

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078010.D
 Acq On : 26 Mar 2015 22:19
 Operator : TP/IZ
 Sample : PB82242BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

Quant Time: Mar 27 06:01:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	40608	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	175319	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	86594	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	173301	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	191257	20.00	ng	-0.06
86) Perylene-d12	17.67	264	179094	20.00	ng	-0.23

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	267066	114.80	ng	0.00
7) Phenol-d6	6.67	99	323541	112.56	ng	-0.01
23) Nitrobenzene-d5	7.79	82	196554	73.49	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	84400	101.87	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	431714	73.27	ng	0.00
78) Terphenyl-d14	14.67	244	525373	67.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	31410	29.74	ng	# 100
3) Pyridine	2.64	79	86472	30.47	ng	99
4) n-Nitrosodimethylamine	2.57	42	34526	27.94	ng	99
6) Aniline	6.68	93	76573	18.62	ng	# 52
8) 2-Chlorophenol	6.83	128	100822	36.41	ng	89
9) Benzaldehyde	6.54	77	4836	4.11	ng	88
10) Phenol	6.69	94	118560	34.89	ng	# 71
11) bis(2-Chloroethyl)ether	6.78	93	92488	36.34	ng	91
12) 1,3-Dichlorobenzene	7.01	146	104745	34.01	ng	98
13) 1,4-Dichlorobenzene	7.12	146	106402	33.25	ng	99
14) 1,2-Dichlorobenzene	7.30	146	102692	35.00	ng	99
15) Benzyl Alcohol	7.29	79	79741	35.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.46	45	118497	34.55	ng	98
17) 2-Methylphenol	7.44	107	81916	36.34	ng	97
18) Hexachloroethane	7.71	117	36139	34.43	ng	98
19) n-Nitroso-di-n-propylamine	7.62	70	70079	35.24	ng	94
20) 3+4-Methylphenols	7.63	107	108235	36.59	ng	94
22) Acetophenone	7.61	105	139905	36.05	ng	# 93
24) Nitrobenzene	7.81	77	100914	35.02	ng	# 89
25) Isophorone	8.11	82	179585	33.25	ng	94
26) 2-Nitrophenol	8.20	139	46026	32.63	ng	# 77
27) 2,4-Dimethylphenol	8.28	122	95165	37.03	ng	98
28) bis(2-Chloroethoxy)methane	8.40	93	118238	36.06	ng	99
29) 2,4-Dichlorophenol	8.51	162	88190	36.00	ng	99
30) 1,2,4-Trichlorobenzene	8.60	180	87866	32.06	ng	96
31) Naphthalene	8.69	128	292445	32.48	ng	100
32) Benzoic acid	8.40	122	32428	24.26	ng	98
33) 4-Chloroaniline	8.77	127	67280	18.41	ng	# 90
34) Hexachlorobutadiene	8.85	225	50894	32.76	ng	98
35) Caprolactam	9.20	113	26129	36.50	ng	96
36) 4-Chloro-3-methylphenol	9.39	107	86012	34.90	ng	# 84
37) 2-Methylnaphthalene	9.55	142	197105	32.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	84624	32.76	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	80264	62.79	ng	97

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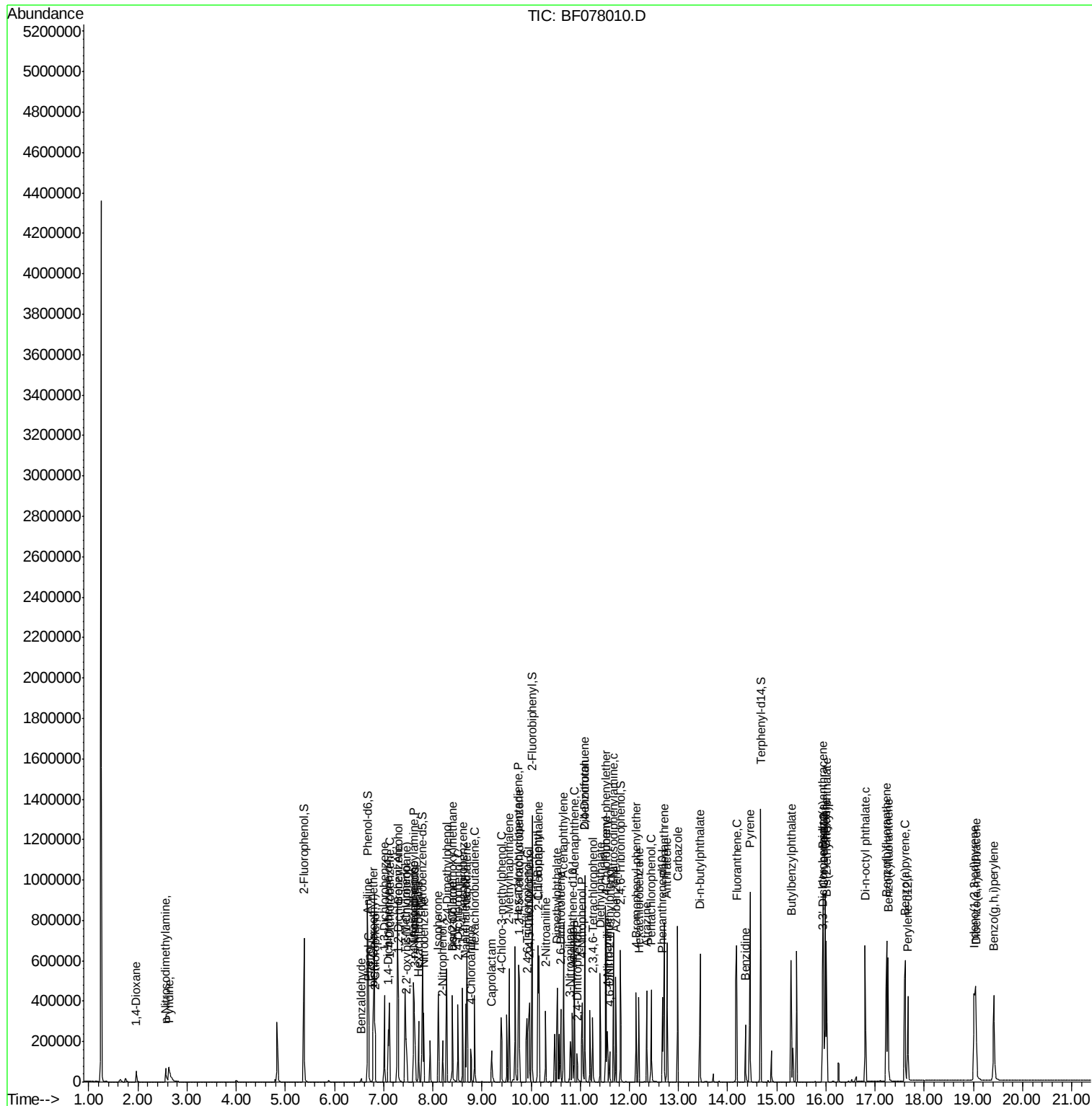
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	60085	33.58	ng	98
43) 2,4,5-Trichlorophenol	9.96	196	65264	33.77	ng	# 93
45) 1,1'-Biphenyl	10.13	154	241548	34.89	ng	95
46) 2-Chloronaphthalene	10.16	162	199737	35.51	ng	96
47) 2-Nitroaniline	10.29	65	54062	38.70	ng	97
48) Acenaphthylene	10.66	152	301951	32.28	ng	100
49) Dimethylphthalate	10.53	163	234577	36.52	ng	99
50) 2,6-Dinitrotoluene	10.60	165	50791	38.15	ng	90
51) Acenaphthene	10.88	154	175192	32.66	ng	99
52) 3-Nitroaniline	10.80	138	40779	26.37	ng	# 70
53) 2,4-Dinitrophenol	10.95	184	26846	57.42	ng	# 64
54) Dibenzofuran	11.09	168	274218	34.47	ng	95
55) 4-Nitrophenol	11.04	139	75844	66.22	ng	97
56) 2,4-Dinitrotoluene	11.09	165	65299	37.61	ng	96
57) Fluorene	11.52	166	228697	34.62	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	53506	35.95	ng	# 100
59) Diethylphthalate	11.40	149	215653	34.46	ng	97
60) 4-Chlorophenyl-phenylether	11.53	204	102646	34.05	ng	91
61) 4-Nitroaniline	11.55	138	52971	34.38	ng	76
62) Azobenzene	11.72	77	205921	34.43	ng	94
64) 4,6-Dinitro-2-methylphenol	11.60	198	25383	32.54	ng	79
65) n-Nitrosodiphenylamine	11.68	169	192899	33.43	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	63910	34.56	ng	94
67) Hexachlorobenzene	12.19	284	67550	33.24	ng	98
68) Atrazine	12.35	200	61357	37.94	ng	93
69) Pentachlorophenol	12.44	266	58774	56.18	ng	96
70) Phenanthrene	12.71	178	351444	35.33	ng	100
71) Anthracene	12.76	178	342046	34.80	ng	99
72) Carbazole	12.98	167	342642	36.65	ng	99
73) Di-n-butylphthalate	13.44	149	371892	35.47	ng	99
74) Fluoranthene	14.18	202	381491	34.77	ng	99
76) Benzidine	14.36	184	121948	25.60	ng	99
77) Pyrene	14.45	202	412656	34.31	ng	100
79) Butylbenzylphthalate	15.29	149	158142	33.35	ng	# 85
80) Benzo(a)anthracene	15.94	228	375735	33.14	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	87868	23.50	ng	98
82) Chrysene	15.99	228	369416	36.24	ng	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	236837	32.97	ng	# 94
84) Di-n-octyl phthalate	16.80	149	399167	32.50	ng	100
85) Indeno(1,2,3-cd)pyrene	19.01	276	391447m	30.77	ng	
87) Benzo(b)fluoranthene	17.23	252	369646	31.62	ng	# 96
88) Benzo(k)fluoranthene	17.27	252	368694m	40.37	ng	
89) Benzo(a)pyrene	17.61	252	360162	36.92	ng	100
90) Dibenzo(a,h)anthracene	19.05	278	329119	34.01	ng	99
91) Benzo(g,h,i)perylene	19.41	276	332720	33.78	ng	96

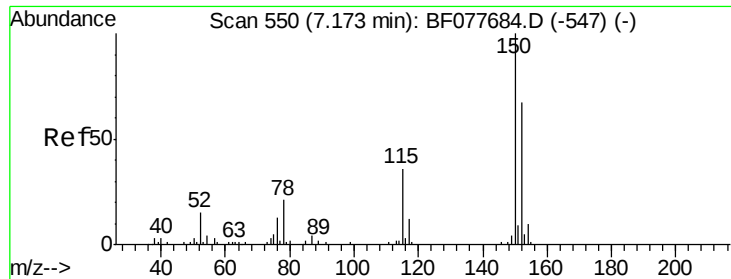
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

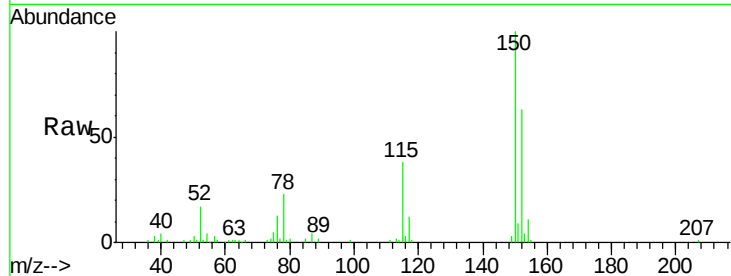
Tgt Ion:152 Resp: 40608

Ion Ratio Lower Upper

152 100

150 158.8 119.5 179.3

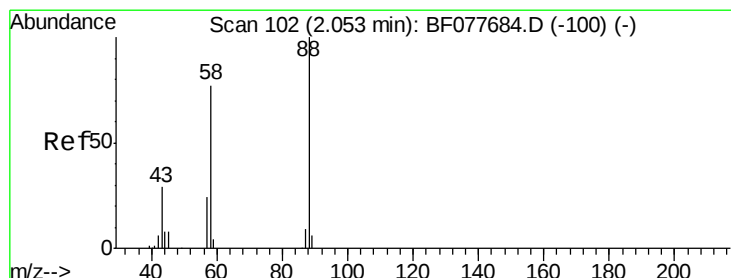
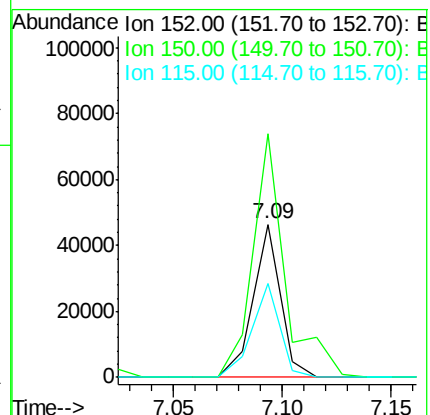
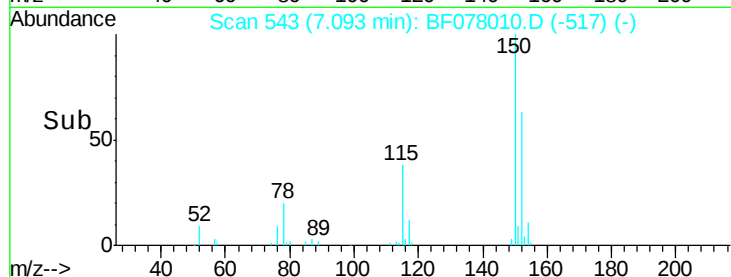
115 61.1 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.74 ng

RT: 1.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

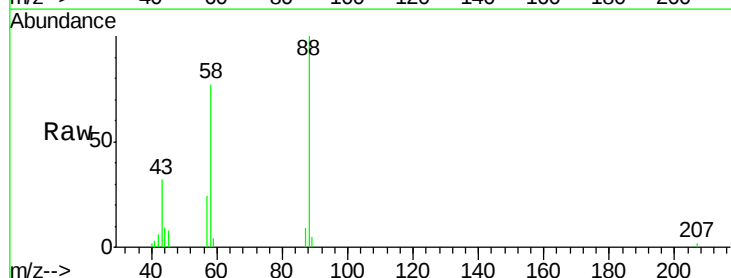
Tgt Ion: 88 Resp: 31410

Ion Ratio Lower Upper

88 100

58 73.0 0.0 0.0#

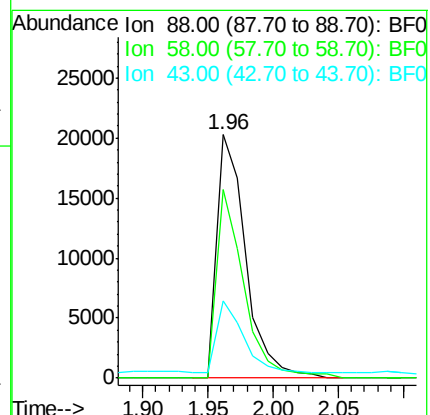
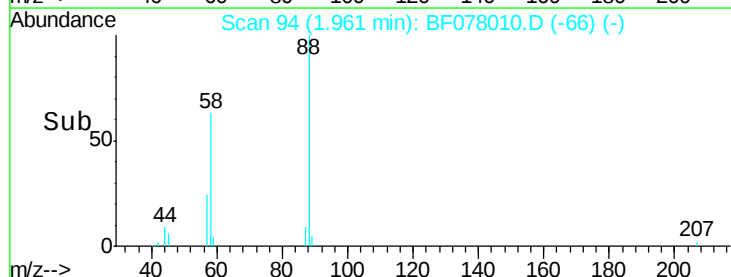
43 27.5 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.47 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.03 min

Lab File: BF078010.D

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Instrument :

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PB82242BSD

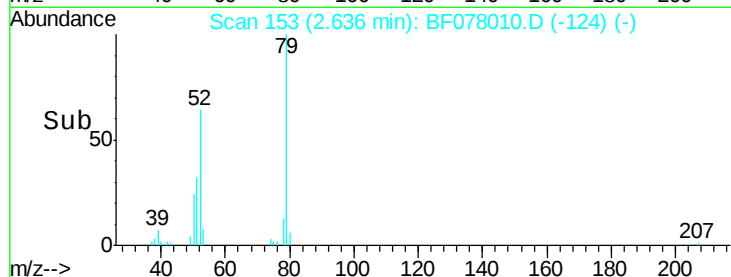
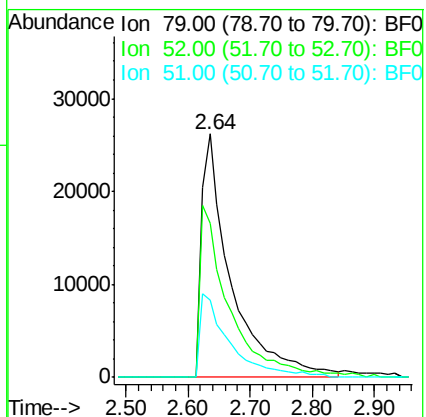
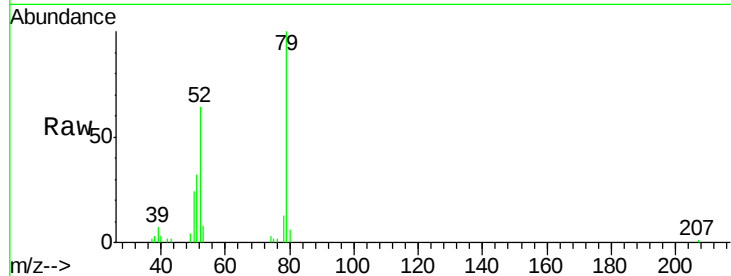
Tgt Ion: 79 Resp: 86472

Ion Ratio Lower Upper

79 100

52 63.5 51.1 76.7

51 31.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 27.94 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

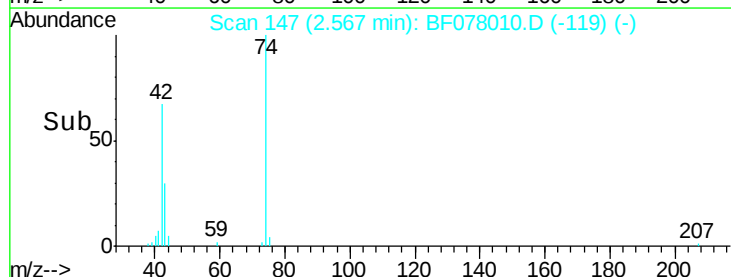
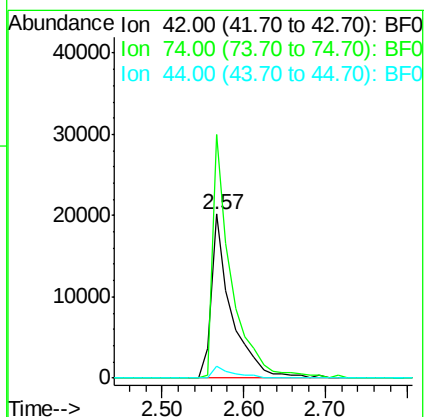
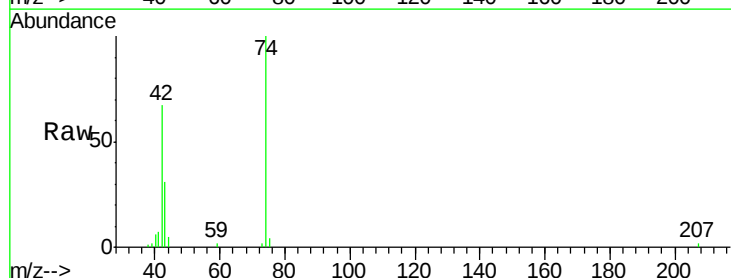
Tgt Ion: 42 Resp: 34526

Ion Ratio Lower Upper

42 100

74 148.4 119.3 178.9

44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 114.80 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

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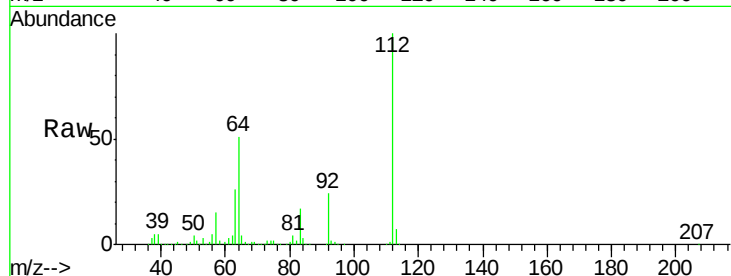
Tgt Ion: 112 Resp: 267066

Ion Ratio Lower Upper

112 100

64 50.6 38.6 57.8

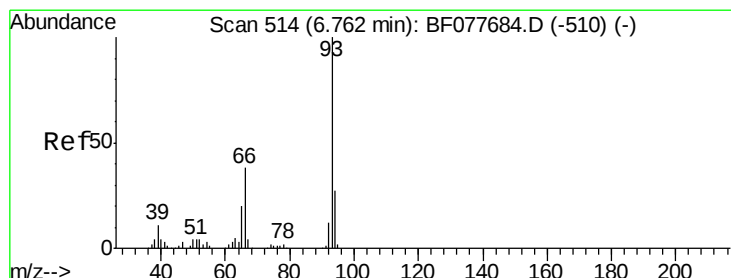
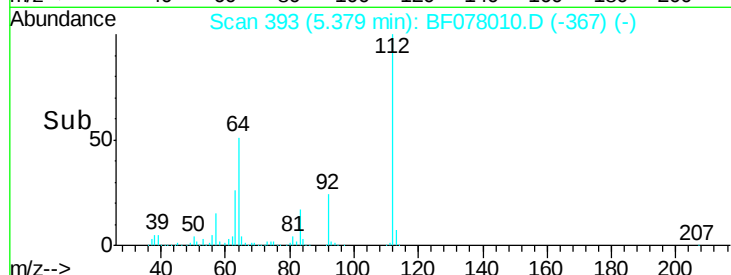
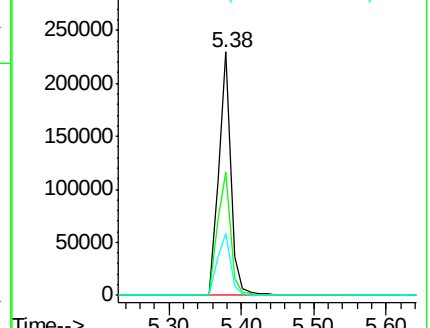
63 25.7 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.62 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

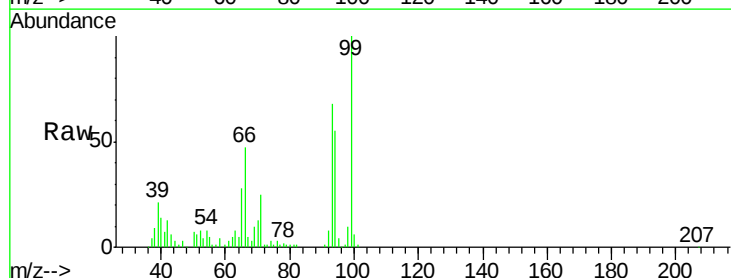
Tgt Ion: 93 Resp: 76573

Ion Ratio Lower Upper

93 100

66 68.9 30.8 46.2#

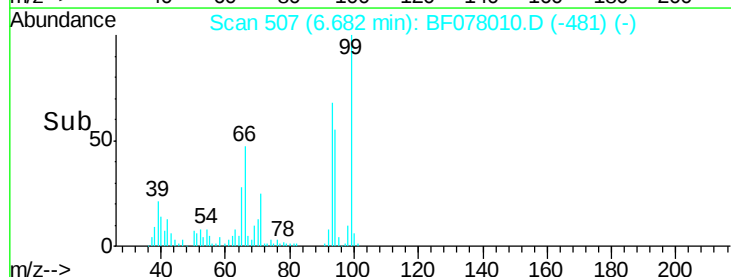
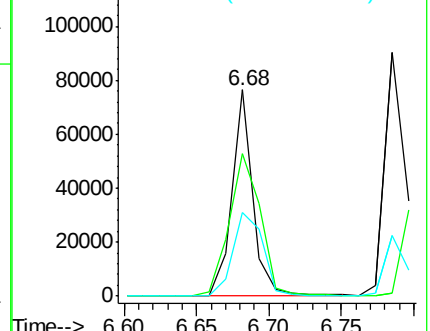
65 40.8 16.0 24.0#

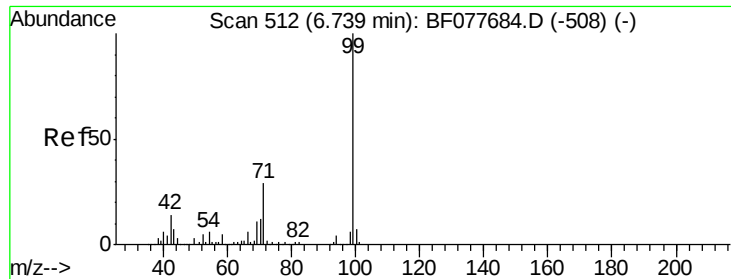


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.56 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078010.D

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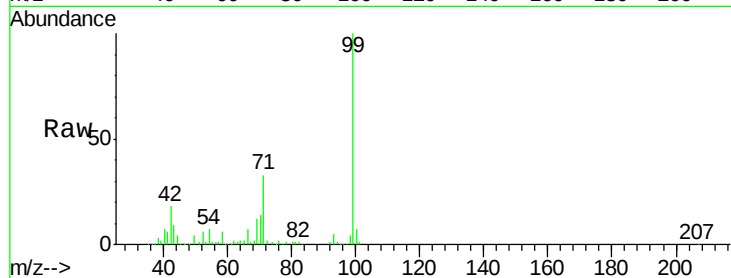
Tgt Ion: 99 Resp: 323541

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

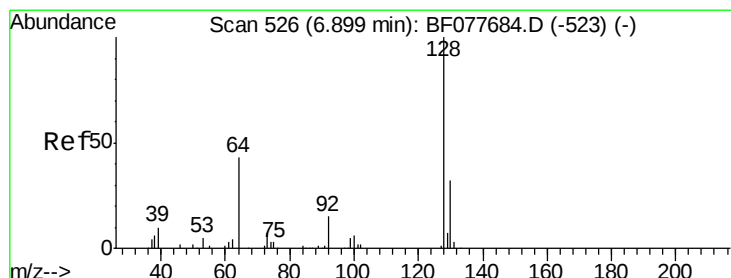
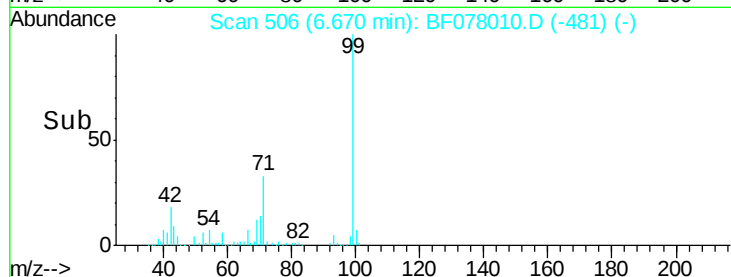
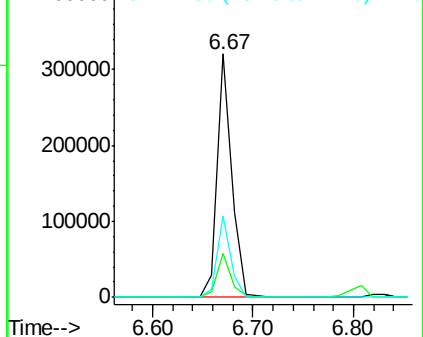
71 33.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.41 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

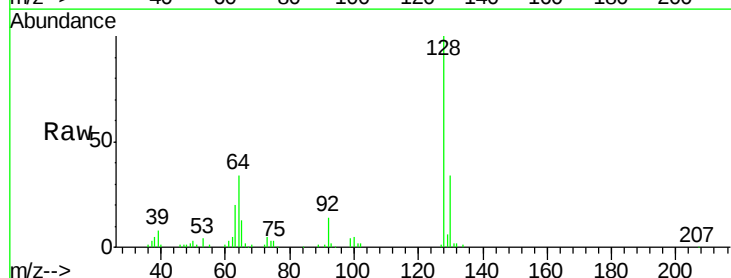
Tgt Ion:128 Resp: 100822

Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

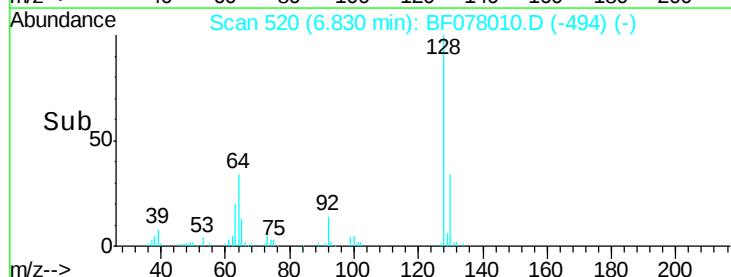
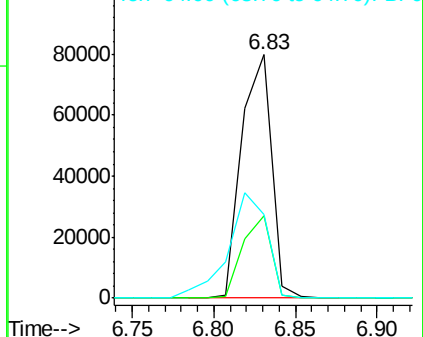
64 34.2 24.9 64.9

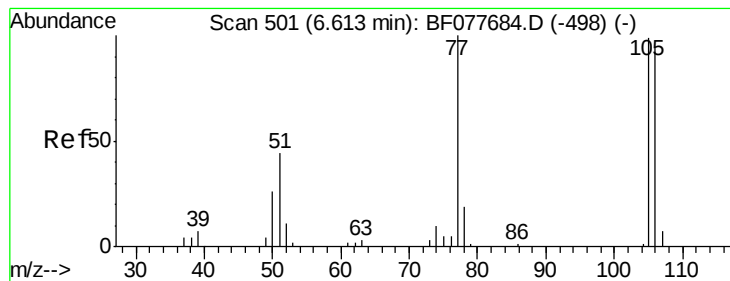


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.11 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

