

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077277.D
 Acq On : 12 Feb 2015 8:26
 Operator : TP/IZ
 Sample : G1254-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Quant Time: Feb 12 11:36:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	43193	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	187780	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	104327	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	168200	20.00	ng	-0.03
75) Chrysene-d12	20.98	240	151730	20.00	ng	-0.03
86) Perylene-d12	22.65	264	136156	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	223924	85.24	ng	-0.05
7) Phenol-d6	6.97	99	276332	83.38	ng	-0.05
23) Nitrobenzene-d5	8.85	82	177528	52.38	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	64524	76.19	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	377647	55.09	ng	-0.05
78) Terphenyl-d14	19.72	244	357468	54.24	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.05	88	19106	16.99	ng	99
3) Pyridine	1.47	79	55872	19.20	ng	98
4) n-Nitrosodimethylamine	1.44	42	31076	21.55	ng	95
6) Aniline	6.83	93	52287	11.40	ng	98
8) 2-Chlorophenol	7.07	128	79985	26.41	ng	96
10) Phenol	7.00	94	84018	23.87	ng	95
11) bis(2-Chloroethyl)ether	7.09	93	71636	26.02	ng	# 76
12) 1,3-Dichlorobenzene	7.38	146	84927	24.65	ng	99
13) 1,4-Dichlorobenzene	7.57	146	84017	22.99	ng	99
14) 1,2-Dichlorobenzene	7.89	146	83107	24.69	ng	98
15) Benzyl Alcohol	8.00	79	69541	25.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	98300	26.56	ng	74
17) 2-Methylphenol	8.36	107	57941	23.41	ng	97
18) Hexachloroethane	8.64	117	33606	26.44	ng	97
19) n-Nitroso-di-n-propylamine	8.64	70	59733	25.75	ng	98
20) 3+4-Methylphenols	8.75	107	56410	17.21	ng	98
22) Acetophenone	8.54	105	120832	26.27	ng	97
24) Nitrobenzene	8.90	77	83858	24.29	ng	98
25) Isophorone	9.50	82	157631	25.54	ng	97
26) 2-Nitrophenol	9.64	139	39943	23.52	ng	# 88
27) 2,4-Dimethylphenol	9.94	122	71828	26.90	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	99115	28.25	ng	97
29) 2,4-Dichlorophenol	10.26	162	61812	24.84	ng	94
30) 1,2,4-Trichlorobenzene	10.37	180	70693	25.58	ng	96
31) Naphthalene	10.50	128	232691	24.07	ng	99
32) Benzoic acid	10.36	122	9532	6.44	ng	85
33) 4-Chloroaniline	10.77	127	43583	11.16	ng	96
34) Hexachlorobutadiene	10.87	225	40961	24.98	ng	94
35) Caprolactam	11.63	113	14447	19.72	ng	# 86
36) 4-Chloro-3-methylphenol	12.09	107	66328	23.28	ng	98
37) 2-Methylnaphthalene	12.16	142	170510	25.83	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	65282	25.31	ng	99
40) Hexachlorocyclopentadiene	12.55	237	54875	41.84	ng	97
42) 2,4,6-Trichlorophenol	12.92	196	44796	23.84	ng	93

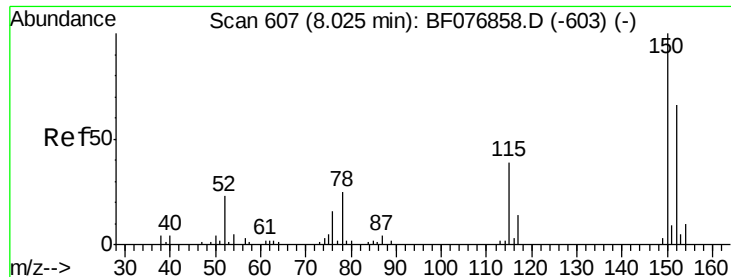
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	39457	20.59	ng	# 86
45) 1,1'-Biphenyl	13.31	154	201765	26.09	ng	99
46) 2-Chloronaphthalene	13.28	162	159823	25.11	ng	98
47) 2-Nitroaniline	13.64	65	49918	25.85	ng	92
48) Acenaphthylene	14.23	152	253612	23.62	ng	99
49) Dimethylphthalate	14.20	163	199147	26.92	ng	99
50) 2,6-Dinitrotoluene	14.29	165	39136	26.48	ng	96
51) Acenaphthene	14.65	154	143703	23.59	ng	95
52) 3-Nitroaniline	14.64	138	27615	15.58	ng	87
53) 2,4-Dinitrophenol	14.93	184	19377	35.58	ng	87
54) Dibenzofuran	15.07	168	220358	24.84	ng	98
55) 4-Nitrophenol	15.28	139	36044	31.08	ng	94
56) 2,4-Dinitrotoluene	15.23	165	54565	25.65	ng	95
57) Fluorene	15.85	166	187720	24.97	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	30022	21.51	ng	96
59) Diethylphthalate	15.87	149	206104	27.56	ng	100
60) 4-Chlorophenyl-phenylether	15.95	204	79973	26.00	ng	96
61) 4-Nitroaniline	16.02	138	32746	18.48	ng	88
62) Azobenzene	16.25	77	207730	26.66	ng	96
64) 4,6-Dinitro-2-methylphenol	16.10	198	19505	20.11	ng	# 68
65) n-Nitrosodiphenylamine	16.21	169	155494	25.93	ng	97
66) 4-Bromophenyl-phenylether	16.83	248	47248	27.73	ng	96
67) Hexachlorobenzene	16.84	284	45732	25.47	ng	# 87
68) Atrazine	17.23	200	50300	27.64	ng	97
69) Pentachlorophenol	17.23	266	26828	36.67	ng	91
70) Phenanthrene	17.51	178	261388	24.92	ng	99
71) Anthracene	17.59	178	262598	25.67	ng	99
72) Carbazole	17.88	167	242575	24.45	ng	100
73) Di-n-butylphthalate	18.49	149	335496	29.22	ng	99
74) Fluoranthene	19.16	202	253263	23.56	ng	99
76) Benzidine	19.41	184	100766	20.75	ng	100
77) Pyrene	19.45	202	264195	25.41	ng	99
79) Butylbenzylphthalate	20.40	149	139772	29.68	ng	98
80) Benzo(a)anthracene	20.97	228	236222	24.81	ng	100
81) 3,3'-Dichlorobenzidine	20.99	252	63991	21.15	ng	96
82) Chrysene	21.01	228	222019	25.57	ng	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	208321	31.97	ng	98
84) Di-n-octyl phthalate	21.91	149	372675	32.95	ng	98
87) Benzo(b)fluoranthene	22.24	252	234018	25.52	ng	# 94
88) Benzo(k)fluoranthene	22.24	252	234018	29.21	ng	97
89) Benzo(a)pyrene	22.59	252	212094	26.22	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.06 min

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ClientSampleId :

UB9BMSD

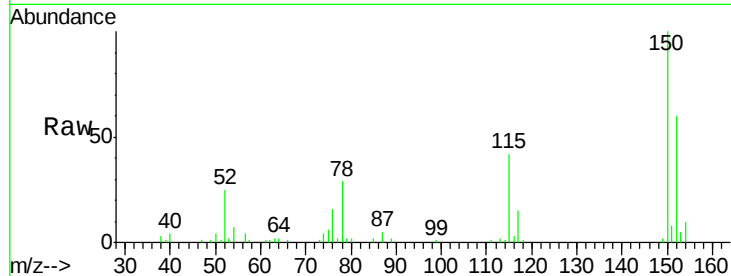
Tgt Ion:152 Resp: 43193

Ion Ratio Lower Upper

152 100

150 165.7 121.7 182.5

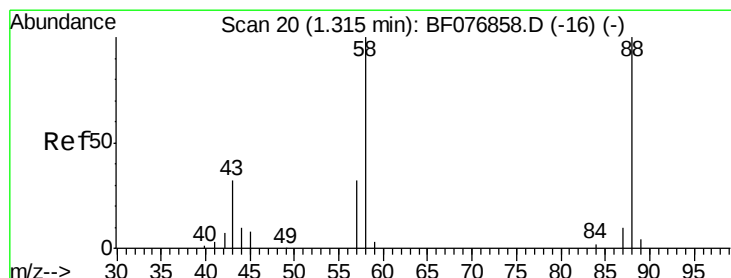
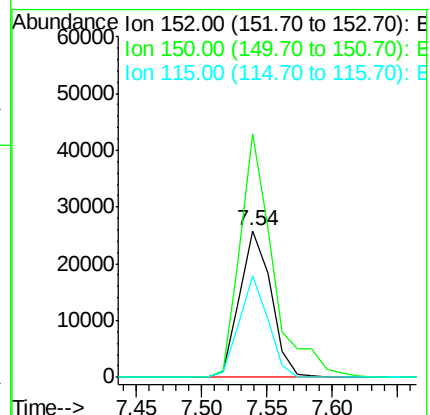
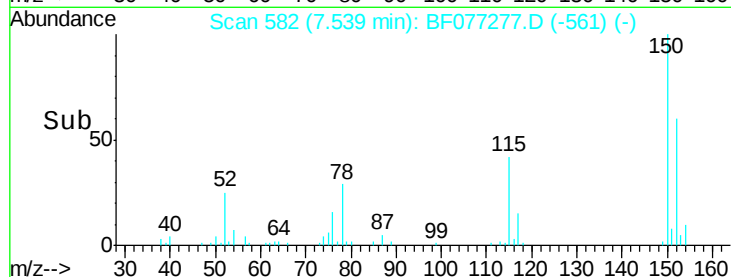
115 68.9 47.0 70.6



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: 16.99 ng

RT: 1.05 min Scan# 14

Delta R.T. 0.00 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

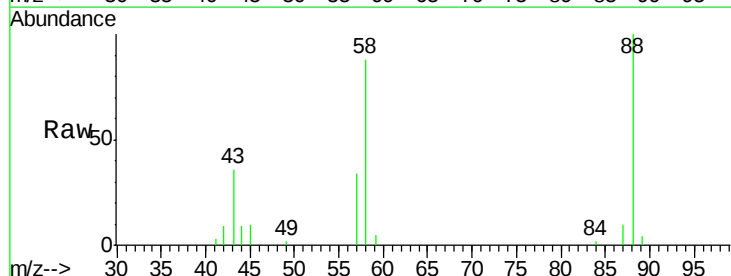
Tgt Ion: 88 Resp: 19106

Ion Ratio Lower Upper

88 100

58 97.0 77.0 115.4

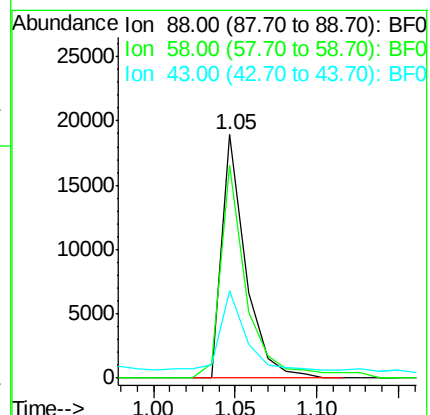
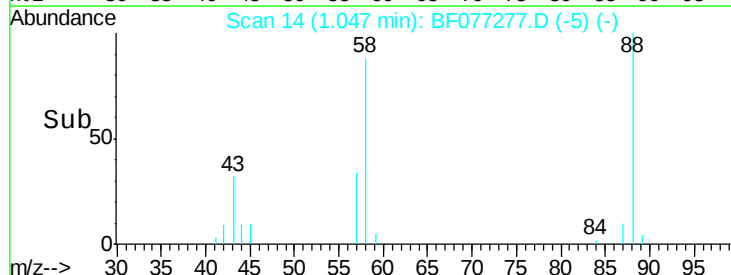
43 33.5 25.6 38.4

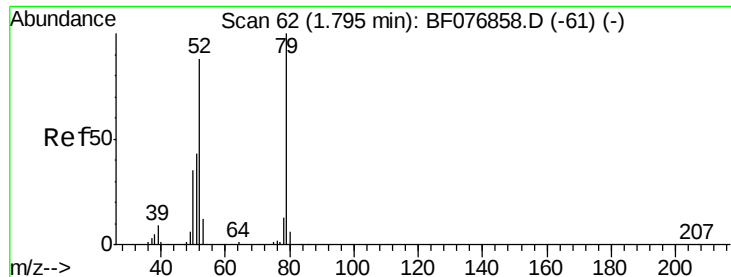


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.20 ng

RT: 1.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

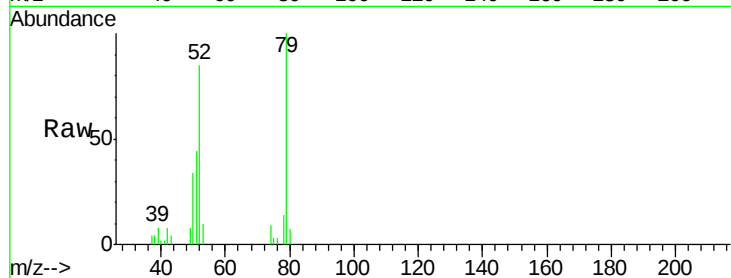
Tgt Ion: 79 Resp: 55872

Ion Ratio Lower Upper

79 100

52 85.2 70.1 105.1

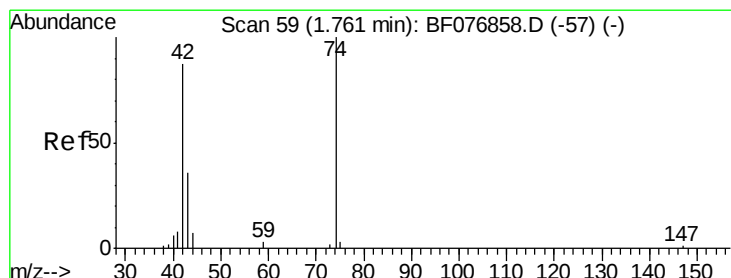
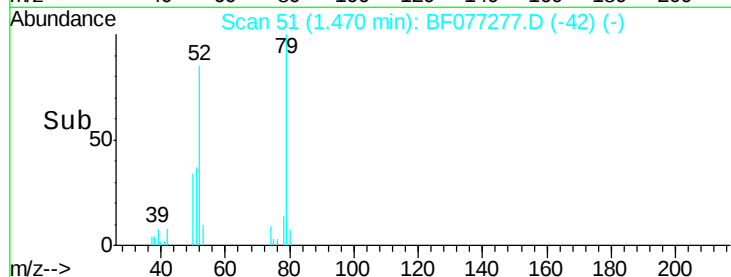
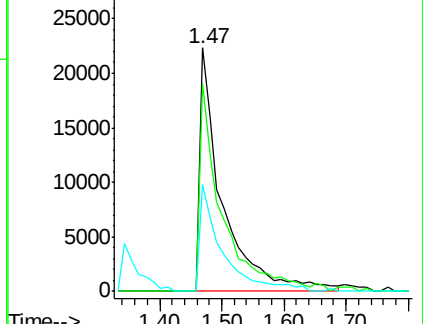
51 43.9 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 21.55 ng

