

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078621.D
 Acq On : 18 Apr 2015 00:32
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 18 01:54:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:02:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	29905	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	126957	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	65654	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	137451	20.00	ng	0.00
75) Chrysene-d12	15.46	240	151460	20.00	ng	0.00
86) Perylene-d12	17.12	264	156329	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.89	112	145414	80.17	ng	-0.01
7) Phenol-d6	6.28	99	191676	84.32	ng	0.00
23) Nitrobenzene-d5	7.38	82	176087	84.07	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	54265	99.66	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	359047	78.17	ng	0.00
78) Terphenyl-d14	14.21	244	531172	79.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.44	88	31207	38.05	ng	# 95
3) Pyridine	1.96	79	84854	39.50	ng	97
4) n-Nitrosodimethylamine	1.92	42	33851	40.93	ng	94
6) Aniline	6.26	93	137829	42.76	ng	# 86
8) 2-Chlorophenol	6.40	128	86018	40.11	ng	94
9) Benzaldehyde	6.10	77	42415	28.15	ng	88
10) Phenol	6.30	94	111795	41.05	ng	98
11) bis(2-Chloroethyl)ether	6.38	93	77898	39.77	ng	94
12) 1,3-Dichlorobenzene	6.59	146	94950	40.30	ng	# 93
13) 1,4-Dichlorobenzene	6.70	146	96396	40.65	ng	97
14) 1,2-Dichlorobenzene	6.88	146	89739	40.36	ng	93
15) Benzyl Alcohol	6.88	79	71456	44.73	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	106612	40.81	ng	85
17) 2-Methylphenol	7.05	107	71459	42.91	ng	97
18) Hexachloroethane	7.29	117	33879	42.37	ng	# 87
19) n-Nitroso-di-n-propylamine	7.22	70	67719	45.15	ng	92
20) 3+4-Methylphenols	7.24	107	96281	43.34	ng	99
22) Acetophenone	7.20	105	121554	41.09	ng	# 90
24) Nitrobenzene	7.40	77	94449	43.13	ng	89
25) Isophorone	7.71	82	175002	44.02	ng	98
26) 2-Nitrophenol	7.79	139	43299	41.50	ng	# 74
27) 2,4-Dimethylphenol	7.90	122	81105	41.80	ng	99
28) bis(2-Chloroethoxy)methane	8.01	93	105021	41.20	ng	99
29) 2,4-Dichlorophenol	8.10	162	73791	41.80	ng	89
30) 1,2,4-Trichlorobenzene	8.19	180	82096	40.56	ng	98
31) Naphthalene	8.27	128	263054	39.81	ng	99
32) Benzoic acid	8.04	122	42228	46.49	ng	98
33) 4-Chloroaniline	8.38	127	119225	43.48	ng	97
34) Hexachlorobutadiene	8.44	225	45962	41.36	ng	96
35) Caprolactam	8.81	113	24512	46.52	ng	98
36) 4-Chloro-3-methylphenol	9.00	107	81812	45.93	ng	91
37) 2-Methylnaphthalene	9.13	142	180861	40.31	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.35	216	80628	39.63	ng	97
40) Hexachlorocyclopentadiene	9.32	237	26381	34.37	ng	97

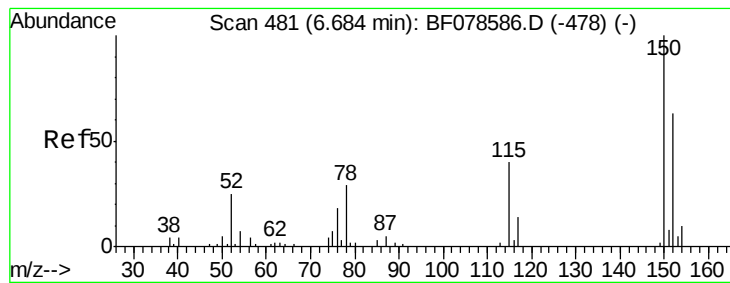
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078621.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.51	196	56166	43.78	ng	95
43) 2,4,5-Trichlorophenol	9.55	196	57838	43.15	ng	# 85
45) 1,1'-Biphenyl	9.71	154	215289	40.09	ng	97
46) 2-Chloronaphthalene	9.72	162	172914	40.92	ng	94
47) 2-Nitroaniline	9.87	65	49300	47.16	ng	96
48) Acenaphthylene	10.23	152	285330	41.82	ng	99
49) Dimethylphthalate	10.12	163	221231	44.85	ng	98
50) 2,6-Dinitrotoluene	10.19	165	48127	47.42	ng	# 80
51) Acenaphthene	10.44	154	166114	43.24	ng	98
52) 3-Nitroaniline	10.39	138	57661	49.97	ng	96
54) Dibenzofuran	10.66	168	257149	43.83	ng	96
55) 4-Nitrophenol	10.66	139	126119	146.07	ng	# 23
56) 2,4-Dinitrotoluene	10.68	165	68068	51.79	ng	99
57) Fluorene	11.07	166	207462	43.62	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.82	232	43593	43.87	ng	97
59) Diethylphthalate	10.99	149	223053	46.90	ng	99
60) 4-Chlorophenyl-phenylether	11.10	204	96364	44.04	ng	# 79
61) 4-Nitroaniline	11.13	138	50953	43.68	ng	91
62) Azobenzene	11.29	77	215469	49.64	ng	93
64) 4,6-Dinitro-2-methylphenol	11.18	198	29673	44.29	ng	82
65) n-Nitrosodiphenylamine	11.26	169	191173	40.21	ng	98
66) 4-Bromophenyl-phenylether	11.69	248	59399	40.81	ng	93
67) Hexachlorobenzene	11.75	284	61541	38.58	ng	# 91
68) Atrazine	11.93	200	55697	40.45	ng	95
69) Pentachlorophenol	12.00	266	25721	40.59	ng	97
70) Phenanthrene	12.25	178	325229	40.91	ng	99
71) Anthracene	12.31	178	318375	40.64	ng	100
72) Carbazole	12.53	167	310519	42.29	ng	98
73) Di-n-butylphthalate	13.01	149	409097	49.18	ng	99
74) Fluoranthene	13.70	202	348085	41.51	ng	97
76) Benzidine	13.91	184	191114	32.77	ng	99
77) Pyrene	13.98	202	380085	39.98	ng	98
79) Butylbenzylphthalate	14.83	149	186571	51.48	ng	91
80) Benzo(a)anthracene	15.45	228	366255	40.64	ng	98
81) 3,3'-Dichlorobenzidine	15.45	252	133059	44.09	ng	# 98
82) Chrysene	15.50	228	355987	42.04	ng	99
83) Bis(2-ethylhexyl)phthalate	15.55	149	283438	49.87	ng	# 95
84) Di-n-octyl phthalate	16.33	149	499845	53.56	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.29	276	444122	46.23	ng	# 88
87) Benzo(b)fluoranthene	16.71	252	392332	40.61	ng	100
88) Benzo(k)fluoranthene	16.71	252	392332	45.69	ng	# 94
89) Benzo(a)pyrene	17.06	252	343822	40.78	ng	# 96
90) Dibenzo(a,h)anthracene	18.31	278	357900	42.40	ng	97
91) Benzo(g,h,i)perylene	18.61	276	352474	41.64	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

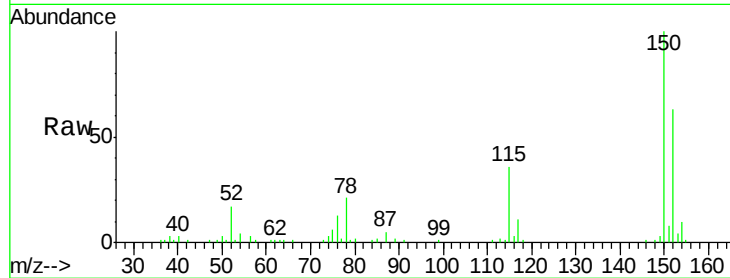
Tgt Ion:152 Resp: 29905

Ion Ratio Lower Upper

152 100

150 158.7 125.9 188.9

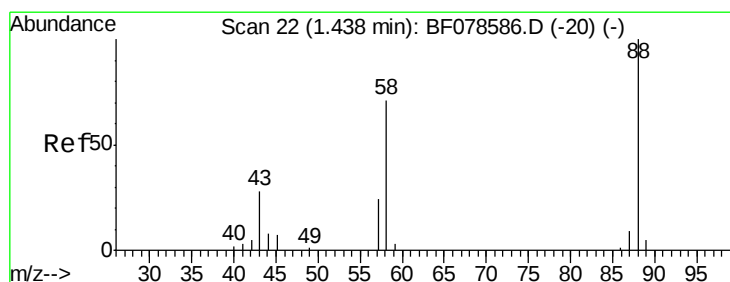
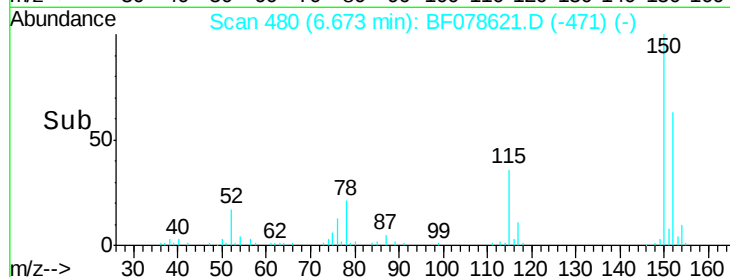
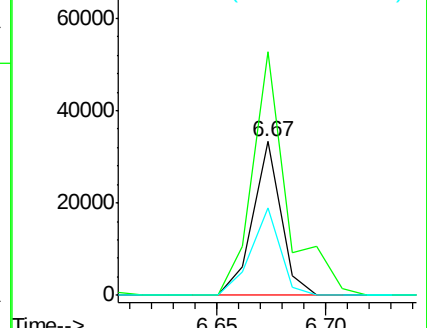
115 56.7 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.05 ng

RT: 1.44 min Scan# 22

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

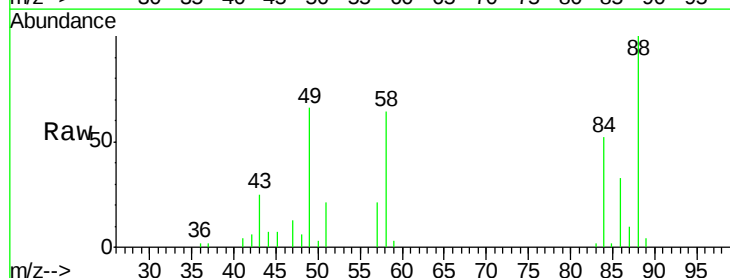
Tgt Ion: 88 Resp: 31207

Ion Ratio Lower Upper

88 100

58 73.1 56.9 85.3

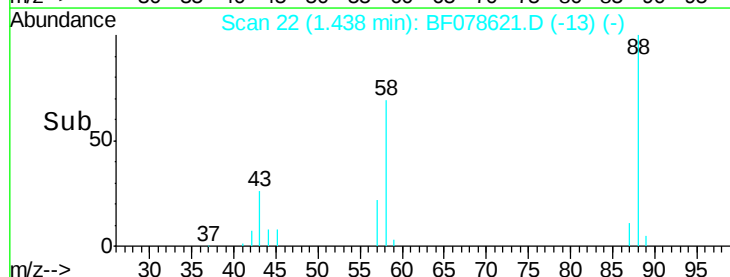
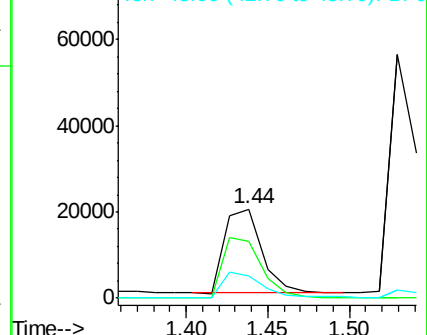
43 33.2 21.4 32.2#

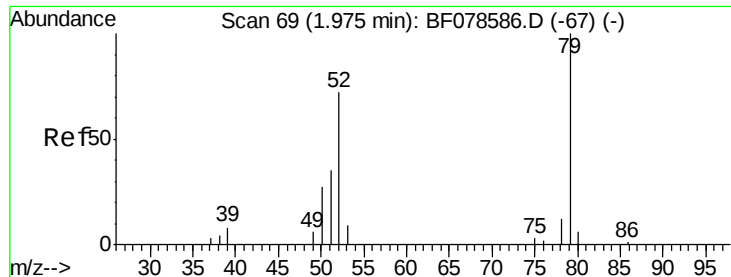


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

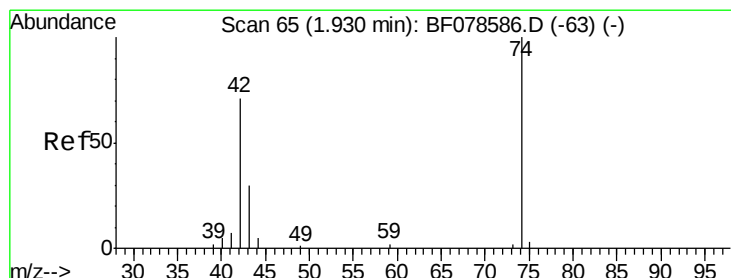
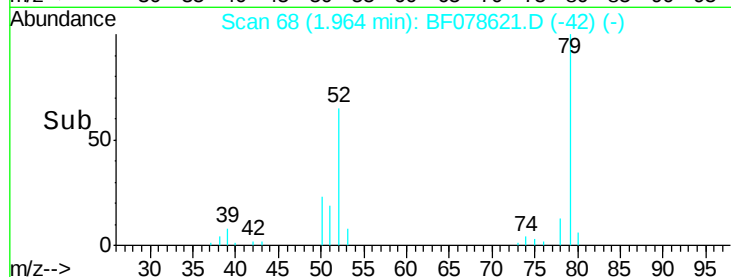
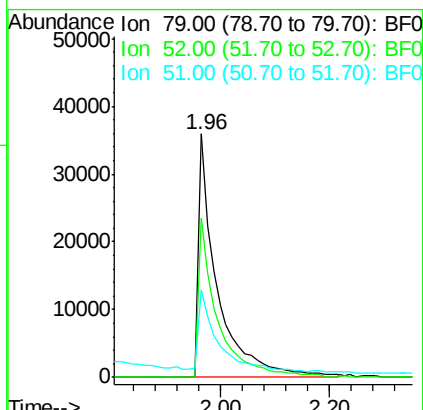
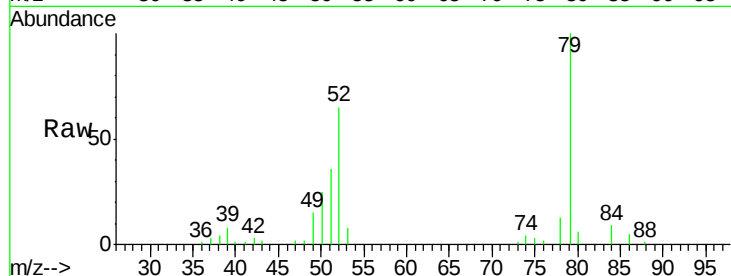




#3
 Pyridine
 Concen: 39.50 ng
 RT: 1.96 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

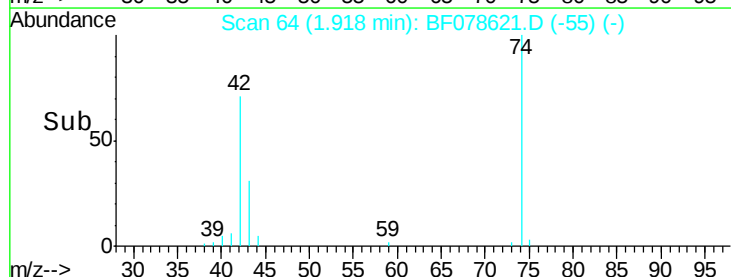
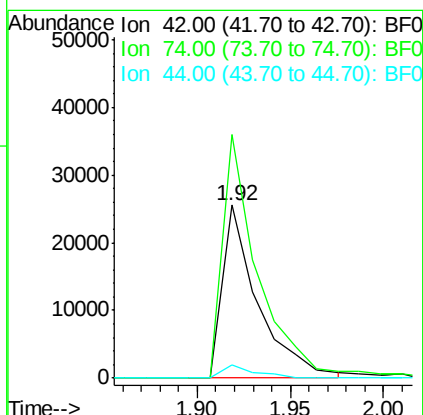
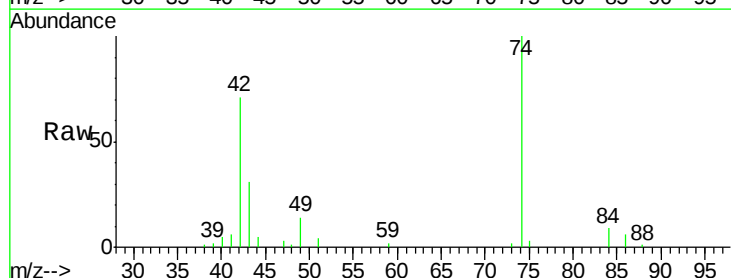
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

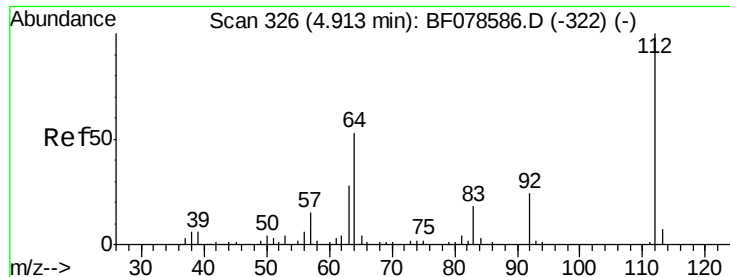
Tgt Ion: 79 Resp: 84854
 Ion Ratio Lower Upper
 79 100
 52 65.4 52.4 78.6
 51 35.9 24.9 37.3



#4
 n-Nitrosodimethylamine
 Concen: 40.93 ng
 RT: 1.92 min Scan# 64
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion: 42 Resp: 33851
 Ion Ratio Lower Upper
 42 100
 74 140.7 118.7 178.1
 44 7.3 5.9 8.9





#5

2-Fluorophenol

Concen: 80.17 ng

RT: 4.89 min Scan# 324

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

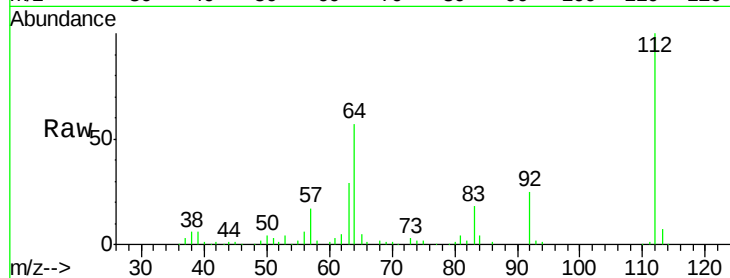
Tgt Ion: 112 Resp: 145414

Ion Ratio Lower Upper

112 100

64 57.4 39.9 59.9

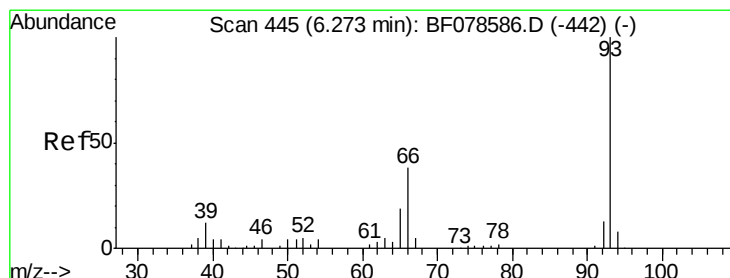
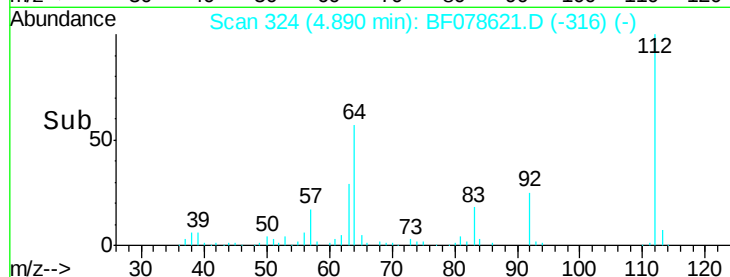
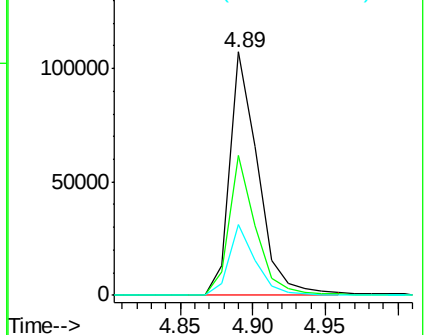
63 29.3 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.76 ng

RT: 6.26 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

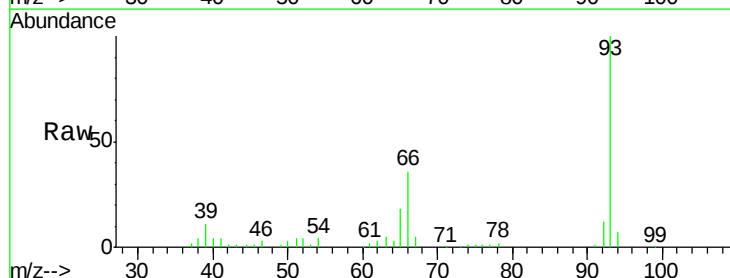
Tgt Ion: 93 Resp: 137829

Ion Ratio Lower Upper

93 100

66 36.0 38.0 57.0#

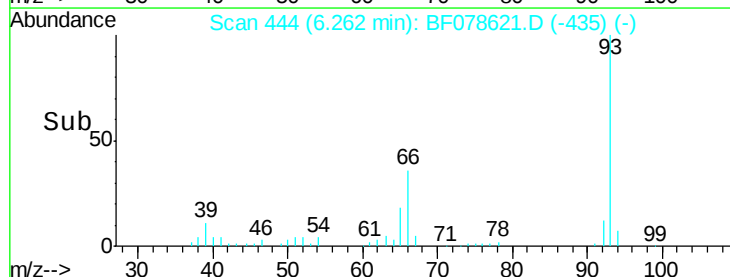
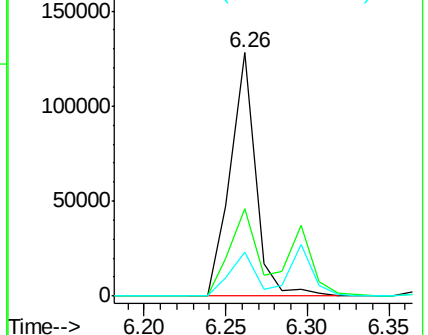
65 18.0 16.3 24.5

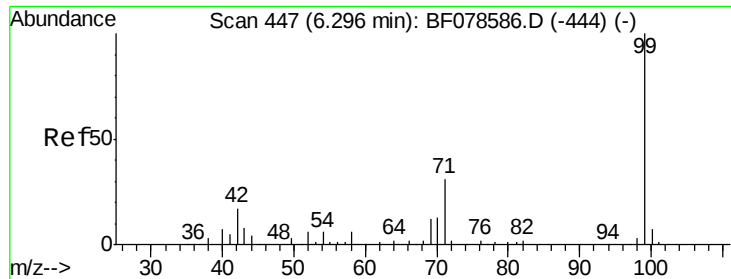


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.32 ng

RT: 6.28 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

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ClientSampleId :

SSTDCCC040EC

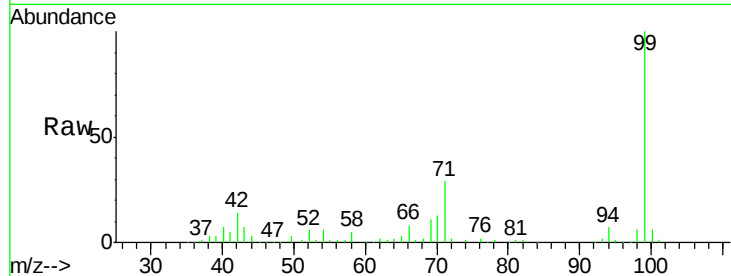
Tgt Ion: 99 Resp: 191676

Ion Ratio Lower Upper

99 100

42 14.2 14.8 22.2#

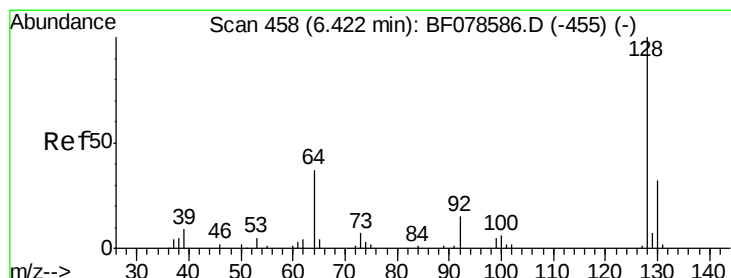
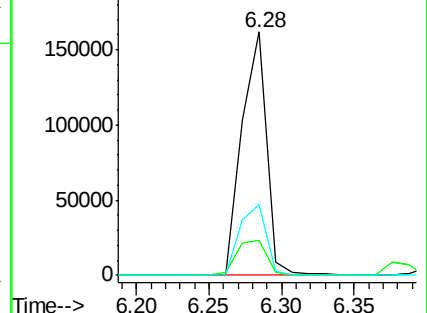
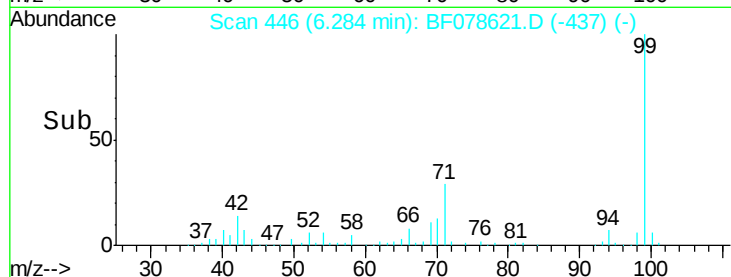
71 29.0 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.11 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

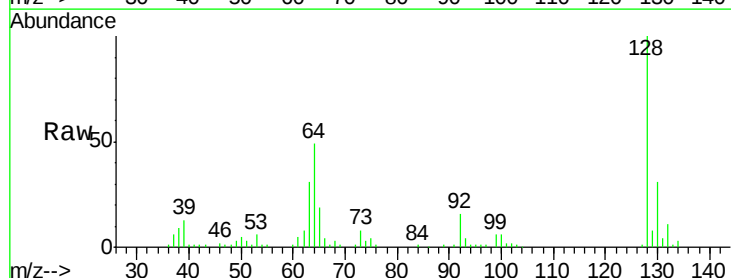
Tgt Ion: 128 Resp: 86018

Ion Ratio Lower Upper

128 100

130 30.6 12.3 52.3

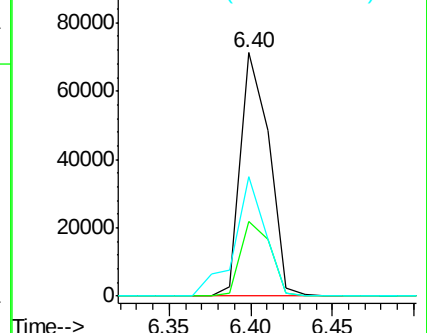
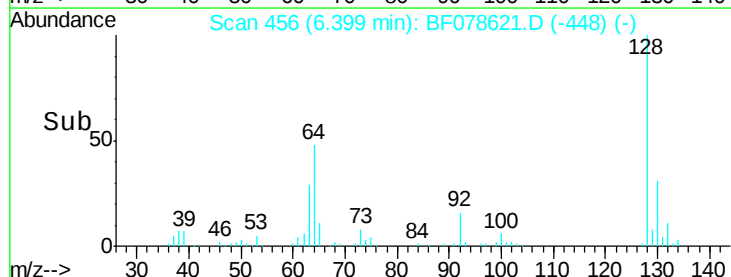
64 49.2 23.8 63.8

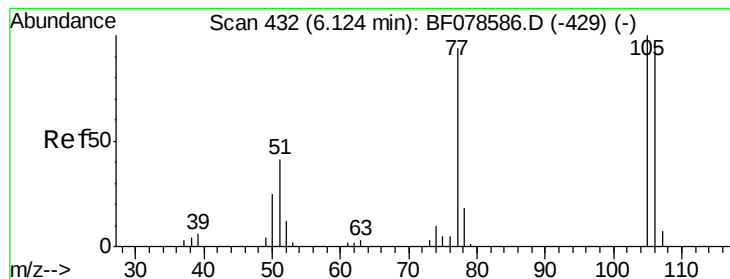


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.15 ng

RT: 6.10 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

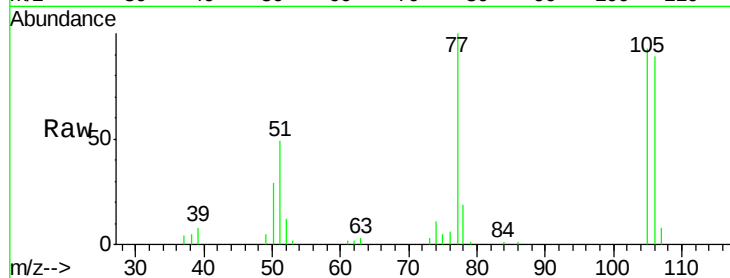
Tgt Ion: 77 Resp: 42415

Ion Ratio Lower Upper

77 100

105 92.7 85.4 125.4

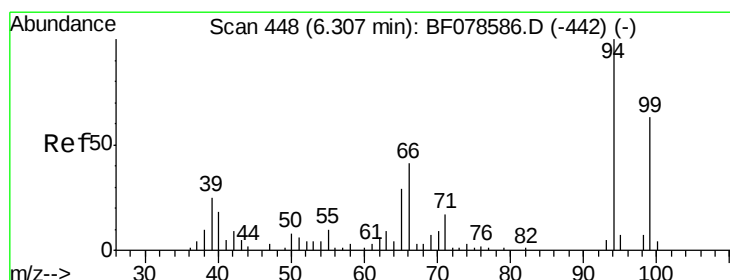
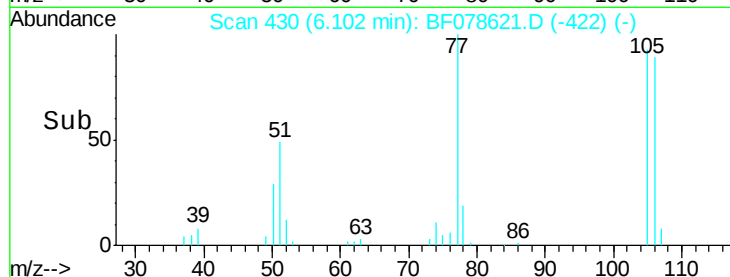
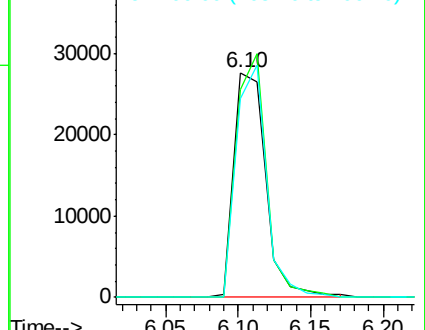
106 88.8 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.05 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