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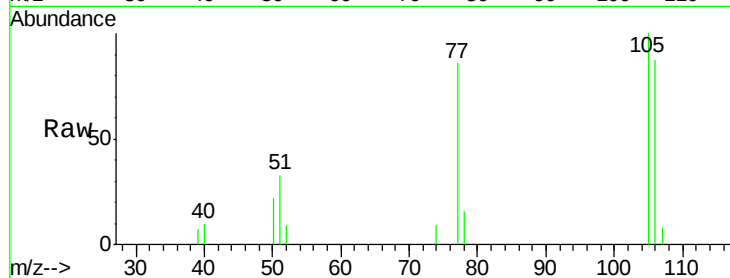
Tgt Ion: 77 Resp: 4836

Ion Ratio Lower Upper

77 100

105 116.1 78.8 118.8

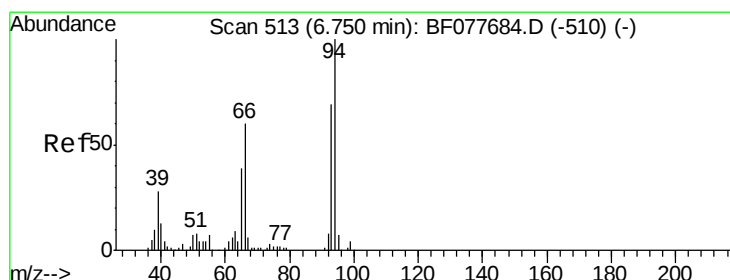
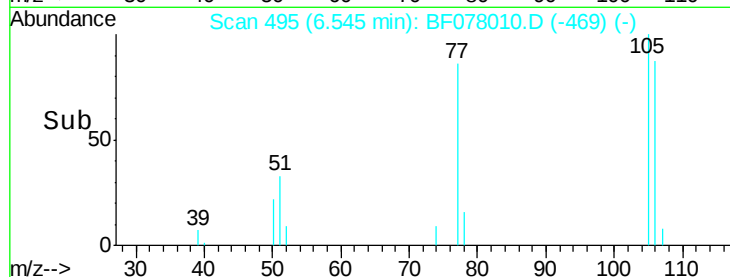
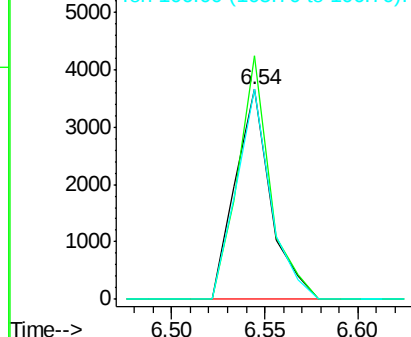
106 100.5 73.7 113.7



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: 34.89 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

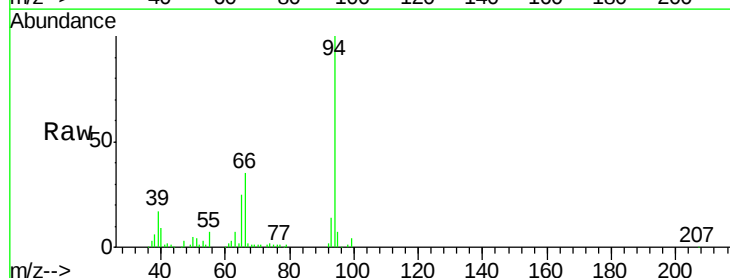
Tgt Ion: 94 Resp: 118560

Ion Ratio Lower Upper

94 100

65 24.9 18.8 58.8

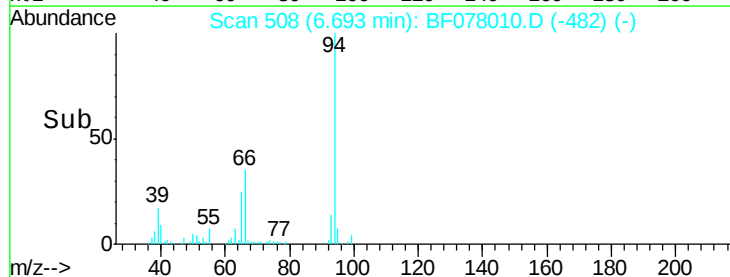
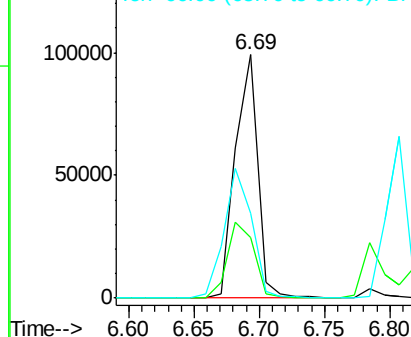
66 34.7 39.9 79.9#

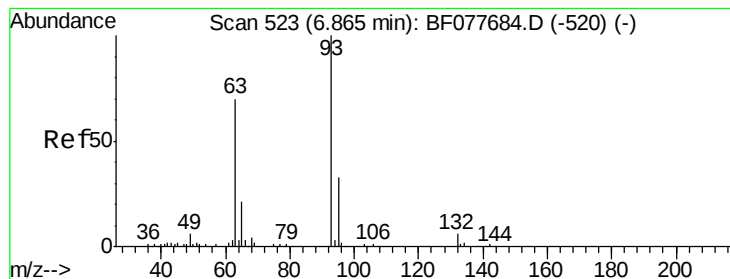


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.34 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

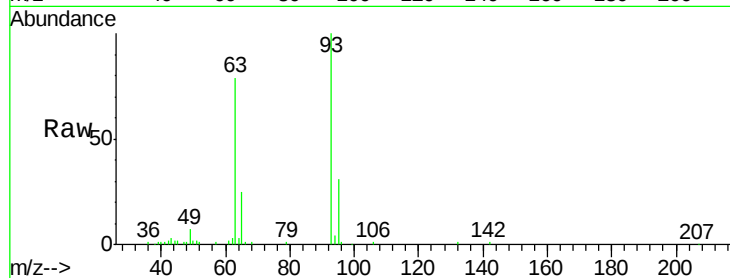
Tgt Ion: 93 Resp: 92488

Ion Ratio Lower Upper

93 100

63 78.8 49.5 89.5

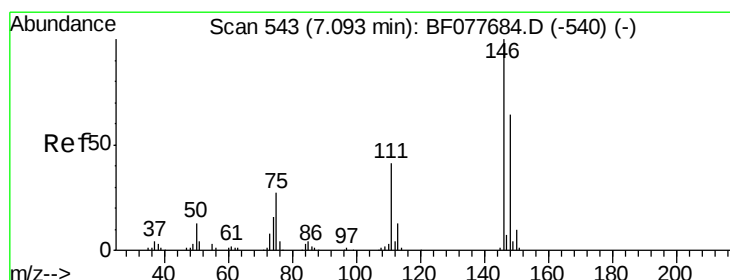
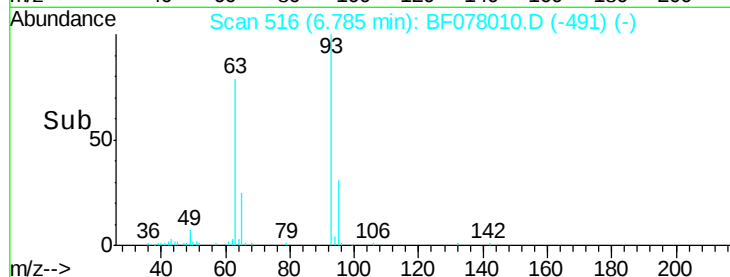
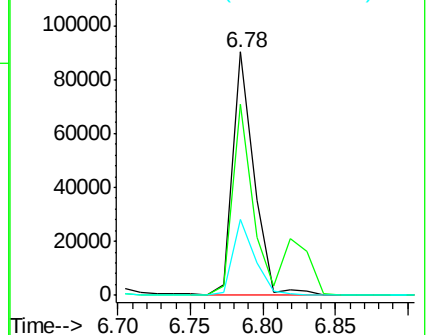
95 31.0 13.5 53.5



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: 34.01 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

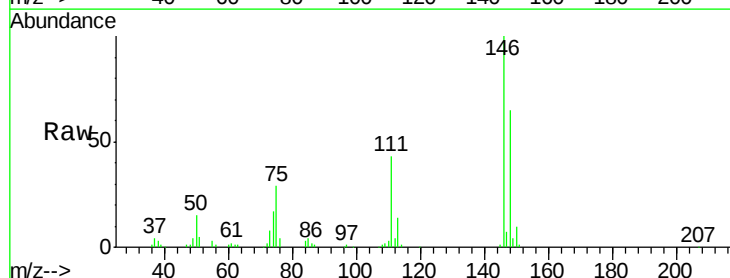
Tgt Ion: 146 Resp: 104745

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

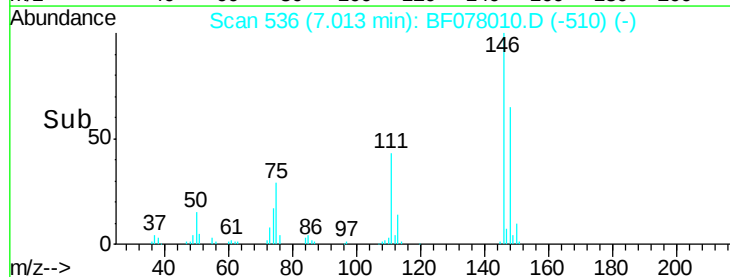
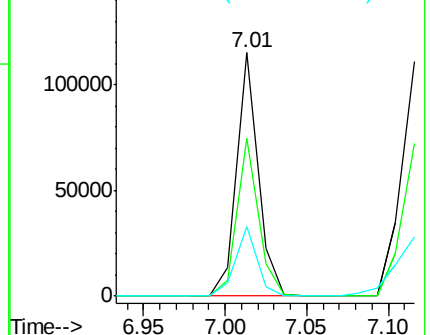
75 28.5 21.4 32.2



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

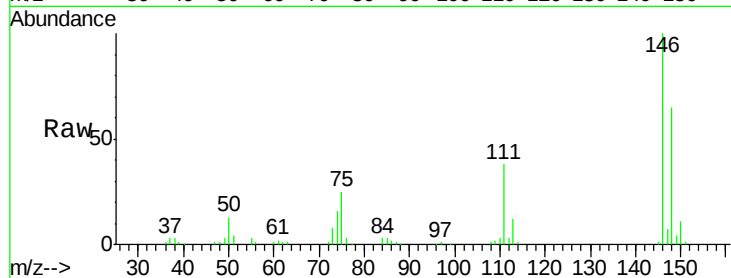




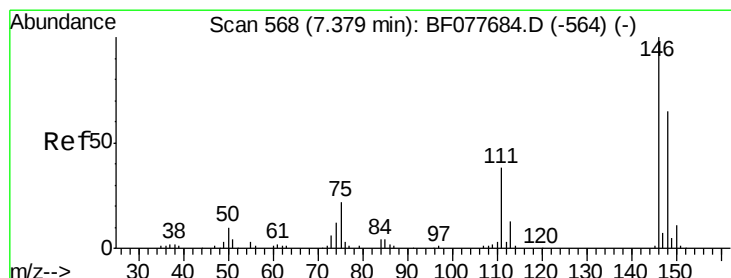
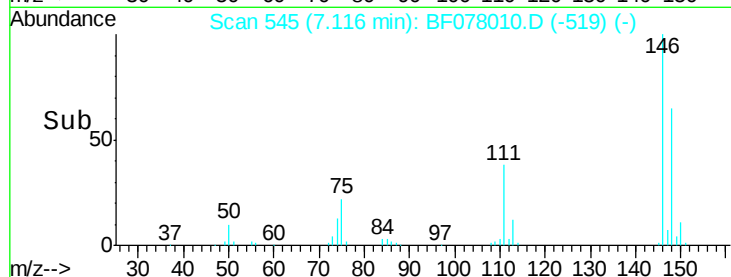
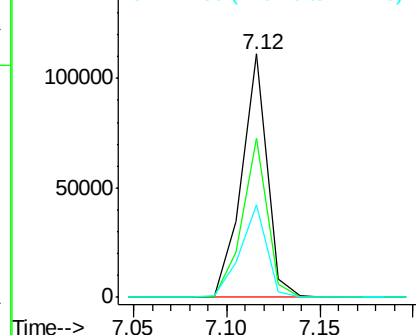
#13
 1,4-Dichlorobenzene
 Concen: 33.25 ng
 RT: 7.12 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

Tgt Ion:146 Resp: 106402
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 38.2 29.2 43.8

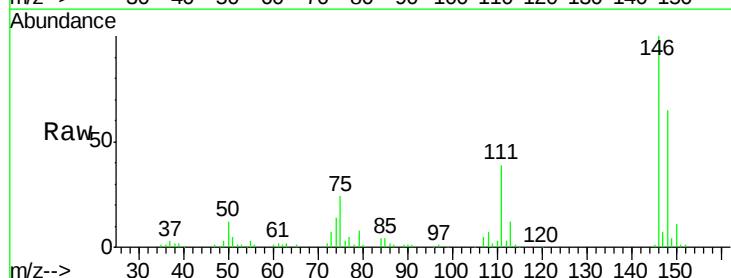


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

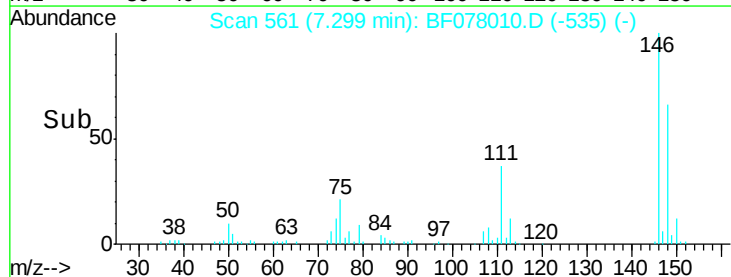
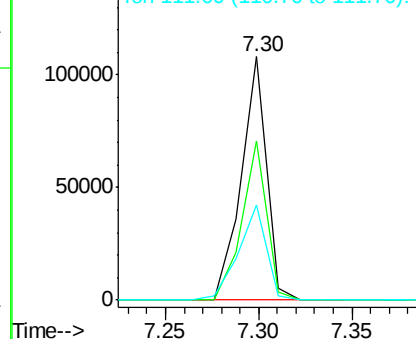


#14
 1,2-Dichlorobenzene
 Concen: 35.00 ng
 RT: 7.30 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:146 Resp: 102692
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 39.2 30.6 45.8



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

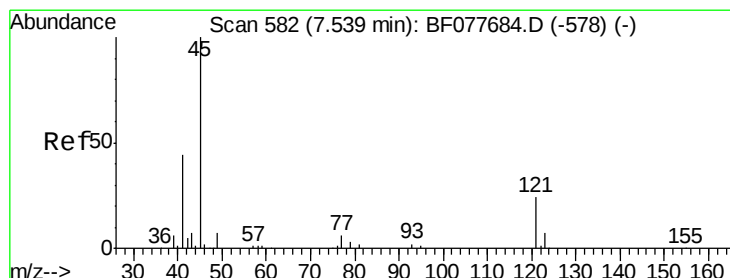
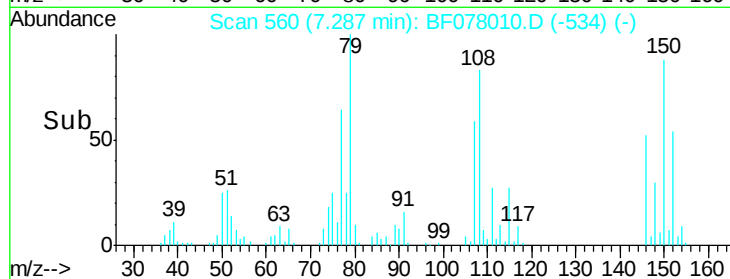
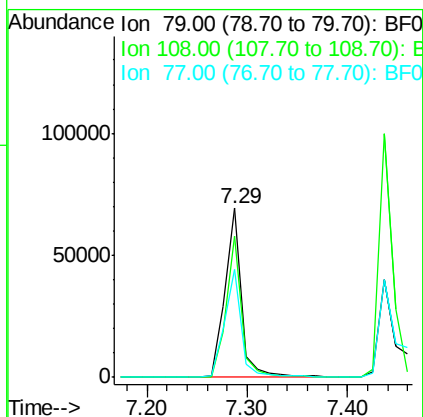
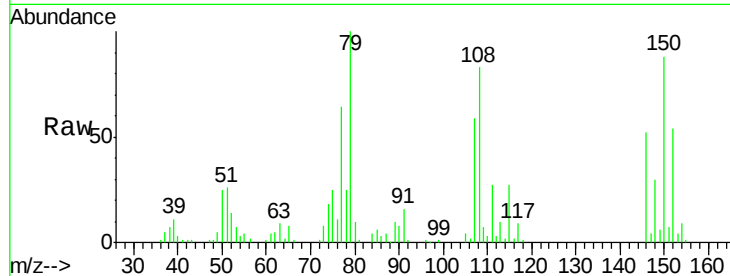




#15
Benzyl Alcohol
Concen: 35.54 ng
RT: 7.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

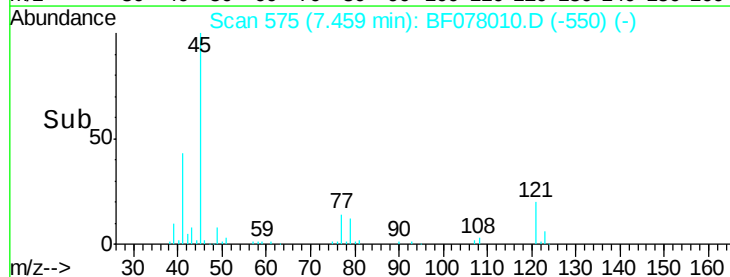
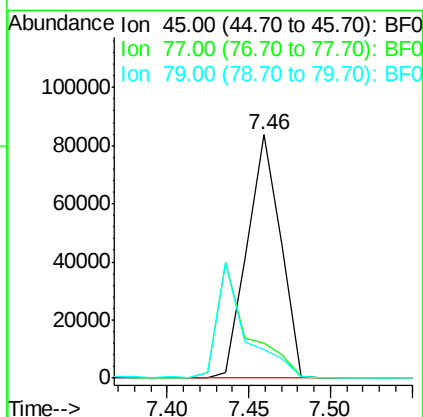
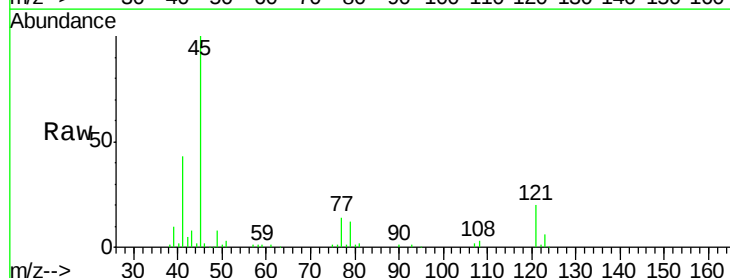
Instrument :
BNA_F
ClientSampleId :
PB82242BSD

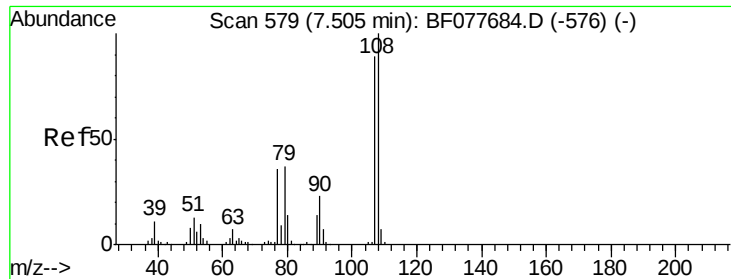
Tgt Ion: 79 Resp: 79741
Ion Ratio Lower Upper
79 100
108 83.4 65.0 97.4
77 63.9 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.55 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion: 45 Resp: 118497
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.2
79 11.6 0.0 32.0

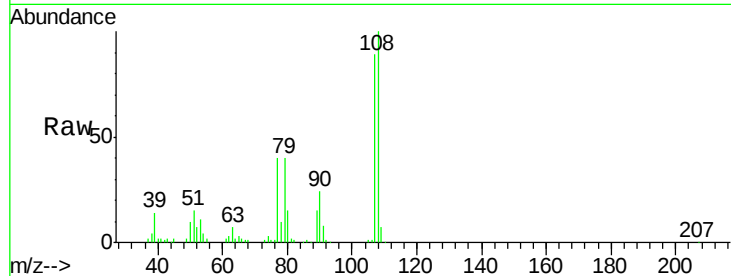




#17
2-Methylphenol
Concen: 36.34 ng
RT: 7.44 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Instrument :
BNA_F
ClientSampleId :
PB82242BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.8	134.8
77	45.0	32.6	48.8
79	45.1	32.8	49.2



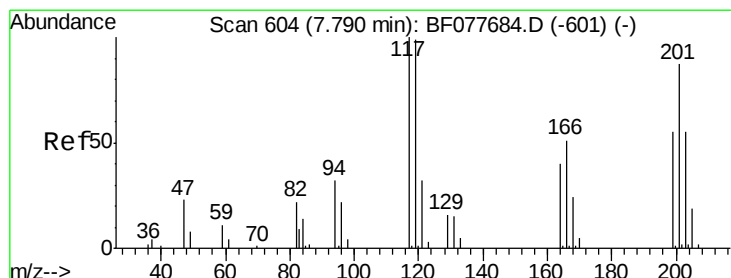
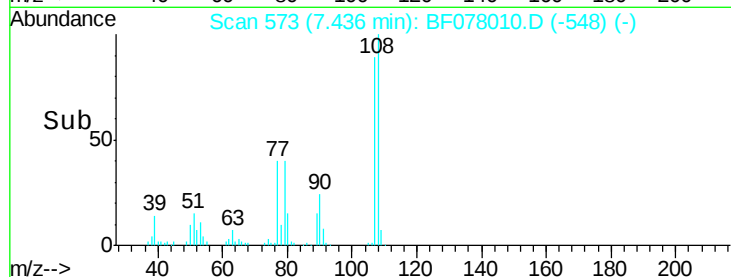
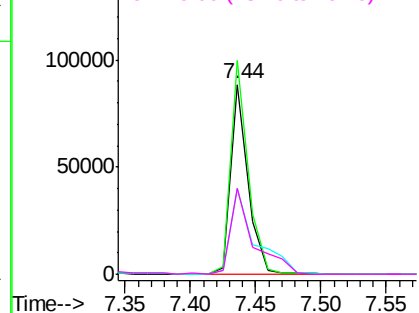
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

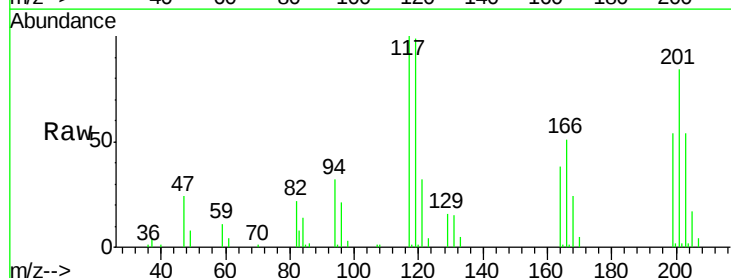
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.43 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.2	118.8
201	83.6	69.8	104.6

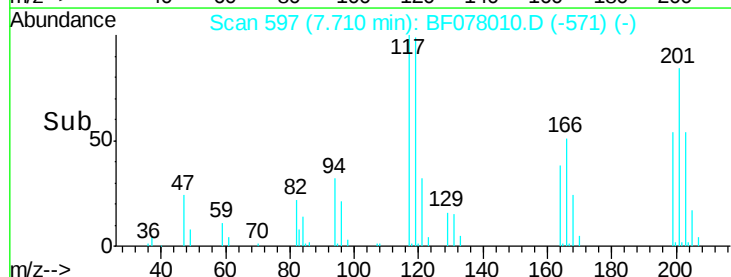
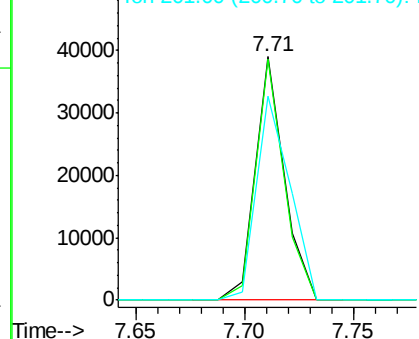


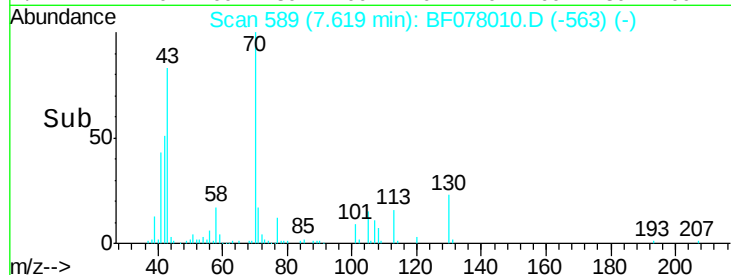
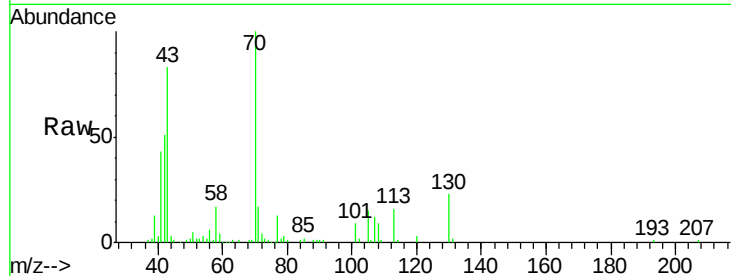
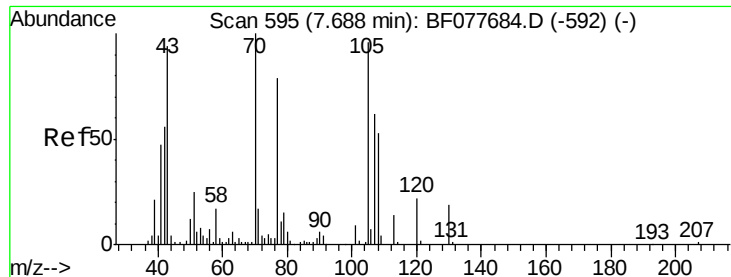
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

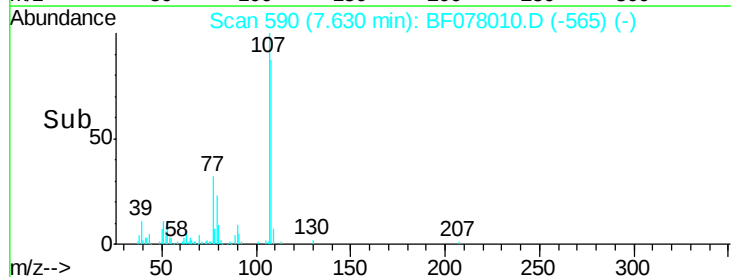
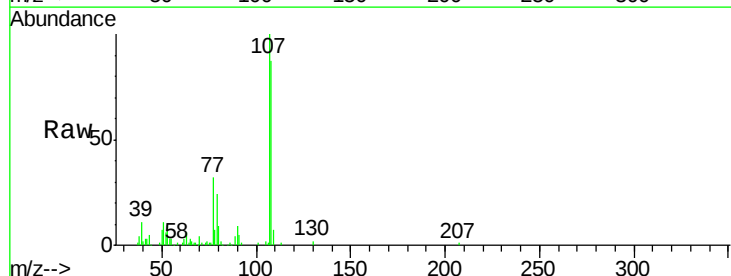
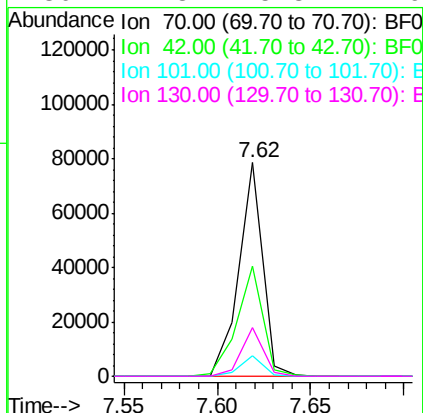




#19
n-Nitroso-di-n-propylamine
Concen: 35.24 ng
RT: 7.62 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

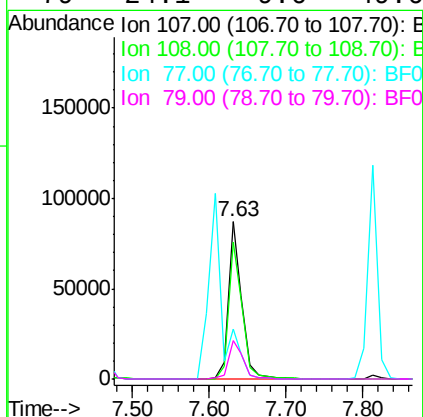
Instrument :
BNA_F
ClientSampleId :
PB82242BSD

Tgt Ion: 70 Resp: 70079
Ion Ratio Lower Upper
70 100
42 51.4 44.5 66.7
101 9.4 7.4 11.2
130 22.8 15.3 22.9



#20
3+4-Methylphenols
Concen: 36.59 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion: 107 Resp: 108235
Ion Ratio Lower Upper
107 100
108 87.0 73.2 113.2
77 32.1 10.7 50.7
79 24.1 9.6 49.6

