

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078610.D
 Acq On : 17 Apr 2015 17:31
 Operator : TP/IZ
 Sample : PB82843BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Quant Time: Apr 17 23:44:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 23:28:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	47319	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	187785	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	100784	20.00	ng	0.00
63) Phenanthrene-d10	12.22	188	209175	20.00	ng	0.00
75) Chrysene-d12	15.47	240	227804	20.00	ng	0.01
86) Perylene-d12	17.20	264	231005	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	249188	86.83	ng	0.00
7) Phenol-d6	6.28	99	320934	89.23	ng	0.00
23) Nitrobenzene-d5	7.38	82	188388	60.81	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	90078	107.77	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	391846	55.58	ng	0.00
78) Terphenyl-d14	14.21	244	540317	53.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.48	88	27590	21.26	ng	# 23
3) Pyridine	2.01	79	85951	25.28	ng	99
4) n-Nitrosodimethylamine	1.96	42	25455	19.45	ng	94
6) Aniline	6.26	93	83830	16.44	ng	# 86
8) 2-Chlorophenol	6.41	128	96640	28.48	ng	91
9) Benzaldehyde	6.11	77	16305	6.84	ng	100
10) Phenol	6.30	94	117157	27.19	ng	92
11) bis(2-Chloroethyl)ether	6.39	93	83005	26.78	ng	98
12) 1,3-Dichlorobenzene	6.59	146	98563	26.44	ng	# 92
13) 1,4-Dichlorobenzene	6.70	146	101084	26.94	ng	96
14) 1,2-Dichlorobenzene	6.88	146	94153	26.76	ng	94
15) Benzyl Alcohol	6.88	79	77827	30.79	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	115324	27.90	ng	83
17) 2-Methylphenol	7.05	107	78535	29.81	ng	96
18) Hexachloroethane	7.29	117	35346	27.93	ng	# 87
19) n-Nitroso-di-n-propylamine	7.22	70	68368	28.81	ng	92
20) 3+4-Methylphenols	7.24	107	103826	29.54	ng	99
22) Acetophenone	7.20	105	134247	30.68	ng	# 90
24) Nitrobenzene	7.40	77	97300	30.04	ng	89
25) Isophorone	7.71	82	176671	30.05	ng	99
26) 2-Nitrophenol	7.79	139	46650	30.23	ng	# 82
27) 2,4-Dimethylphenol	7.90	122	87578	30.52	ng	100
28) bis(2-Chloroethoxy)methane	8.01	93	110610	29.34	ng	99
29) 2,4-Dichlorophenol	8.10	162	83527	31.99	ng	89
30) 1,2,4-Trichlorobenzene	8.19	180	84657	28.28	ng	97
31) Naphthalene	8.27	128	270576	27.68	ng	99
32) Benzoic acid	8.06	122	51165	39.13	ng	96
33) 4-Chloroaniline	8.38	127	72769	17.94	ng	97
34) Hexachlorobutadiene	8.44	225	48372	29.43	ng	99
35) Caprolactam	8.81	113	25197	32.33	ng	97
36) 4-Chloro-3-methylphenol	9.00	107	87146	33.08	ng	94
37) 2-Methylnaphthalene	9.13	142	192151	28.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.35	216	84248	26.98	ng	99
40) Hexachlorocyclopentadiene	9.32	237	74997	57.85	ng	98

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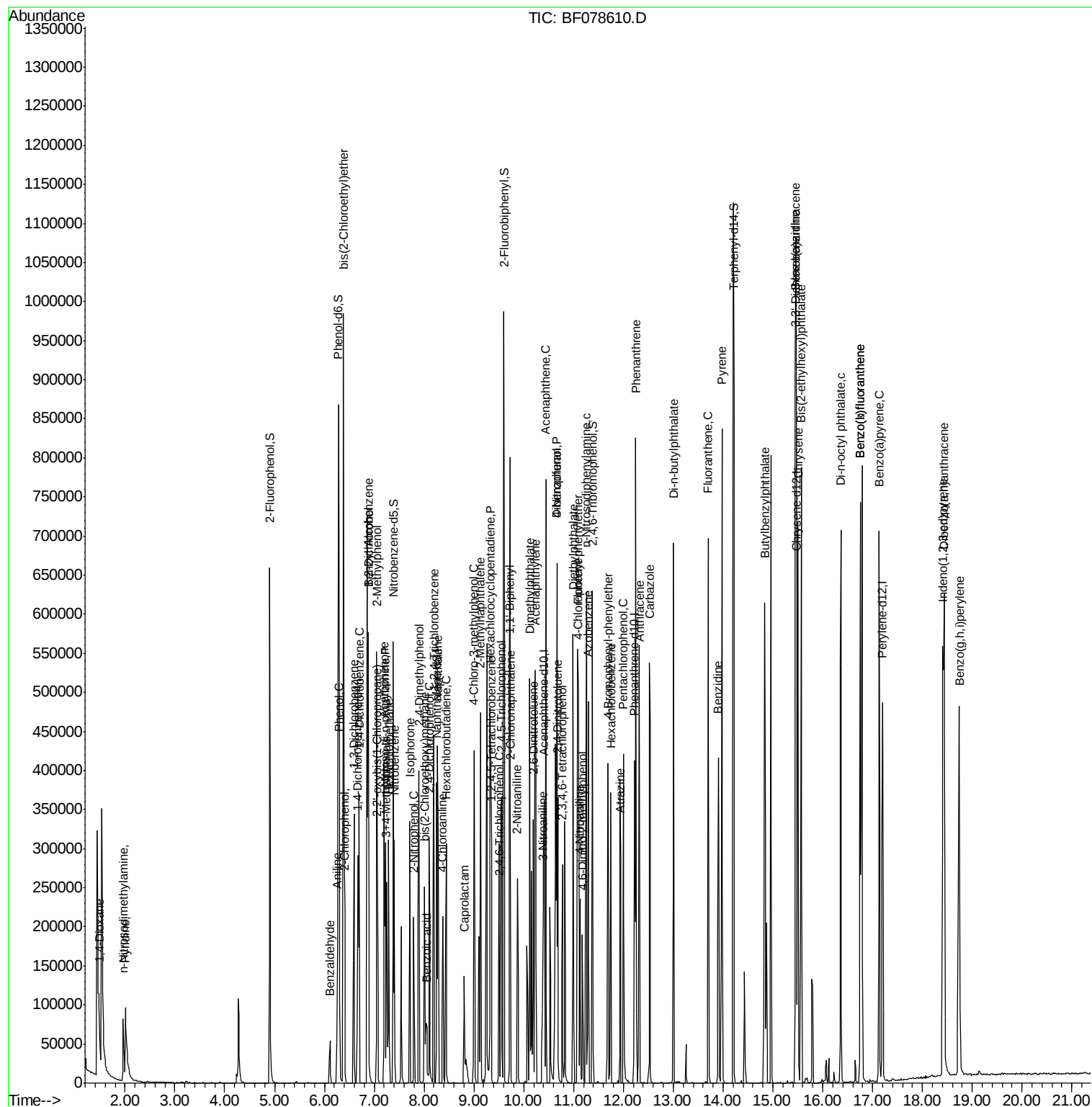
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.51	196	57408	29.15	ng	96
43) 2,4,5-Trichlorophenol	9.55	196	64483	31.34	ng	# 87
45) 1,1'-Biphenyl	9.71	154	232302	28.18	ng	97
46) 2-Chloronaphthalene	9.74	162	180038	27.76	ng	94
47) 2-Nitroaniline	9.87	65	50604	31.53	ng	96
48) Acenaphthylene	10.23	152	293592	28.03	ng	99
49) Dimethylphthalate	10.12	163	231512	30.58	ng	98
50) 2,6-Dinitrotoluene	10.19	165	49785	31.96	ng	# 76
51) Acenaphthene	10.44	154	170448	28.90	ng	100
52) 3-Nitroaniline	10.39	138	40179	22.68	ng	91
54) Dibenzofuran	10.66	168	272023	30.20	ng	100
55) 4-Nitrophenol	10.66	139	177850	134.41	ng	# 23
56) 2,4-Dinitrotoluene	10.68	165	70244	34.82	ng	90
57) Fluorene	11.09	166	225667	30.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.78	232	48458	31.77	ng	# 88
59) Diethylphthalate	10.99	149	228259	31.27	ng	99
60) 4-Chlorophenyl-phenylether	11.10	204	102180	30.42	ng	# 77
61) 4-Nitroaniline	11.13	138	48418	27.04	ng	90
62) Azobenzene	11.29	77	233943	35.11	ng	96
64) 4,6-Dinitro-2-methylphenol	11.18	198	29957	32.27	ng	99
65) n-Nitrosodiphenylamine	11.26	169	198540	27.44	ng	98
66) 4-Bromophenyl-phenylether	11.69	248	62971	28.43	ng	94
67) Hexachlorobenzene	11.75	284	68160	28.08	ng	93
68) Atrazine	11.94	200	70847	33.81	ng	97
69) Pentachlorophenol	12.00	266	60873	58.82	ng	99
70) Phenanthrene	12.25	178	333807	27.59	ng	99
71) Anthracene	12.32	178	340797	28.58	ng	98
72) Carbazole	12.53	167	330115	29.54	ng	99
73) Di-n-butylphthalate	13.01	149	415734	32.84	ng	99
74) Fluoranthene	13.70	202	382600	29.98	ng	97
76) Benzidine	13.91	184	197676	22.54	ng	98
77) Pyrene	13.98	202	389018	27.20	ng	97
79) Butylbenzylphthalate	14.83	149	186312	34.18	ng	95
80) Benzo(a)anthracene	15.46	228	392978	28.99	ng	98
81) 3,3'-Dichlorobenzidine	15.45	252	89526	19.72	ng	# 97
82) Chrysene	15.51	228	367536	28.86	ng	99
83) Bis(2-ethylhexyl)phthalate	15.57	149	282564	33.05	ng	# 97
84) Di-n-octyl phthalate	16.37	149	511024	36.41	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.41	276	432764	29.95	ng	# 87
87) Benzo(b)fluoranthene	16.75	252	464689	32.55	ng	# 98
88) Benzo(k)fluoranthene	16.75	252	464667	36.62	ng	# 96
89) Benzo(a)pyrene	17.13	252	368925	29.61	ng	# 95
90) Dibenzo(a,h)anthracene	18.43	278	347197	27.83	ng	# 96
91) Benzo(g,h,i)perylene	18.74	276	344413	27.54	ng	# 94

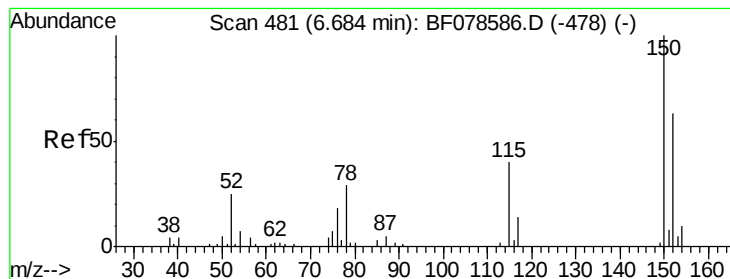
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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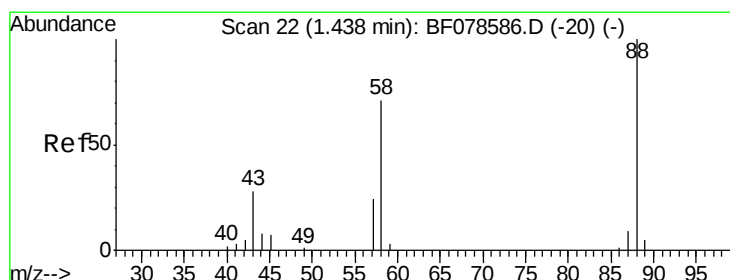
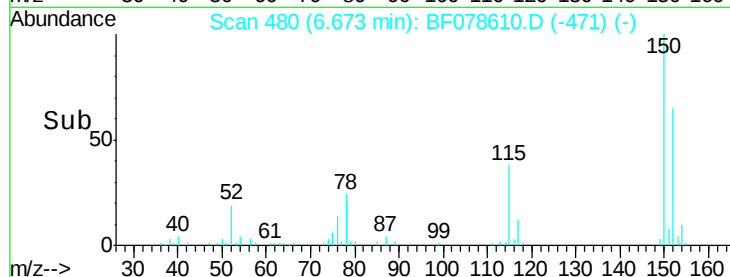
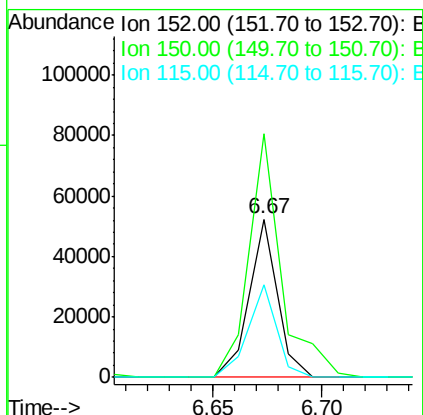
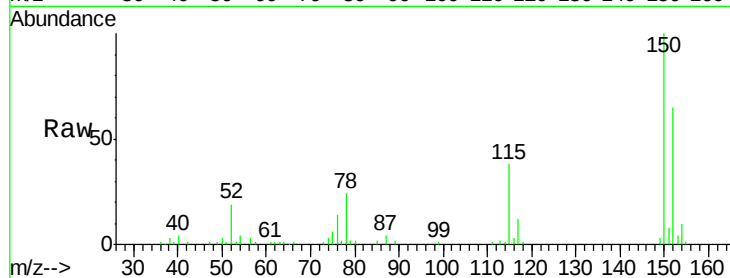




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

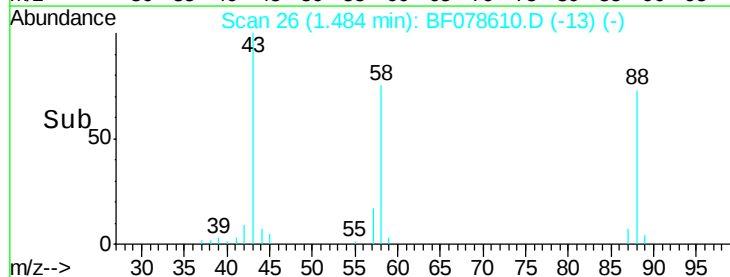
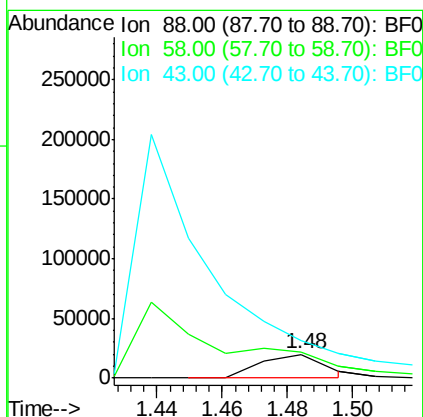
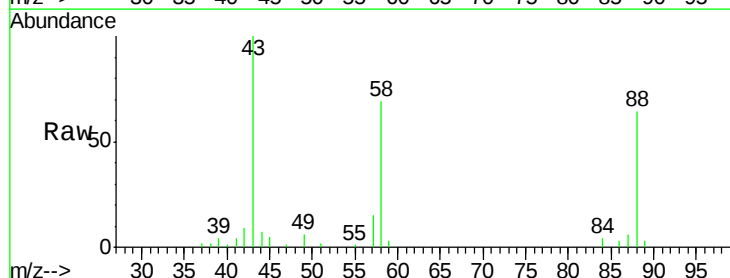
Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

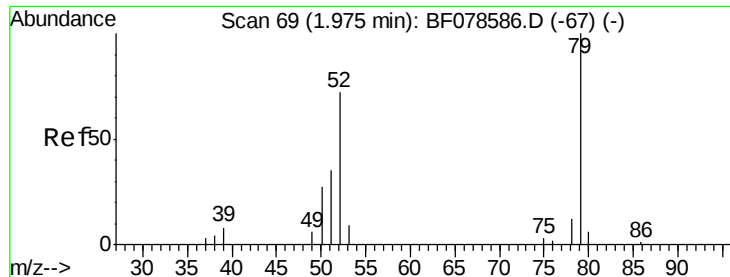
Tgt Ion:152 Resp: 47319
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.9 188.9
 115 58.4 52.7 79.1



#2
 1,4-Dioxane
 Concen: 21.26 ng
 RT: 1.48 min Scan# 26
 Delta R.T. 0.05 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion: 88 Resp: 27590
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.9 85.3#
 43 0.0 21.4 32.2#





#3

Pyridine

Concen: 25.28 ng

RT: 2.01 min Scan# 72

Delta R.T. 0.05 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

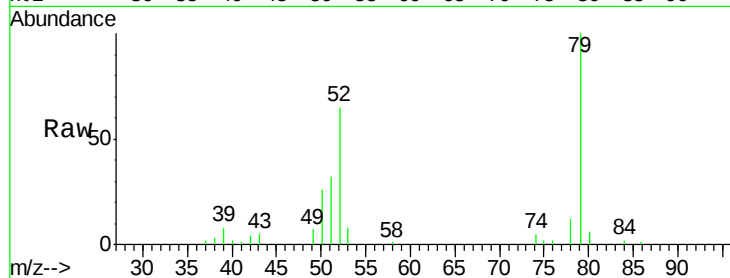
Tgt Ion: 79 Resp: 85951

Ion Ratio Lower Upper

79 100

52 65.3 52.4 78.6

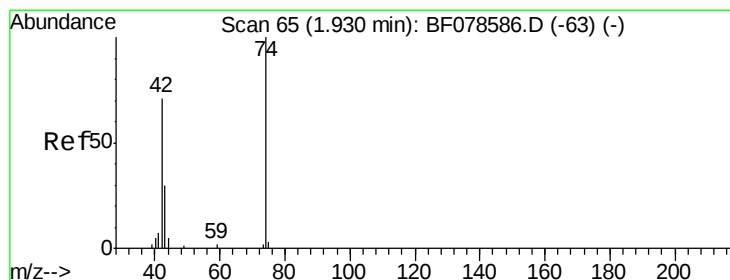
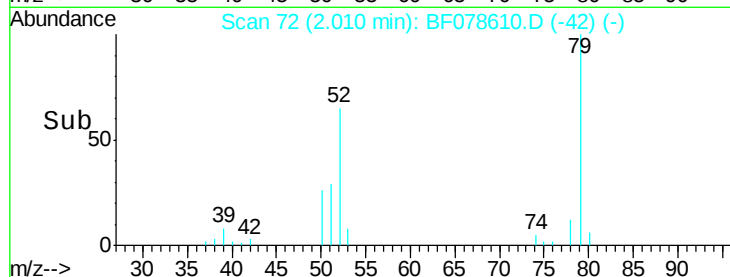
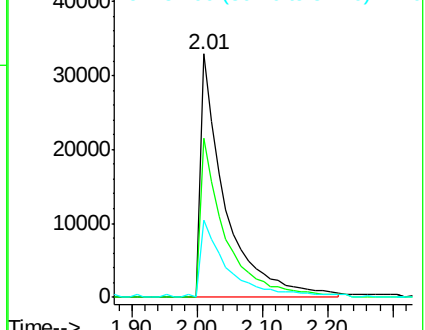
51 31.7 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 19.45 ng

RT: 1.96 min Scan# 68

Delta R.T. 0.05 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

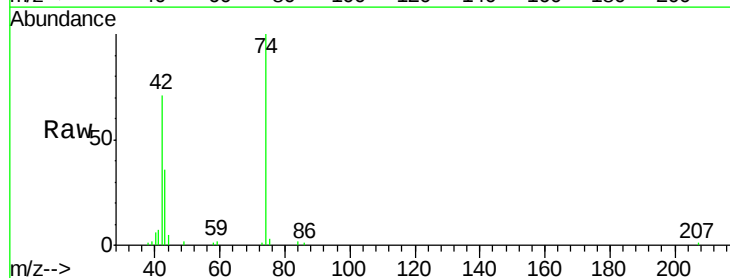
Tgt Ion: 42 Resp: 25455

Ion Ratio Lower Upper

42 100

74 140.3 118.7 178.1

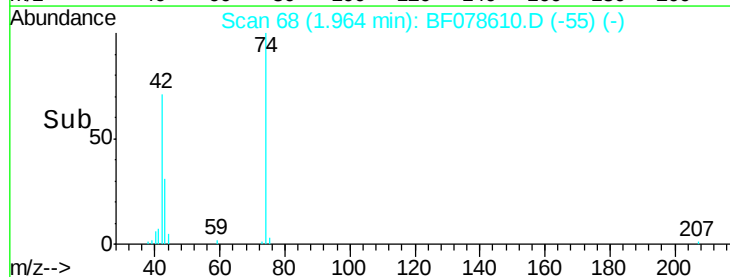
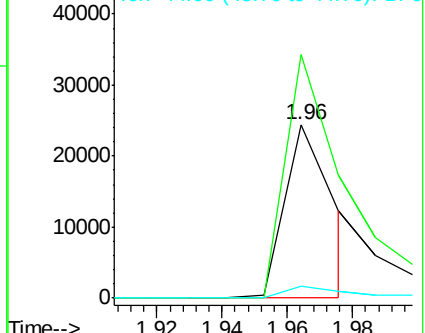
44 7.1 5.9 8.9

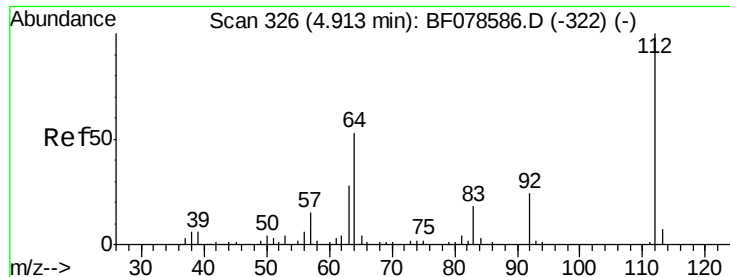


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.83 ng

RT: 4.90 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

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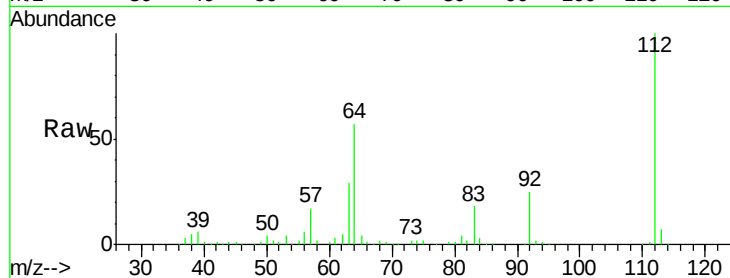
Tgt Ion: 112 Resp: 249188

Ion Ratio Lower Upper

112 100

64 57.3 39.9 59.9

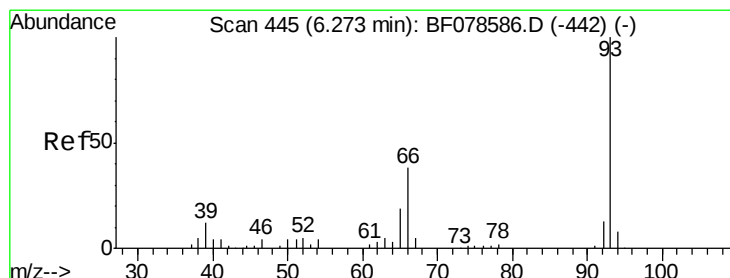
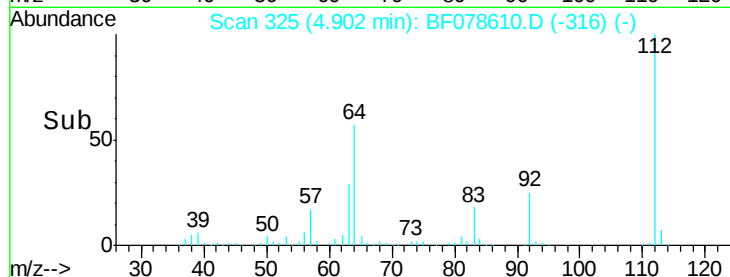
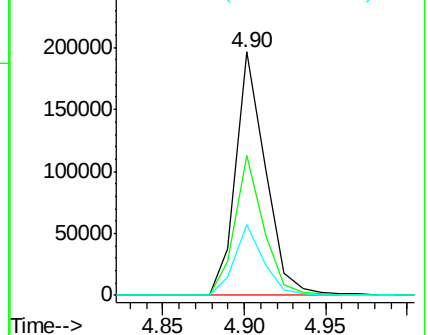
63 29.2 20.2 30.4



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: 16.44 ng

RT: 6.26 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

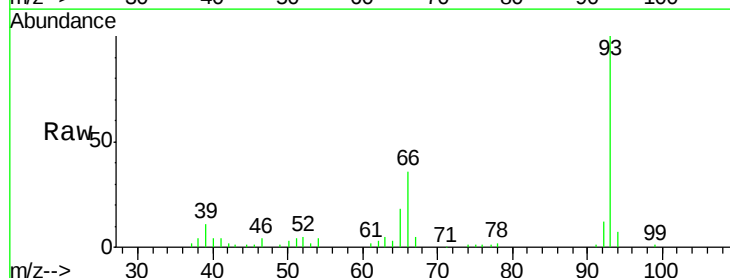
Tgt Ion: 93 Resp: 83830

Ion Ratio Lower Upper

93 100

66 35.9 38.0 57.0#

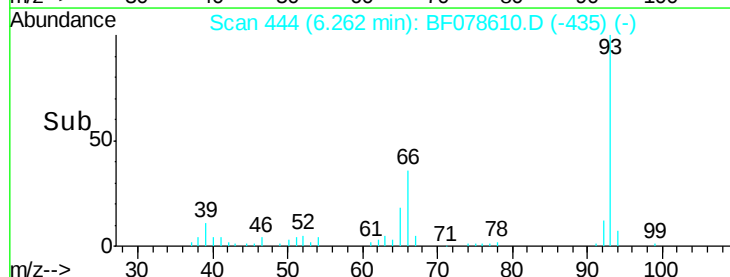
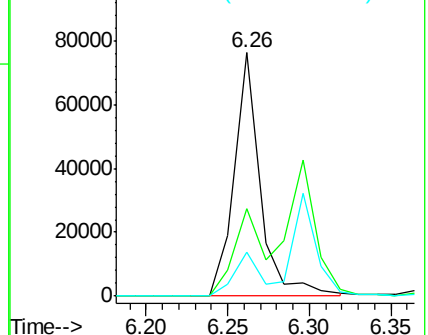
65 18.2 16.3 24.5

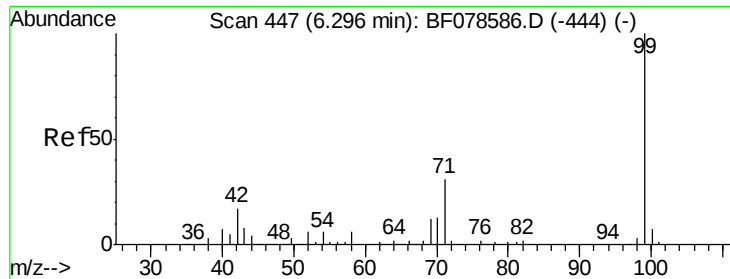


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.23 ng

RT: 6.28 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF078610.D

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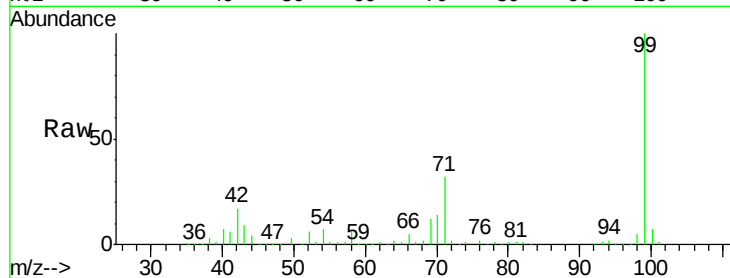
Tgt Ion: 99 Resp: 320934

Ion Ratio Lower Upper

99 100

42 16.6 14.8 22.2

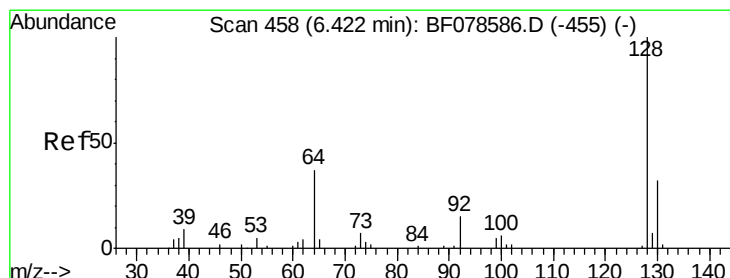
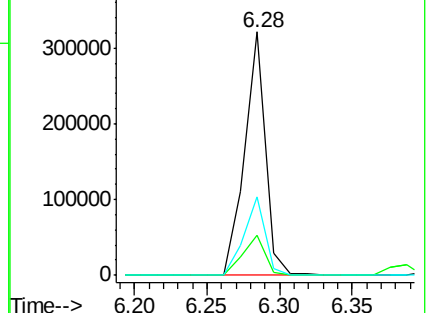
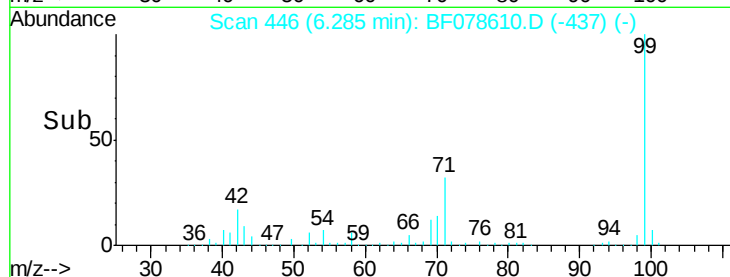
71 32.2 26.6 39.8



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: 28.48 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

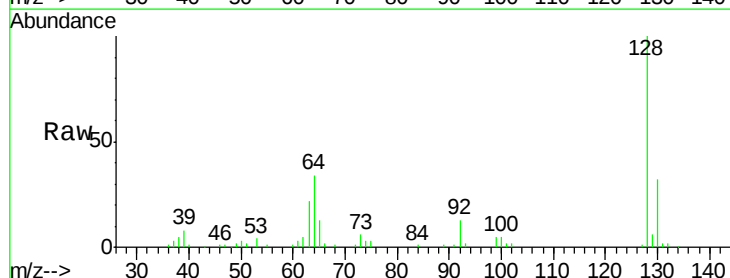
Tgt Ion: 128 Resp: 96640

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

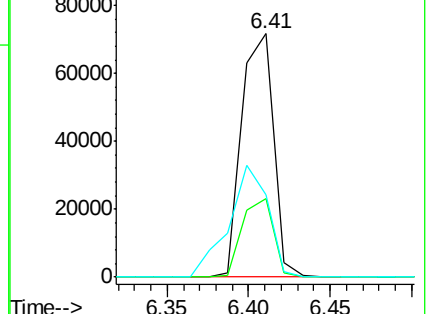
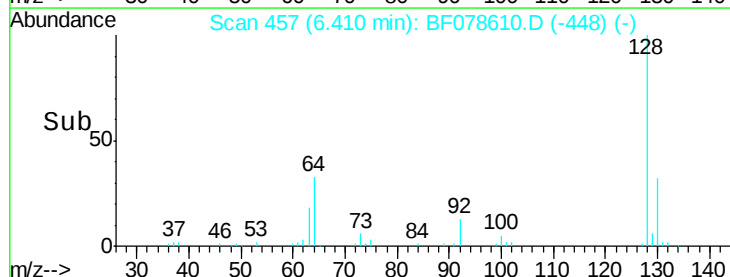
64 34.0 23.8 63.8

