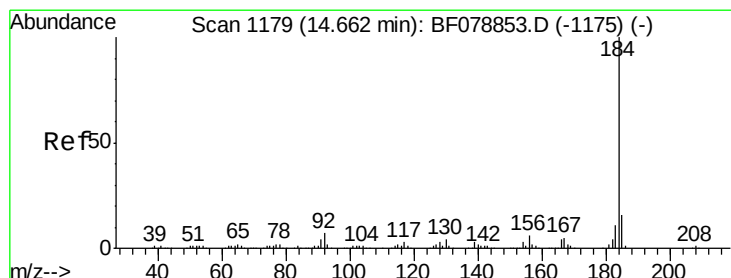
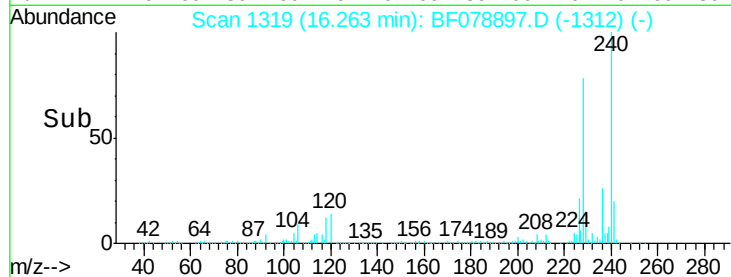
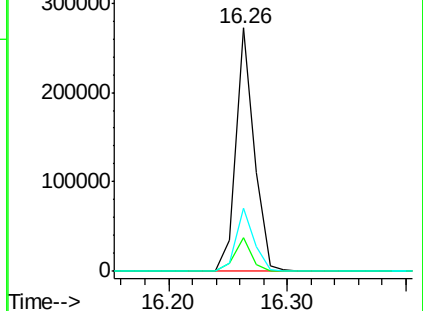
236 25.9 20.2 30.4



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: 33.53 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

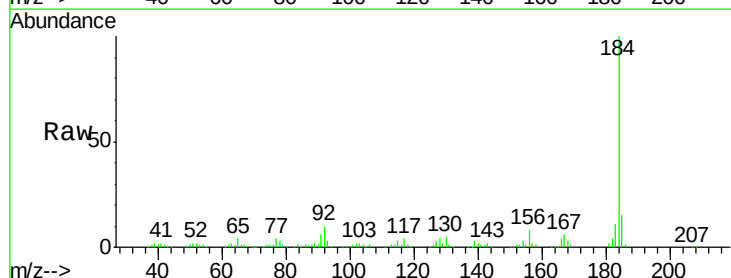
Tgt Ion:184 Resp: 266448

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

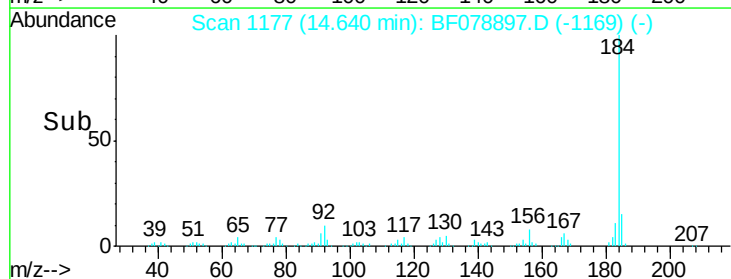
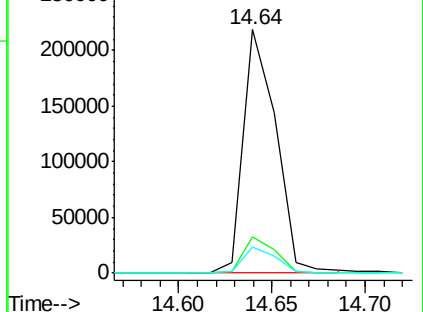
183 10.8 8.4 12.6