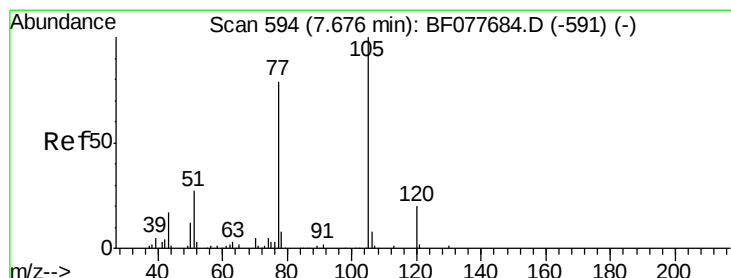
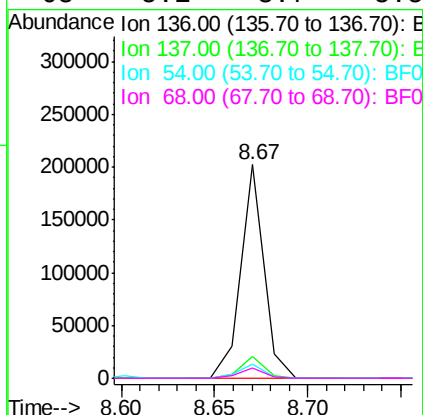
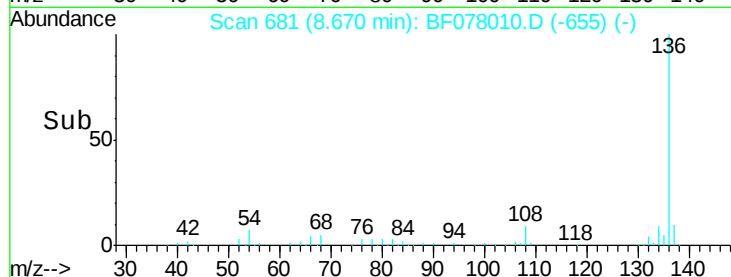
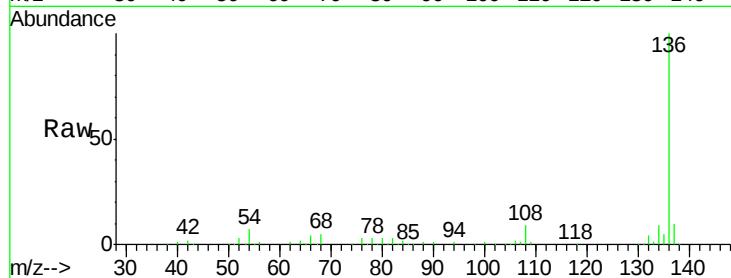




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

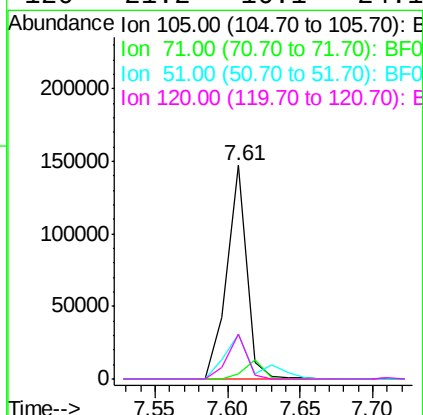
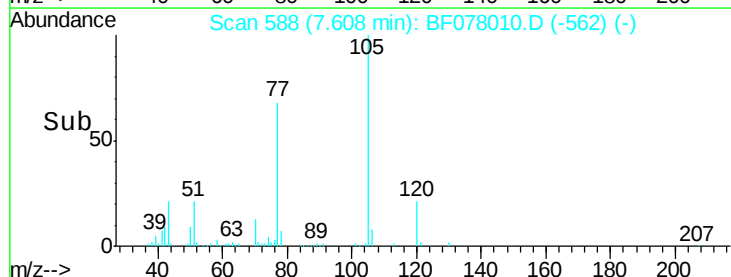
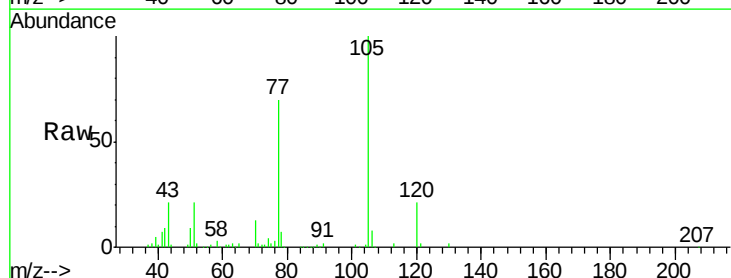
Instrument :
BNA_F
ClientSampleId :
PB82242BSD

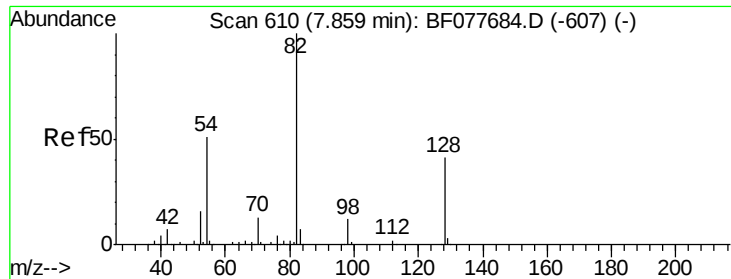
Tgt Ion:	136	Resp:	175319
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.6	4.6	6.8
68	5.1	3.7	5.5



#22
Acetophenone
Concen: 36.05 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion:	105	Resp:	139905
Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.6	1.0#
51	21.2	21.6	32.4#
120	21.2	16.1	24.1

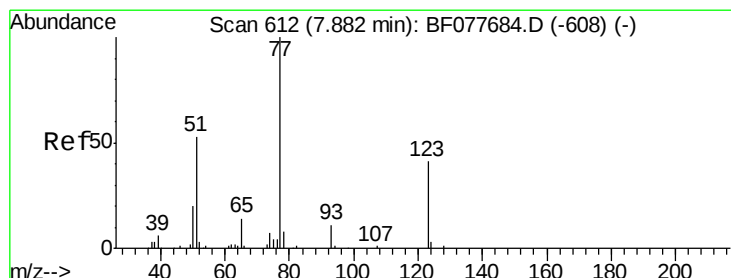
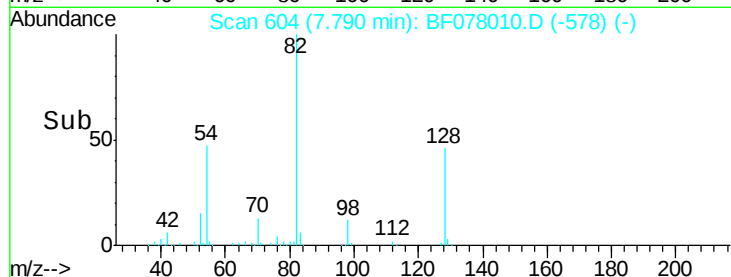
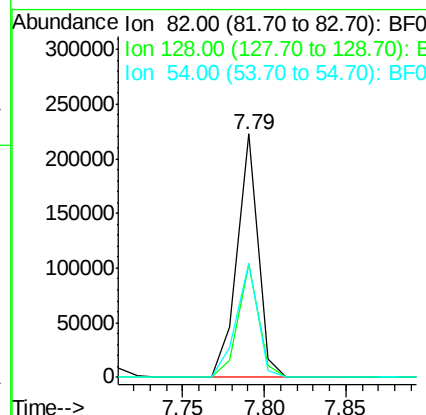
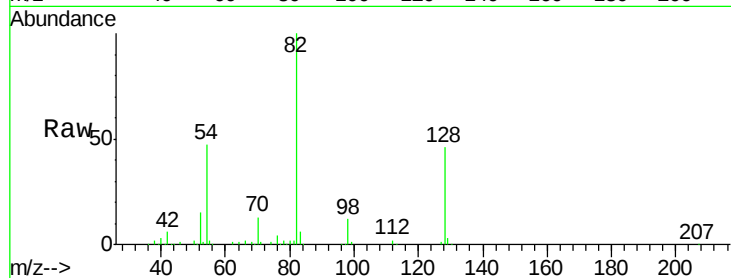




#23
 Nitrobenzene-d5
 Concen: 73.49 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

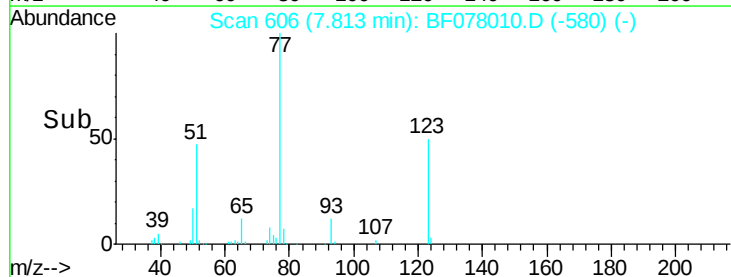
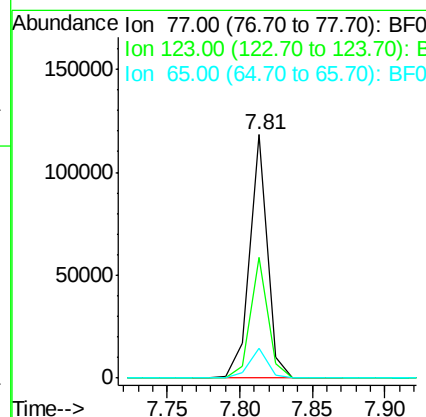
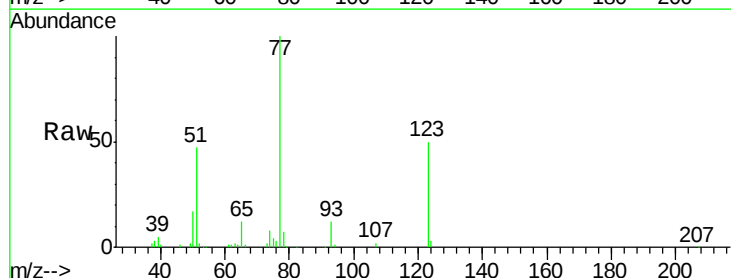
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

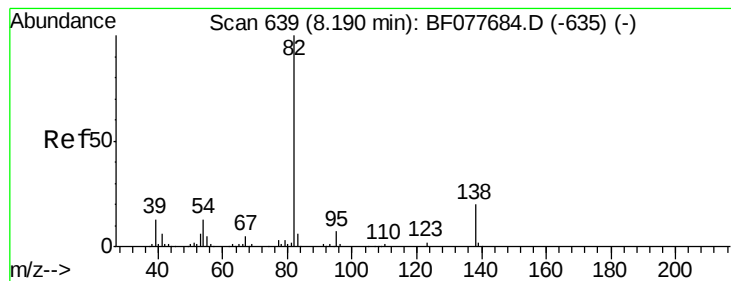
Tgt Ion	Resp	Lower	Upper
82	196554		
128	46.3	32.8	49.2
54	47.2	40.6	60.8



#24
 Nitrobenzene
 Concen: 35.02 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion	Resp	Lower	Upper
77	100914		
123	49.6	32.6	49.0#
65	12.4	10.9	16.3





#25

Isophorone

Concen: 33.25 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

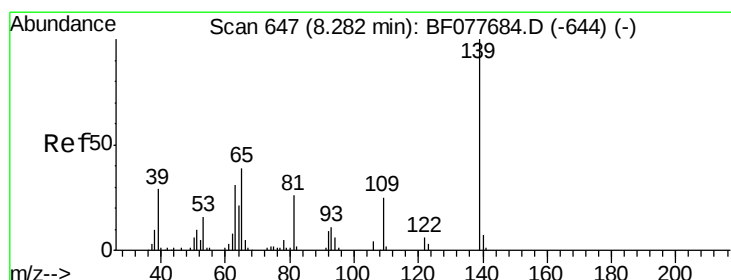
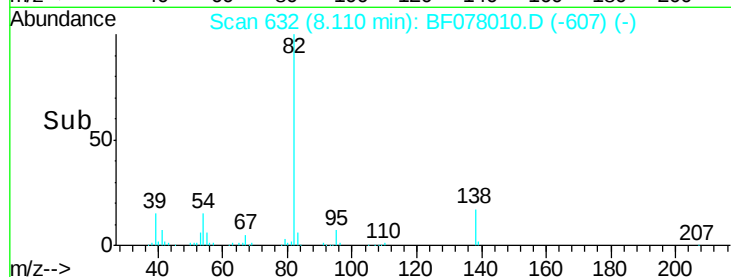
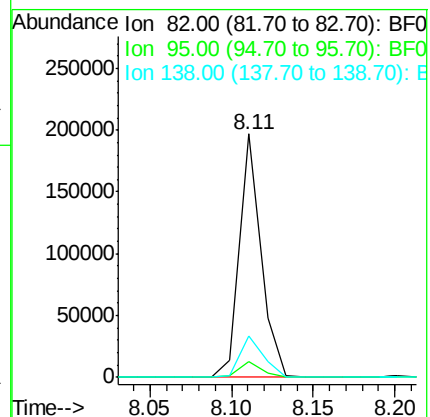
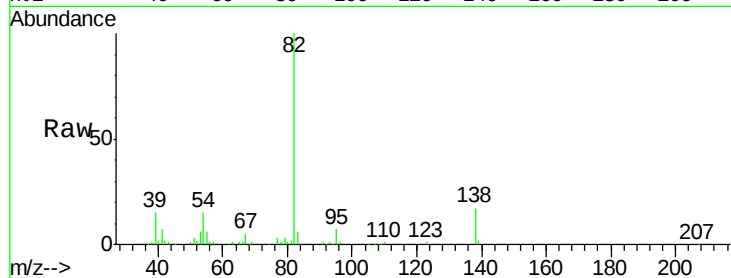
Tgt Ion: 82 Resp: 179585

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 16.7 16.3 24.5



#26

2-Nitrophenol

Concen: 32.63 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

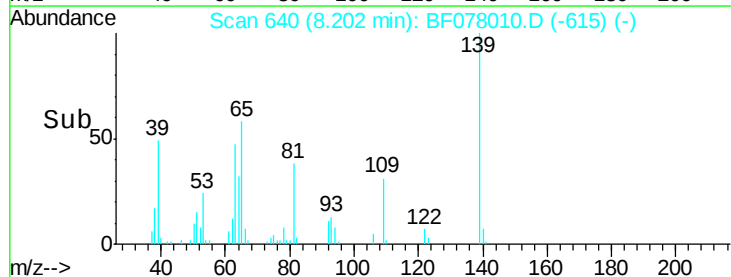
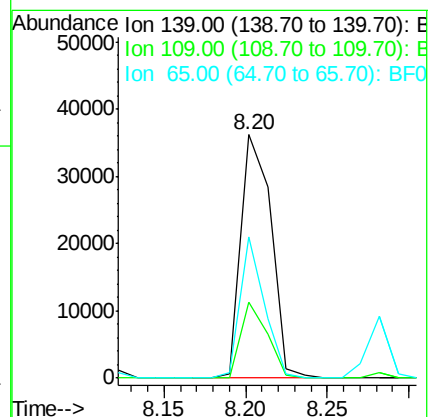
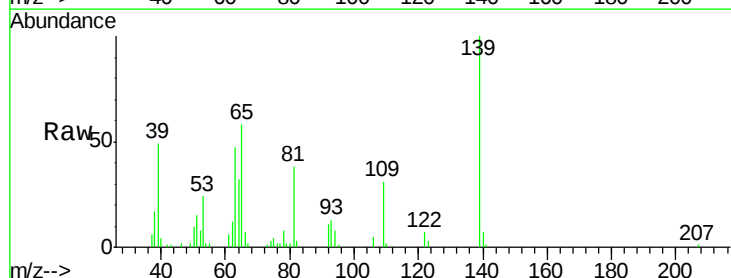
Tgt Ion: 139 Resp: 46026

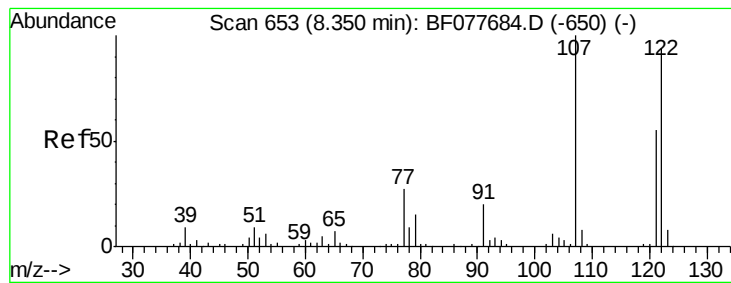
Ion Ratio Lower Upper

139 100

109 31.0 20.1 30.1#

65 57.8 31.5 47.3#

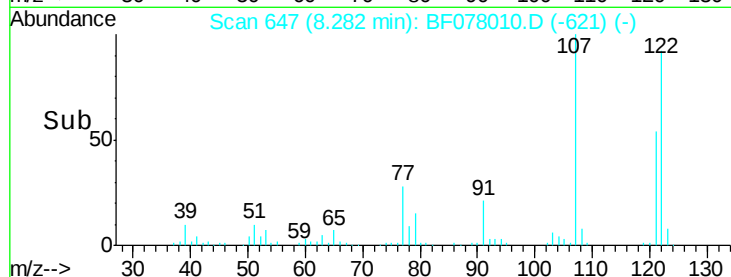
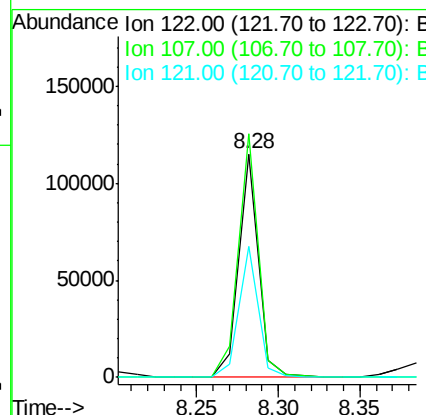
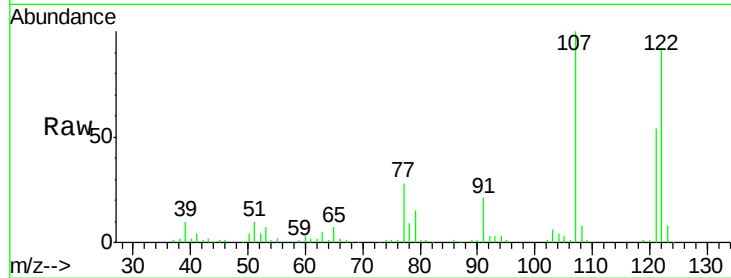




#27
 2,4-Dimethylphenol
 Concen: 37.03 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

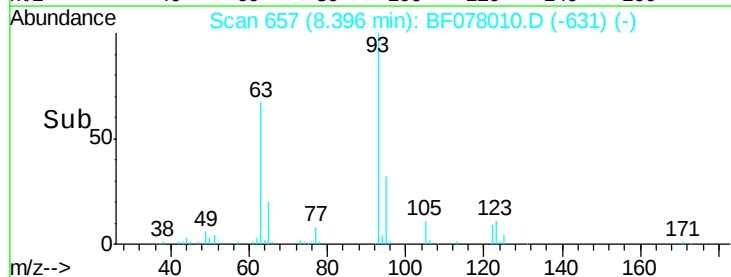
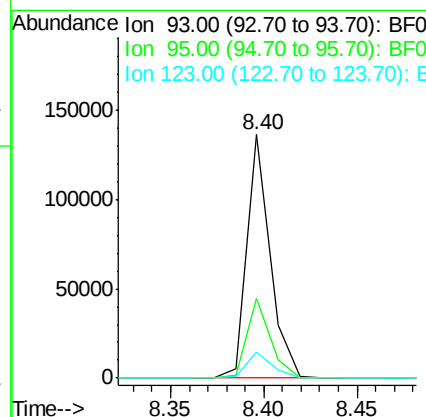
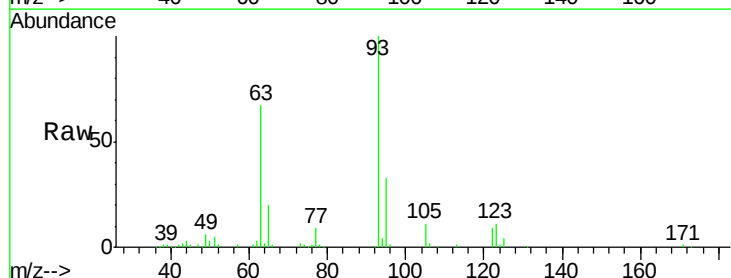
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

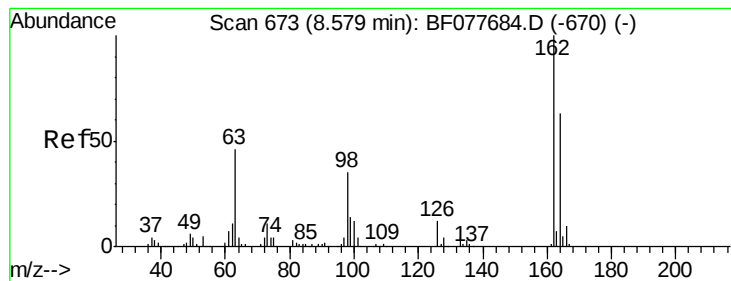
Tgt Ion: 122 Resp: 95165
 Ion Ratio Lower Upper
 122 100
 107 109.0 84.7 127.1
 121 58.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.06 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion: 93 Resp: 118238
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.5 38.3
 123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 36.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

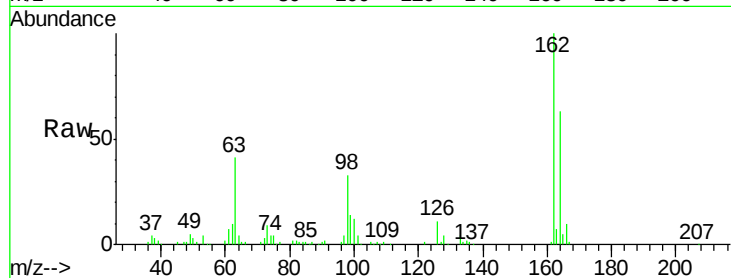
Tgt Ion:162 Resp: 88190

Ion Ratio Lower Upper

162 100

164 62.8 42.8 82.8

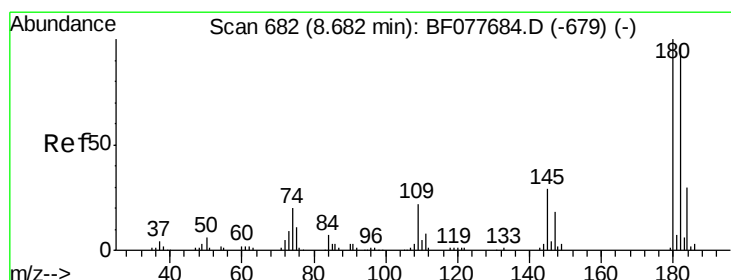
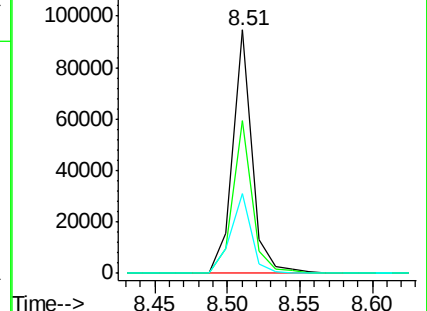
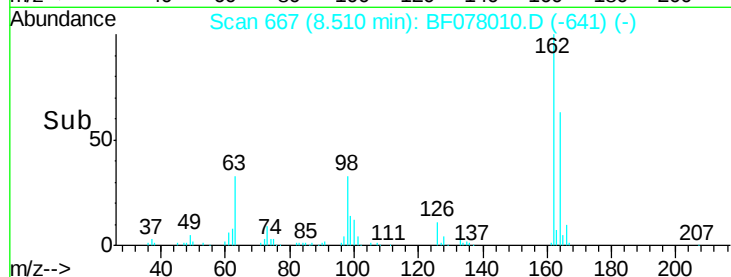
98 32.5 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 32.06 ng

RT: 8.60 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

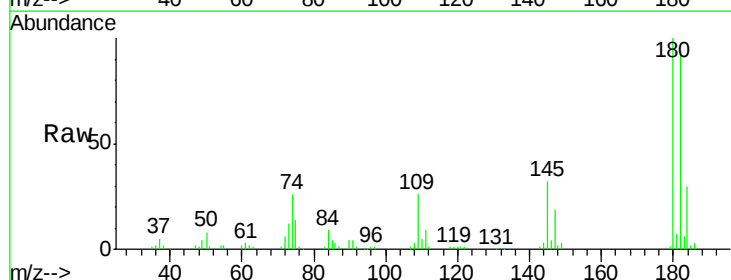
Tgt Ion:180 Resp: 87866

Ion Ratio Lower Upper

180 100

182 94.0 77.6 116.4

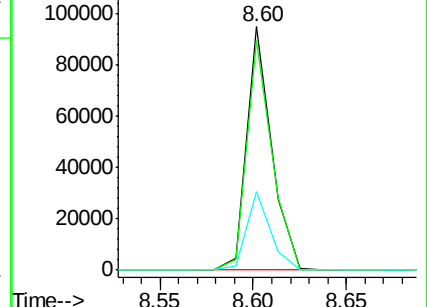
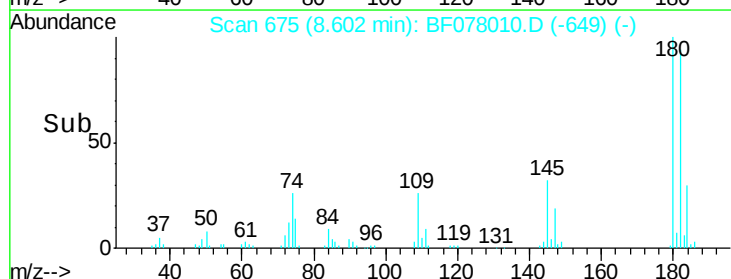
145 32.1 23.4 35.2

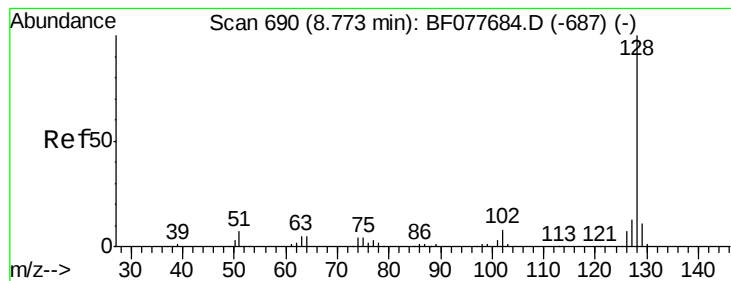


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.48 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

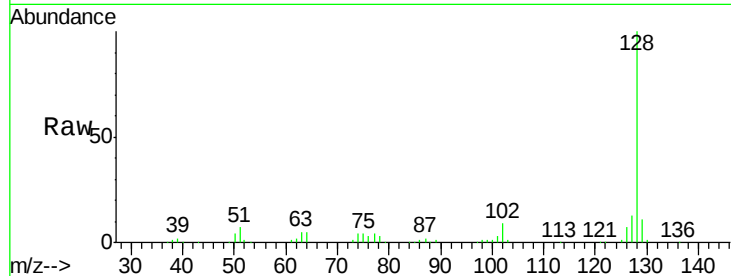
Tgt Ion:128 Resp: 292445

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

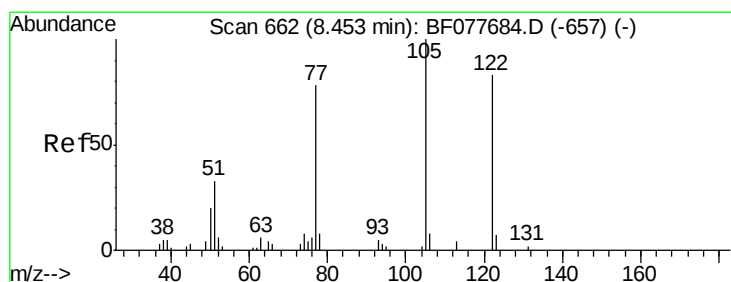
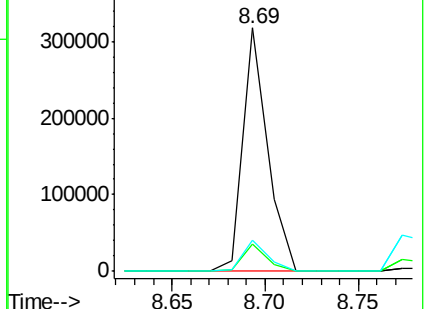
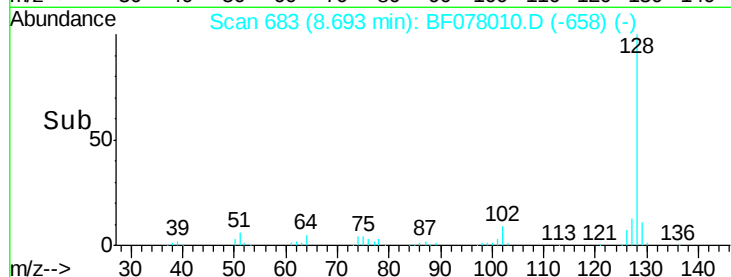
127 12.9 10.4 15.6



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: 24.26 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