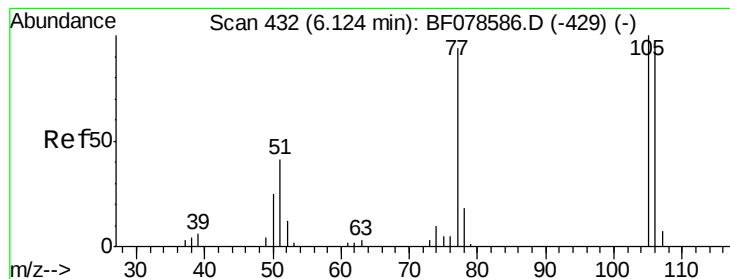


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.84 ng

RT: 6.11 min Scan# 431

Delta R.T. 0.00 min

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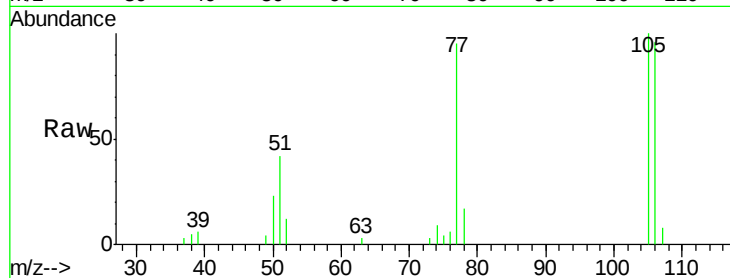
Tgt Ion: 77 Resp: 16305

Ion Ratio Lower Upper

77 100

105 105.3 85.4 125.4

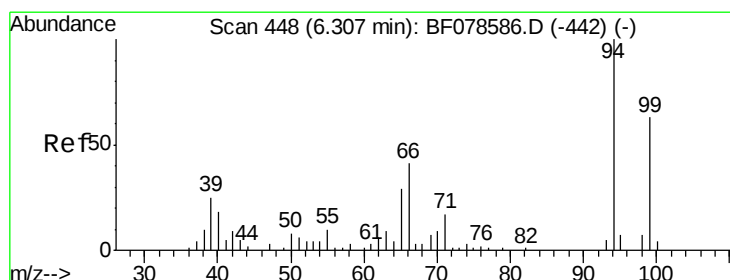
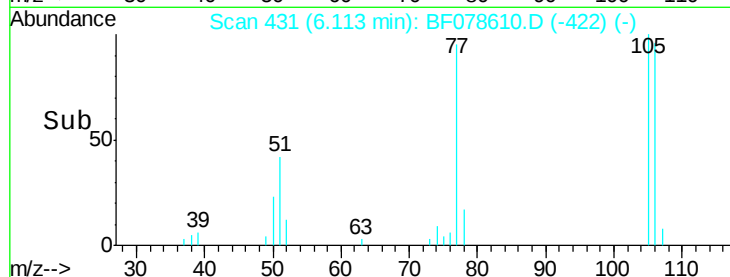
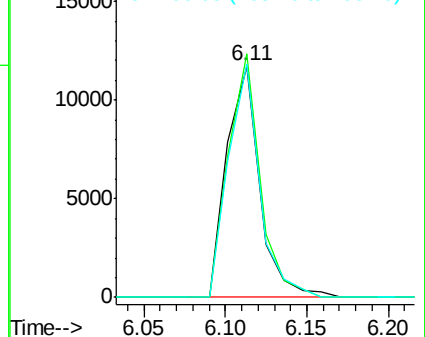
106 100.7 80.8 120.8



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: 27.19 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078610.D

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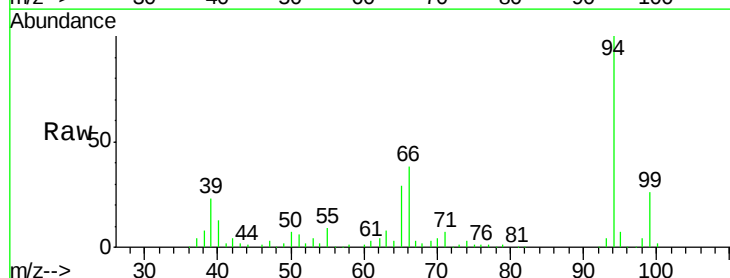
Tgt Ion: 94 Resp: 117157

Ion Ratio Lower Upper

94 100

65 29.0 4.9 44.9

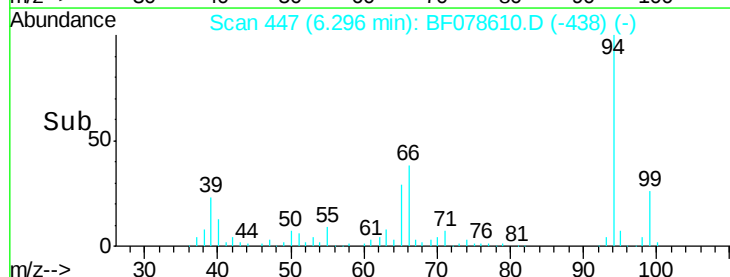
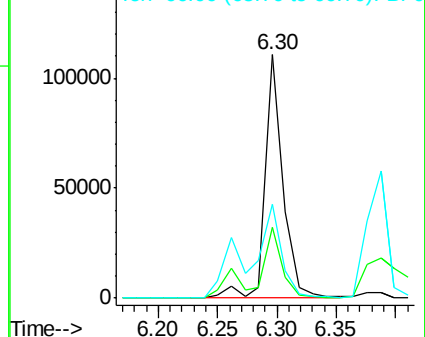
66 38.5 13.8 53.8



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

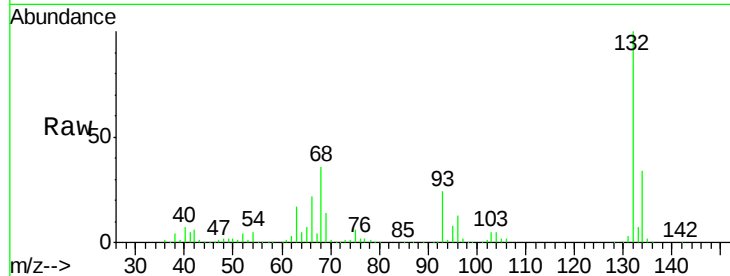




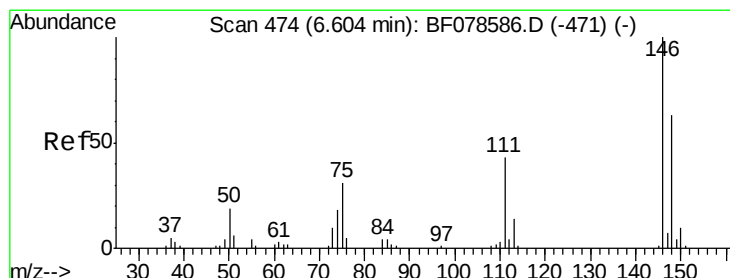
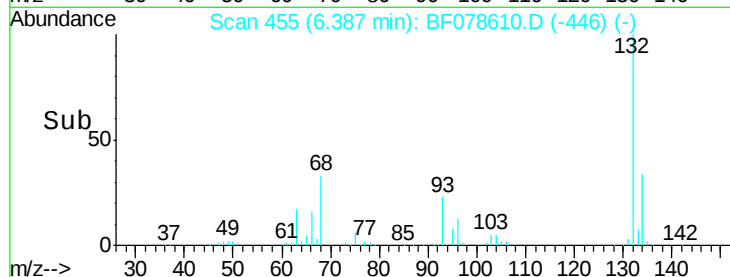
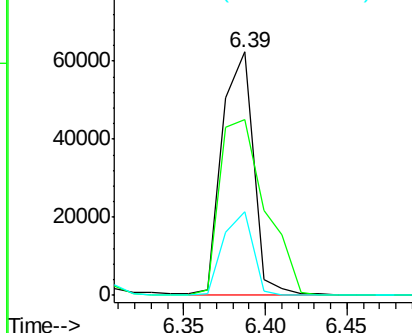
#11
bis(2-Chloroethyl)ether
Concen: 26.78 ng
RT: 6.39 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tgt Ion: 93 Resp: 83005
Ion Ratio Lower Upper
93 100
63 72.2 54.6 94.6
95 34.2 13.6 53.6

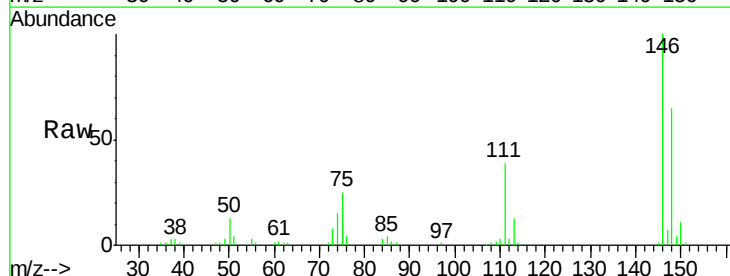


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

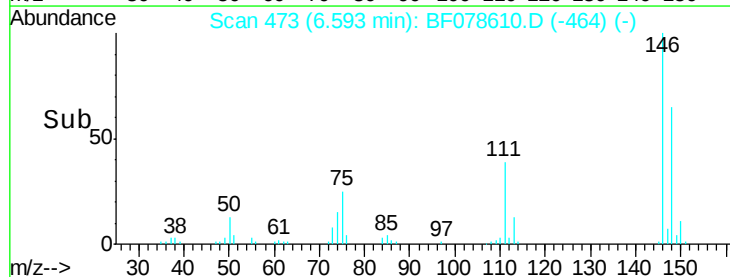
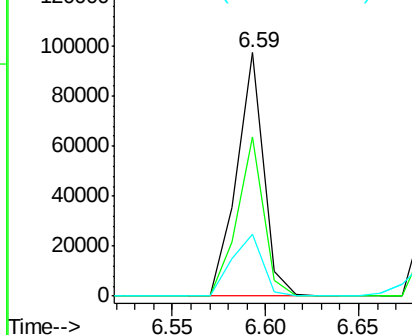


#12
1,3-Dichlorobenzene
Concen: 26.44 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion: 146 Resp: 98563
Ion Ratio Lower Upper
146 100
148 65.3 49.1 73.7
75 25.2 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

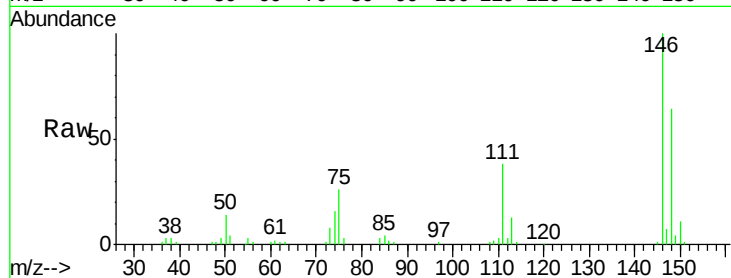




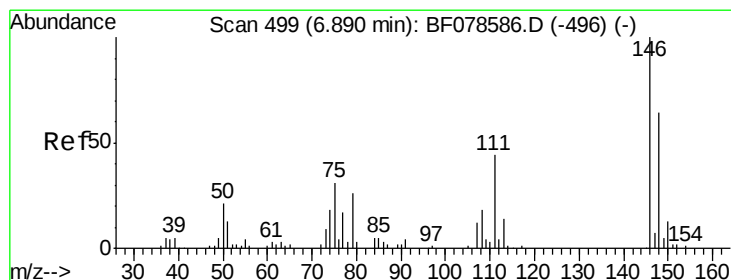
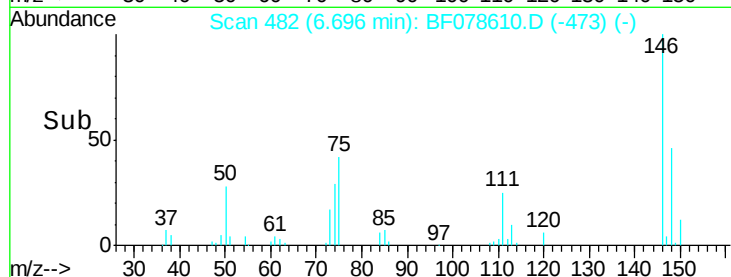
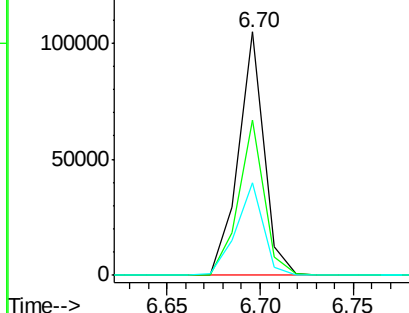
#13
 1,4-Dichlorobenzene
 Concen: 26.94 ng
 RT: 6.70 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:146 Resp: 101084
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 38.2 35.0 52.4

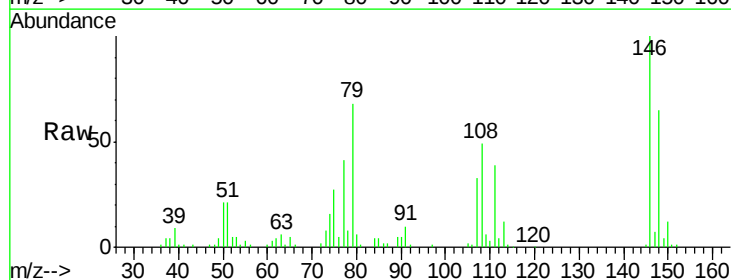


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

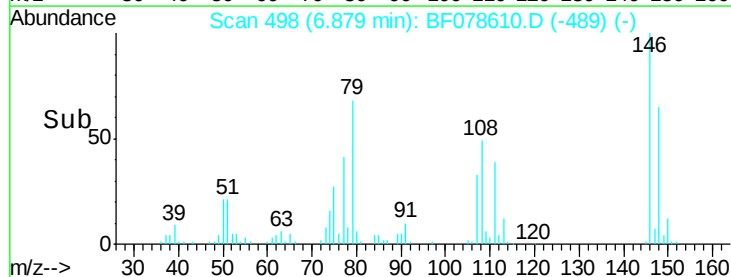
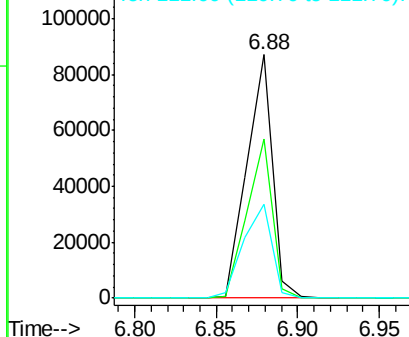


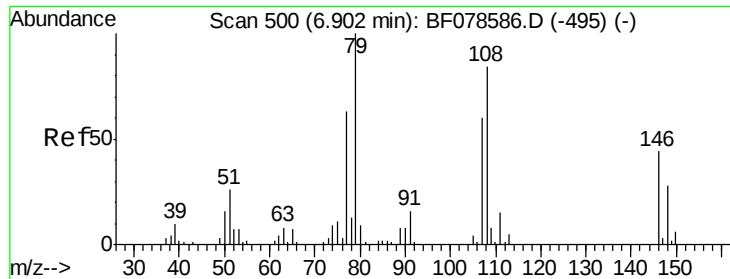
#14
 1,2-Dichlorobenzene
 Concen: 26.76 ng
 RT: 6.88 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:146 Resp: 94153
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.2 75.4
 111 38.6 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: 30.79 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

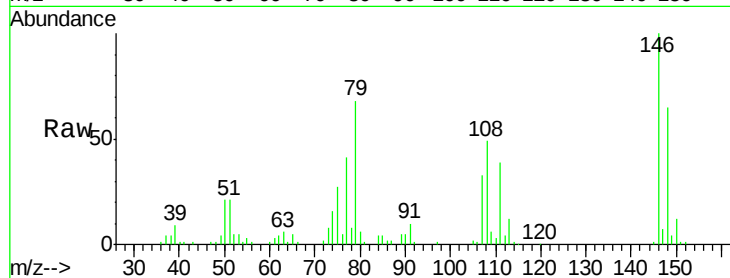
Tgt Ion: 79 Resp: 77827

Ion Ratio Lower Upper

79 100

108 72.5 57.6 86.4

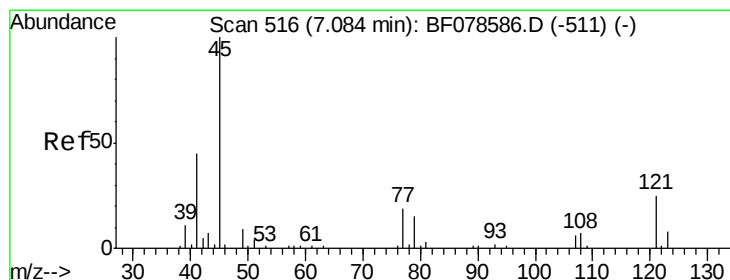
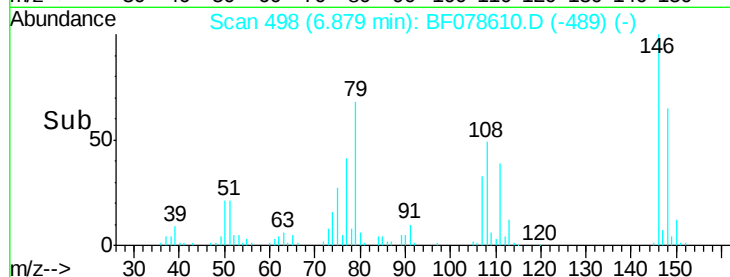
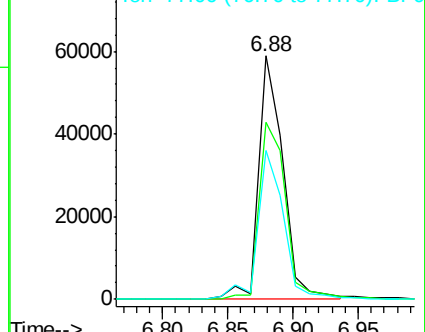
77 61.1 53.5 80.3



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: 27.90 ng

RT: 7.06 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

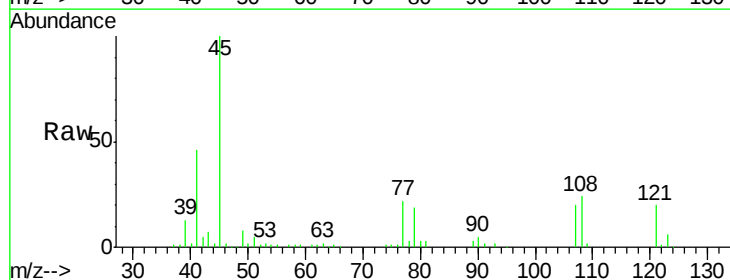
Tgt Ion: 45 Resp: 115324

Ion Ratio Lower Upper

45 100

77 21.7 0.0 34.5

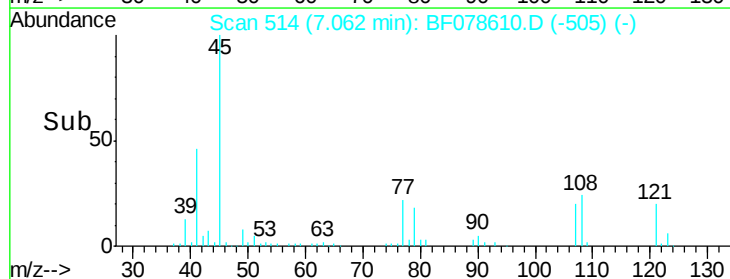
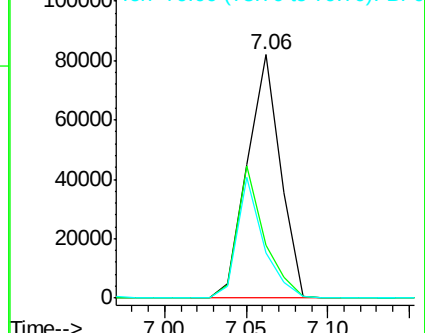
79 18.6 0.0 31.9

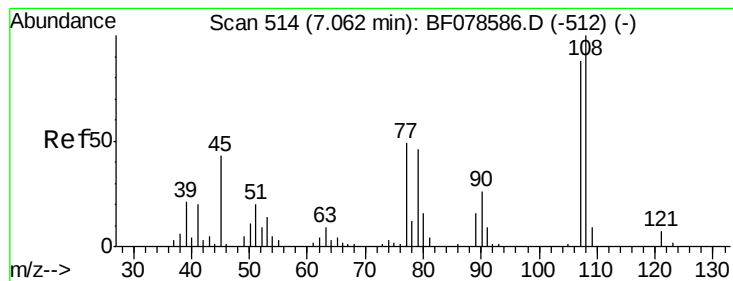


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

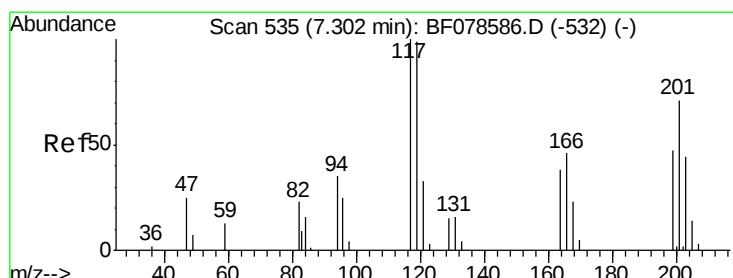
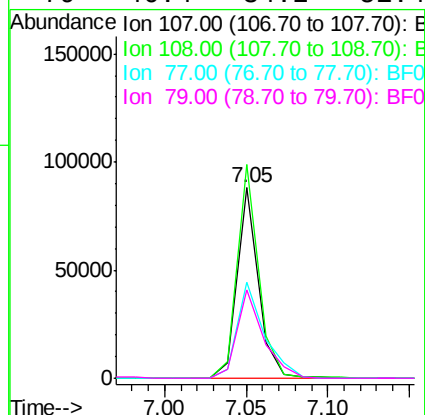
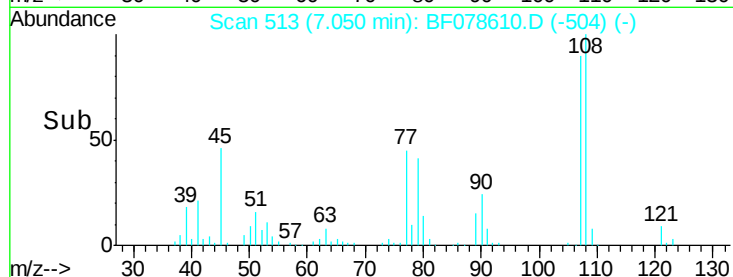
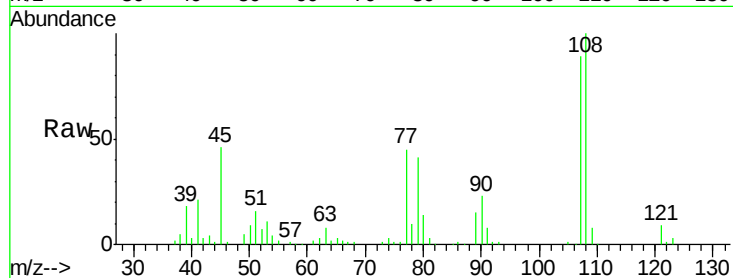




#17
2-Methylphenol
Concen: 29.81 ng
RT: 7.05 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

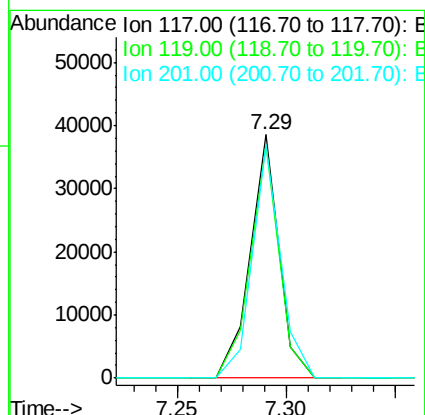
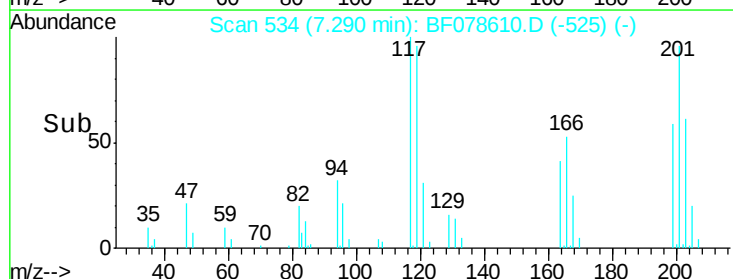
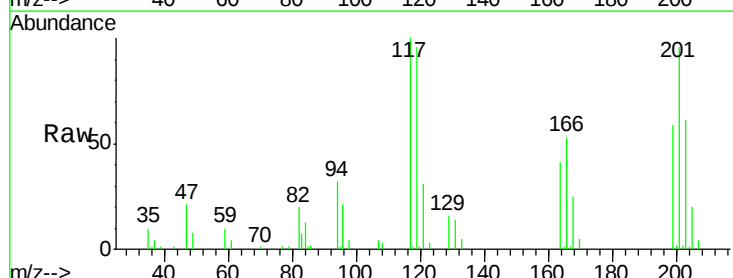
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

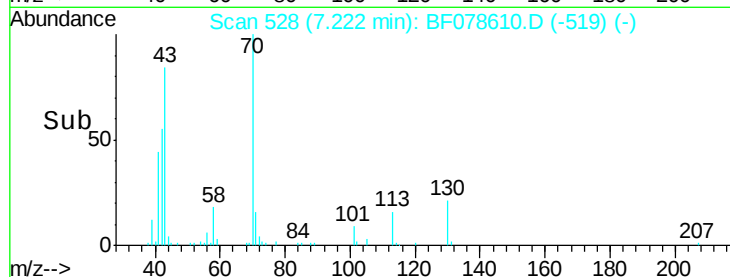
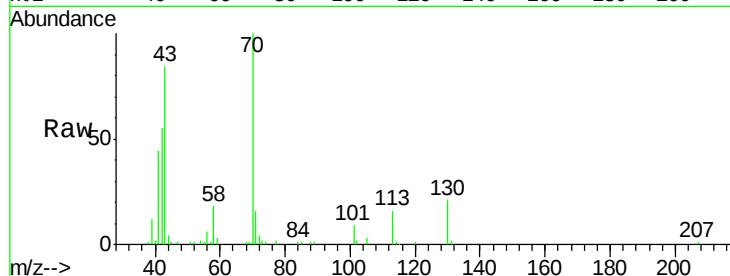
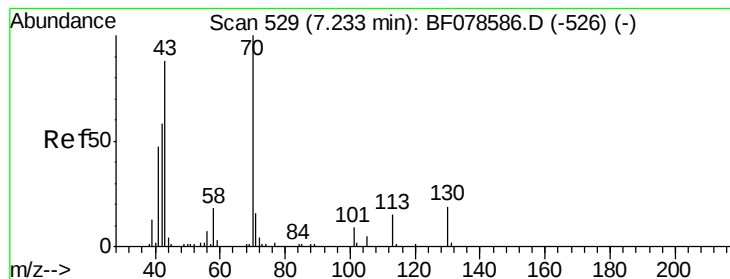
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.3	135.5
77	50.4	35.5	53.3
79	46.4	34.2	51.4



#18
Hexachloroethane
Concen: 27.93 ng
RT: 7.29 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.6
201	95.9	98.1	147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 28.81 ng

RT: 7.22 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

Tgt Ion: 70 Resp: 68368

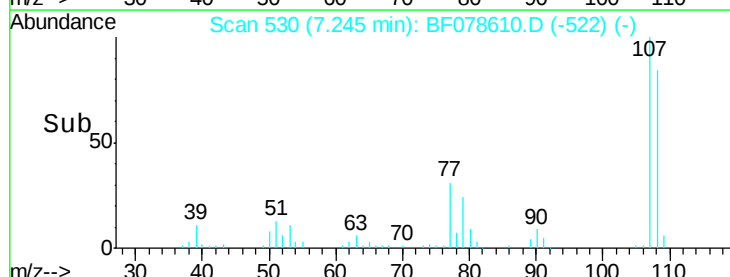
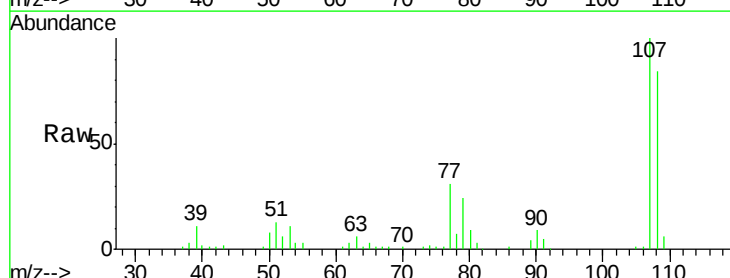
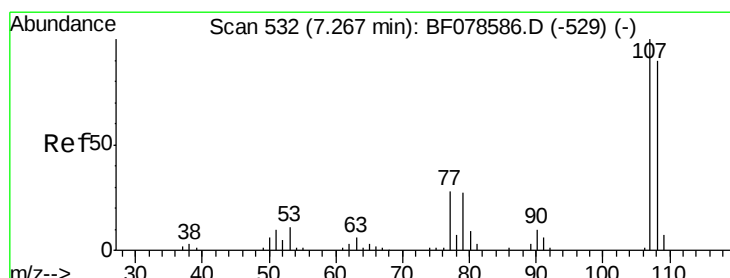
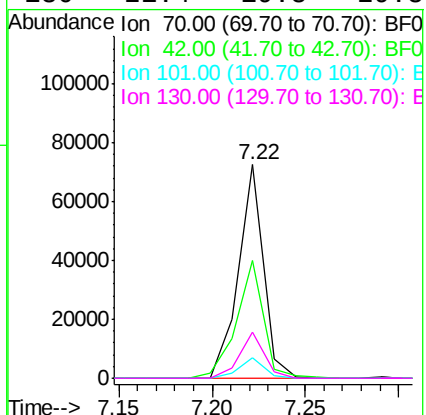
Ion Ratio Lower Upper

70 100

42 55.2 38.9 58.3

101 9.4 8.3 12.5

130 21.4 19.8 29.8



#20

3+4-Methylphenols

Concen: 29.54 ng

RT: 7.24 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Tgt Ion: 107 Resp: 103826