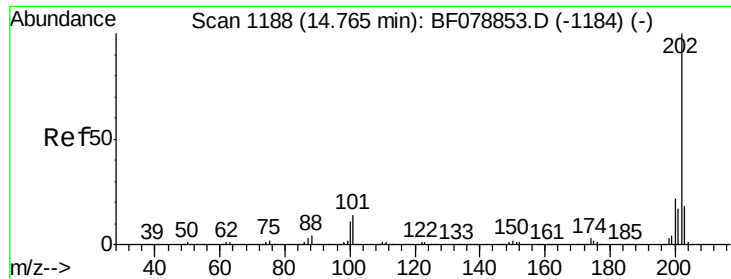


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

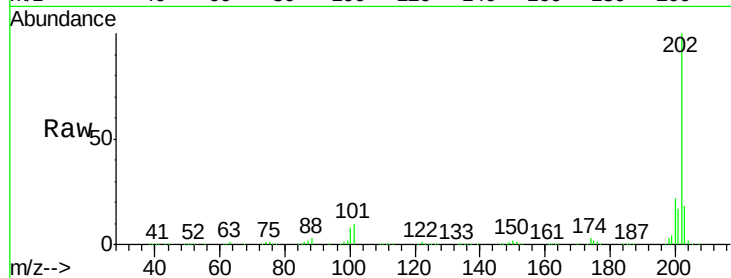




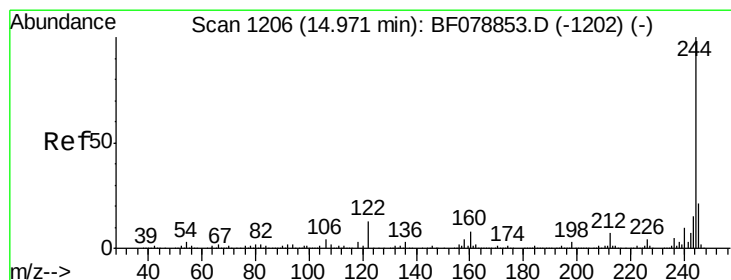
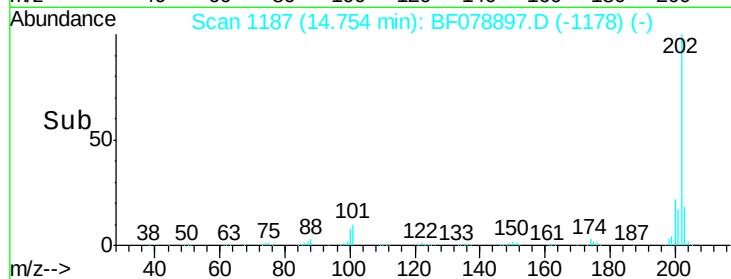
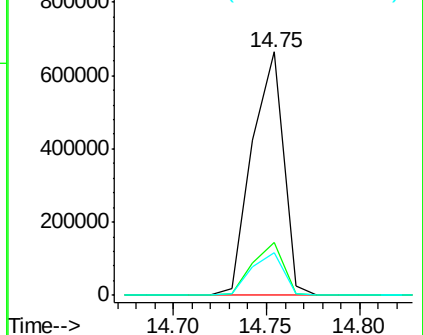
#77
Pvrene
Concen: 45.83 ng
RT: 14.75 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Instrument :
BNA_F
ClientSampleId :
PB83016BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	17.7	13.9	20.9

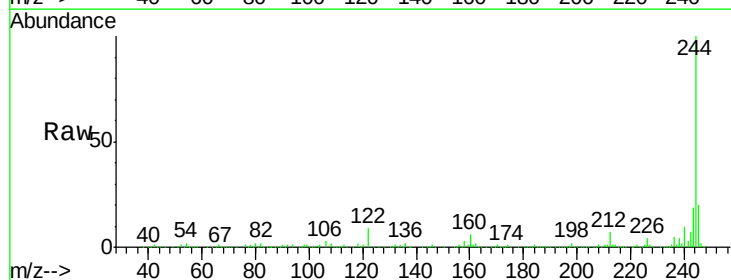


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

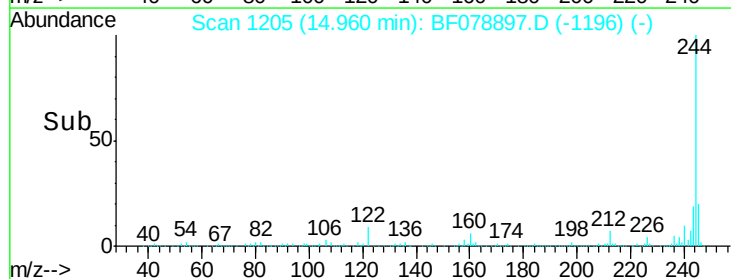
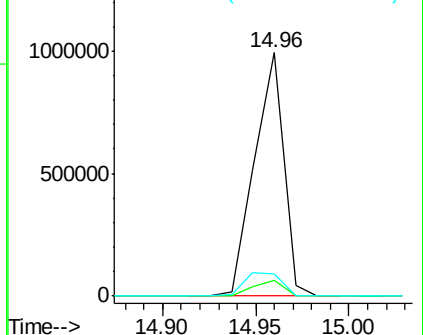


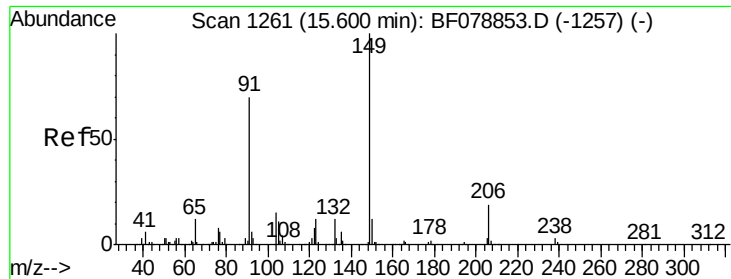
#78
Terphenyl-d14
Concen: 87.54 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.2	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

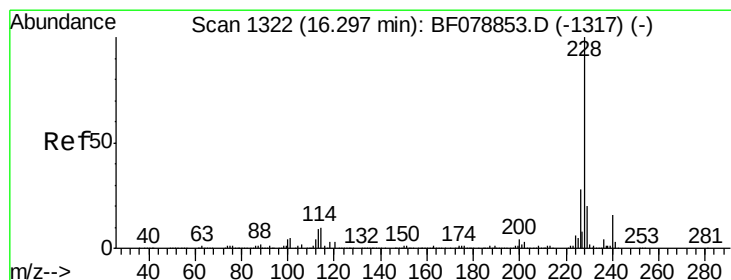
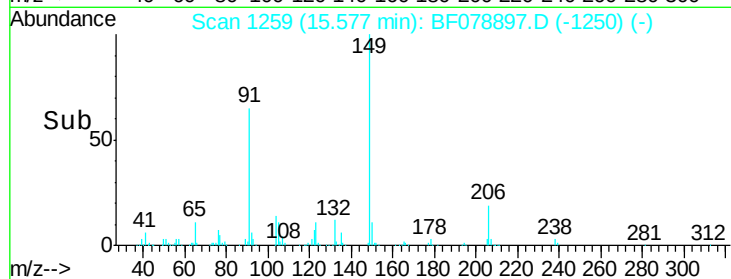
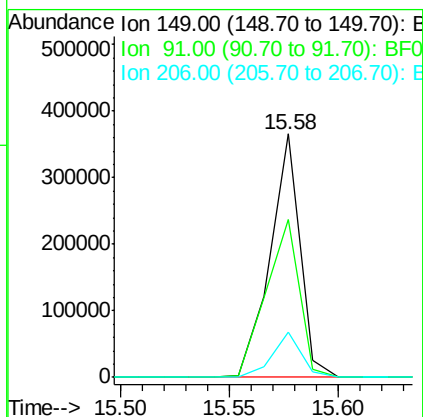
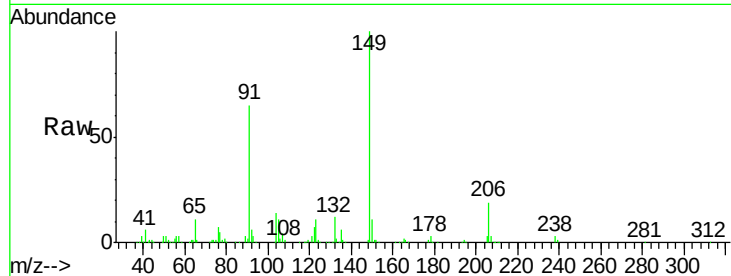