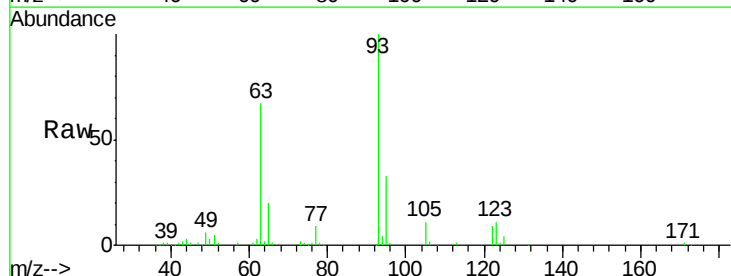
Tgt Ion:122 Resp: 32428

Ion Ratio Lower Upper

122 100

105 121.0 99.9 139.9

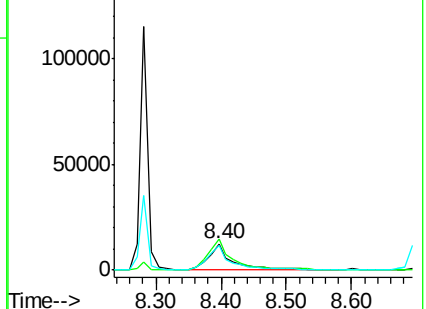
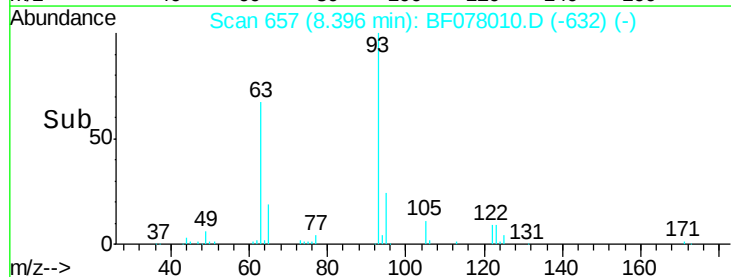
77 96.6 73.7 113.7

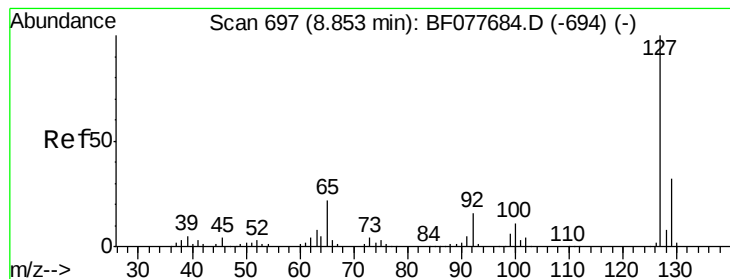


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

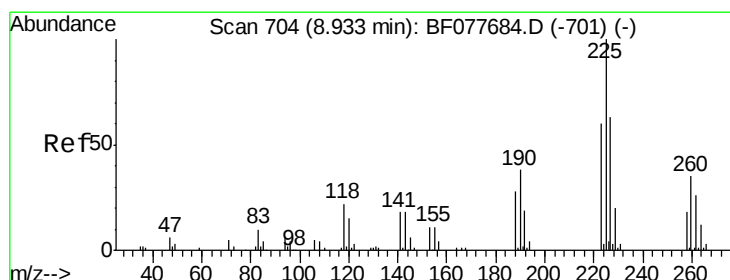
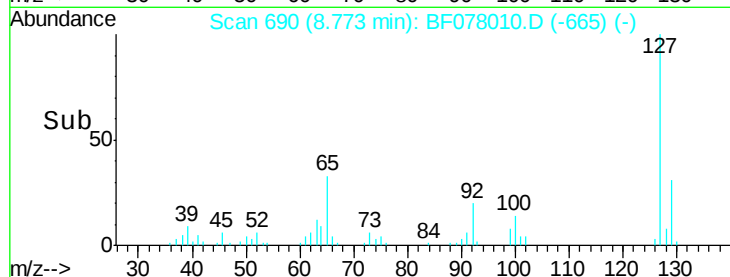
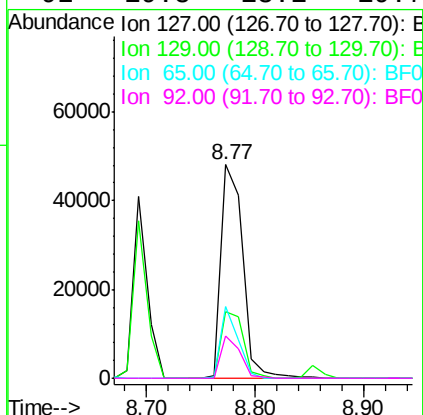
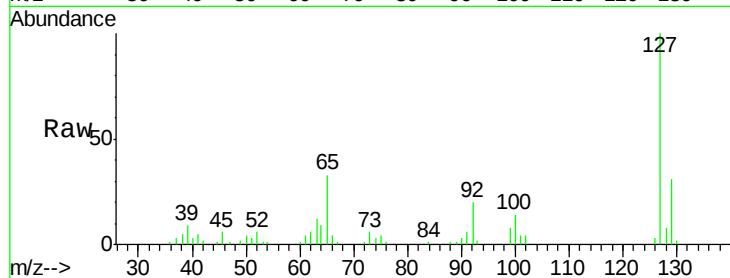




#33
 4-Chloroaniline
 Concen: 18.41 ng
 RT: 8.77 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

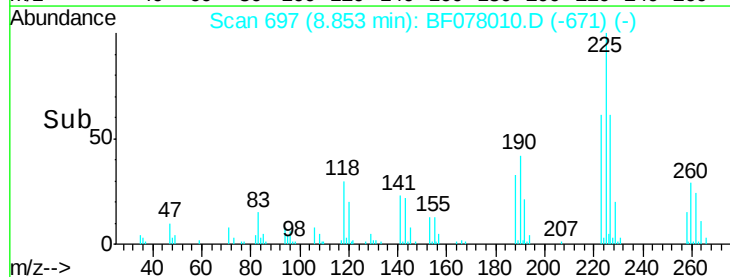
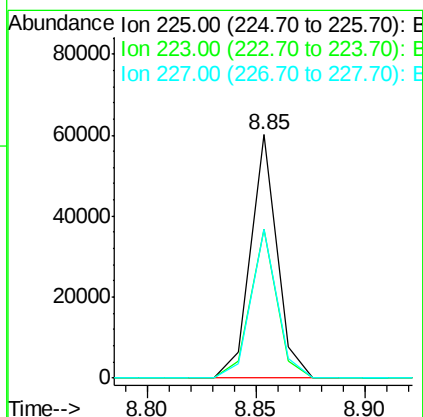
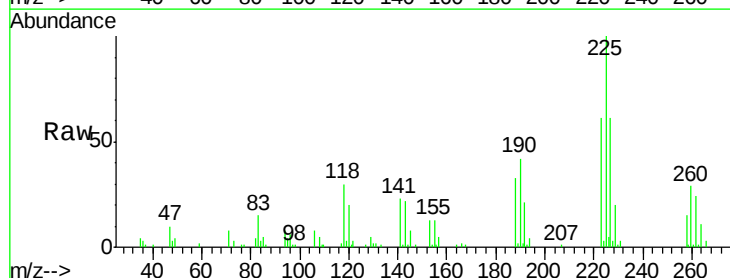
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

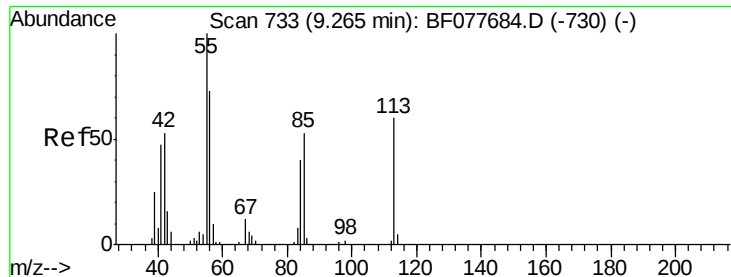
Tgt Ion:	127	Resp:	67280
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.3	37.9
65	33.3	17.6	26.4
92	19.8	13.1	19.7



#34
 Hexachlorobutadiene
 Concen: 32.76 ng
 RT: 8.85 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:	225	Resp:	50894
Ion	Ratio	Lower	Upper
225	100		
223	61.3	47.9	71.9
227	61.4	50.1	75.1

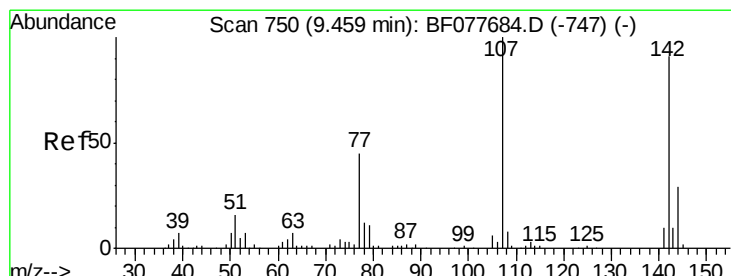
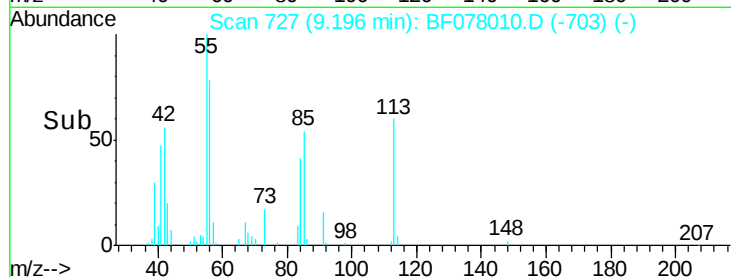
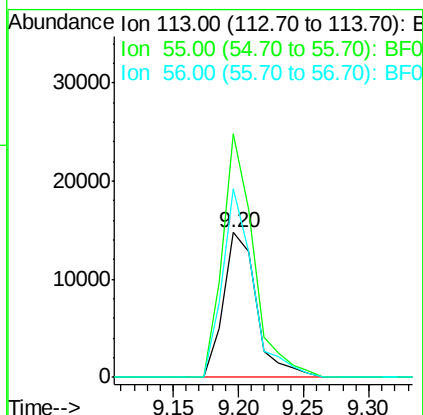
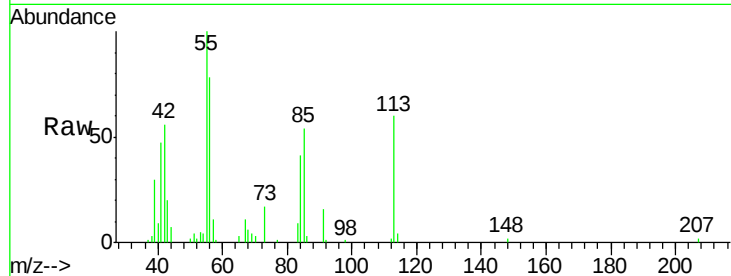




#35
 Caprolactam
 Concen: 36.50 ng
 RT: 9.20 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

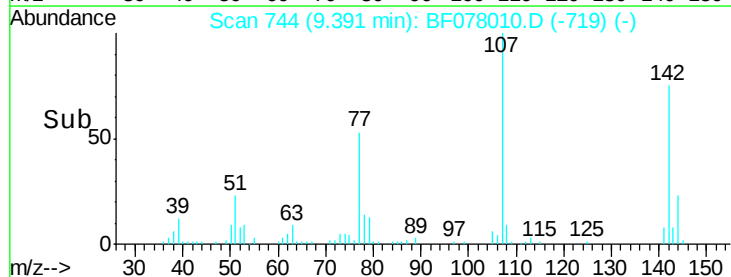
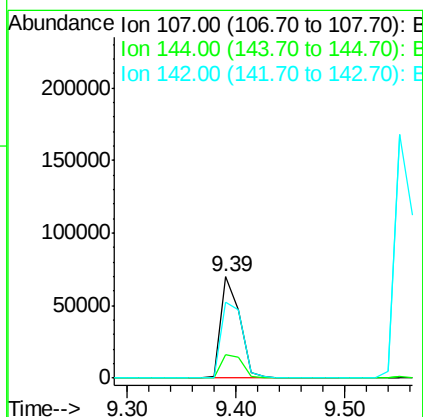
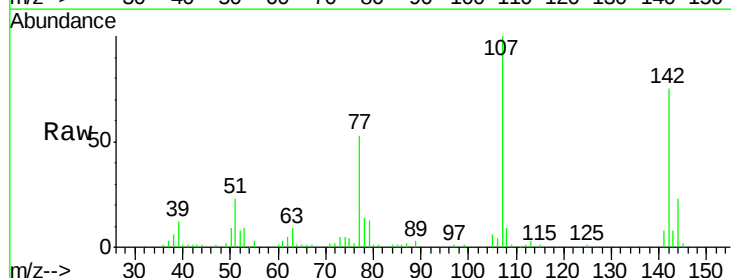
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

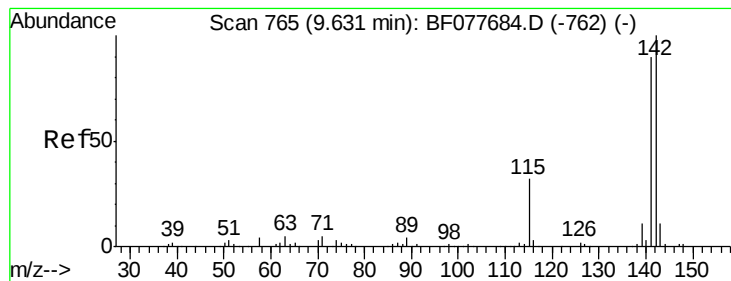
Tgt Ion:113 Resp: 26129
 Ion Ratio Lower Upper
 113 100
 55 168.0 145.9 185.9
 56 130.2 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 34.90 ng
 RT: 9.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:107 Resp: 86012
 Ion Ratio Lower Upper
 107 100
 144 23.0 23.3 34.9#
 142 74.6 72.6 109.0





#37

2-Methylnaphthalene

Concen: 32.58 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

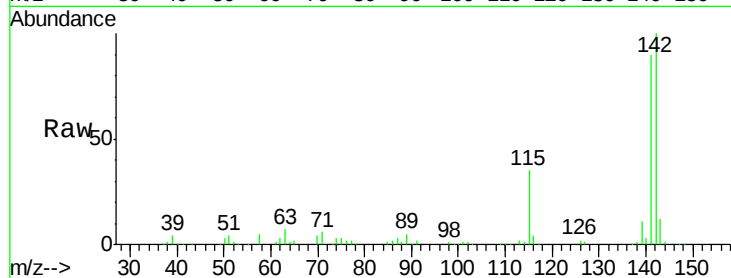
Tgt Ion:142 Resp: 197105

Ion Ratio Lower Upper

142 100

141 89.9 71.9 107.9

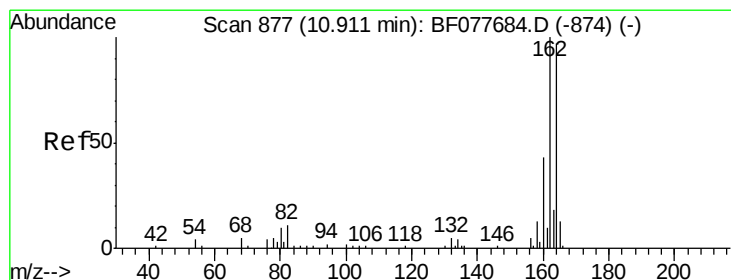
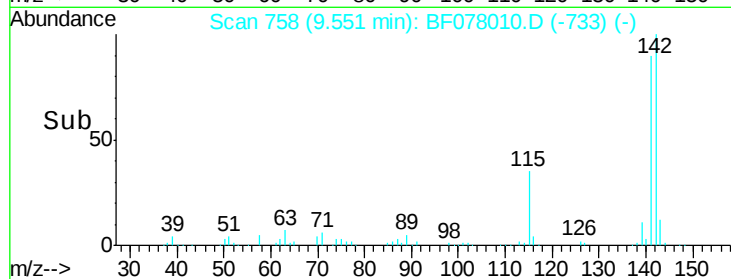
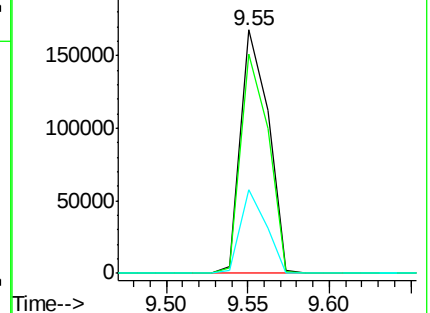
115 34.6 25.4 38.0



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: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

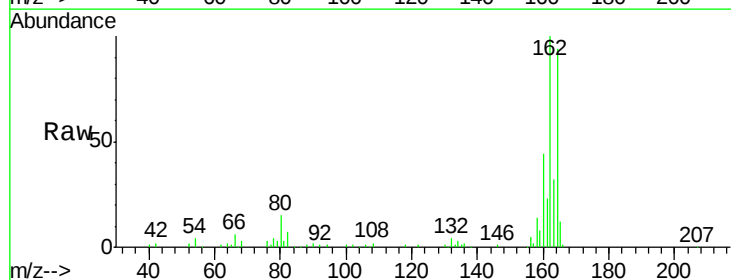
Tgt Ion:164 Resp: 86594

Ion Ratio Lower Upper

164 100

162 106.5 82.4 123.6

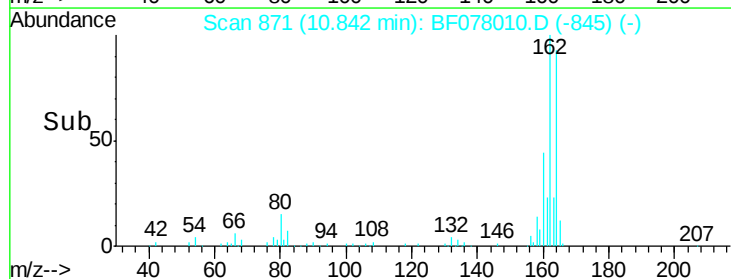
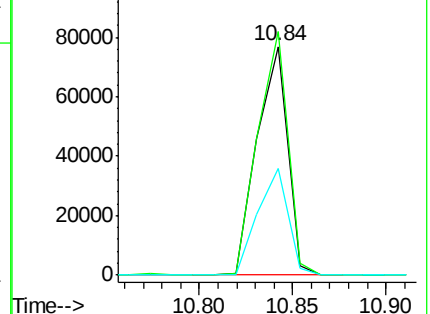
160 46.4 35.8 53.6

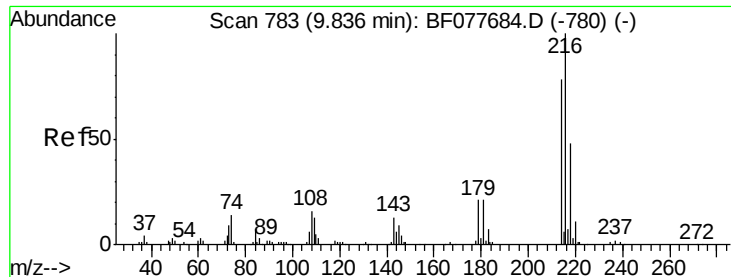


Abundance Ion 164.00 (163.70 to 164.70): E

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: 32.76 ng

RT: 9.76 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

Tgt Ion:216 Resp: 84624

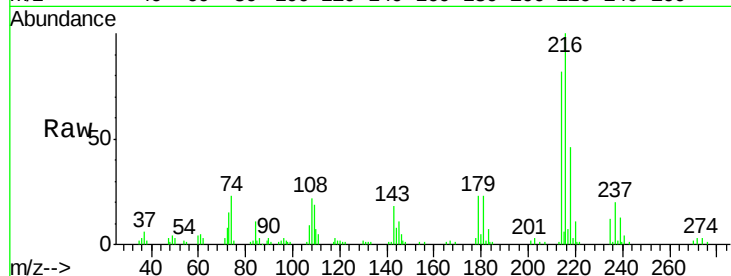
Ion Ratio Lower Upper

216 100

214 80.9 0.0 0.0#

179 21.3 0.0 0.0#

108 21.0 0.0 0.0#

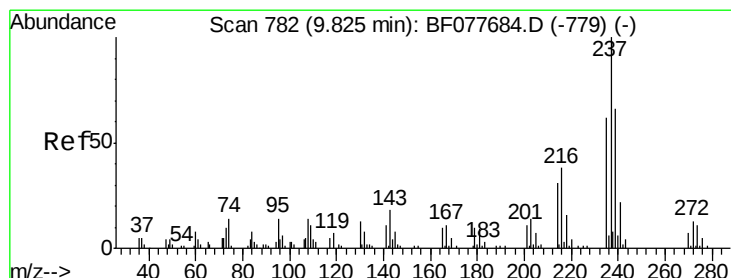
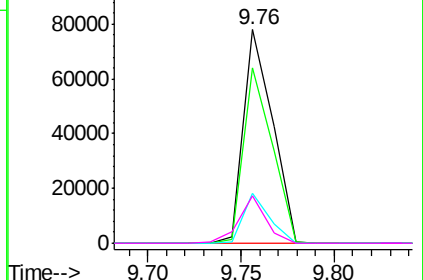
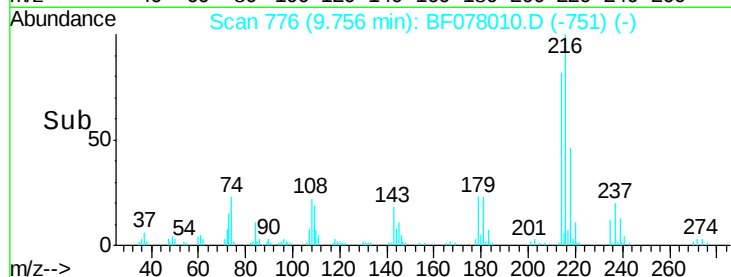


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.79 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

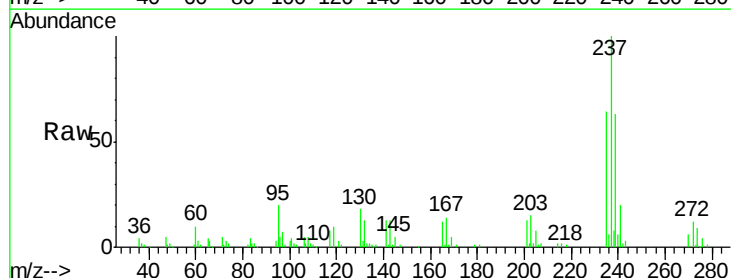
Tgt Ion:237 Resp: 80264

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

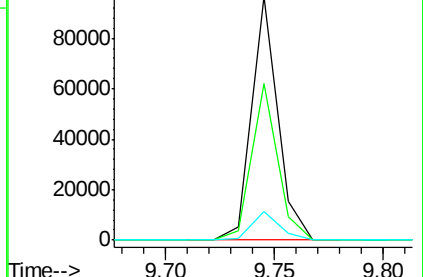
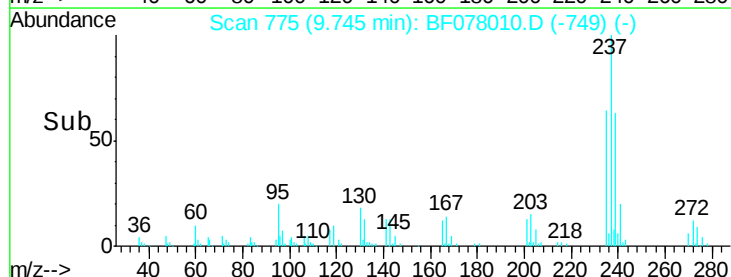
272 11.8 0.0 33.4



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

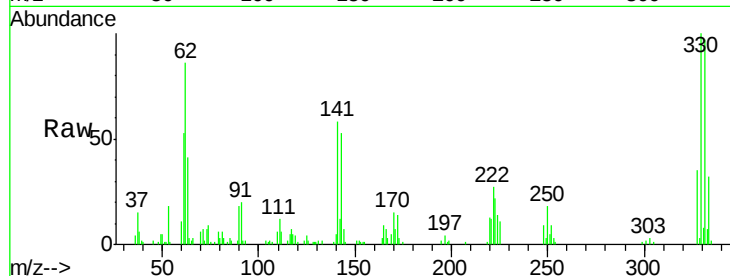




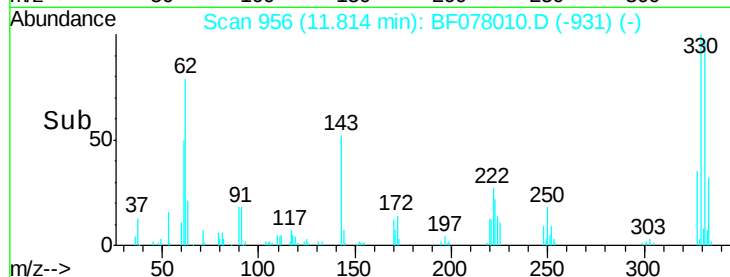
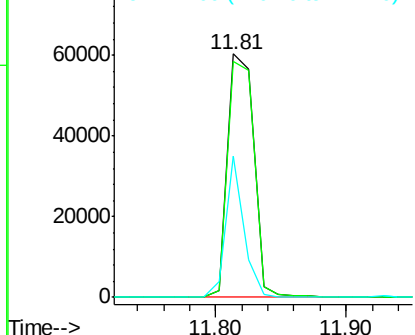
#41
 2,4,6-Tribromophenol
 Concen: 101.87 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

Tgt Ion:330 Resp: 84400
 Ion Ratio Lower Upper
 330 100
 332 98.4 0.0 0.0#
 141 39.5 0.0 0.0#

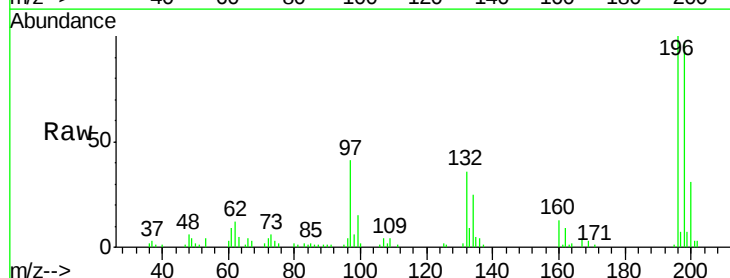


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

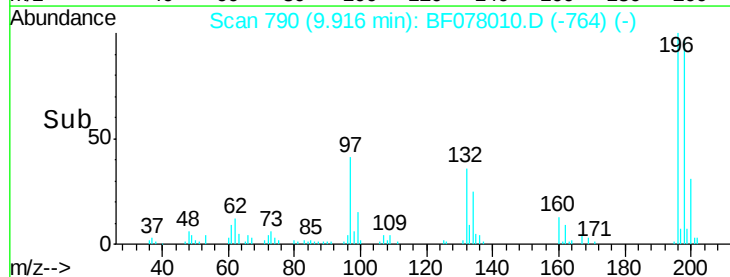
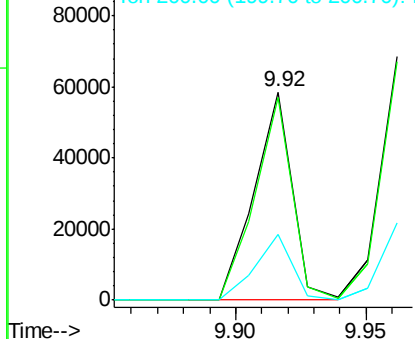


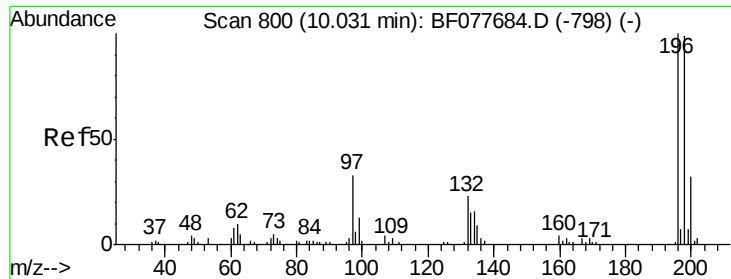
#42
 2,4,6-Trichlorophenol
 Concen: 33.58 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:196 Resp: 60085
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.3 114.5
 200 31.4 25.6 38.4



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

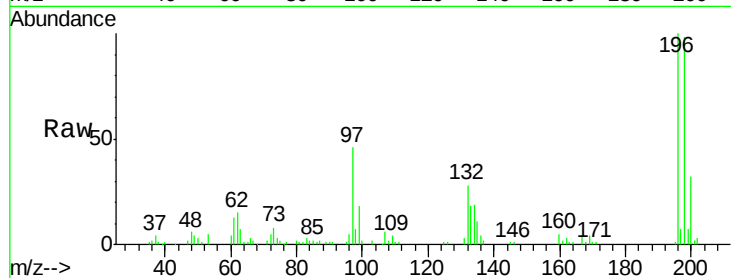




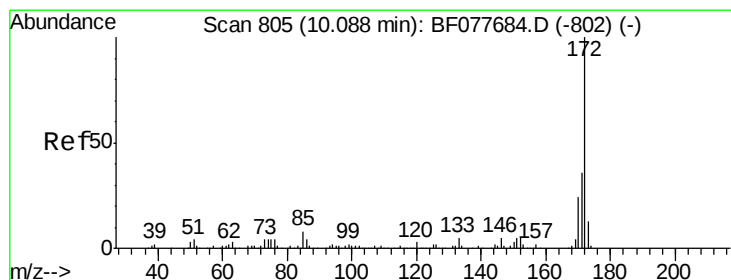
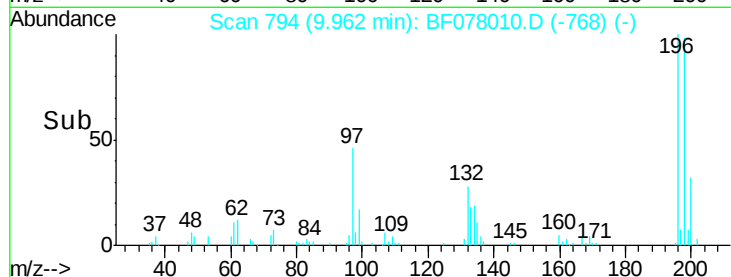
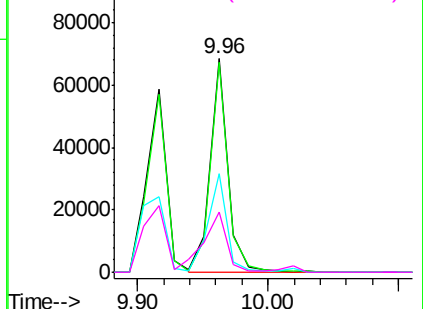
#43
 2,4,5-Trichlorophenol
 Concen: 33.77 ng
 RT: 9.96 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