RT: 1.44 min Scan# 48

Delta R.T. 0.00 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

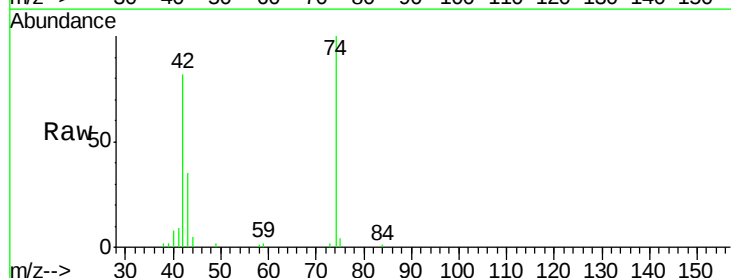
Tgt Ion: 42 Resp: 31076

Ion Ratio Lower Upper

42 100

74 121.6 92.4 138.6

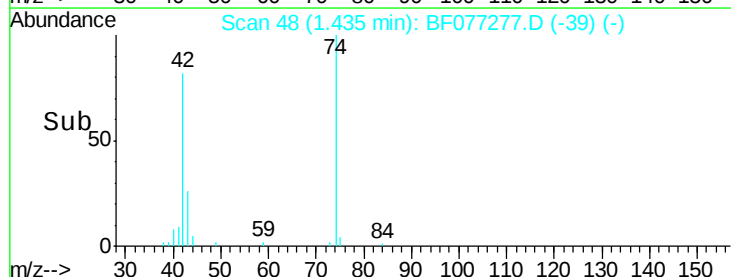
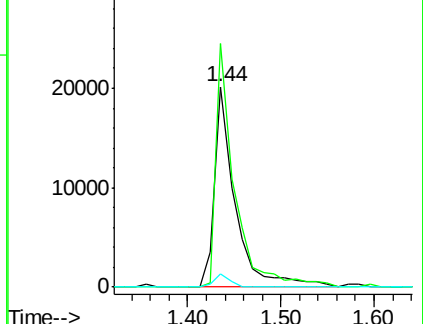
44 6.6 6.2 9.2

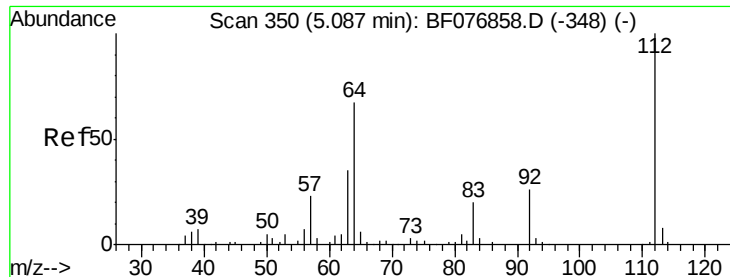


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 85.24 ng

RT: 4.54 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

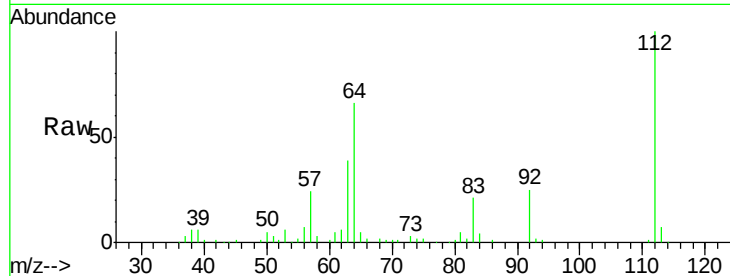
Instrument :

BNA_F

ClientSampleId :

UB9BMSD

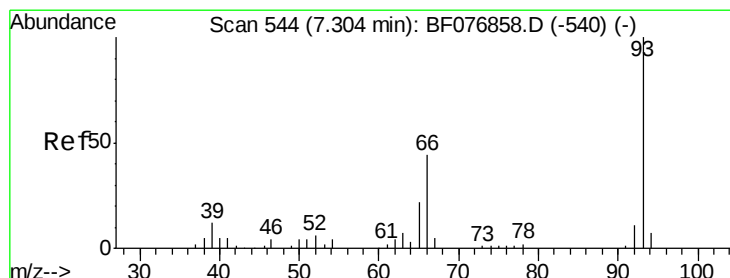
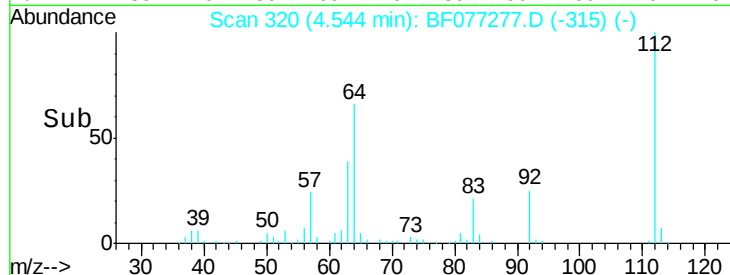
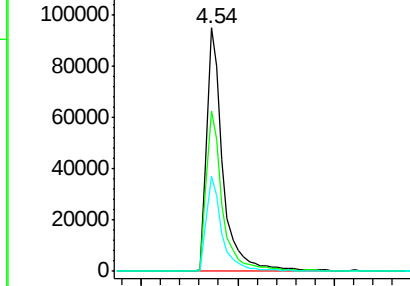
Tgt Ion:	112	Resp:	223924
Ion	Ratio	Lower	Upper
112	100		
64	66.0	54.2	81.4
63	39.0	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.40 ng

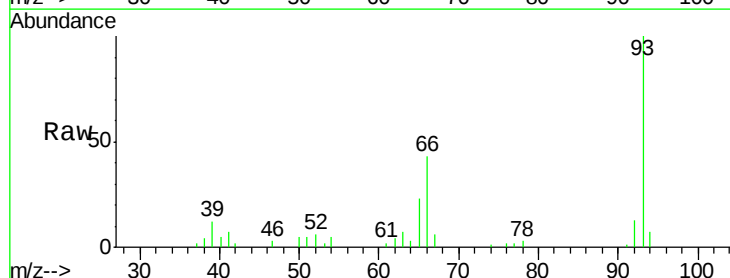
RT: 6.83 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

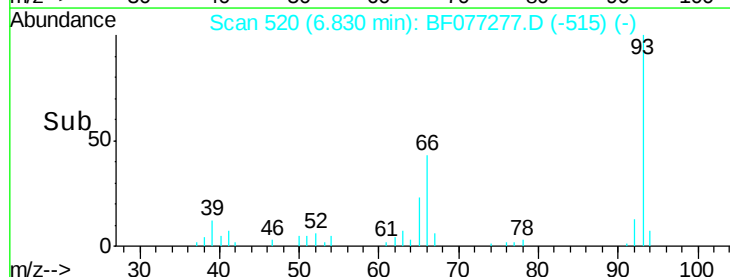
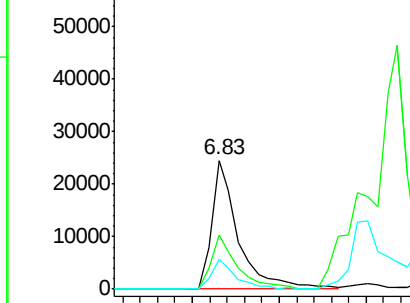
Tgt Ion:	93	Resp:	52287
Ion	Ratio	Lower	Upper
93	100		
66	42.5	35.0	52.4
65	23.1	17.7	26.5

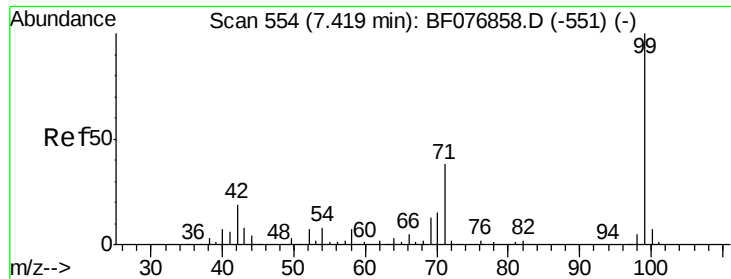


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.38 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

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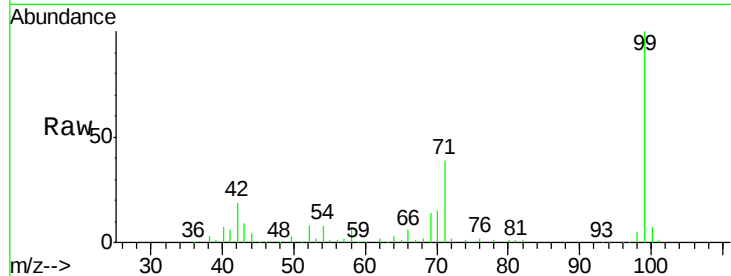
Tgt Ion: 99 Resp: 276332

Ion Ratio Lower Upper

99 100

42 19.3 15.0 22.4

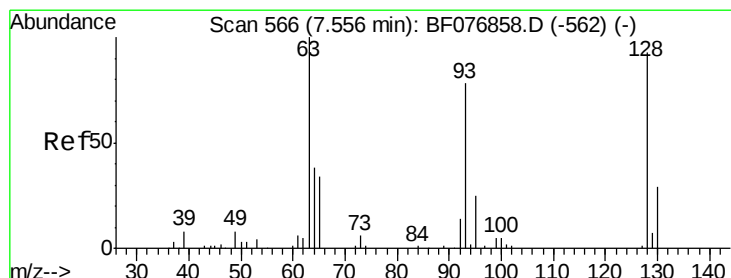
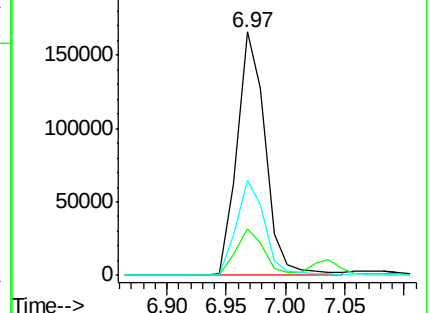
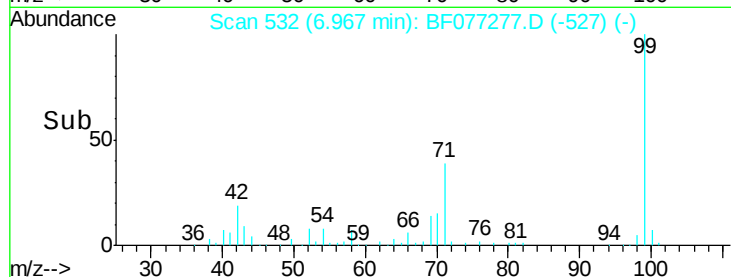
71 39.2 30.5 45.7



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: 26.41 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.06 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

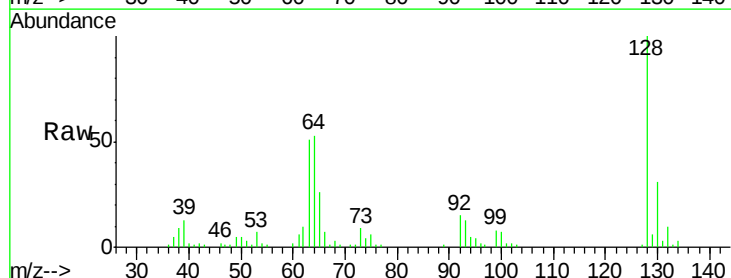
Tgt Ion: 128 Resp: 79985

Ion Ratio Lower Upper

128 100

130 30.7 11.0 51.0

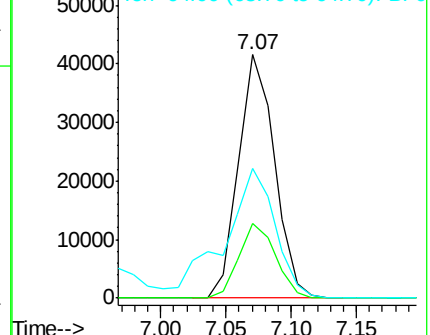
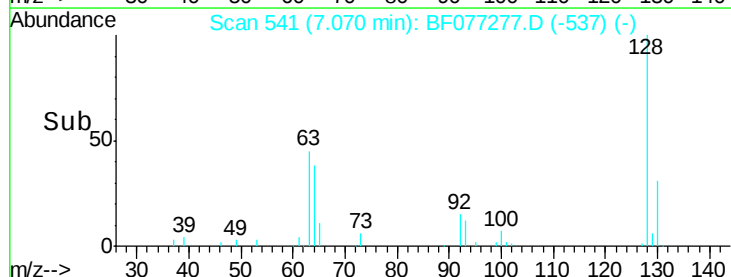
64 53.1 29.3 69.3

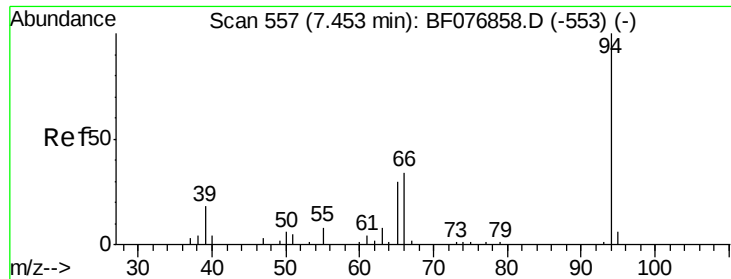


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 23.87 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

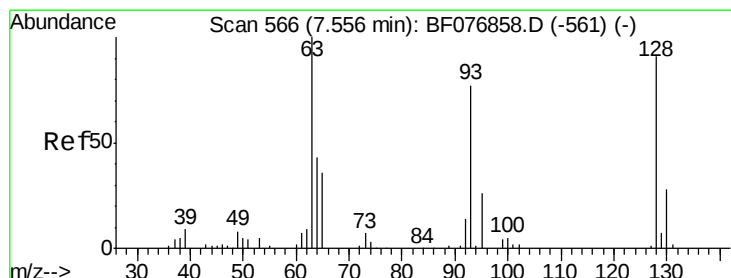
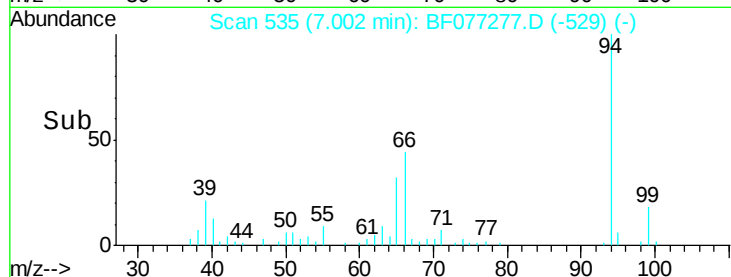
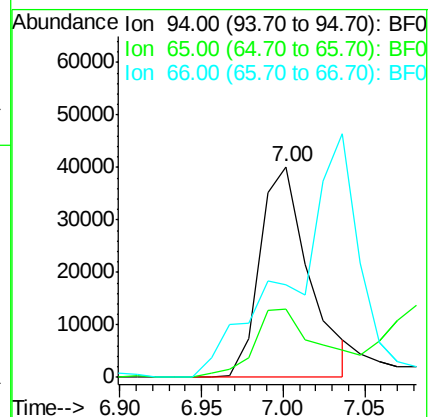
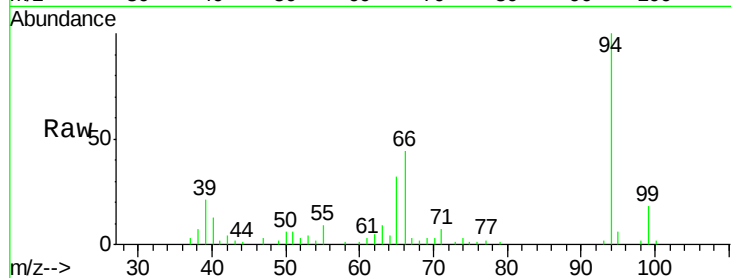
Tgt Ion: 94 Resp: 84018