#79
Butylbenzylphthalate
Concen: 47.49 ng
RT: 15.58 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

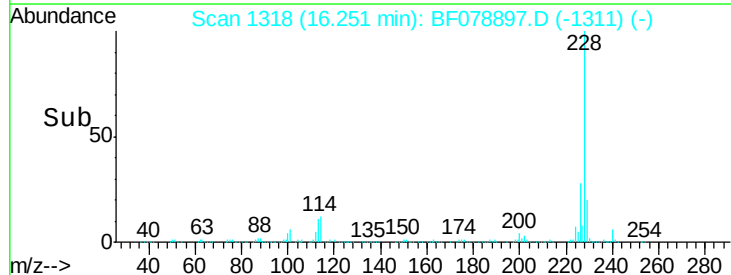
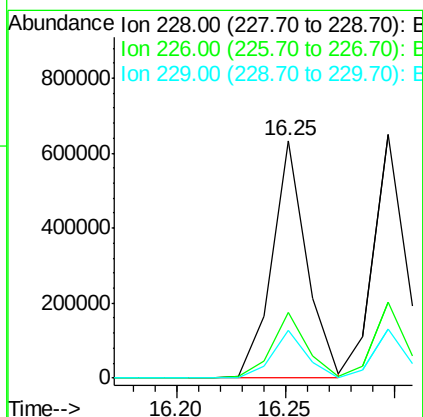
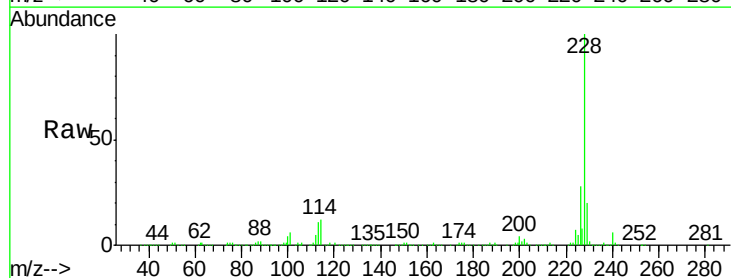
Instrument :
BNA_F
ClientSampleId :
PB83016BS

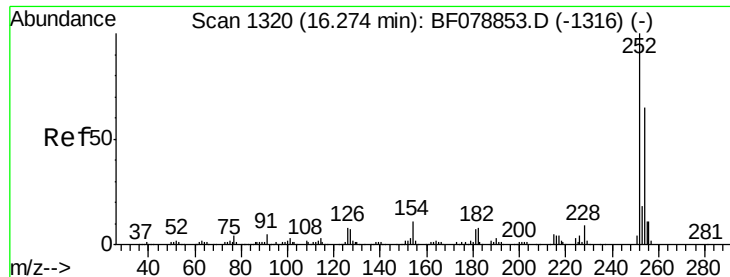
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.0	64.6	97.0
206	18.8	12.2	18.4



#80
Benzo(a)anthracene
Concen: 43.53 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	15.9	23.9

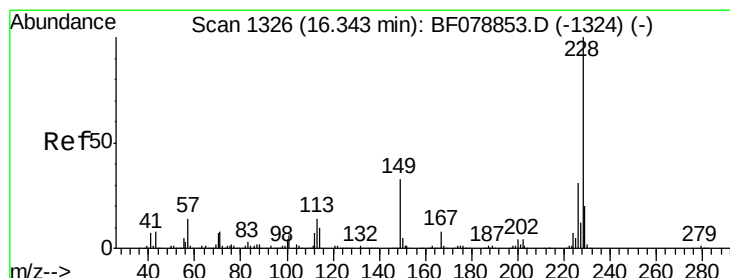
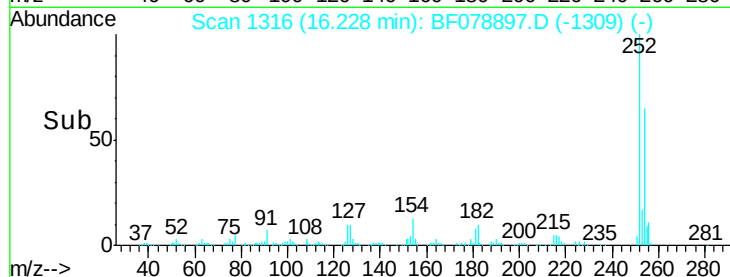
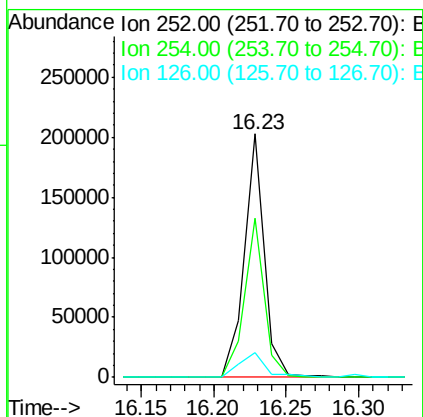
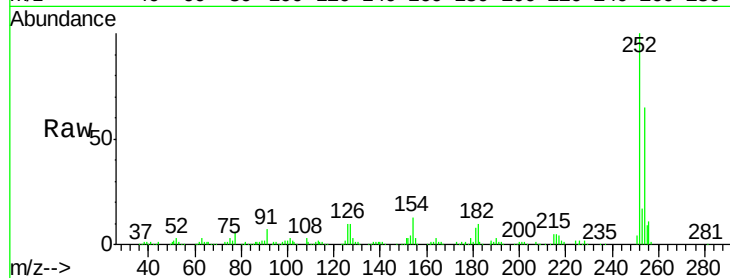