Tgt Ion:196 Resp: 65264
 Ion Ratio Lower Upper
 196 100
 198 98.2 79.4 119.0
 97 45.9 26.8 40.2#
 132 28.2 18.6 28.0#

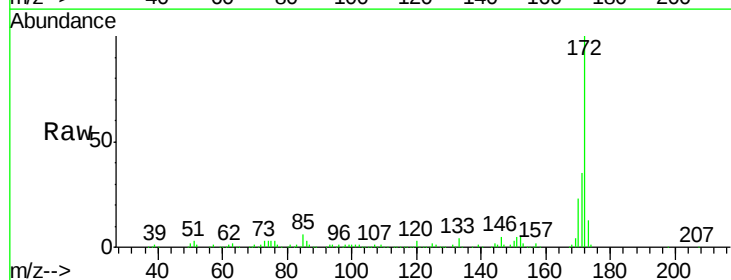


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

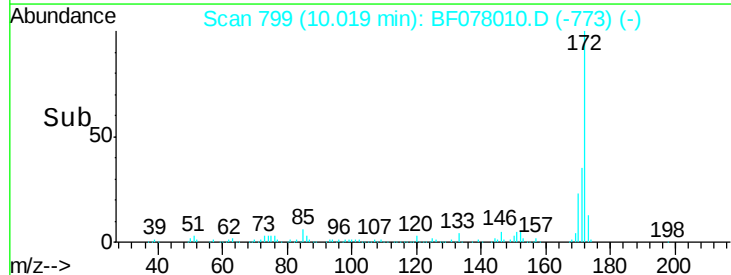
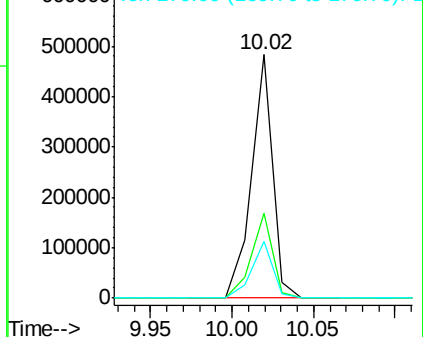


#44
 2-Fluorobiphenyl
 Concen: 73.27 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:172 Resp: 431714
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.2 18.8 28.2



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

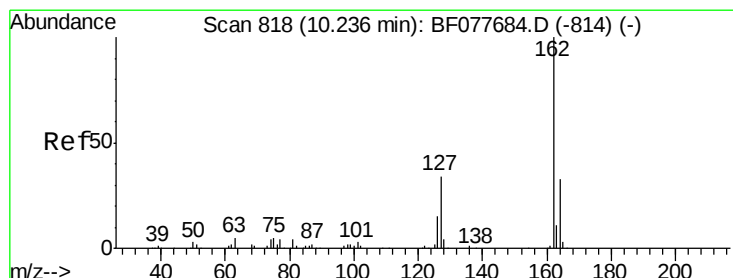
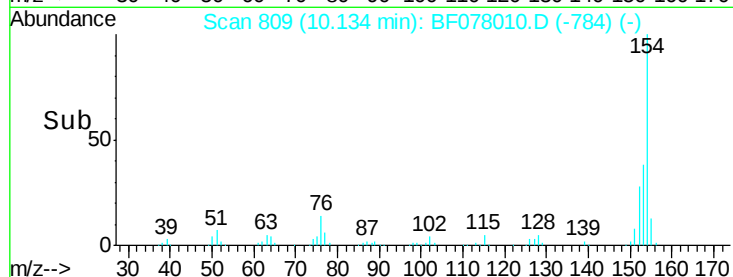
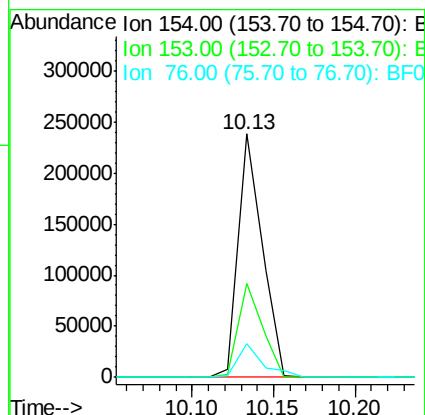
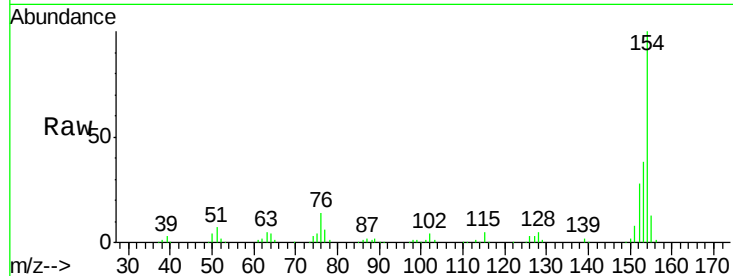




#45
 1,1'-Biphenyl
 Concen: 34.89 ng
 RT: 10.13 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

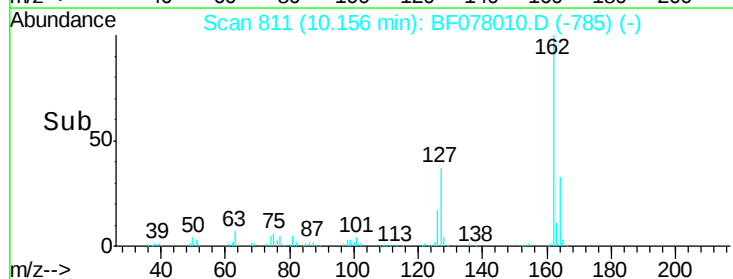
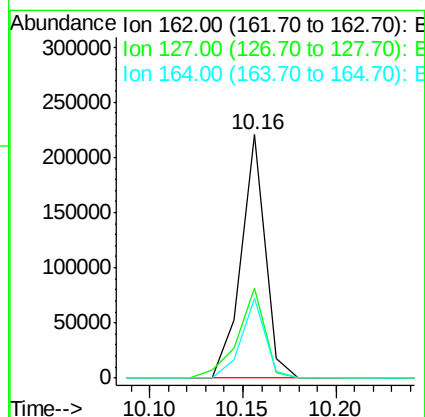
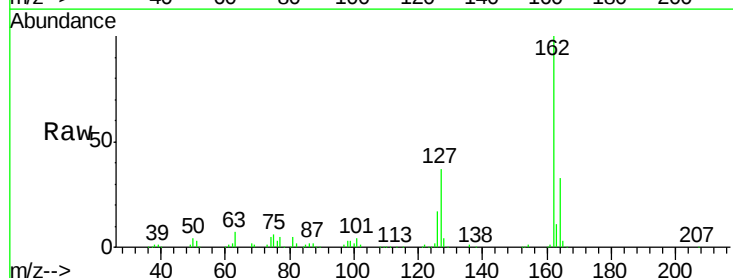
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

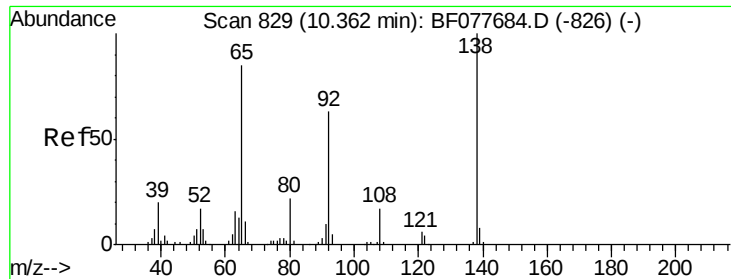
Tgt Ion:154 Resp: 241548
 Ion Ratio Lower Upper
 154 100
 153 38.4 20.7 60.7
 76 14.0 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 35.51 ng
 RT: 10.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:162 Resp: 199737
 Ion Ratio Lower Upper
 162 100
 127 37.0 26.9 40.3
 164 32.6 26.8 40.2

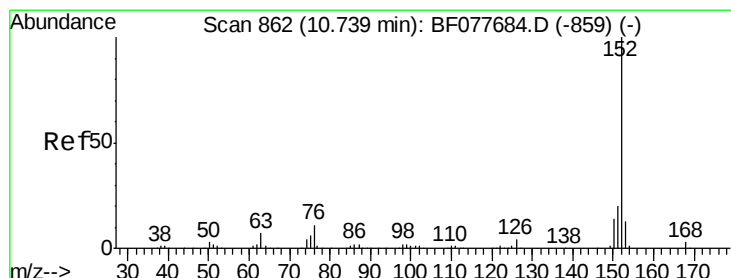
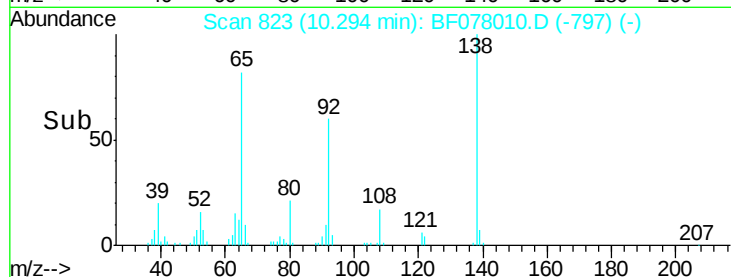
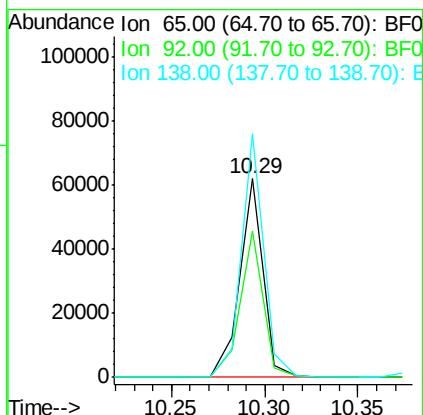
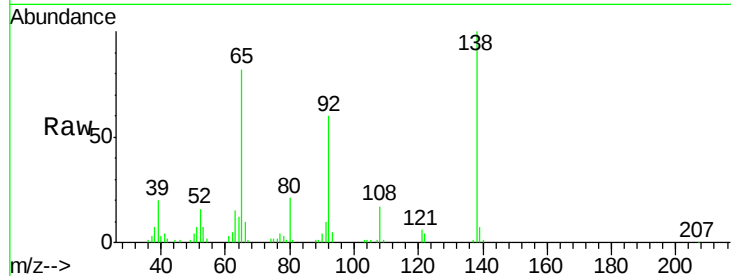




#47
2-Nitroaniline
Concen: 38.70 ng
RT: 10.29 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

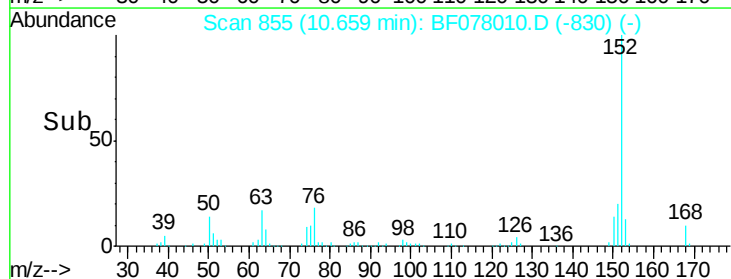
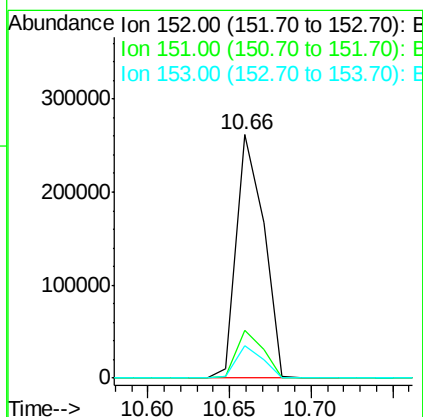
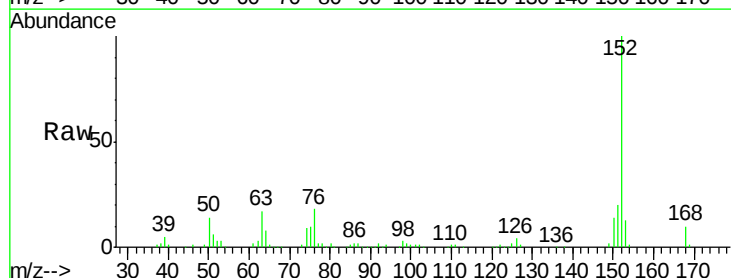
Instrument :
BNA_F
ClientSampleId :
PB82242BSD

Tgt Ion: 65 Resp: 54062
Ion Ratio Lower Upper
65 100
92 73.5 59.1 88.7
138 122.6 93.9 140.9



#48
Acenaphthylene
Concen: 32.28 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion: 152 Resp: 301951
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.4 10.6 16.0

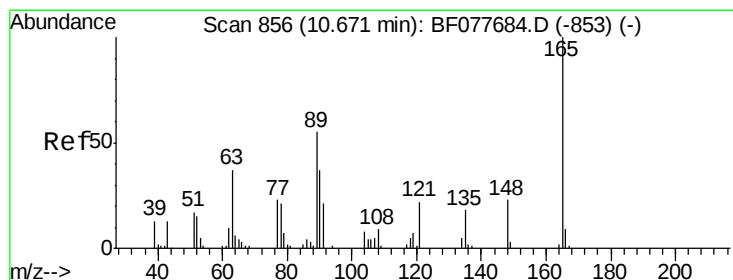
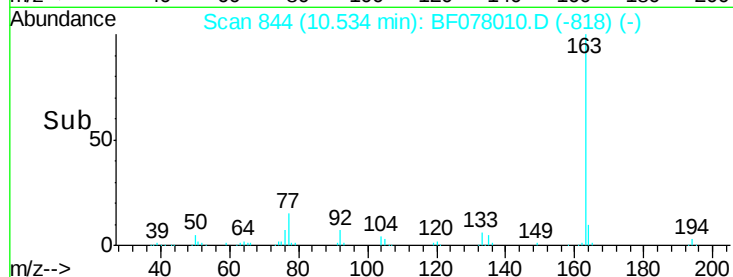
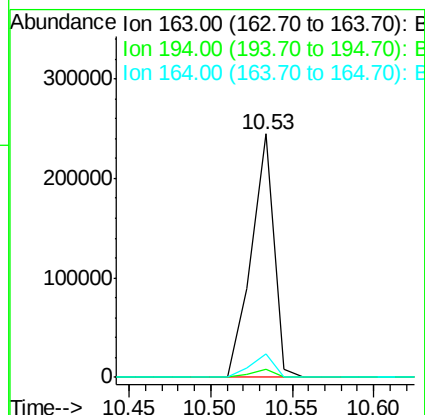
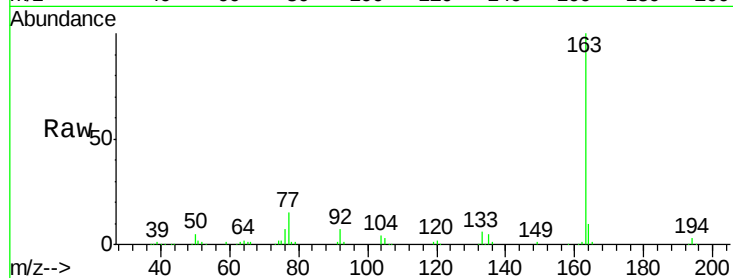




#49
Dimethylphthalate
Concen: 36.52 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

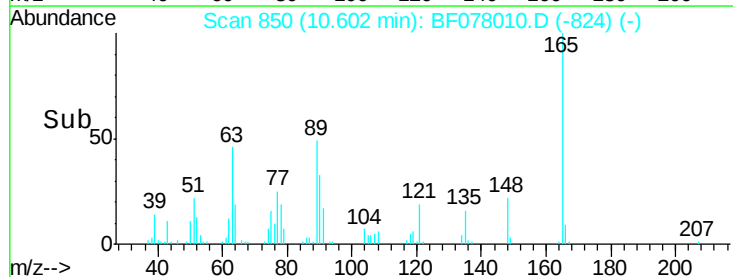
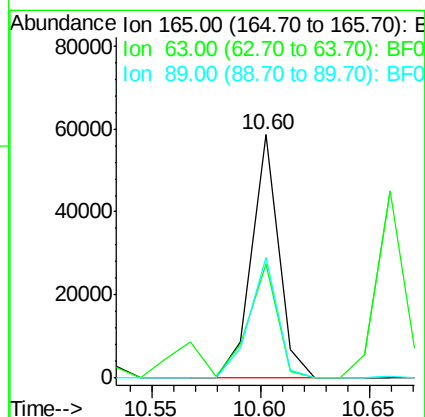
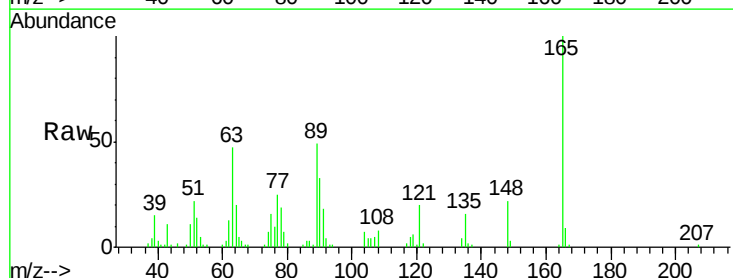
Instrument :
BNA_F
ClientSampleId :
PB82242BSD

Tgt Ion:163 Resp: 234577
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 38.15 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion:165 Resp: 50791
Ion Ratio Lower Upper
165 100
63 46.9 44.1 66.1
89 49.3 44.3 66.5





#51

Acenaphthene

Concen: 32.66 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

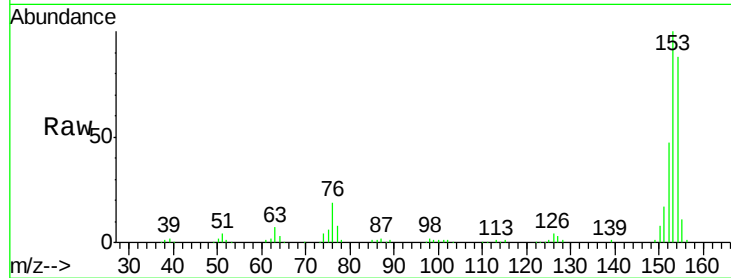
Tgt Ion:154 Resp: 175192

Ion Ratio Lower Upper

154 100

153 114.2 90.0 135.0

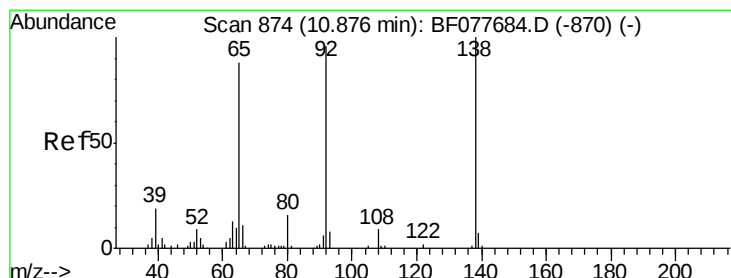
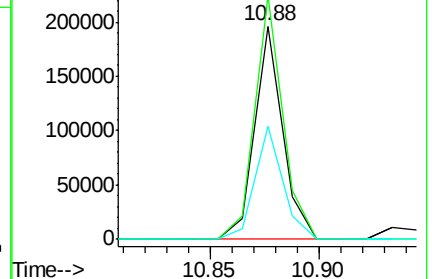
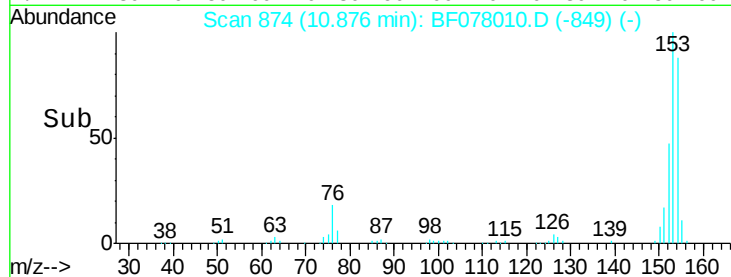
152 53.3 42.6 63.8



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: 26.37 ng

RT: 10.80 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

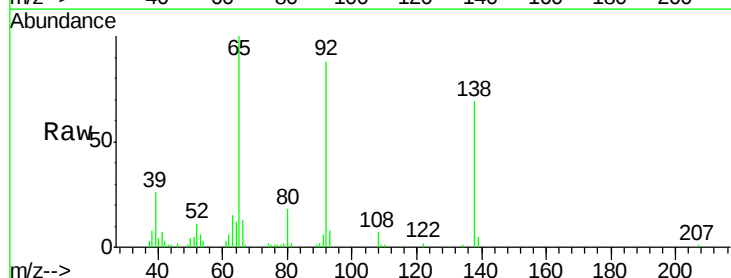
Tgt Ion:138 Resp: 40779

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9

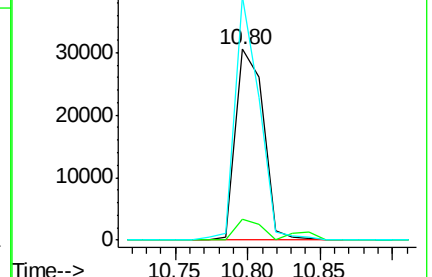
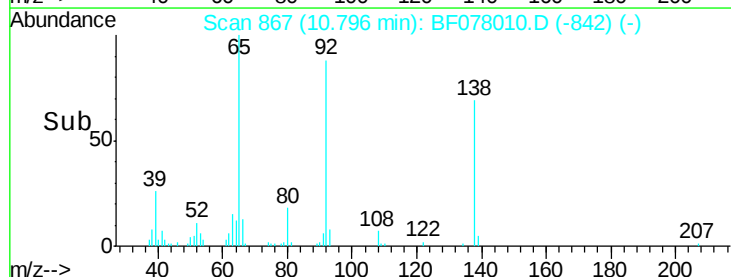
92 127.7 76.6 114.8#

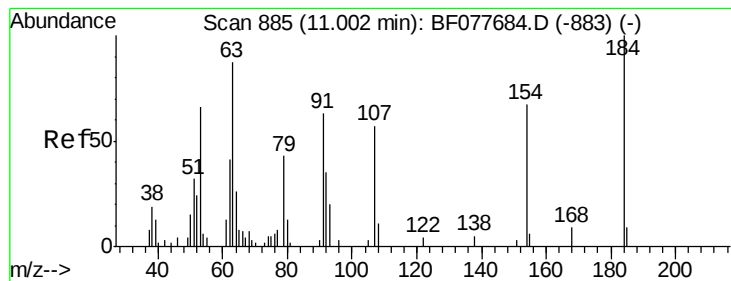


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 57.42 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

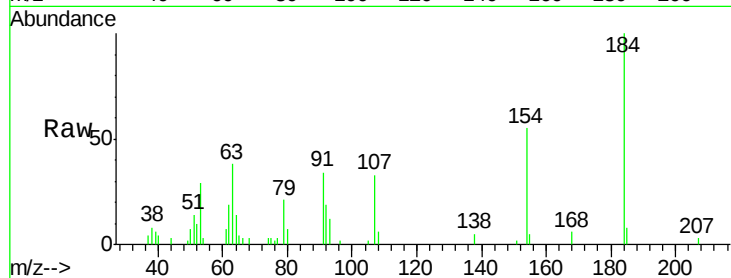
Tgt Ion:184 Resp: 26846

Ion Ratio Lower Upper

184 100

63 38.2 69.2 103.8#

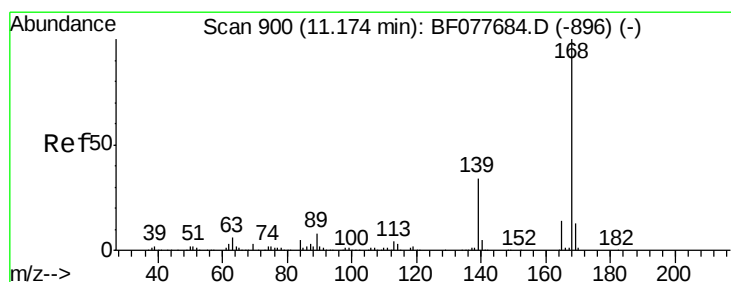
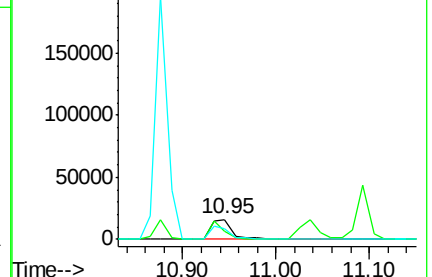
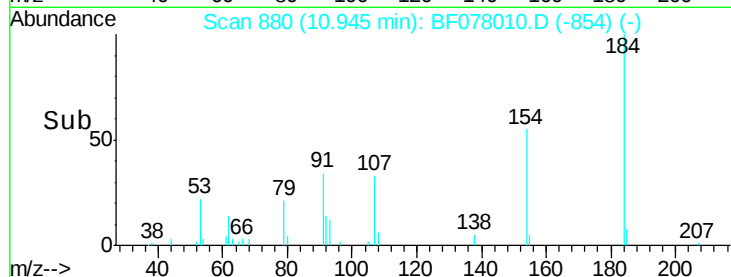
154 55.4 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.47 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

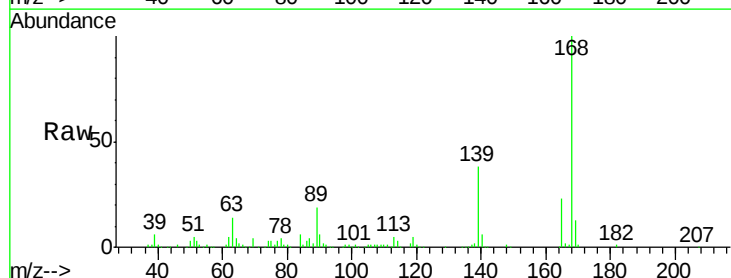
Tgt Ion:168 Resp: 274218

Ion Ratio Lower Upper

168 100

139 38.0 27.3 40.9

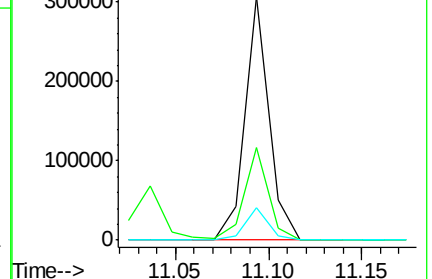
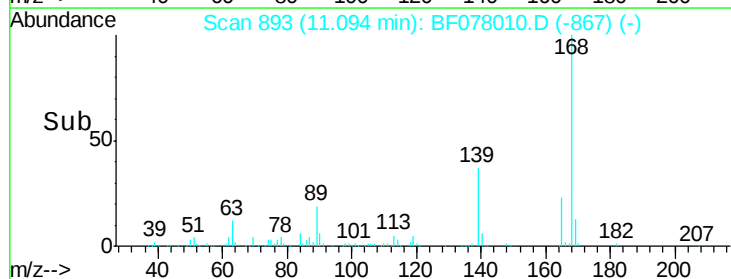
169 13.2 10.6 16.0

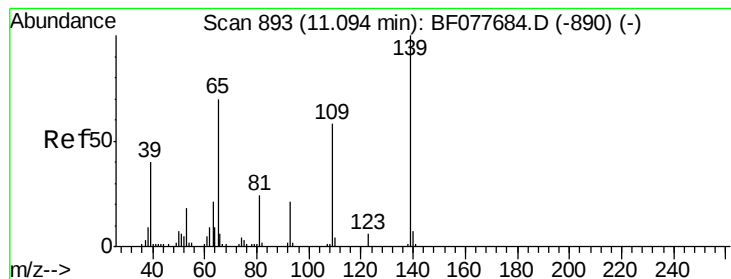


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 66.22 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

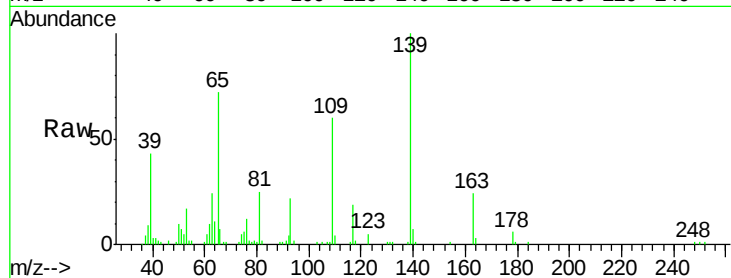
Tgt Ion:139 Resp: 75844

Ion Ratio Lower Upper

139 100

109 60.0 37.7 77.7

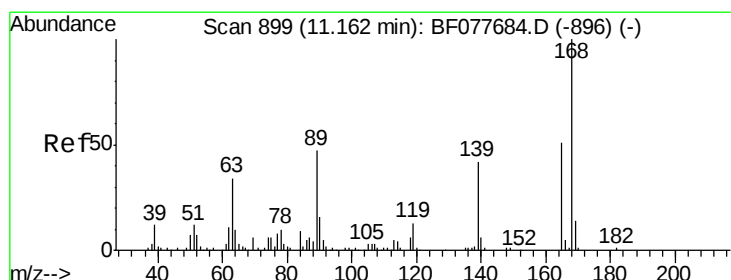
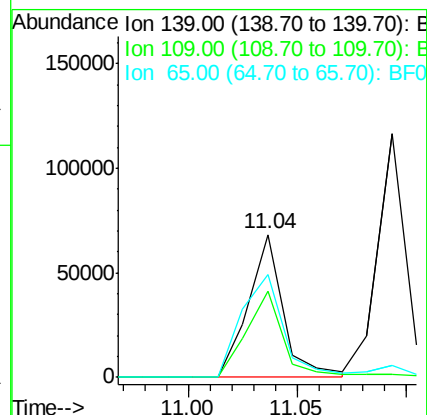
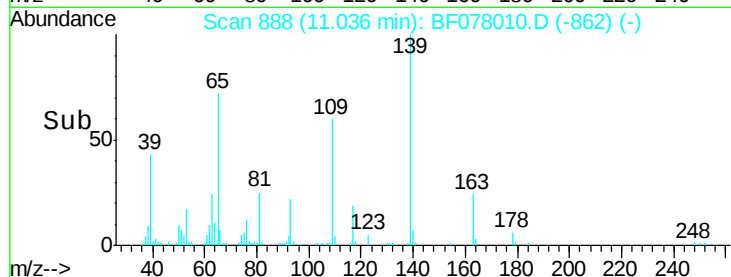
65 72.3 49.9 89.9