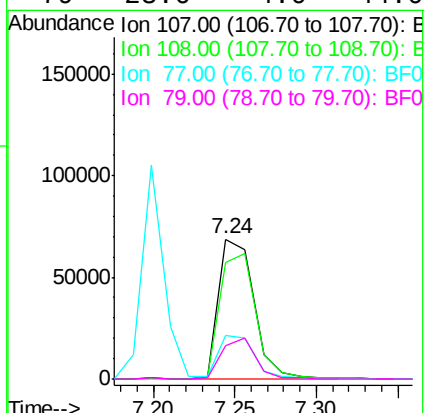
Ion Ratio Lower Upper

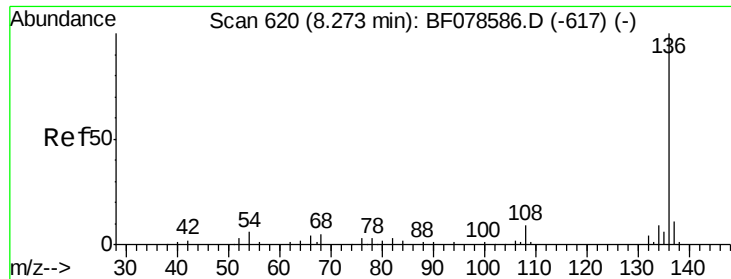
107 100

108 83.6 64.4 104.4

77 31.1 9.7 49.7

79 23.6 4.0 44.0

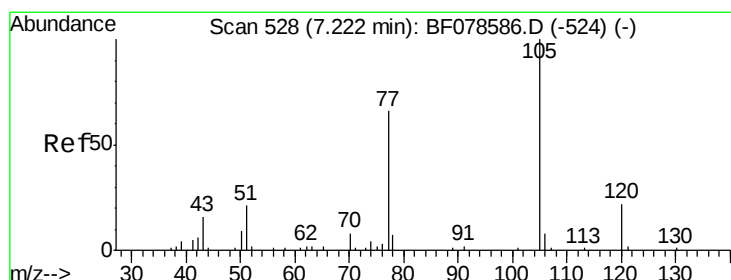
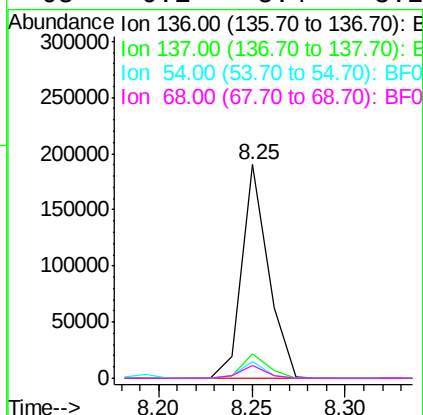
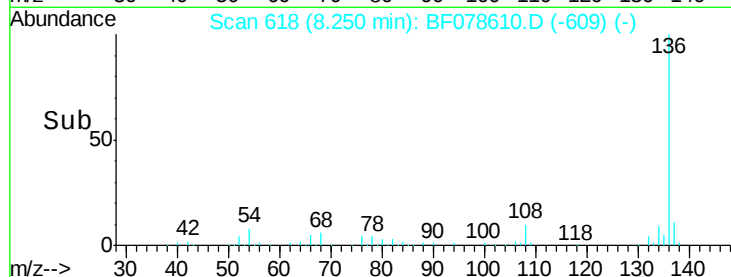
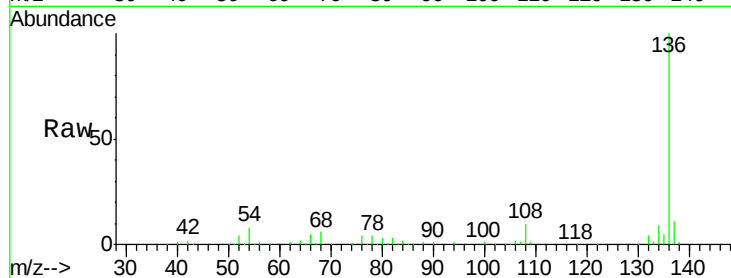




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

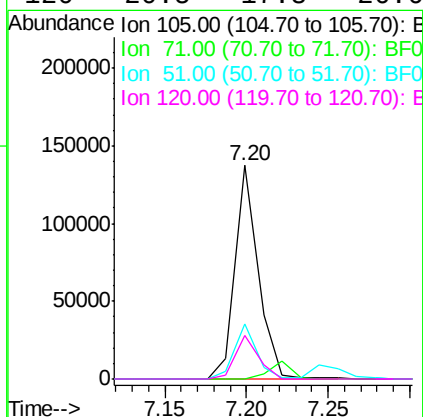
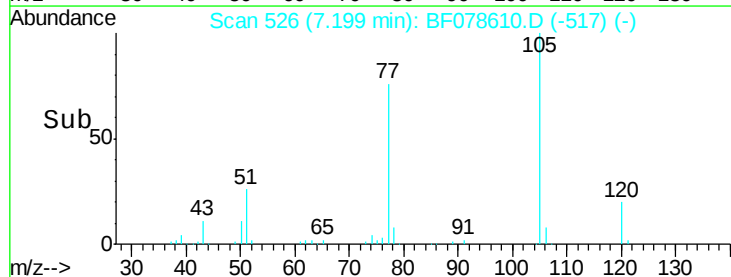
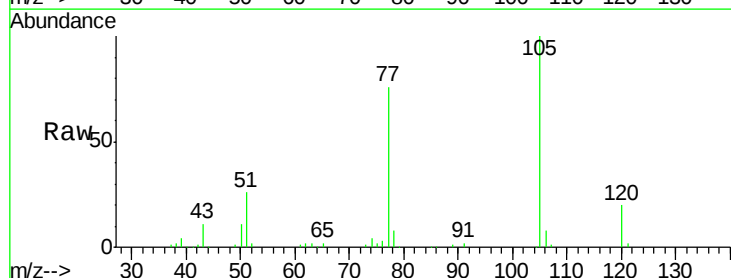
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

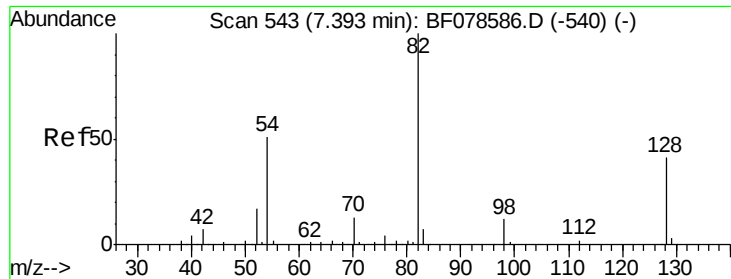
Tgt Ion:	136	Resp:	187785
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.0	7.0	10.6
68	6.1	5.4	8.2



#22
Acetophenone
Concen: 30.68 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:	105	Resp:	134247
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	26.0	16.0	24.0#
120	20.5	17.8	26.6





#23

Nitrobenzene-d5

Concen: 60.81 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

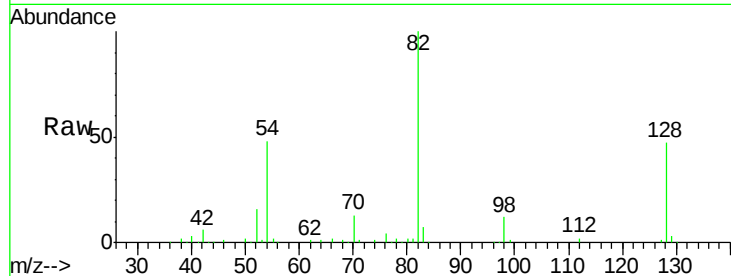
Tgt Ion: 82 Resp: 188388

Ion Ratio Lower Upper

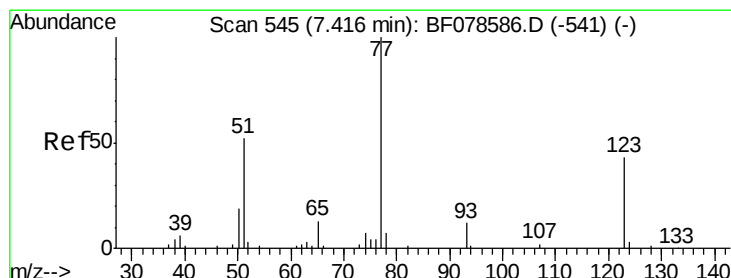
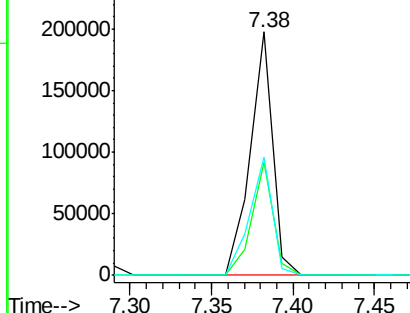
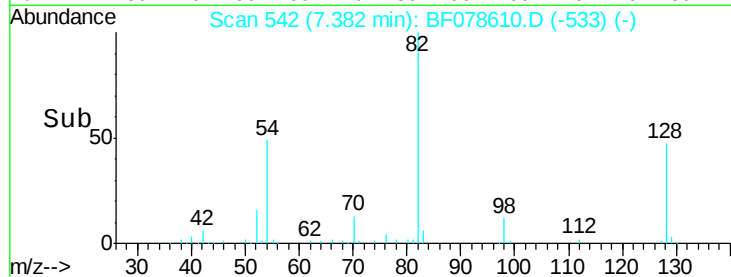
82 100

128 46.6 31.8 47.8

54 48.3 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: 30.04 ng

RT: 7.40 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

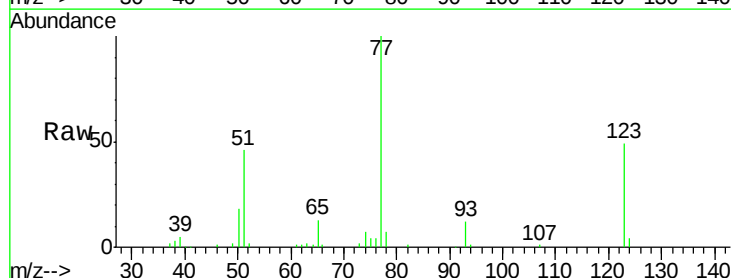
Tgt Ion: 77 Resp: 97300

Ion Ratio Lower Upper

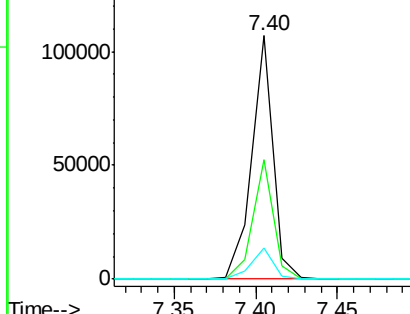
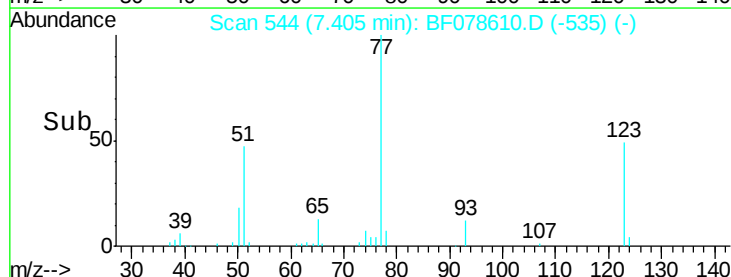
77 100

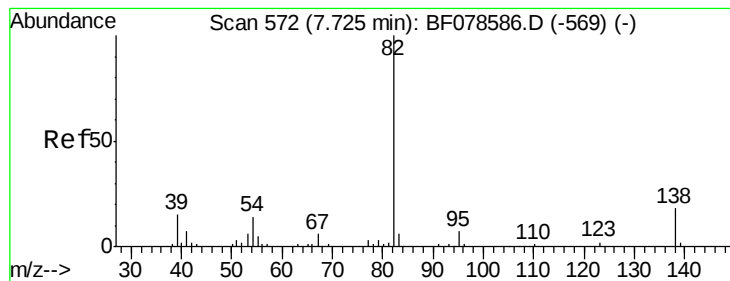
123 49.2 46.9 70.3

65 12.6 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: 30.05 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

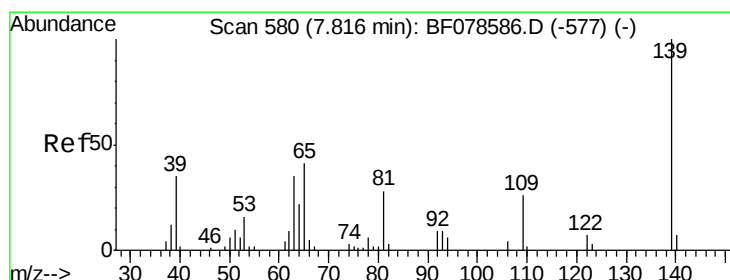
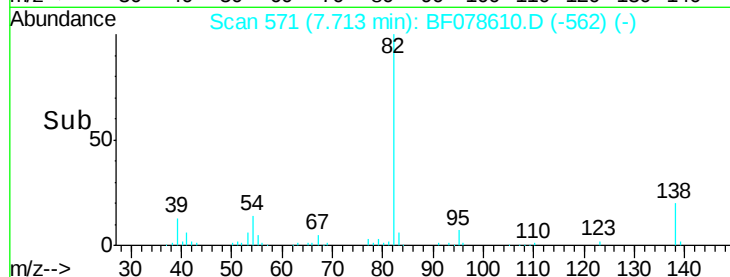
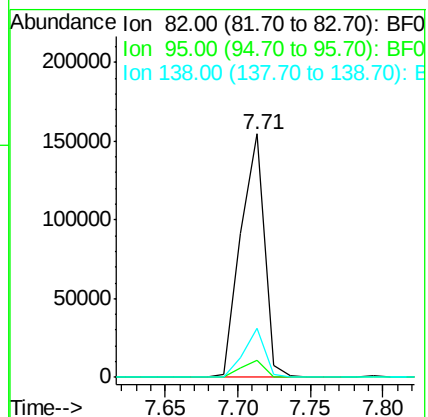
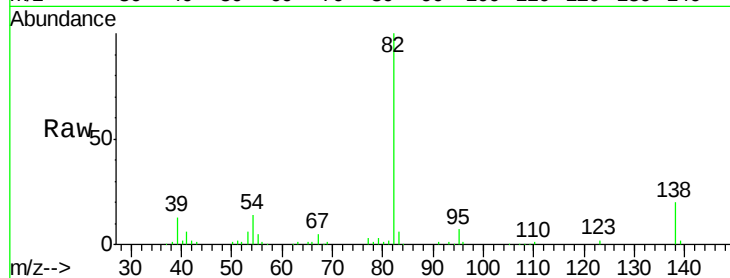
Tgt Ion: 82 Resp: 176671

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 20.1 15.8 23.8



#26

2-Nitrophenol

Concen: 30.23 ng

RT: 7.79 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

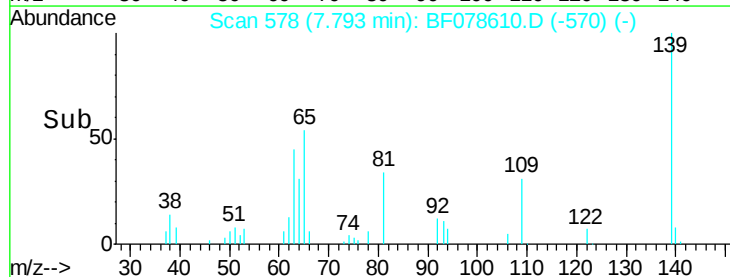
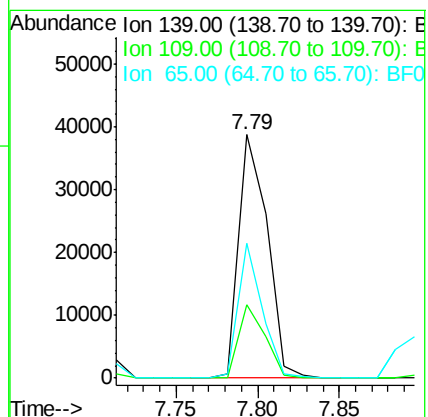
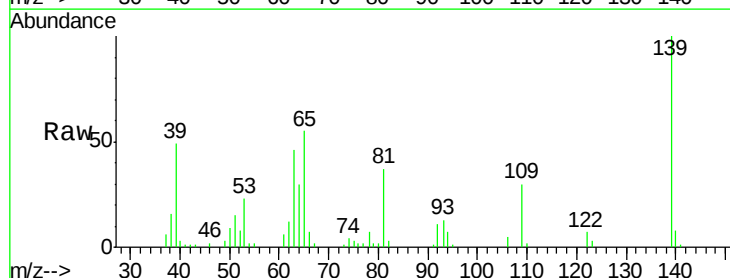
Tgt Ion: 139 Resp: 46650

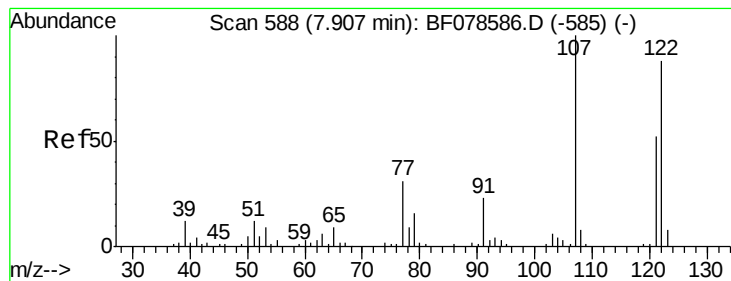
Ion Ratio Lower Upper

139 100

109 29.9 19.8 29.8#

65 55.5 32.7 49.1#

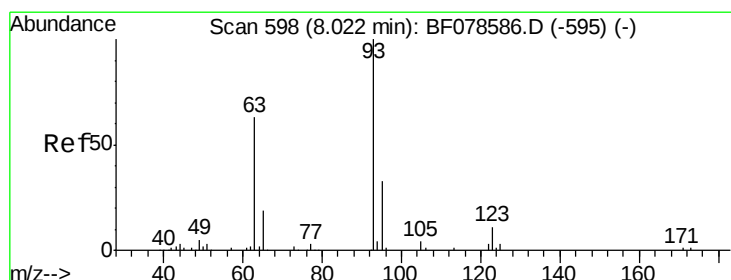
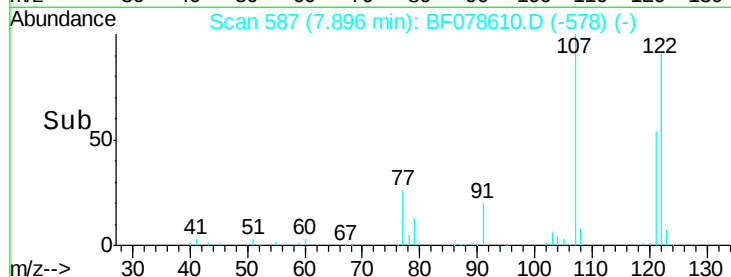
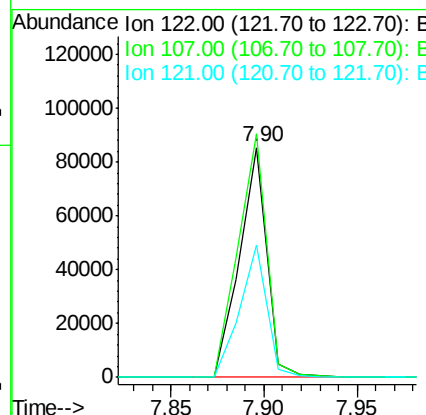
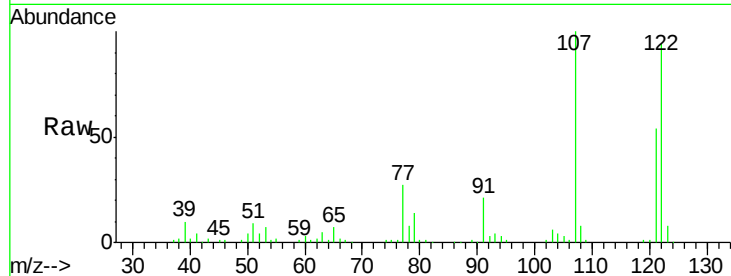




#27
 2,4-Dimethylphenol
 Concen: 30.52 ng
 RT: 7.90 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

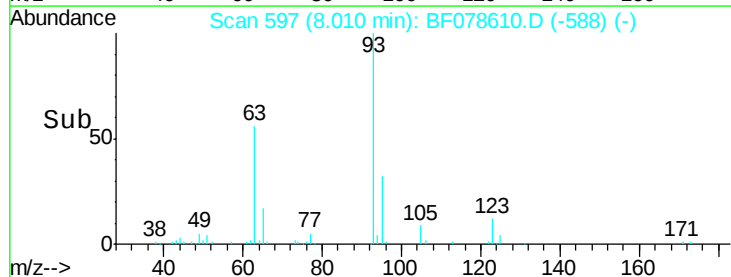
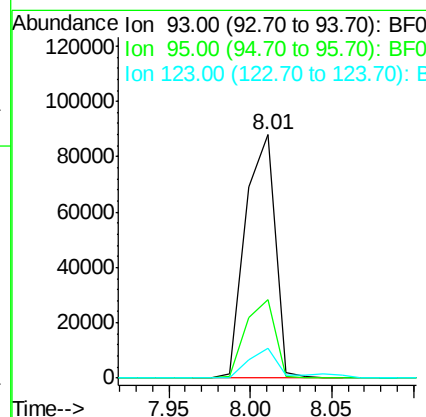
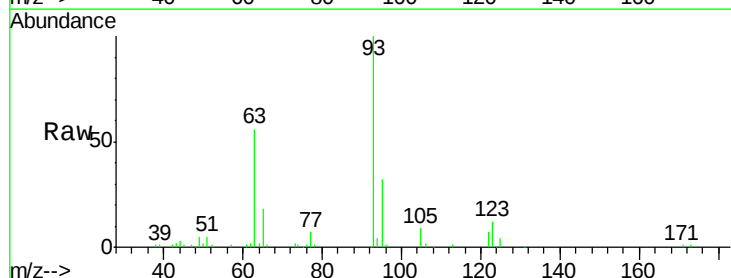
Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

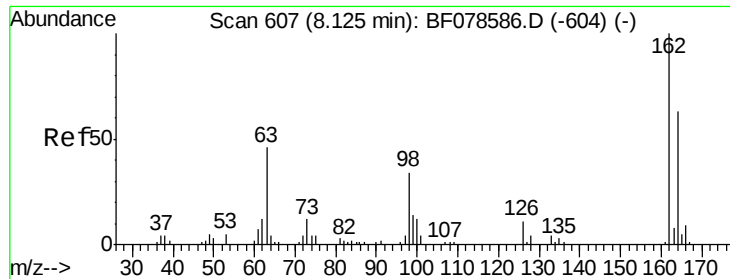
Tgt Ion: 122 Resp: 87578
 Ion Ratio Lower Upper
 122 100
 107 106.1 84.6 127.0
 121 57.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.34 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion: 93 Resp: 110610
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 12.1 9.1 13.7

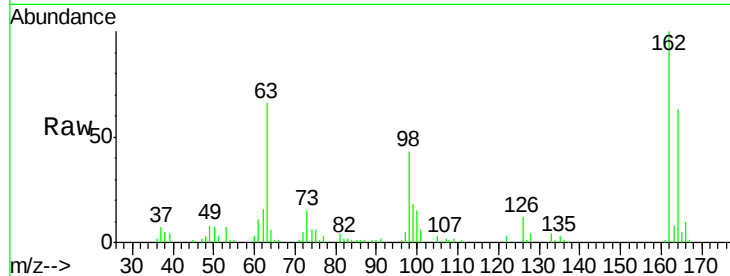




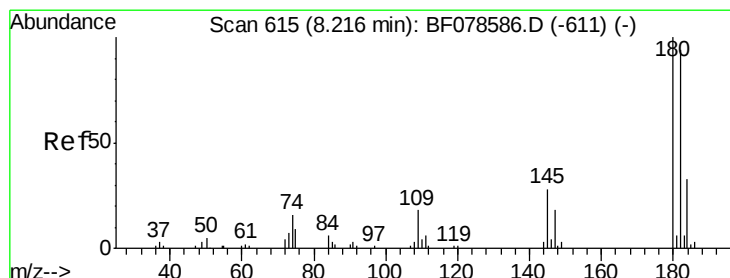
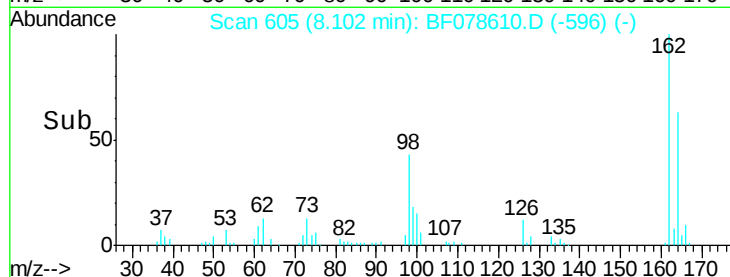
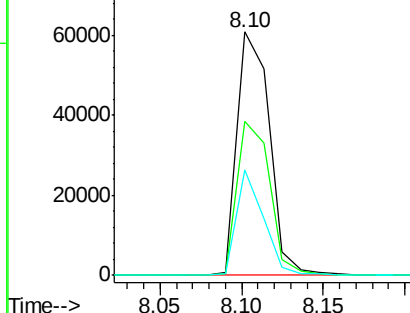
#29
 2,4-Dichlorophenol
 Concen: 31.99 ng
 RT: 8.10 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	47.0	87.0
98	43.2	9.2	49.2

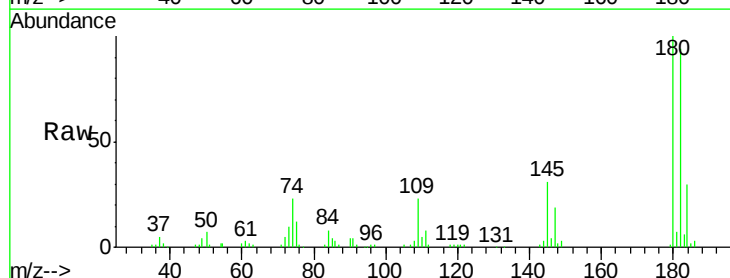


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

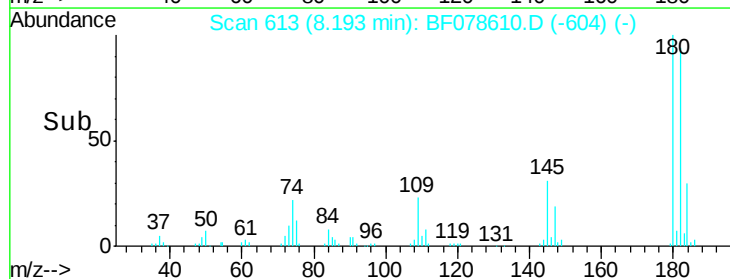
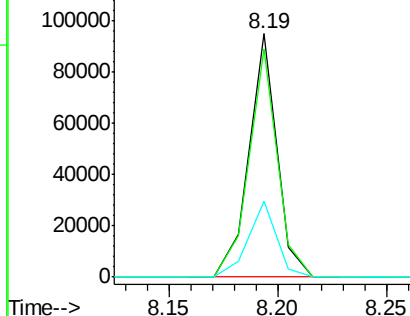


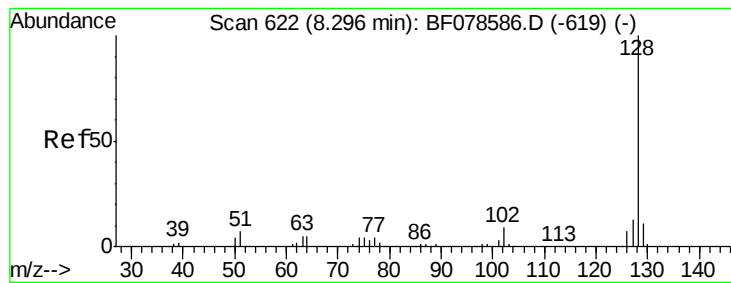
#30
 1,2,4-Trichlorobenzene
 Concen: 28.28 ng
 RT: 8.19 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.9	115.3
145	30.9	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: 27.68 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

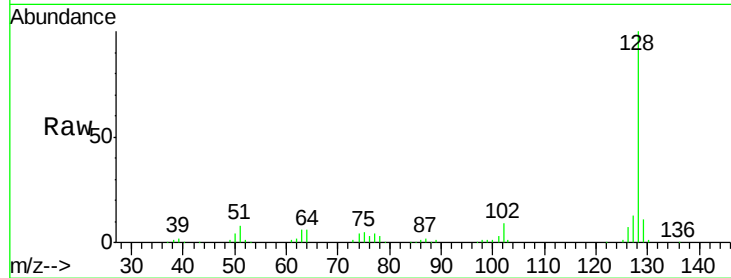
Tgt Ion:128 Resp: 270576

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

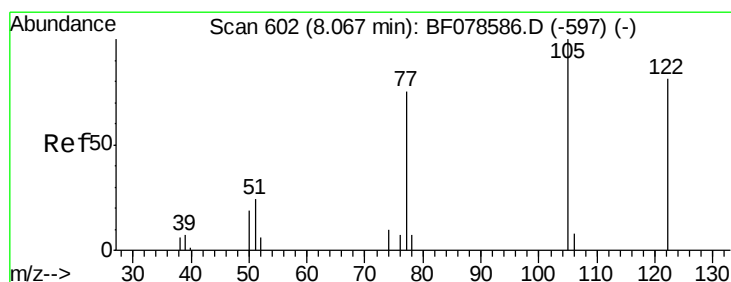
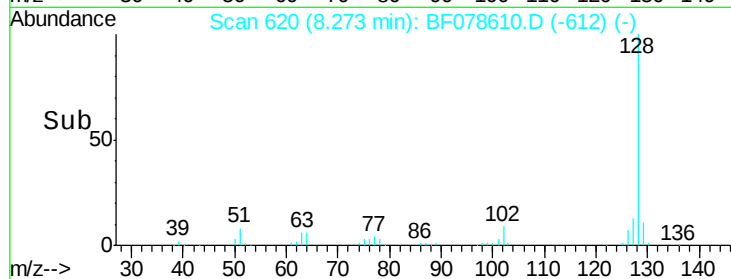
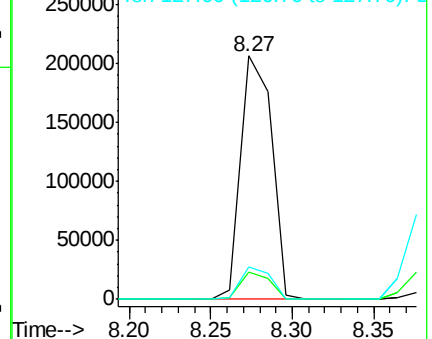
127 13.4 10.7 16.1