#81
 3,3'-Dichlorobenzidine
 Concen: 33.84 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

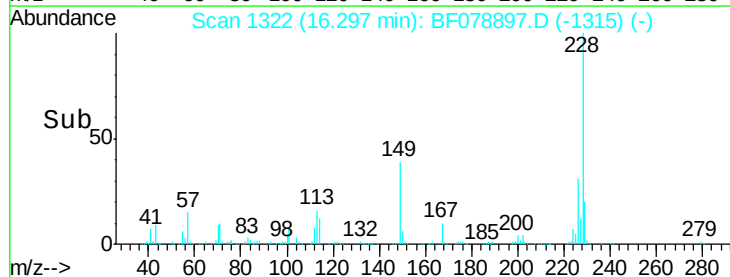
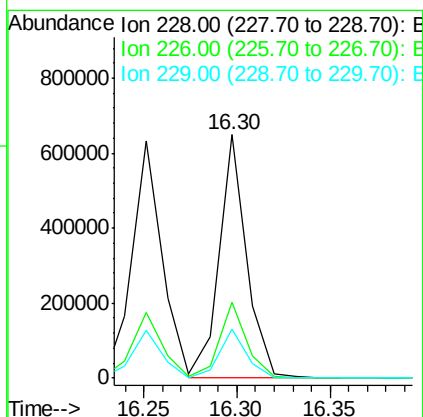
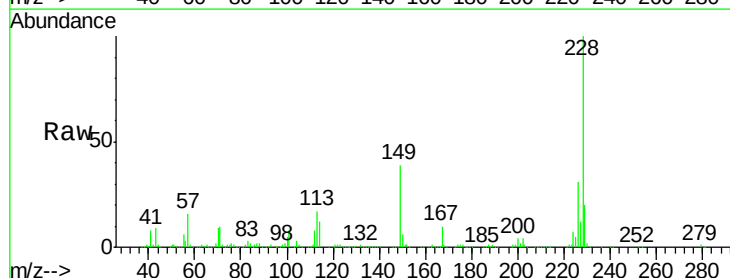
Instrument :
 BNA_F
 ClientSampled :
 PB83016BS

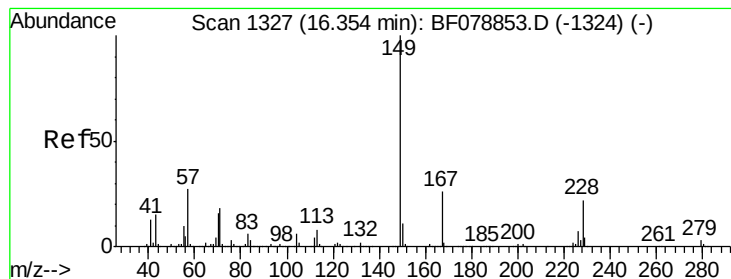
Tot Ion:252 Resp: 194636
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.3 76.9
 126 10.2 6.6 10.0#



#82
 Chrysene
 Concen: 42.58 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:228 Resp: 661356
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.0 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.13 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