Ion Ratio Lower Upper

94 100

65 32.4 11.3 51.3

66 44.1 19.5 59.5



#11

bis(2-Chloroethyl)ether

Concen: 26.02 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

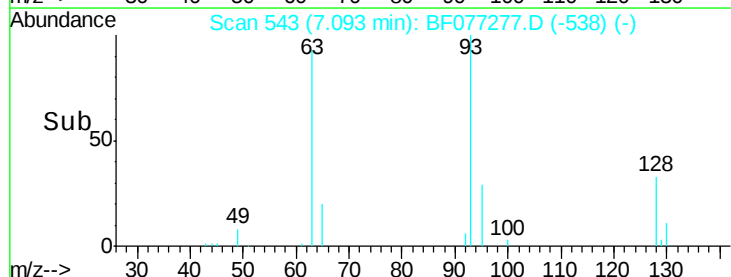
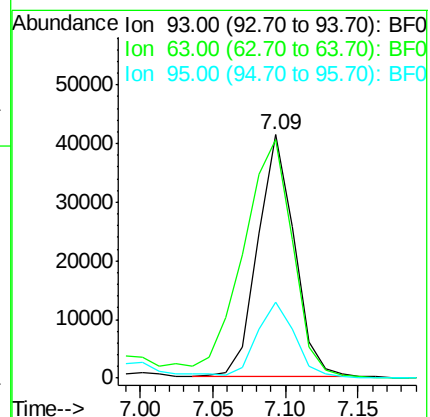
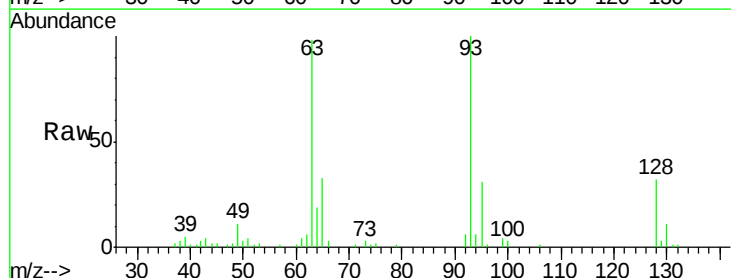
Tgt Ion: 93 Resp: 71636

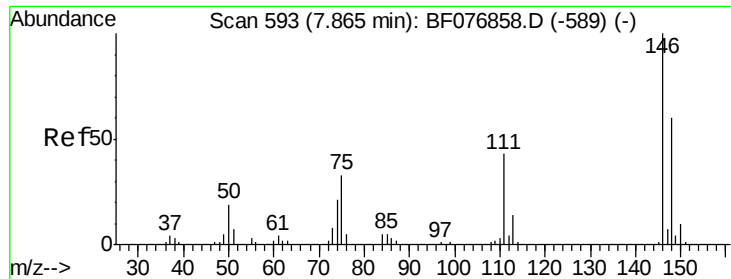
Ion Ratio Lower Upper

93 100

63 97.7 111.3 151.3#

95 31.0 13.8 53.8

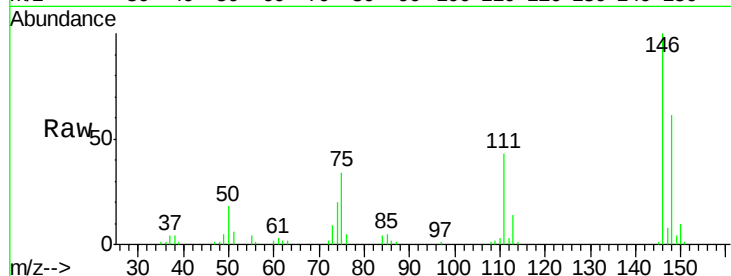




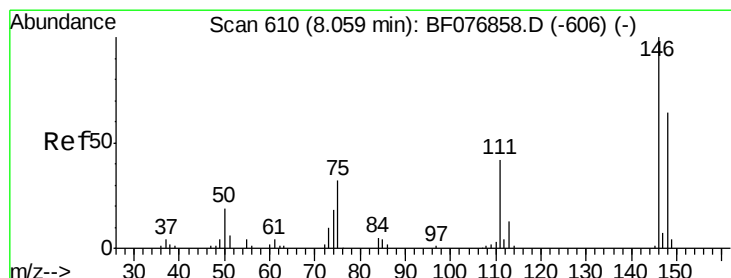
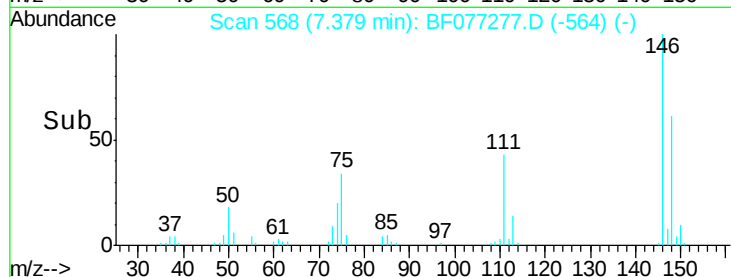
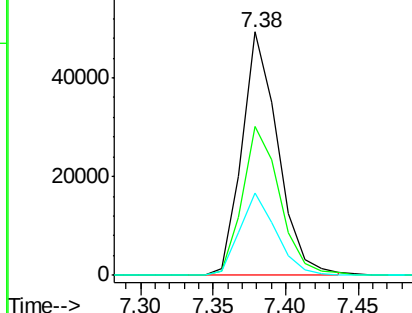
#12
 1,3-Dichlorobenzene
 Concen: 24.65 ng
 RT: 7.38 min Scan# 568
 Delta R.T. -0.06 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	48.1	72.1
75	33.7	26.8	40.2

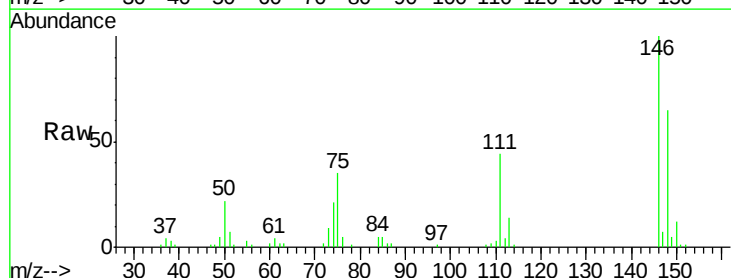


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

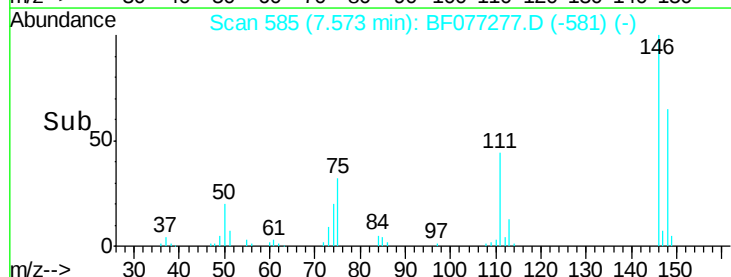
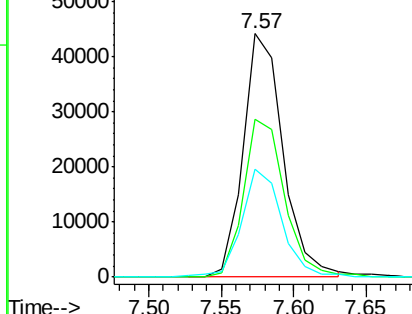


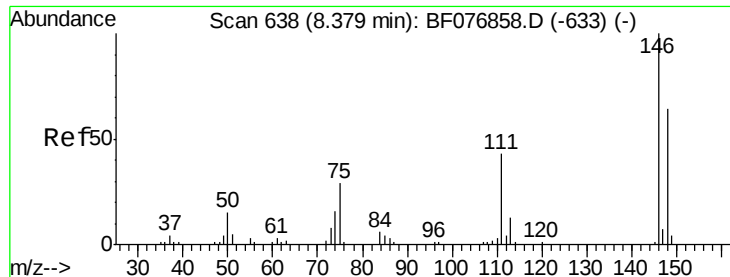
#13
 1,4-Dichlorobenzene
 Concen: 22.99 ng
 RT: 7.57 min Scan# 585
 Delta R.T. -0.06 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	44.4	33.9	50.9



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

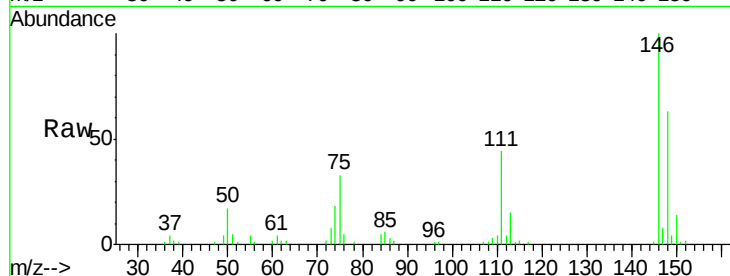




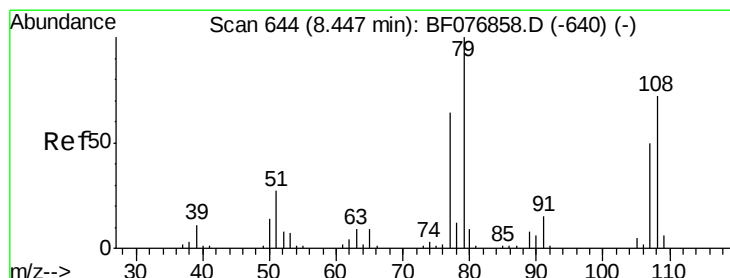
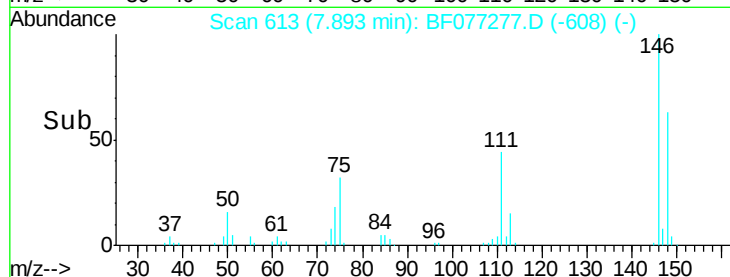
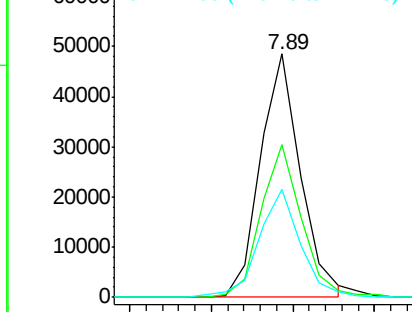
#14
 1,2-Dichlorobenzene
 Concen: 24.69 ng
 RT: 7.89 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion: 146 Resp: 83107
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.3 76.9
 111 44.4 34.5 51.7

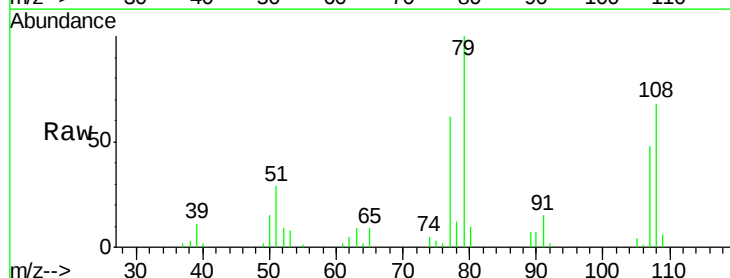


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

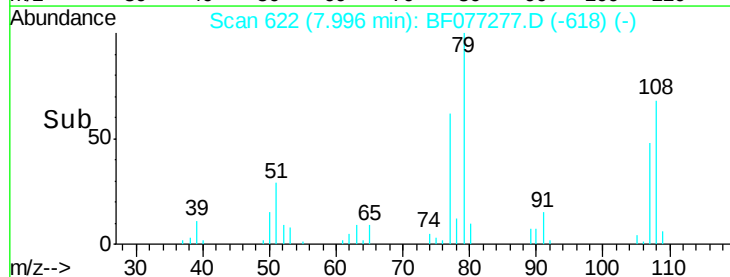
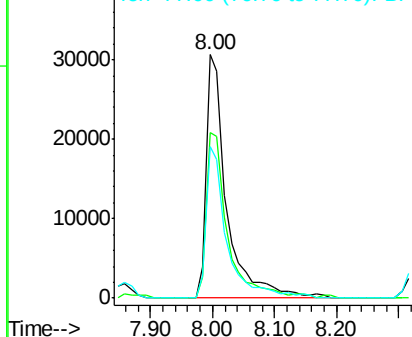


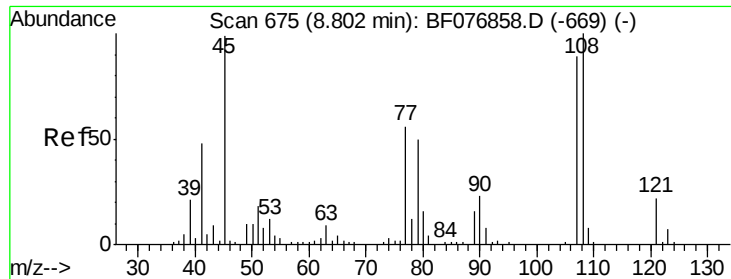
#15
 Benzyl Alcohol
 Concen: 25.93 ng
 RT: 8.00 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion: 79 Resp: 69541
 Ion Ratio Lower Upper
 79 100
 108 68.0 57.2 85.8
 77 62.2 51.2 76.8



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

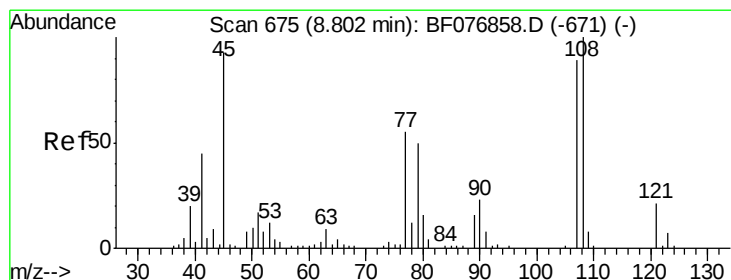
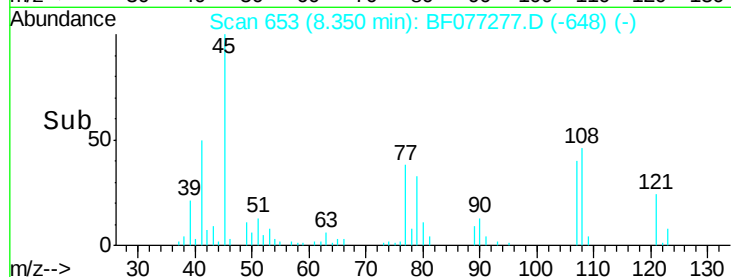
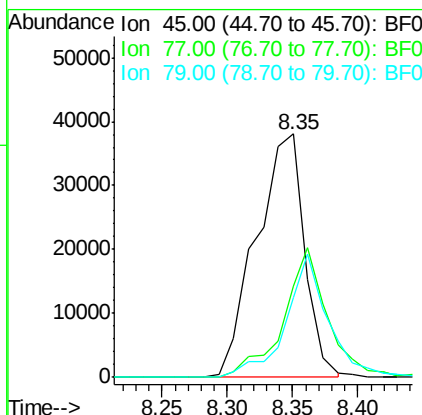
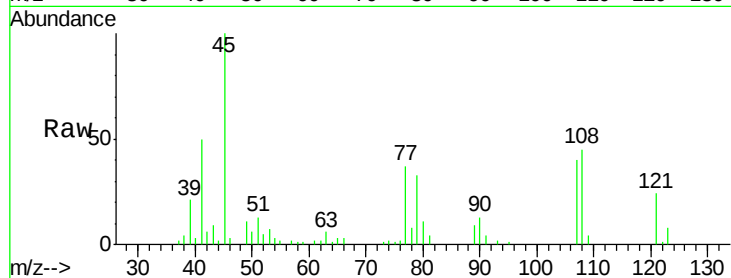