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: 39.13 ng

RT: 8.06 min Scan# 601

Delta R.T. 0.01 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

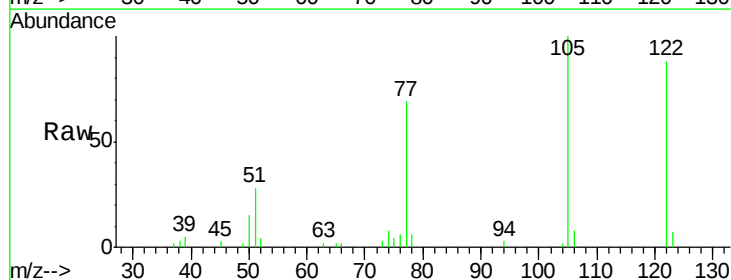
Tgt Ion:122 Resp: 51165

Ion Ratio Lower Upper

122 100

105 113.2 96.1 136.1

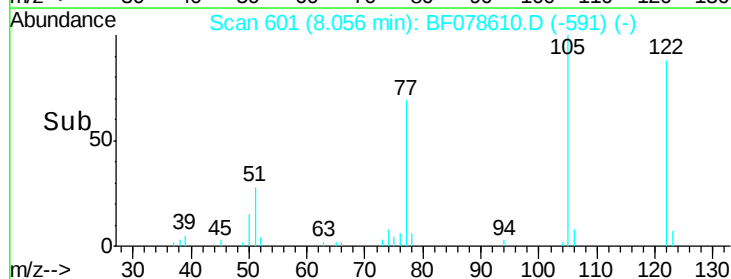
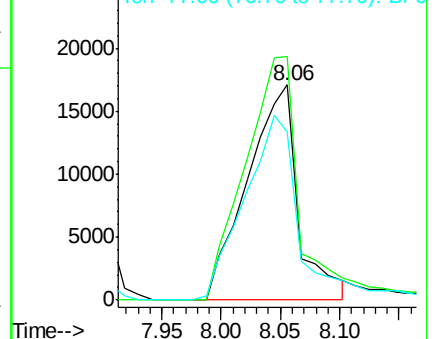
77 78.0 64.1 104.1

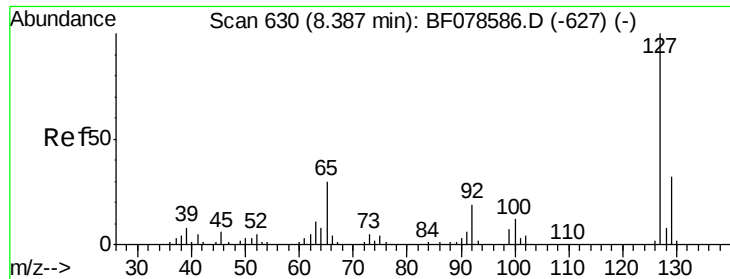


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

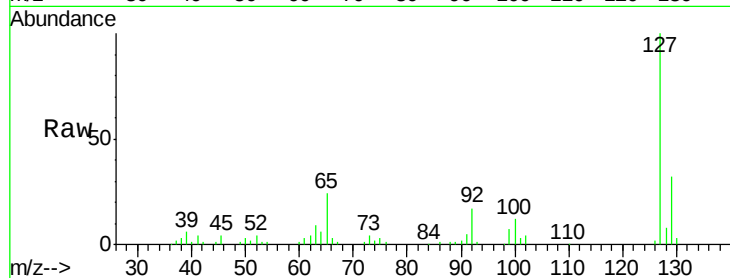




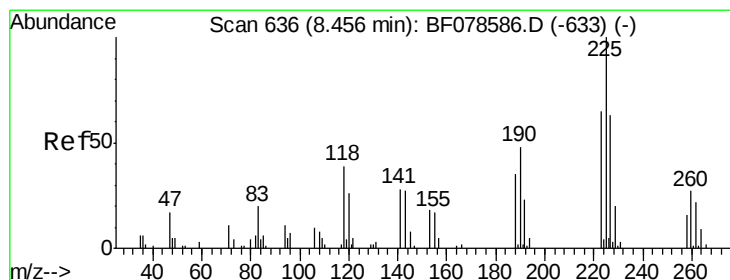
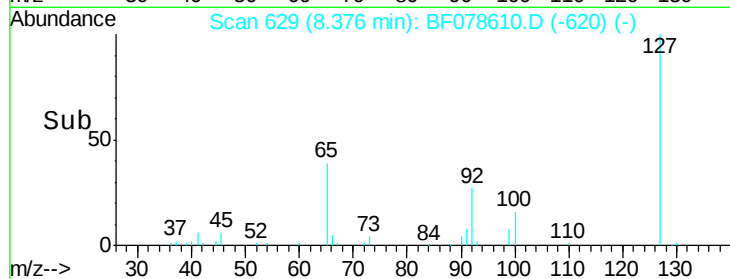
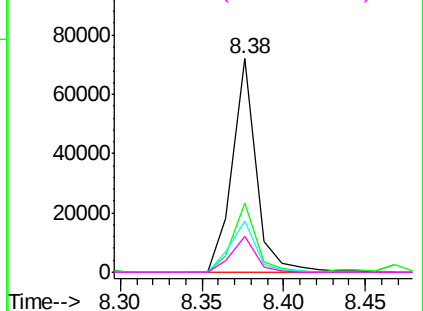
#33
4-Chloroaniline
Concen: 17.94 ng
RT: 8.38 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tgt Ion:	127	Resp:	72769
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	24.1	21.7	32.5
92	16.9	14.6	21.8

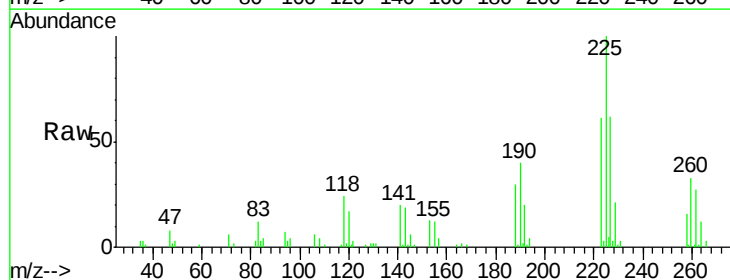


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

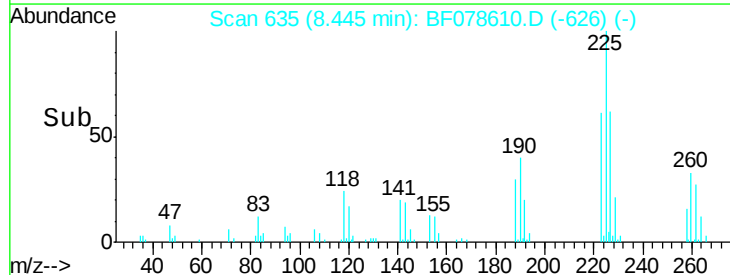
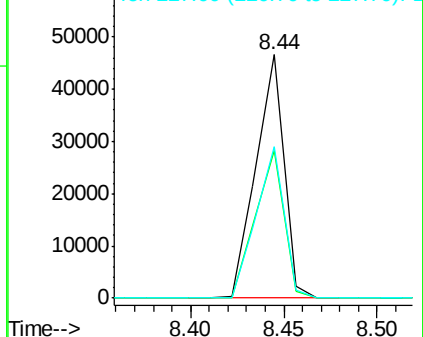


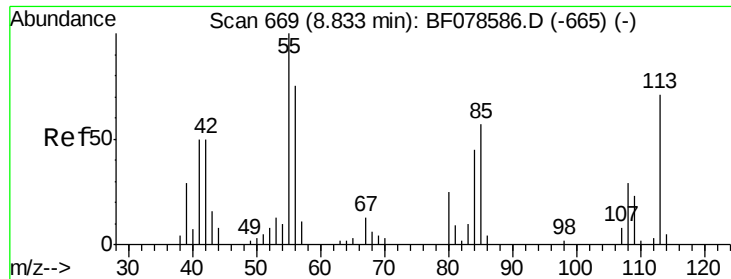
#34
Hexachlorobutadiene
Concen: 29.43 ng
RT: 8.44 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:	225	Resp:	48372
Ion	Ratio	Lower	Upper
225	100		
223	60.6	47.5	71.3
227	62.2	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

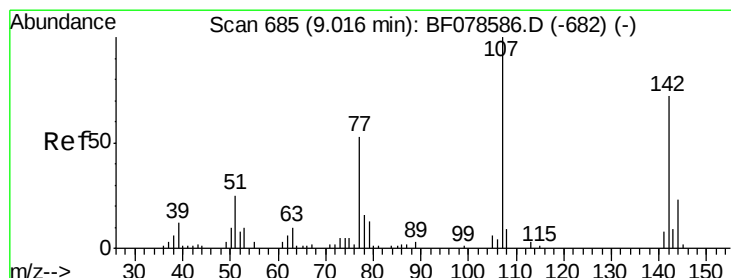
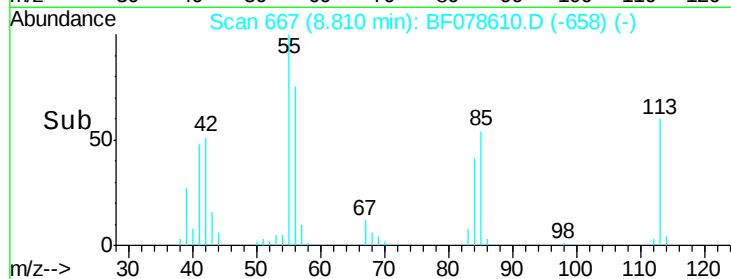
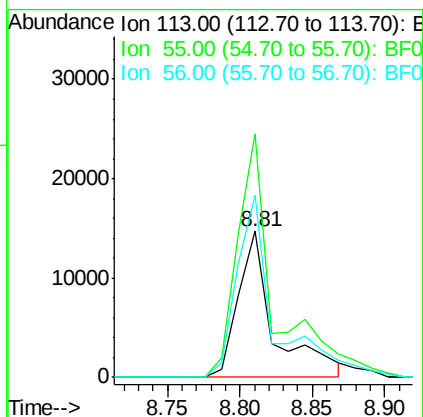
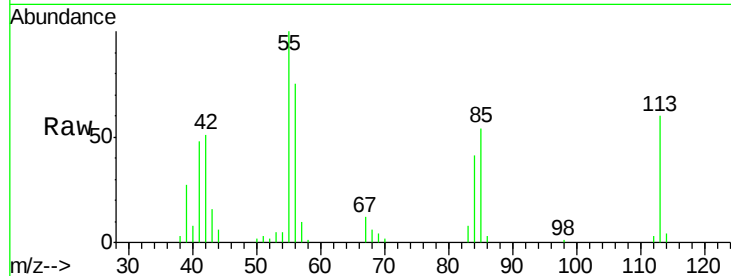




#35
 Caprolactam
 Concen: 32.33 ng
 RT: 8.81 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

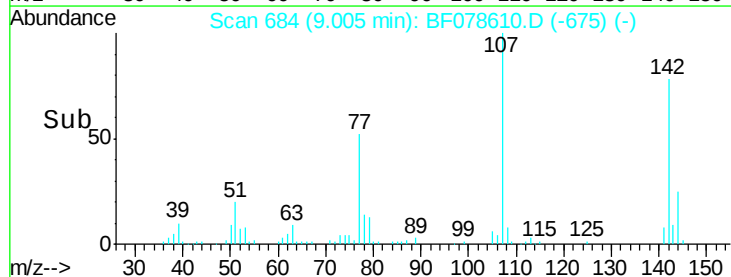
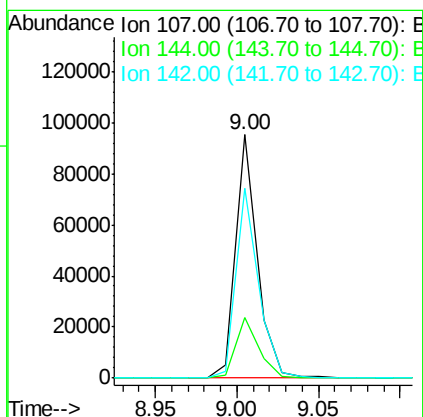
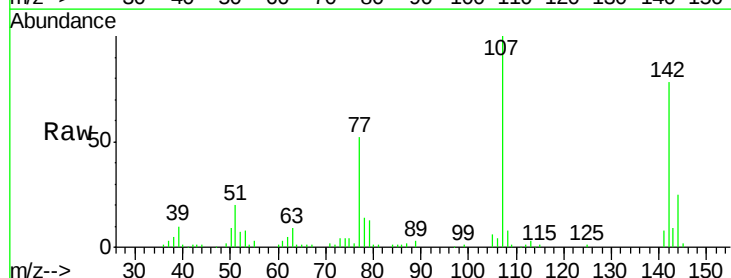
Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

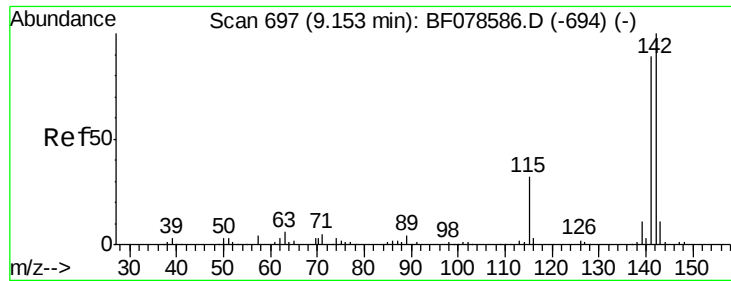
Tgt Ion:113 Resp: 25197
 Ion Ratio Lower Upper
 113 100
 55 166.9 151.9 191.9
 56 124.6 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 33.08 ng
 RT: 9.00 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:107 Resp: 87146
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.2 27.2
 142 78.0 58.0 87.0

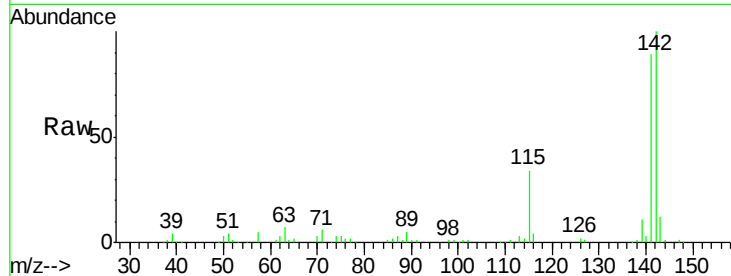




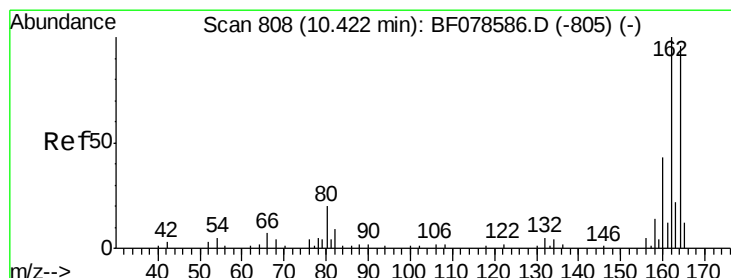
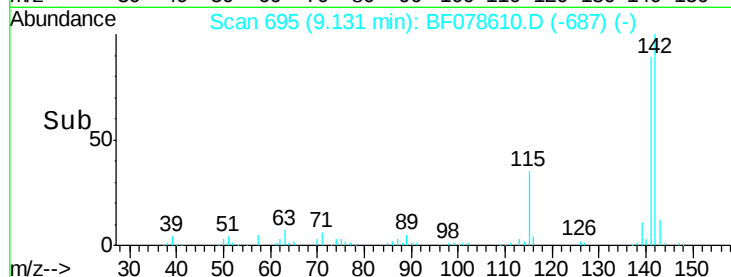
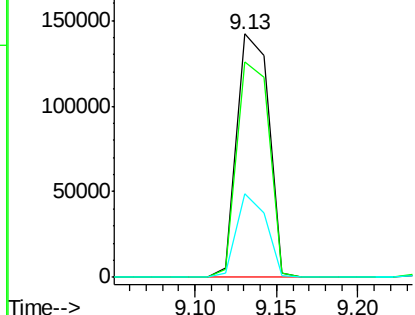
#37
 2-Methylnaphthalene
 Concen: 28.96 ng
 RT: 9.13 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:142 Resp: 192151
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.3 105.5
 115 34.4 24.6 37.0

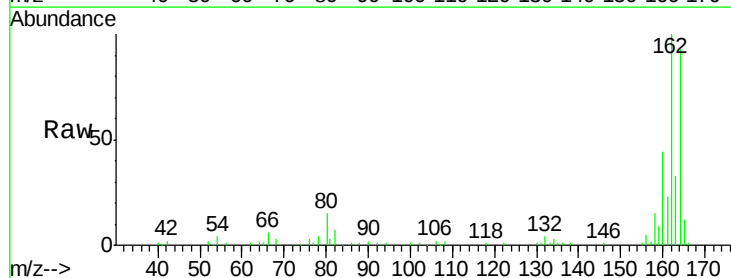


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

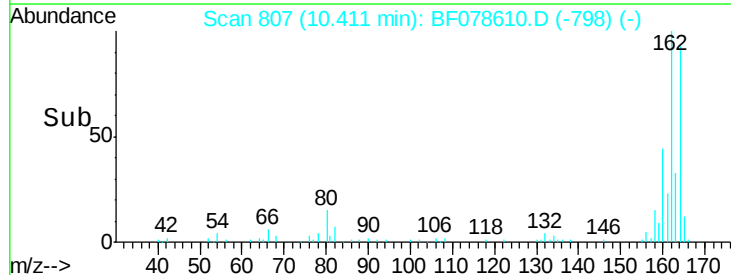
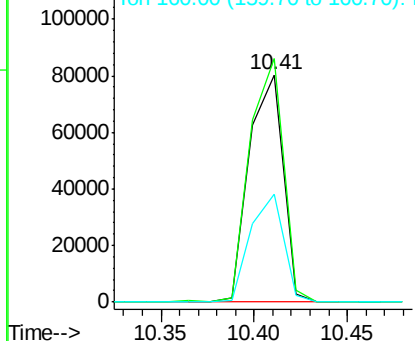


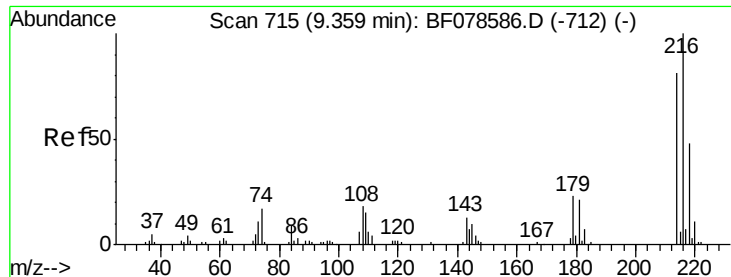
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:164 Resp: 100784
 Ion Ratio Lower Upper
 164 100
 162 107.0 82.2 123.2
 160 47.2 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

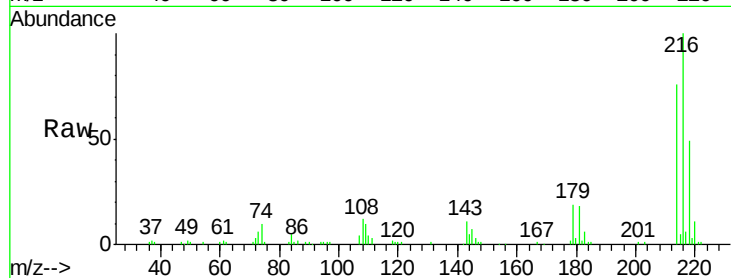




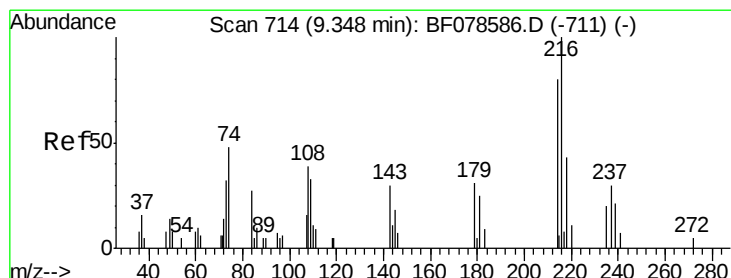
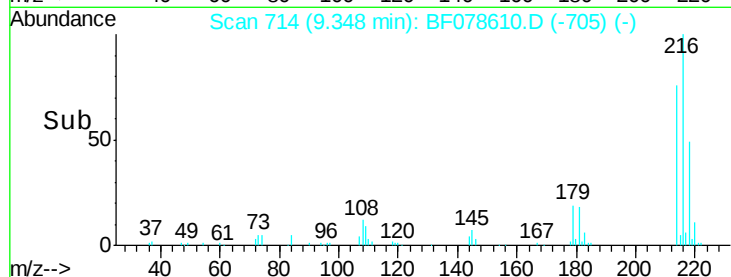
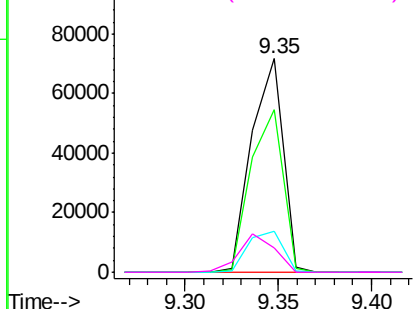
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.98 ng
 RT: 9.35 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:	216	Resp:	84248
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.0	93.0
179	21.4	17.3	25.9
108	20.8	14.6	21.8

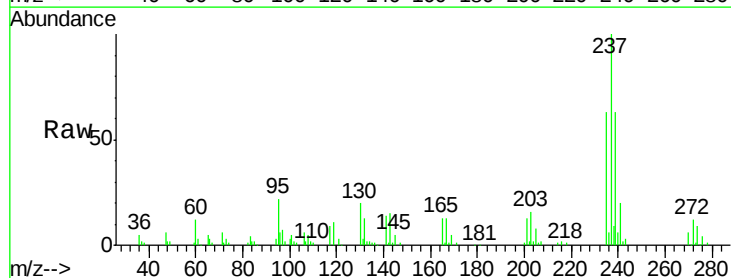


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

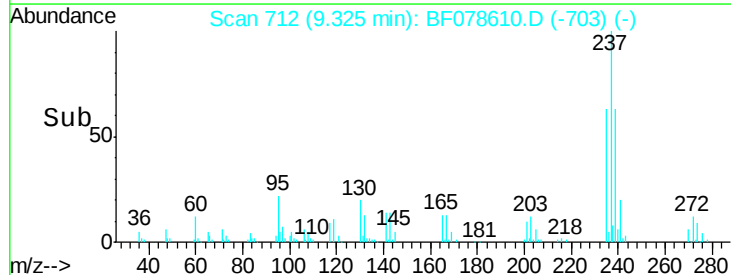
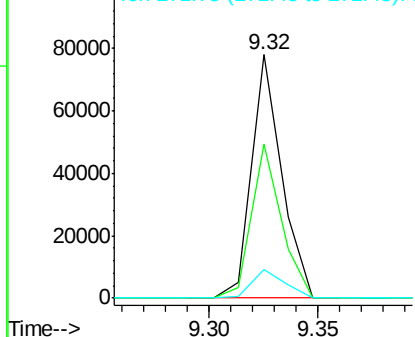


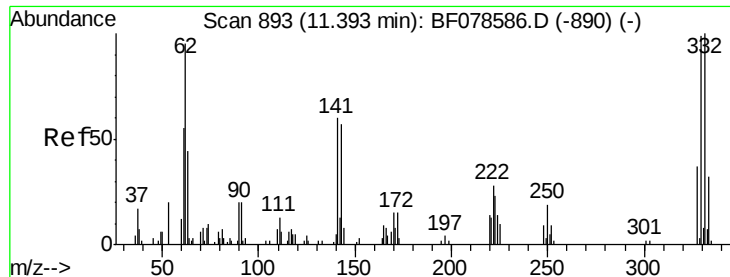
#40
 Hexachlorocyclopentadiene
 Concen: 57.85 ng
 RT: 9.32 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:	237	Resp:	74997
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.1	84.1
272	11.8	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

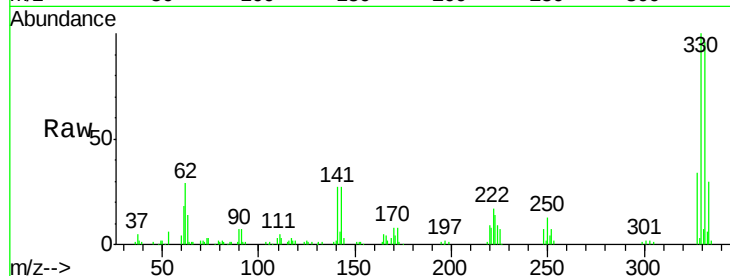




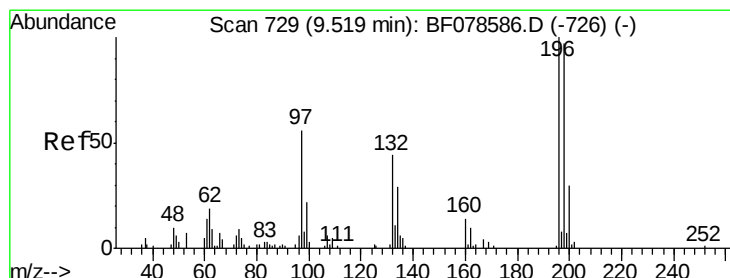
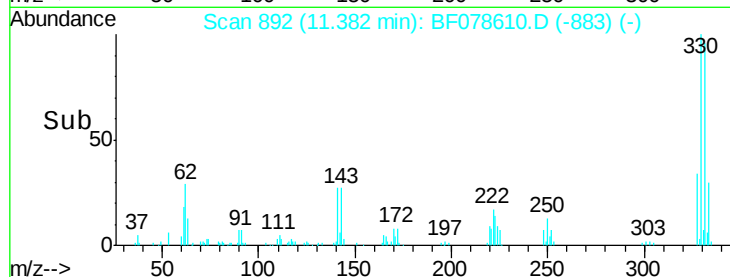
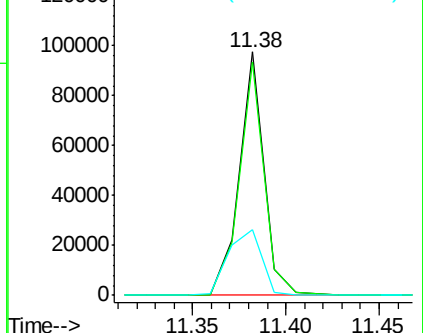
#41
 2,4,6-Tribromophenol
 Concen: 107.77 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:330 Resp: 90078
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 36.9 31.2 46.8

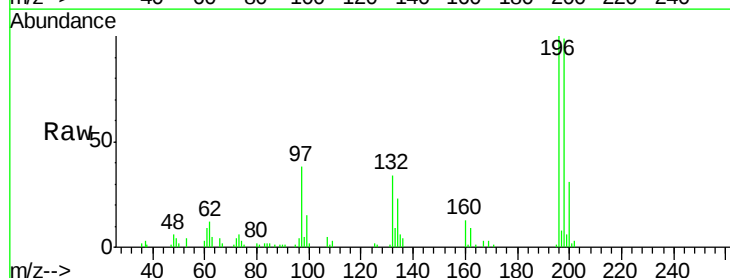


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

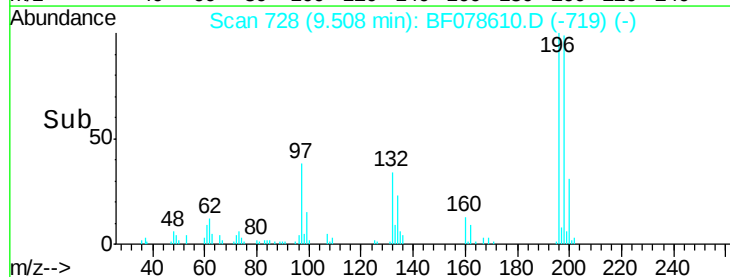
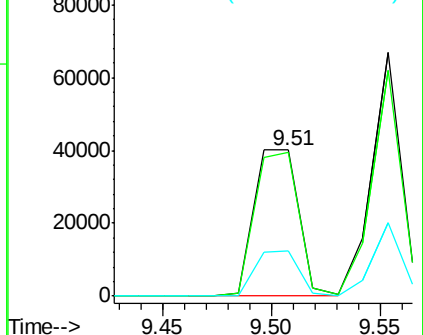


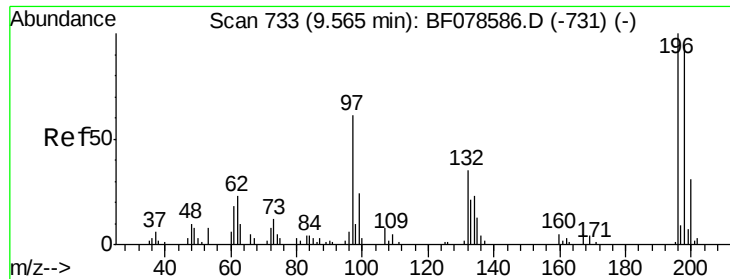
#42
 2,4,6-Trichlorophenol
 Concen: 29.15 ng
 RT: 9.51 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:196 Resp: 57408
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.4 113.2
 200 30.6 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

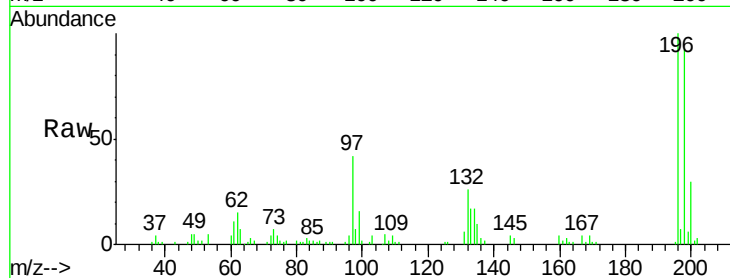




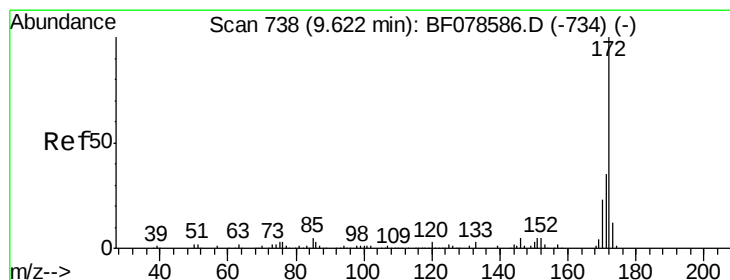
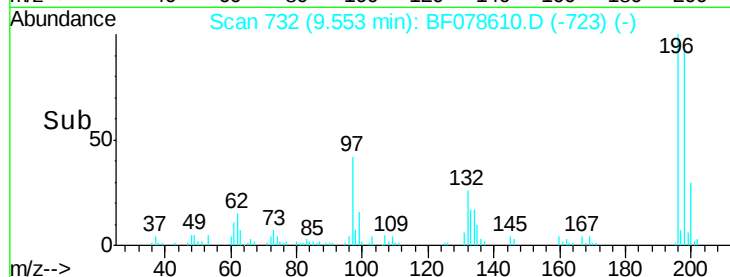
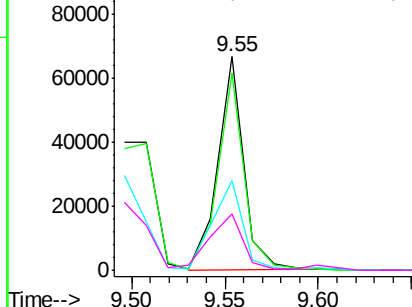
#43
 2,4,5-Trichlorophenol
 Concen: 31.34 ng
 RT: 9.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:196 Resp: 64483
 Ion Ratio Lower Upper
 196 100
 198 92.4 76.6 115.0
 97 41.9 50.6 75.8#
 132 26.3 27.7 41.5#