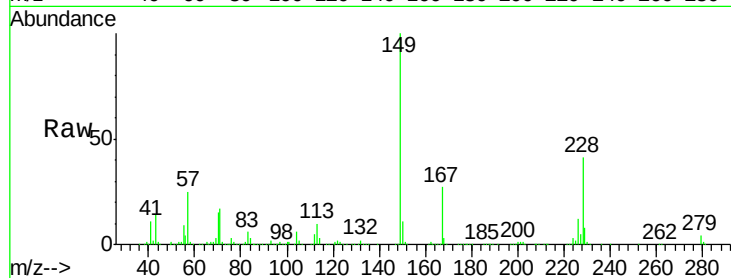
Tot Ion:149 Resp: 530271

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

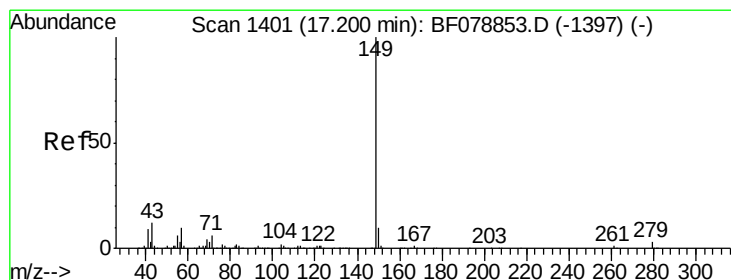
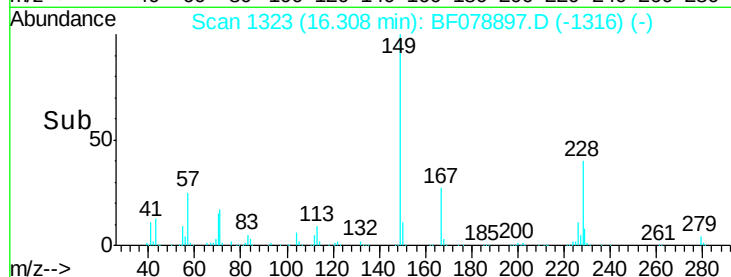
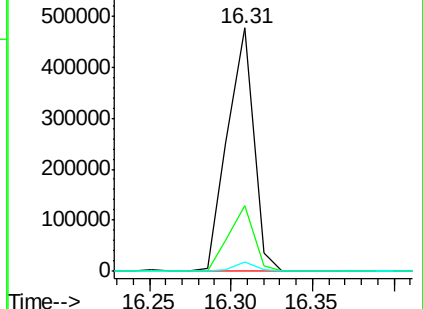
279 3.9 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.39 ng

RT: 17.12 min Scan# 1394

Delta R.T. -0.06 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

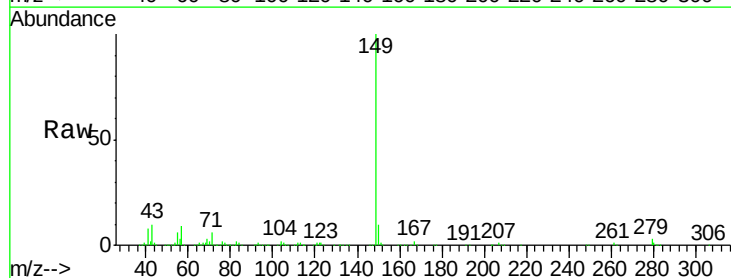
Tgt Ion:149 Resp: 879647

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

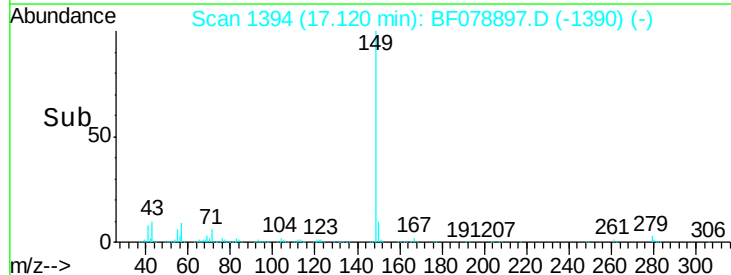
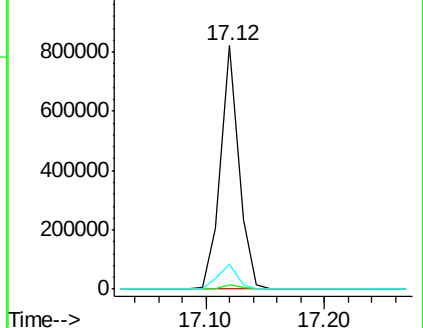
43 10.8 0.0 0.0#

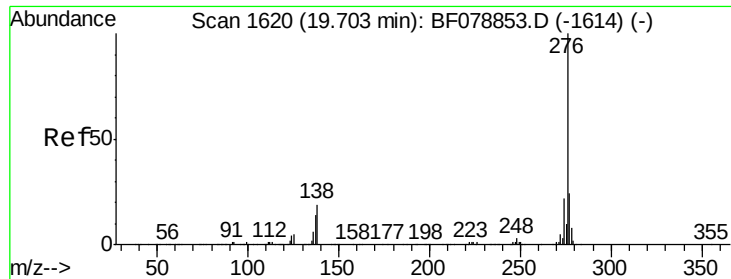


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

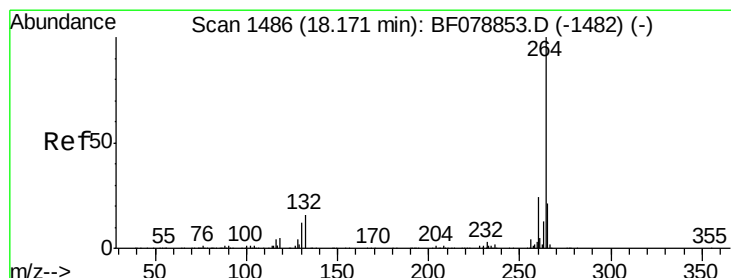
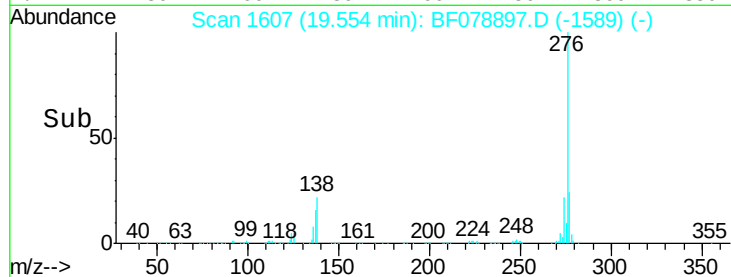
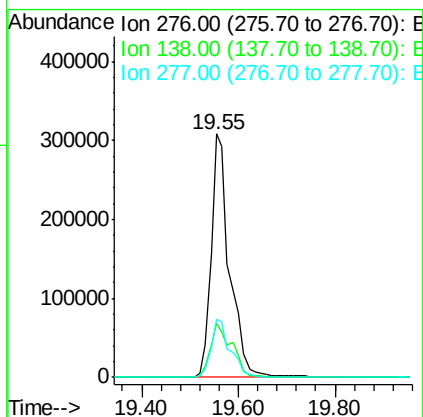
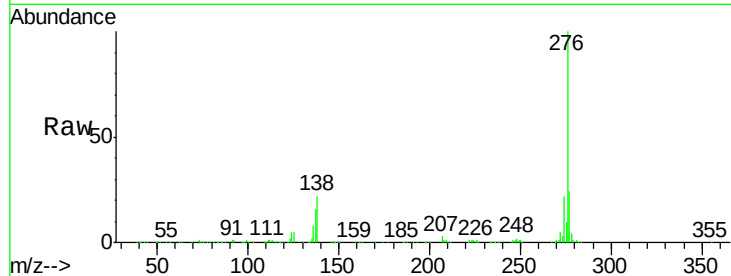