#16
2,2'-oxybis(1-chloropropane)
Concen: 26.56 ng
RT: 8.35 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

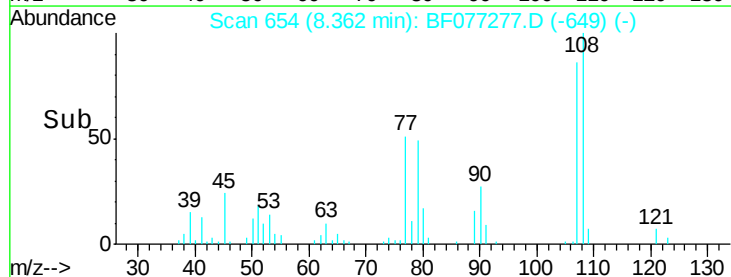
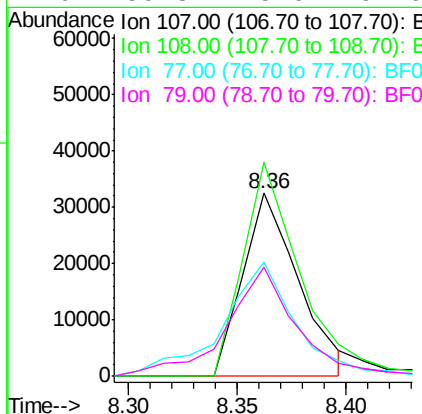
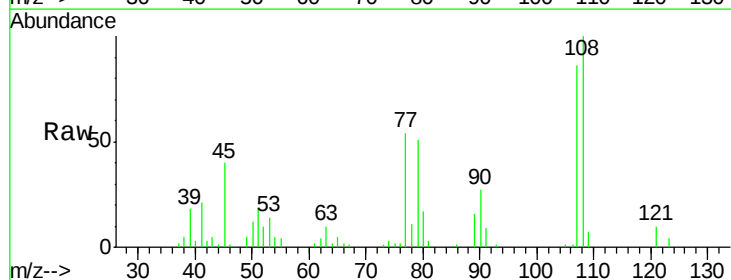
Instrument :
BNA_F
ClientSampled :
UB9BMSD

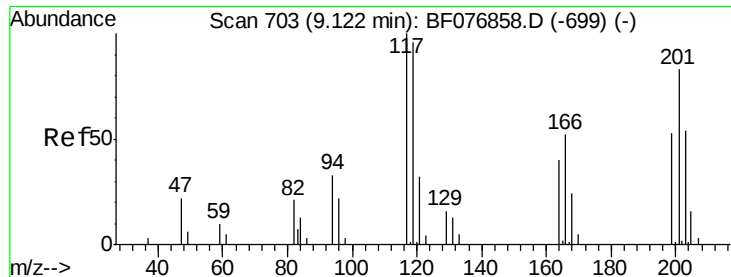
Tgt Ion: 45 Resp: 98300
Ion Ratio Lower Upper
45 100
77 37.3 36.1 76.1
79 32.7 30.5 70.5



#17
2-Methylphenol
Concen: 23.41 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 107 Resp: 57941
Ion Ratio Lower Upper
107 100
108 116.9 89.7 134.5
77 62.6 50.1 75.1
79 59.3 45.0 67.6

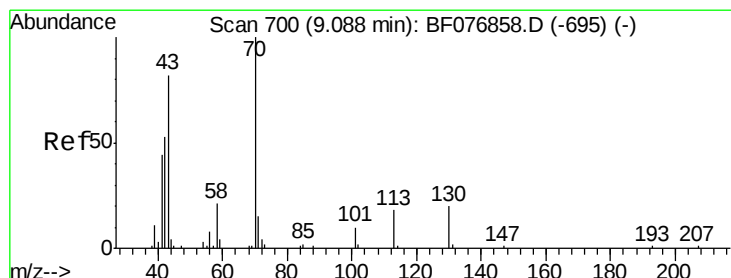
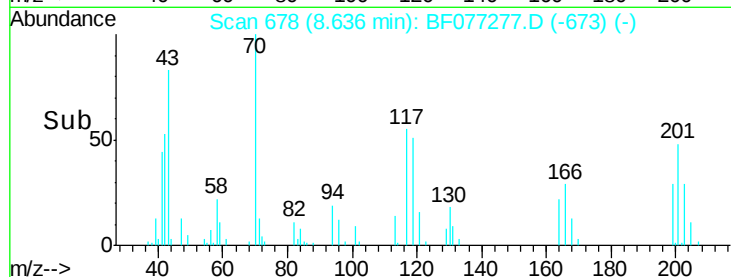
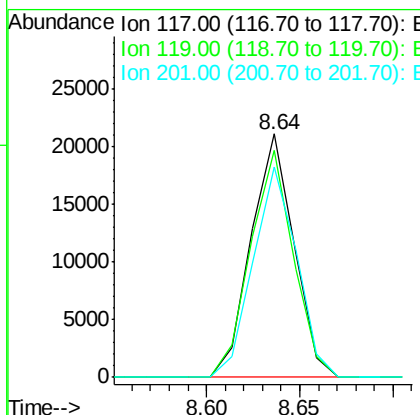
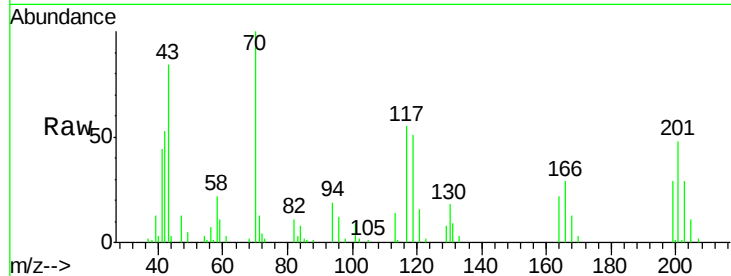




#18
Hexachloroethane
Concen: 26.44 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

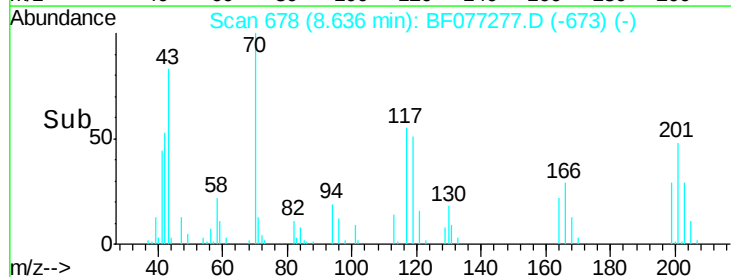
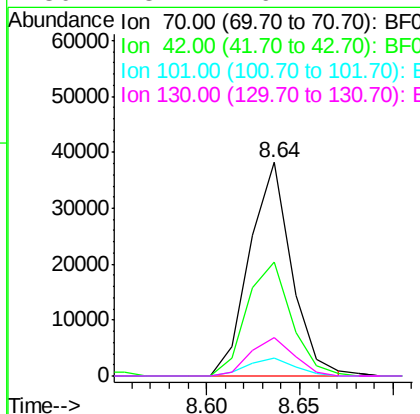
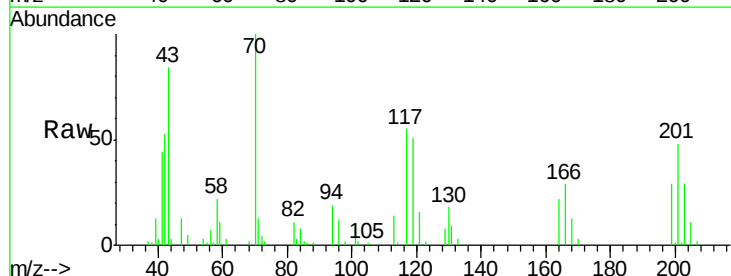
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

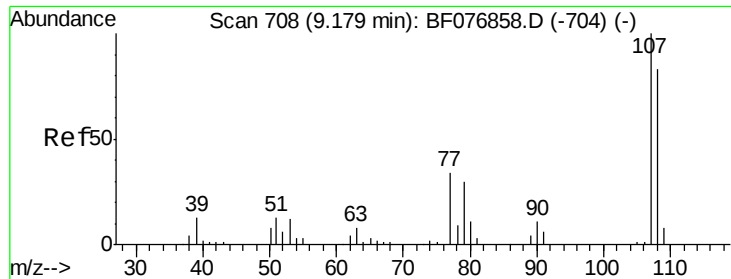
Tgt Ion: 117 Resp: 33606
Ion Ratio Lower Upper
117 100
119 93.0 77.1 115.7
201 86.6 66.8 100.2



#19
n-Nitroso-di-n-propylamine
Concen: 25.75 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 70 Resp: 59733
Ion Ratio Lower Upper
70 100
42 53.3 42.1 63.1
101 8.6 7.8 11.8
130 18.1 16.2 24.4

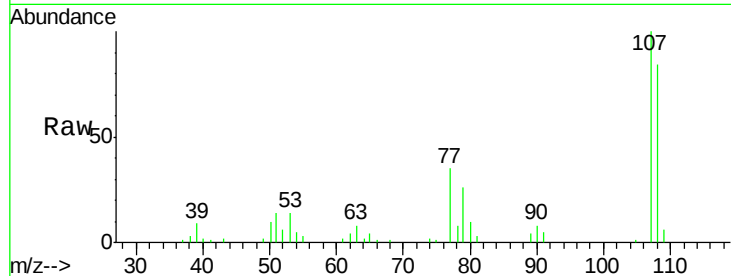




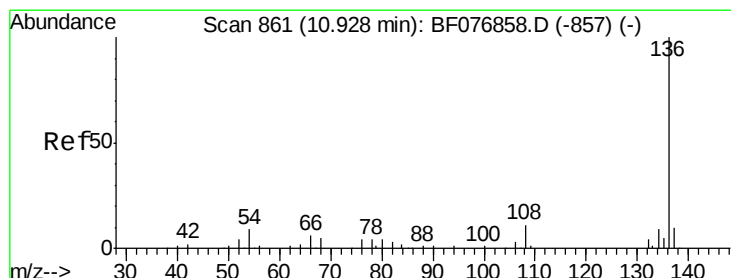
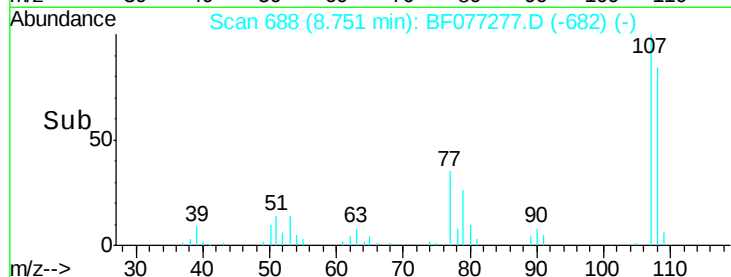
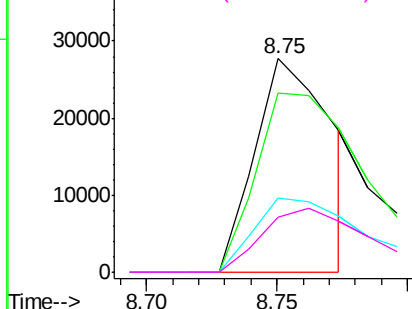
#20
3+4-Methylphenols
Concen: 17.21 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:	107	Resp:	56410
Ion	Ratio	Lower	Upper
107	100		
108	84.1	63.5	103.5
77	34.9	14.0	54.0
79	25.9	9.9	49.9

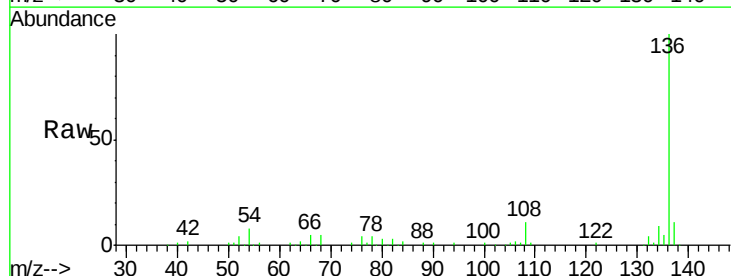


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

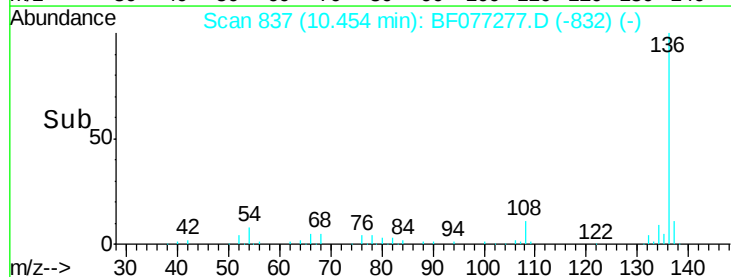
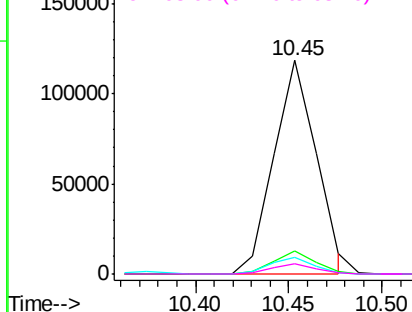


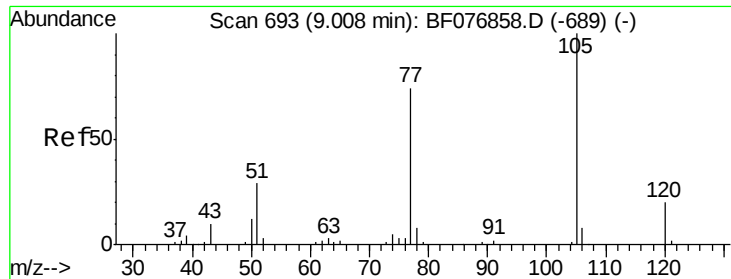
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:	136	Resp:	187780
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.1	12.1
54	8.0	7.0	10.4
68	4.6	3.7	5.5



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





#22

Acetophenone

Concen: 26.27 ng

RT: 8.54 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampled :