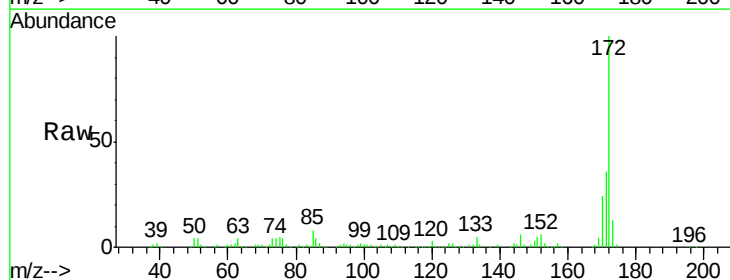


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

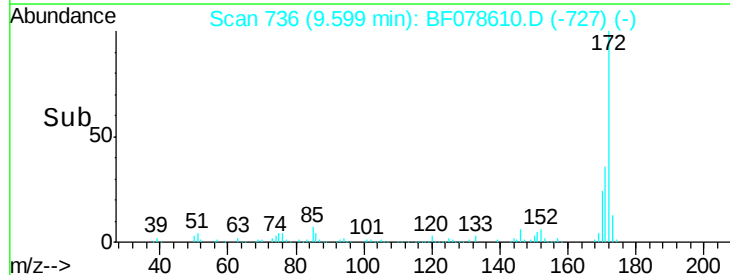
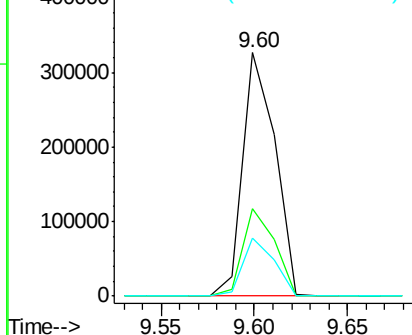


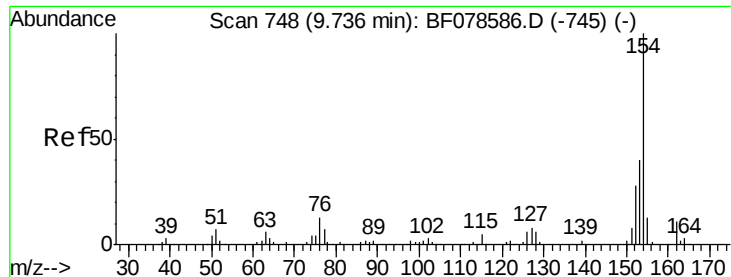
#44
 2-Fluorobiphenyl
 Concen: 55.58 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:172 Resp: 391846
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.9 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

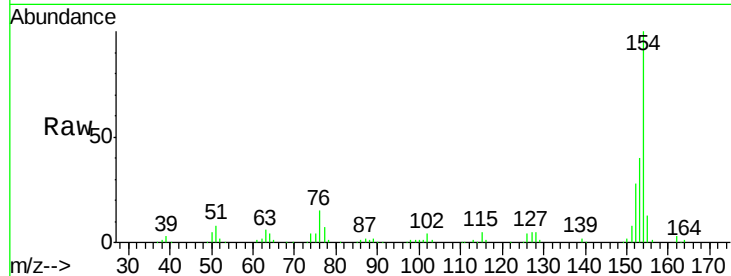




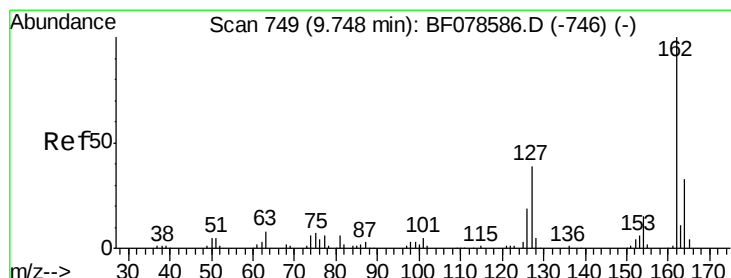
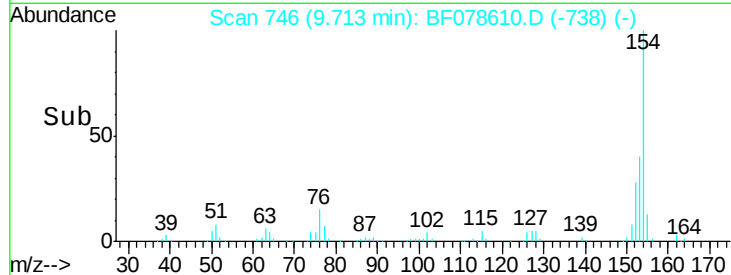
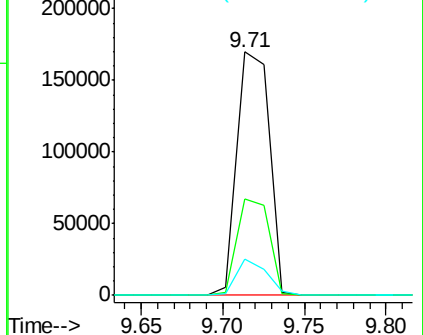
#45
 1,1'-Biphenyl
 Concen: 28.18 ng
 RT: 9.71 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:154 Resp: 232302
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.0 60.0
 76 14.7 0.0 30.6

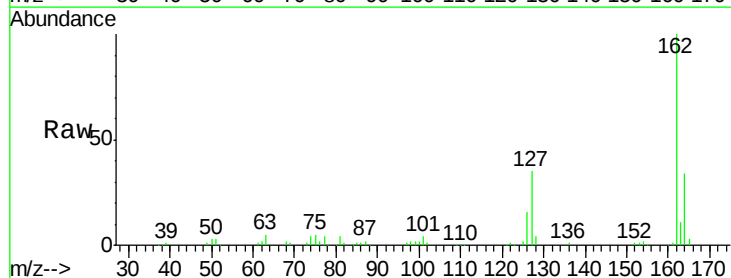


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

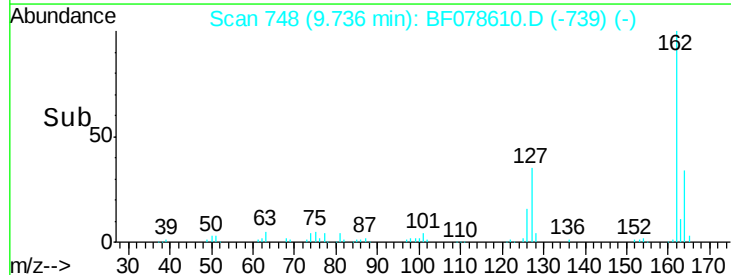
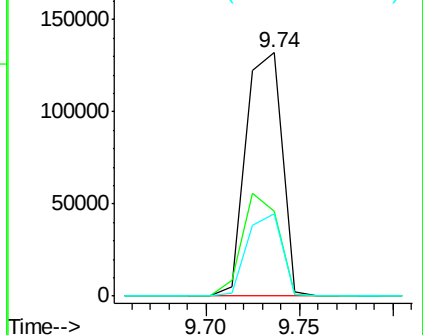


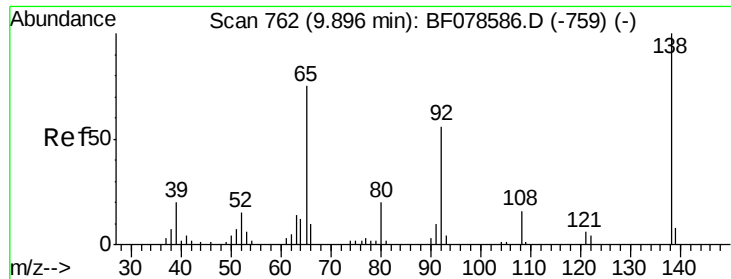
#46
 2-Chloronaphthalene
 Concen: 27.76 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:162 Resp: 180038
 Ion Ratio Lower Upper
 162 100
 127 34.7 32.6 49.0
 164 33.8 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

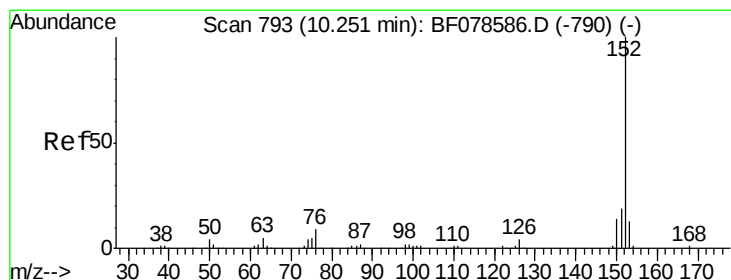
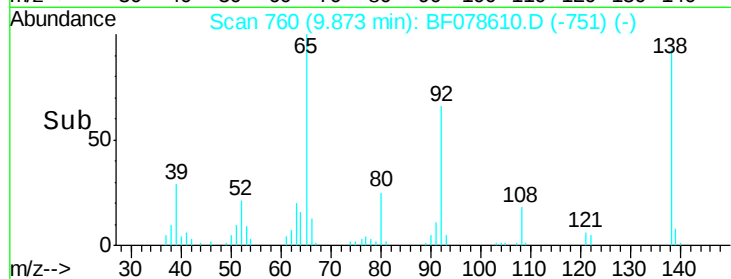
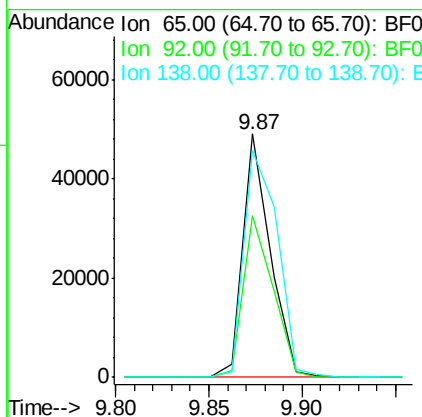
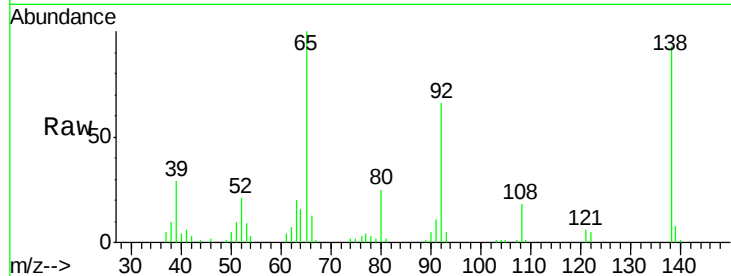




#47
 2-Nitroaniline
 Concen: 31.53 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

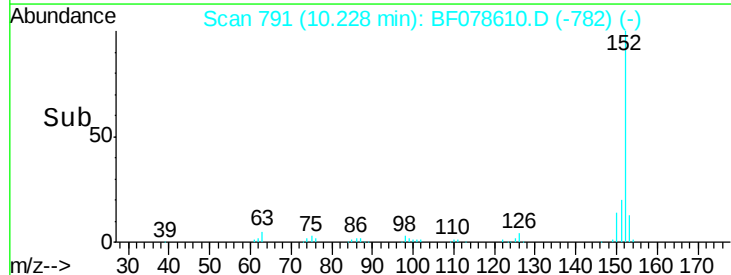
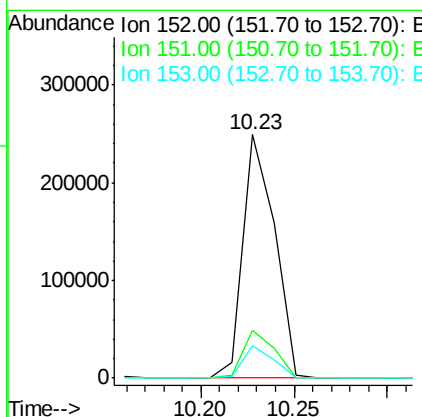
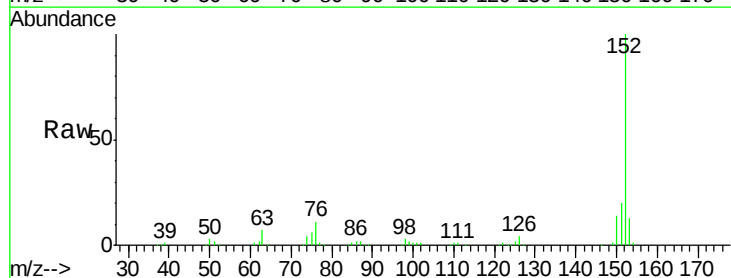
Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

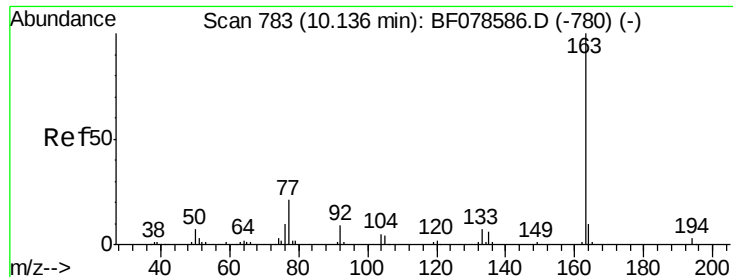
Tgt Ion: 65 Resp: 50604
 Ion Ratio Lower Upper
 65 100
 92 66.4 51.3 76.9
 138 93.2 70.4 105.6



#48
 Acenaphthylene
 Concen: 28.03 ng
 RT: 10.23 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion: 152 Resp: 293592
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 13.4 10.2 15.2

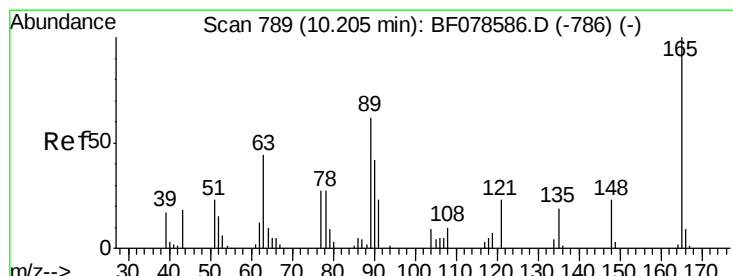
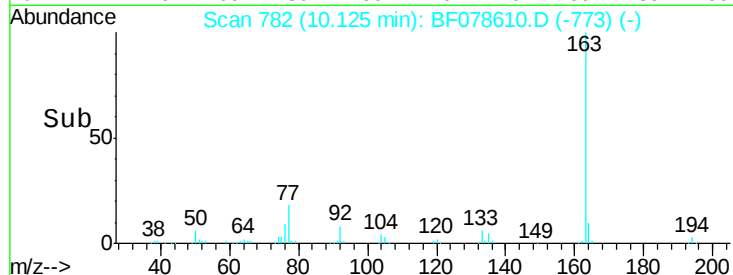
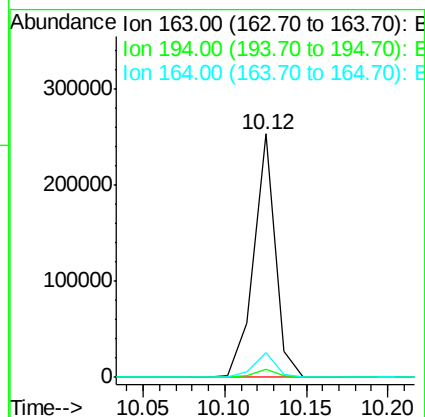
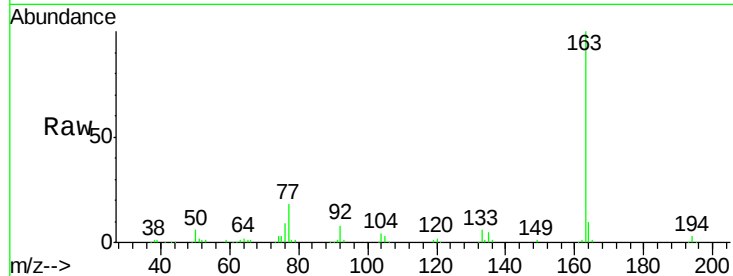




#49
Dimethylphthalate
Concen: 30.58 ng
RT: 10.12 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

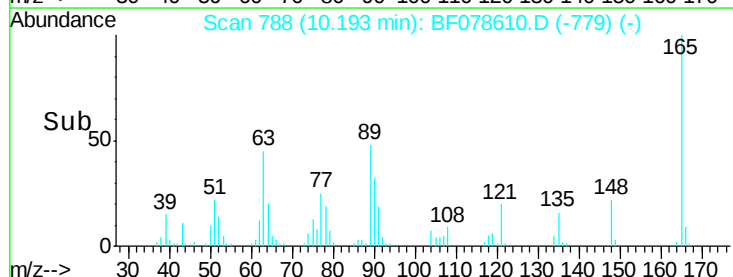
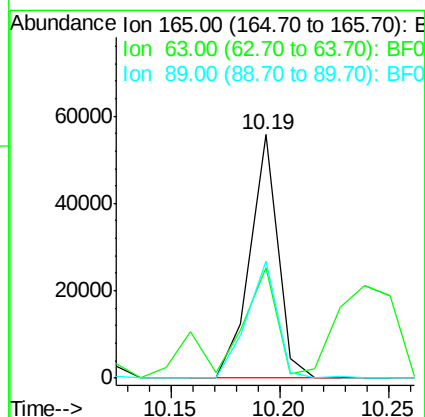
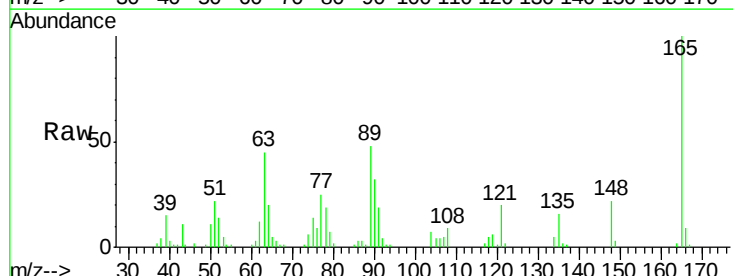
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

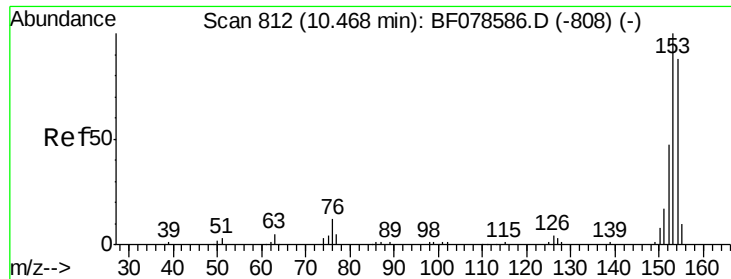
Tgt Ion:163 Resp: 231512
Ion Ratio Lower Upper
163 100
194 3.4 2.3 3.5
164 10.0 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 31.96 ng
RT: 10.19 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:165 Resp: 49785
Ion Ratio Lower Upper
165 100
63 45.4 24.1 36.1#
89 48.2 28.9 43.3#

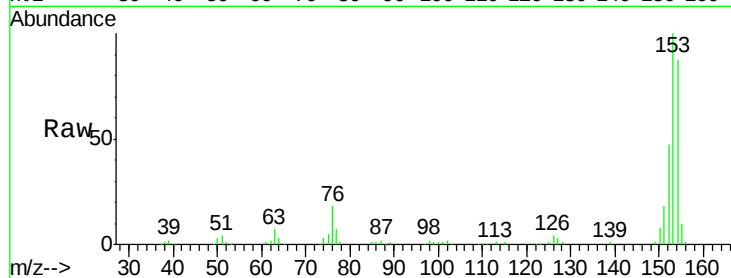




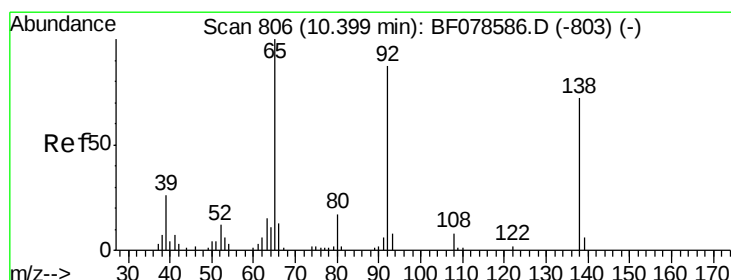
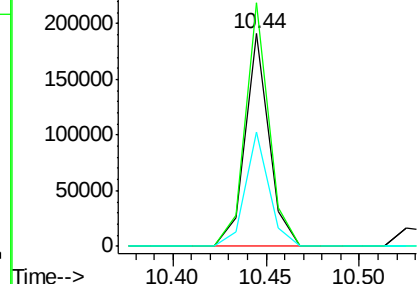
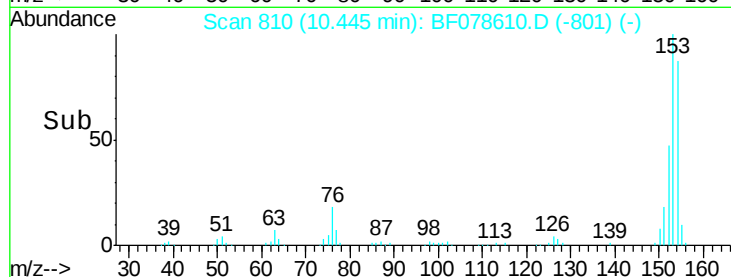
#51
Acenaphthene
Concen: 28.90 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tgt Ion:154 Resp: 170448
Ion Ratio Lower Upper
154 100
153 114.4 91.4 137.2
152 53.9 43.0 64.6

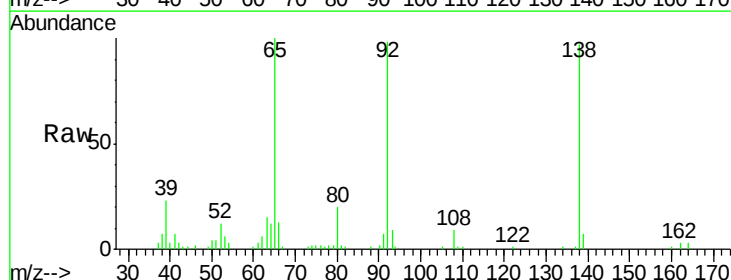


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

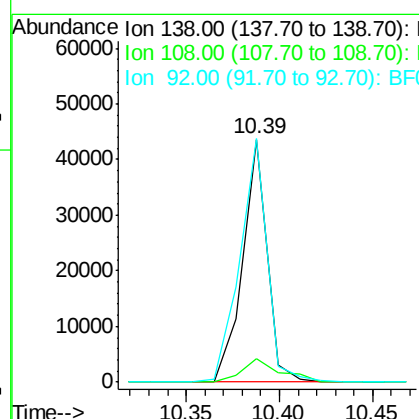
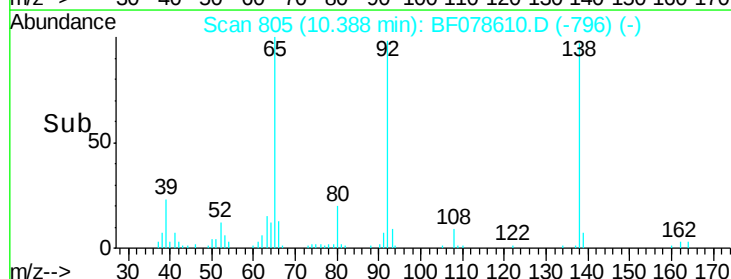


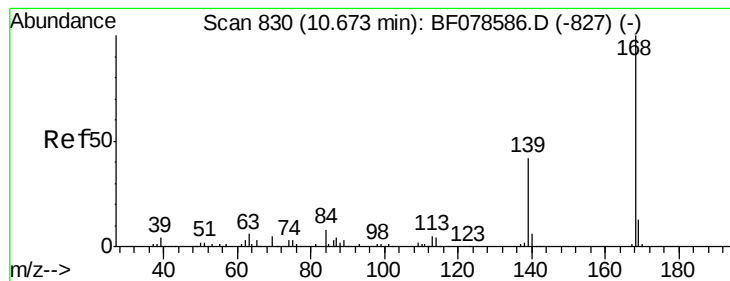
#52
3-Nitroaniline
Concen: 22.68 ng
RT: 10.39 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:138 Resp: 40179
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.4
92 100.4 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

Dibenzofuran

Concen: 30.20 ng

RT: 10.66 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

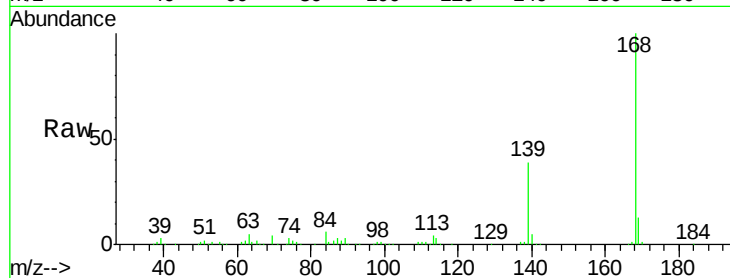
Tgt Ion:168 Resp: 272023

Ion Ratio Lower Upper

168 100

139 38.8 31.0 46.4

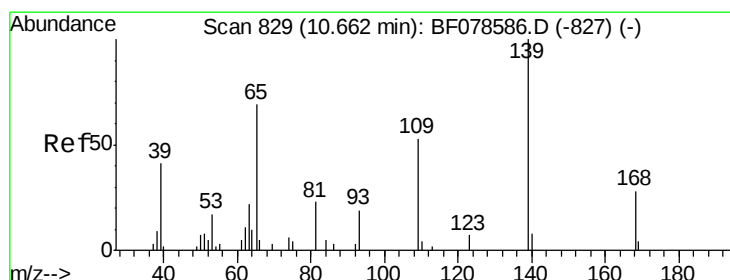
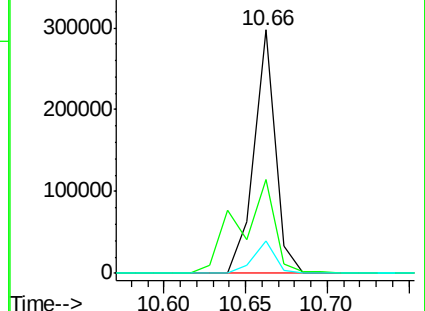
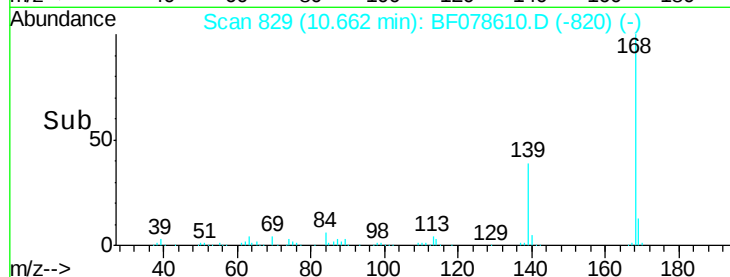
169 13.3 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 134.41 ng

RT: 10.66 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

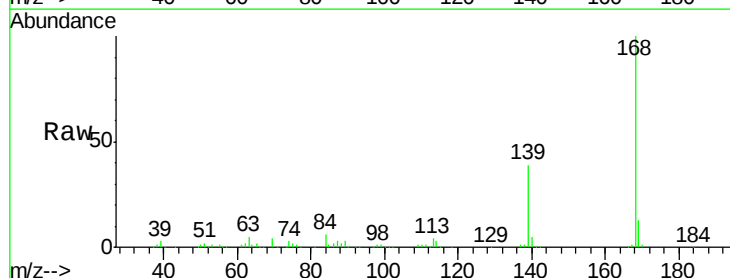
Tgt Ion:139 Resp: 177850

Ion Ratio Lower Upper

139 100

109 3.0 36.7 76.7#

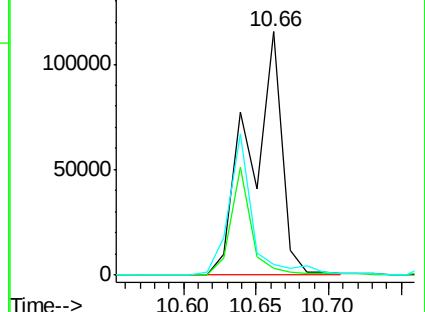
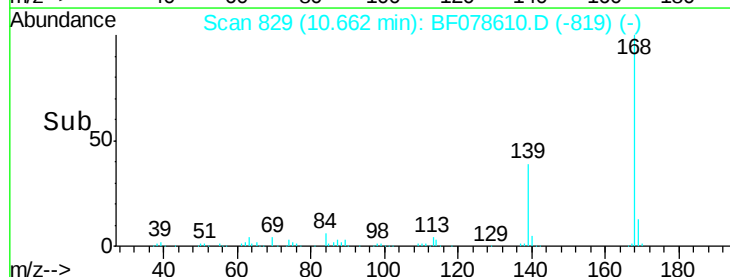
65 4.2 49.9 89.9#