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.03 ng
 RT: 19.55 min Scan# 1607
 Delta R.T. -0.09 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

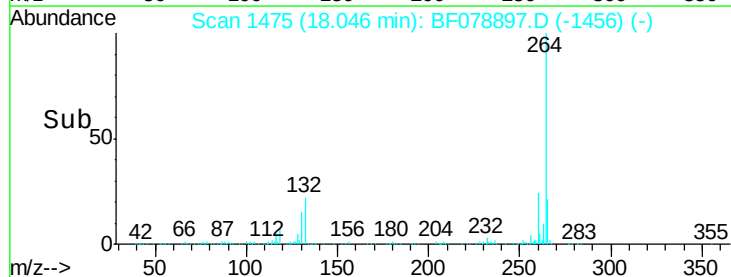
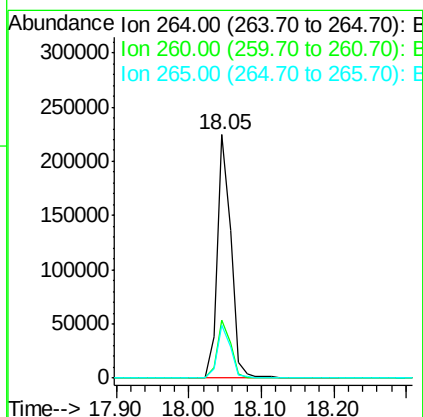
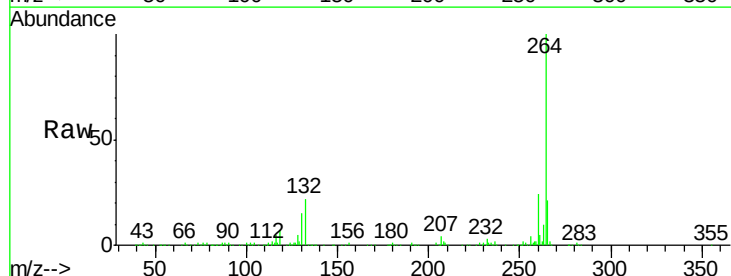
Instrument :
 BNA_F
 ClientSampleId :
 PB83016BS

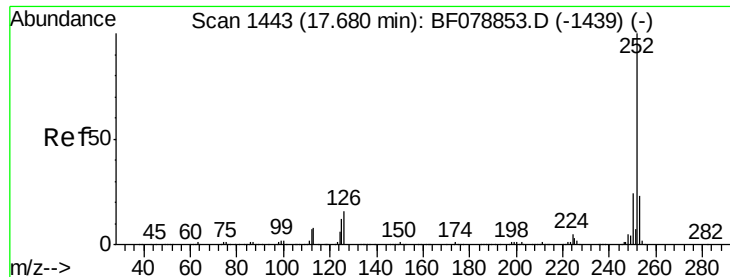
Tot Ion:276 Resp: 831706
 Ion Ratio Lower Upper
 276 100
 138 26.2 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.08 min
 Lab File: BF078897.D
 Acq: 1 May 2015 17:23

Tgt Ion:264 Resp: 292069
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.5 18.3 27.5

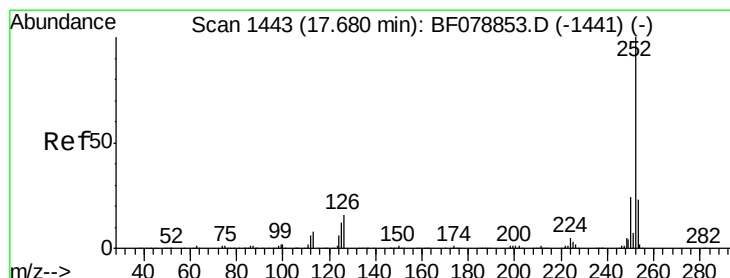
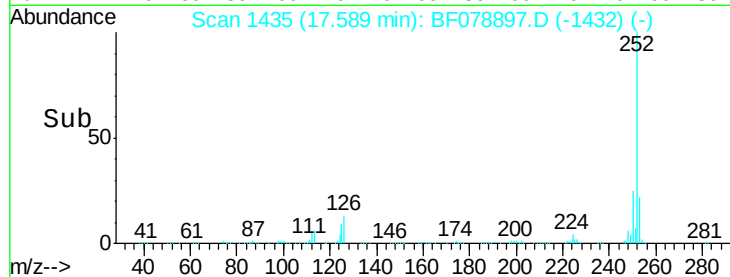
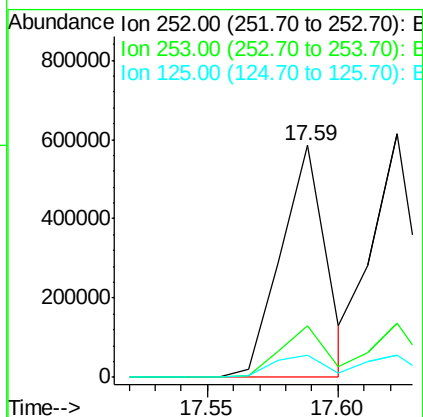
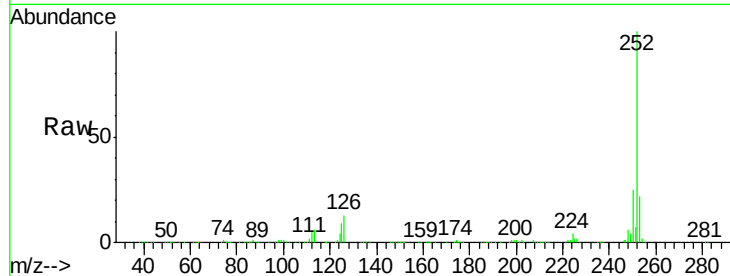