UB9BMSD

Tgt Ion: 105 Resp: 120832

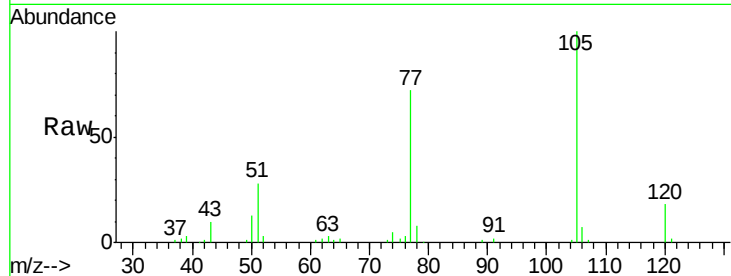
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.8 23.3 34.9

120 18.4 16.1 24.1

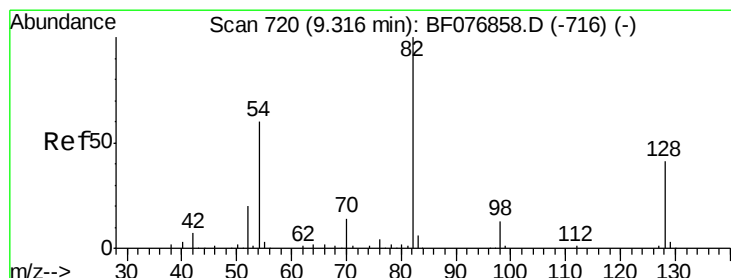
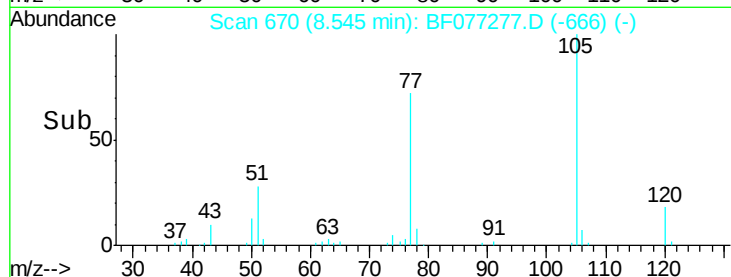
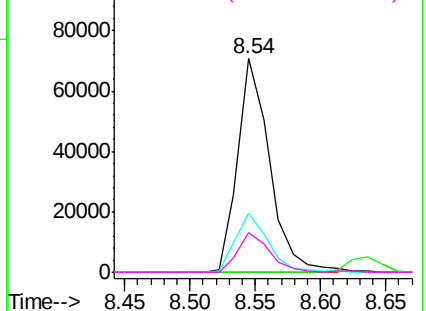


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 52.38 ng

RT: 8.85 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

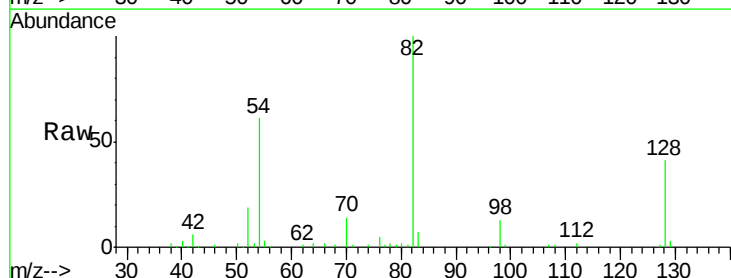
Tgt Ion: 82 Resp: 177528

Ion Ratio Lower Upper

82 100

128 41.3 33.1 49.7

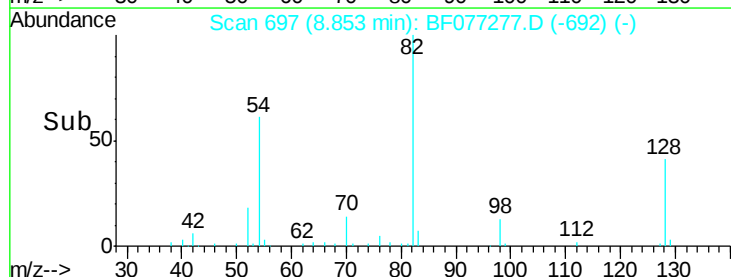
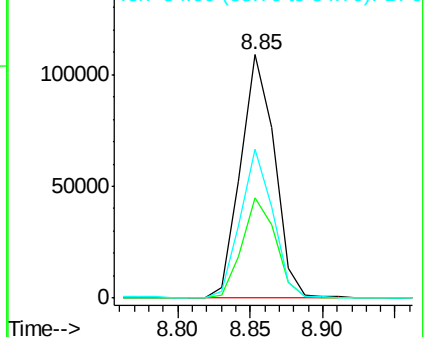
54 61.0 48.3 72.5

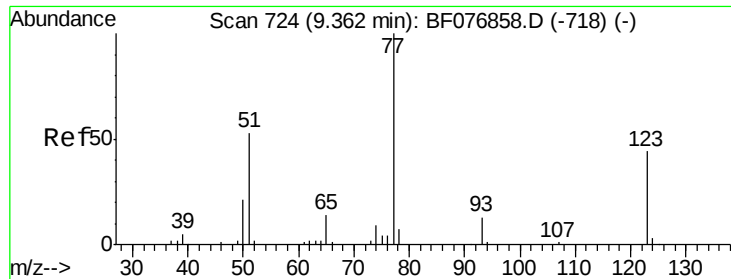


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

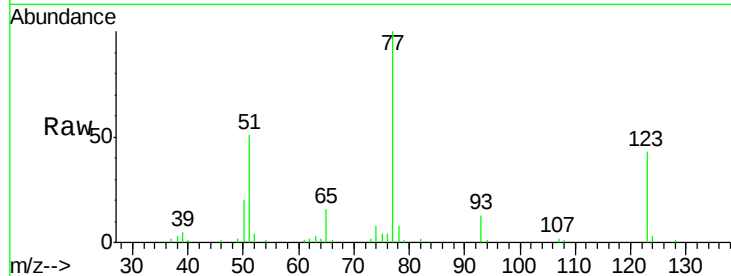




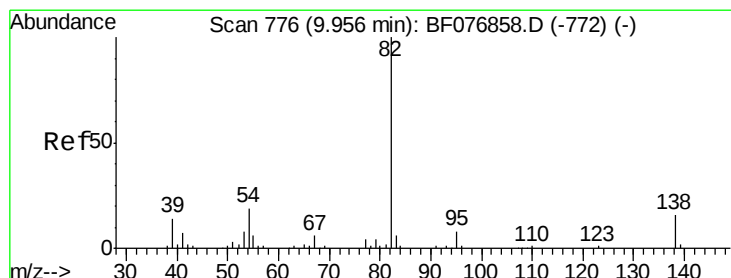
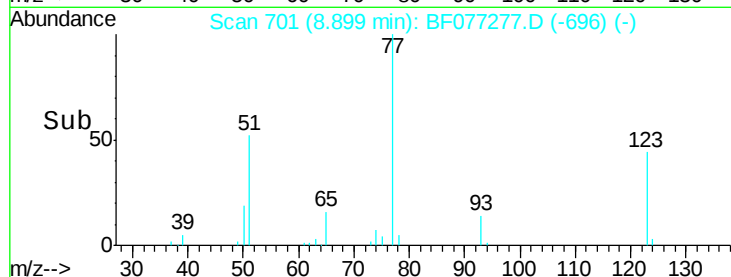
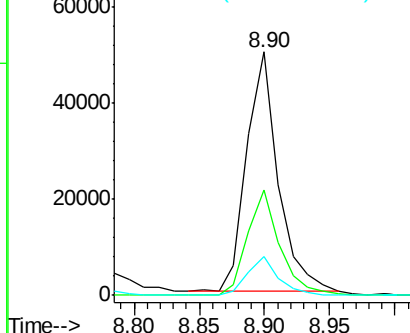
#24
 Nitrobenzene
 Concen: 24.29 ng
 RT: 8.90 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion: 77 Resp: 83858
 Ion Ratio Lower Upper
 77 100
 123 43.2 35.2 52.8
 65 15.7 11.4 17.2

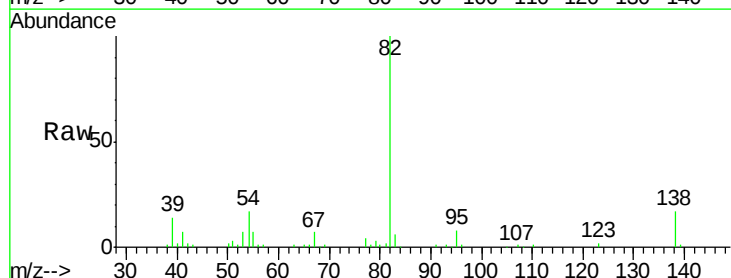


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

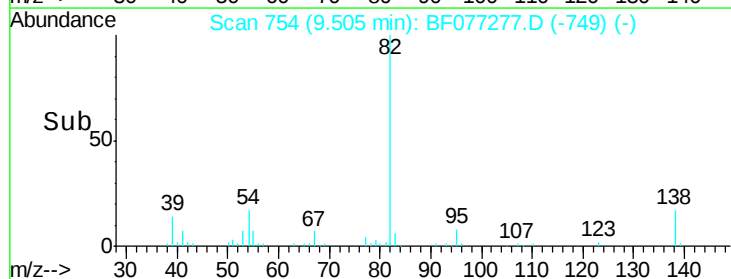
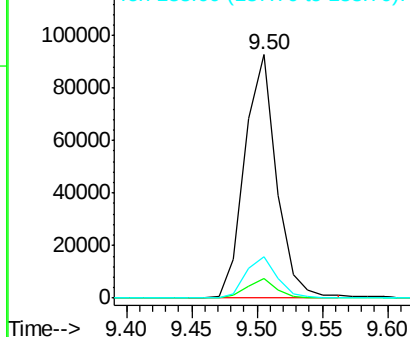


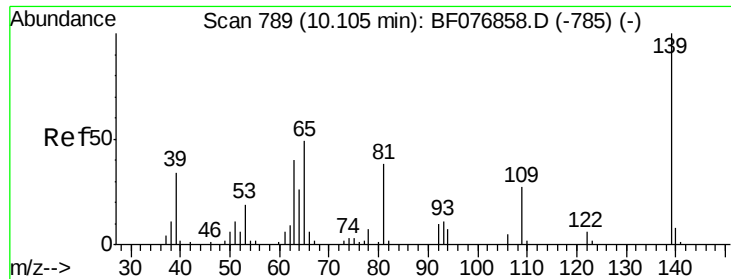
#25
 Isophorone
 Concen: 25.54 ng
 RT: 9.50 min Scan# 754
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion: 82 Resp: 157631
 Ion Ratio Lower Upper
 82 100
 95 8.0 6.6 10.0
 138 17.1 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

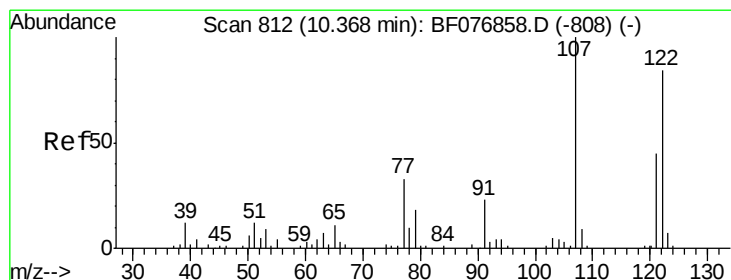
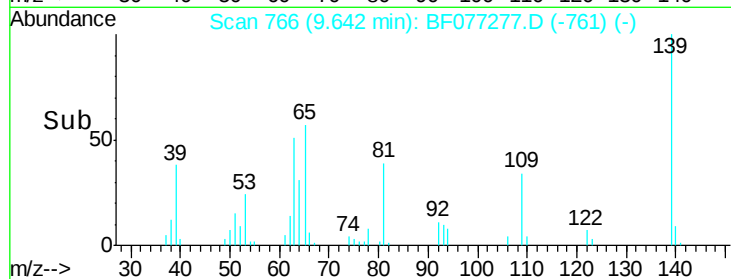
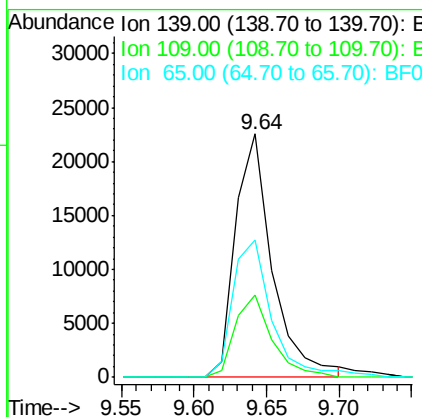
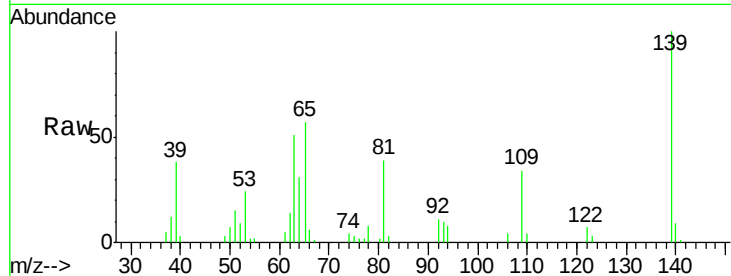




#26
 2-Nitrophenol
 Concen: 23.52 ng
 RT: 9.64 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

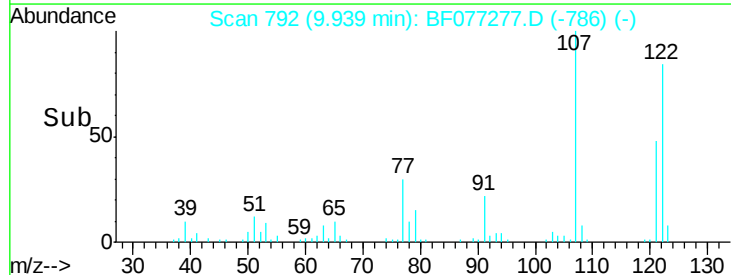
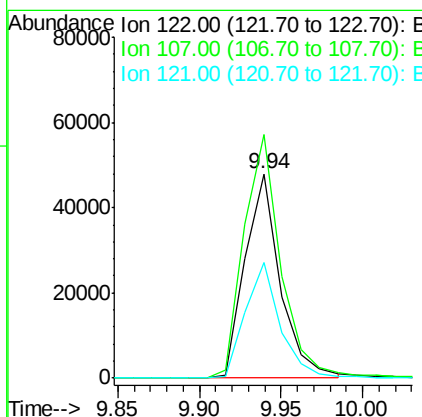
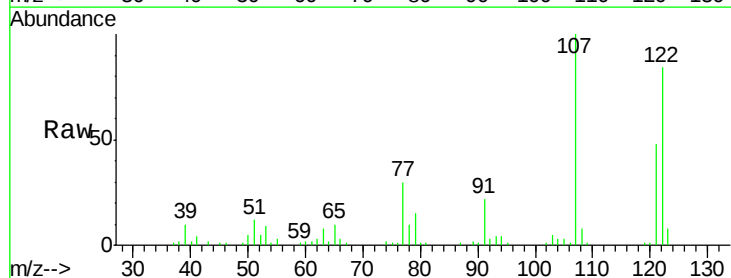
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