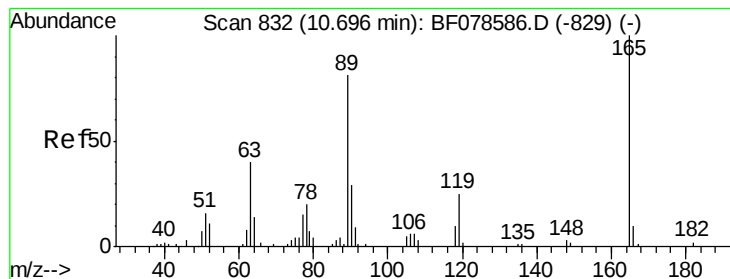


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 34.82 ng

RT: 10.68 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

Tgt Ion:165 Resp: 70244

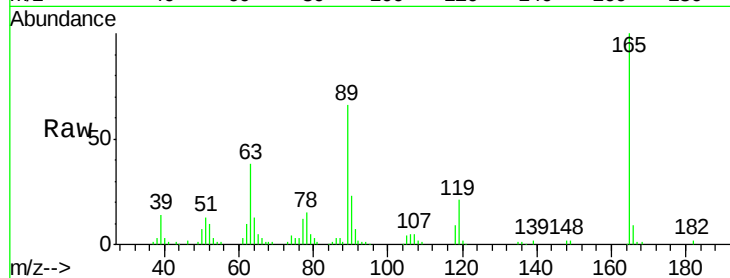
Ion Ratio Lower Upper

165 100

63 38.1 26.5 39.7

89 65.8 46.4 69.6

182 2.4 2.0 3.0

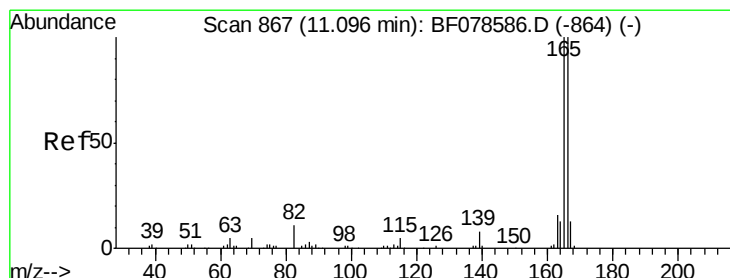
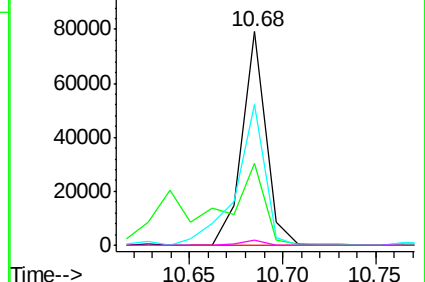
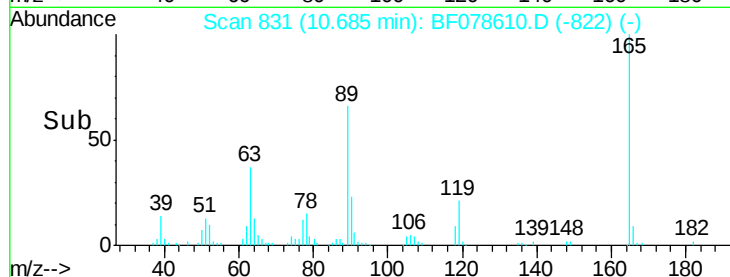


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 30.91 ng

RT: 11.09 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

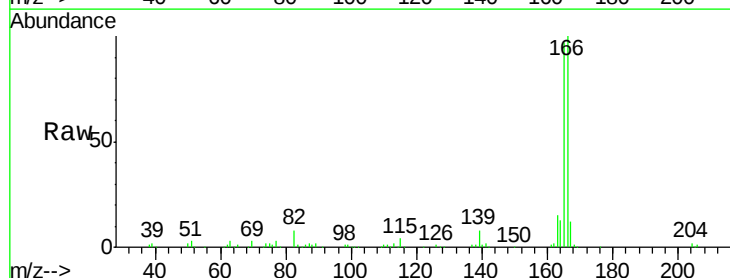
Tgt Ion:166 Resp: 225667

Ion Ratio Lower Upper

166 100

165 96.6 78.9 118.3

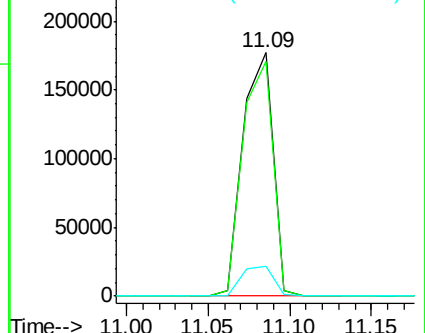
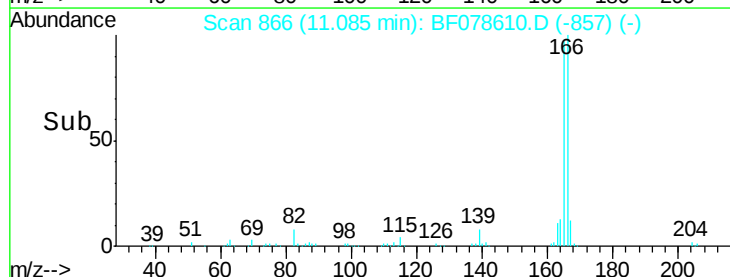
167 12.3 10.7 16.1

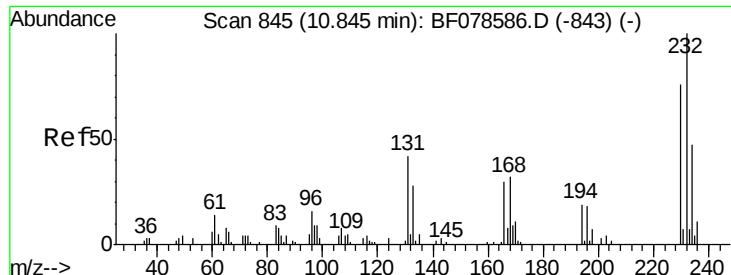


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

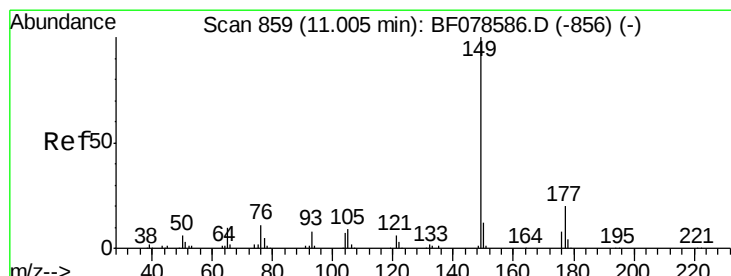
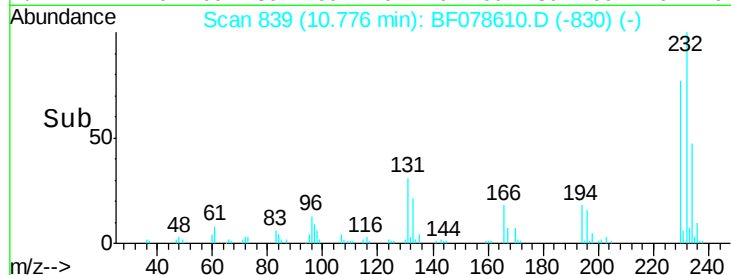
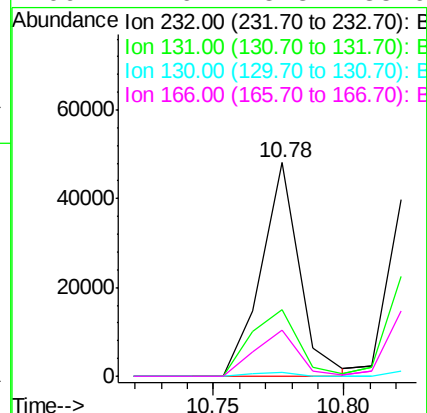
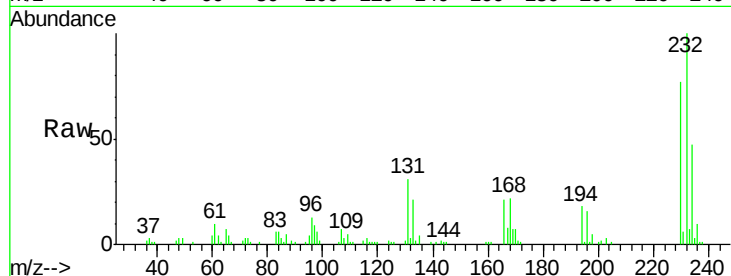




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.77 ng
 RT: 10.78 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

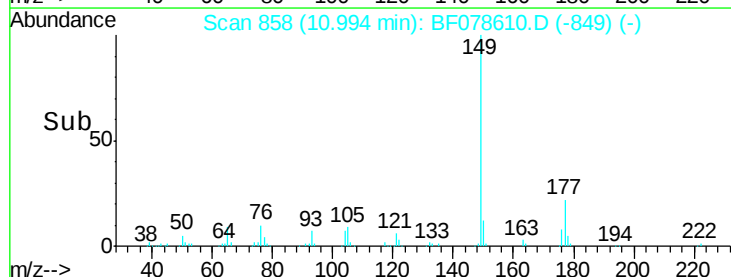
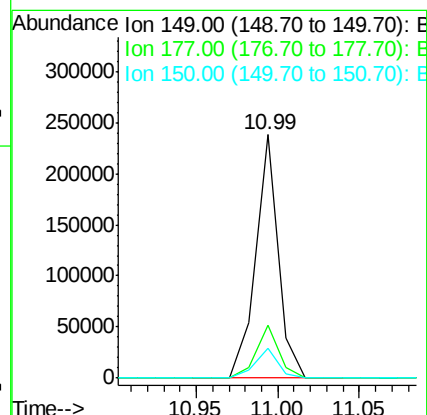
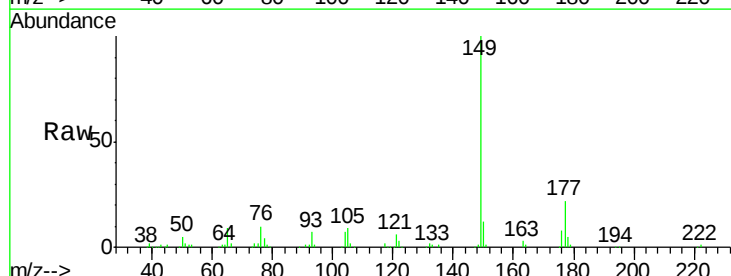
Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

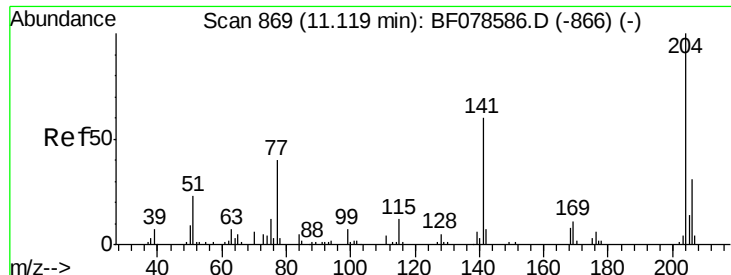
Tgt Ion:	232	Resp:	48458
Ion	Ratio	Lower	Upper
232	100		
131	39.2	37.8	56.8
130	2.2	1.5	2.3
166	24.6	25.8	38.6#



#59
 Diethylphthalate
 Concen: 31.27 ng
 RT: 10.99 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:	149	Resp:	228259
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	12.2	9.4	14.2

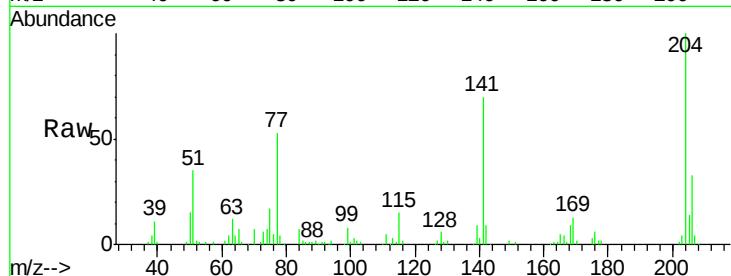




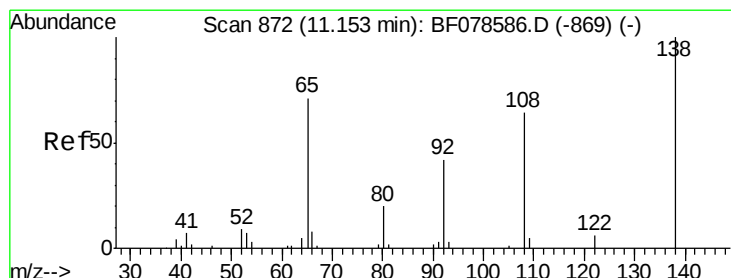
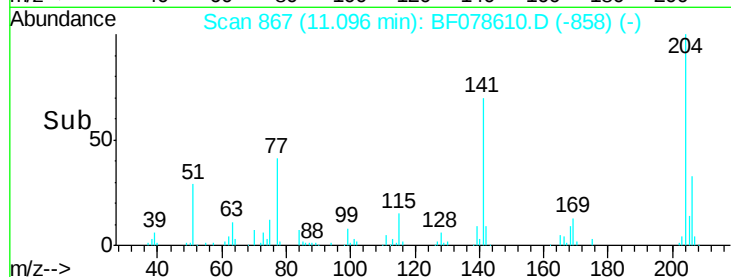
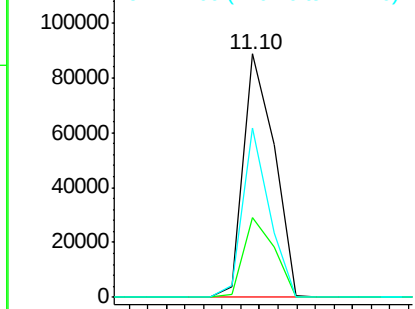
#60
 4-Chlorophenyl-phenylether
 Concen: 30.42 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:204 Resp: 102180
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.6 38.4
 141 69.5 35.4 53.0#

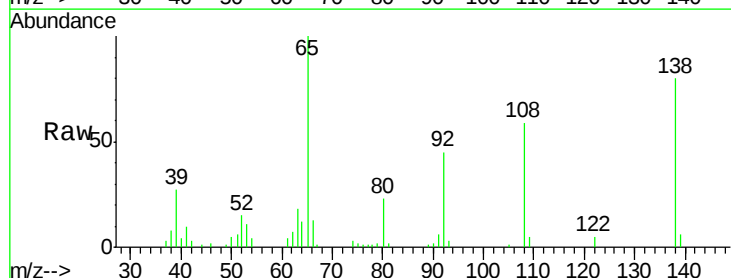


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

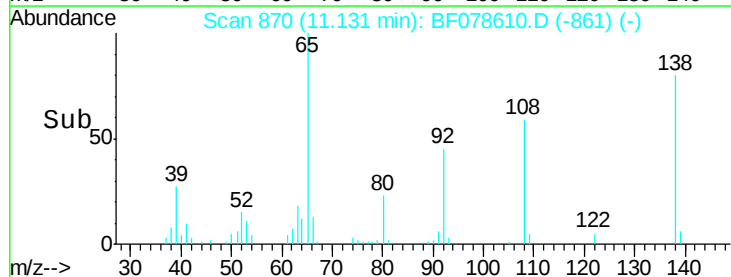
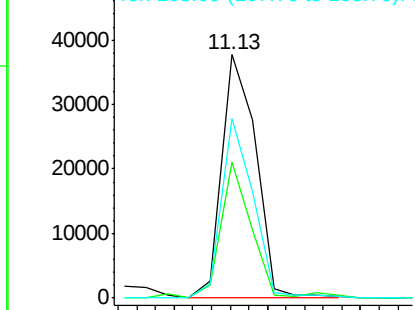


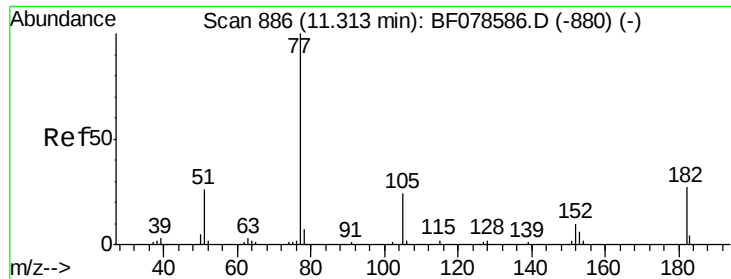
#61
 4-Nitroaniline
 Concen: 27.04 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:138 Resp: 48418
 Ion Ratio Lower Upper
 138 100
 92 55.8 27.3 67.3
 108 73.7 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: 35.11 ng

RT: 11.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

Tgt Ion: 77 Resp: 233943

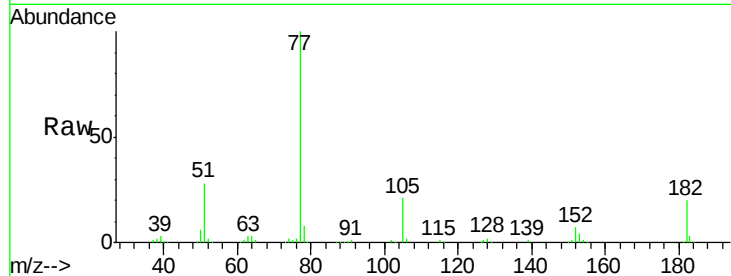
Ion Ratio Lower Upper

77 100

182 20.3 0.0 36.8

105 21.5 0.3 40.3

51 27.5 9.1 49.1

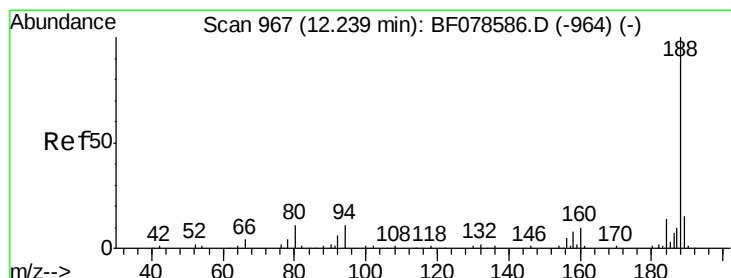
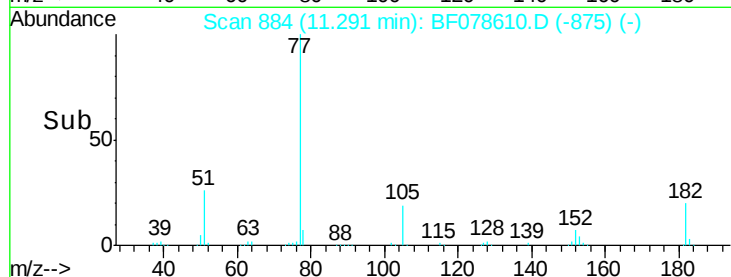
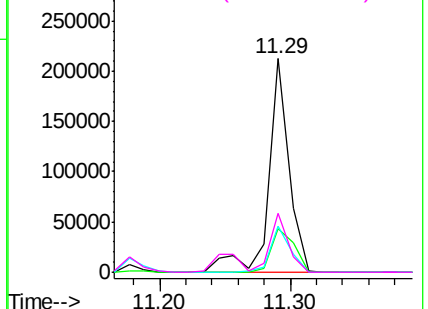


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF078610.D

Acq: 17 Apr 2015 17:31

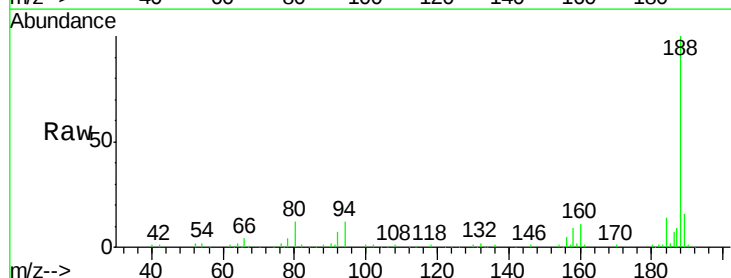
Tgt Ion: 188 Resp: 209175

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

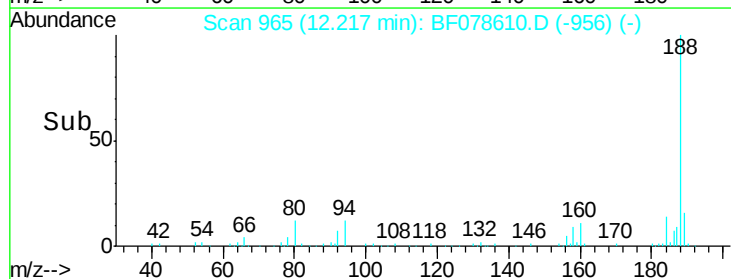
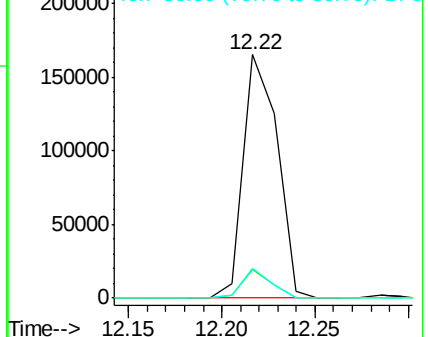
80 12.1 9.5 14.3

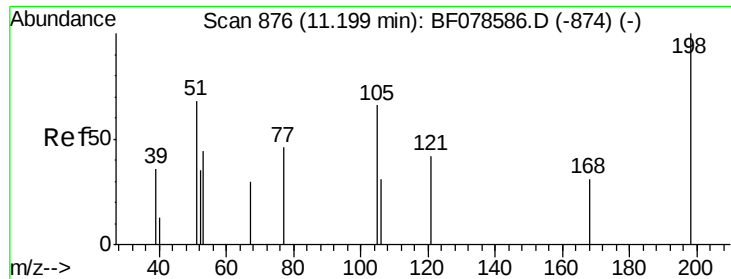


Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.27 ng

RT: 11.18 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

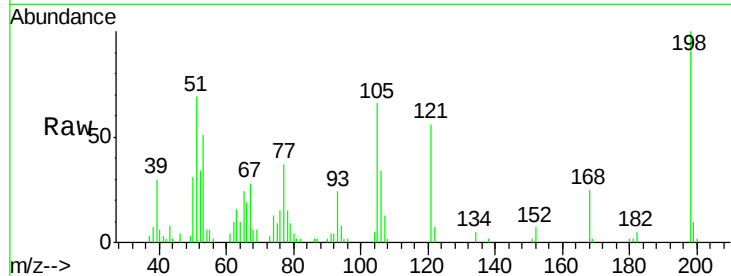
Tgt Ion:198 Resp: 29957

Ion Ratio Lower Upper

198 100

51 69.2 48.6 88.6

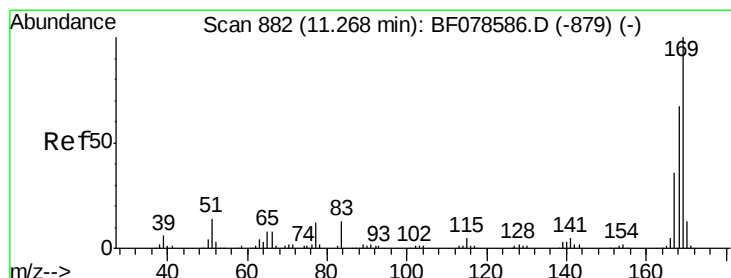
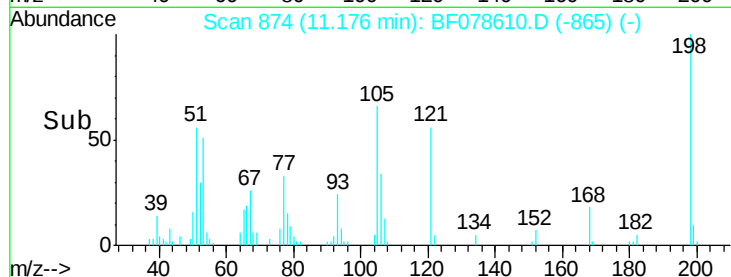
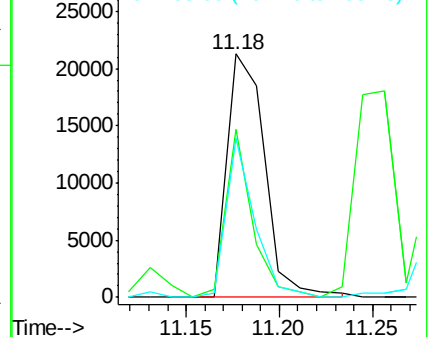
105 65.5 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 27.44 ng

RT: 11.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

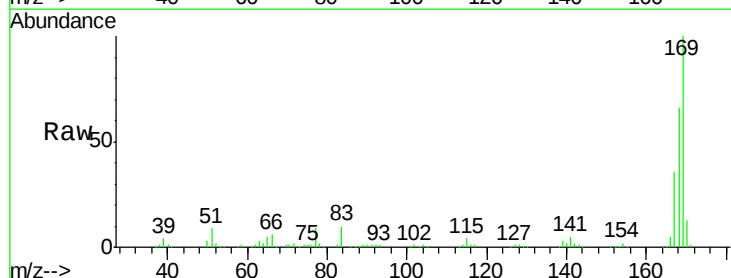
Tgt Ion:169 Resp: 198540

Ion Ratio Lower Upper

169 100

168 66.1 55.0 82.4

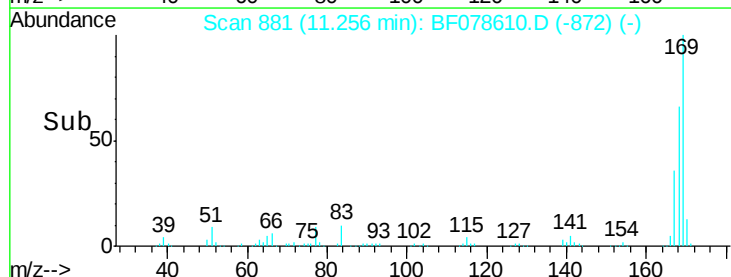
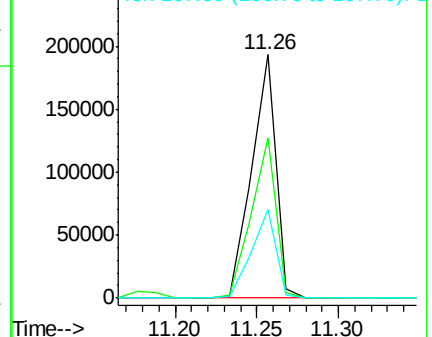
167 36.4 29.3 43.9

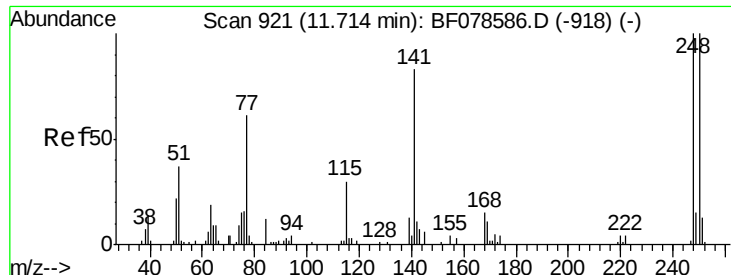


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

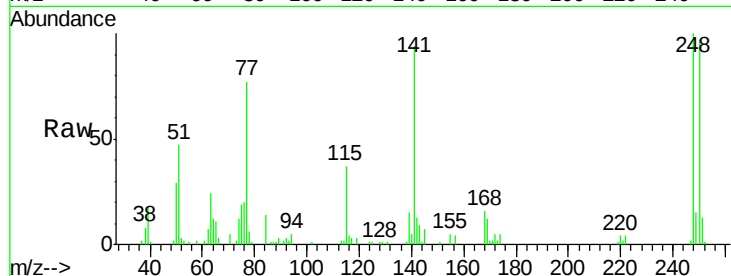




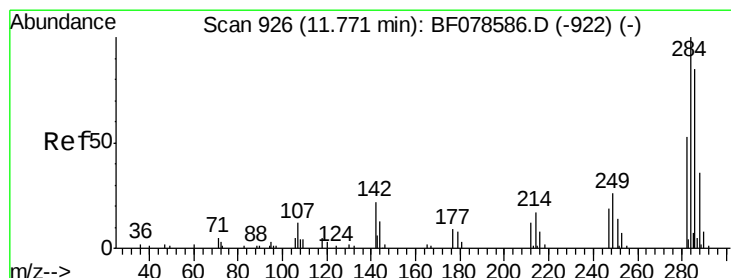
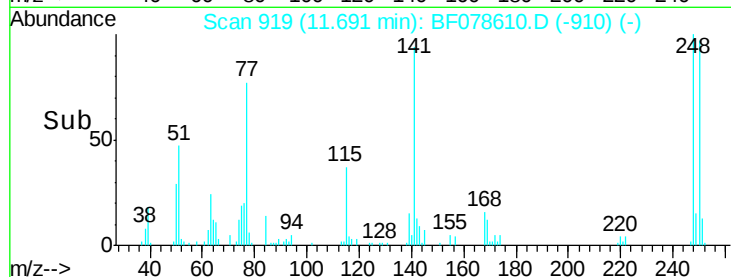
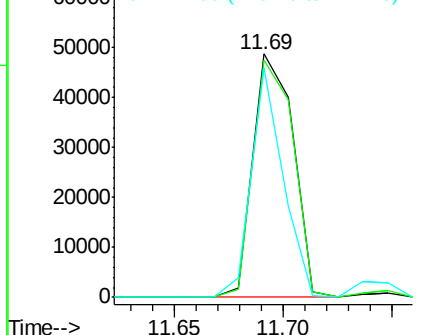
#66
 4-Bromophenyl-phenylether
 Concen: 28.43 ng
 RT: 11.69 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:248 Resp: 62971
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.2 117.2
 141 94.4 66.4 99.6

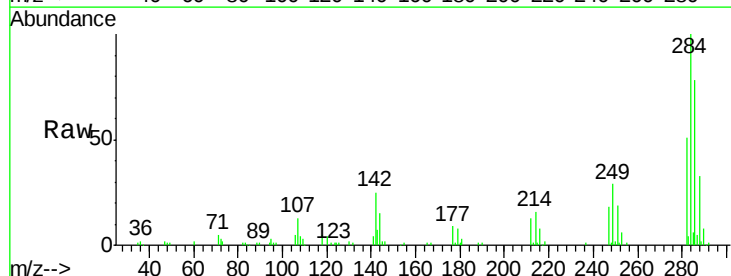


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

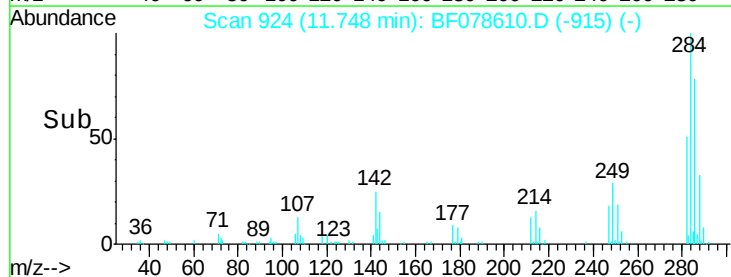
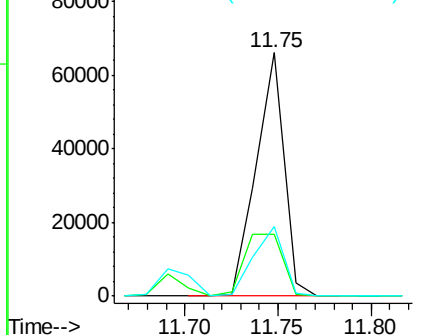


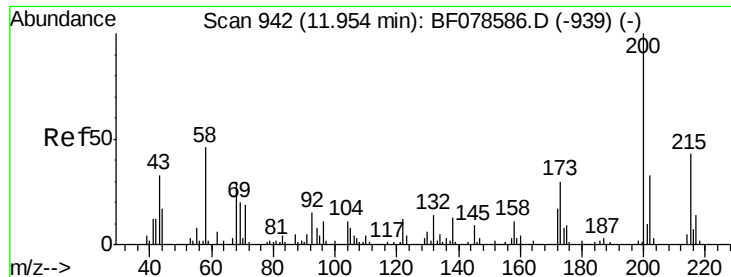
#67
 Hexachlorobenzene
 Concen: 28.08 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:284 Resp: 68160
 Ion Ratio Lower Upper
 284 100
 142 25.2 24.5 36.7
 249 28.6 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