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): E



#56

2,4-Dinitrotoluene

Concen: 37.61 ng

RT: 11.09 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Tgt Ion:165 Resp: 65299

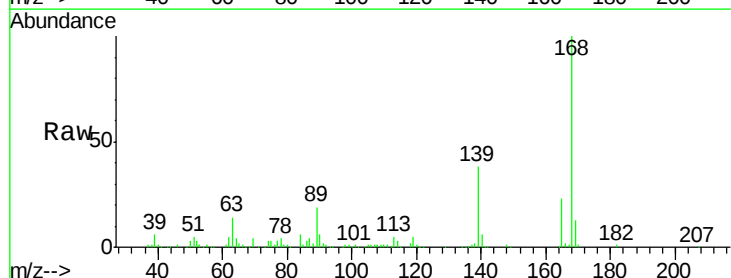
Ion Ratio Lower Upper

165 100

63 63.2 52.4 78.6

89 85.1 72.4 108.6

182 2.2 2.0 3.0

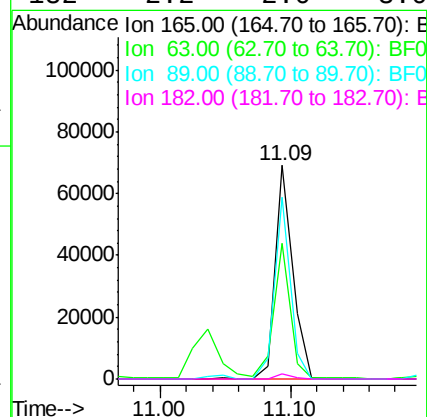
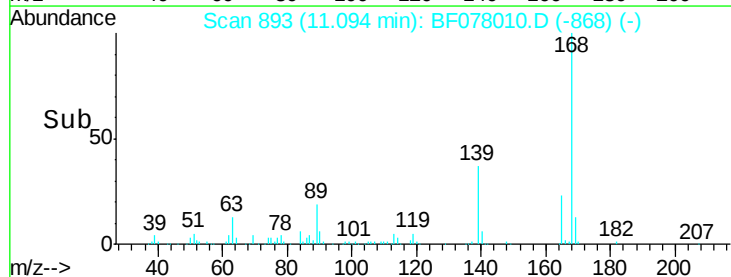


Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.62 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

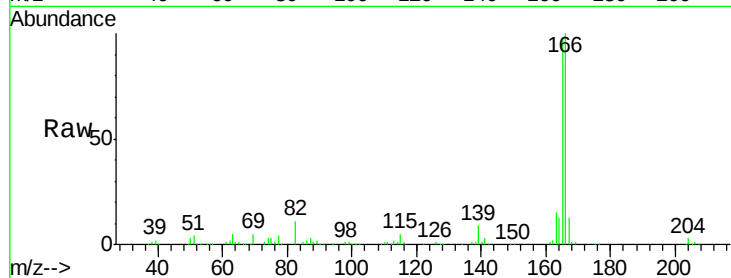
Tgt Ion:166 Resp: 228697

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.4

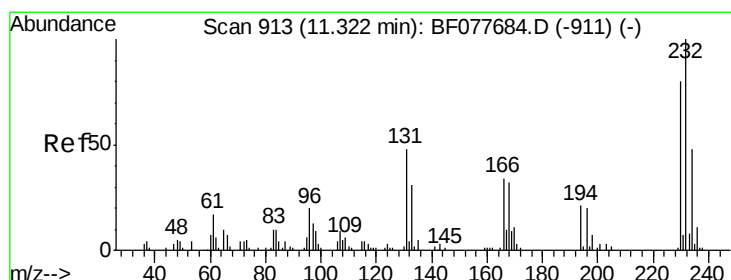
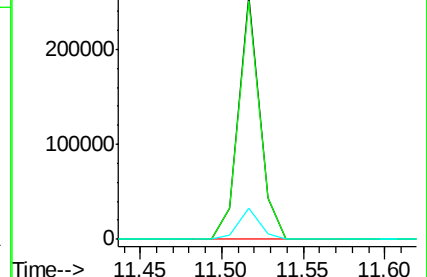
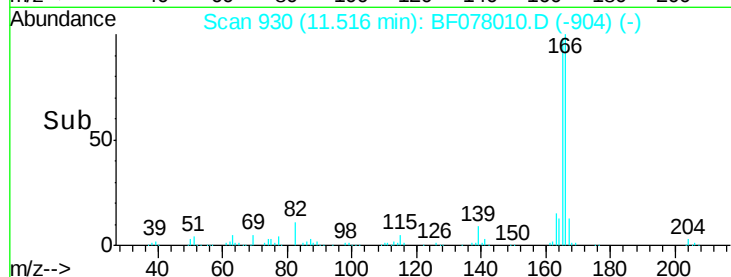
167 13.0 10.3 15.5



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: 35.95 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Tgt Ion:232 Resp: 53506

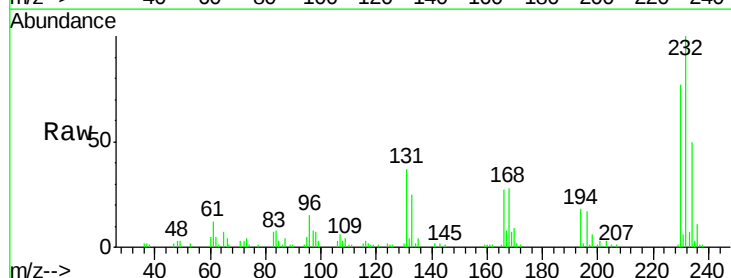
Ion Ratio Lower Upper

232 100

131 44.8 0.0 0.0#

130 2.0 0.0 0.0#

166 30.2 0.0 0.0#

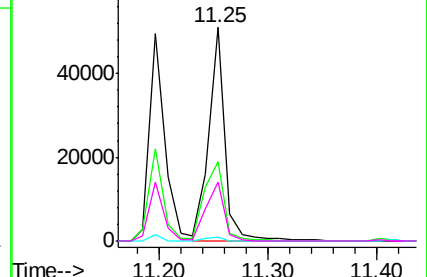
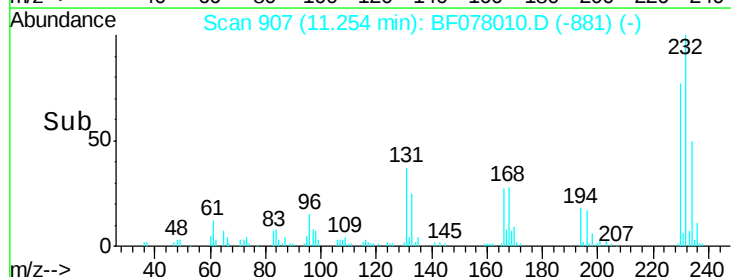


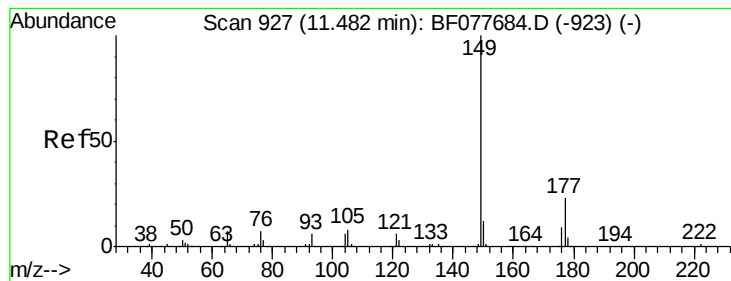
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.46 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

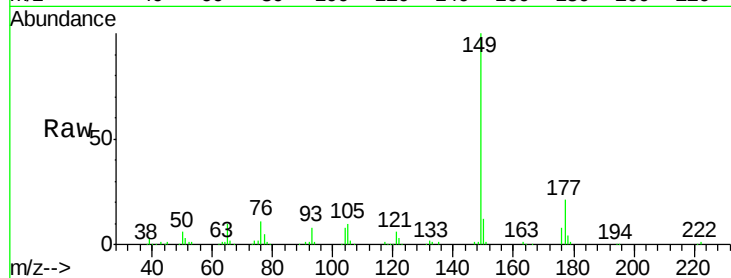
Tgt Ion:149 Resp: 215653

Ion Ratio Lower Upper

149 100

177 20.6 18.3 27.5

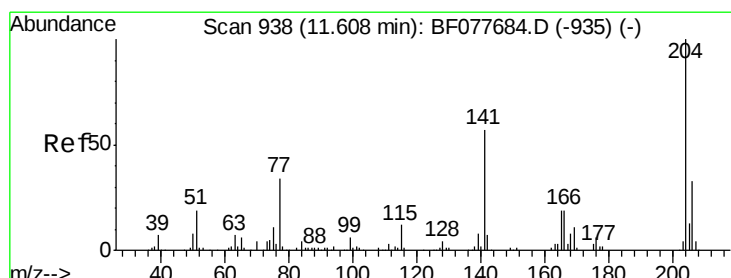
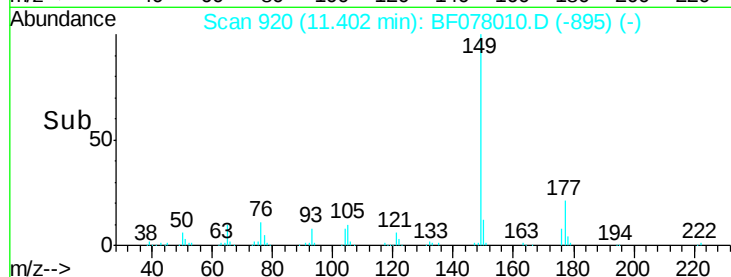
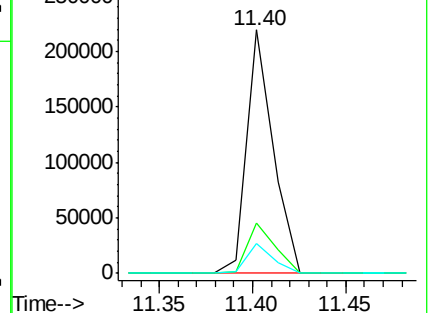
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.05 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

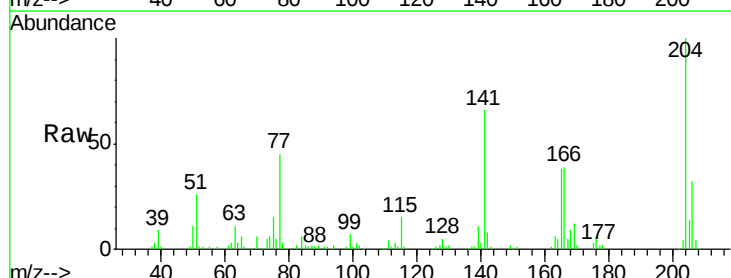
Tgt Ion:204 Resp: 102646

Ion Ratio Lower Upper

204 100

206 31.9 26.6 39.8

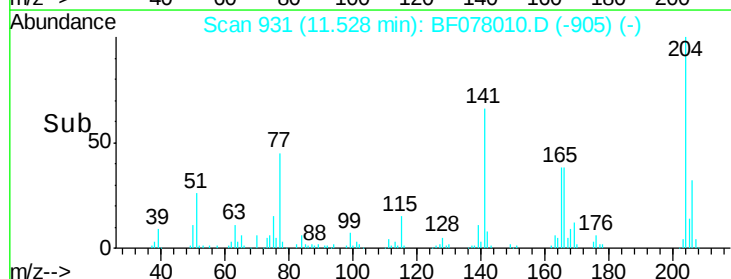
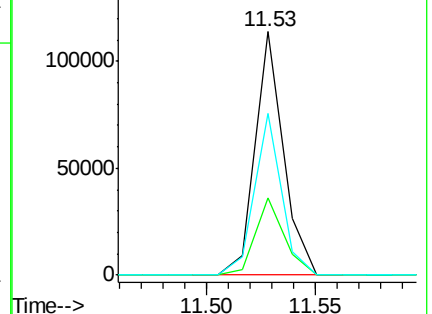
141 66.2 45.2 67.8

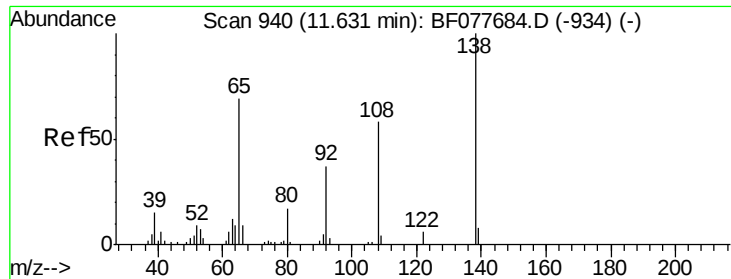


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

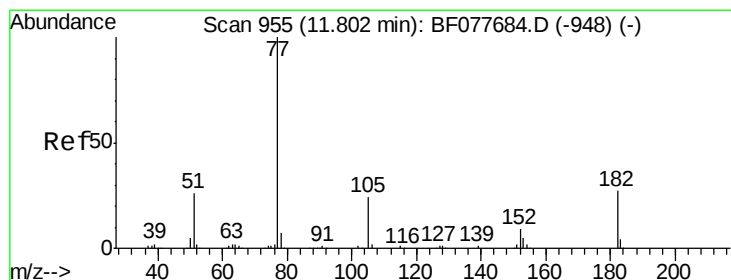
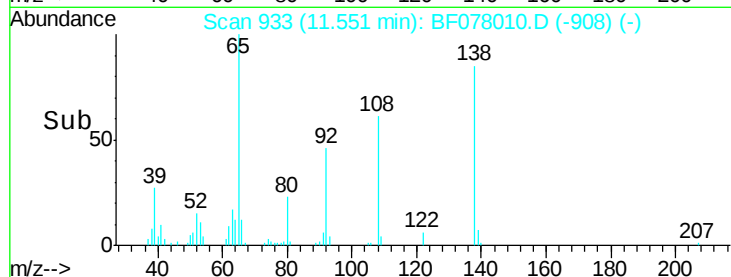
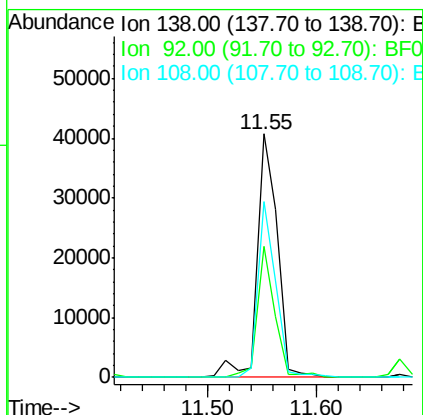
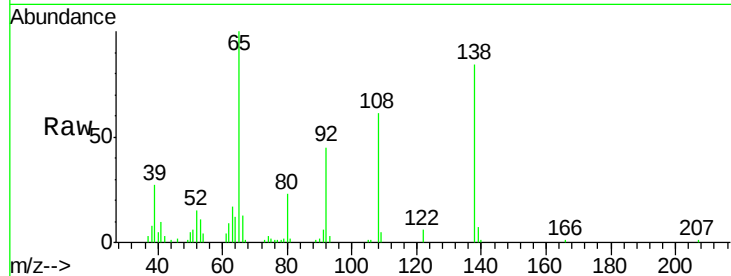




#61
4-Nitroaniline
Concen: 34.38 ng
RT: 11.55 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

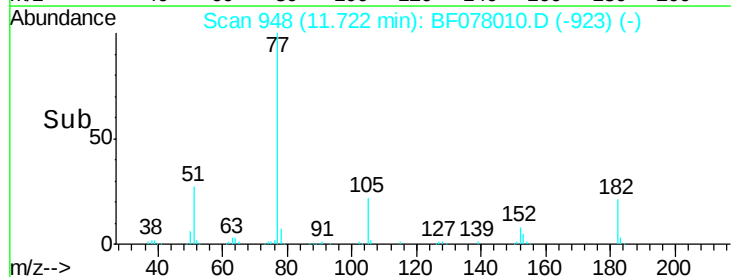
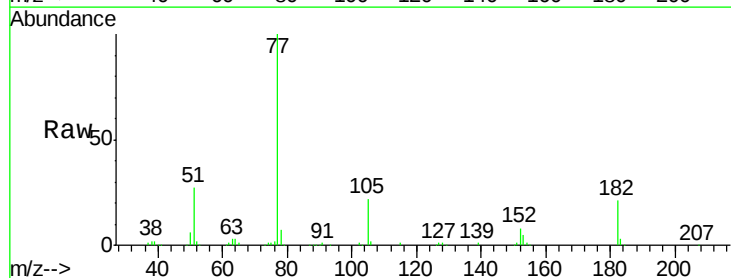
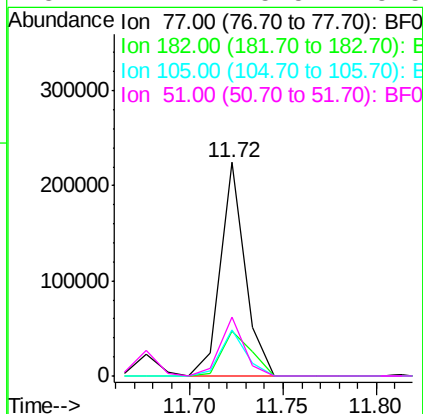
Instrument :
BNA_F
ClientSampleId :
PB82242BSD

Tgt Ion:138 Resp: 52971
Ion Ratio Lower Upper
138 100
92 54.0 16.7 56.7
108 72.4 37.6 77.6



#62
Azobenzene
Concen: 34.43 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion: 77 Resp: 205921
Ion Ratio Lower Upper
77 100
182 21.3 6.5 46.5
105 21.9 3.8 43.8
51 27.4 5.5 45.5

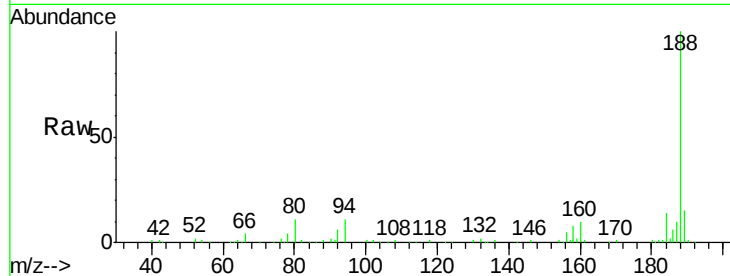




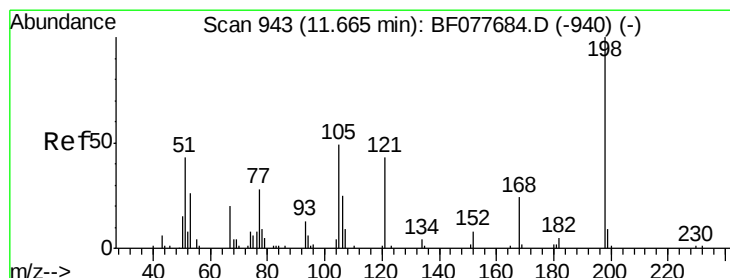
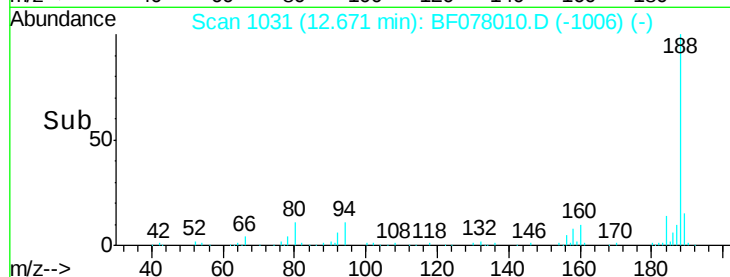
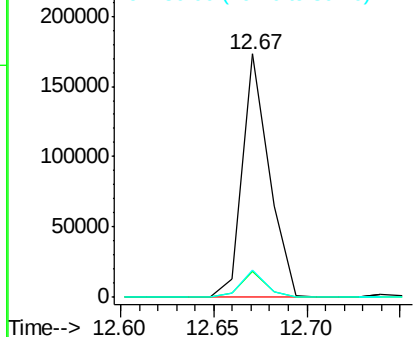
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Instrument :
BNA_F
ClientSampleId :
PB82242BSD

Tgt Ion:188 Resp: 173301
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 11.4 9.3 13.9

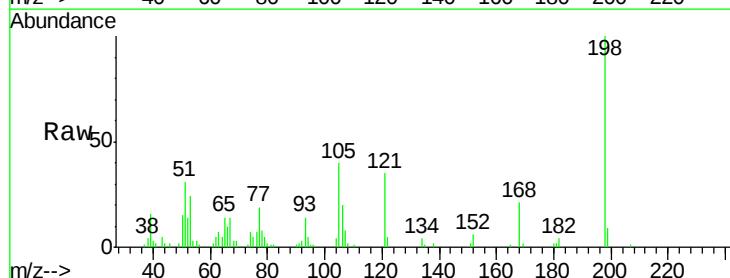


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

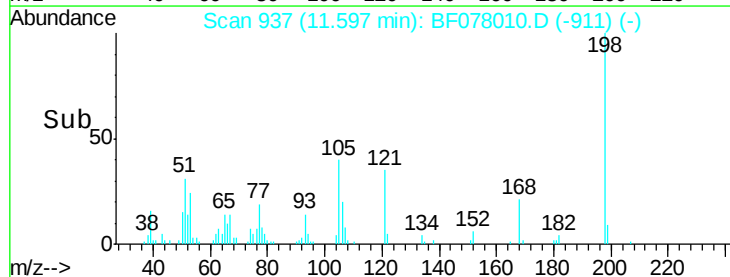
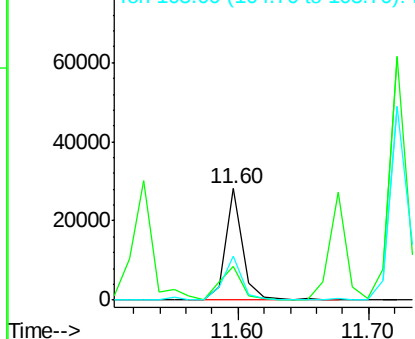


#64
4,6-Dinitro-2-methylphenol
Concen: 32.54 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion:198 Resp: 25383
Ion Ratio Lower Upper
198 100
51 30.7 28.8 68.8
105 39.6 30.5 70.5



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

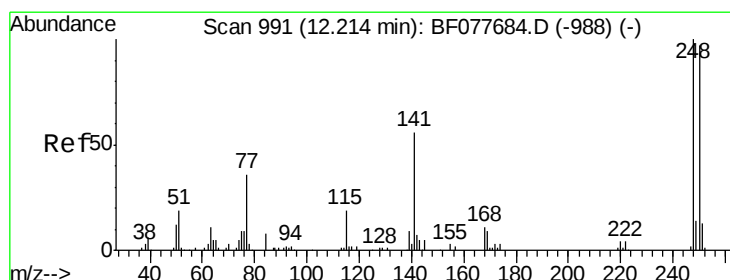
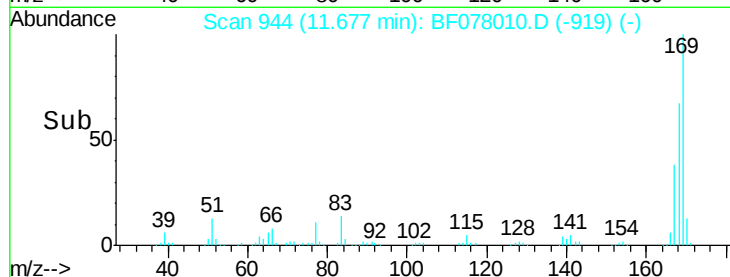
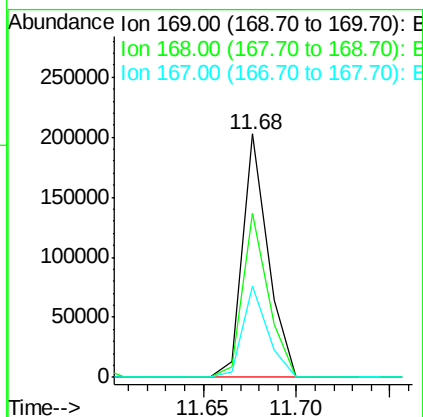
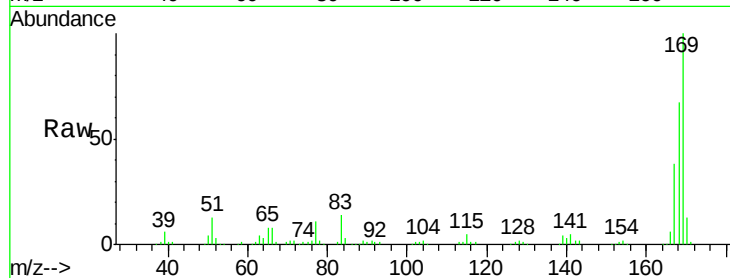




#65
 n-Nitrosodiphenylamine
 Concen: 33.43 ng
 RT: 11.68 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

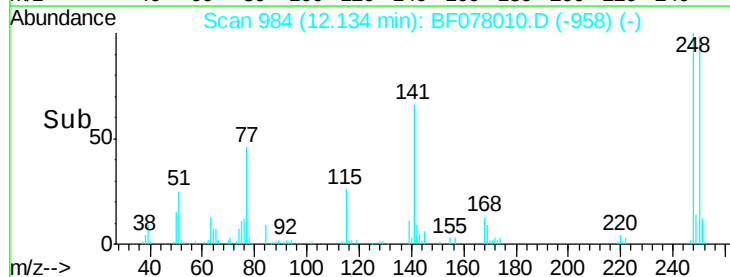
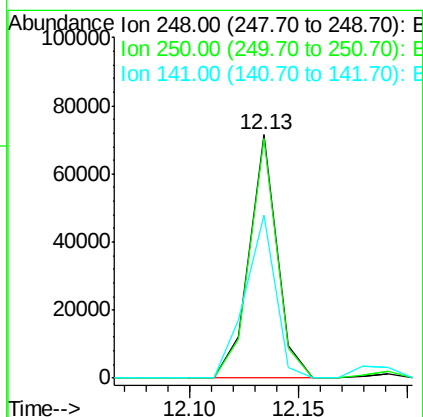
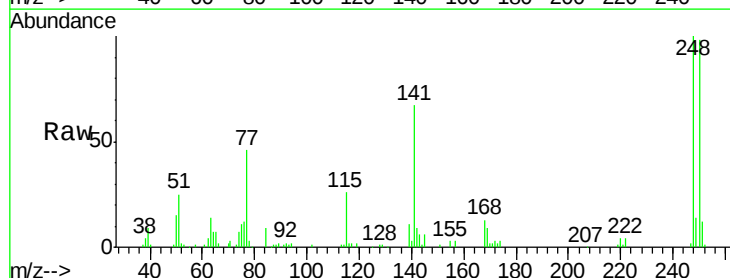
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

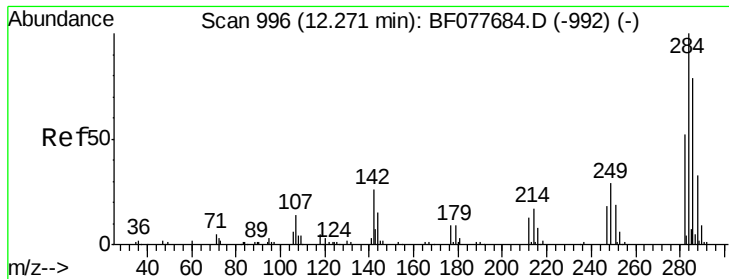
Tgt Ion:169 Resp: 192899
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.9 80.9
 167 37.6 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 34.56 ng
 RT: 12.13 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:248 Resp: 63910
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.4 116.0
 141 66.9 45.2 67.8