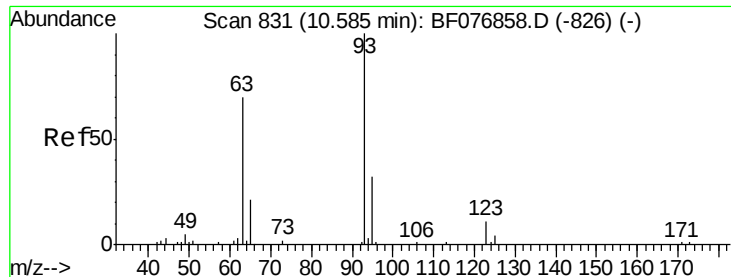
Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.6	21.3	31.9#
65	56.6	39.4	59.0



#27
 2,4-Dimethylphenol
 Concen: 26.90 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.2	95.2	142.8
121	56.7	42.9	64.3

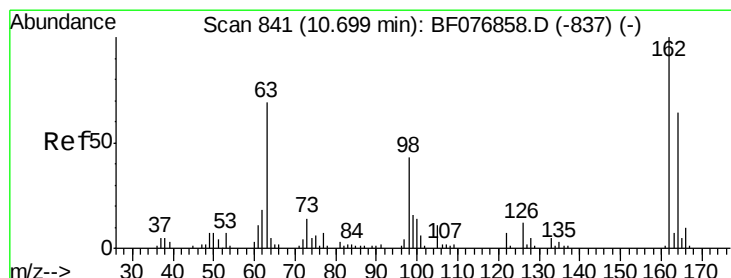
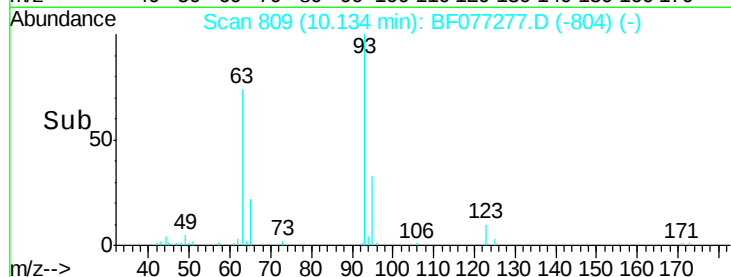
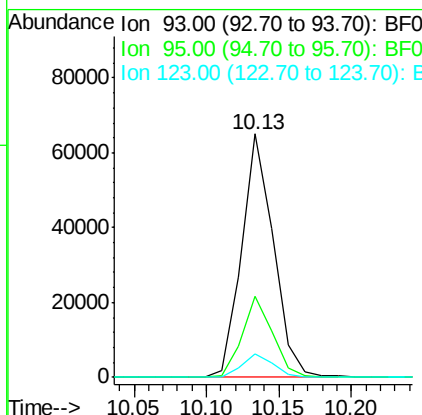
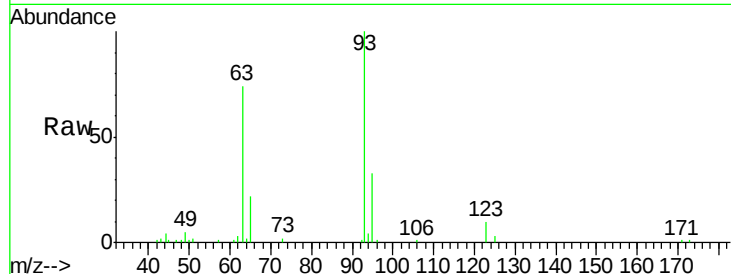




#28
bis(2-Chloroethoxy)methane
Concen: 28.25 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

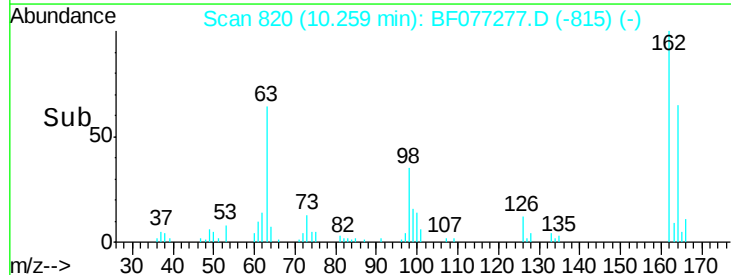
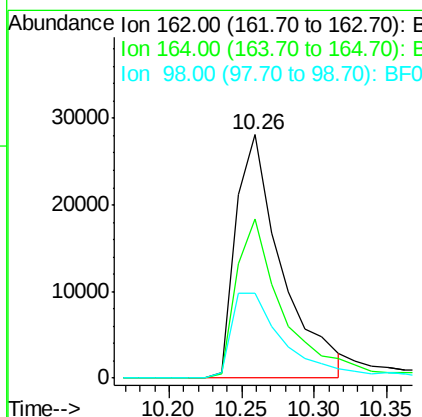
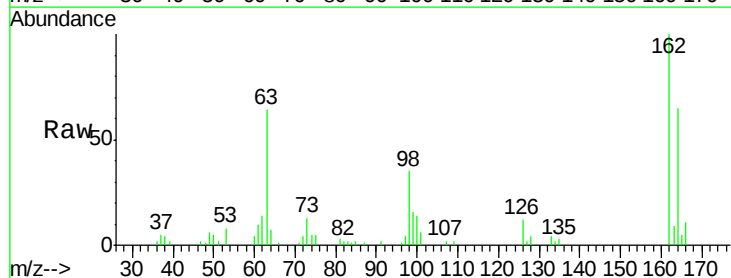
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

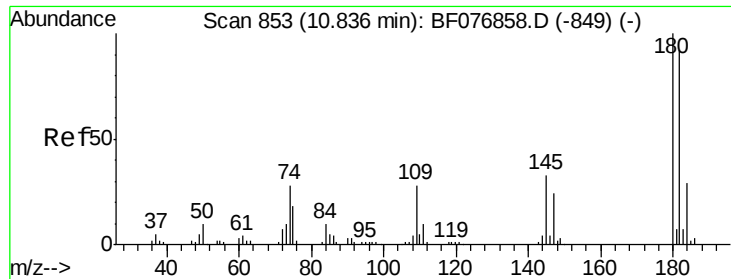
Tgt Ion: 93 Resp: 99115
Ion Ratio Lower Upper
93 100
95 33.2 25.6 38.4
123 9.6 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 24.84 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 162 Resp: 61812
Ion Ratio Lower Upper
162 100
164 65.2 43.8 83.8
98 34.8 22.5 62.5

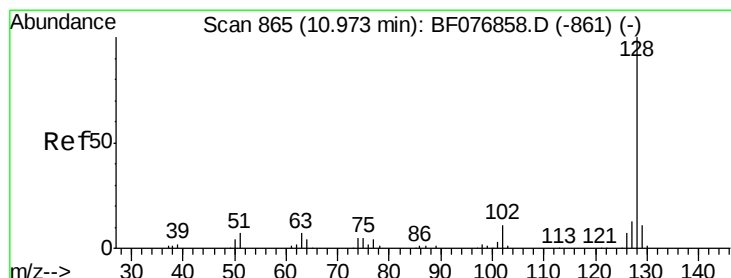
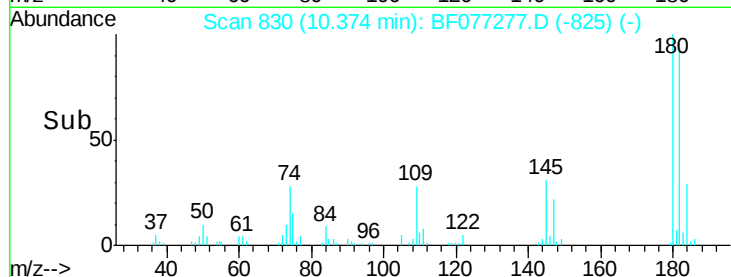
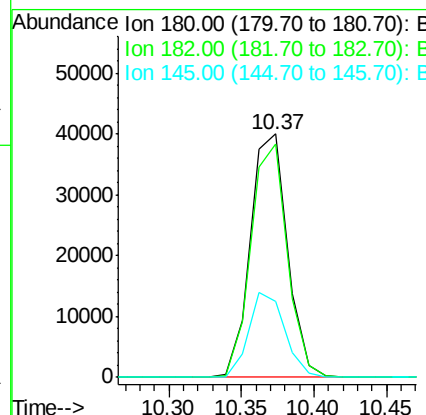
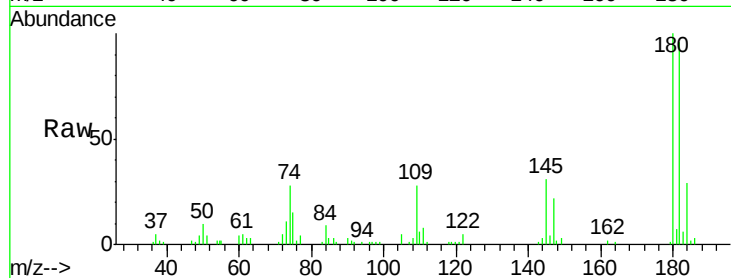




#30
 1,2,4-Trichlorobenzene
 Concen: 25.58 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

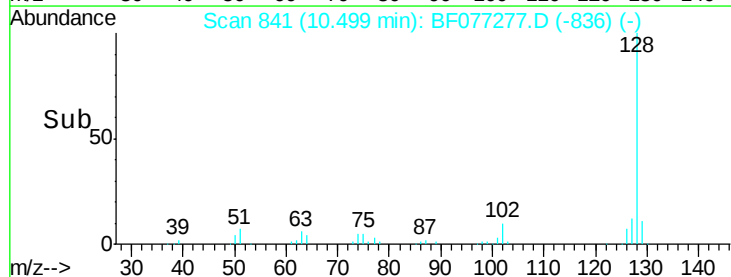
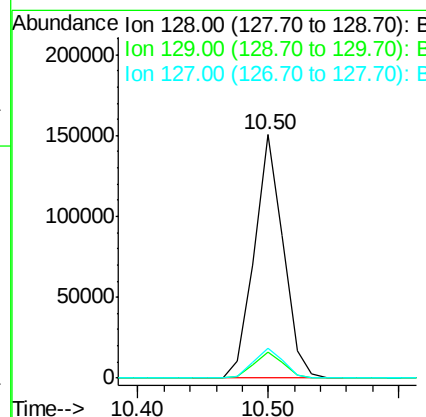
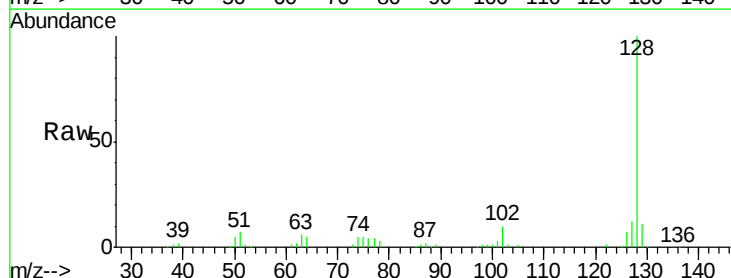
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

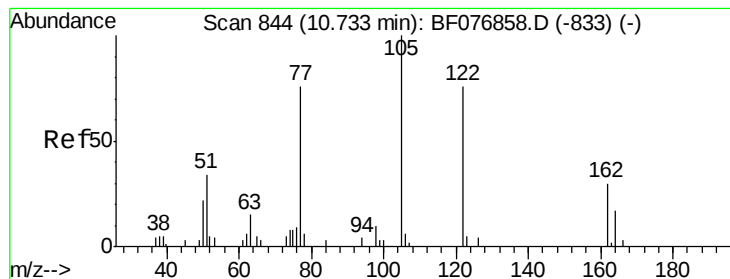
Tgt Ion:180 Resp: 70693
 Ion Ratio Lower Upper
 180 100
 182 95.7 73.6 110.4
 145 31.1 26.6 39.8



#31
 Naphthalene
 Concen: 24.07 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion:128 Resp: 232691
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.6
 127 12.5 10.2 15.2





#32

Benzoic acid

Concen: 6.44 ng

RT: 10.36 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

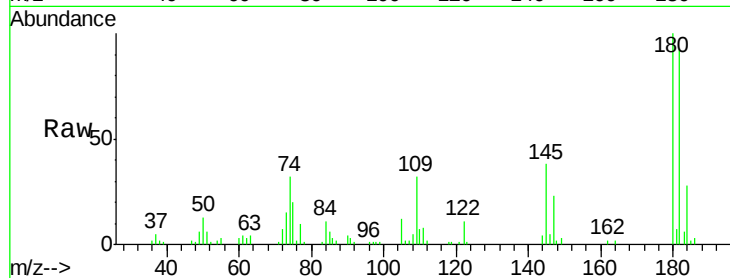
Tgt Ion:122 Resp: 9532

Ion Ratio Lower Upper

122 100

105 111.6 111.3 151.3

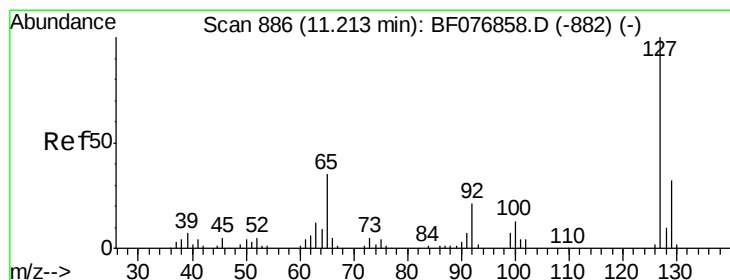
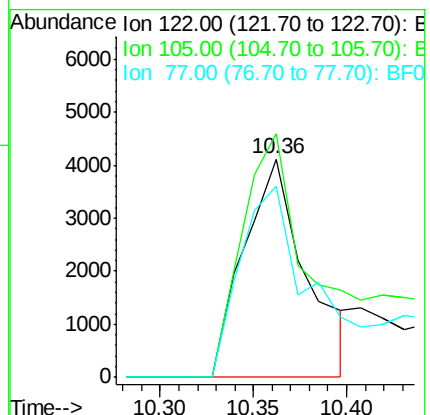
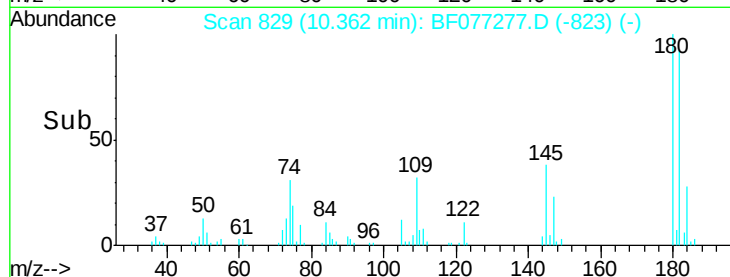
77 87.6 79.2 119.2