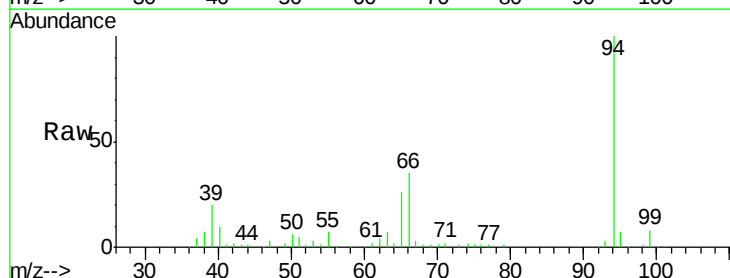
Tgt Ion: 94 Resp: 111795

Ion Ratio Lower Upper

94 100

65 25.9 4.9 44.9

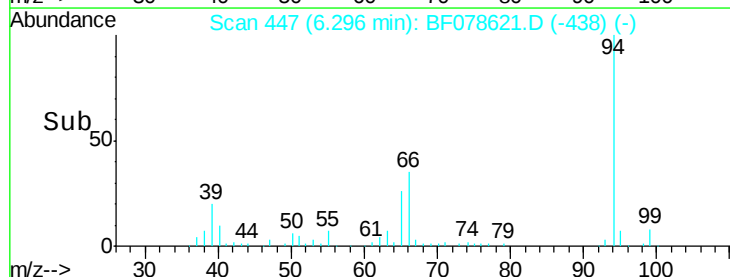
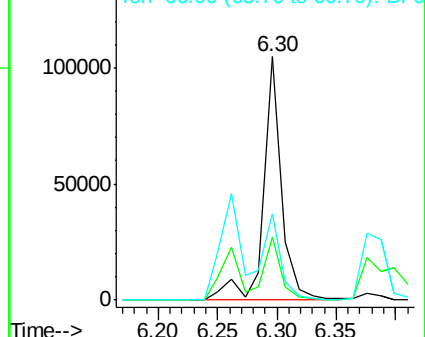
66 35.2 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.77 ng

RT: 6.38 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

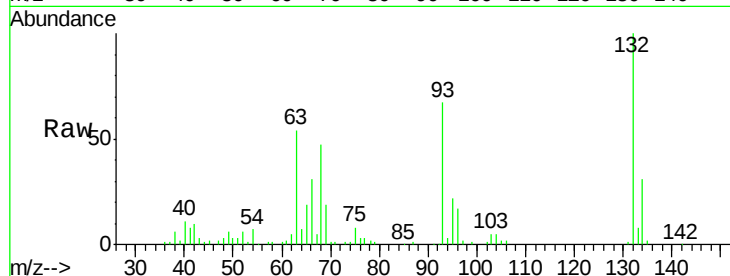
Tgt Ion: 93 Resp: 77898

Ion Ratio Lower Upper

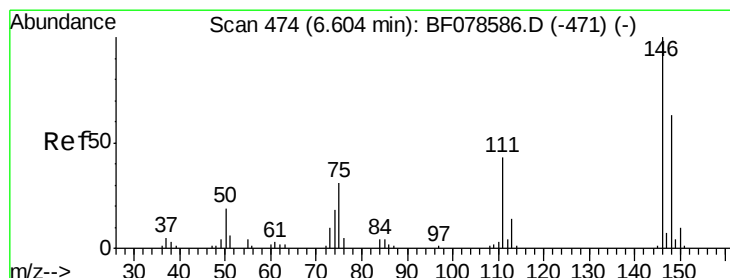
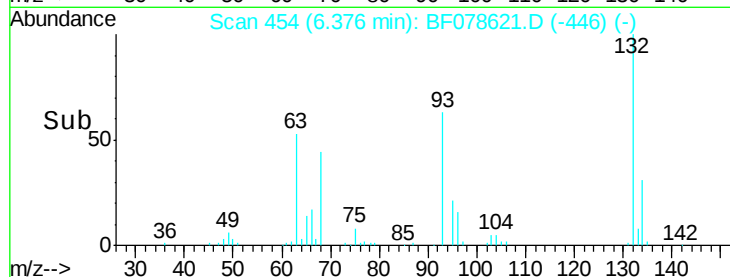
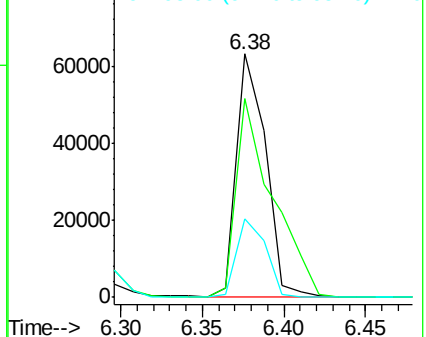
93 100

63 81.4 54.6 94.6

95 32.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.30 ng

RT: 6.59 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

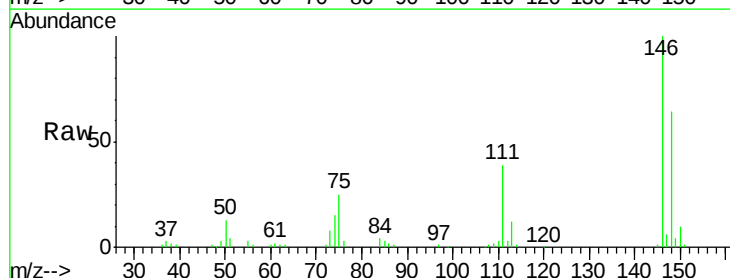
Tgt Ion: 146 Resp: 94950

Ion Ratio Lower Upper

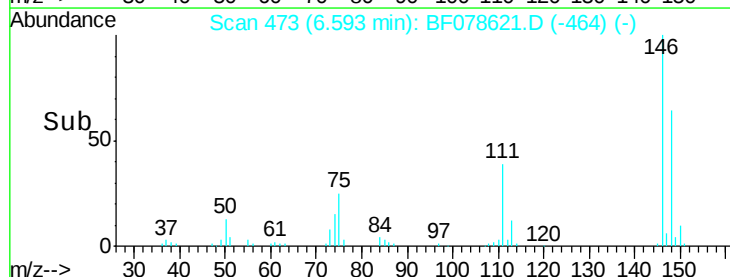
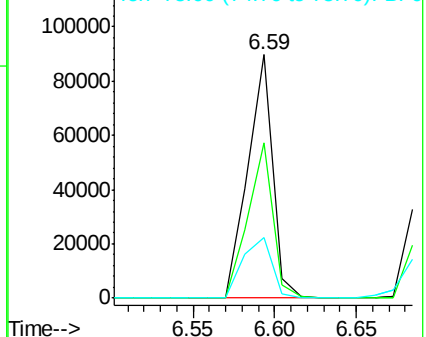
146 100

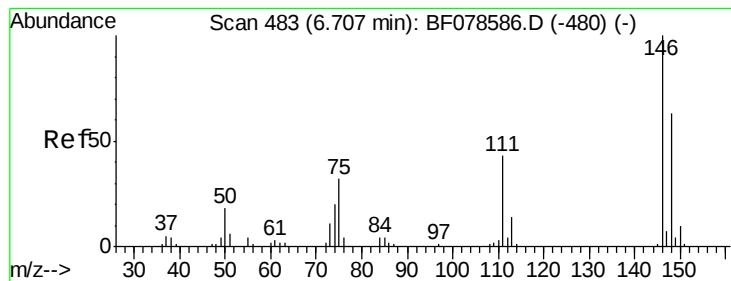
148 63.7 49.1 73.7

75 24.8 26.6 40.0#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.65 ng

RT: 6.70 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

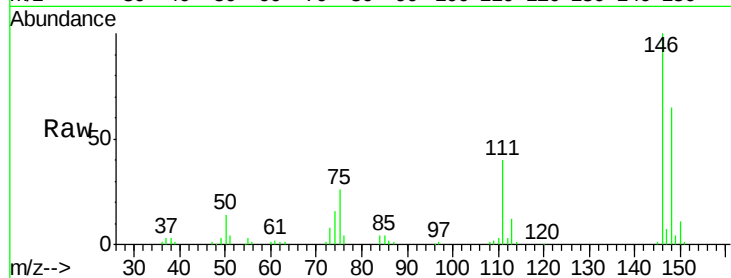
Tgt Ion:146 Resp: 96396

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

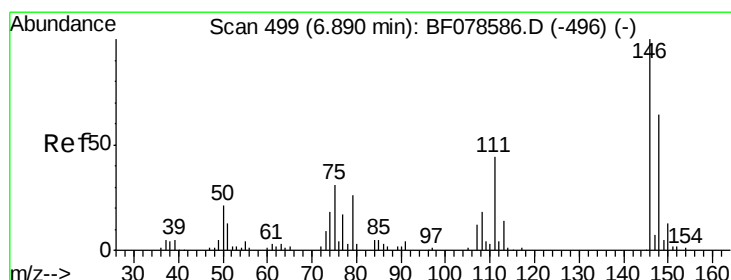
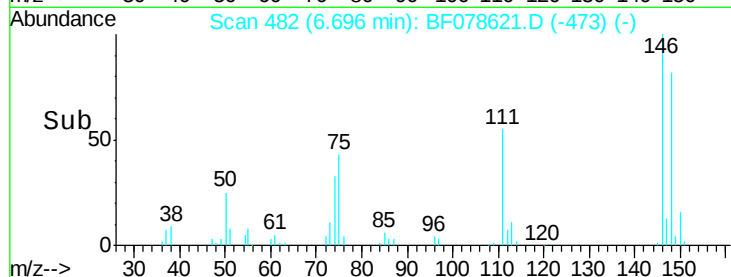
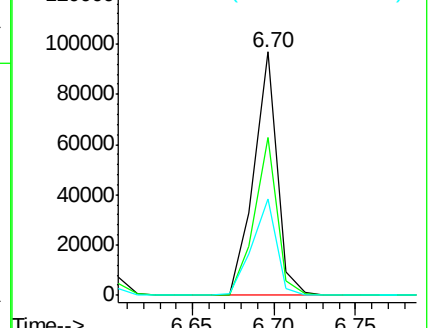
111 39.8 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.36 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

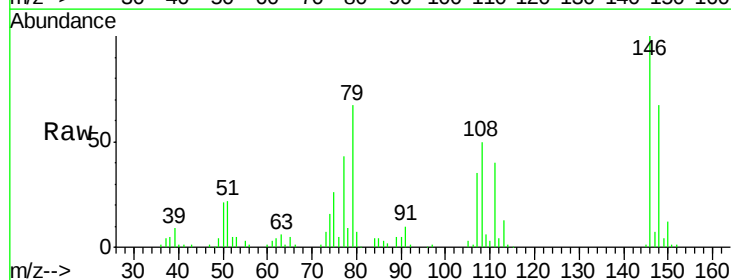
Tgt Ion:146 Resp: 89739

Ion Ratio Lower Upper

146 100

148 67.5 50.2 75.4

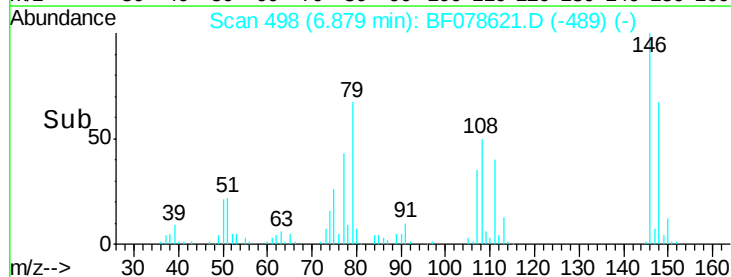
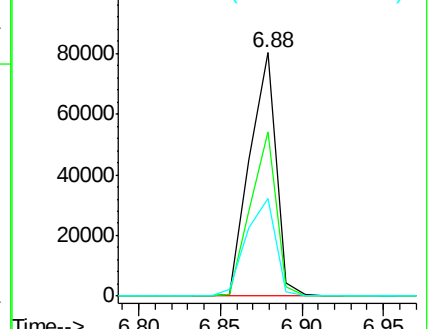
111 39.9 36.1 54.1

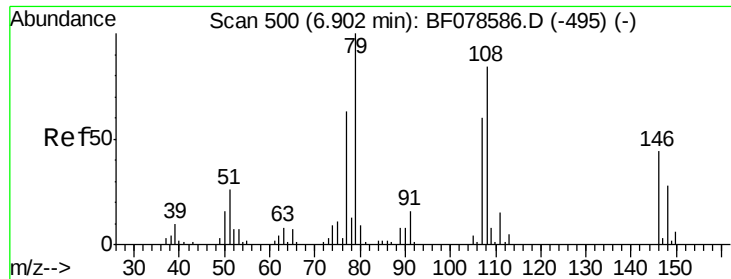


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.73 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

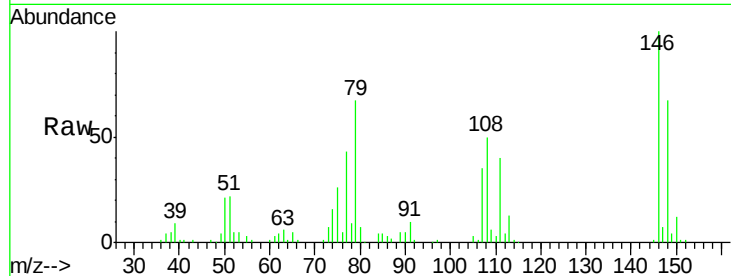
Tgt Ion: 79 Resp: 71456

Ion Ratio Lower Upper

79 100

108 74.6 57.6 86.4

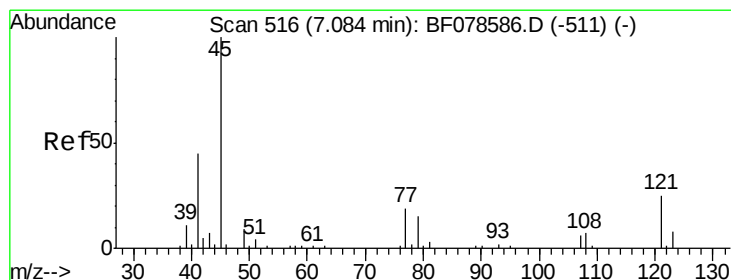
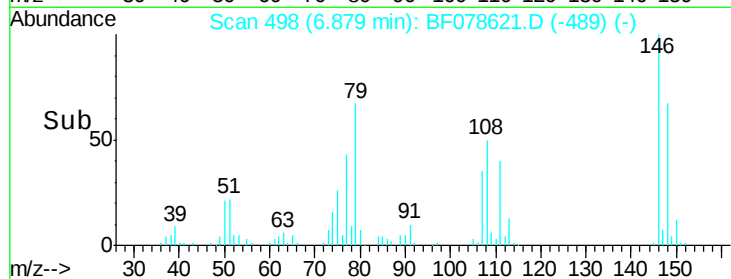
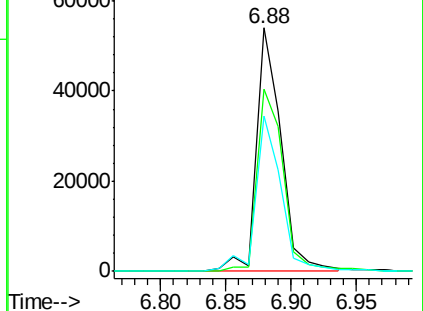
77 63.6 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.81 ng

RT: 7.06 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

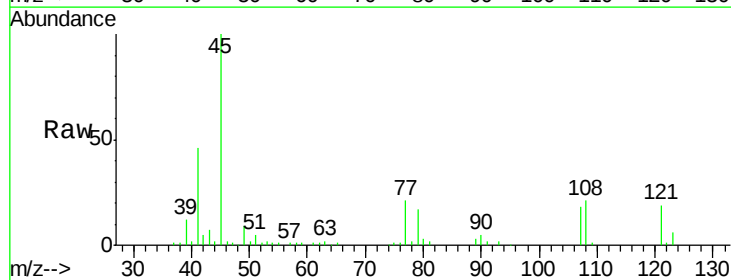
Tgt Ion: 45 Resp: 106612

Ion Ratio Lower Upper

45 100

77 21.2 0.0 34.5

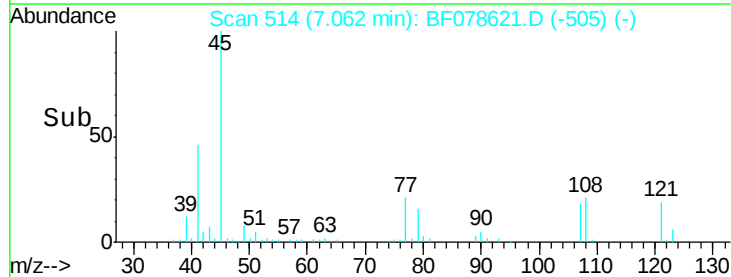
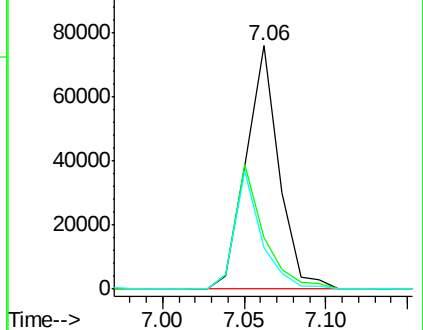
79 17.1 0.0 31.9

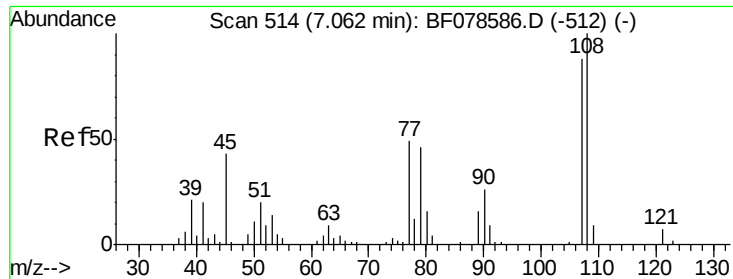


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

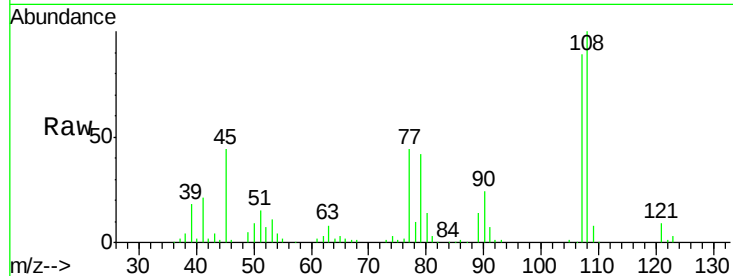




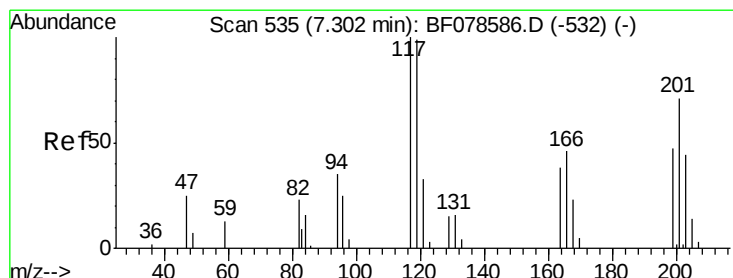
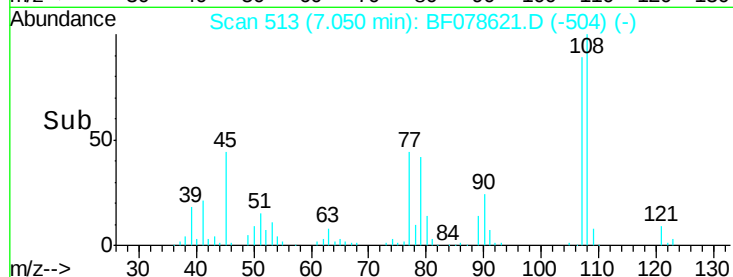
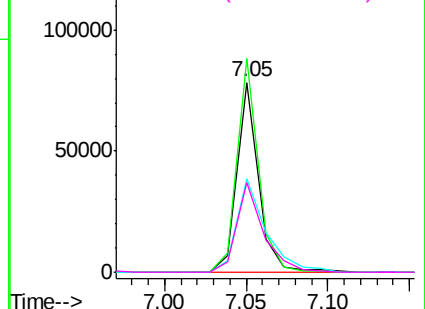
#17
2-Methylphenol
Concen: 42.91 ng
RT: 7.05 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 71459
Ion Ratio Lower Upper
107 100
108 112.4 90.3 135.5
77 49.4 35.5 53.3
79 47.1 34.2 51.4

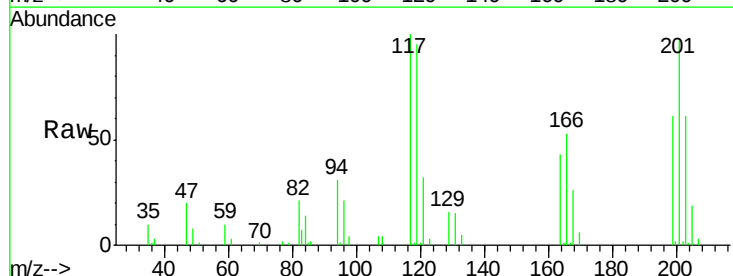


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

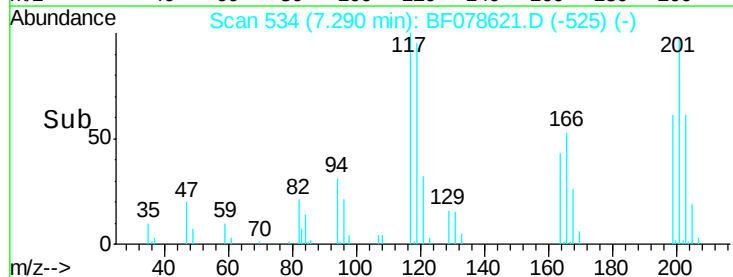
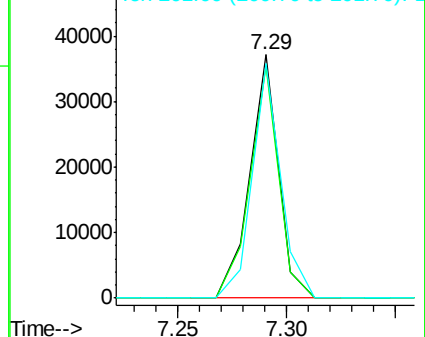


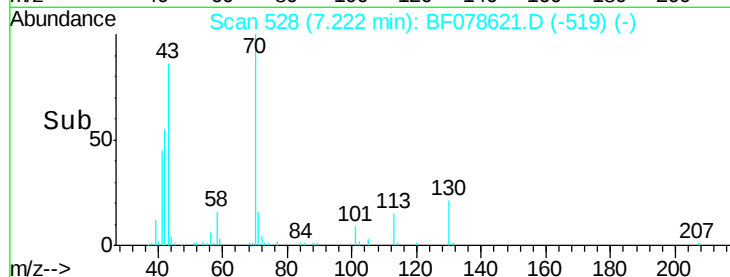
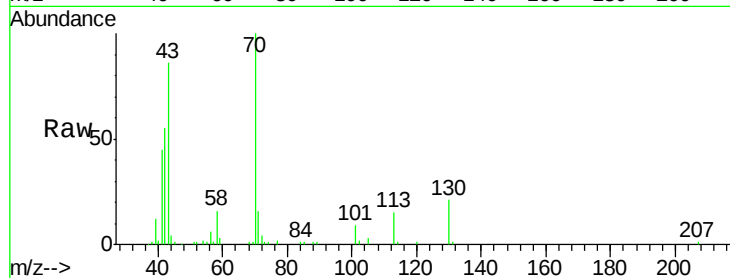
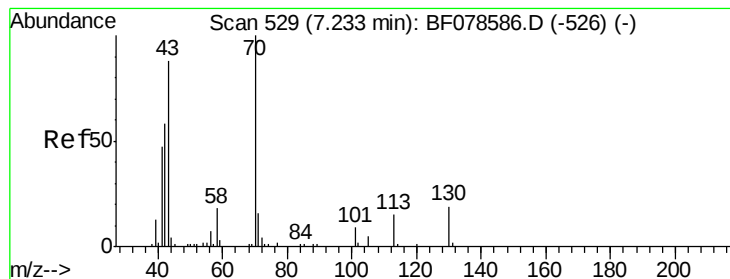
#18
Hexachloroethane
Concen: 42.37 ng
RT: 7.29 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:117 Resp: 33879
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6
201 96.6 98.1 147.1#



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





#19

n-Nitroso-di-n-propylamine

Concen: 45.15 ng

RT: 7.22 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 67719

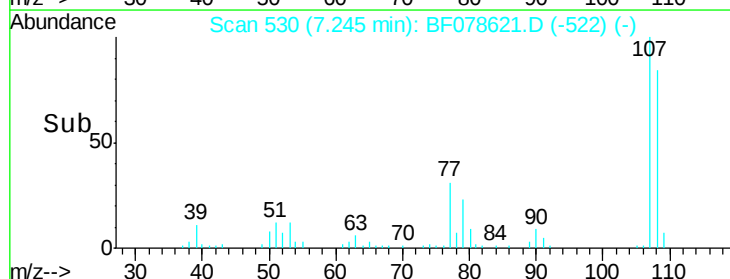
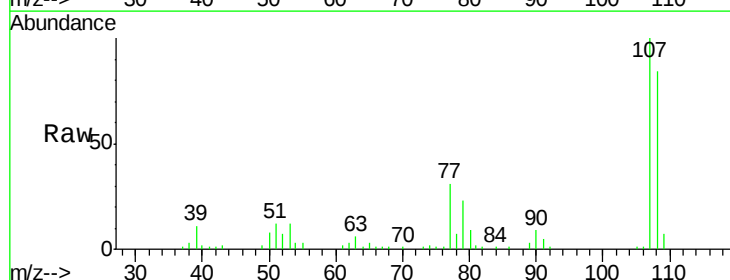
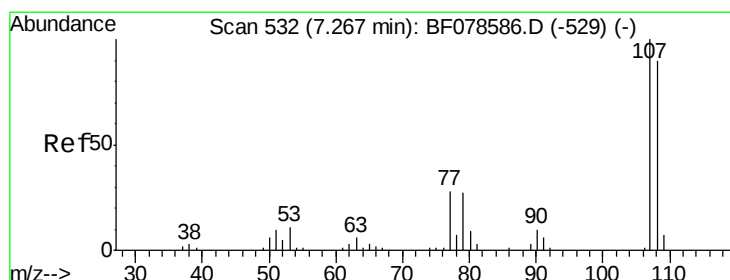
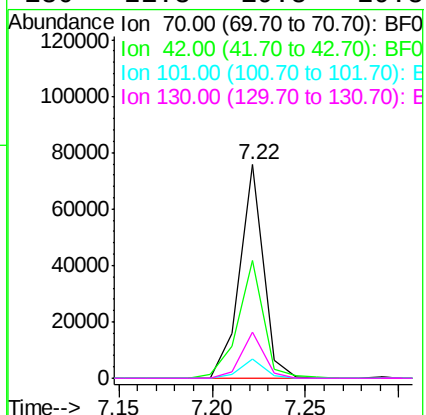
Ion Ratio Lower Upper

70 100

42 55.1 38.9 58.3

101 9.2 8.3 12.5

130 21.3 19.8 29.8



#20

3+4-Methylphenols

Concen: 43.34 ng

RT: 7.24 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Tgt Ion: 107 Resp: 96281

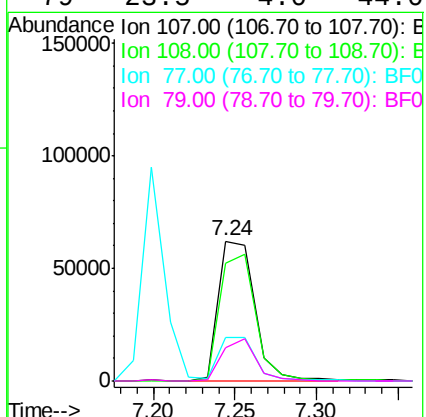
Ion Ratio Lower Upper

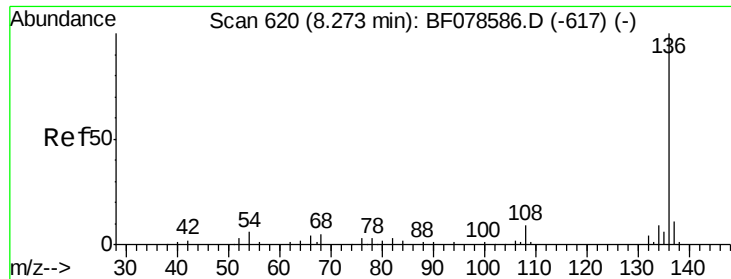
107 100

108 84.4 64.4 104.4

77 31.1 9.7 49.7

79 23.5 4.0 44.0

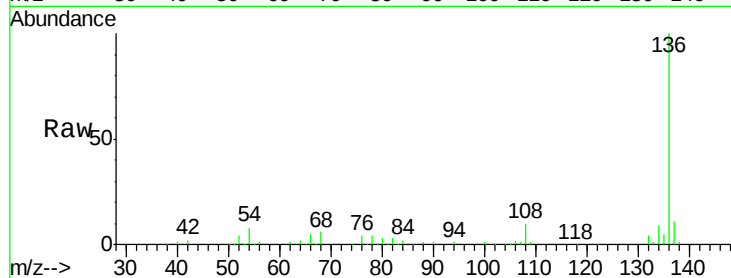




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	126957
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.8	7.0	10.6
68	6.2	5.4	8.2