#87
Benzo(b)fluoranthene
Concen: 43.81 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.07 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

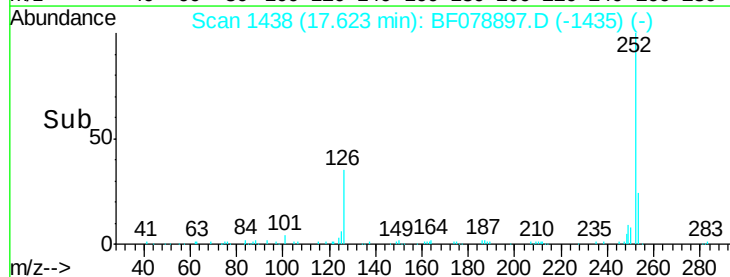
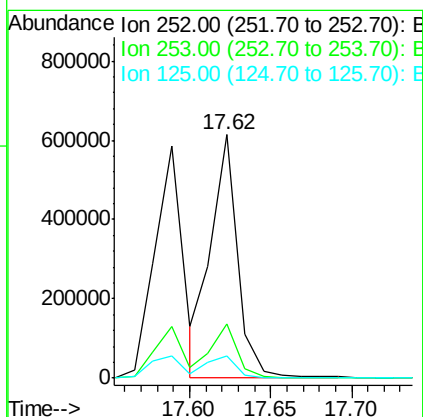
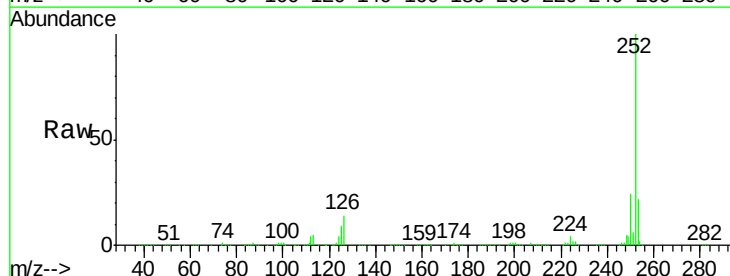
Instrument :
BNA_F
ClientSampleId :
PB83016BS

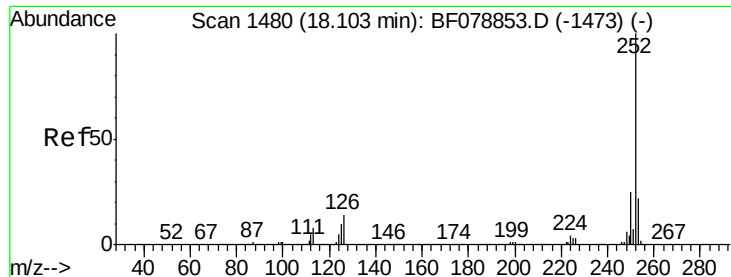
Tot Ion:252 Resp: 700290
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.3 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 46.29 ng m
RT: 17.62 min Scan# 1438
Delta R.T. -0.07 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:252 Resp: 716359
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 9.1 10.0 15.0#

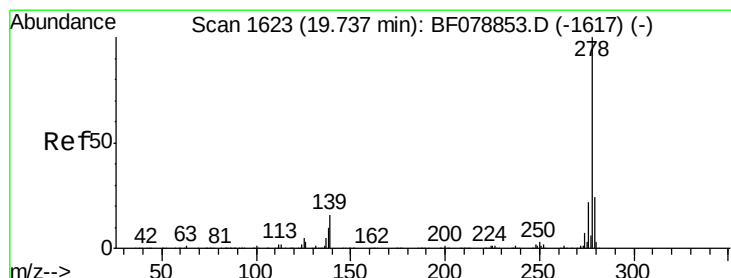
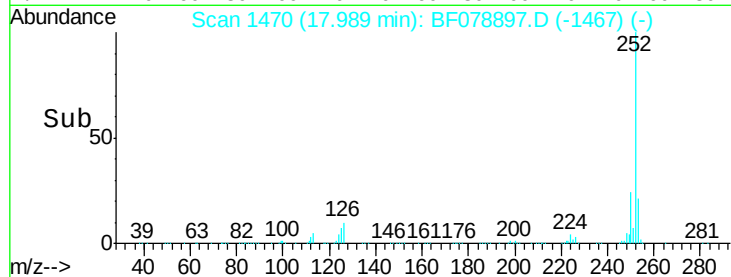
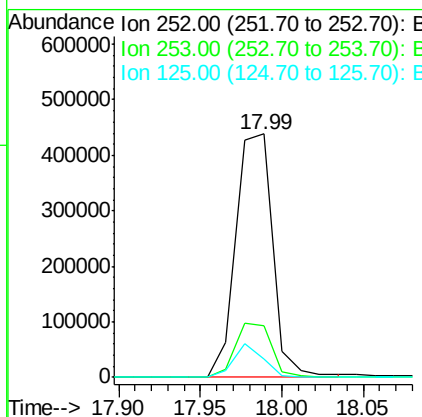
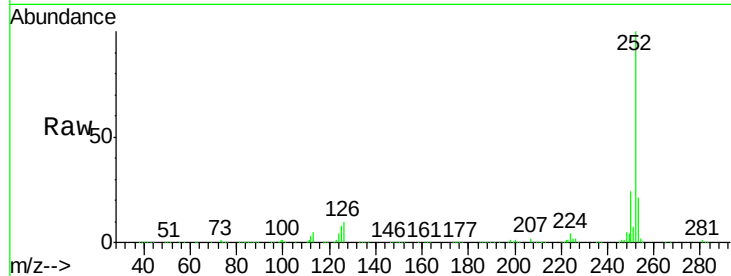