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: 11.16 ng

RT: 10.77 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:127 Resp: 43583

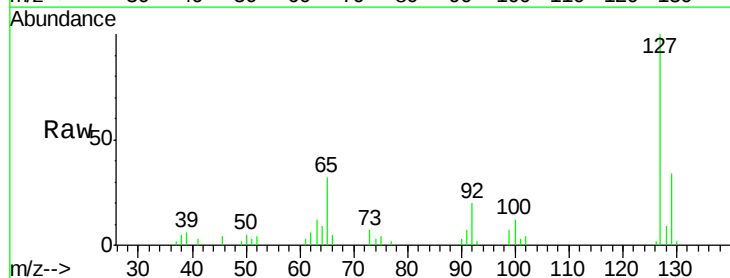
Ion Ratio Lower Upper

127 100

129 33.6 25.3 37.9

65 31.5 27.8 41.6

92 19.8 16.5 24.7

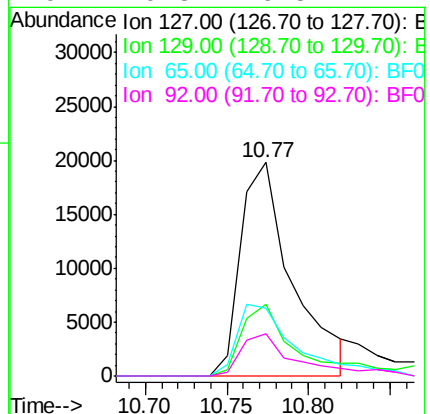
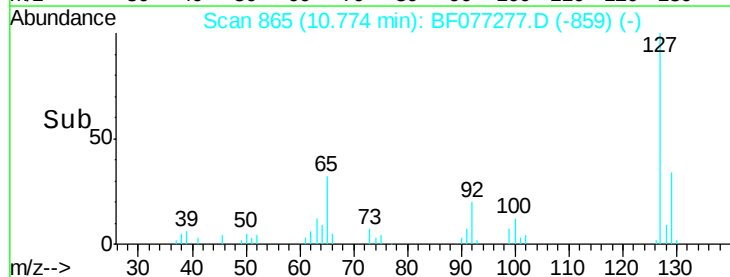


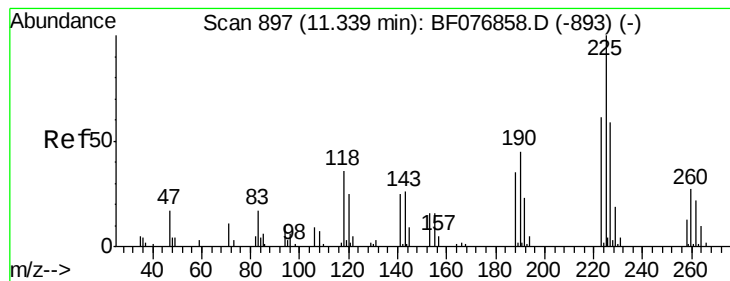
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 24.98 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

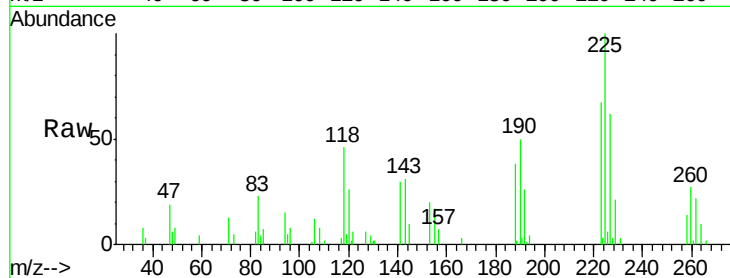
Tgt Ion:225 Resp: 40961

Ion Ratio Lower Upper

225 100

223 67.2 49.1 73.7

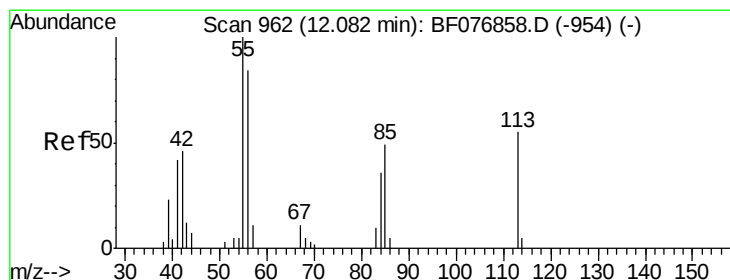
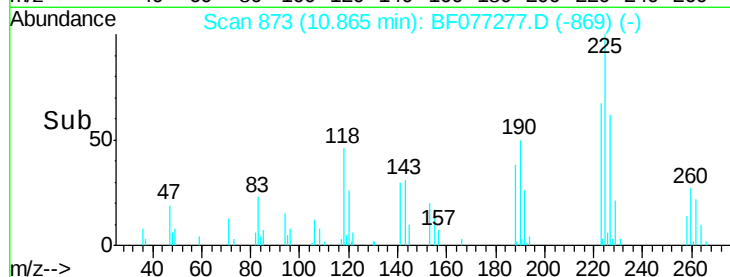
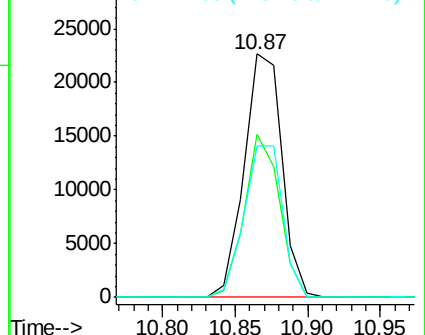
227 62.4 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 19.72 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

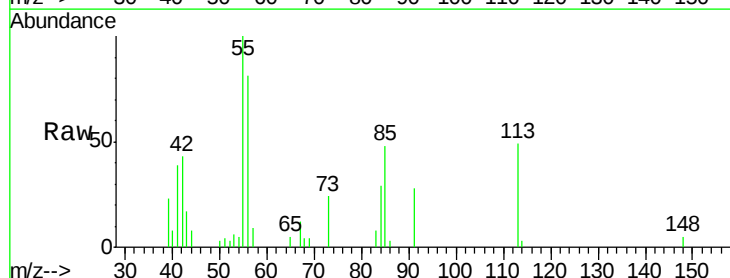
Tgt Ion:113 Resp: 14447

Ion Ratio Lower Upper

113 100

55 206.1 162.1 202.1#

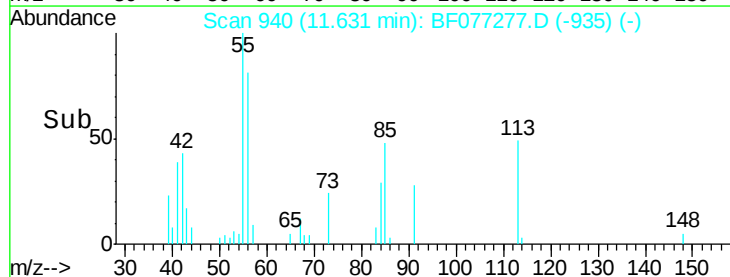
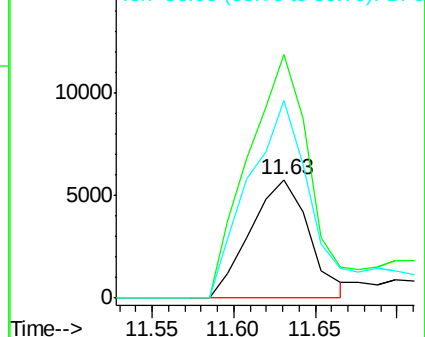
56 167.4 133.7 173.7

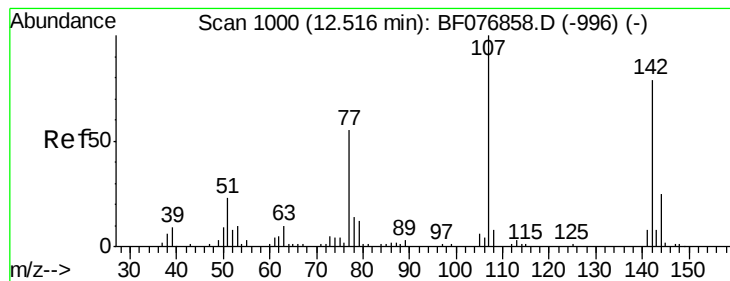


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 23.28 ng

RT: 12.09 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

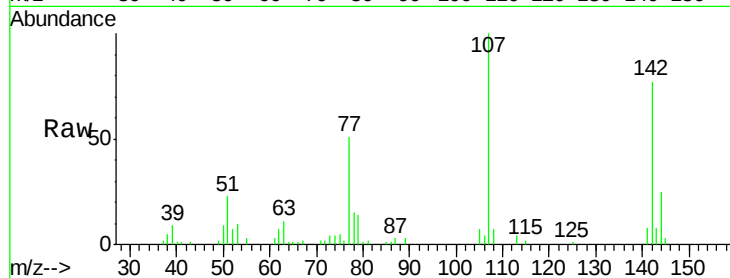
Tgt Ion:107 Resp: 66328

Ion Ratio Lower Upper

107 100

144 25.4 20.0 30.0

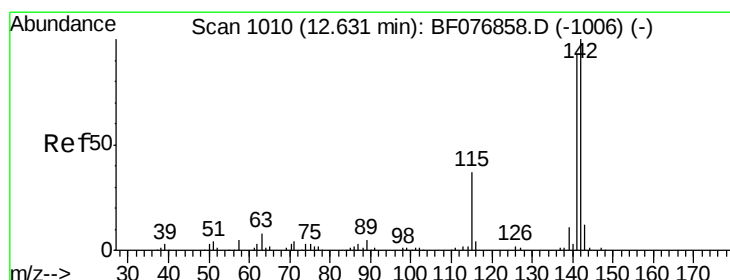
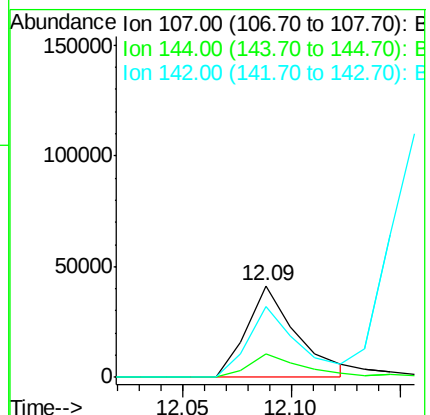
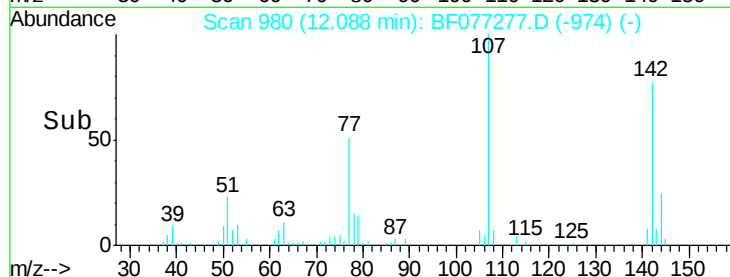
142 77.1 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 25.83 ng

RT: 12.16 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

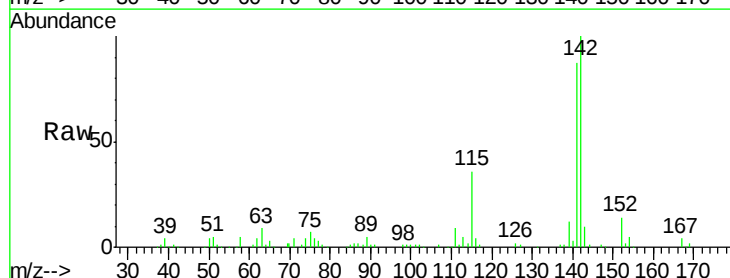
Tgt Ion:142 Resp: 170510

Ion Ratio Lower Upper

142 100

141 86.9 74.5 111.7

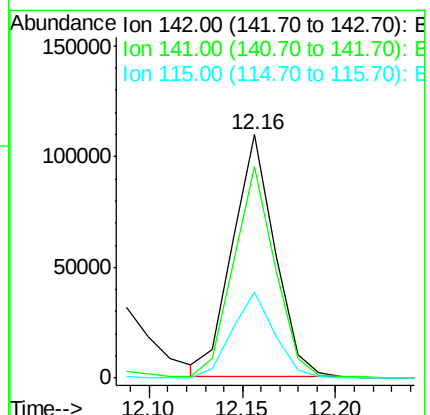
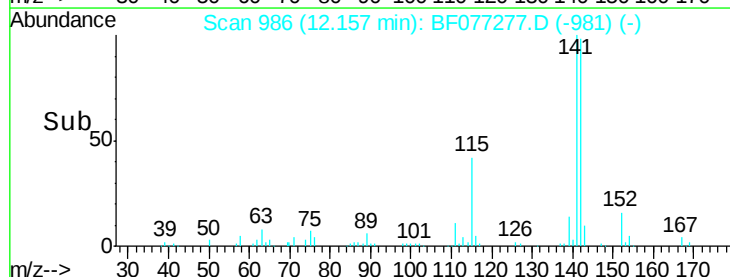
115 35.5 29.7 44.5

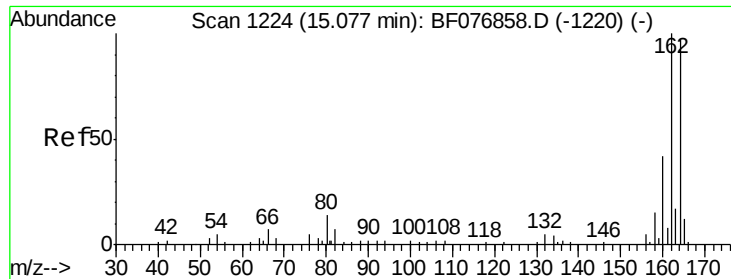


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.57 min Scan# 1197

Delta R.T. -0.06 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

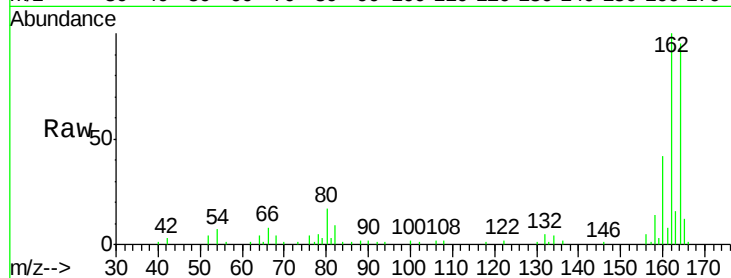
Tgt Ion:164 Resp: 104327

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

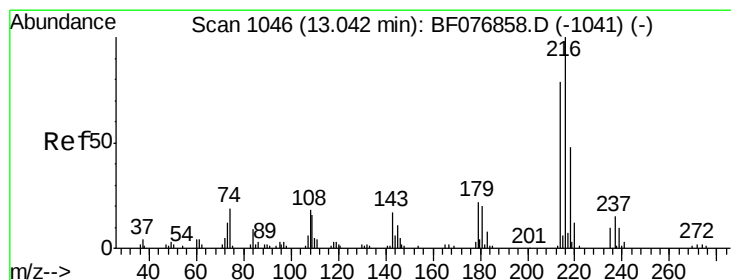
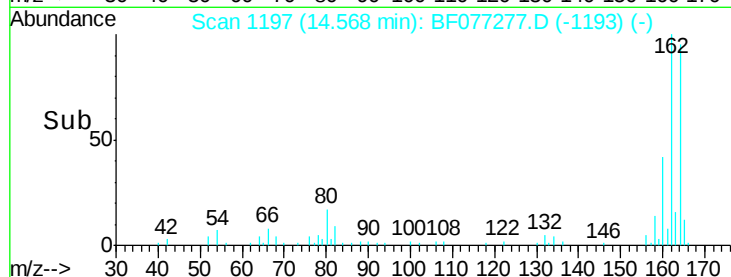
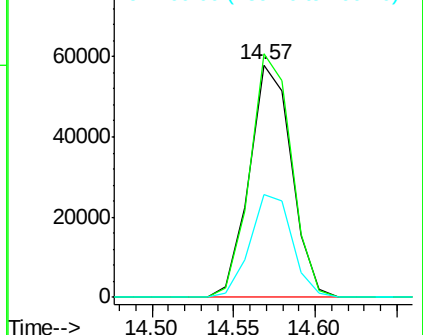
160 44.5 34.8 52.2