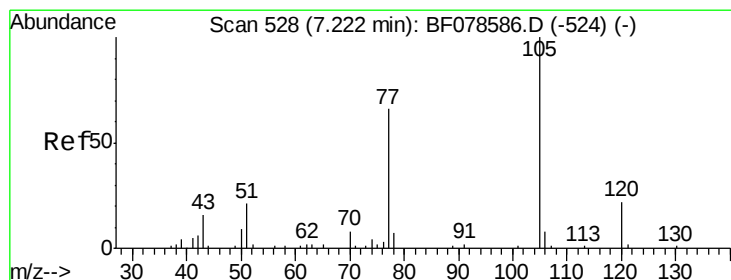
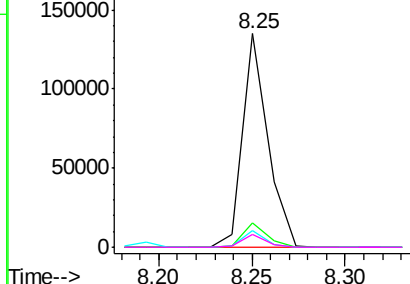
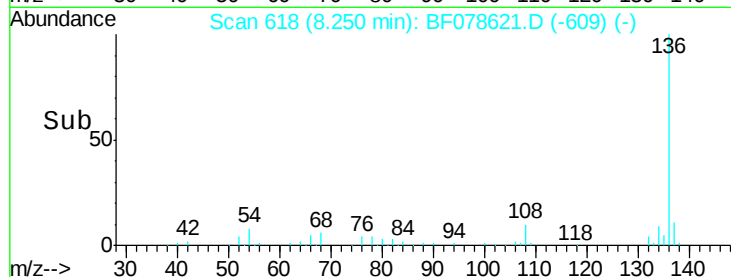
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

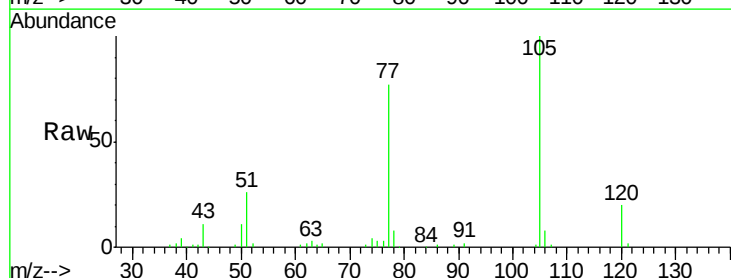
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 41.09 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:	105	Resp:	121554
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	26.3	16.0	24.0#
120	20.3	17.8	26.6



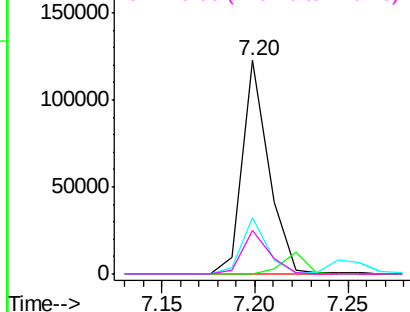
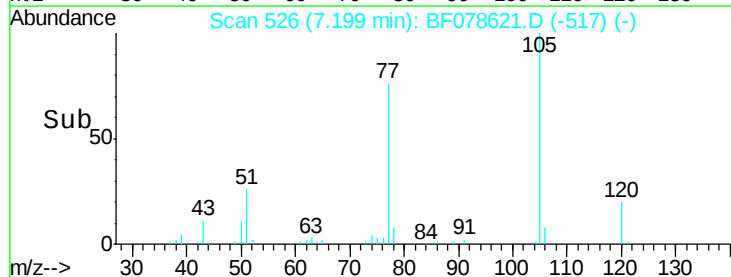
Abundance

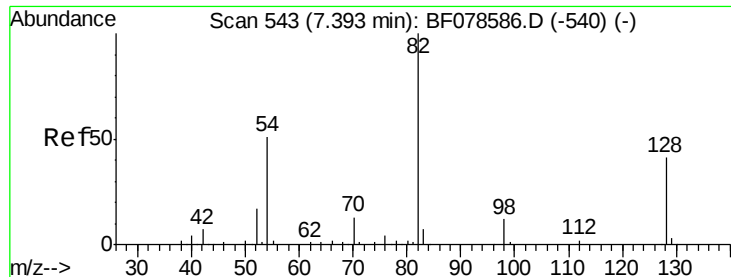
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

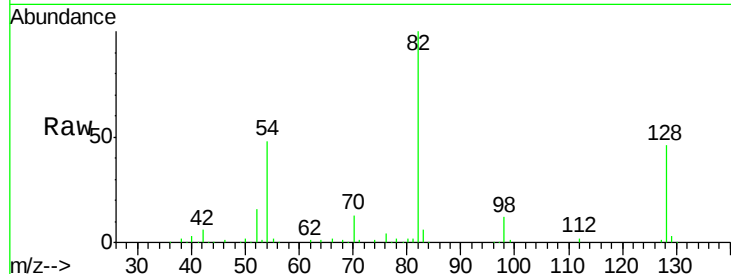




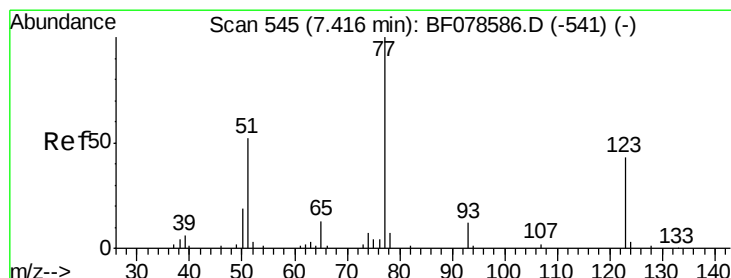
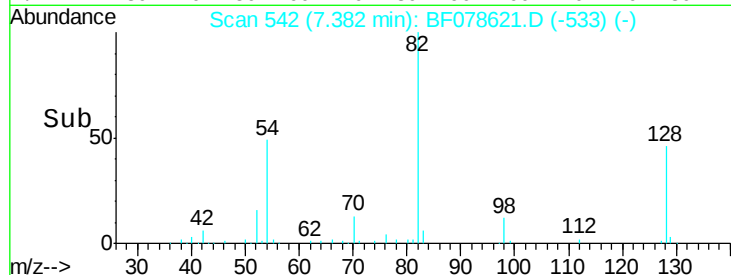
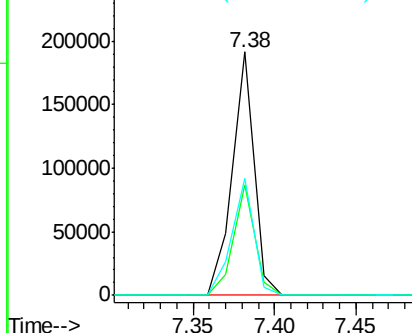
#23
 Nitrobenzene-d5
 Concen: 84.07 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	31.8	47.8
54	48.2	41.5	62.3

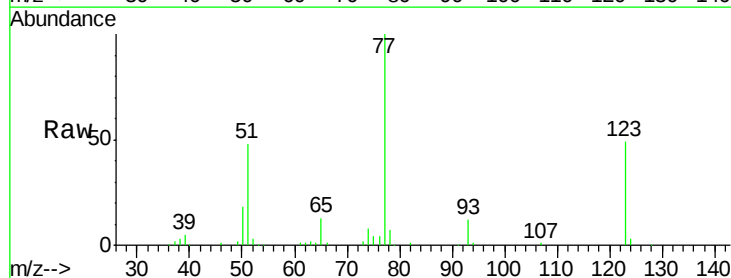


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

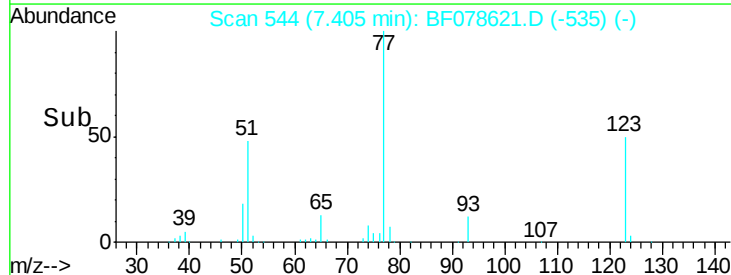
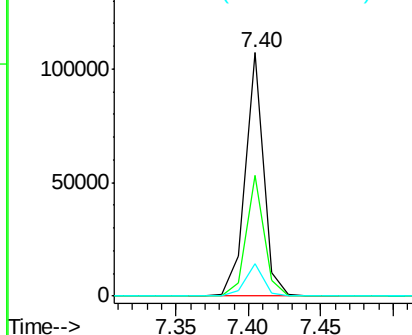


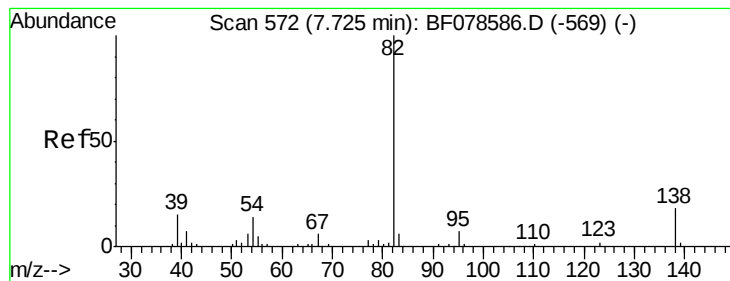
#24
 Nitrobenzene
 Concen: 43.13 ng
 RT: 7.40 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	46.9	70.3
65	13.2	9.5	14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.02 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

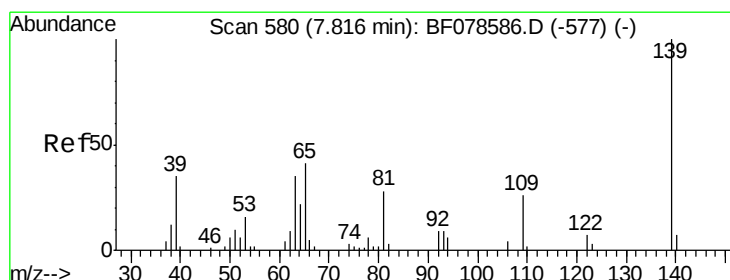
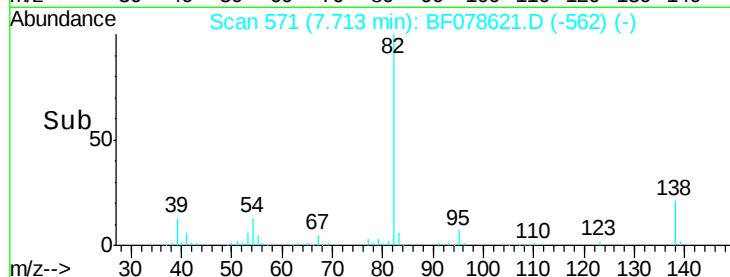
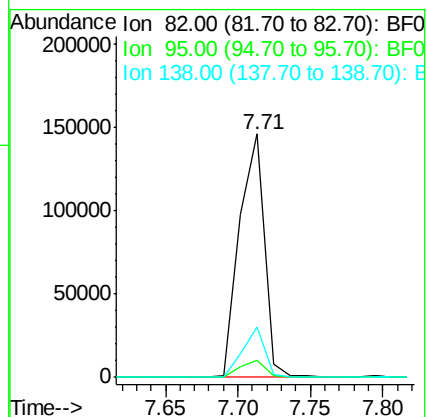
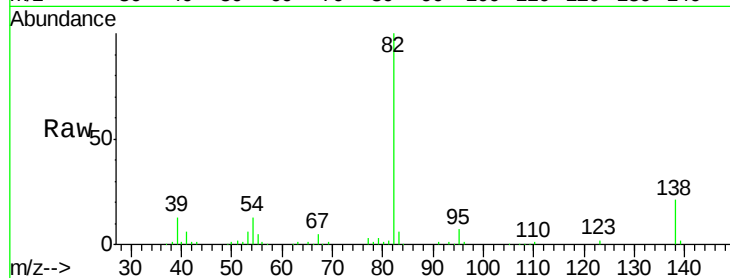
Tgt Ion: 82 Resp: 175002

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 20.7 15.8 23.8



#26

2-Nitrophenol

Concen: 41.50 ng

RT: 7.79 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

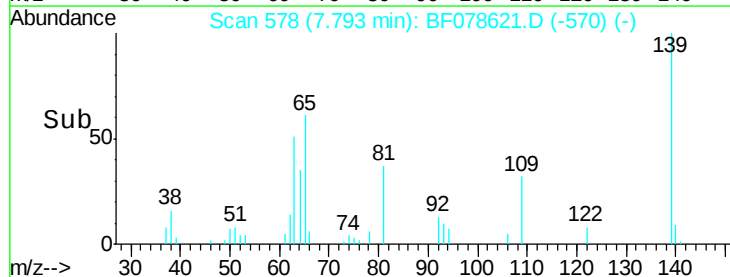
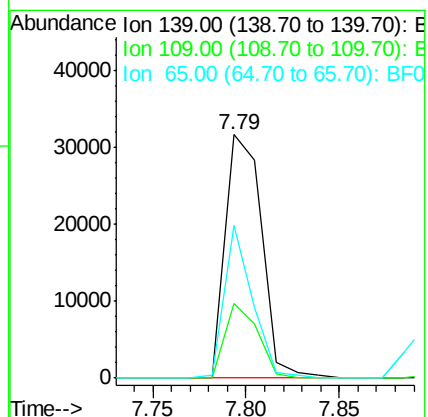
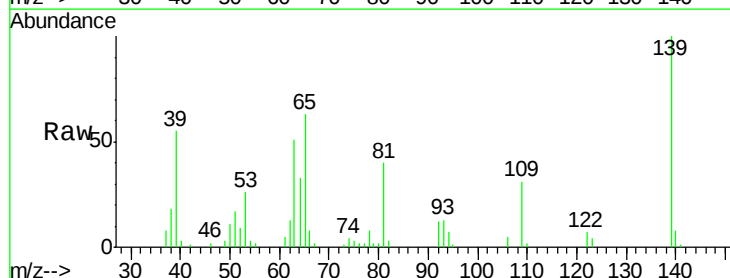
Tgt Ion: 139 Resp: 43299

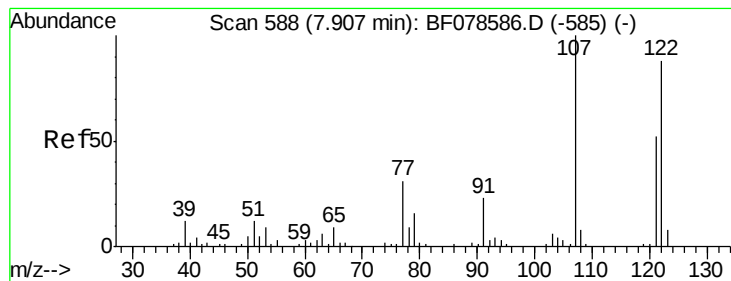
Ion Ratio Lower Upper

139 100

109 30.8 19.8 29.8#

65 62.8 32.7 49.1#





#27

2,4-Dimethylphenol

Concen: 41.80 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

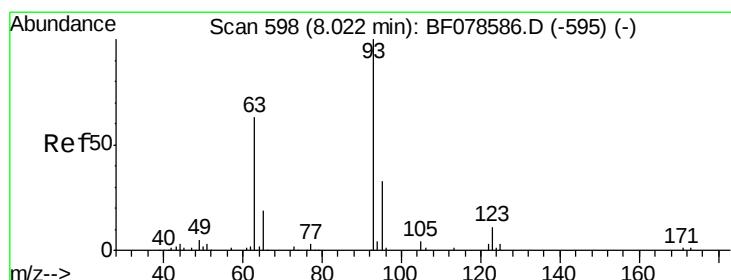
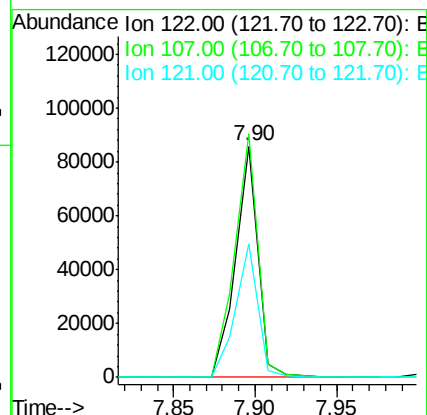
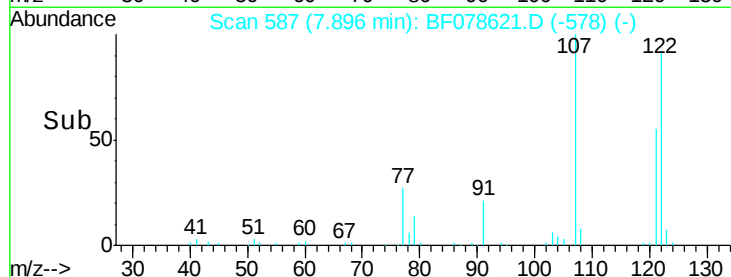
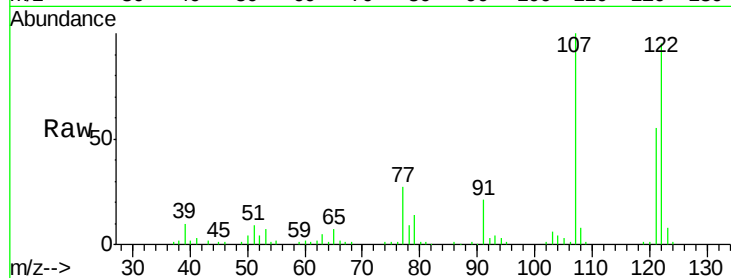
Tgt Ion:122 Resp: 81105

Ion Ratio Lower Upper

122 100

107 105.3 84.6 127.0

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.20 ng

RT: 8.01 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

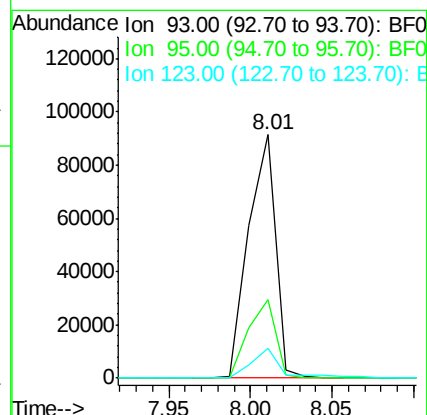
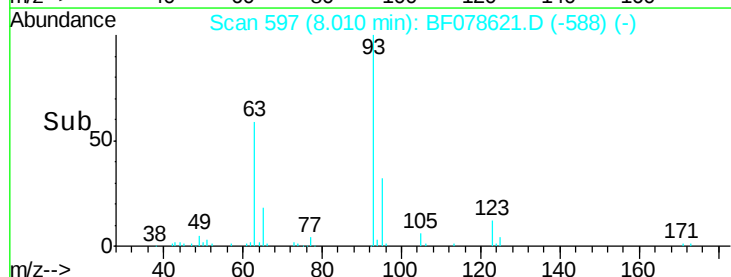
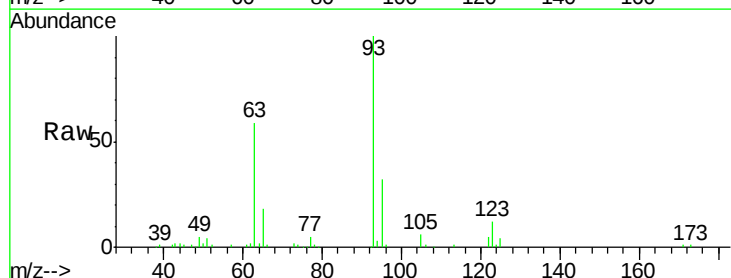
Tgt Ion: 93 Resp: 105021

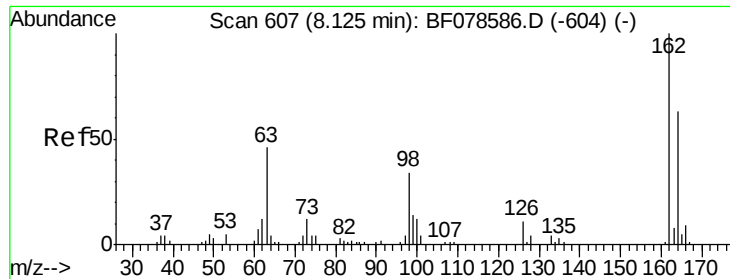
Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 12.0 9.1 13.7

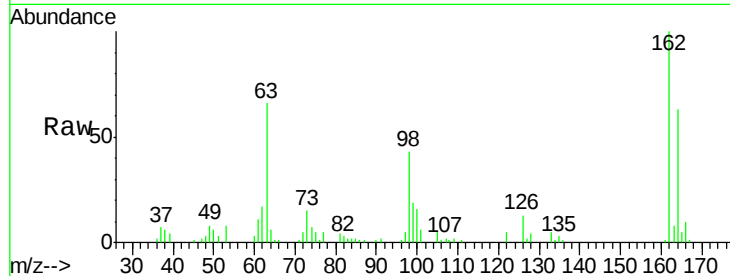




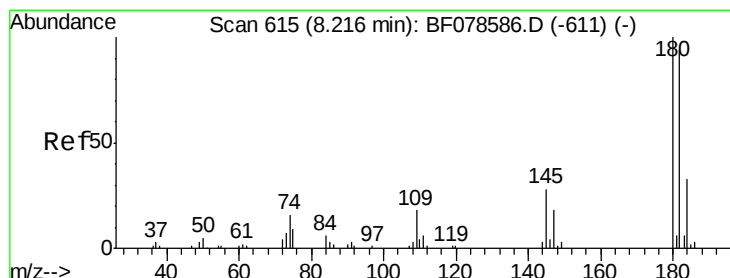
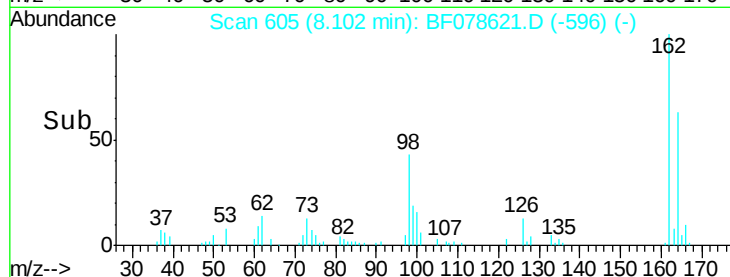
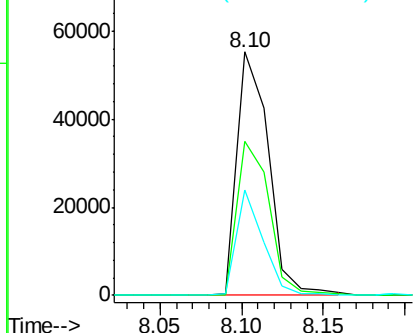
#29
 2,4-Dichlorophenol
 Concen: 41.80 ng
 RT: 8.10 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 73791
 Ion Ratio Lower Upper
 162 100
 164 63.3 47.0 87.0
 98 43.0 9.2 49.2

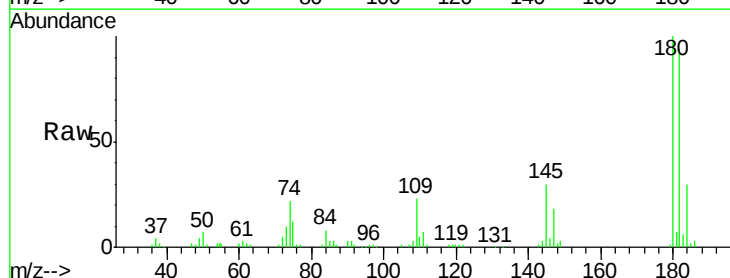


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

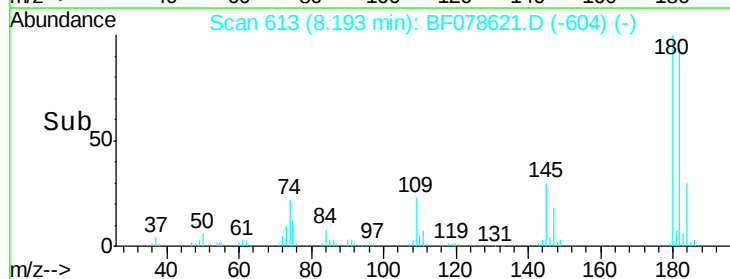
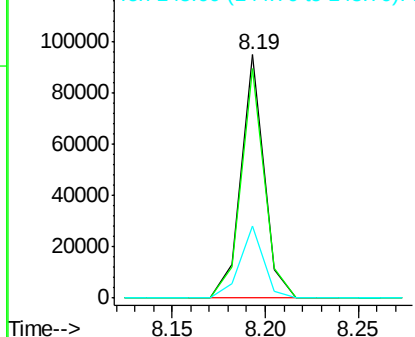


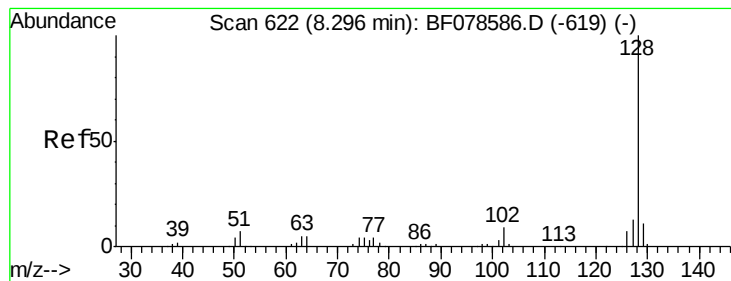
#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 8.19 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:180 Resp: 82096
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.9 115.3
 145 29.8 22.5 33.7



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





#31

Naphthalene

Concen: 39.81 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

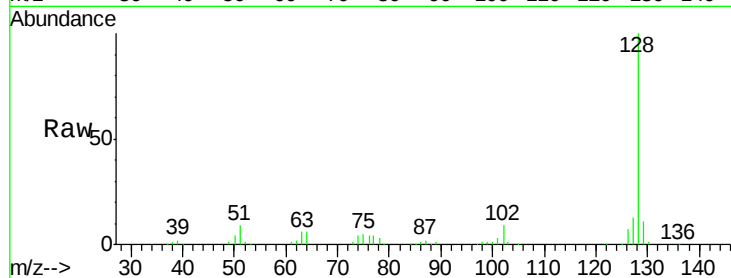
Tgt Ion:128 Resp: 263054

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

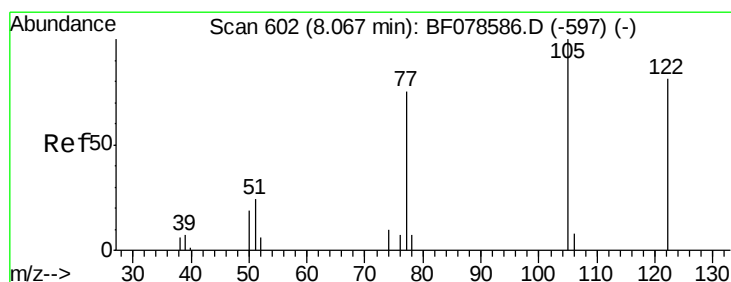
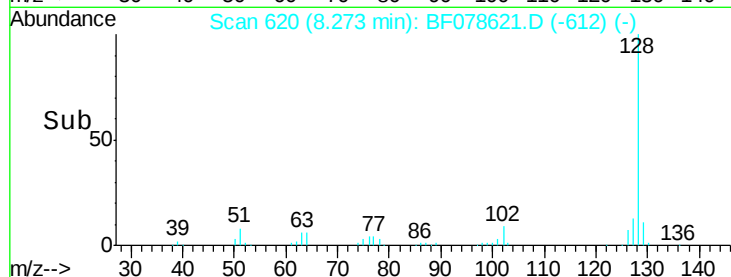
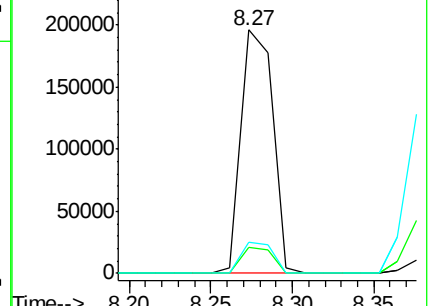
127 12.9 10.7 16.1



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: 46.49 ng

RT: 8.04 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

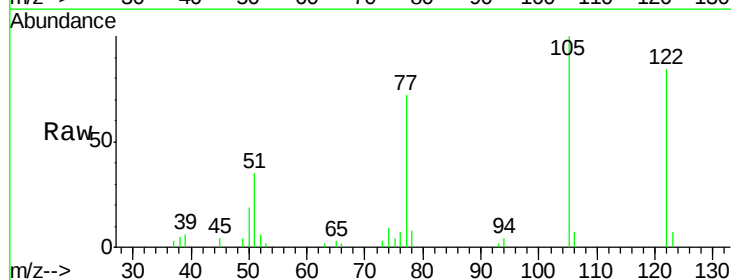
Tgt Ion:122 Resp: 42228

Ion Ratio Lower Upper

122 100

105 119.1 96.1 136.1

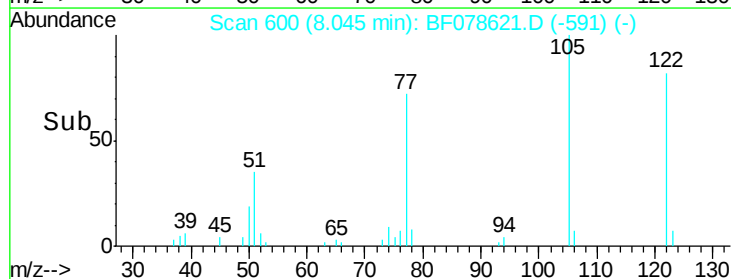
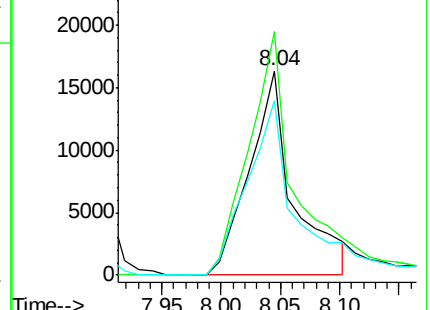
77 85.5 64.1 104.1