#89
Benzo(a)pyrene
Concen: 46.59 ng
RT: 17.99 min Scan# 1470
Delta R.T. -0.07 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

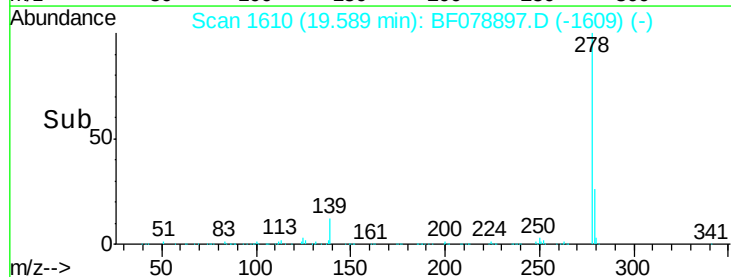
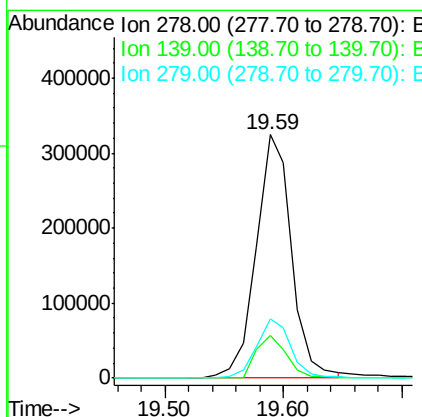
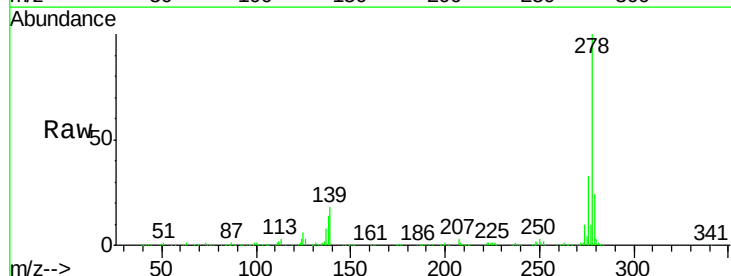
Instrument :
BNA_F
ClientSampleId :
PB83016BS

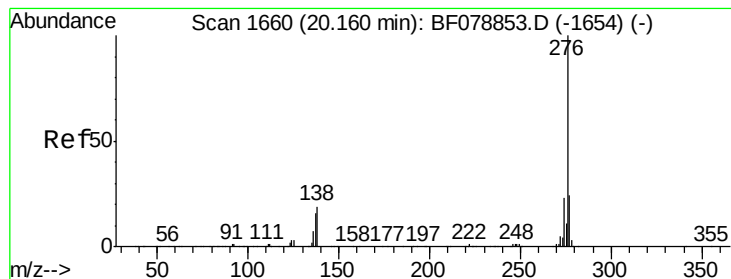
Tot Ion:252 Resp: 685825
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 7.5 7.0 10.6



#90
Dibenzo(a,h)anthracene
Concen: 43.10 ng
RT: 19.59 min Scan# 1610
Delta R.T. -0.09 min
Lab File: BF078897.D
Acq: 1 May 2015 17:23

Tgt Ion:278 Resp: 674257
Ion Ratio Lower Upper
278 100
139 17.6 12.8 19.2
279 24.5 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 42.99 ng

RT: 20.01 min Scan# 1647

Delta R.T. -0.09 min

Lab File: BF078897.D

Acq: 1 May 2015 17:23

Instrument :

BNA_F

ClientSampleId :

PB83016BS

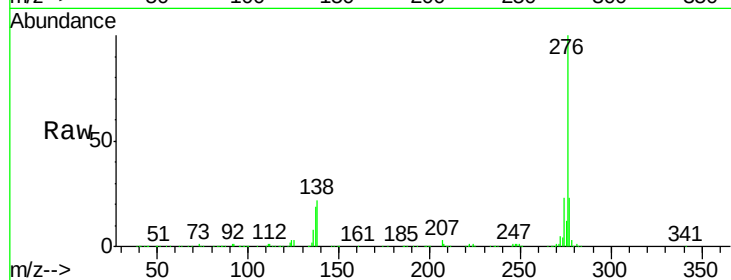
Tot Ion: 276 Resp: 674023

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 22.3 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