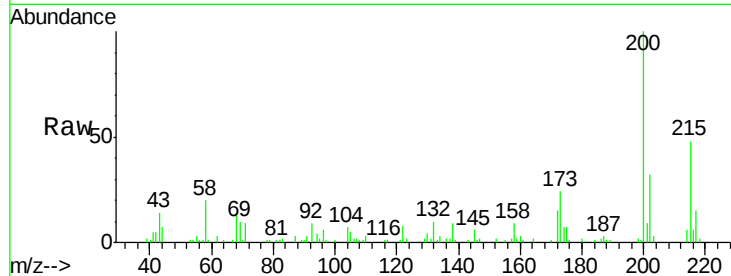




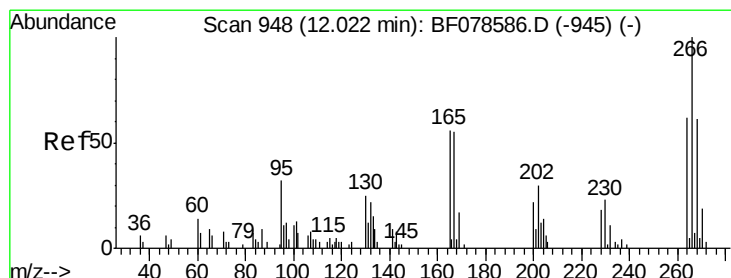
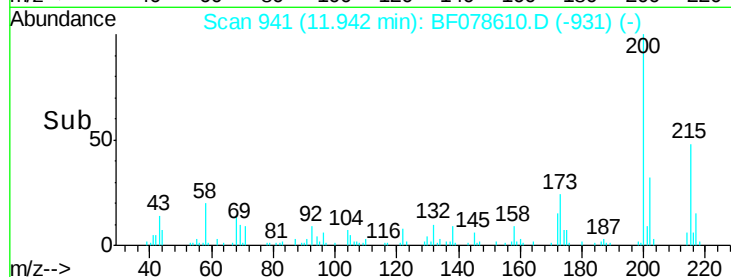
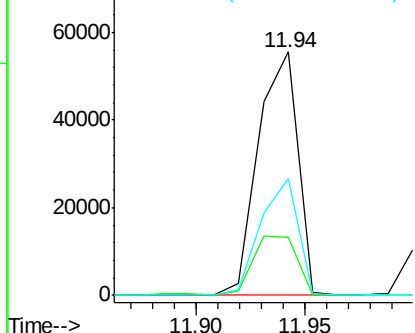
#68
 Atrazine
 Concen: 33.81 ng
 RT: 11.94 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tgt Ion:200 Resp: 70847
 Ion Ratio Lower Upper
 200 100
 173 23.8 6.9 46.9
 215 47.9 27.1 67.1

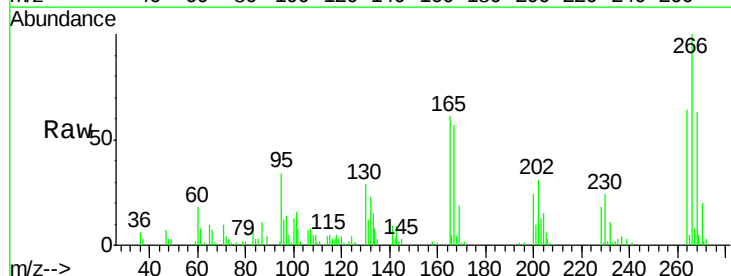


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

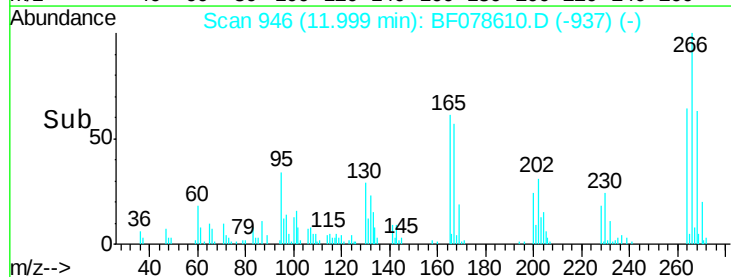
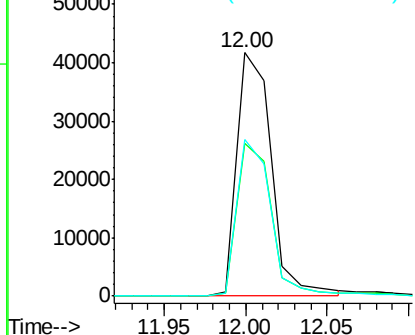


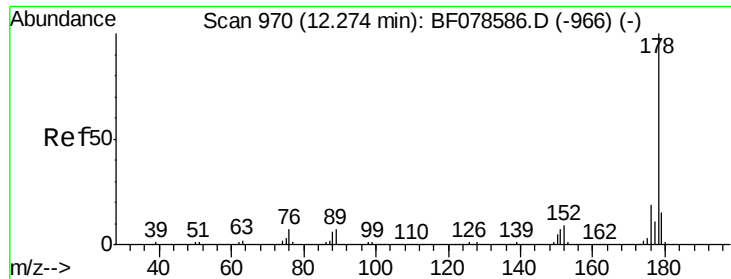
#69
 Pentachlorophenol
 Concen: 58.82 ng
 RT: 12.00 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion:266 Resp: 60873
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.1 75.1
 264 64.4 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

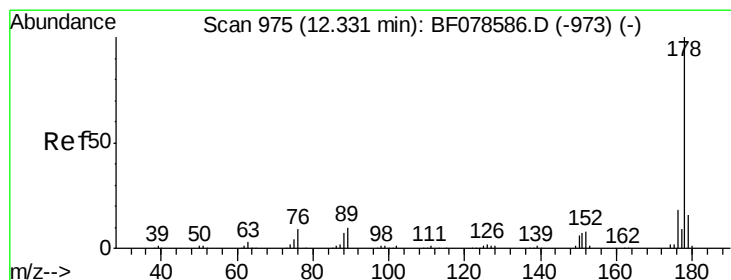
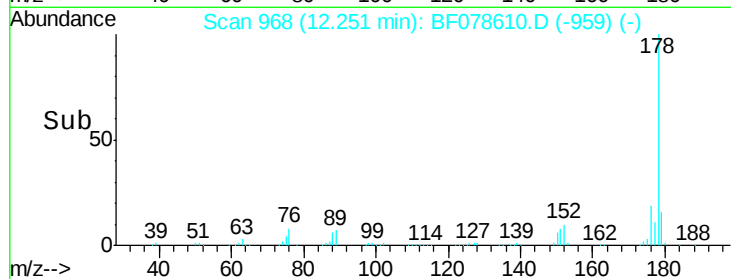
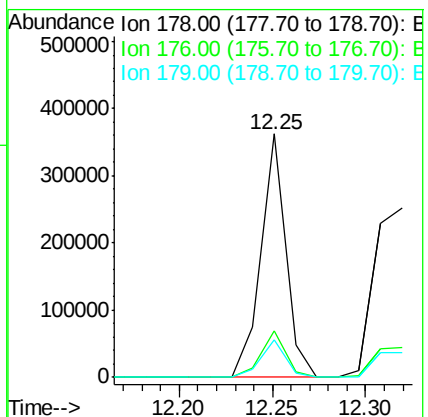
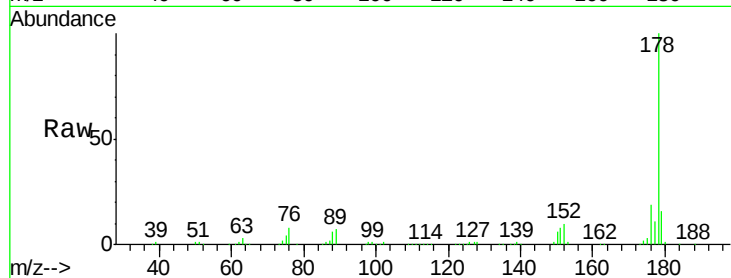




#70
Phenanthrene
Concen: 27.59 ng
RT: 12.25 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

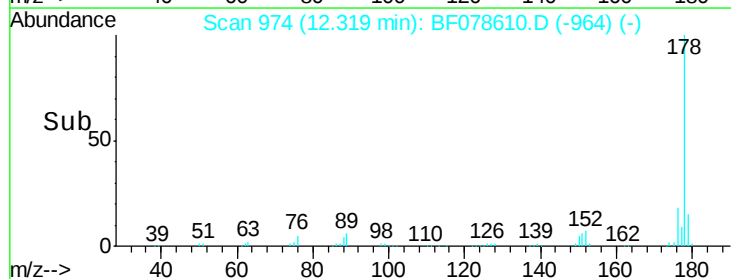
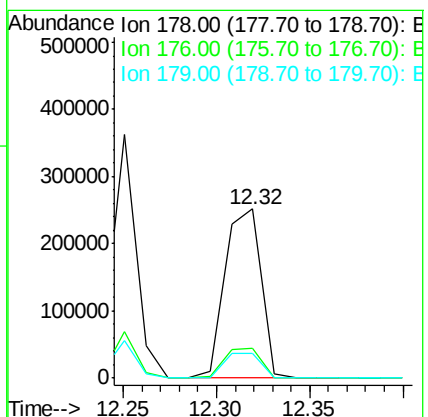
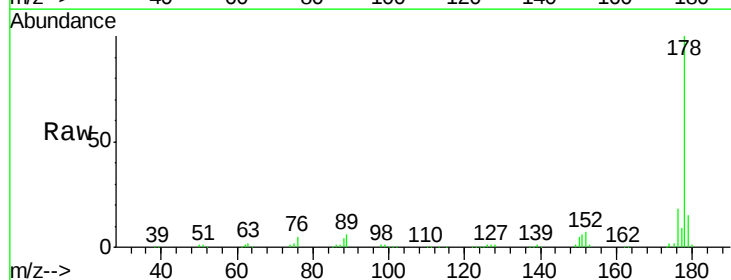
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

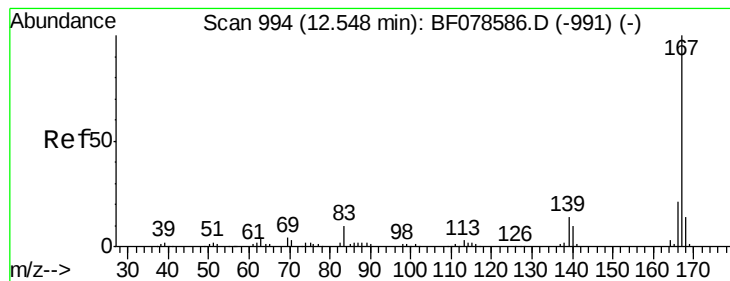
Tgt Ion:178 Resp: 333807
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.5 12.2 18.2



#71
Anthracene
Concen: 28.58 ng
RT: 12.32 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:178 Resp: 340797
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 14.6 12.4 18.6





#72

Carbazole

Concen: 29.54 ng

RT: 12.53 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

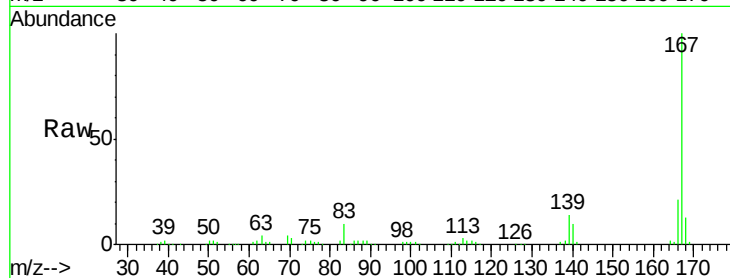
Tgt Ion:167 Resp: 330115

Ion Ratio Lower Upper

167 100

166 20.7 16.8 25.2

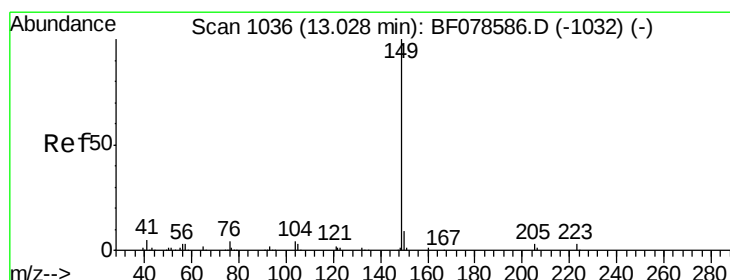
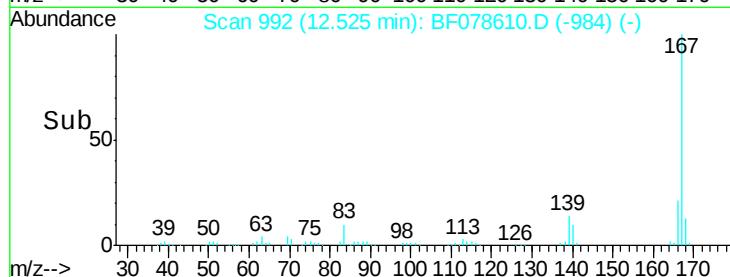
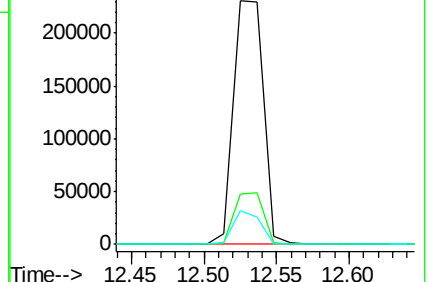
139 13.7 10.0 15.0



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: 32.84 ng

RT: 13.01 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

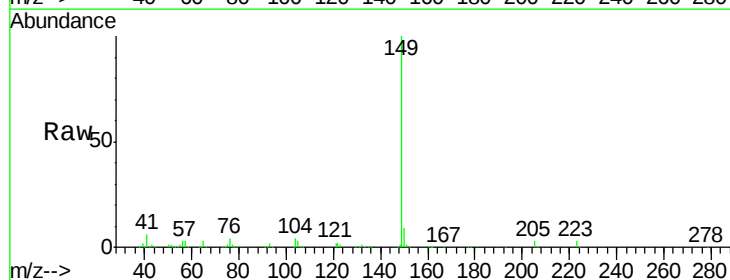
Tgt Ion:149 Resp: 415734

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

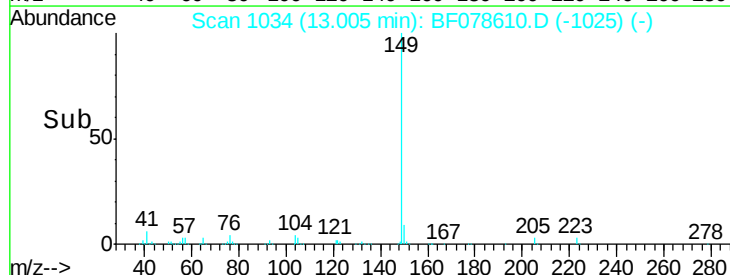
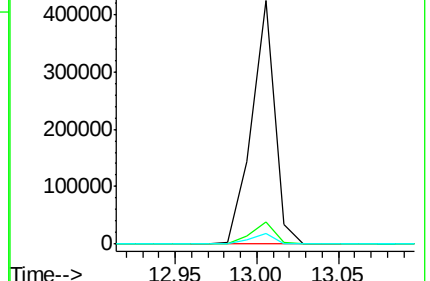
104 4.3 3.8 5.6

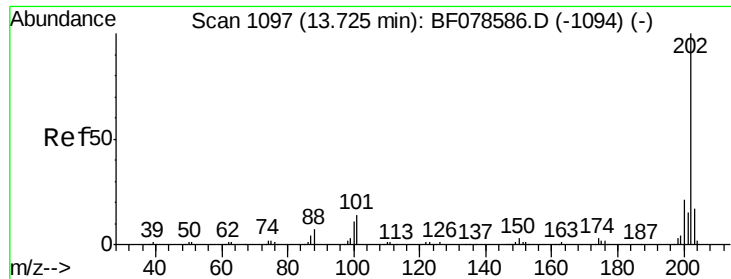


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

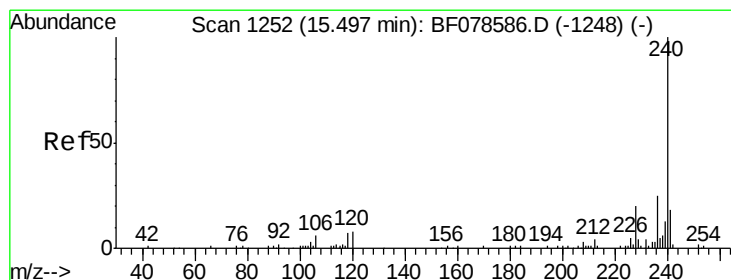
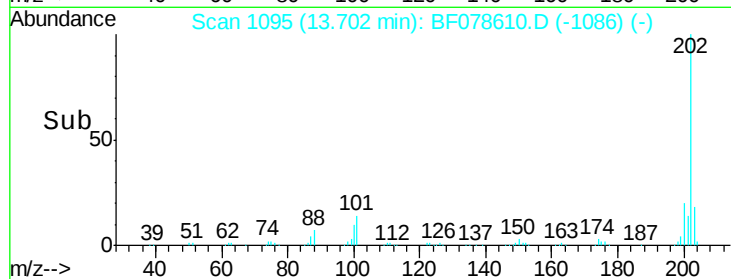
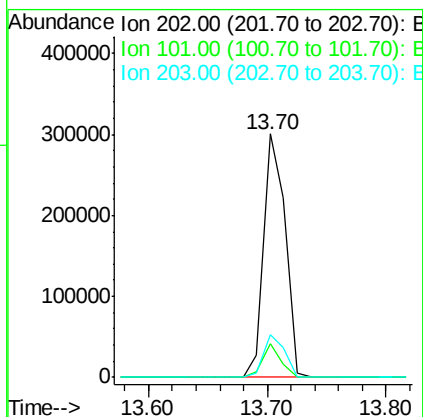
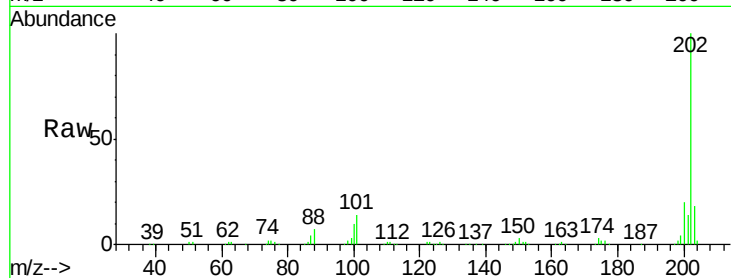




#74
 Fluoranthene
 Concen: 29.98 ng
 RT: 13.70 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

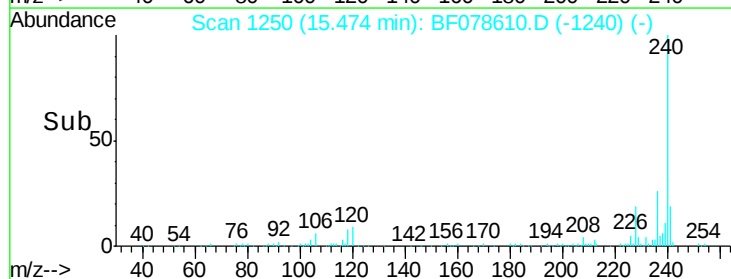
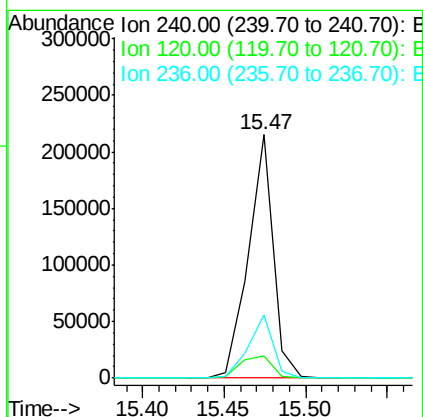
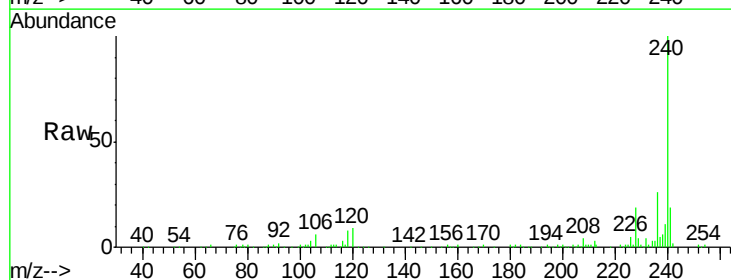
Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

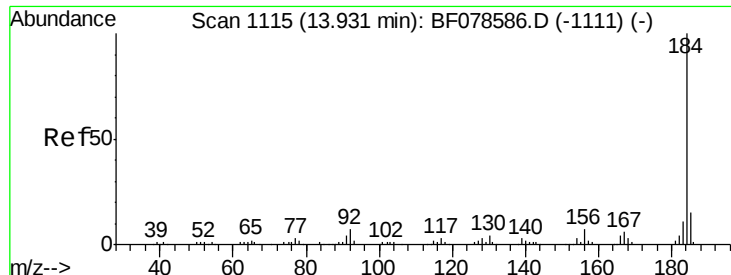
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	35.2
203	17.5	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF078610.D
 Acq: 17 Apr 2015 17:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	25.9	21.4	32.2

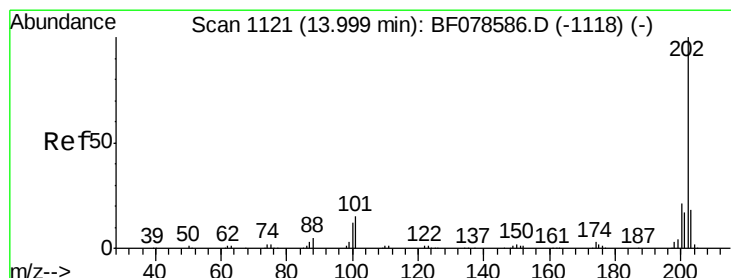
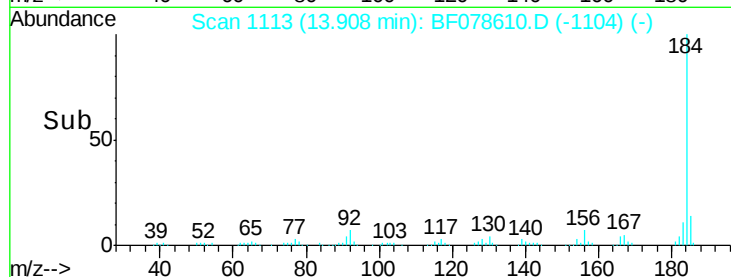
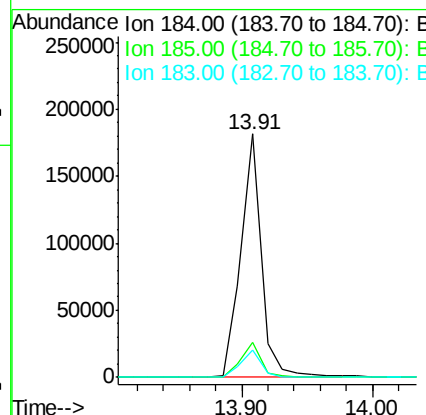
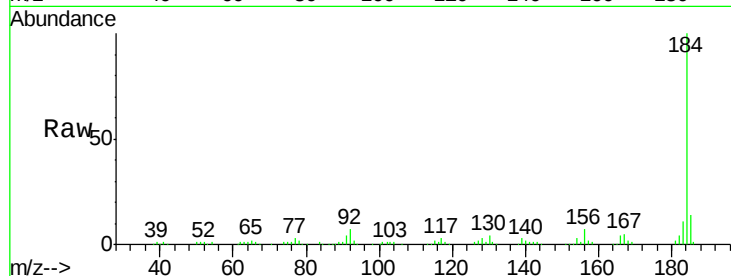




#76
Benzidine
Concen: 22.54 ng
RT: 13.91 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

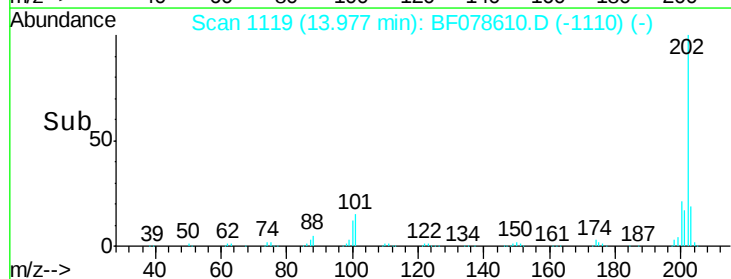
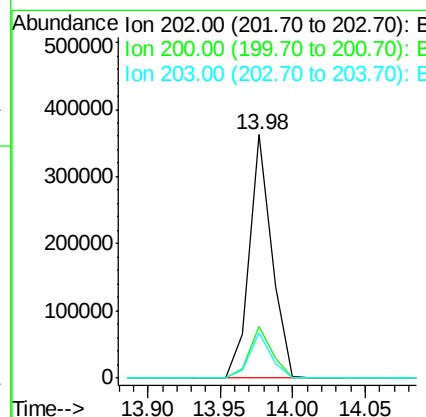
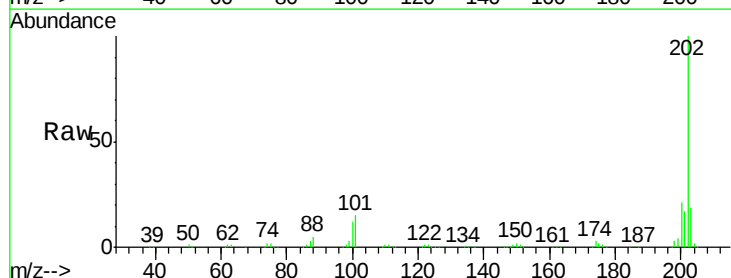
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

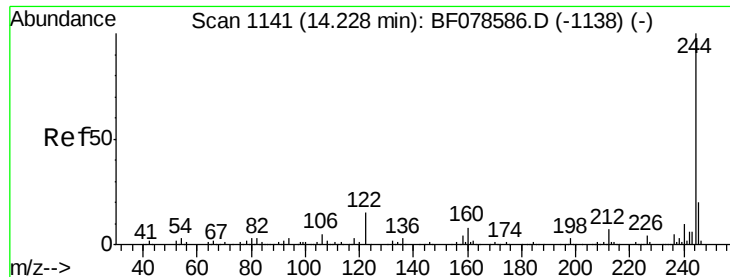
Tgt Ion:184 Resp: 197676
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.4 9.5 14.3



#77
Pyrene
Concen: 27.20 ng
RT: 13.98 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:202 Resp: 389018
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 18.8 13.8 20.6





#78

Terphenyl-d14

Concen: 53.60 ng

RT: 14.21 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

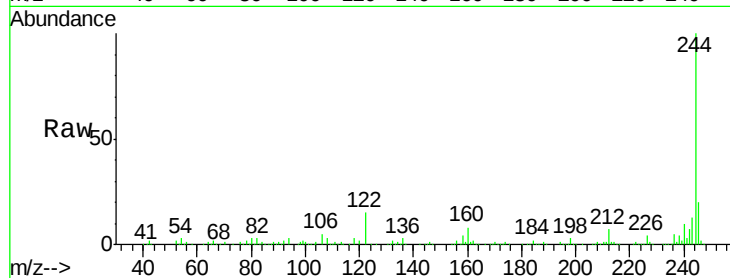
Tgt Ion:244 Resp: 540317

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

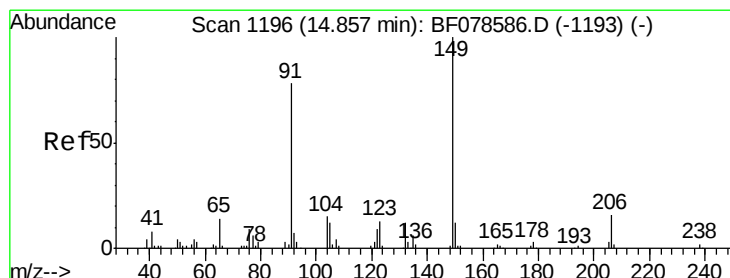
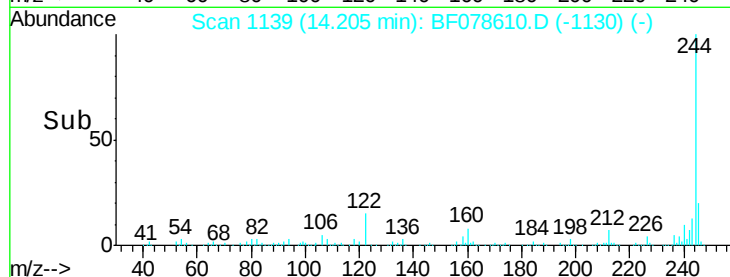
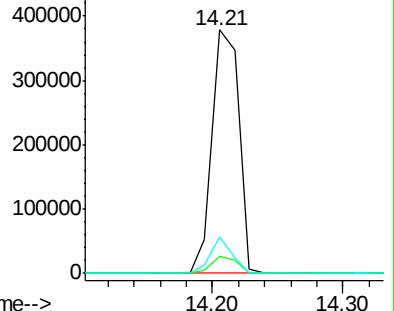
122 14.9 7.1 10.7#



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: 34.18 ng

RT: 14.83 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

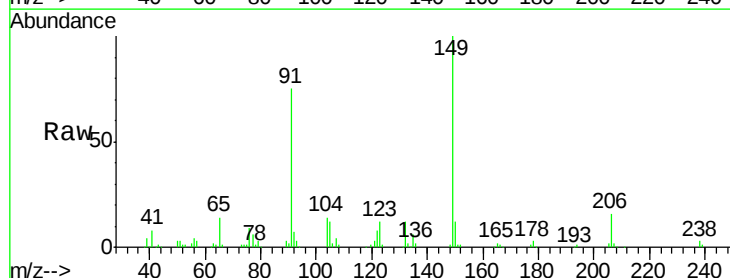
Tgt Ion:149 Resp: 186312

Ion Ratio Lower Upper

149 100

91 75.1 64.2 96.2

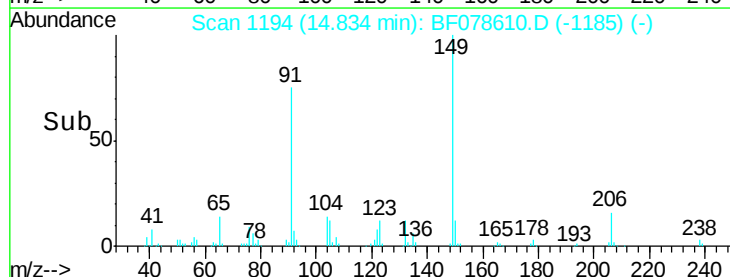
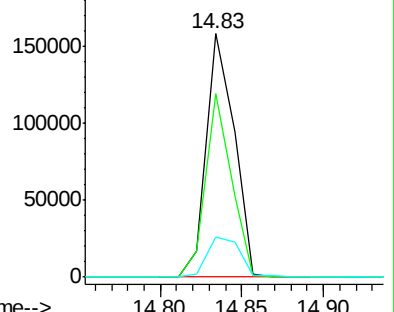
206 16.4 12.6 18.8