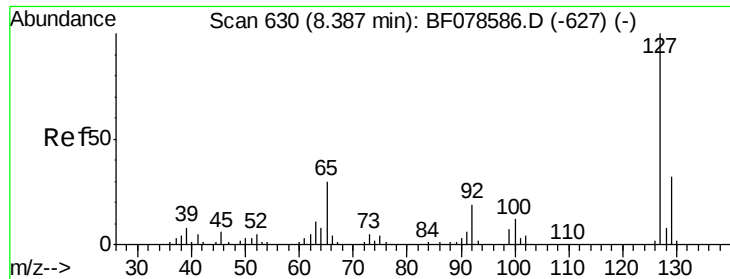


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

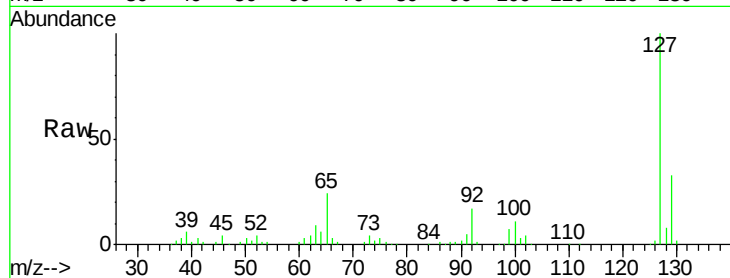




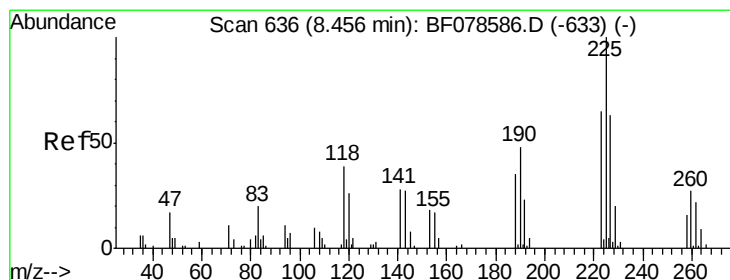
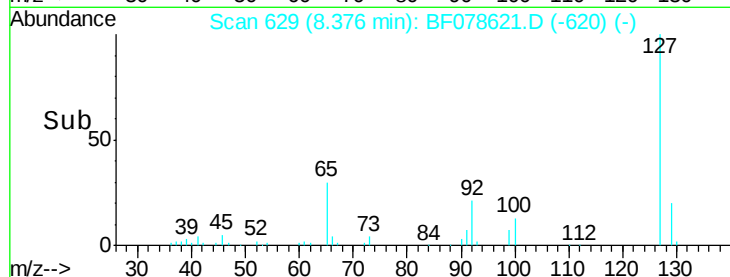
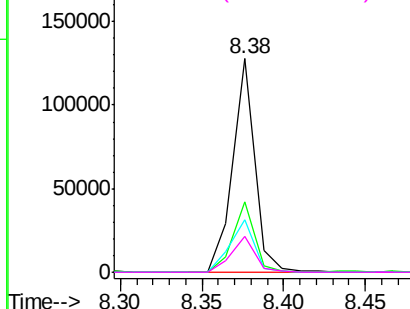
#33
4-Chloroaniline
Concen: 43.48 ng
RT: 8.38 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	119225
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.5	38.3
65	24.4	21.7	32.5
92	17.1	14.6	21.8

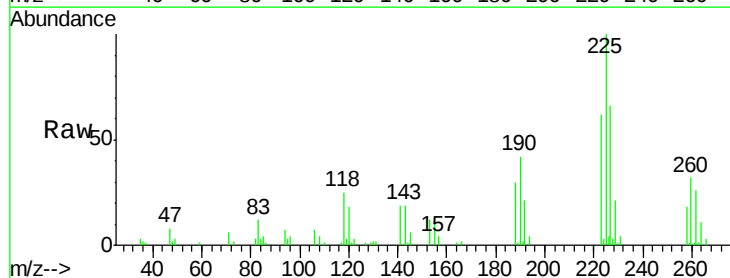


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

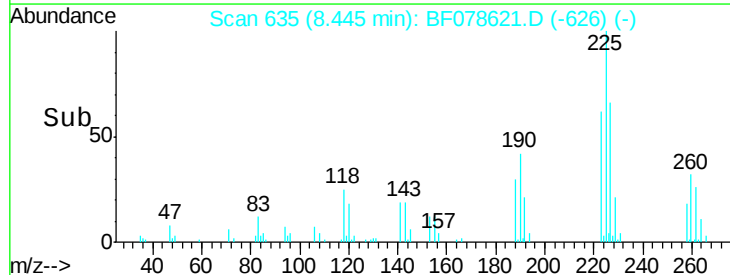
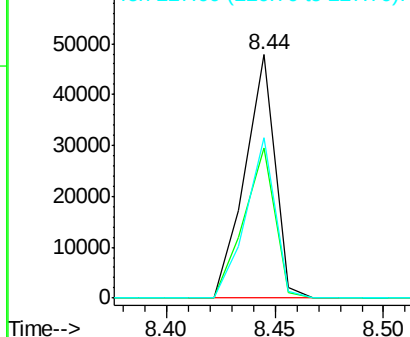


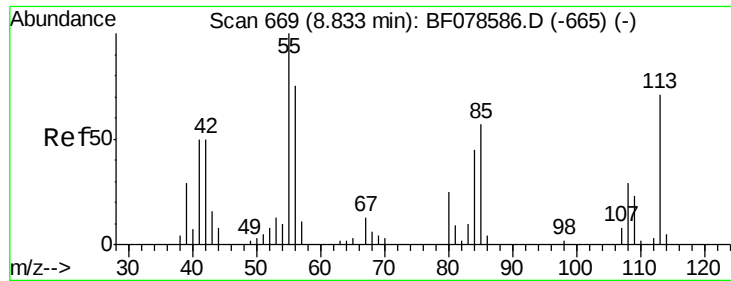
#34
Hexachlorobutadiene
Concen: 41.36 ng
RT: 8.44 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:	225	Resp:	45962
Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.5	71.3
227	65.8	50.2	75.2



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

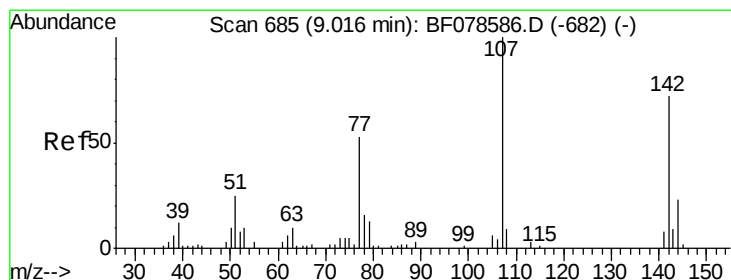
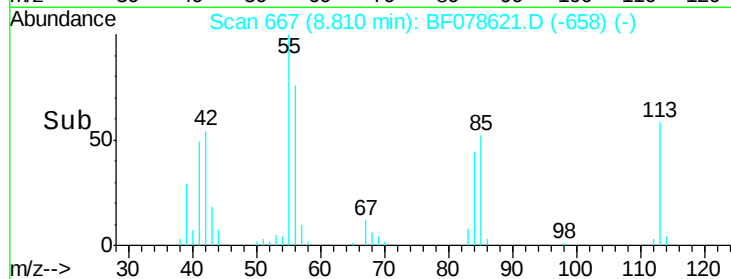
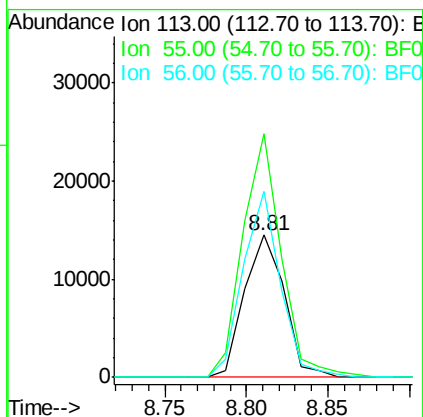
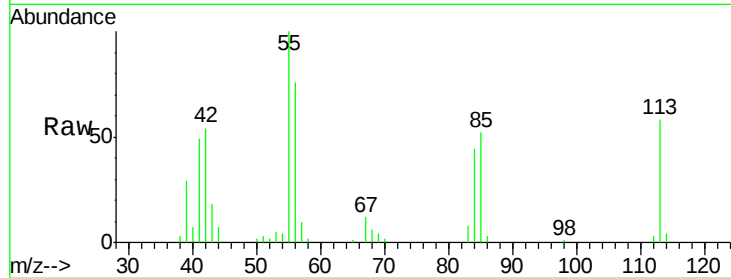




#35
 Caprolactam
 Concen: 46.52 ng
 RT: 8.81 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

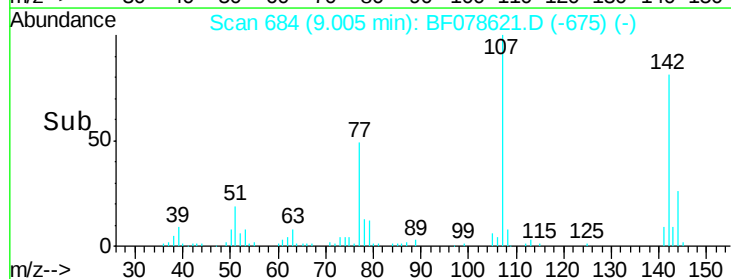
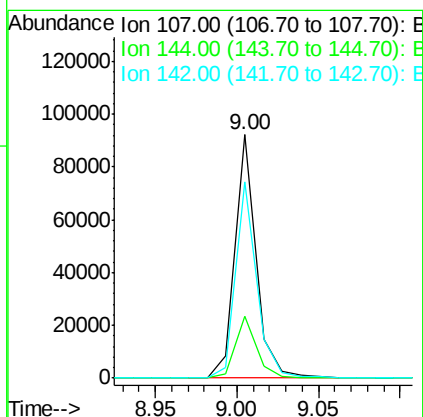
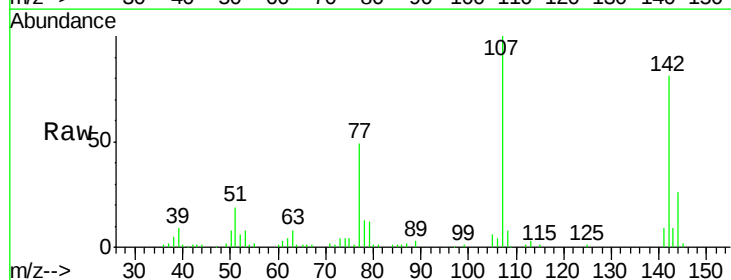
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

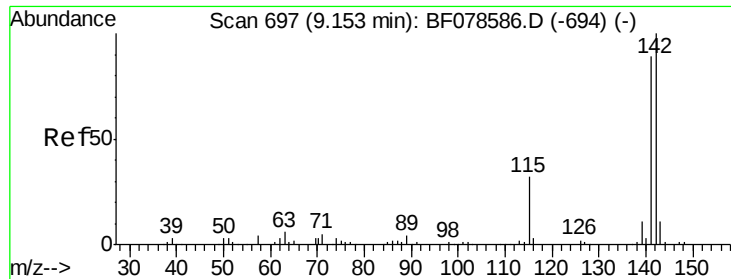
Tgt Ion:113 Resp: 24512
 Ion Ratio Lower Upper
 113 100
 55 171.3 151.9 191.9
 56 130.8 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.93 ng
 RT: 9.00 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:107 Resp: 81812
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.2 27.2
 142 80.7 58.0 87.0

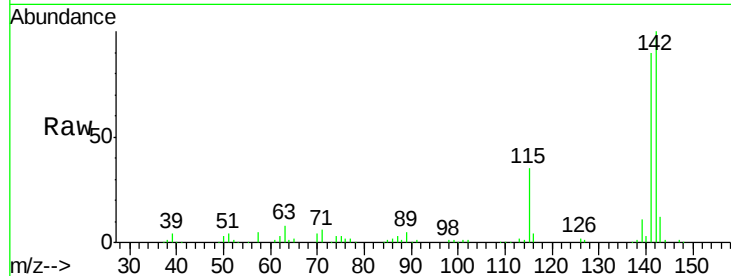




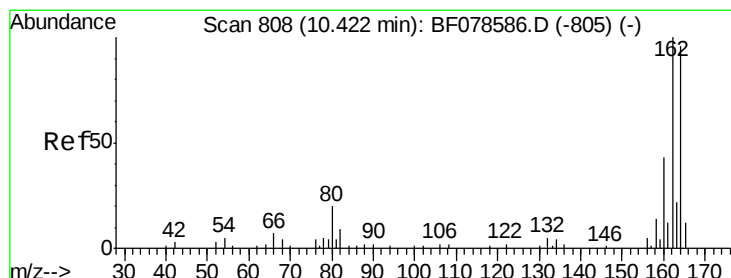
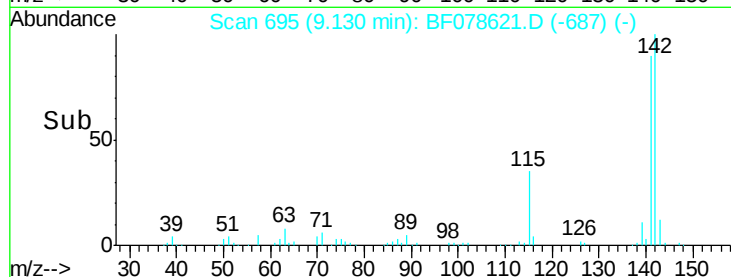
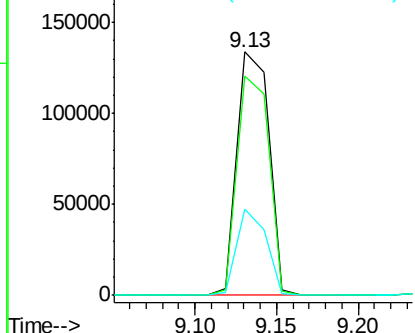
#37
 2-Methylnaphthalene
 Concen: 40.31 ng
 RT: 9.13 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 180861
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.3 105.5
 115 35.2 24.6 37.0

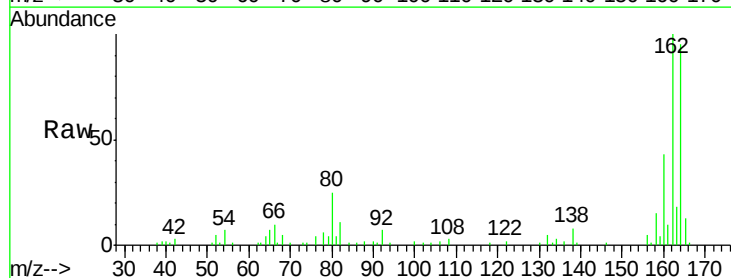


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

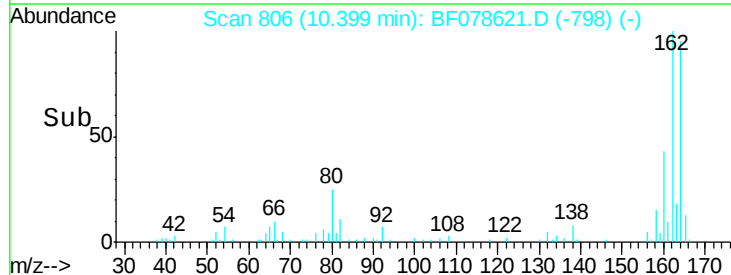
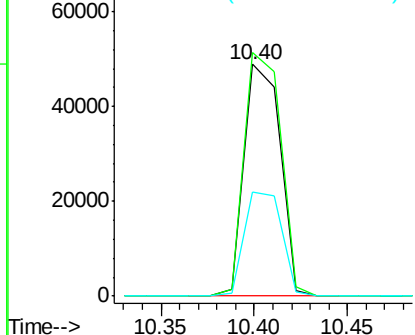


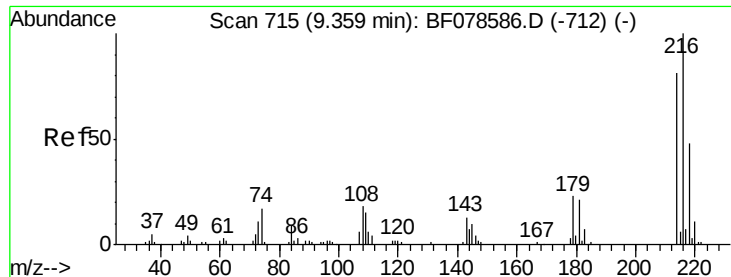
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:164 Resp: 65654
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.2 123.2
 160 45.1 34.7 52.1



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

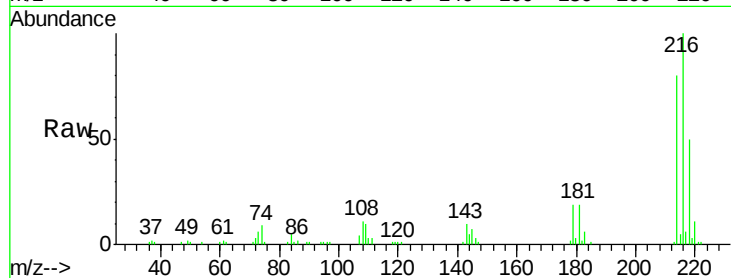




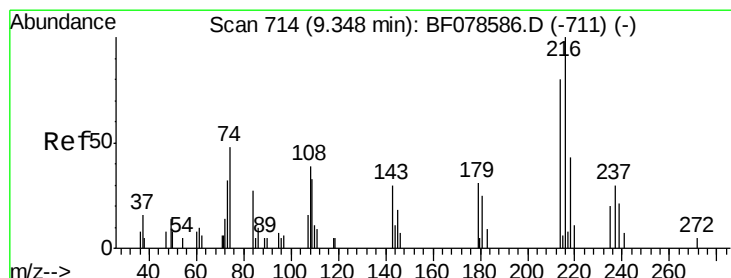
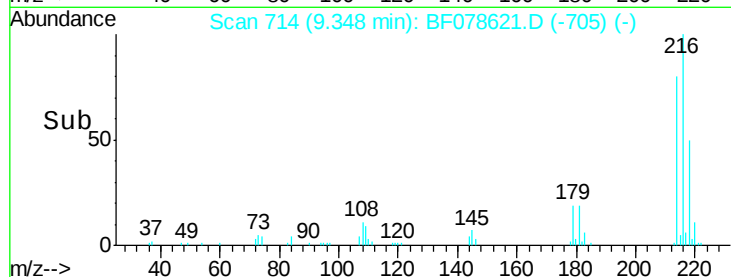
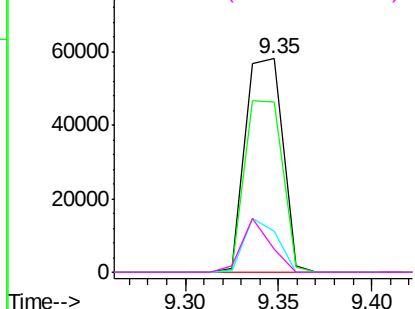
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.63 ng
 RT: 9.35 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	80628
Ion	Ratio	Lower	Upper
216	100		
214	80.8	62.0	93.0
179	22.2	17.3	25.9
108	19.5	14.6	21.8

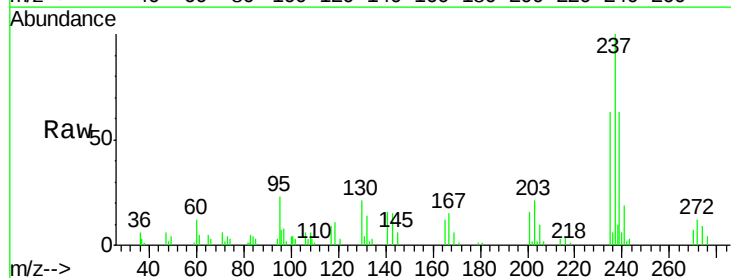


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

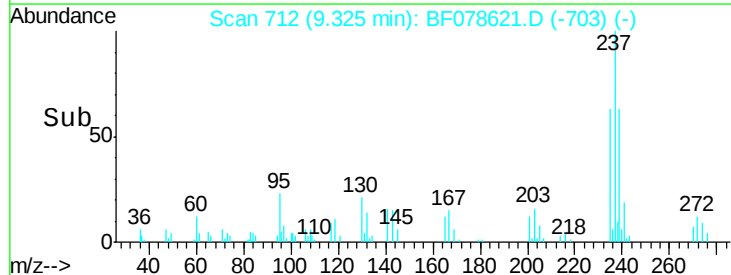
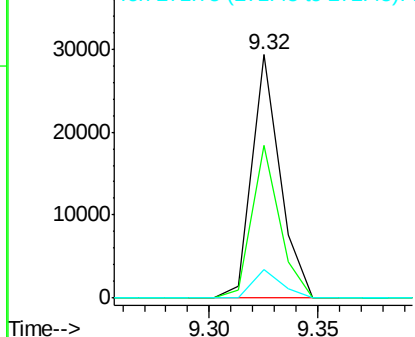


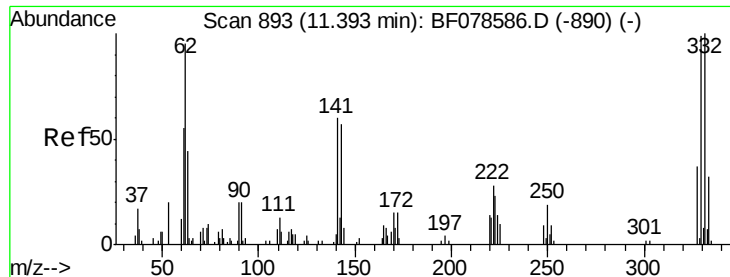
#40
 Hexachlorocyclopentadiene
 Concen: 34.37 ng
 RT: 9.32 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:	237	Resp:	26381
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.1	84.1
272	11.7	0.0	34.4



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

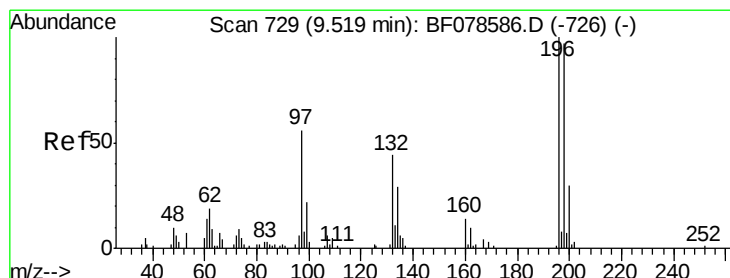
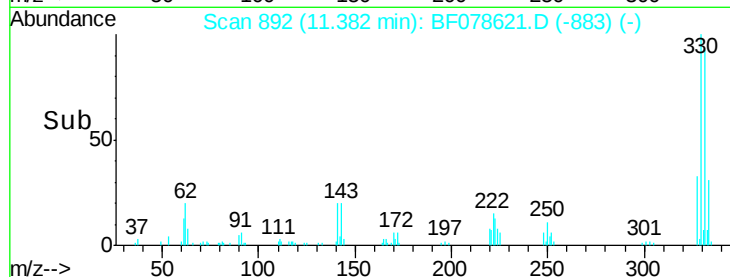
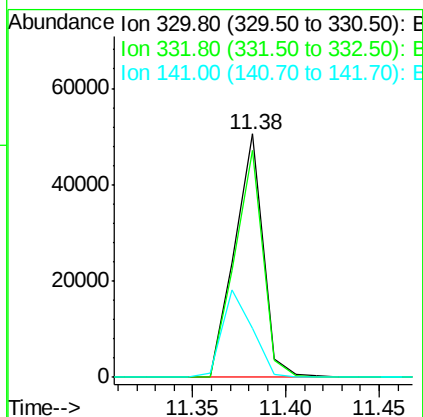
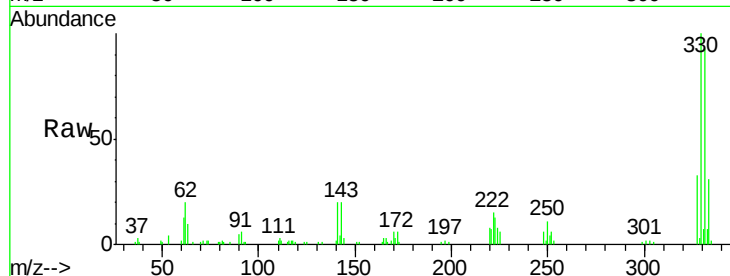




#41
 2,4,6-Tribromophenol
 Concen: 99.66 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

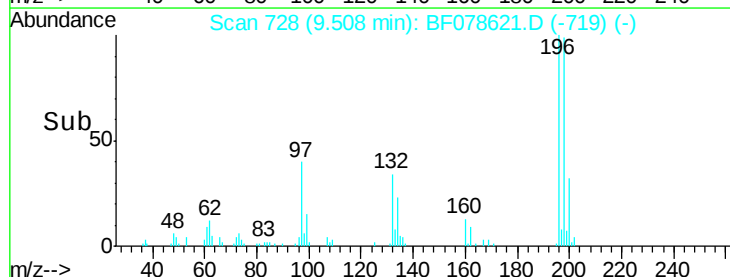
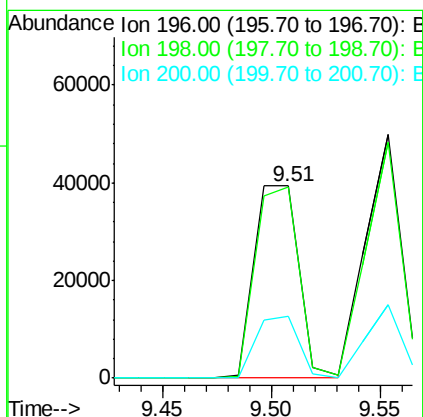
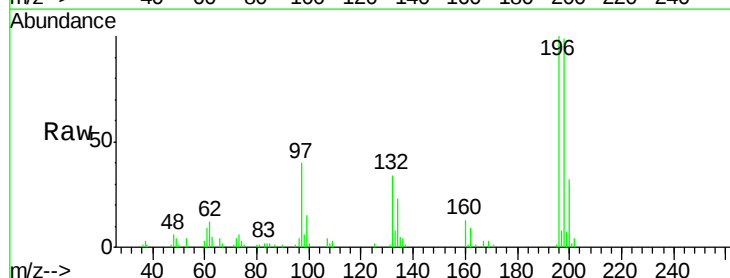
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 54265
 Ion Ratio Lower Upper
 330 100
 332 92.7 78.6 117.8
 141 37.8 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.78 ng
 RT: 9.51 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:196 Resp: 56166
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.4 113.2
 200 32.1 24.0 36.0

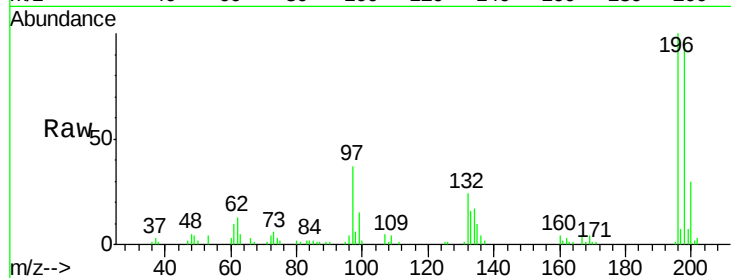




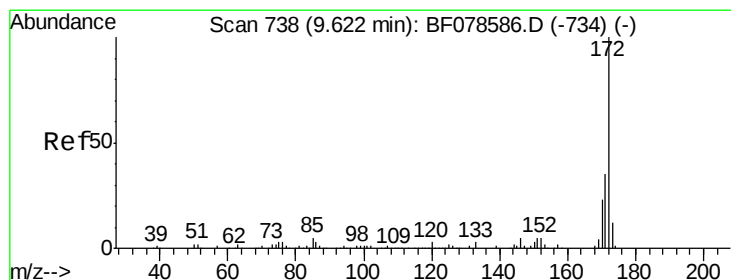
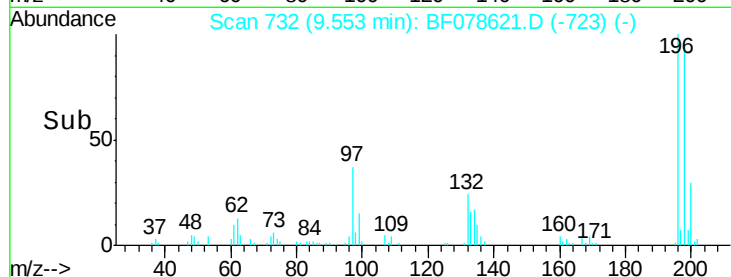
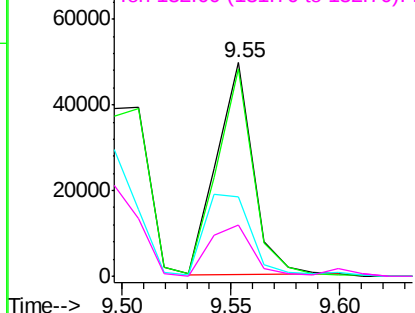
#43
 2,4,5-Trichlorophenol
 Concen: 43.15 ng
 RT: 9.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 57838
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.6 115.0
 97 37.2 50.6 75.8#
 132 23.9 27.7 41.5#

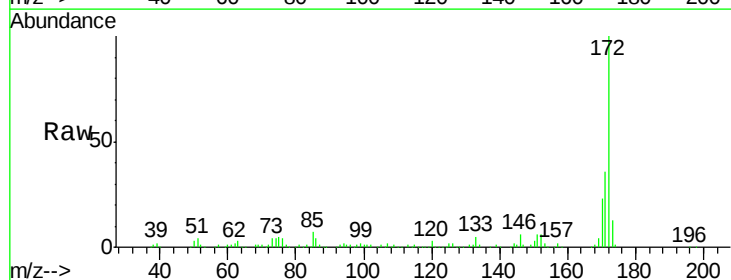


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

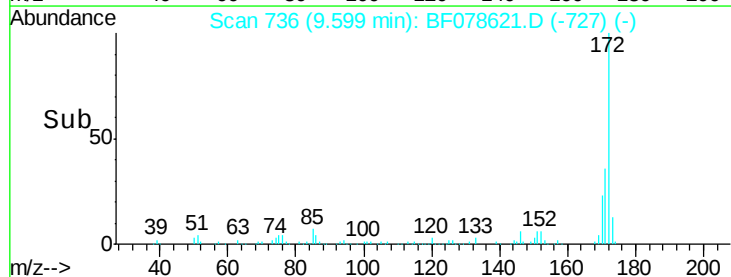
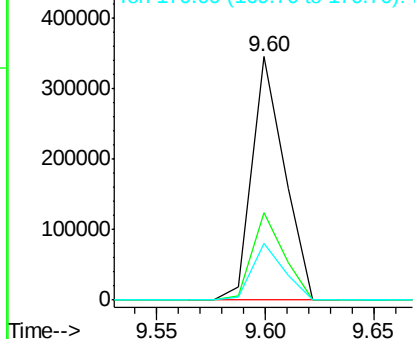