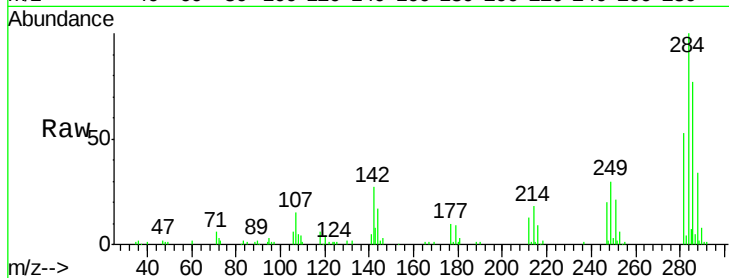




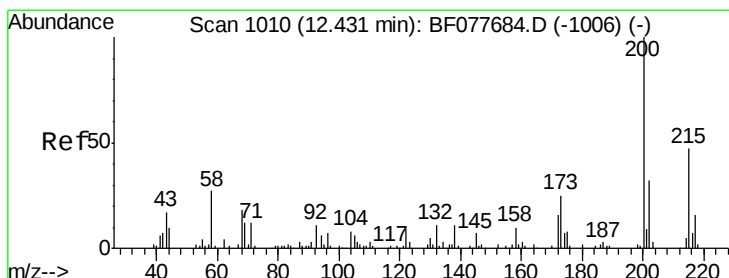
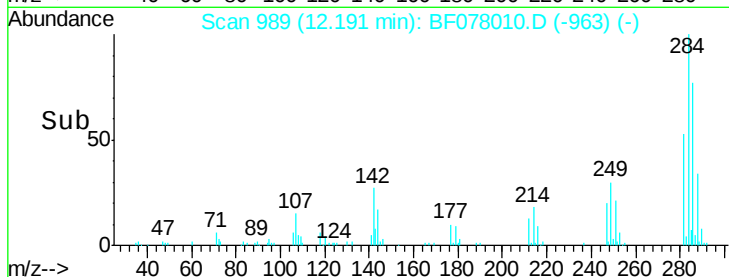
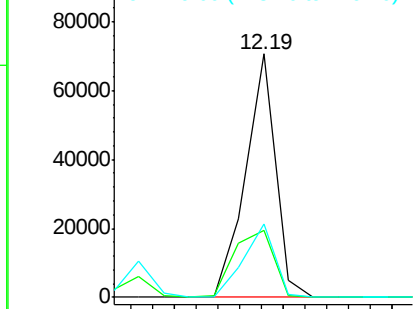
#67
Hexachlorobenzene
Concen: 33.24 ng
RT: 12.19 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Instrument :
BNA_F
ClientSampleId :
PB82242BSD

Tgt Ion:284 Resp: 67550
Ion Ratio Lower Upper
284 100
142 27.5 20.4 30.6
249 30.2 23.8 35.6

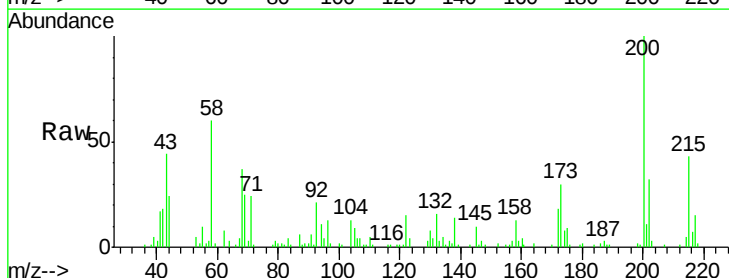


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

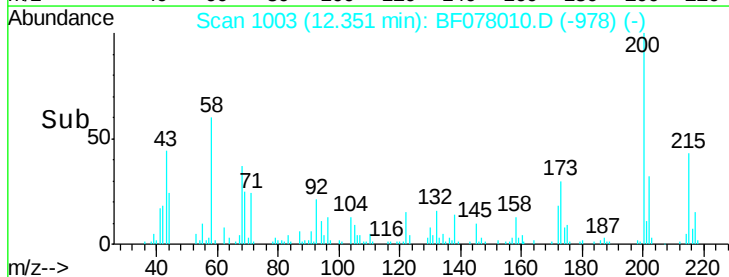
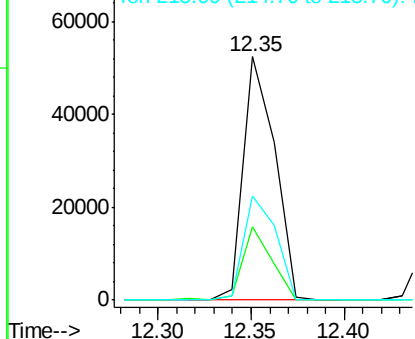


#68
Atrazine
Concen: 37.94 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion:200 Resp: 61357
Ion Ratio Lower Upper
200 100
173 29.9 4.8 44.8
215 43.0 26.9 66.9



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

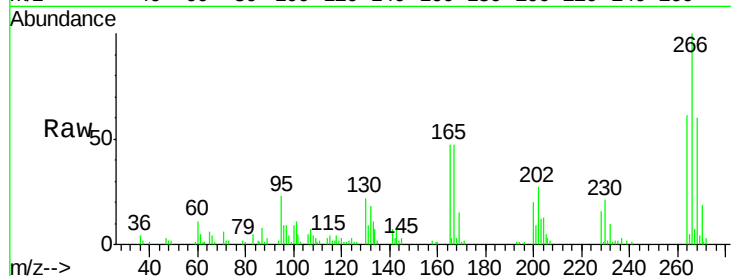




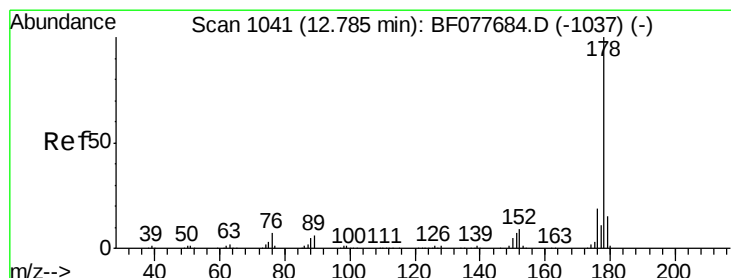
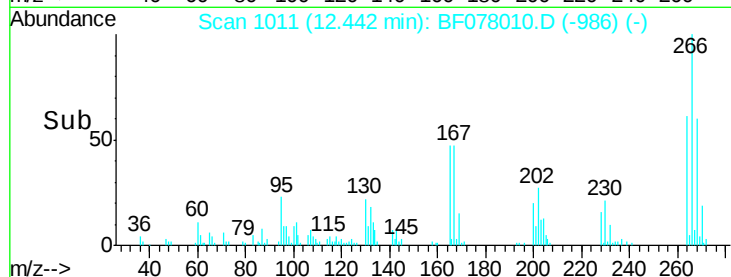
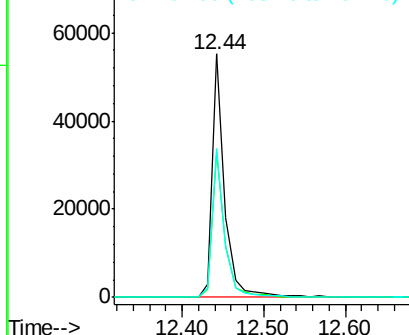
#69
 Pentachlorophenol
 Concen: 56.18 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

Tgt Ion:266 Resp: 58774
 Ion Ratio Lower Upper
 266 100
 268 59.7 52.0 78.0
 264 60.9 49.0 73.4

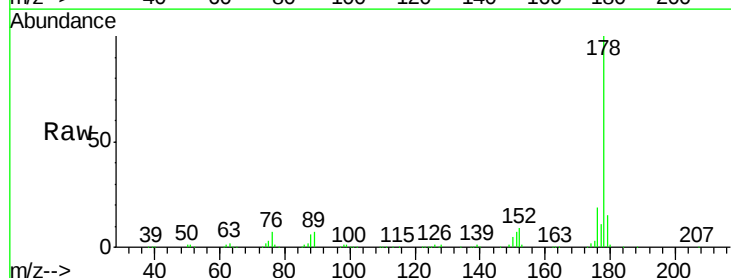


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

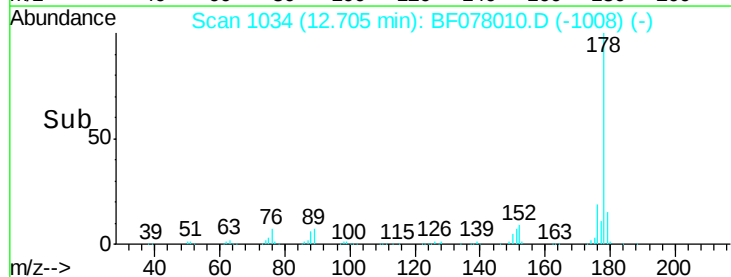
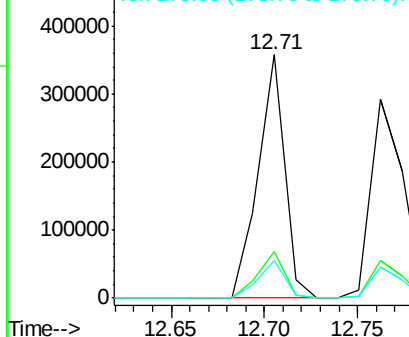


#70
 Phenanthrene
 Concen: 35.33 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:178 Resp: 351444
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.3 12.1 18.1



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

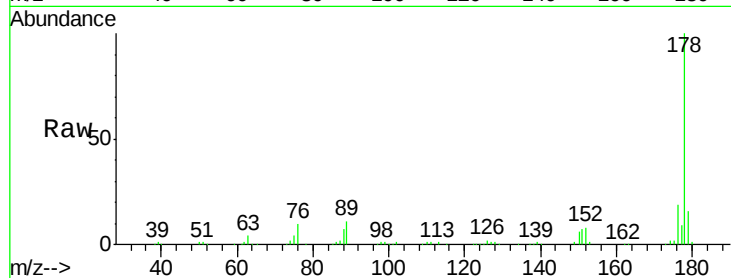




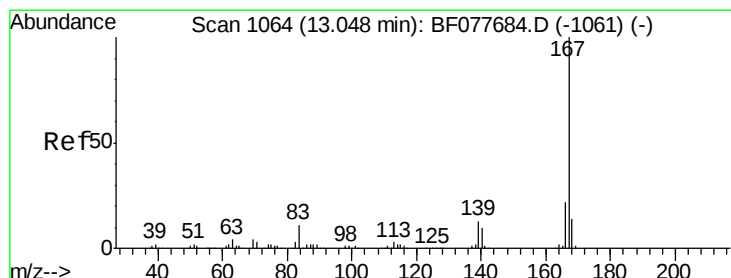
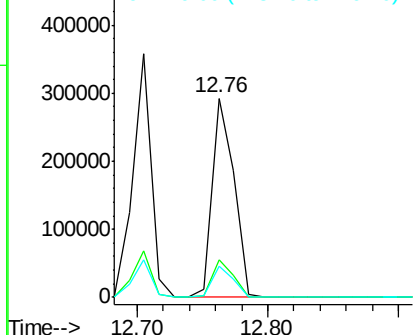
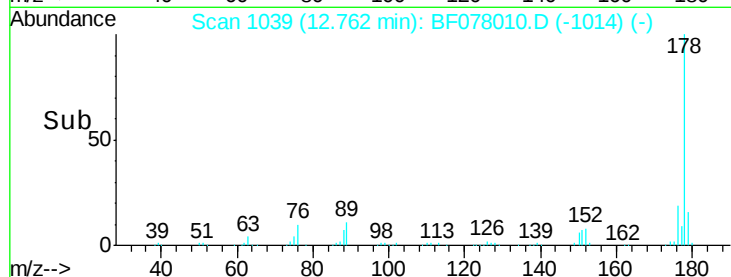
#71
 Anthracene
 Concen: 34.80 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

Tgt Ion:178 Resp: 342046
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 15.8 12.6 19.0

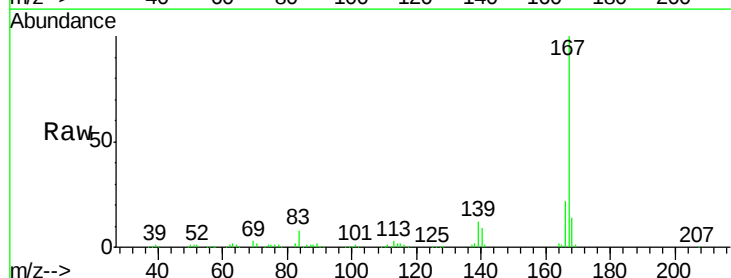


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

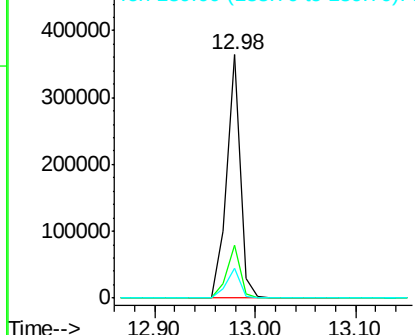
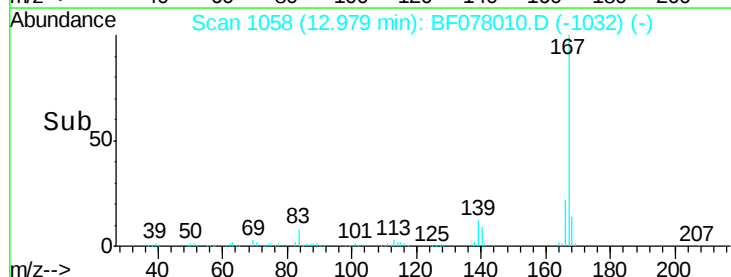


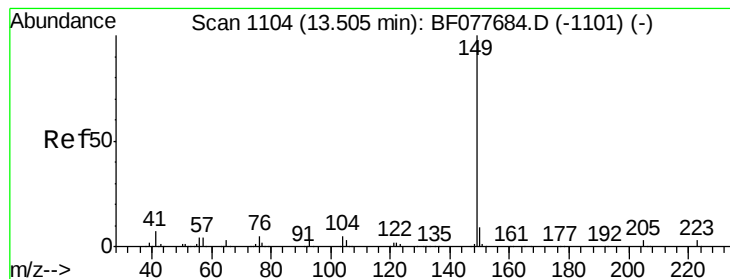
#72
 Carbazole
 Concen: 36.65 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:167 Resp: 342642
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.3 10.8 16.2



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: 35.47 ng

RT: 13.44 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

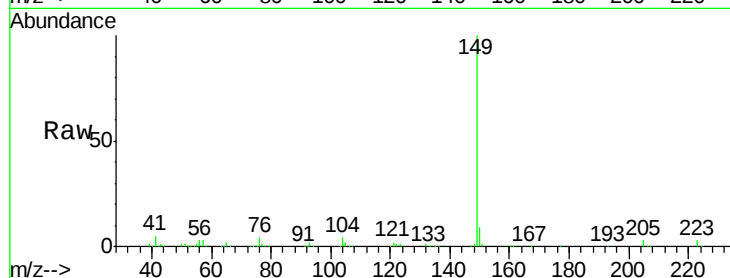
Tgt Ion:149 Resp: 371892

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

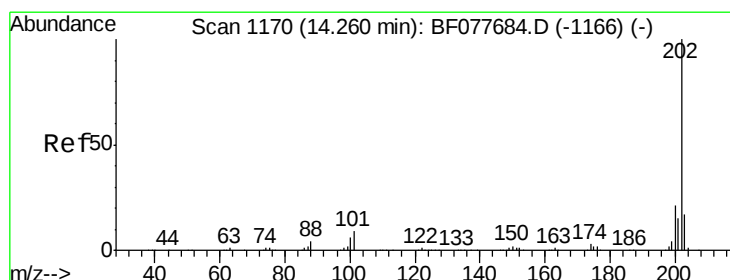
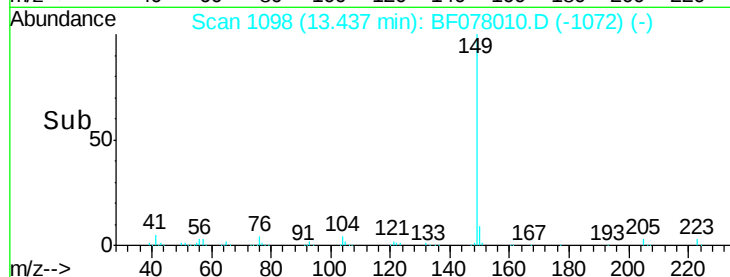
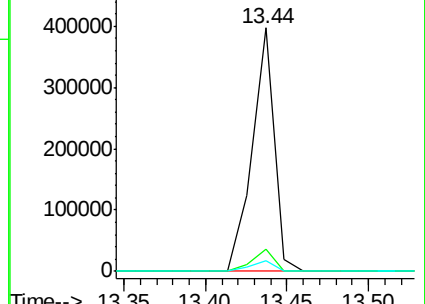
104 4.2 3.7 5.5



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: 34.77 ng

RT: 14.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

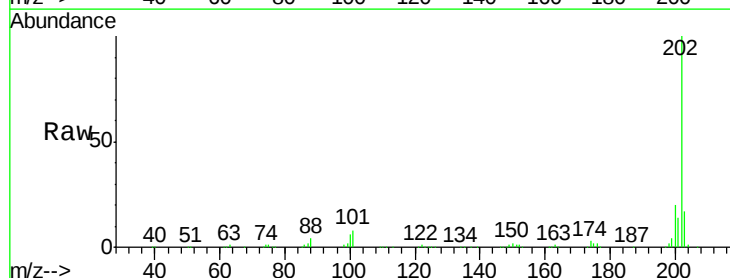
Tgt Ion:202 Resp: 381491

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.7

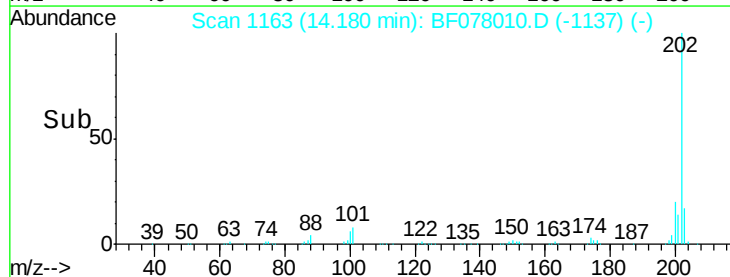
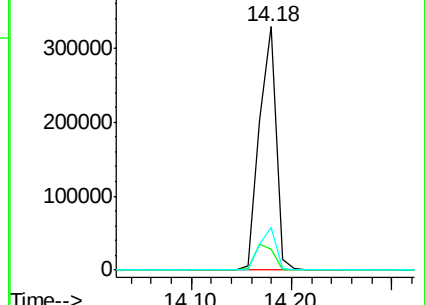
203 17.4 0.0 37.2

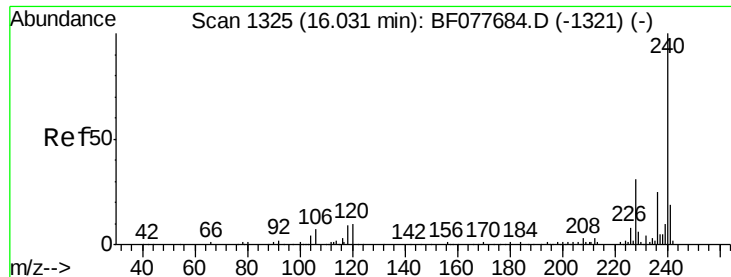


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.95 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

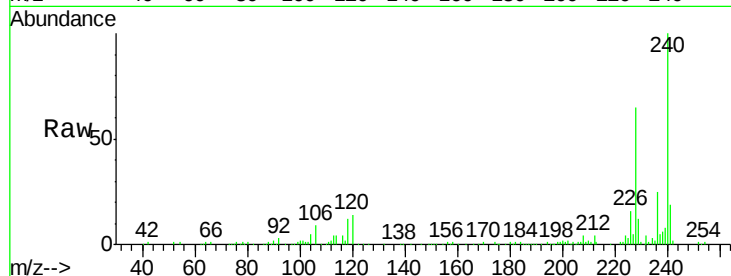
Tgt Ion:240 Resp: 191257

Ion Ratio Lower Upper

240 100

120 13.6 8.2 12.2#

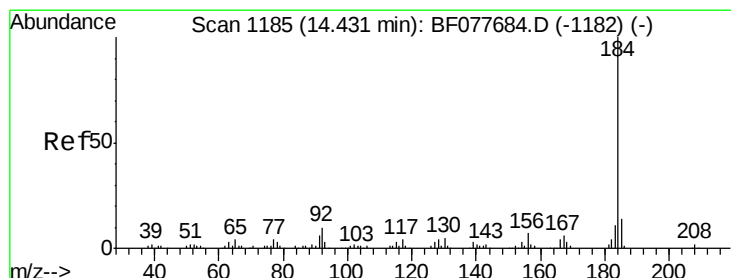
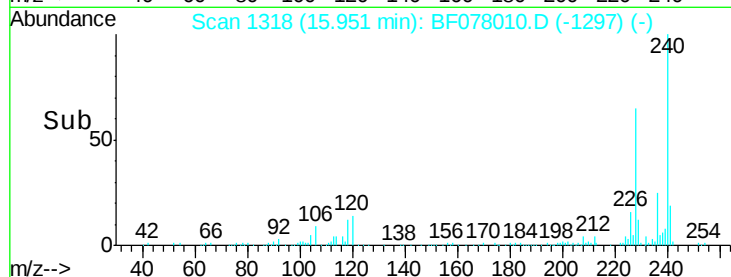
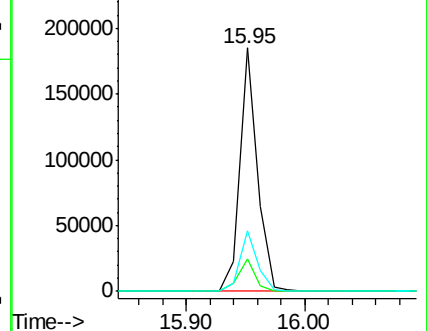
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.60 ng

RT: 14.36 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

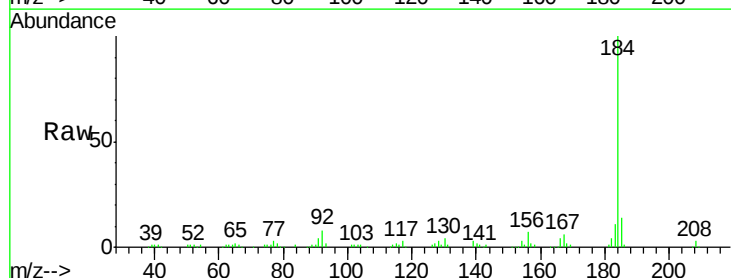
Tgt Ion:184 Resp: 121948

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

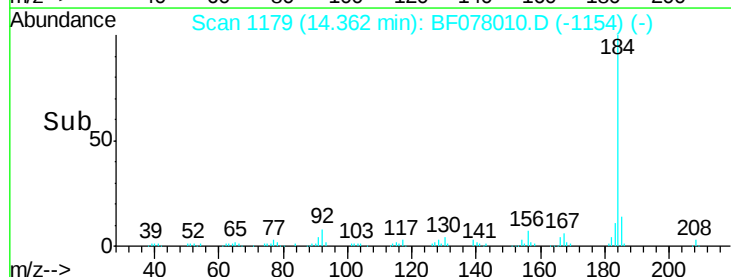
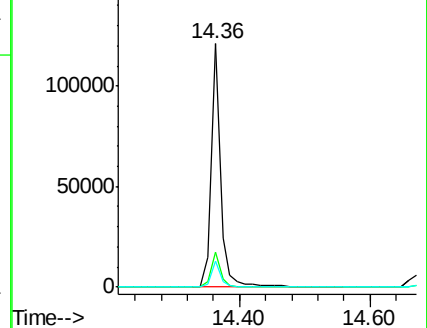
183 10.8 8.9 13.3

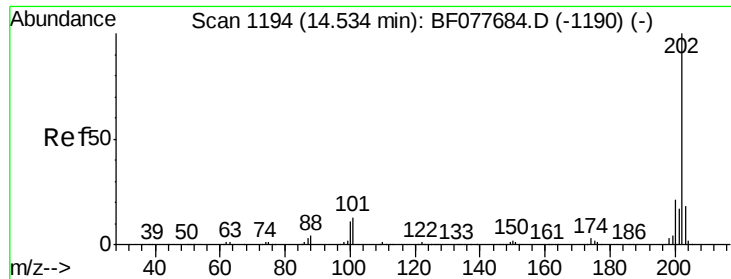


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.31 ng

RT: 14.45 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

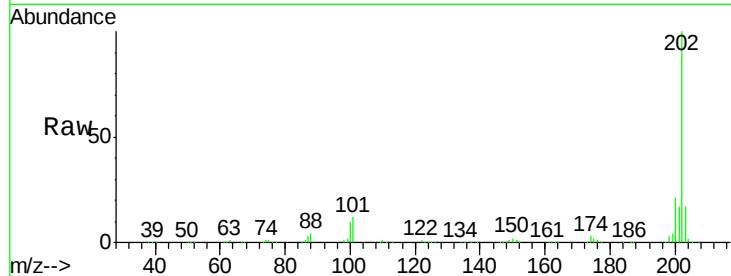
Tgt Ion:202 Resp: 412656

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

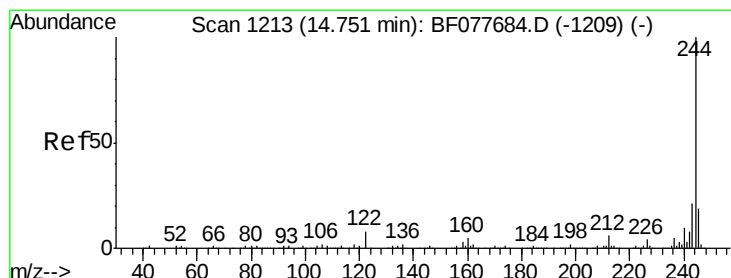
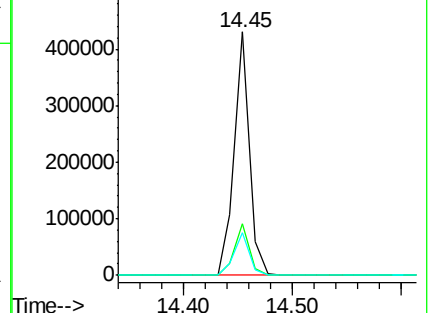
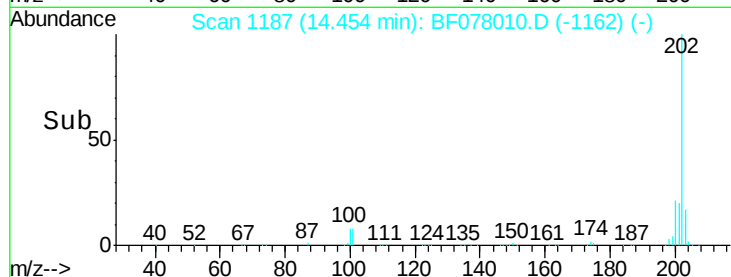
203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.10 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

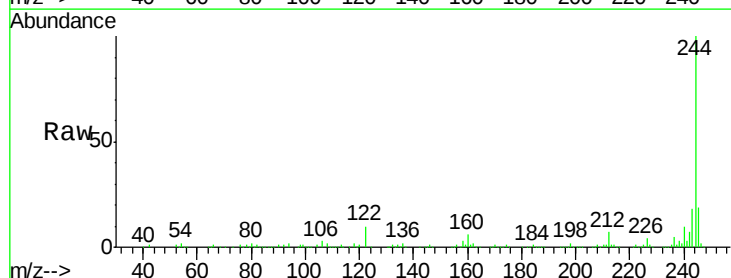
Tgt Ion:244 Resp: 525373

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

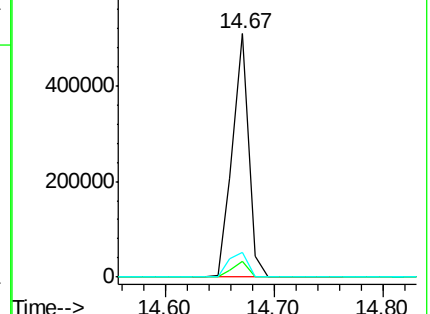
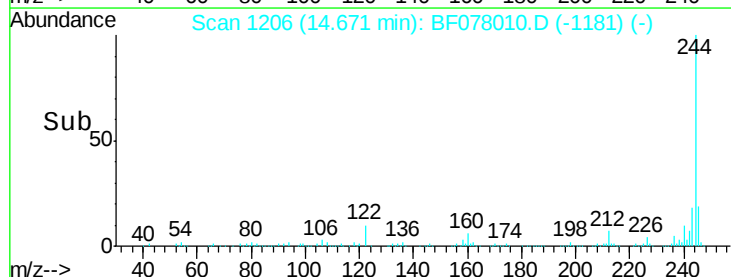
122 10.0 6.2 9.4#

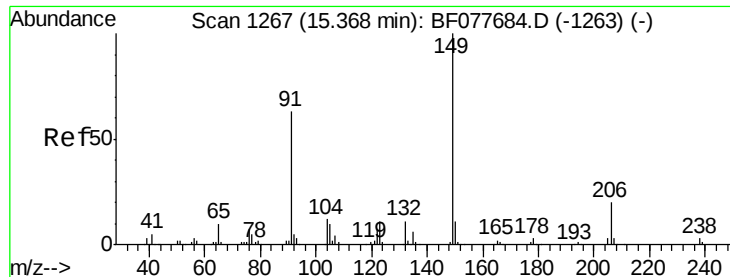


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.35 ng

RT: 15.29 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

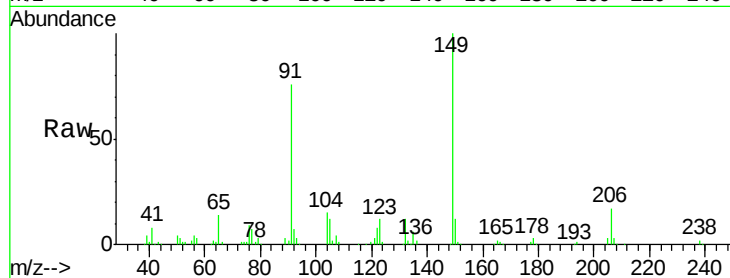
Tgt Ion:149 Resp: 158142

Ion Ratio Lower Upper

149 100

91 76.1 50.1 75.1#

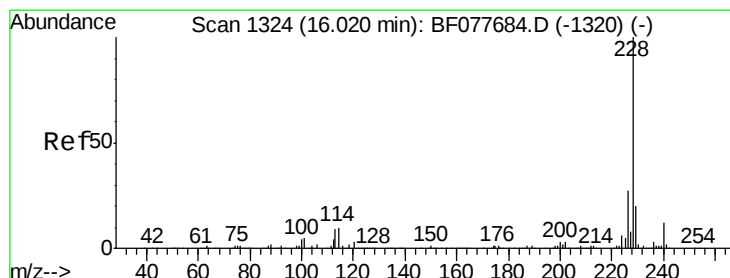
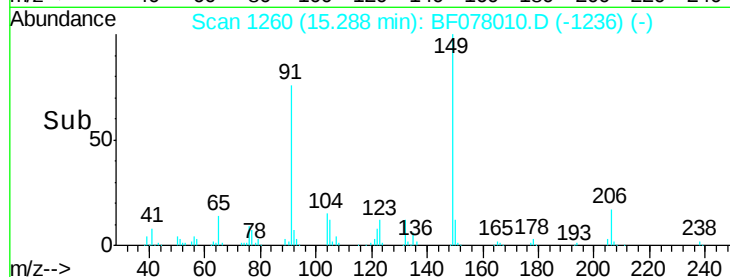
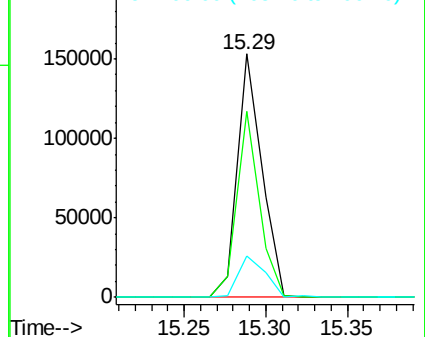
206 17.0 16.2 24.2