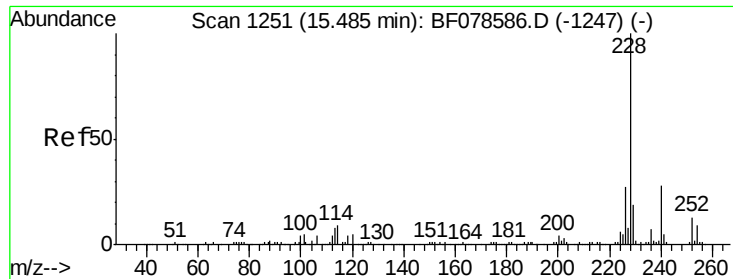


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

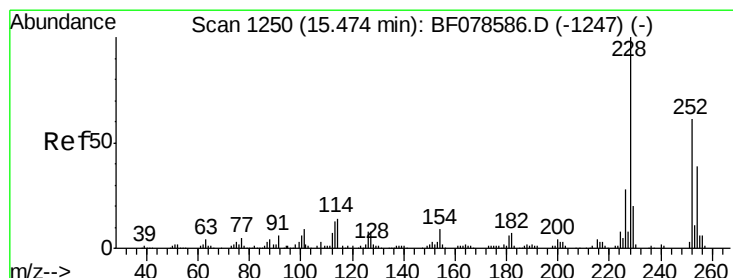
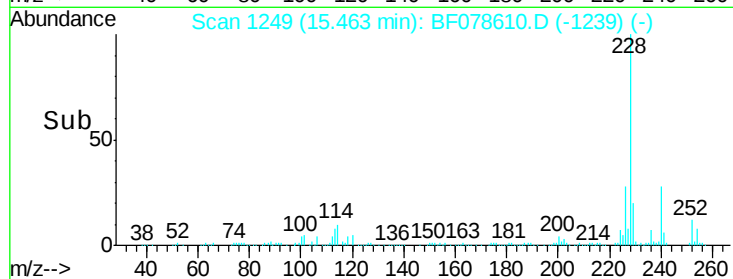
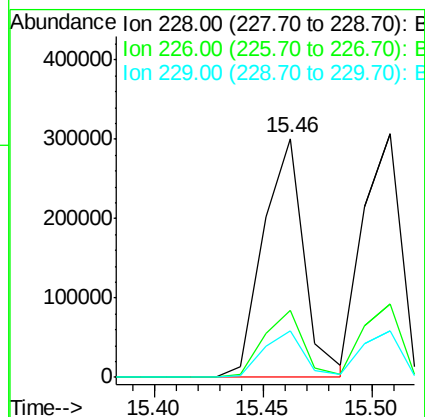
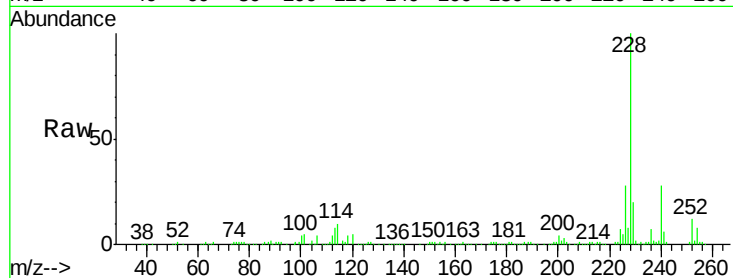




#80
Benzo(a)anthracene
Concen: 28.99 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

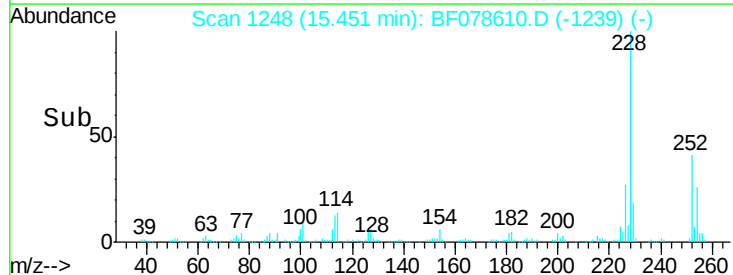
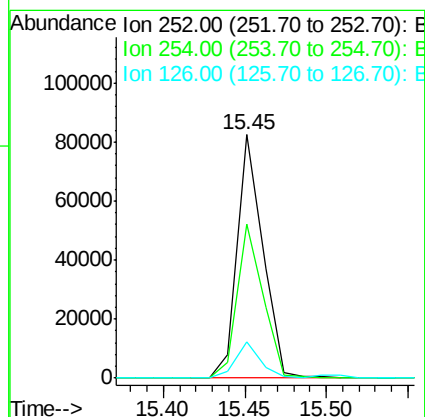
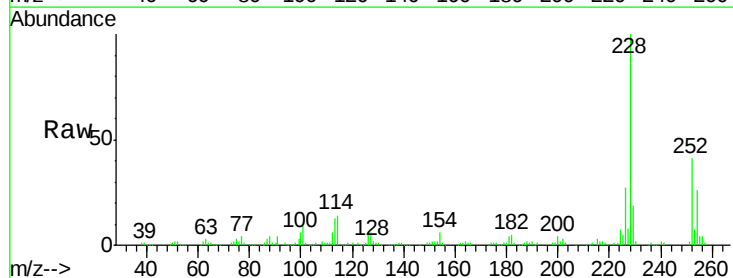
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

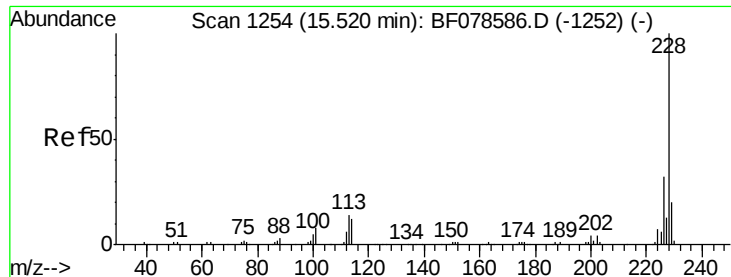
Tgt Ion:228 Resp: 392978
Ion Ratio Lower Upper
228 100
226 27.8 21.3 31.9
229 19.7 15.4 23.2



#81
3,3'-Dichlorobenzidine
Concen: 19.72 ng
RT: 15.45 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:252 Resp: 89526
Ion Ratio Lower Upper
252 100
254 63.1 51.2 76.8
126 15.2 6.3 9.5#





#82

Chrysene

Concen: 28.86 ng

RT: 15.51 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

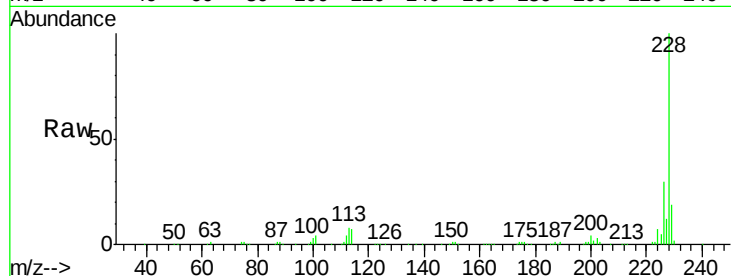
Tgt Ion:228 Resp: 367536

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

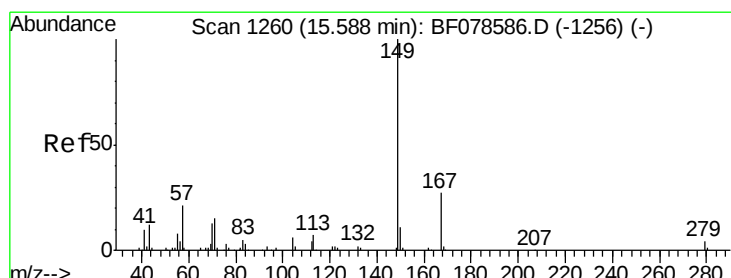
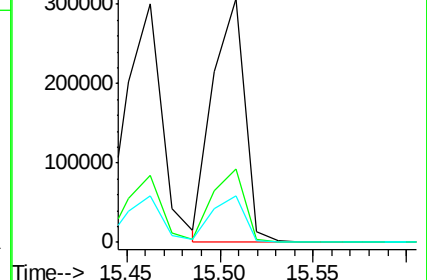
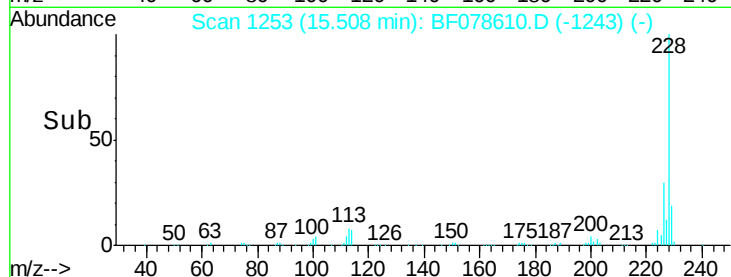
229 19.2 15.8 23.8



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: 33.05 ng

RT: 15.57 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

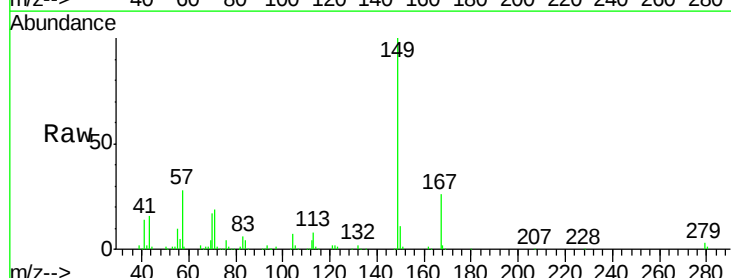
Tgt Ion:149 Resp: 282564

Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.2

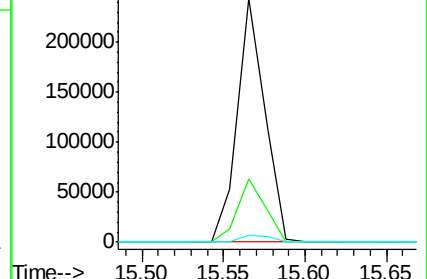
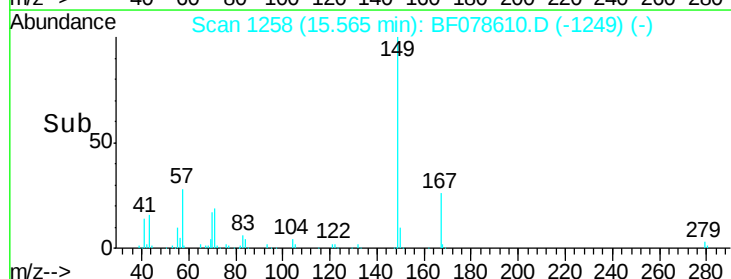
279 2.8 3.2 4.8#

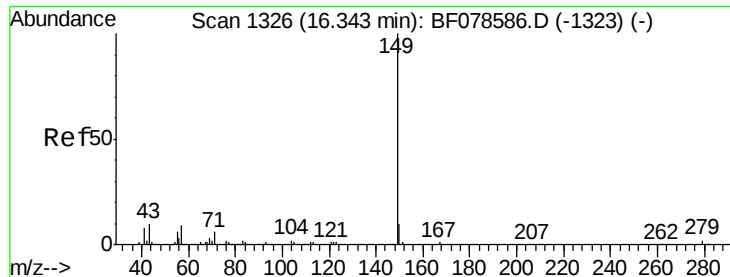


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 36.41 ng

RT: 16.37 min Scan# 1328

Delta R.T. 0.02 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB82843BSD

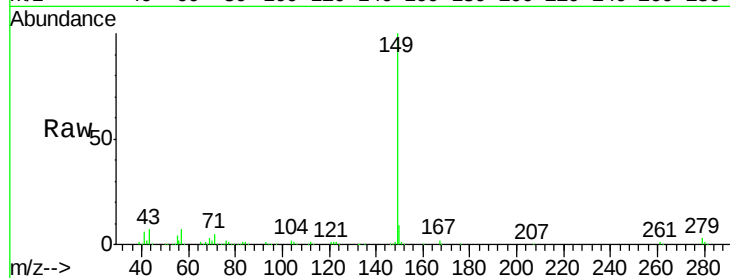
Tgt Ion:149 Resp: 511024

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

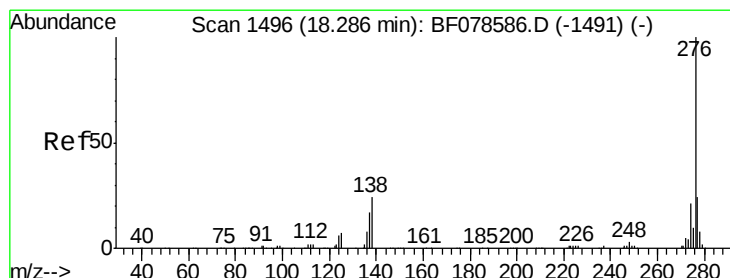
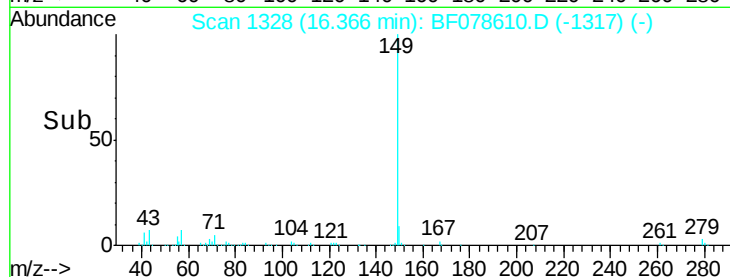
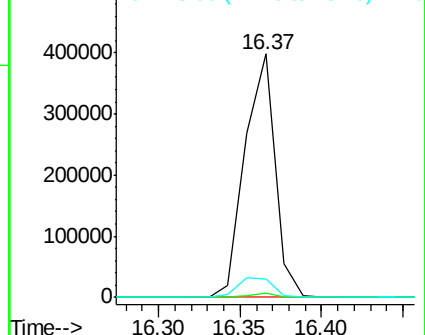
43 9.3 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 29.95 ng

RT: 18.41 min Scan# 1507

Delta R.T. 0.07 min

Lab File: BF078610.D

Acq: 17 Apr 2015 17:31

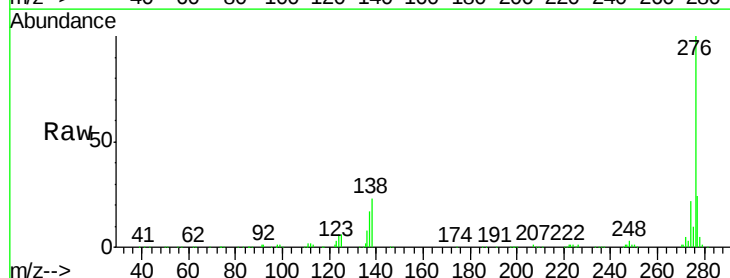
Tgt Ion:276 Resp: 432764

Ion Ratio Lower Upper

276 100

138 28.1 16.9 25.3#

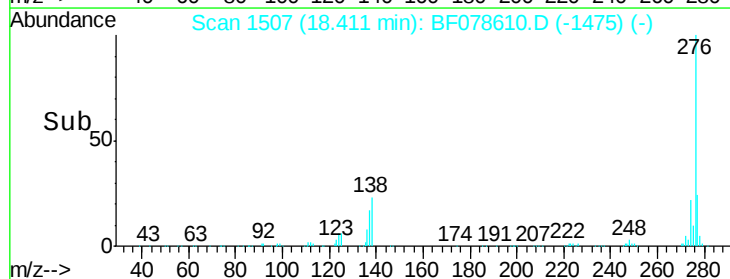
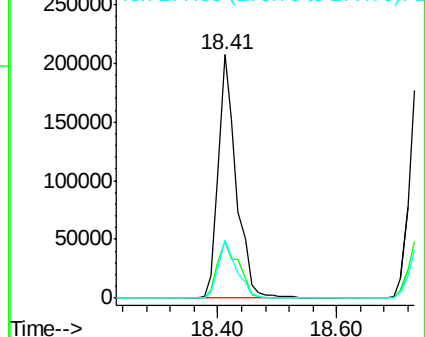
277 24.6 15.8 23.6#

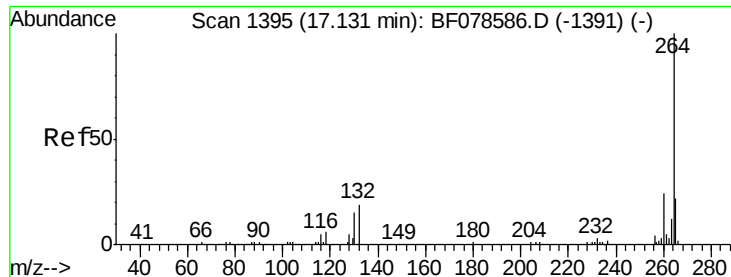


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

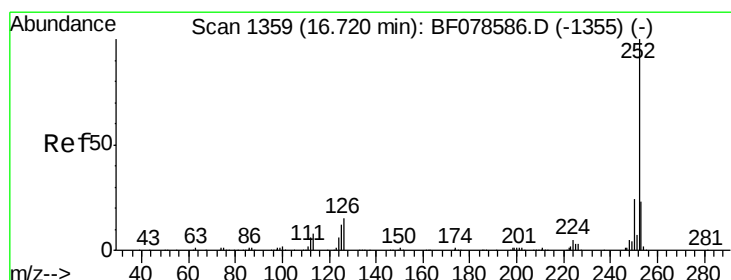
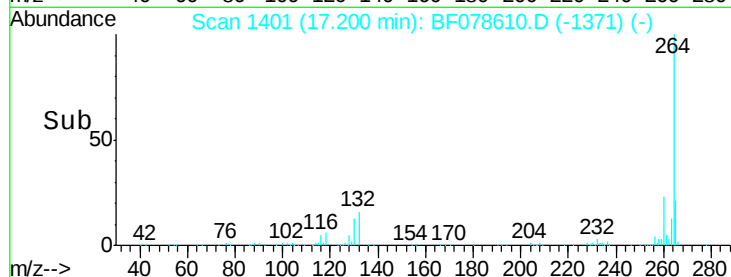
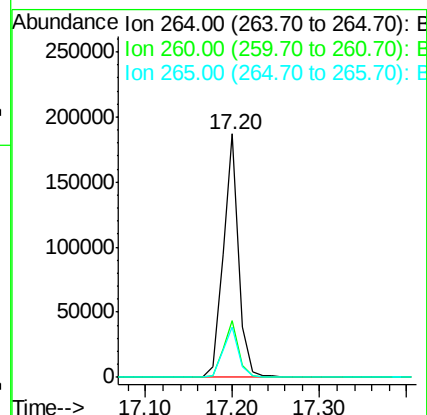
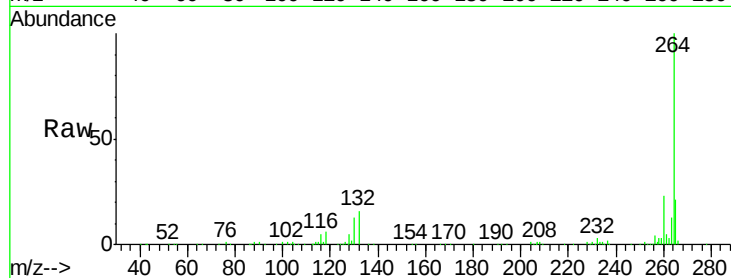




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.20 min Scan# 1401
Delta R.T. 0.05 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

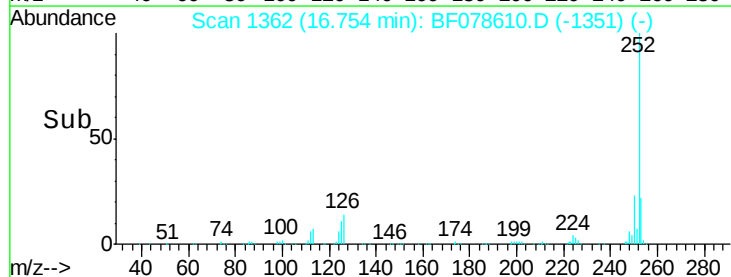
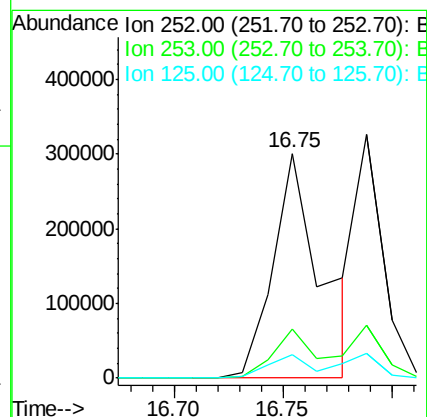
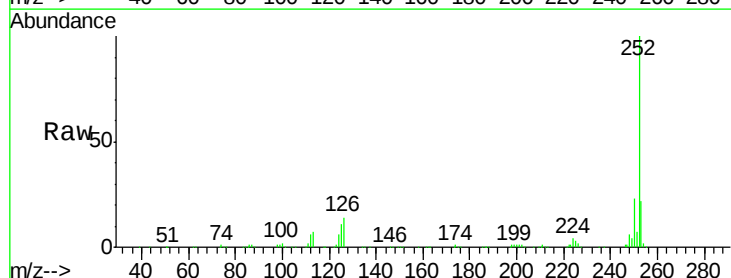
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

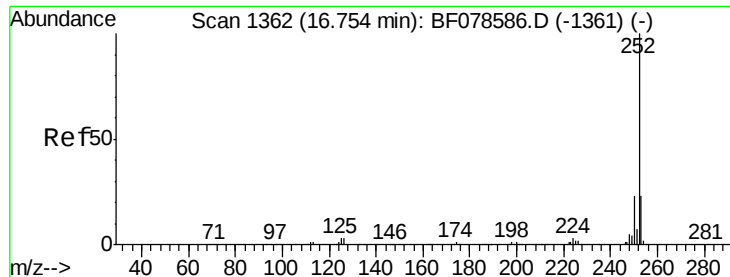
Tgt Ion: 264 Resp: 231005
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 20.9 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 32.55 ng
RT: 16.75 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion: 252 Resp: 464689
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.6 7.0 10.4#

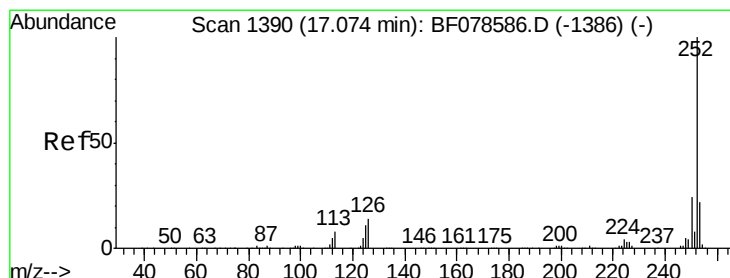
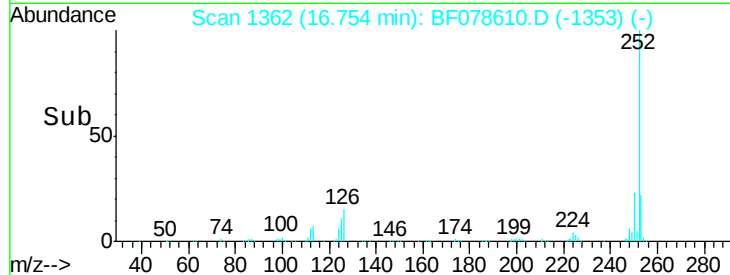
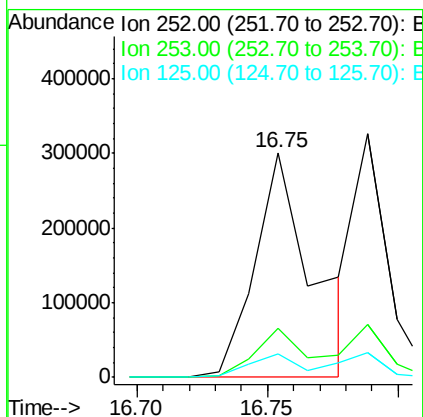
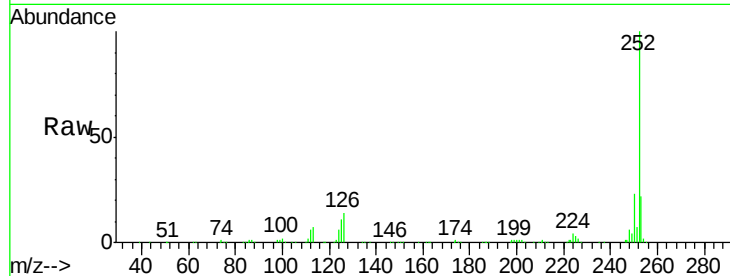




#88
Benzo(k)fluoranthene
Concen: 36.62 ng
RT: 16.75 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

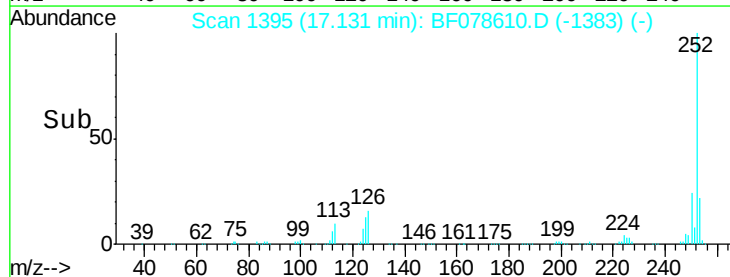
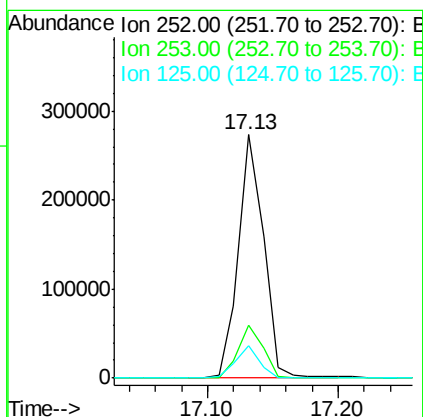
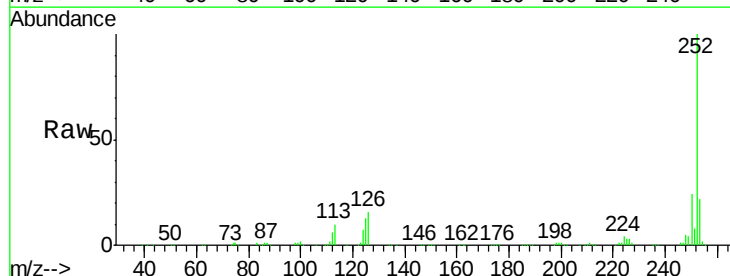
Instrument :
BNA_F
ClientSampleId :
PB82843BSD

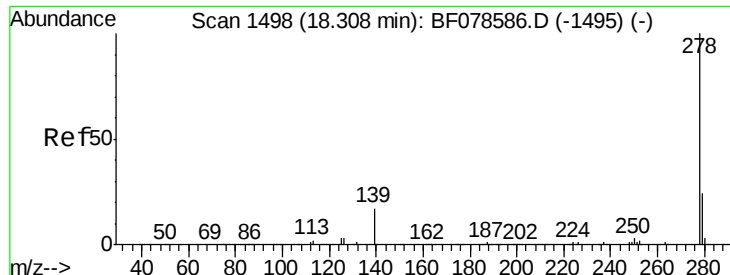
Tgt Ion:252 Resp: 464667
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 11.6 17.4#



#89
Benzo(a)pyrene
Concen: 29.61 ng
RT: 17.13 min Scan# 1395
Delta R.T. 0.03 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:252 Resp: 368925
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 13.4 7.4 11.0#

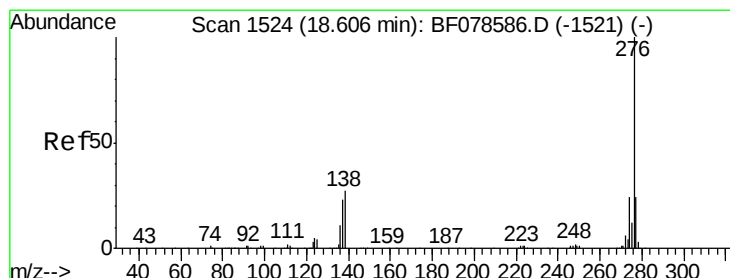
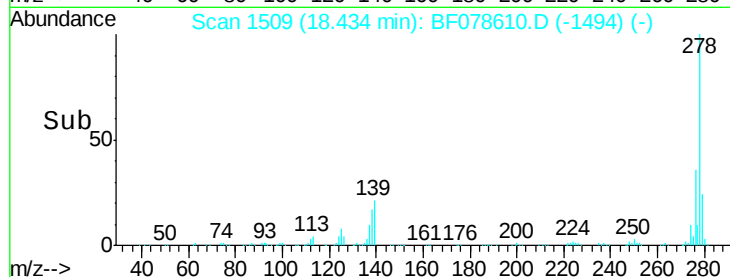
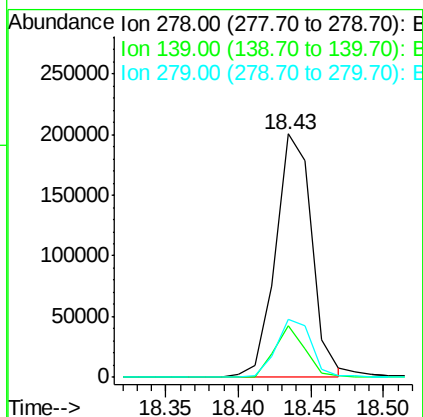
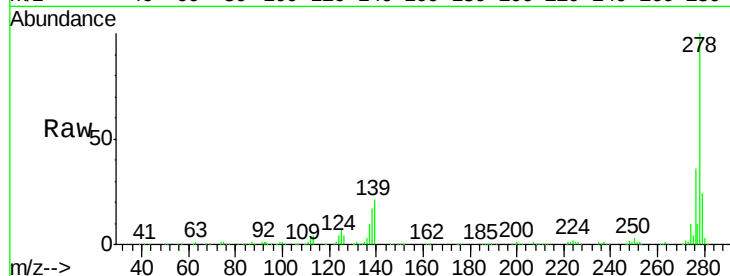




#90
Dibenzo(a,h)anthracene
Concen: 27.83 ng
RT: 18.43 min Scan# 1509
Delta R.T. 0.07 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tgt Ion:278 Resp: 347197
Ion Ratio Lower Upper
278 100
139 21.1 13.6 20.4#
279 23.8 19.0 28.6



#91
Benzo(g,h,i)perylene
Concen: 27.54 ng
RT: 18.74 min Scan# 1536
Delta R.T. 0.08 min
Lab File: BF078610.D
Acq: 17 Apr 2015 17:31

Tgt Ion:276 Resp: 344413
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 18.7 19.9 29.9#