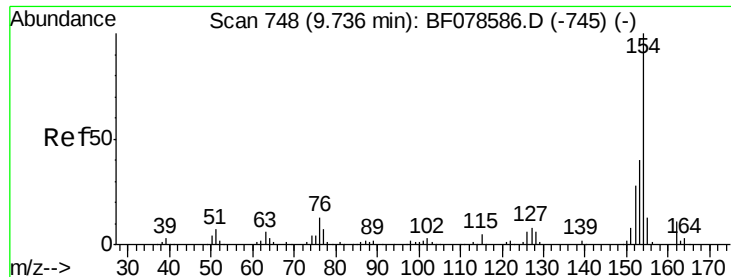
#44
 2-Fluorobiphenyl
 Concen: 78.17 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:172 Resp: 359047
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.4 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

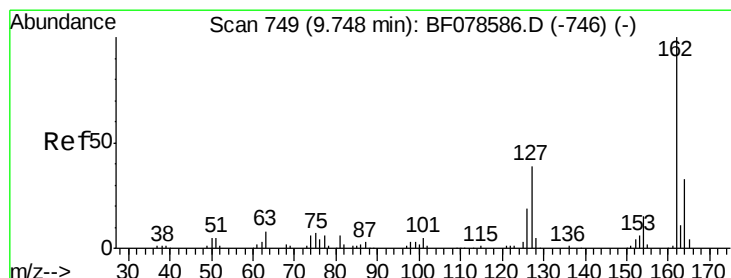
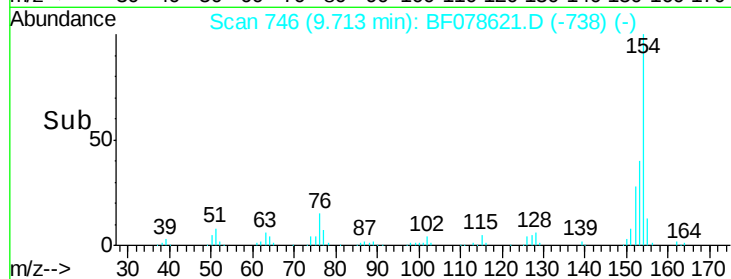
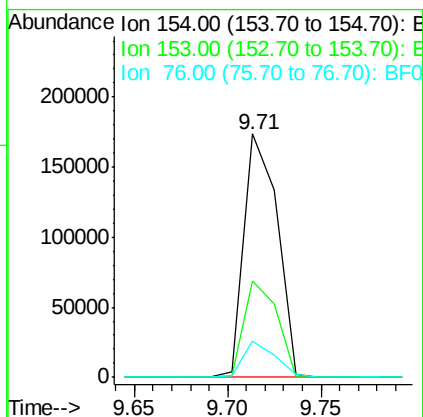
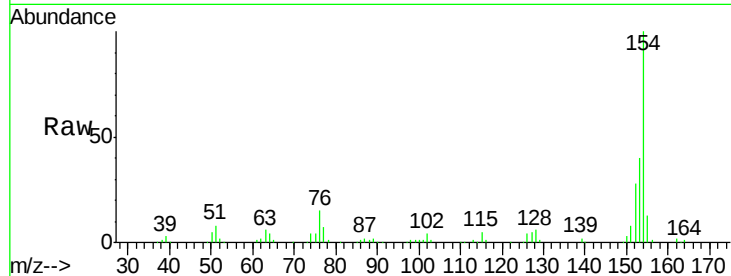




#45
 1,1'-Biphenyl
 Concen: 40.09 ng
 RT: 9.71 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

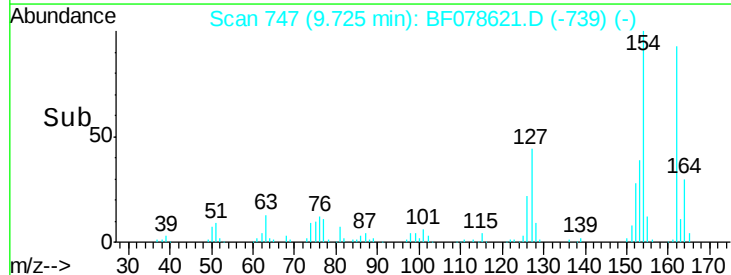
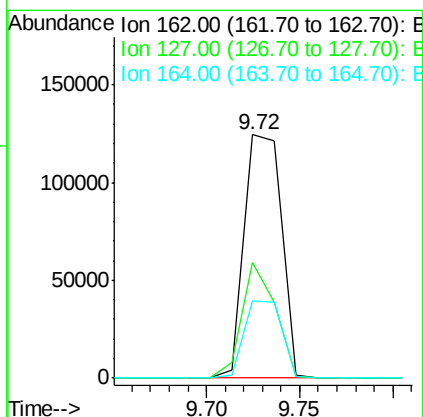
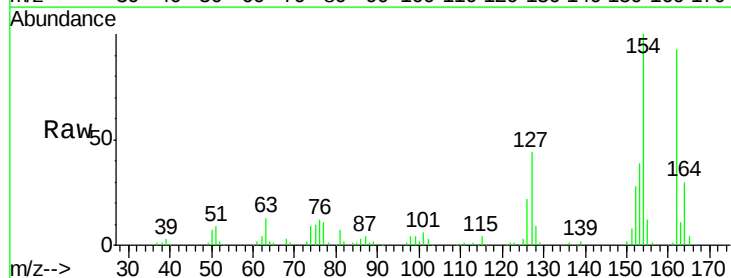
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

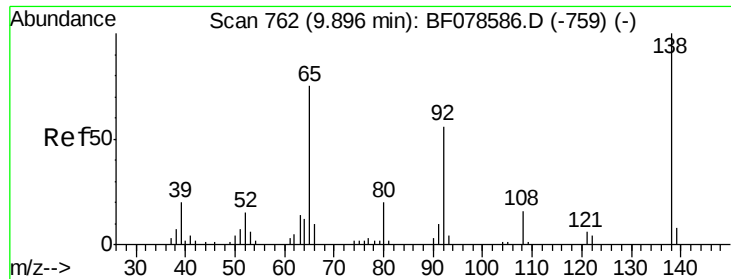
Tgt Ion:154 Resp: 215289
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.0 60.0
 76 14.9 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 40.92 ng
 RT: 9.72 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:162 Resp: 172914
 Ion Ratio Lower Upper
 162 100
 127 47.3 32.6 49.0
 164 31.8 26.0 39.0

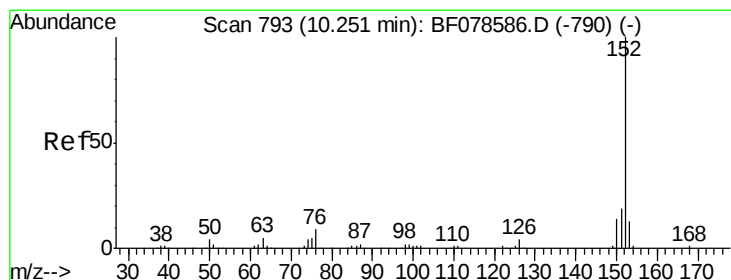
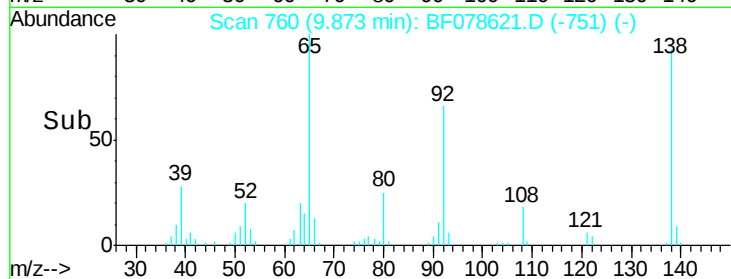
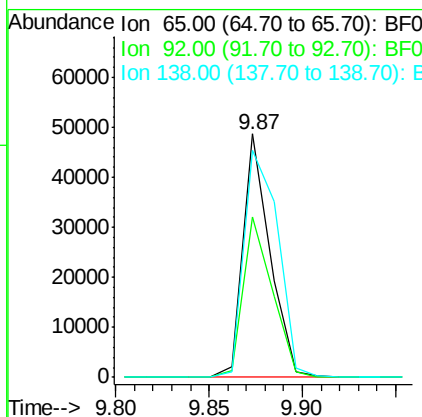
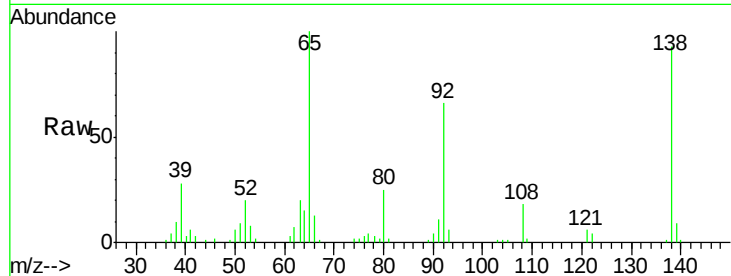




#47
 2-Nitroaniline
 Concen: 47.16 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

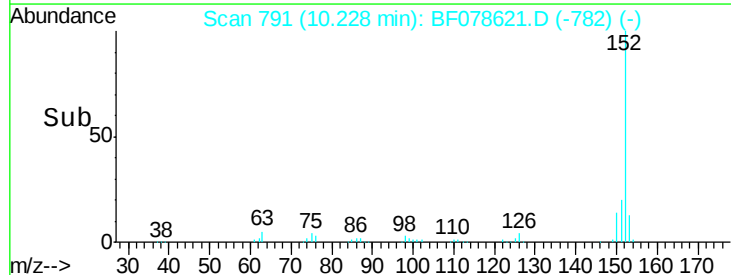
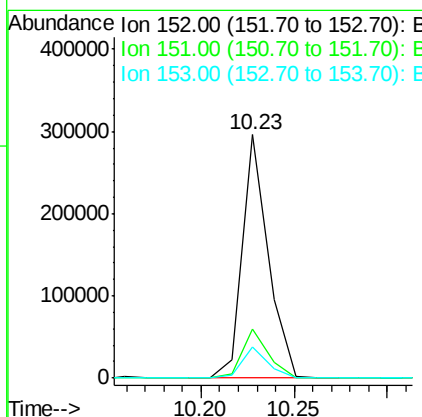
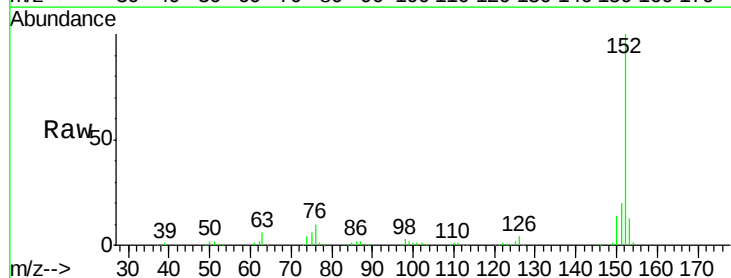
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

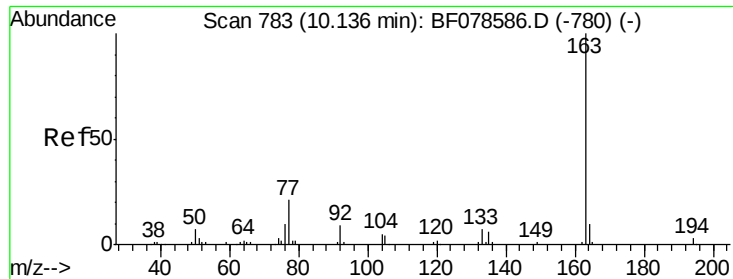
Tgt Ion: 65 Resp: 49300
 Ion Ratio Lower Upper
 65 100
 92 65.7 51.3 76.9
 138 93.4 70.4 105.6



#48
 Acenaphthylene
 Concen: 41.82 ng
 RT: 10.23 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion: 152 Resp: 285330
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.7 23.5
 153 12.9 10.2 15.2

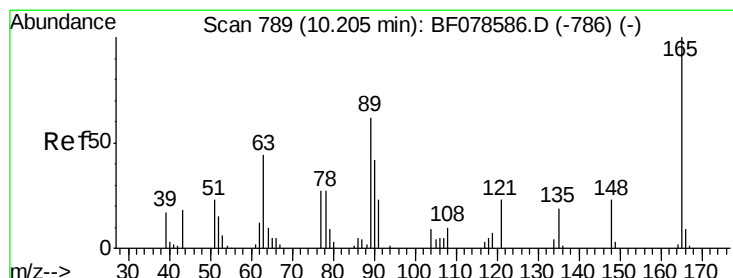
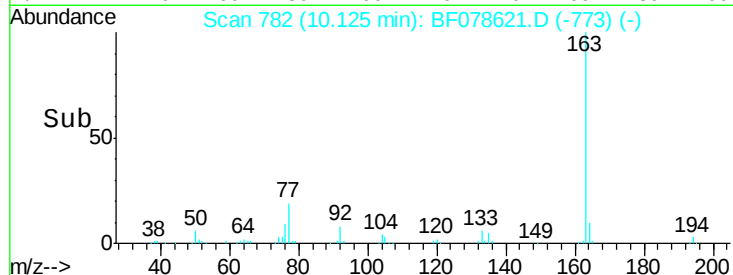
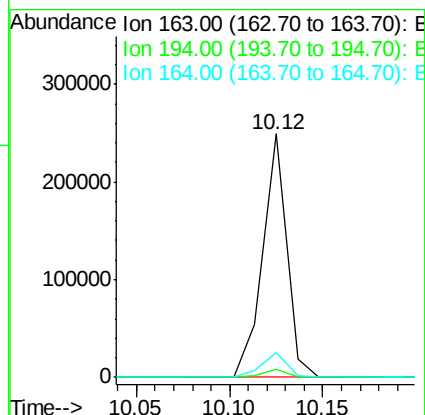
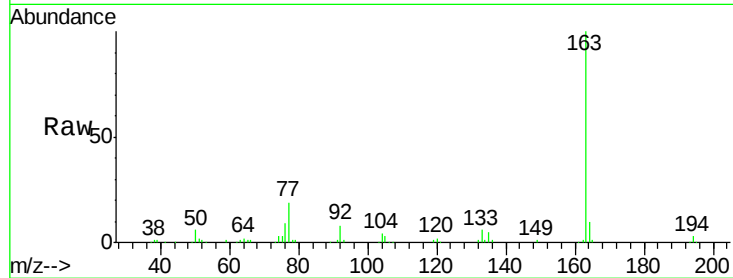




#49
Dimethylphthalate
Concen: 44.85 ng
RT: 10.12 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

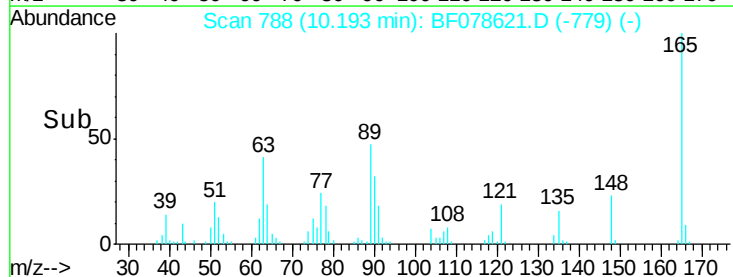
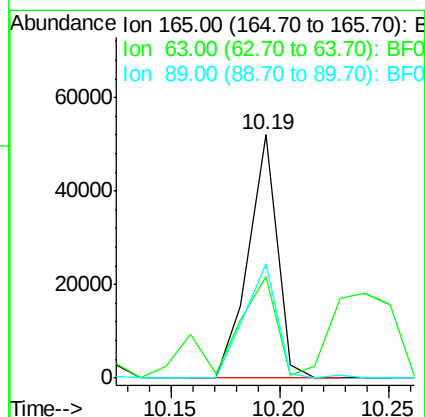
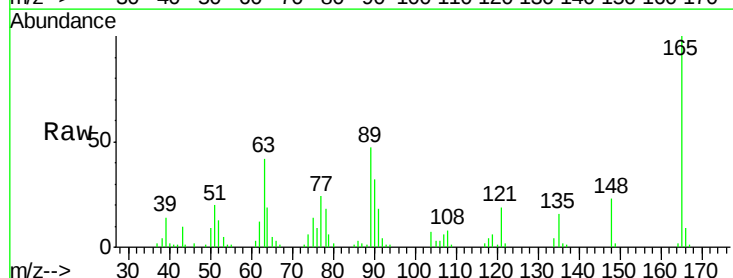
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

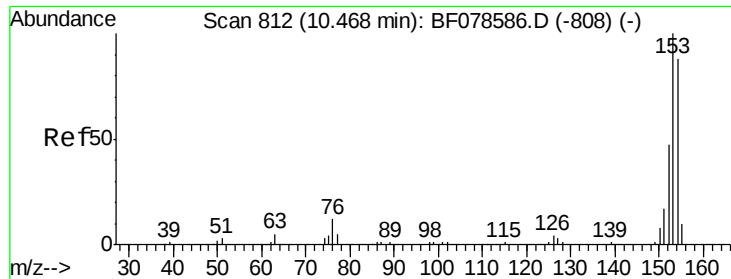
Tgt Ion:163 Resp: 221231
Ion Ratio Lower Upper
163 100
194 3.4 2.3 3.5
164 9.9 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 47.42 ng
RT: 10.19 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:165 Resp: 48127
Ion Ratio Lower Upper
165 100
63 41.9 24.1 36.1#
89 46.9 28.9 43.3#





#51

Acenaphthene

Concen: 43.24 ng

RT: 10.44 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

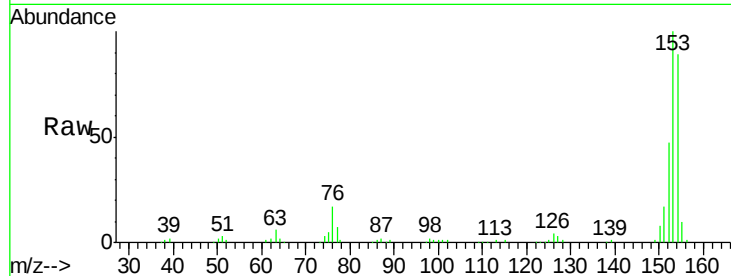
Tgt Ion:154 Resp: 166114

Ion Ratio Lower Upper

154 100

153 111.9 91.4 137.2

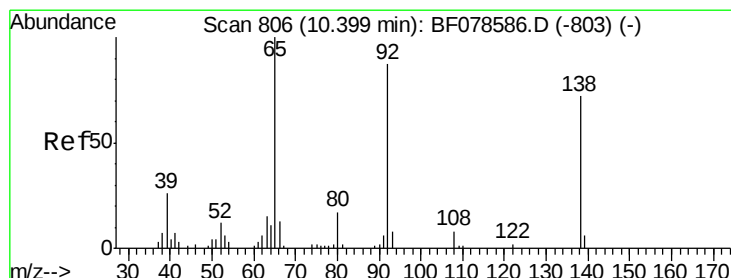
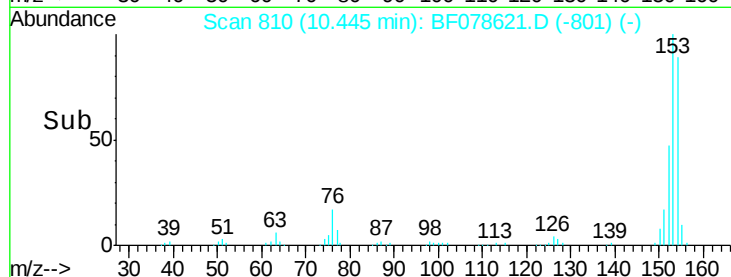
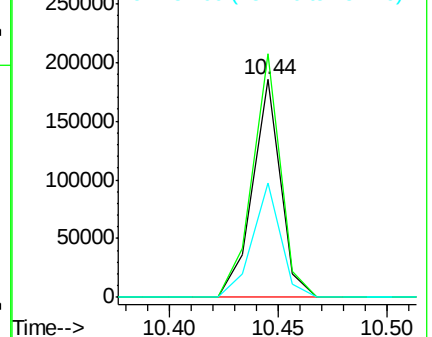
152 52.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 49.97 ng

RT: 10.39 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

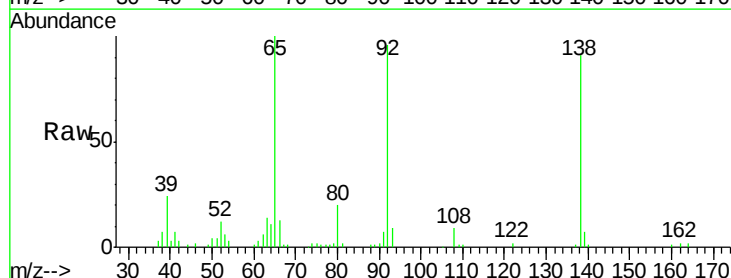
Tgt Ion:138 Resp: 57661

Ion Ratio Lower Upper

138 100

108 10.4 8.2 12.4

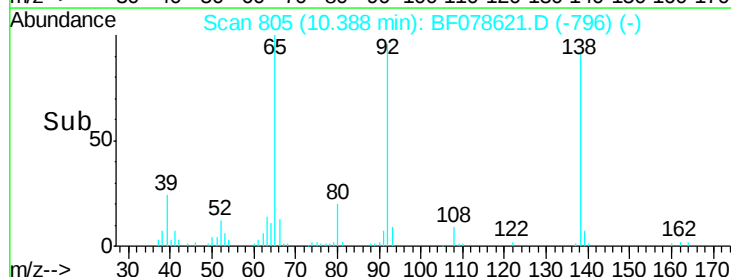
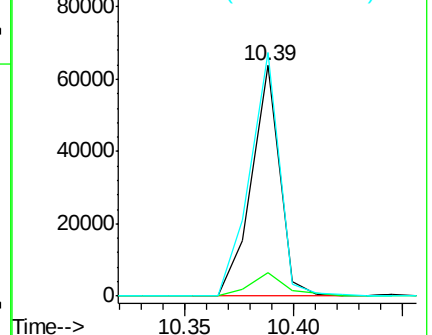
92 105.6 88.4 132.6

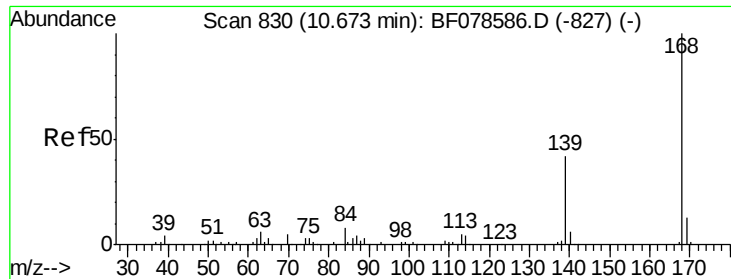


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

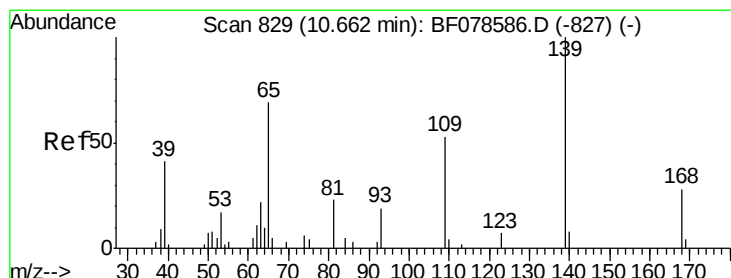
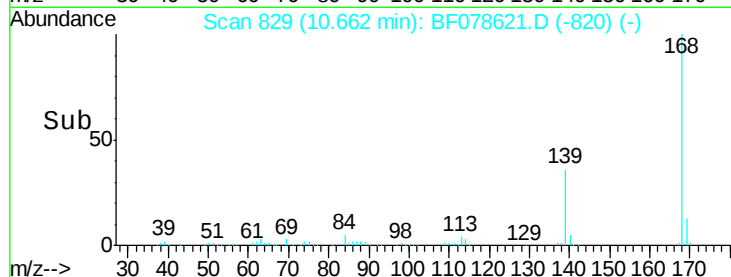
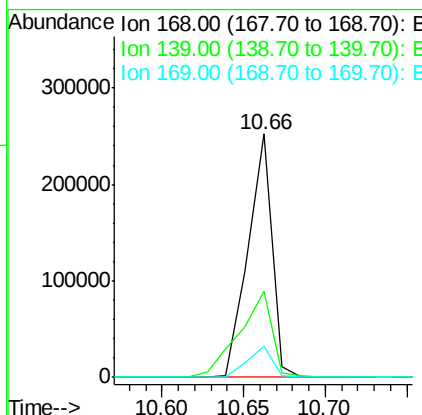
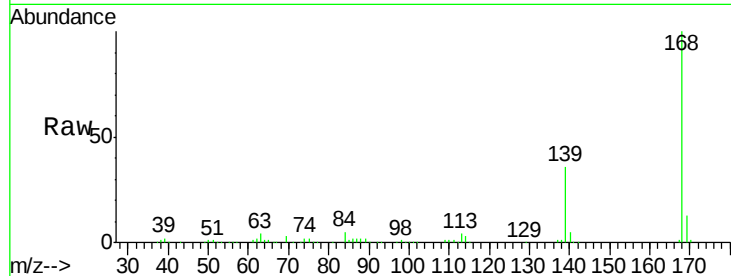




#54
Dibenzenofuran
Concen: 43.83 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

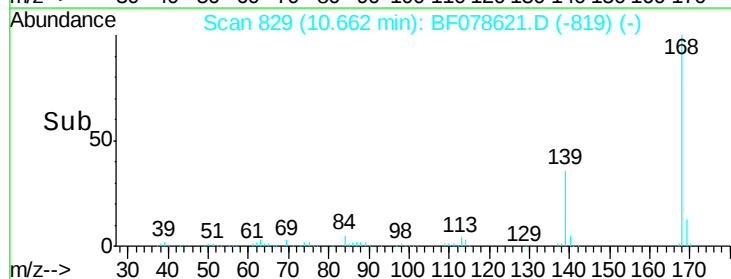
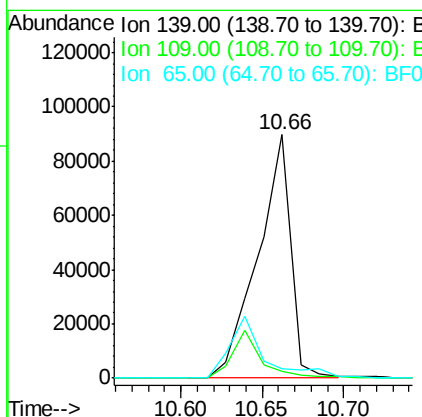
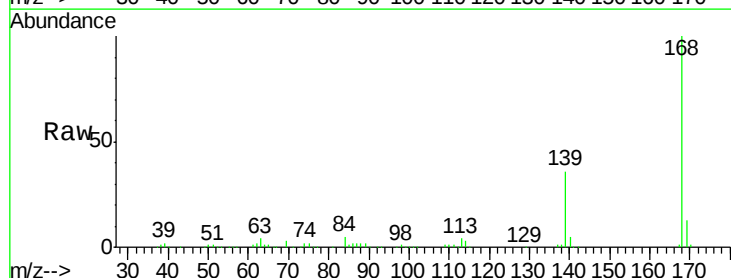
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

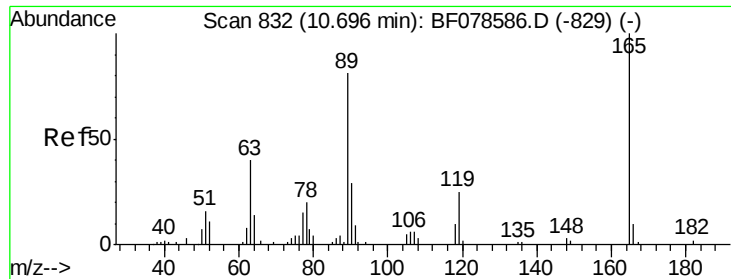
Tgt Ion:168 Resp: 257149
Ion Ratio Lower Upper
168 100
139 35.6 31.0 46.4
169 12.6 10.7 16.1



#55
4-Nitrophenol
Concen: 146.07 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:139 Resp: 126119
Ion Ratio Lower Upper
139 100
109 2.8 36.7 76.7#
65 3.7 49.9 89.9#

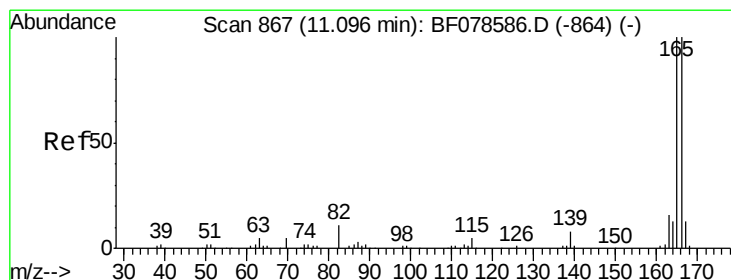
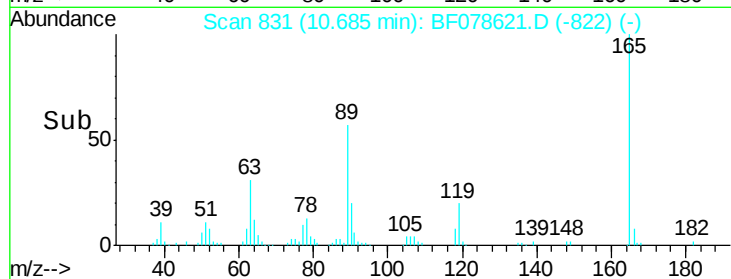
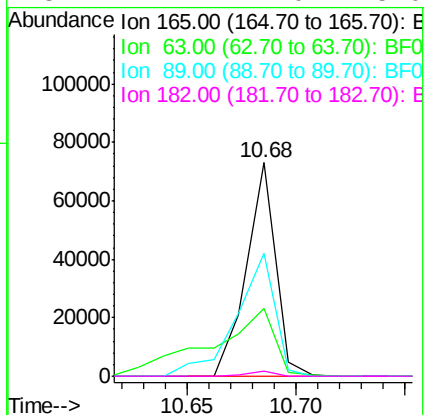
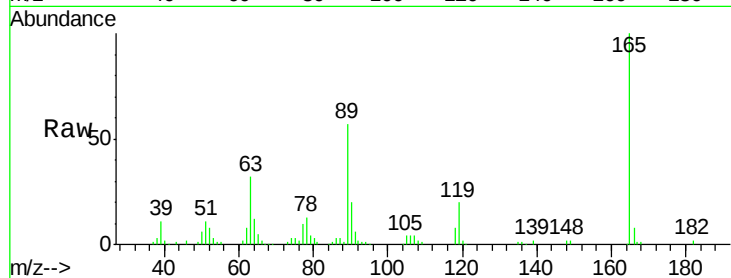