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: 33.14 ng

RT: 15.94 min Scan# 1317

Delta R.T. -0.06 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

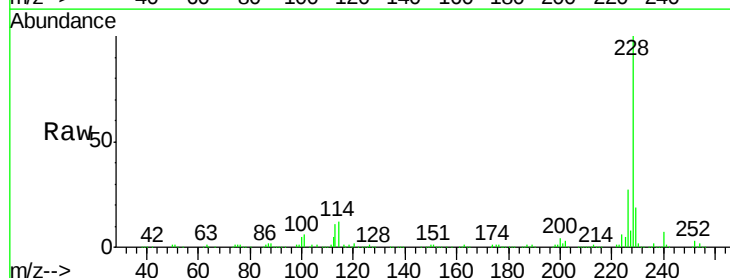
Tgt Ion:228 Resp: 375735

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

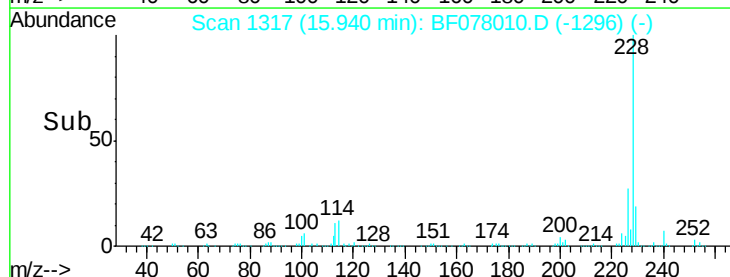
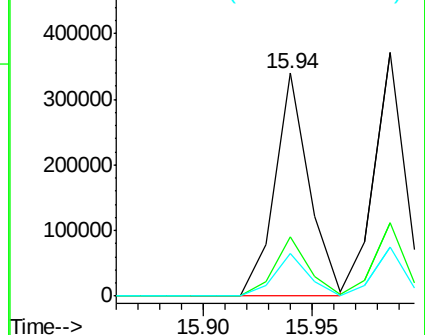
229 19.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

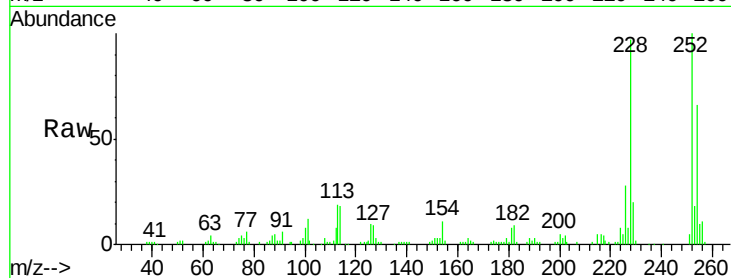




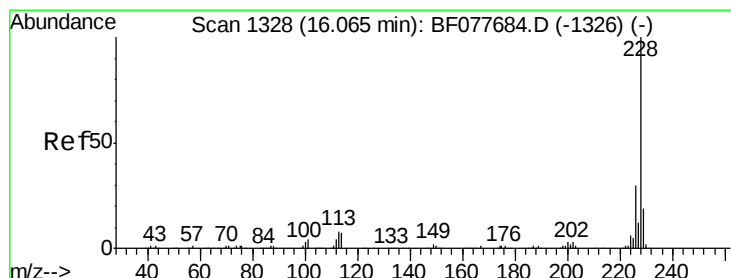
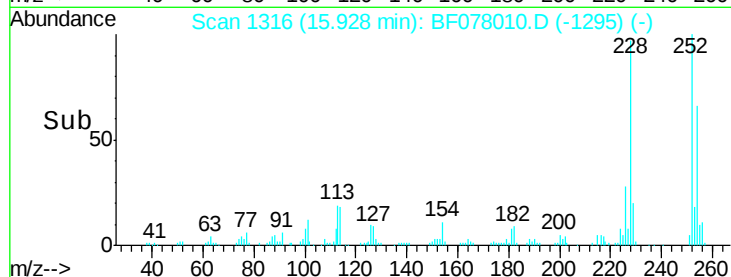
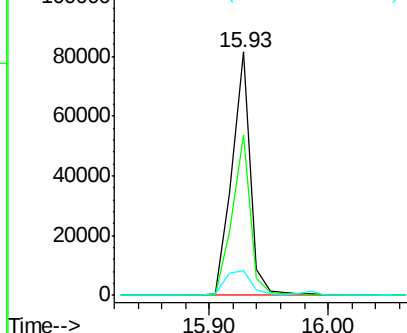
#81
 3,3'-Dichlorobenzidine
 Concen: 23.50 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

Tgt Ion: 252 Resp: 87868
 Ion Ratio Lower Upper
 252 100
 254 66.1 51.9 77.9
 126 10.0 9.8 14.8

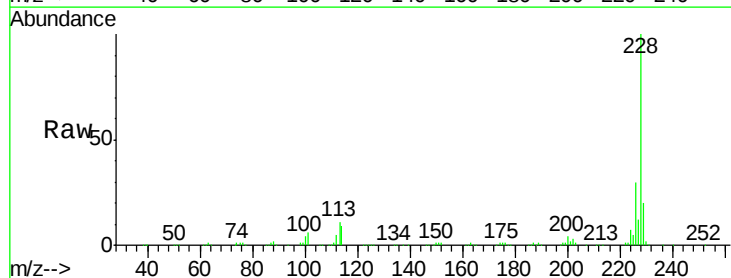


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

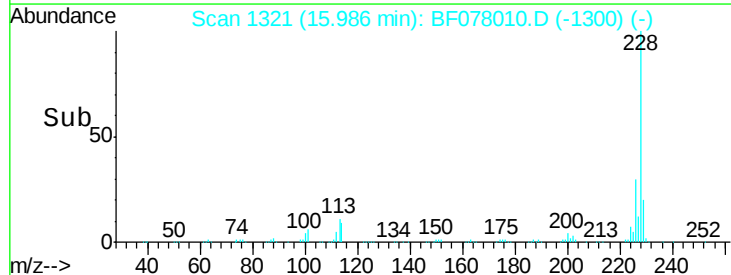
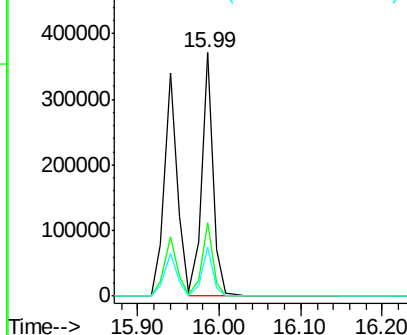


#82
 Chrysene
 Concen: 36.24 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion: 228 Resp: 369416
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 20.1 15.5 23.3



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

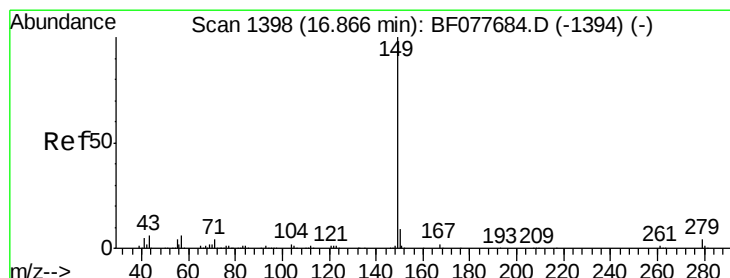
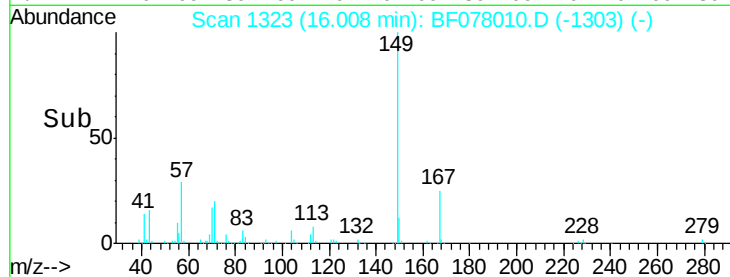
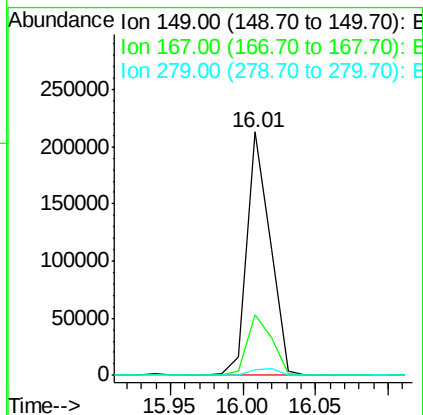
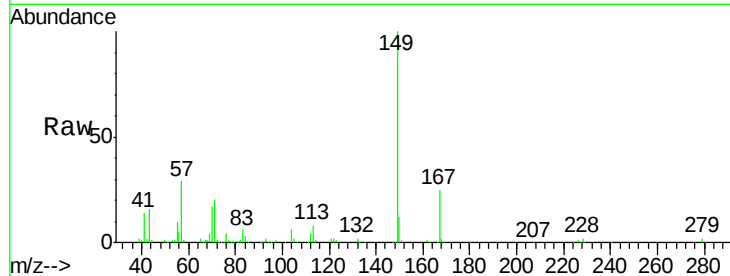




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.97 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. -0.07 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

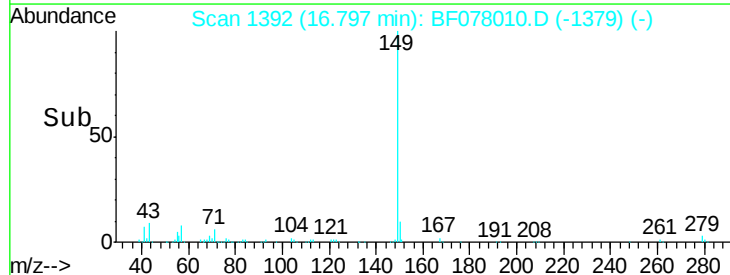
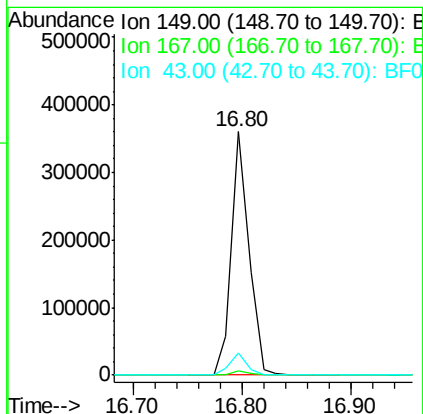
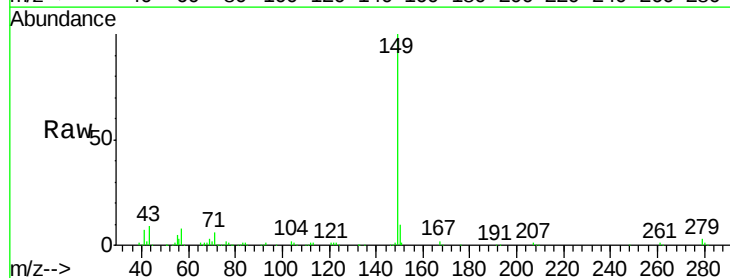
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BSD

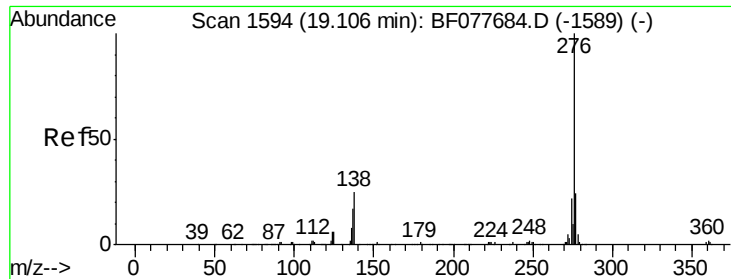
Tgt Ion:149 Resp: 236837
 Ion Ratio Lower Upper
 149 100
 167 25.1 22.4 33.6
 279 2.3 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 32.50 ng
 RT: 16.80 min Scan# 1392
 Delta R.T. -0.15 min
 Lab File: BF078010.D
 Acq: 26 Mar 2015 22:19

Tgt Ion:149 Resp: 399167
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.77 ng m

RT: 19.01 min Scan# 1586

Delta R.T. -0.30 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

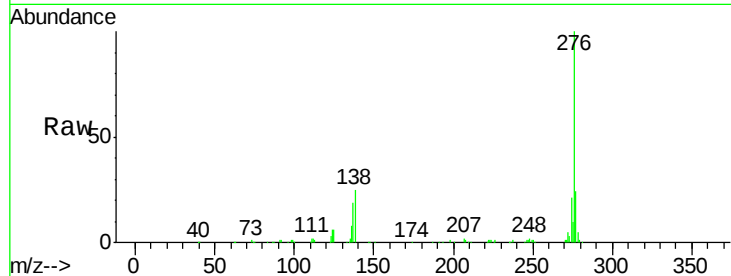
Tgt Ion:276 Resp: 391447

Ion Ratio Lower Upper

276 100

138 20.8 0.0 0.0#

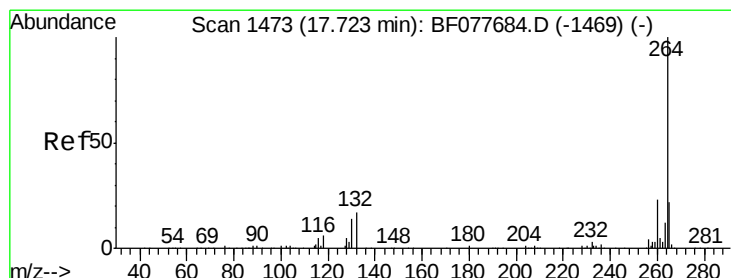
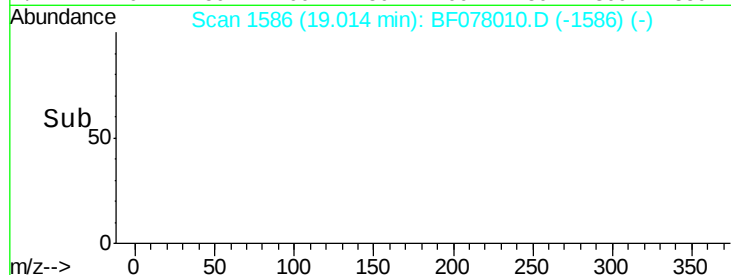
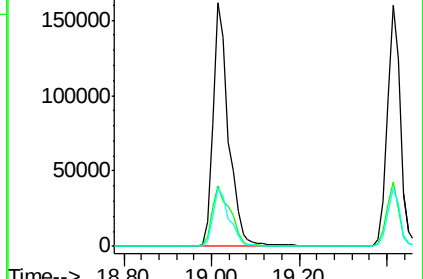
277 19.4 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.67 min Scan# 1468

Delta R.T. -0.23 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

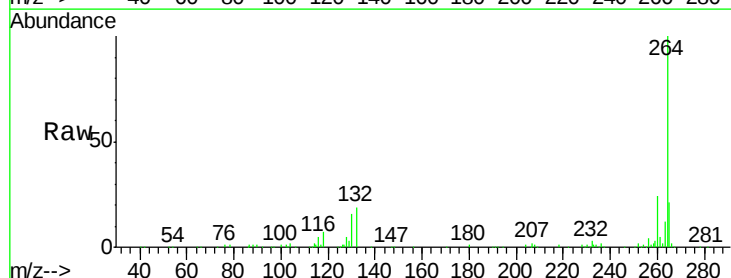
Tgt Ion:264 Resp: 179094

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

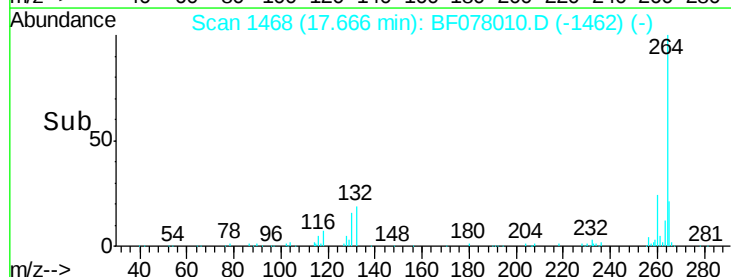
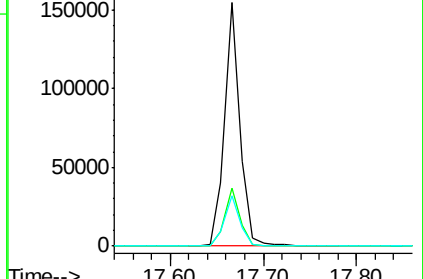
265 20.7 17.3 25.9

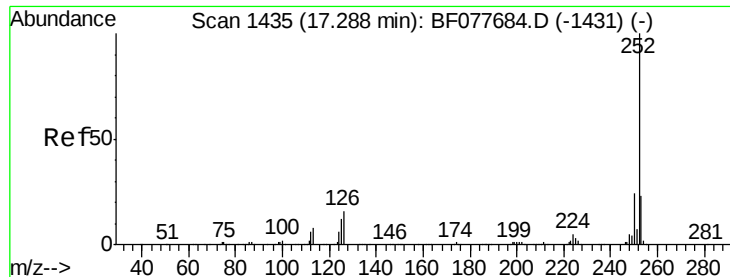


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

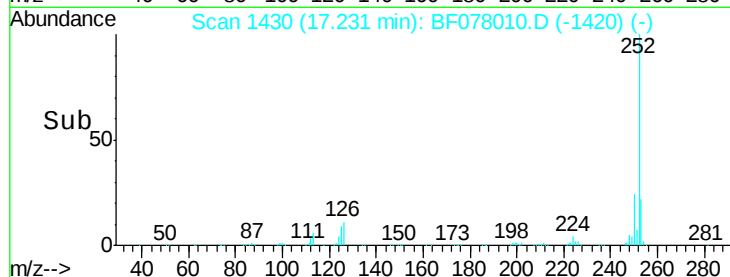
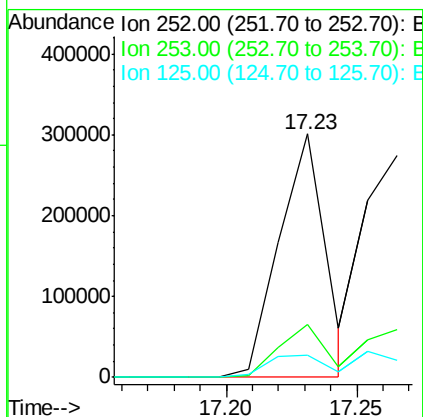
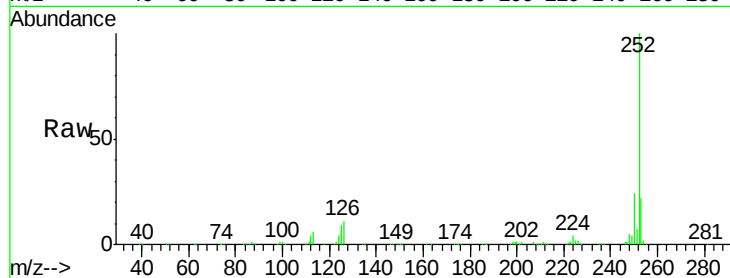




#87
Benzo(b)fluoranthene
Concen: 31.62 ng
RT: 17.23 min Scan# 1430
Delta R.T. -0.18 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

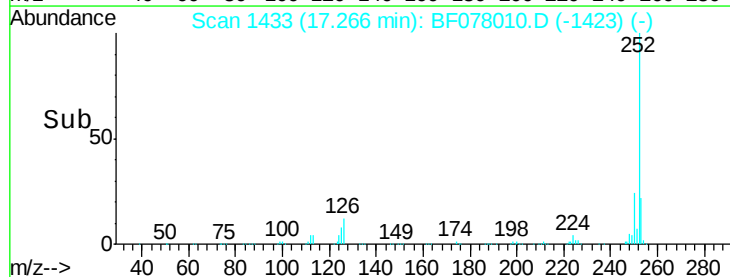
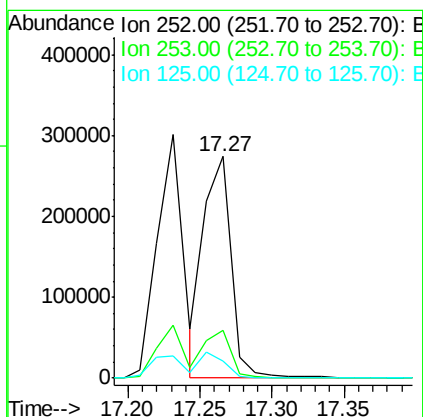
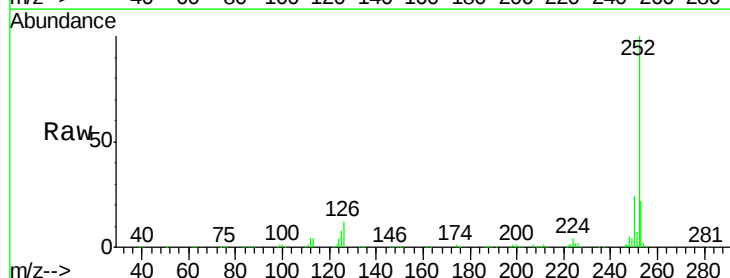
Instrument :
BNA_F
ClientSampleId :
PB82242BSD

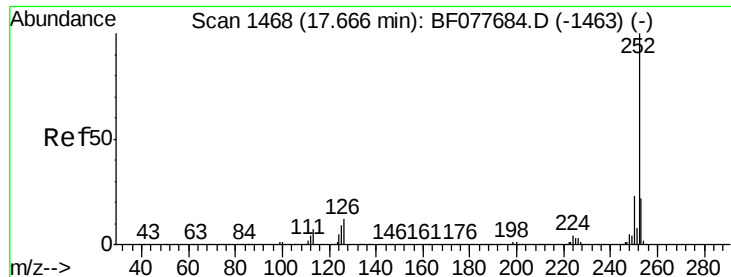
Tgt Ion:252 Resp: 369646
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.0 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 40.37 ng m
RT: 17.27 min Scan# 1433
Delta R.T. -0.18 min
Lab File: BF078010.D
Acq: 26 Mar 2015 22:19

Tgt Ion:252 Resp: 368694
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 7.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 36.92 ng

RT: 17.61 min Scan# 1463

Delta R.T. -0.22 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD

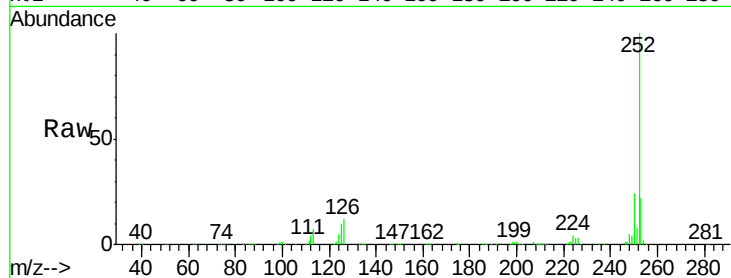
Tgt Ion:252 Resp: 360162

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

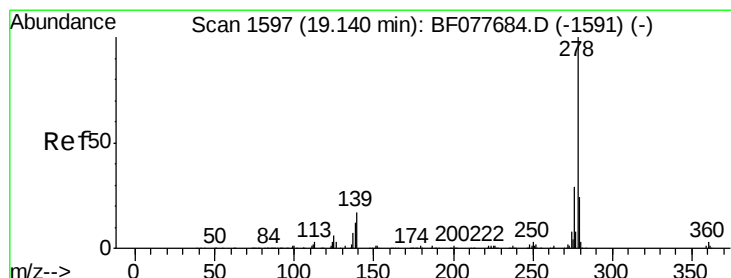
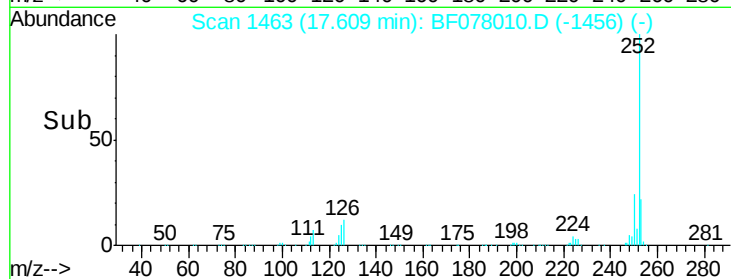
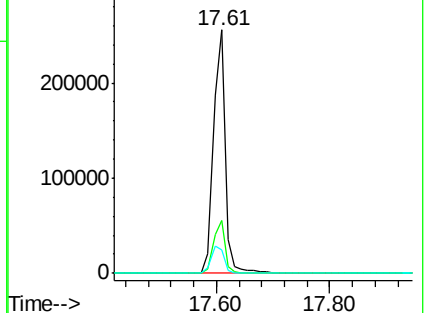
125 9.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.01 ng

RT: 19.05 min Scan# 1589

Delta R.T. -0.30 min

Lab File: BF078010.D

Acq: 26 Mar 2015 22:19

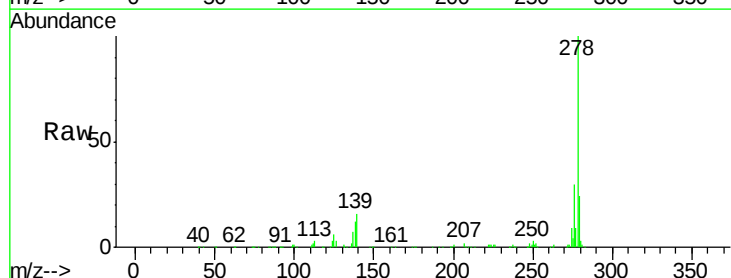
Tgt Ion:278 Resp: 329119

Ion Ratio Lower Upper

278 100

139 16.2 13.4 20.0

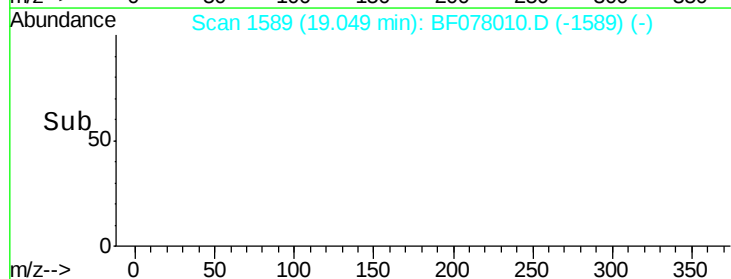
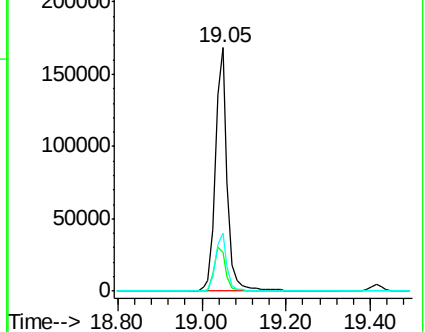
279 23.9 19.0 28.4

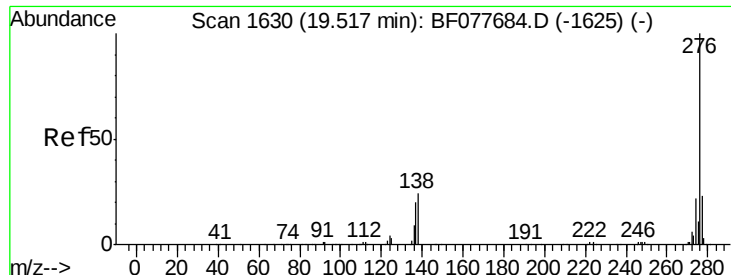


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.78 ng

RT: 19.41 min Scan# 1621

Delta R.T. -0.30 min

Lab File: BF078010.D

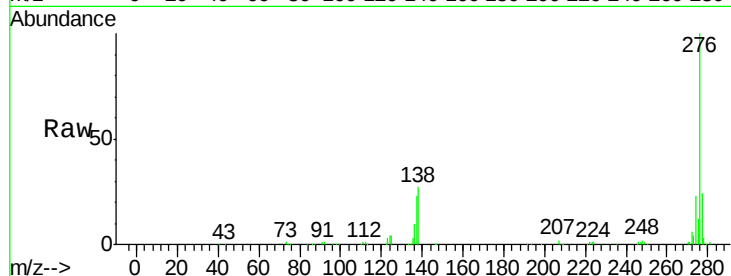
Acq: 26 Mar 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB82242BSD



Tgt Ion:	276	Resp:	332720
Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	26.6	19.0	28.6