#56
2,4-Dinitrotoluene
Concen: 51.79 ng
RT: 10.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

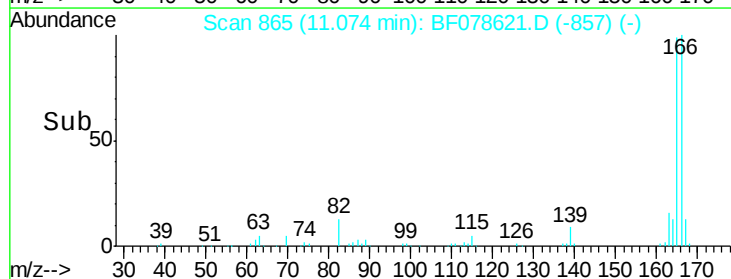
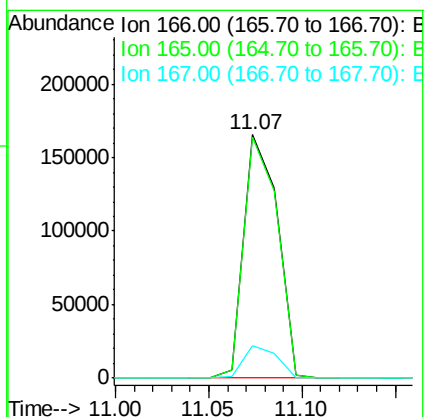
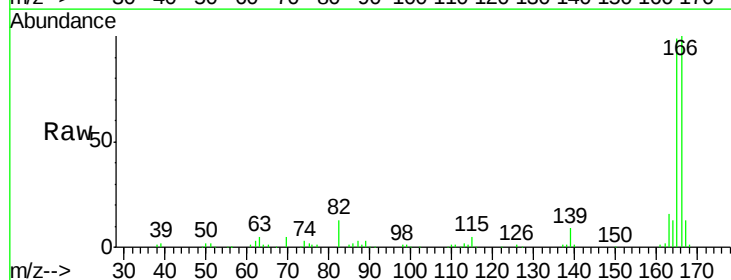
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

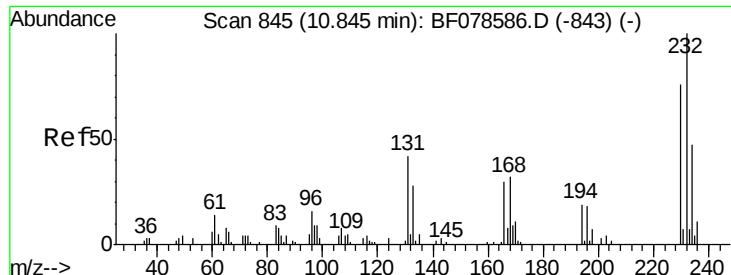
Tgt Ion:165 Resp: 68068
Ion Ratio Lower Upper
165 100
63 31.9 26.5 39.7
89 57.5 46.4 69.6
182 2.4 2.0 3.0



#57
Fluorene
Concen: 43.62 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:166 Resp: 207462
Ion Ratio Lower Upper
166 100
165 98.8 78.9 118.3
167 13.2 10.7 16.1

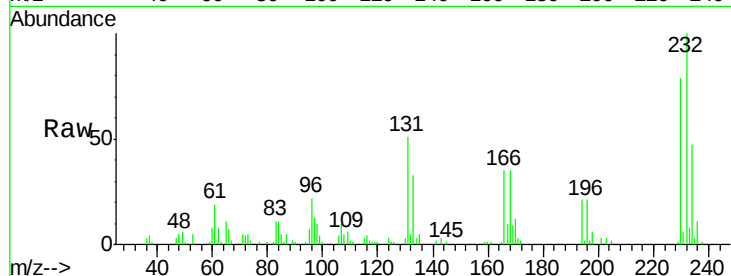




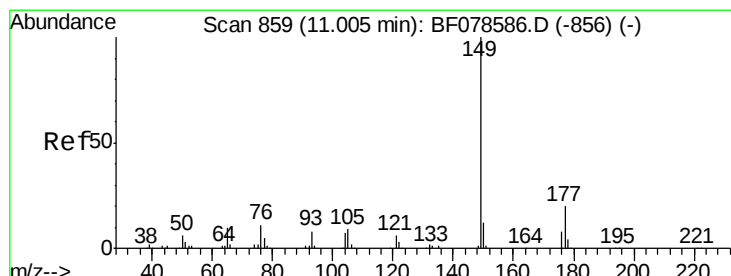
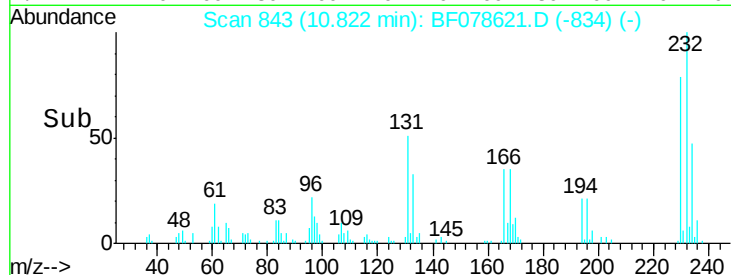
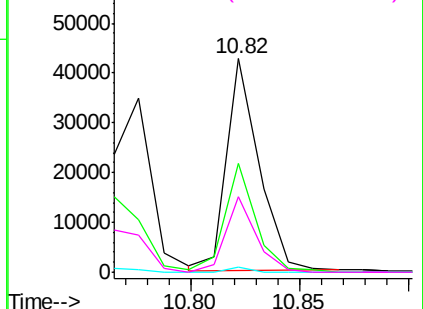
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.87 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:232 Resp: 43593
 Ion Ratio Lower Upper
 232 100
 131 49.5 37.8 56.8
 130 1.8 1.5 2.3
 166 33.9 25.8 38.6

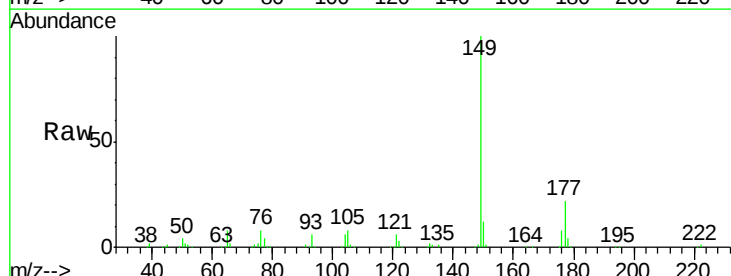


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

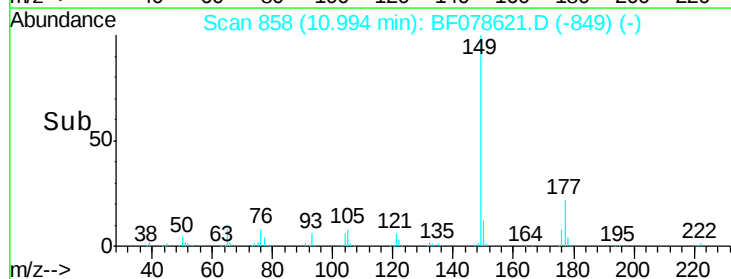
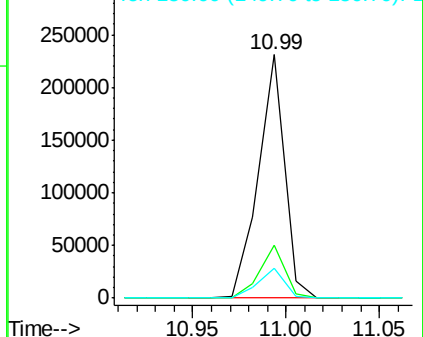


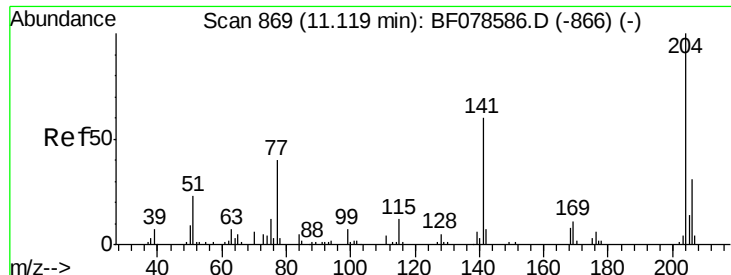
#59
 Diethylphthalate
 Concen: 46.90 ng
 RT: 10.99 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:149 Resp: 223053
 Ion Ratio Lower Upper
 149 100
 177 21.5 17.4 26.2
 150 12.2 9.4 14.2



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

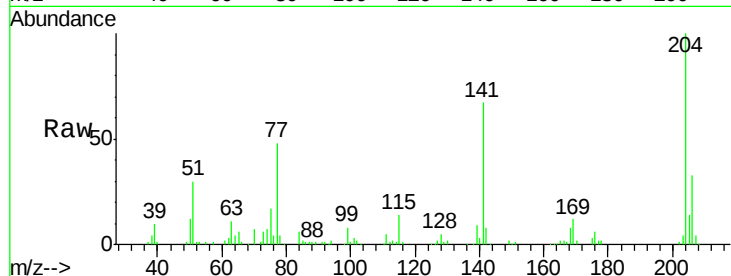




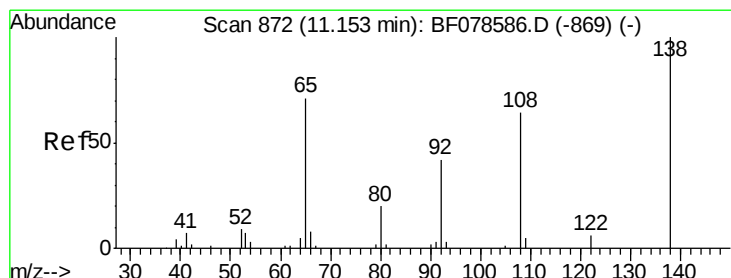
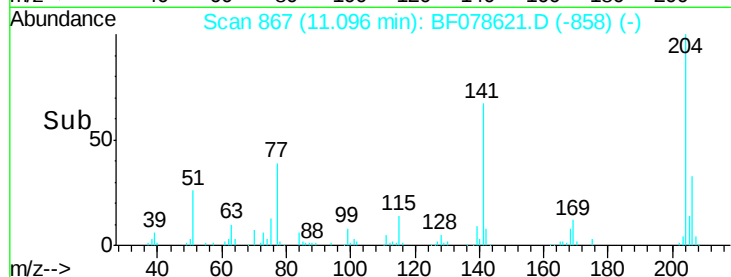
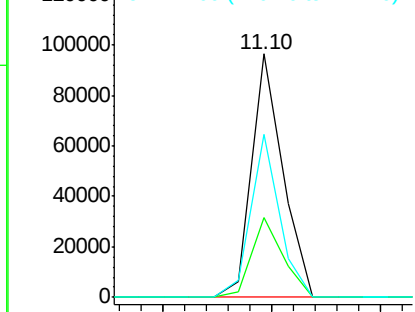
#60
 4-Chlorophenyl-phenylether
 Concen: 44.04 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 204 Resp: 96364
 Ion Ratio Lower Upper
 204 100
 206 32.8 25.6 38.4
 141 67.0 35.4 53.0#

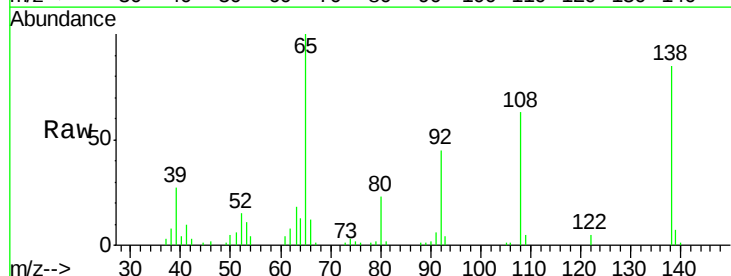


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

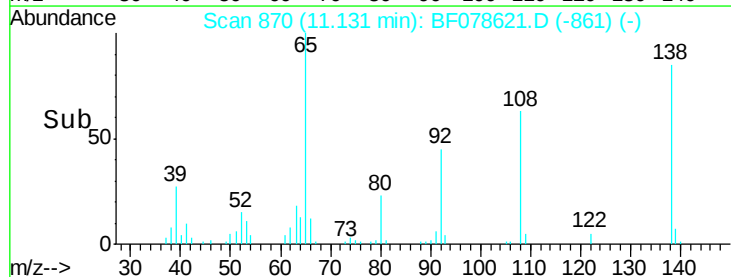
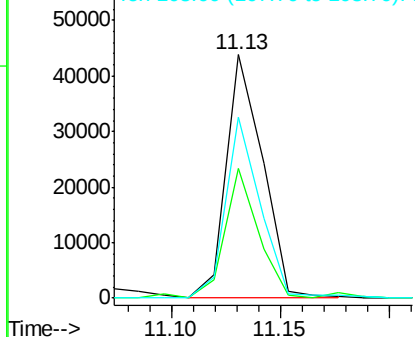


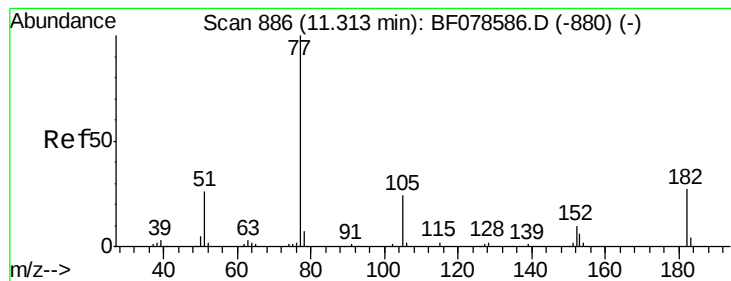
#61
 4-Nitroaniline
 Concen: 43.68 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion: 138 Resp: 50953
 Ion Ratio Lower Upper
 138 100
 92 53.2 27.3 67.3
 108 74.3 47.2 87.2



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





#62

Azobenzene

Concen: 49.64 ng

RT: 11.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 215469

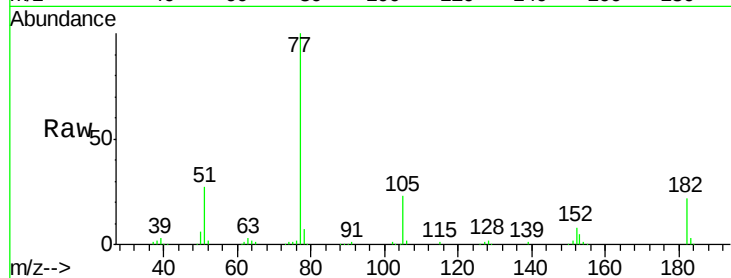
Ion Ratio Lower Upper

77 100

182 22.4 0.0 36.8

105 22.6 0.3 40.3

51 27.0 9.1 49.1

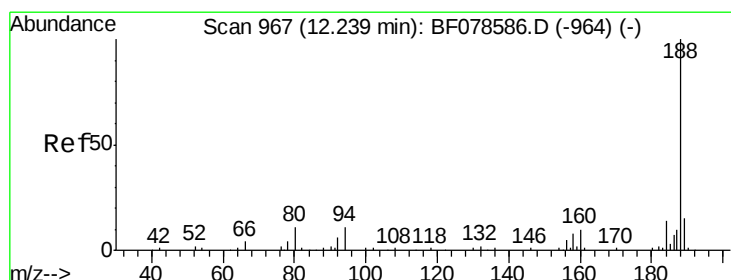
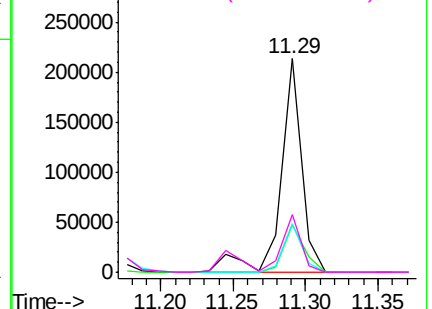
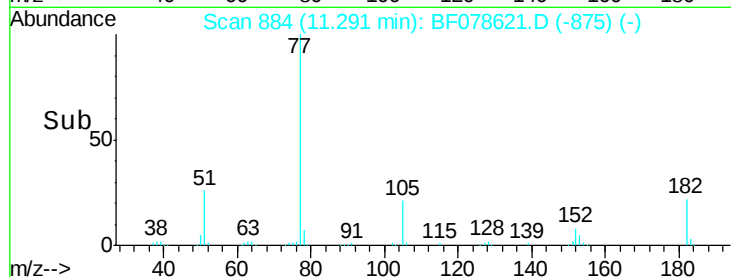


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

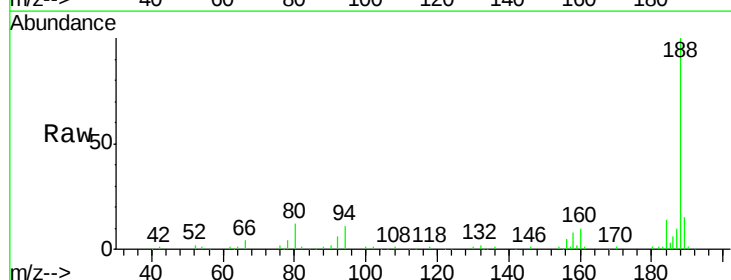
Tgt Ion: 188 Resp: 137451

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

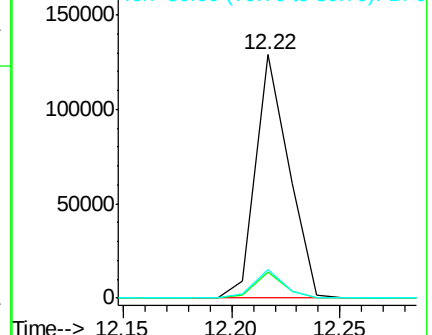
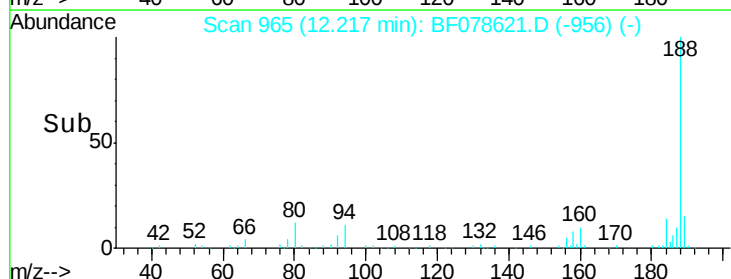
80 11.6 9.5 14.3

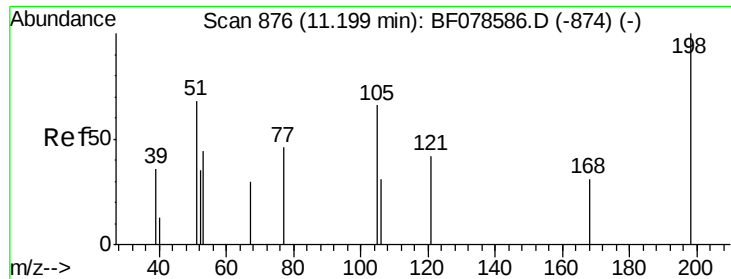


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

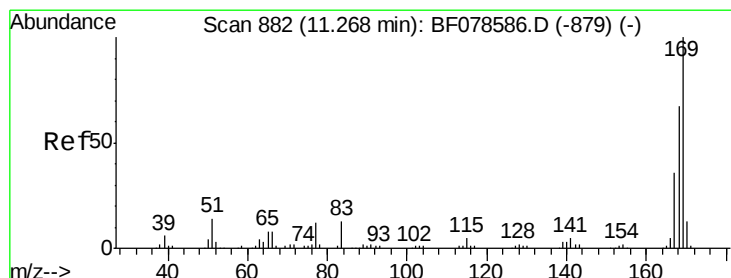
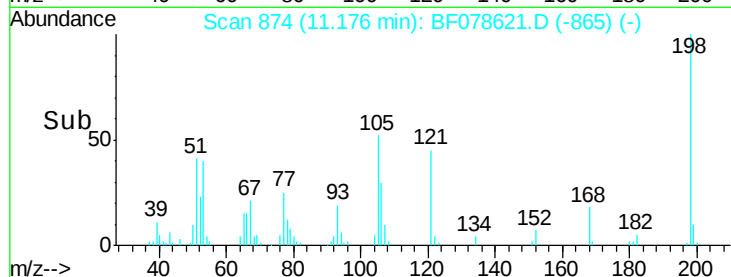
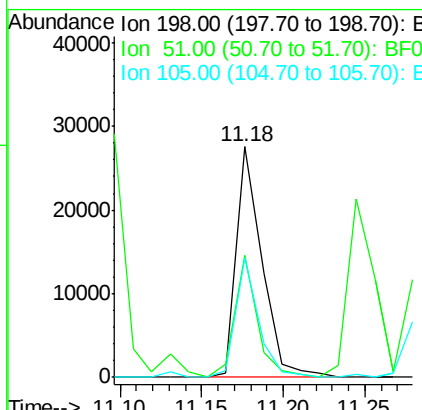
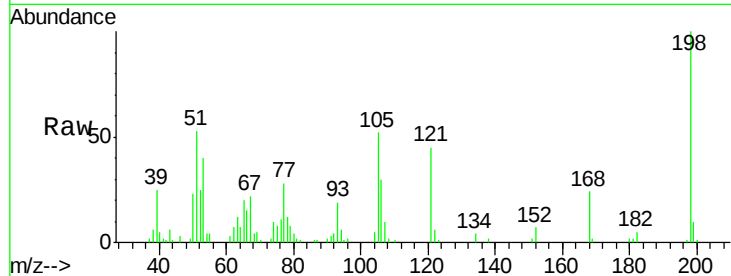




#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.29 ng
 RT: 11.18 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

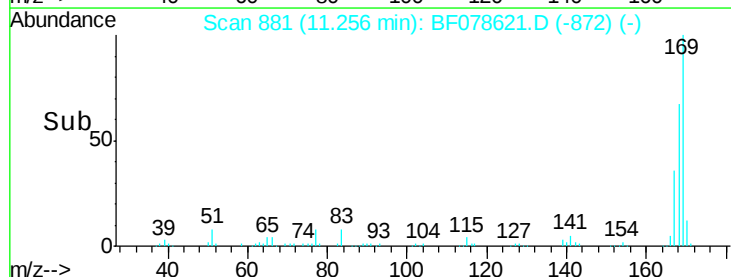
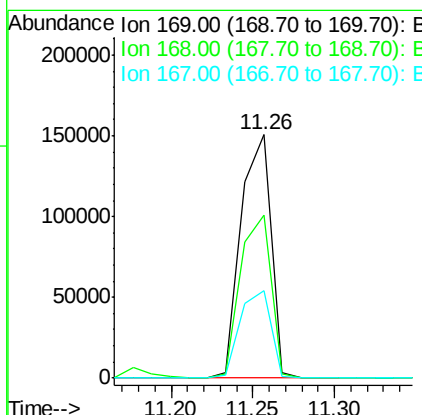
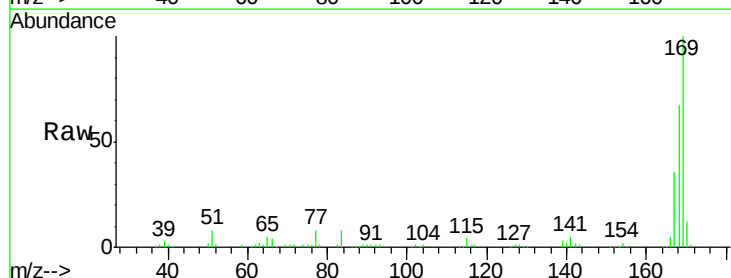
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

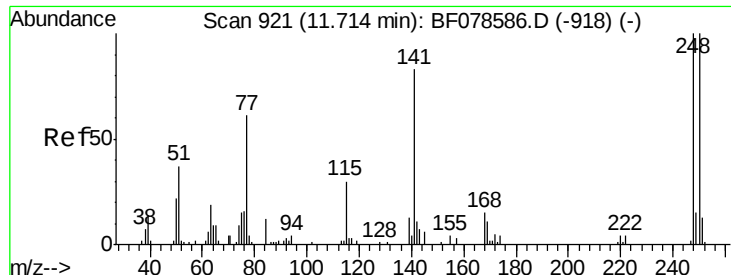
Tgt Ion:198 Resp: 29673
 Ion Ratio Lower Upper
 198 100
 51 52.7 48.6 88.6
 105 52.0 45.8 85.8



#65
 n-Nitrosodiphenylamine
 Concen: 40.21 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:169 Resp: 191173
 Ion Ratio Lower Upper
 169 100
 168 67.1 55.0 82.4
 167 36.2 29.3 43.9

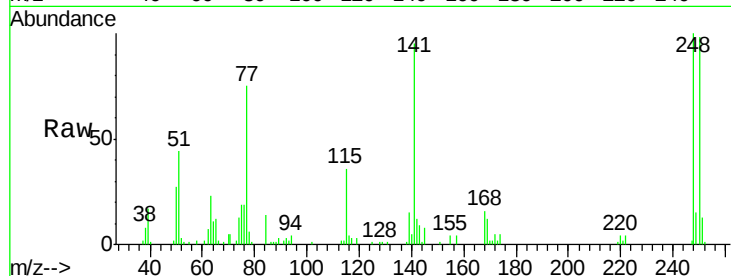




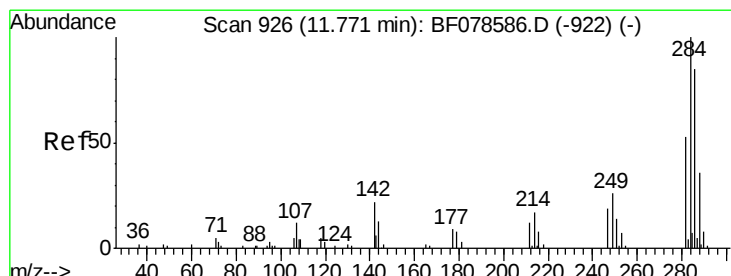
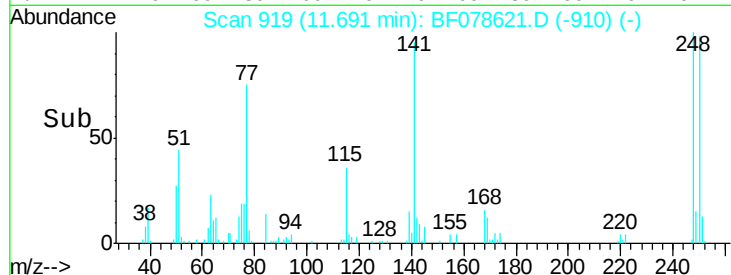
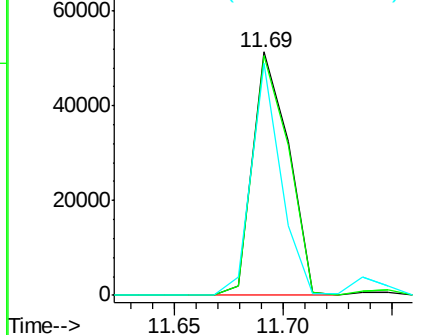
#66
 4-Bromophenyl-phenylether
 Concen: 40.81 ng
 RT: 11.69 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:248 Resp: 59399
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.2 117.2
 141 95.3 66.4 99.6

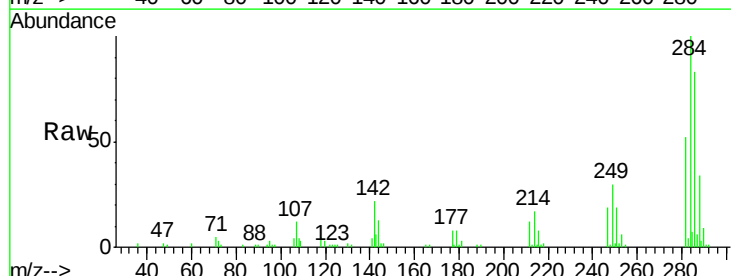


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

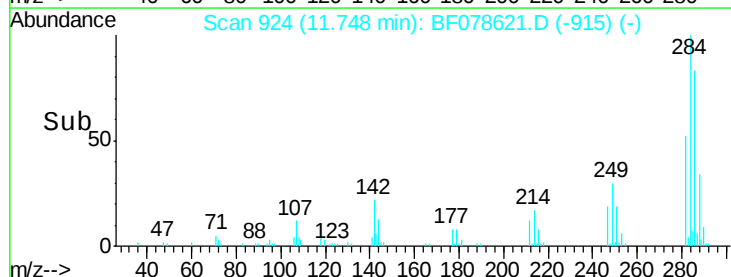
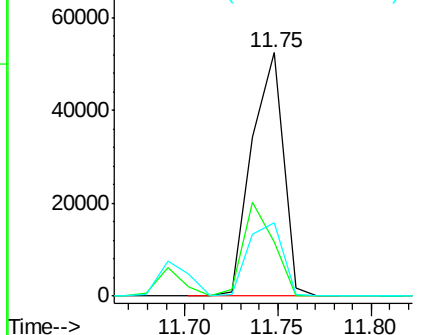


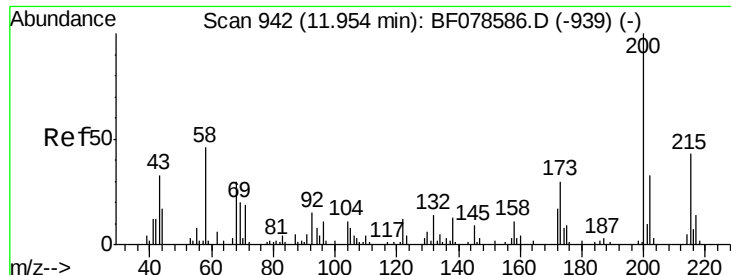
#67
 Hexachlorobenzene
 Concen: 38.58 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF078621.D
 Acq: 18 Apr 2015 00:32

Tgt Ion:284 Resp: 61541
 Ion Ratio Lower Upper
 284 100
 142 22.3 24.5 36.7#
 249 29.9 24.8 37.2



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





#68

Atrazine

Concen: 40.45 ng

RT: 11.93 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

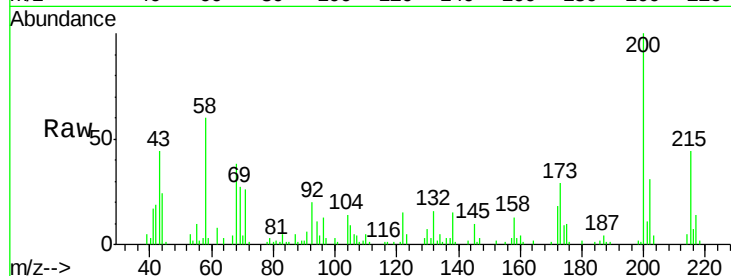
Tgt Ion:200 Resp: 55697

Ion Ratio Lower Upper

200 100

173 29.1 6.9 46.9

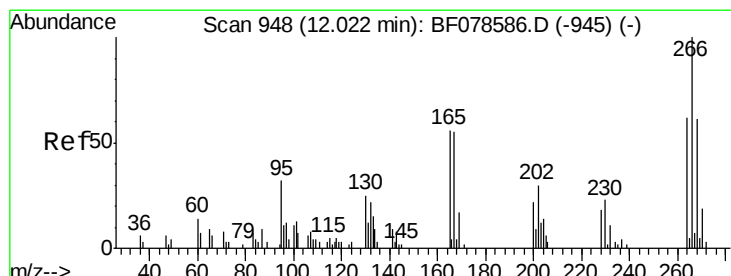
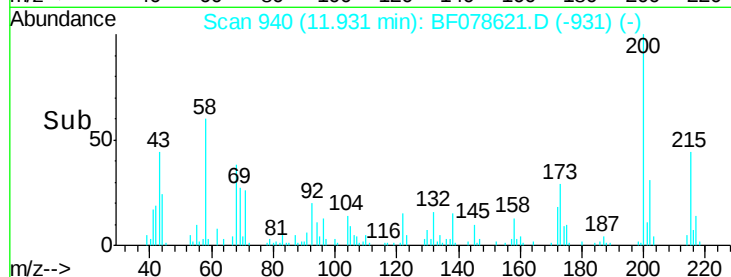
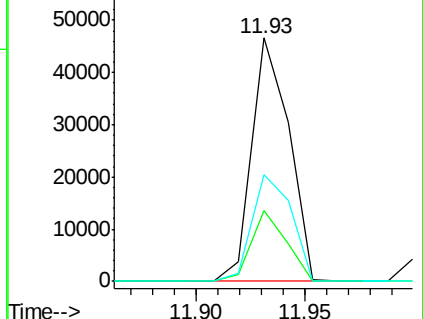
215 43.6 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 40.59 ng

RT: 12.00 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

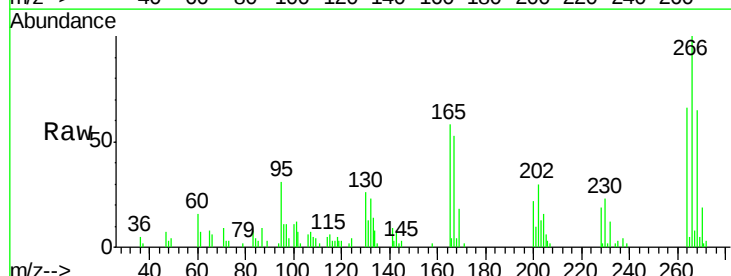
Tgt Ion:266 Resp: 25721

Ion Ratio Lower Upper

266 100

268 64.6 50.1 75.1

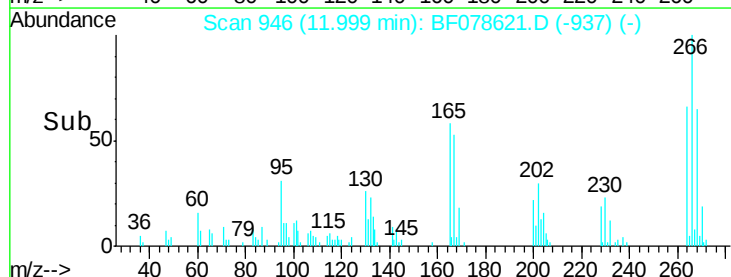
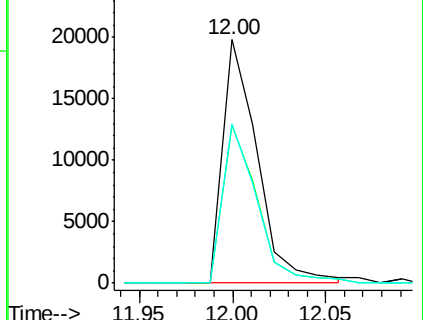
264 65.5 50.0 75.0

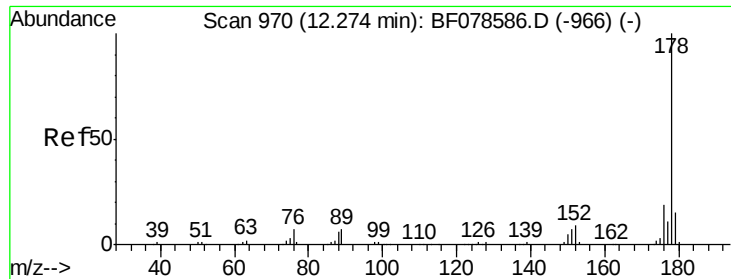


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

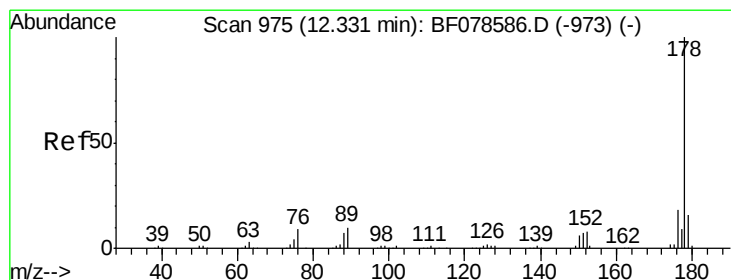
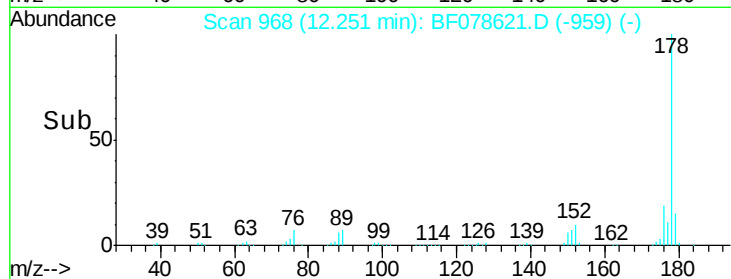
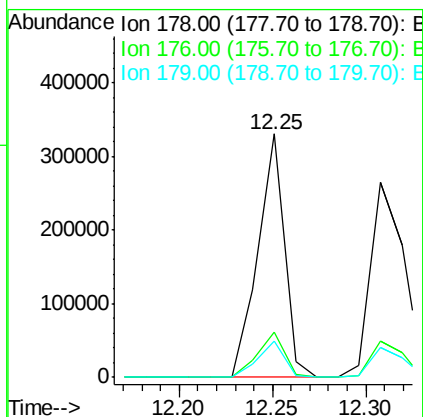
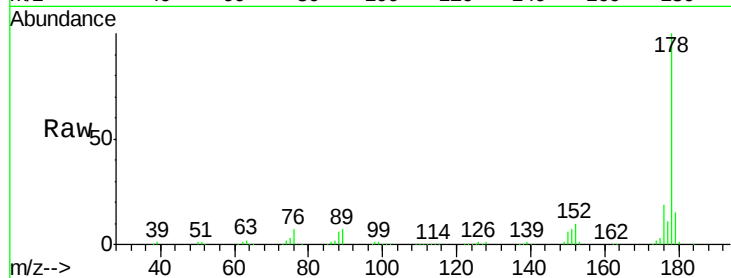




#70
Phenanthrene
Concen: 40.91 ng
RT: 12.25 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

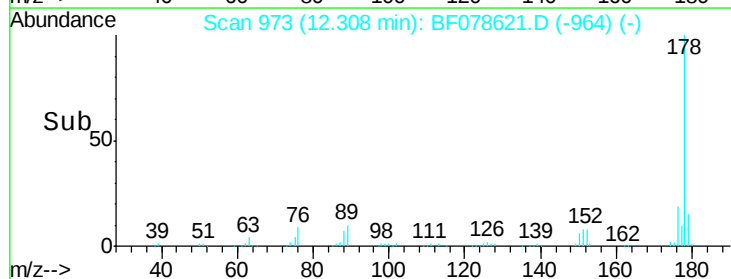
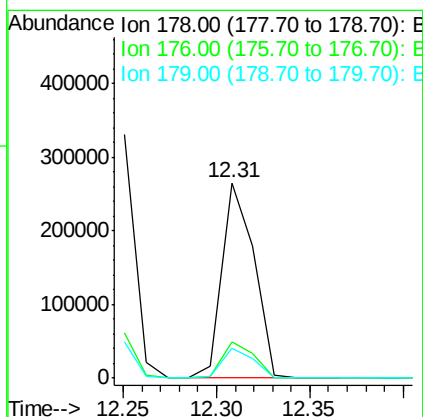
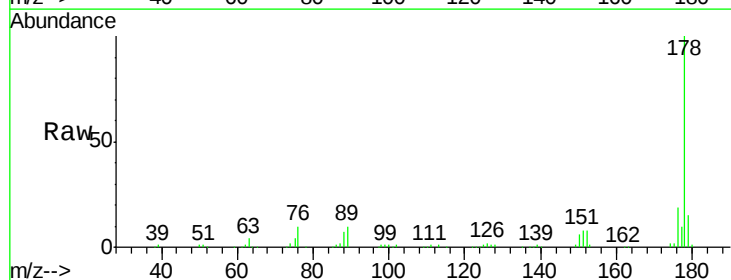
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

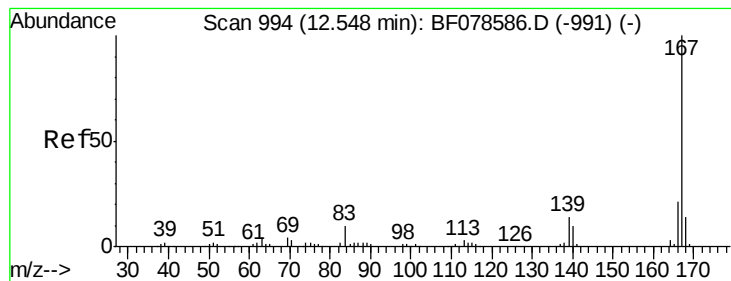
Tgt Ion:178 Resp: 325229
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.1 12.2 18.2



#71
Anthracene
Concen: 40.64 ng
RT: 12.31 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:178 Resp: 318375
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.4 18.6





#72

Carbazole

Concen: 42.29 ng

RT: 12.53 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

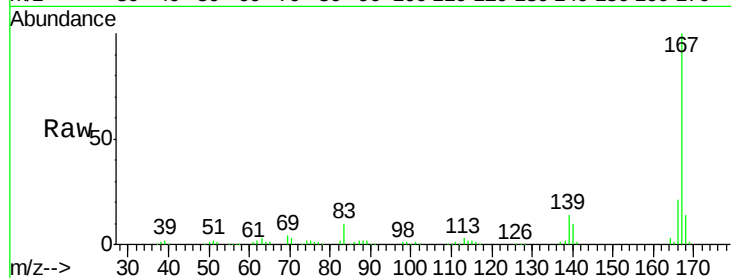
Tgt Ion:167 Resp: 310519

Ion Ratio Lower Upper

167 100

166 21.3 16.8 25.2

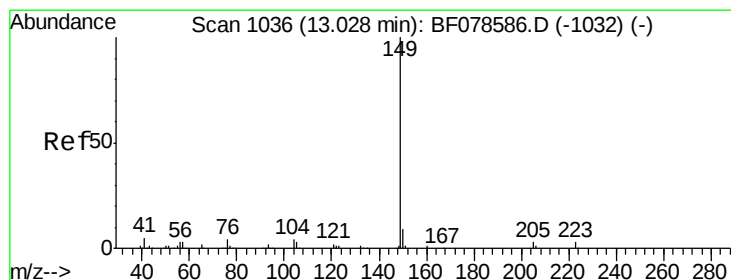
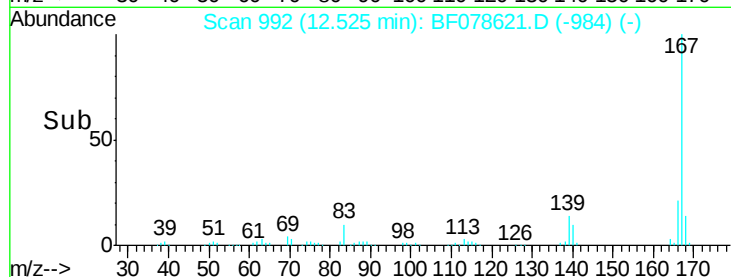
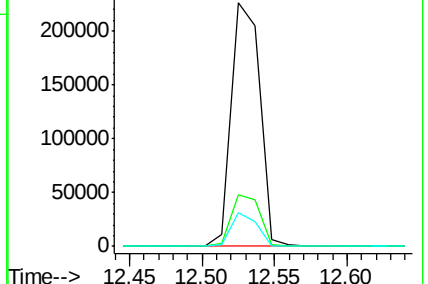
139 13.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.18 ng

RT: 13.01 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

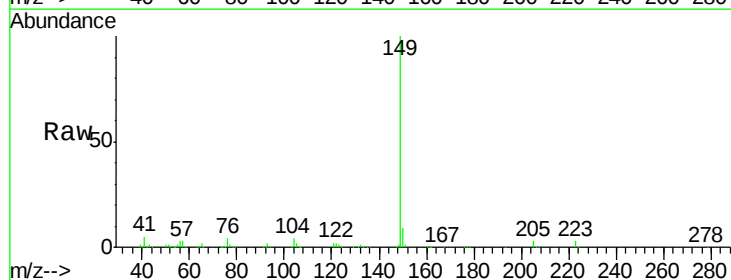
Tgt Ion:149 Resp: 409097

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

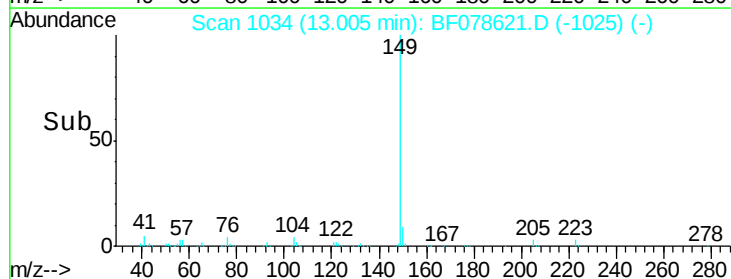
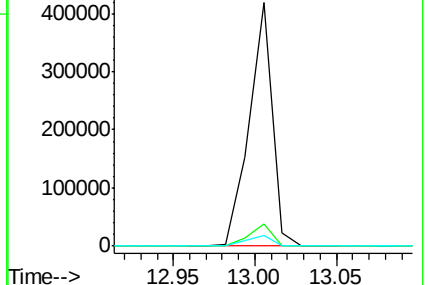
104 4.1 3.8 5.6

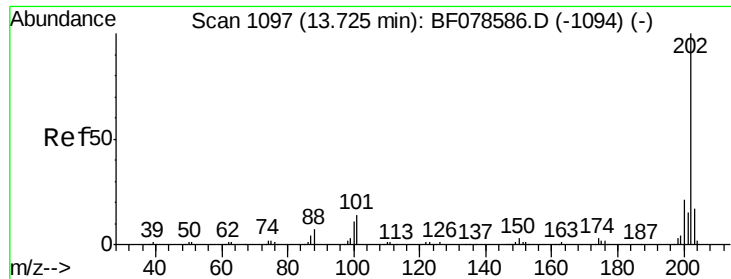


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 41.51 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

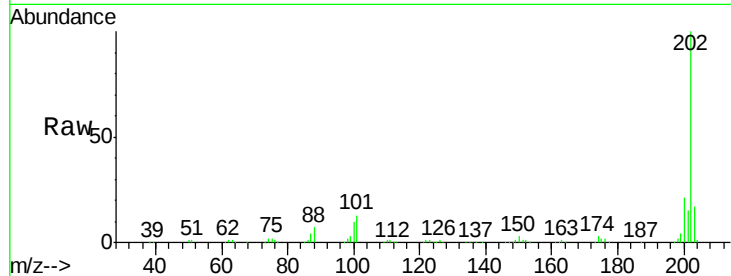
Tgt Ion:202 Resp: 348085

Ion Ratio Lower Upper

202 100

101 13.5 0.0 35.2

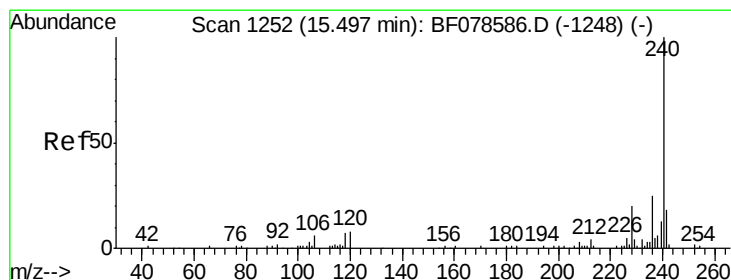
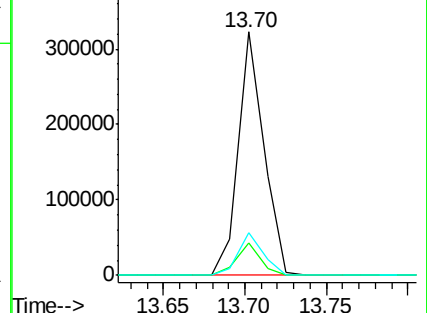
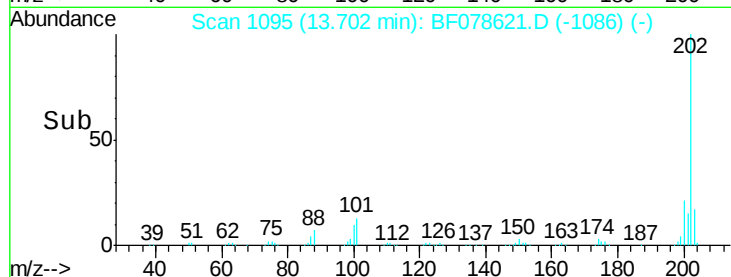
203 17.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

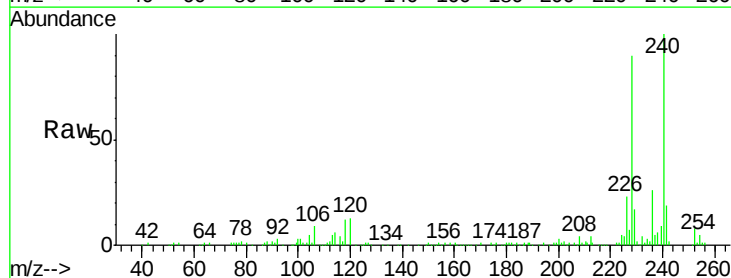
Tgt Ion:240 Resp: 151460

Ion Ratio Lower Upper

240 100

120 13.5 7.1 10.7#

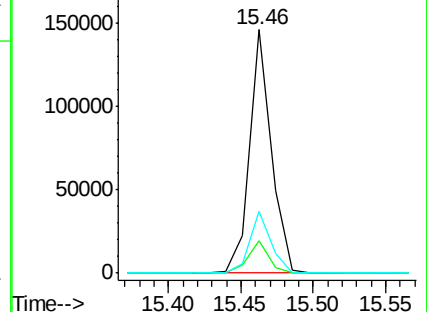
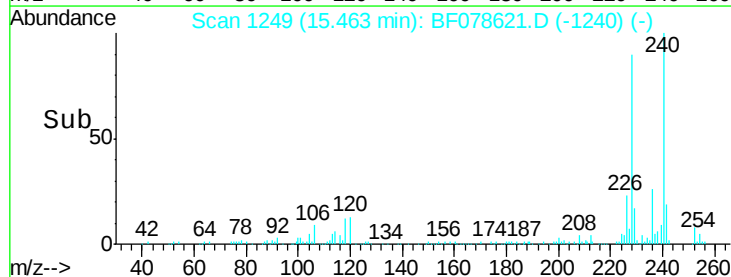
236 25.6 21.4 32.2

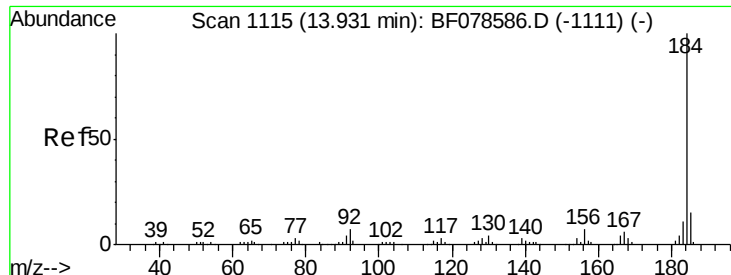


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

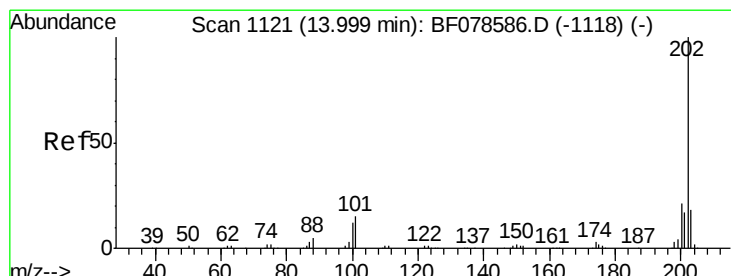
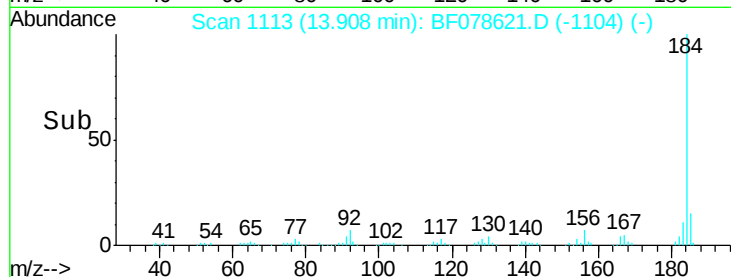
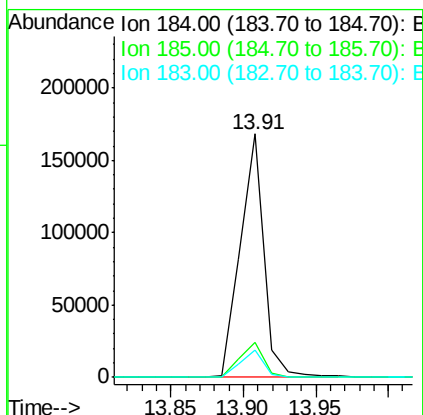
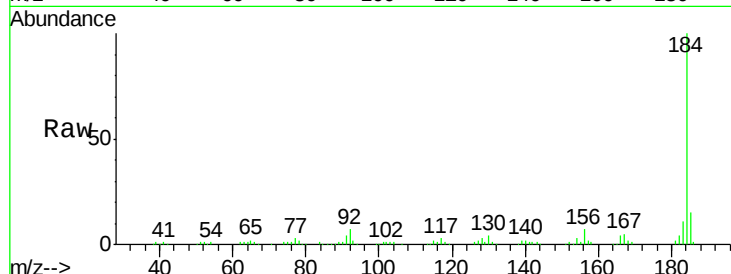




#76
Benzidine
Concen: 32.77 ng
RT: 13.91 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

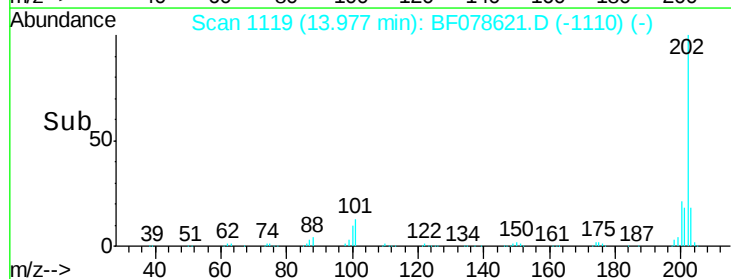
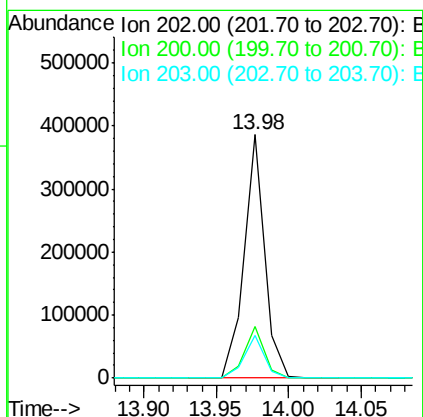
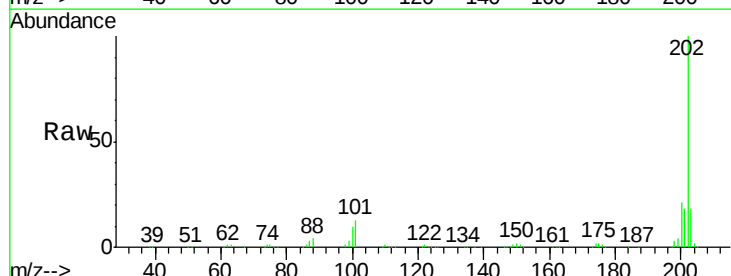
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

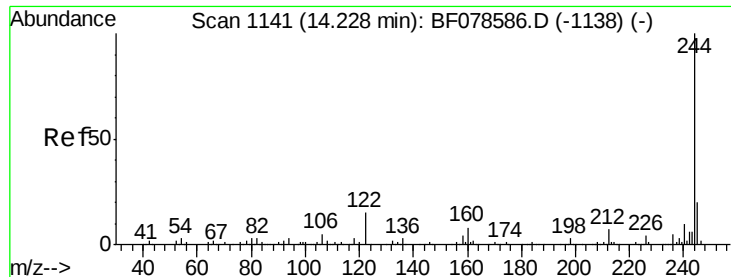
Tgt Ion:184 Resp: 191114
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 11.4 9.5 14.3



#77
Pyrene
Concen: 39.98 ng
RT: 13.98 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion:202 Resp: 380085
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 17.7 13.8 20.6





#78

Terphenyl-d14

Concen: 79.25 ng

RT: 14.21 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

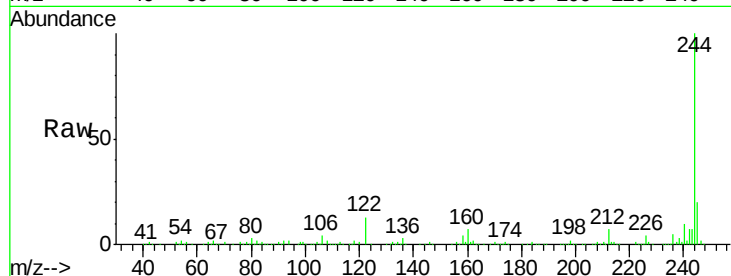
Tgt Ion:244 Resp: 531172

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

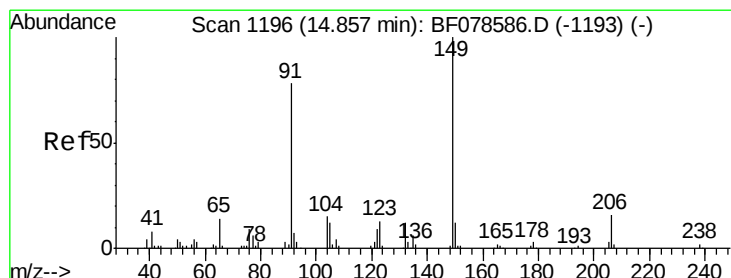
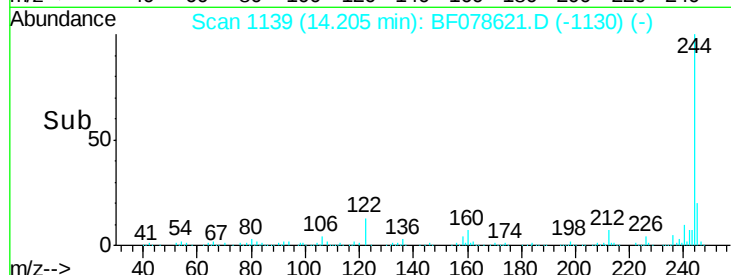
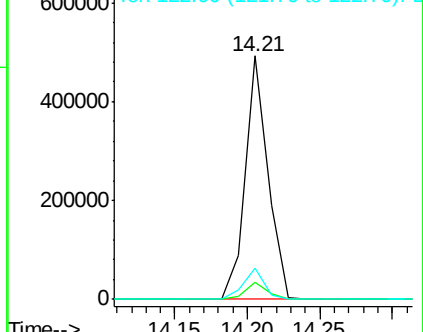
122 12.8 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 51.48 ng

RT: 14.83 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

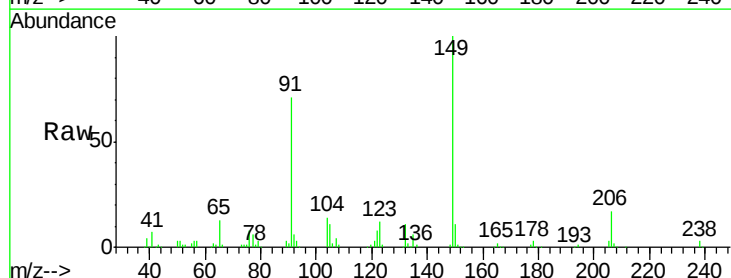
Tgt Ion:149 Resp: 186571

Ion Ratio Lower Upper

149 100

91 70.8 64.2 96.2

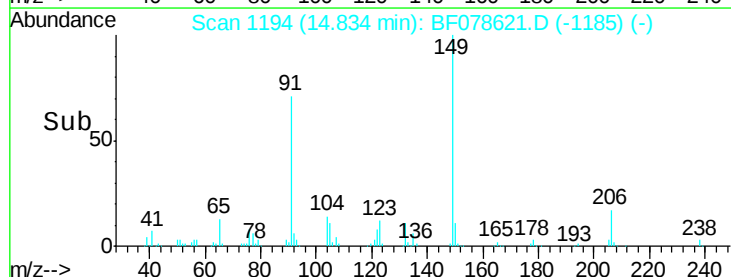
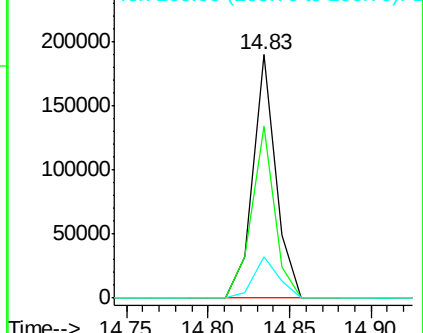
206 17.1 12.6 18.8

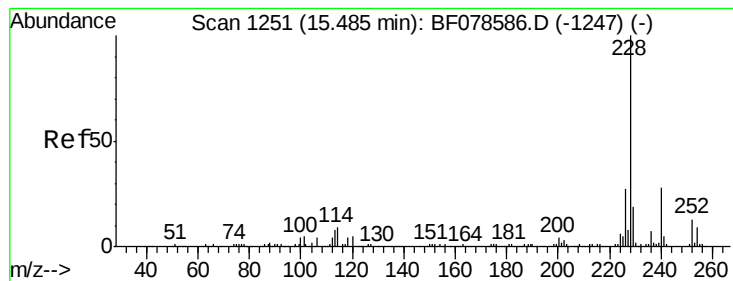


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.64 ng

RT: 15.45 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

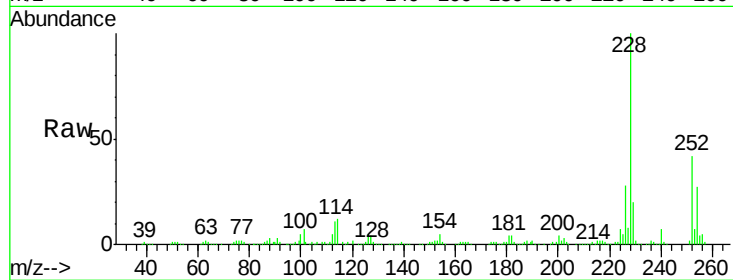
Tgt Ion:228 Resp: 366255

Ion Ratio Lower Upper

228 100

226 28.3 21.3 31.9

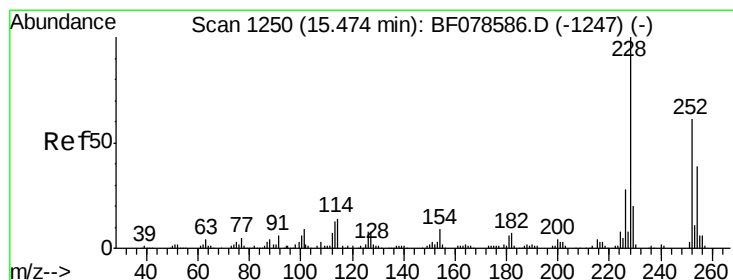
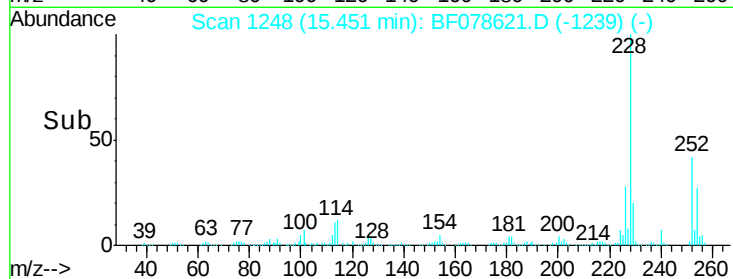
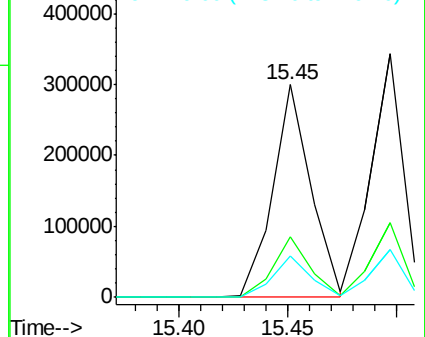
229 19.7 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 44.09 ng

RT: 15.45 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

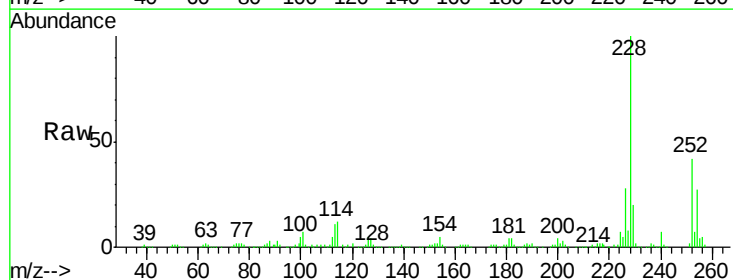
Tgt Ion:252 Resp: 133059

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

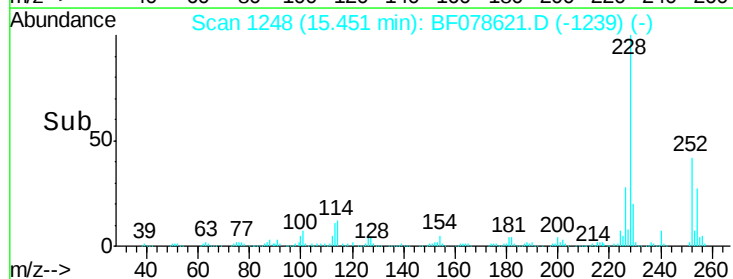
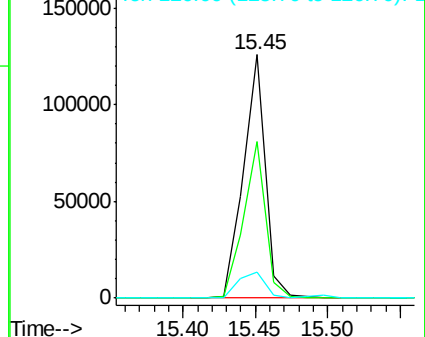
126 10.9 6.3 9.5#

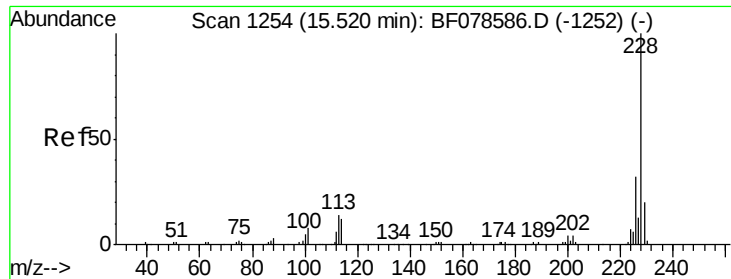


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.04 ng

RT: 15.50 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

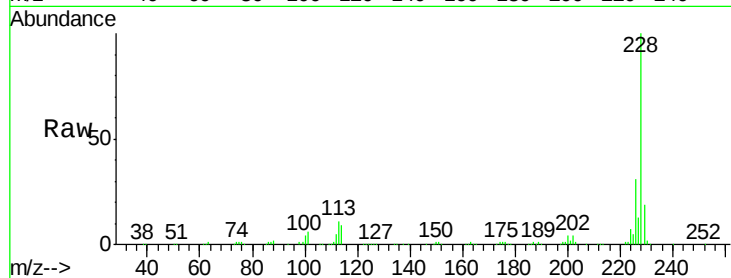
Tgt Ion:228 Resp: 355987

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

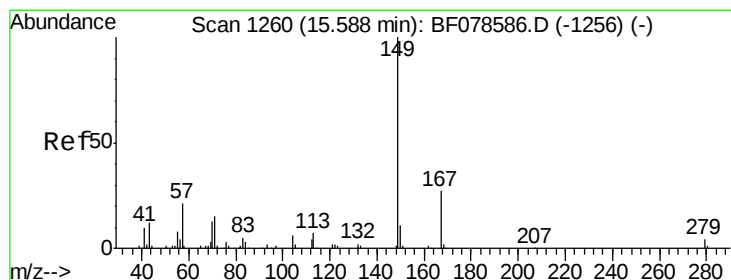
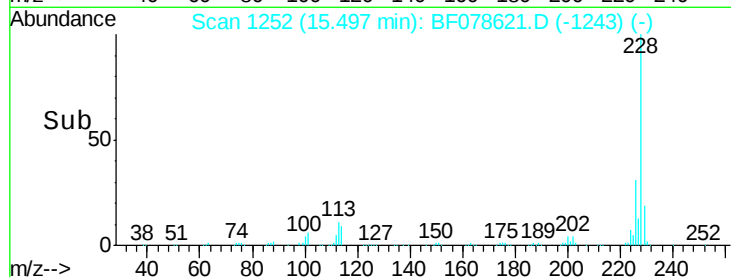
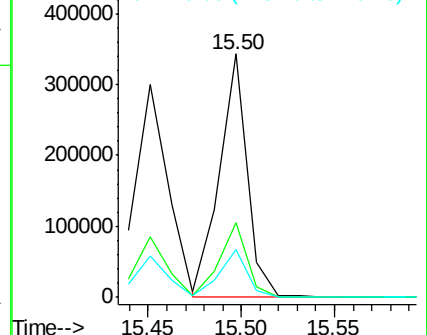
229 19.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.87 ng

RT: 15.55 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

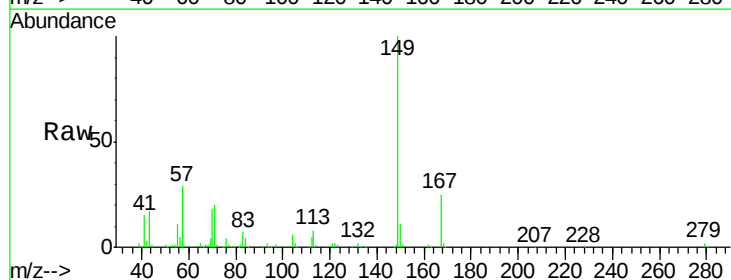
Tgt Ion:149 Resp: 283438

Ion Ratio Lower Upper

149 100

167 25.3 22.2 33.2

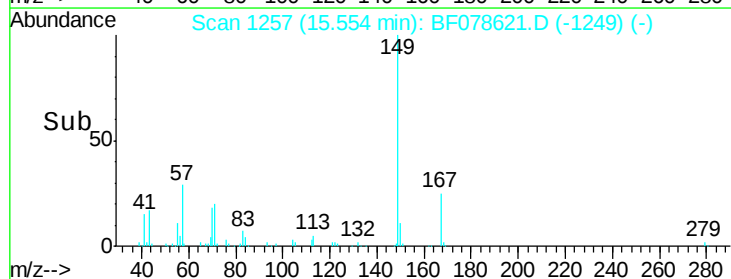
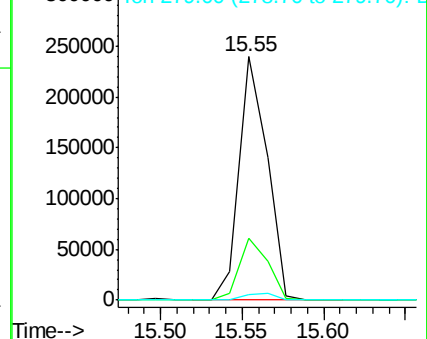
279 2.4 3.2 4.8#

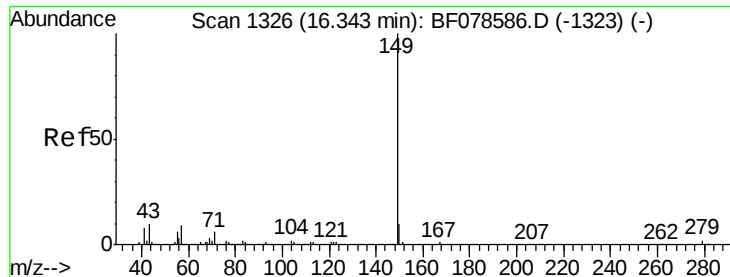


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.56 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

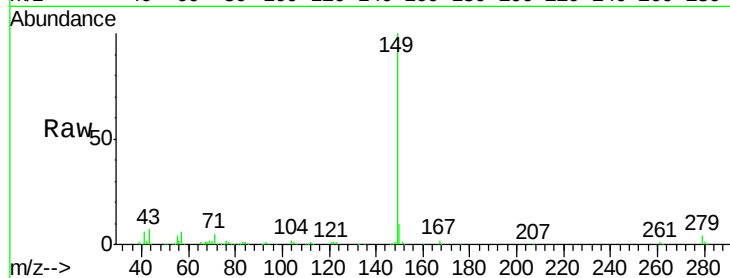
Tgt Ion:149 Resp: 499845

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 9.5 0.0 0.0#

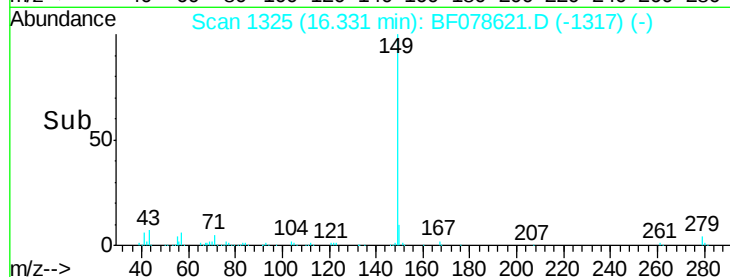


Abundance Ion 149.00 (148.70 to 149.70): E

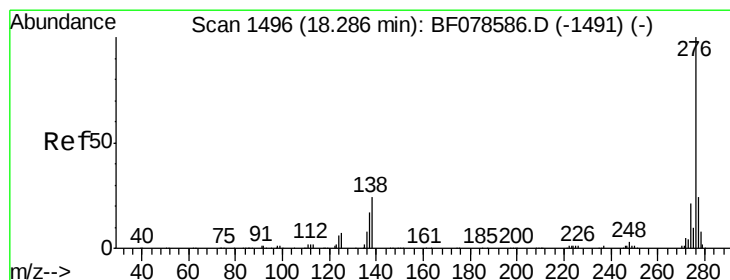
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

16.33



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.23 ng

RT: 18.29 min Scan# 1496

Delta R.T. -0.06 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

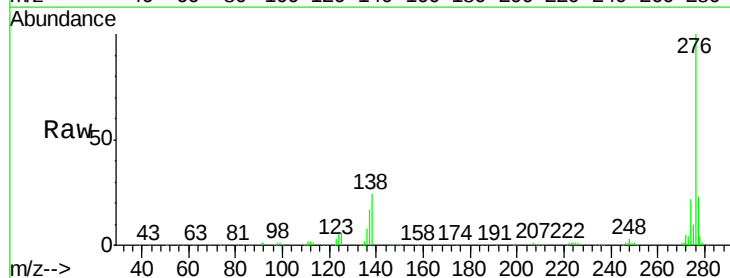
Tgt Ion:276 Resp: 444122

Ion Ratio Lower Upper

276 100

138 27.4 16.9 25.3#

277 24.6 15.8 23.6#

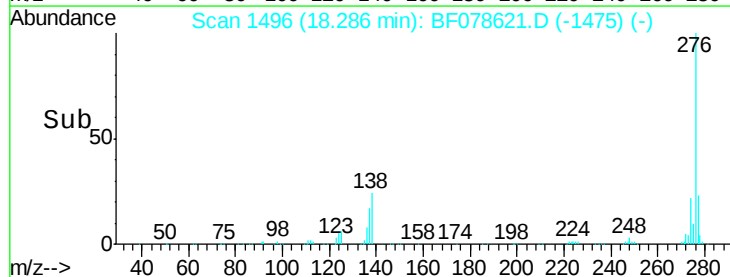


Abundance Ion 276.00 (275.70 to 276.70): E

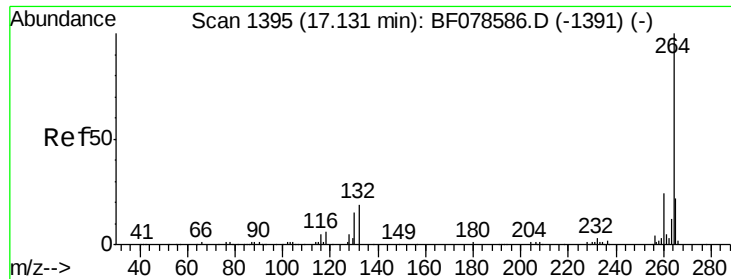
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

18.29



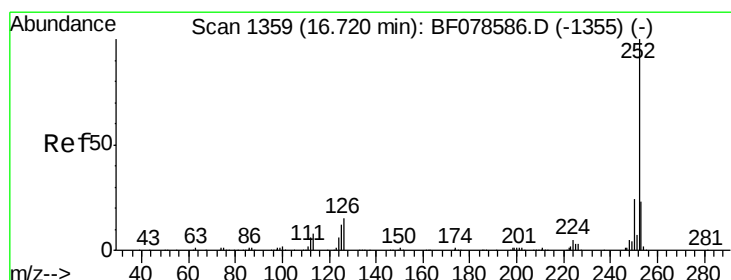
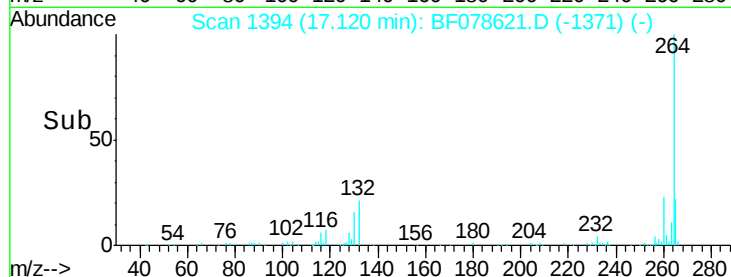
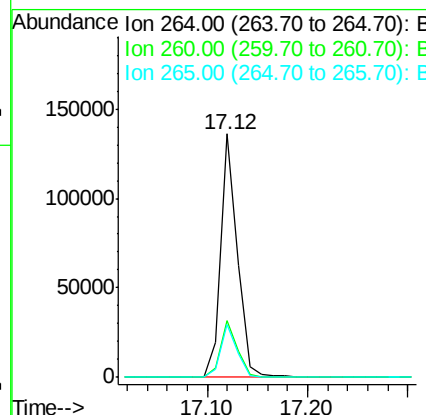
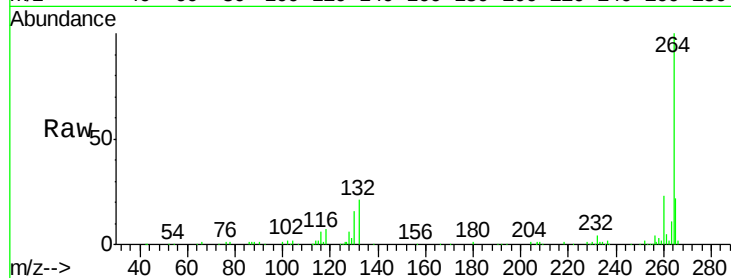
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

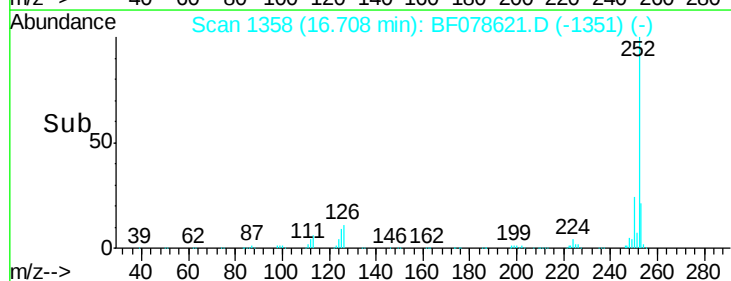
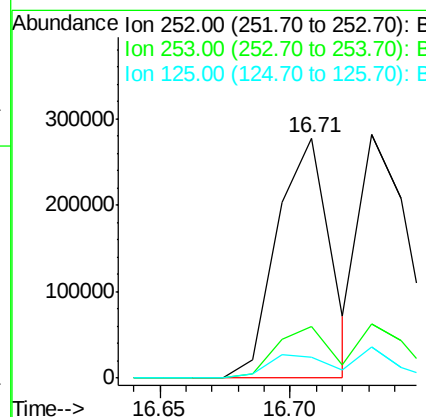
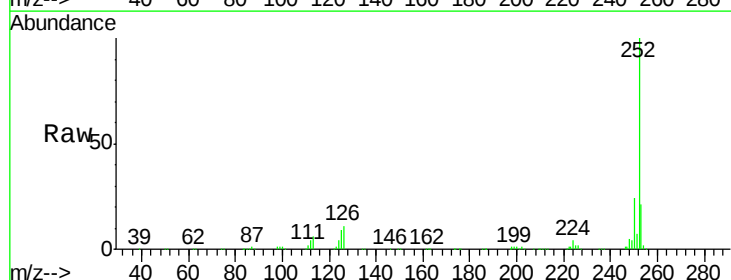
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

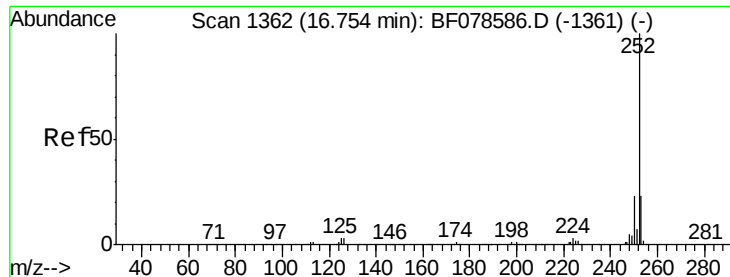
Tgt Ion: 264 Resp: 156329
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.6 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 40.61 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion: 252 Resp: 392332
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.5 7.0 10.4





#88

Benzo(k)fluoranthene

Concen: 45.69 ng

RT: 16.71 min Scan# 1358

Delta R.T. -0.05 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

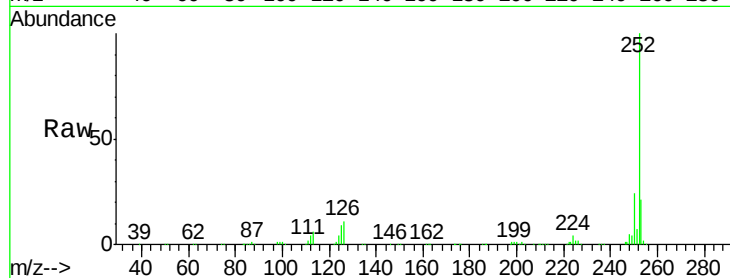
Tgt Ion:252 Resp: 392332

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

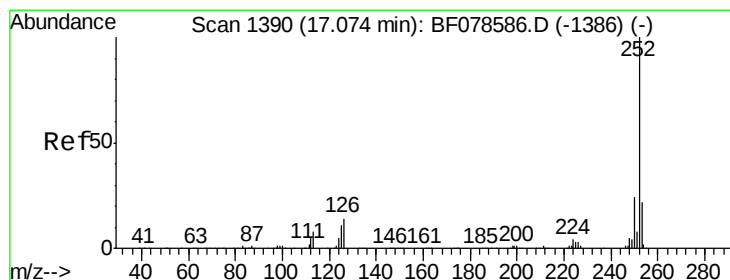
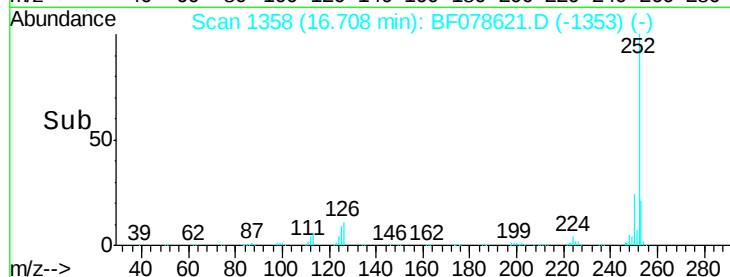
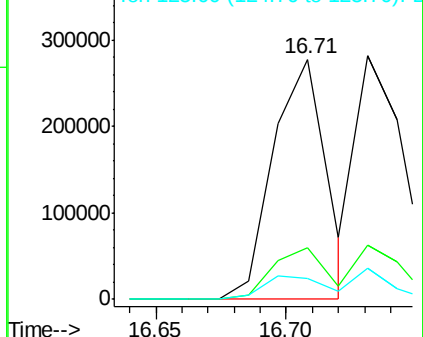
125 8.5 11.6 17.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 40.78 ng

RT: 17.06 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BF078621.D

Acq: 18 Apr 2015 00:32

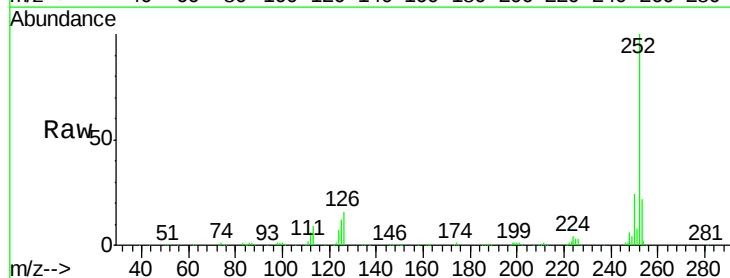
Tgt Ion:252 Resp: 343822

Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

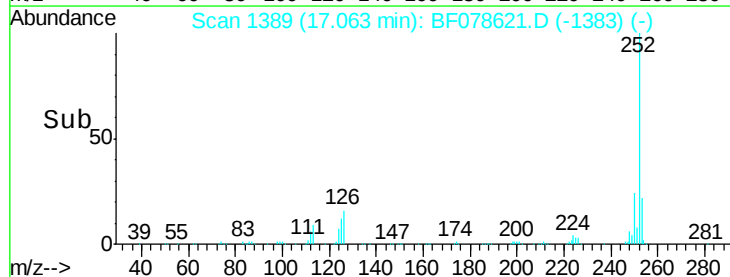
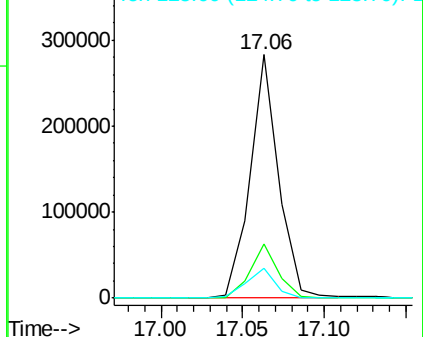
125 12.5 7.4 11.0#

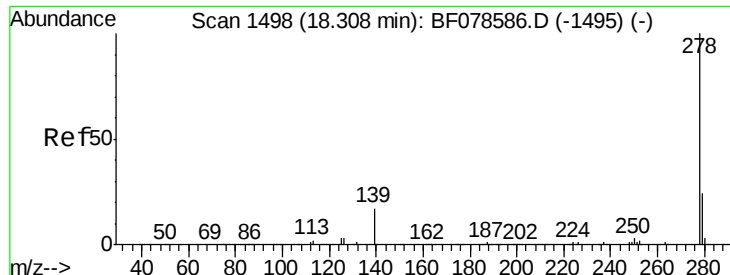


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

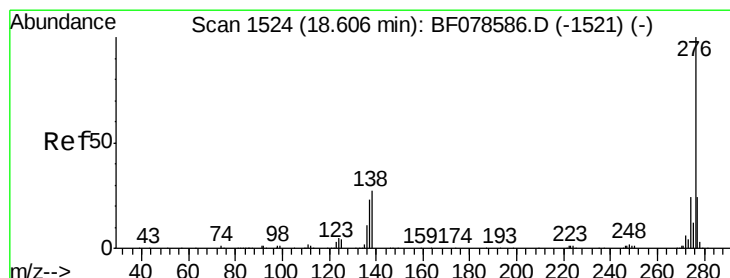
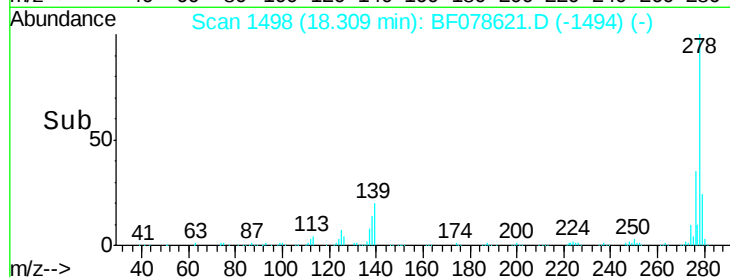
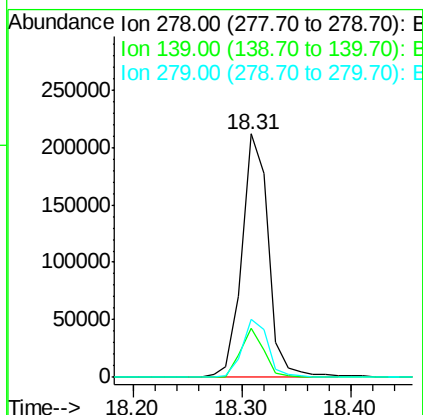
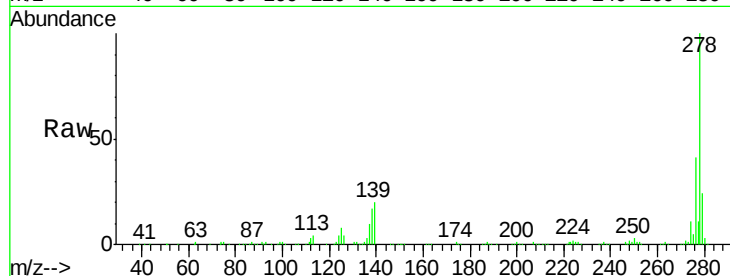




#90
Dibenzo(a,h)anthracene
Concen: 42.40 ng
RT: 18.31 min Scan# 1498
Delta R.T. -0.06 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	13.6	20.4
279	23.7	19.0	28.6



#91
Benzo(g,h,i)perylene
Concen: 41.64 ng
RT: 18.61 min Scan# 1524
Delta R.T. -0.06 min
Lab File: BF078621.D
Acq: 18 Apr 2015 00:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	26.4	19.9	29.9