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: 25.31 ng

RT: 12.56 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:216 Resp: 65282

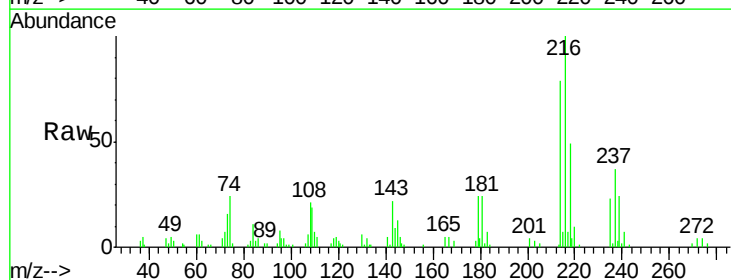
Ion Ratio Lower Upper

216 100

214 79.9 64.9 97.3

179 23.6 18.6 28.0

108 23.9 18.1 27.1

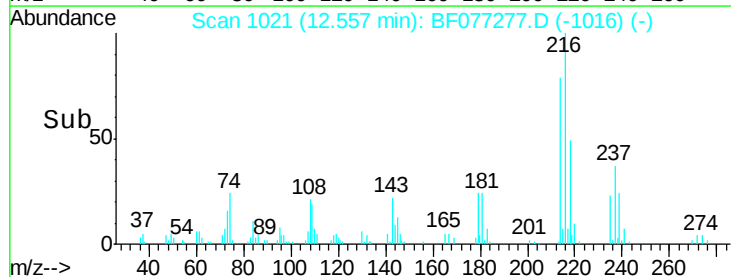
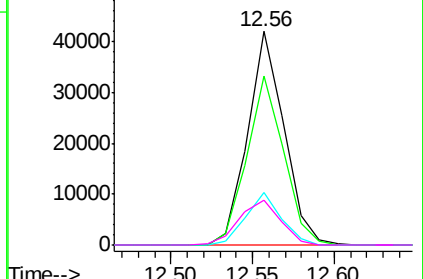


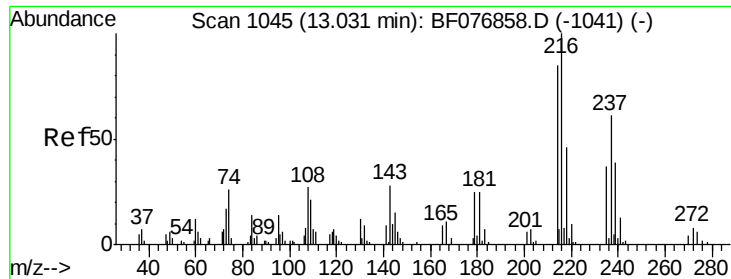
Abundance Ion 216.00 (215.70 to 216.70): E

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

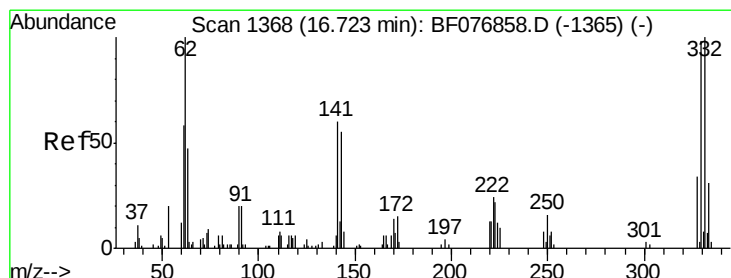
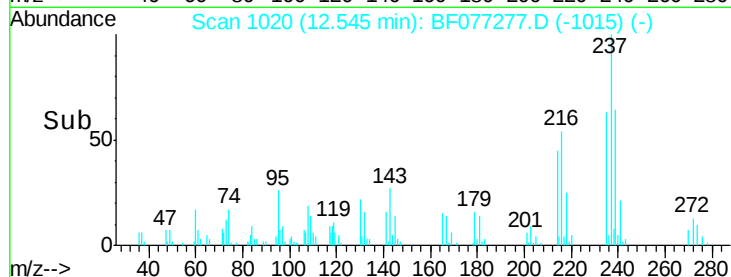
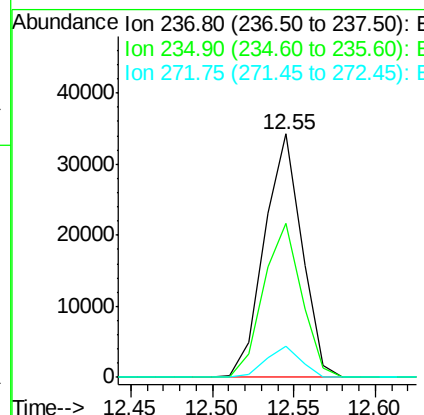
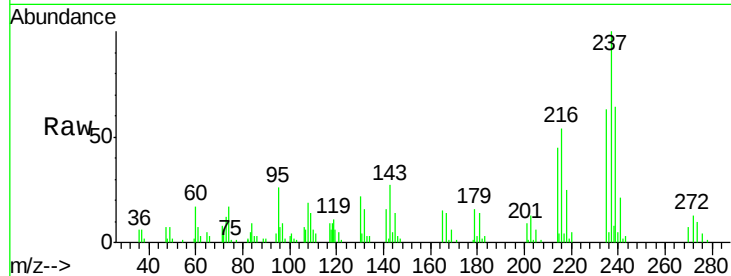




#40
Hexachlorocyclopentadiene
Concen: 41.84 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

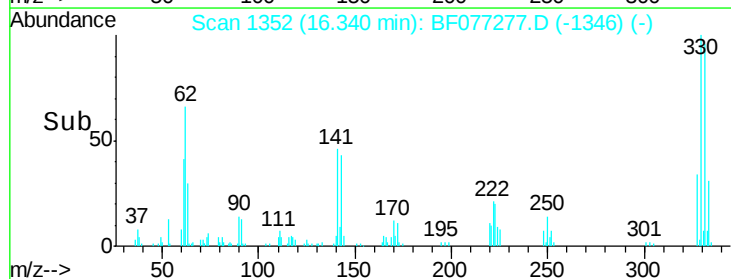
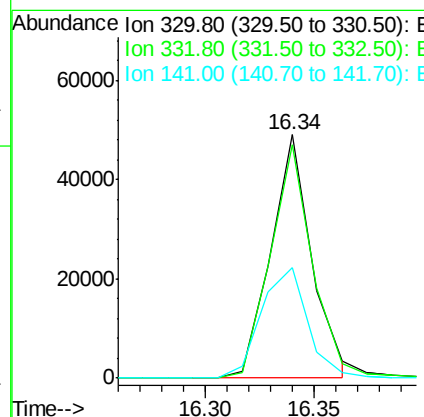
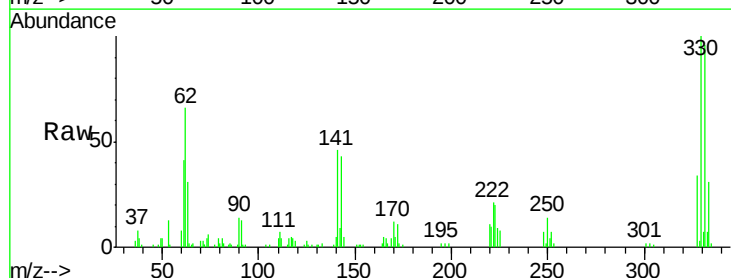
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

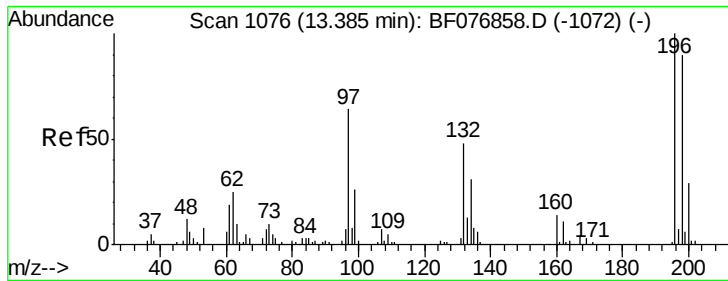
Tgt Ion: 237 Resp: 54875
Ion Ratio Lower Upper
237 100
235 63.3 40.4 80.4
272 12.7 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 76.19 ng
RT: 16.34 min Scan# 1352
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 330 Resp: 64524
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 51.1 38.5 57.7

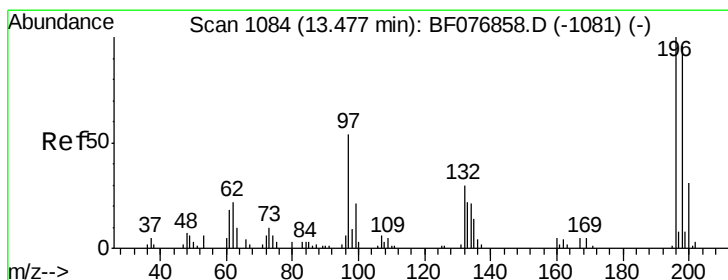
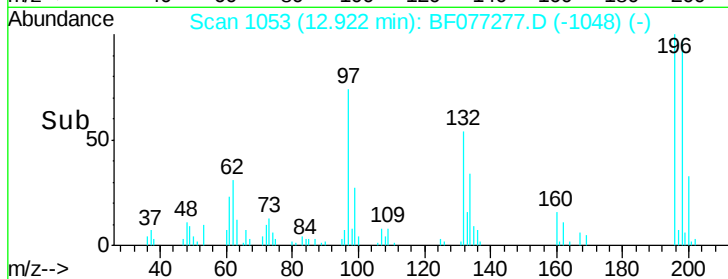
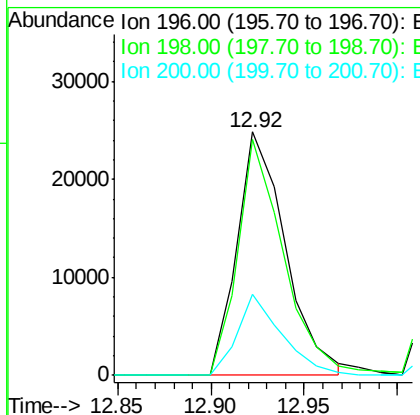
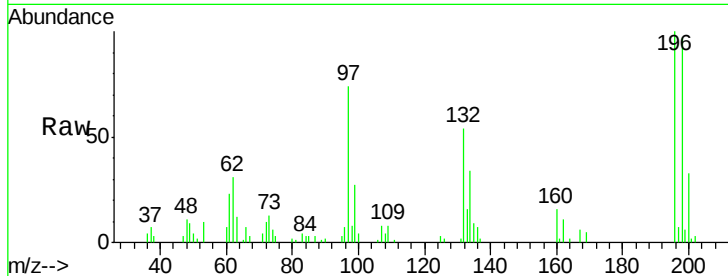




#42
 2,4,6-Trichlorophenol
 Concen: 23.84 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

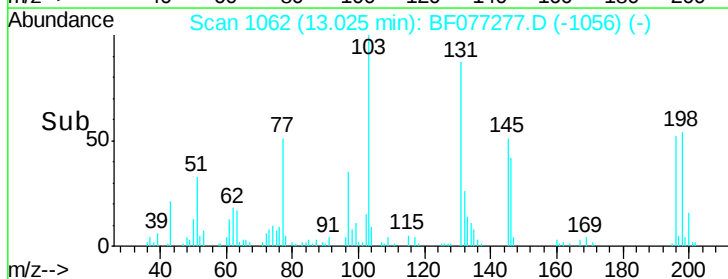
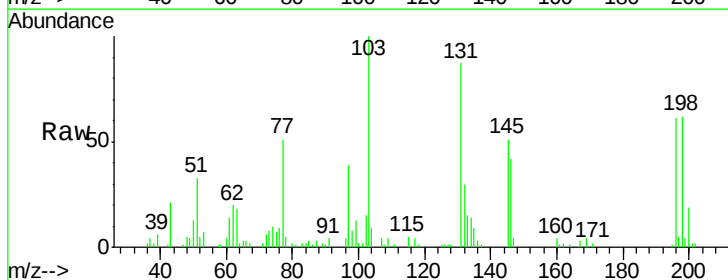
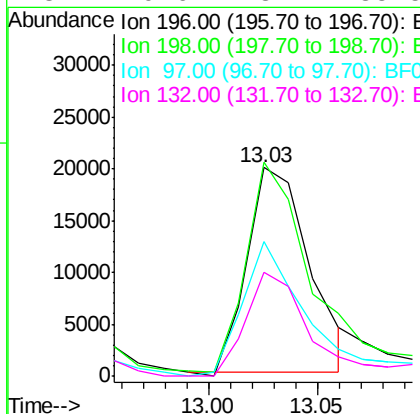
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

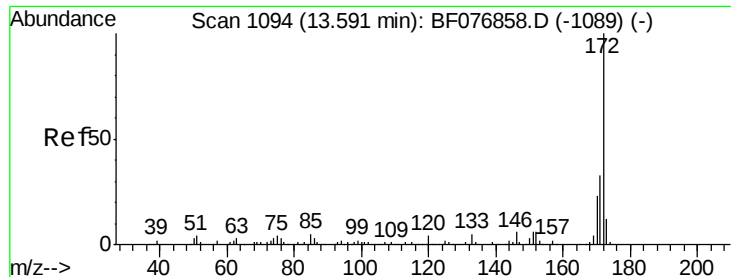
Tgt Ion:196 Resp: 44796
 Ion Ratio Lower Upper
 196 100
 198 97.0 72.0 108.0
 200 33.3 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 20.59 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion:196 Resp: 39457
 Ion Ratio Lower Upper
 196 100
 198 102.7 76.6 115.0
 97 64.4 43.4 65.0
 132 49.6 23.7 35.5#

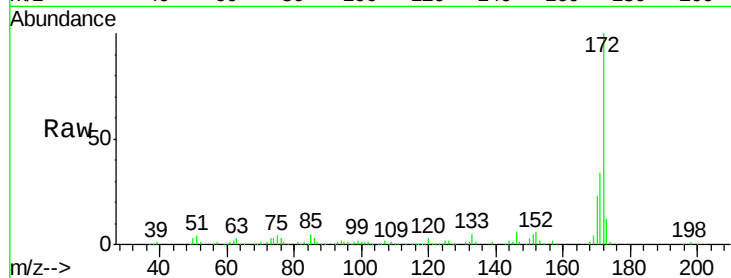




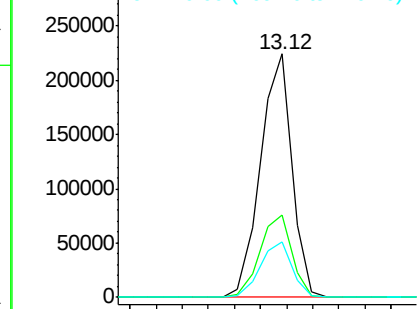
#44
 2-Fluorobiphenyl
 Concen: 55.09 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

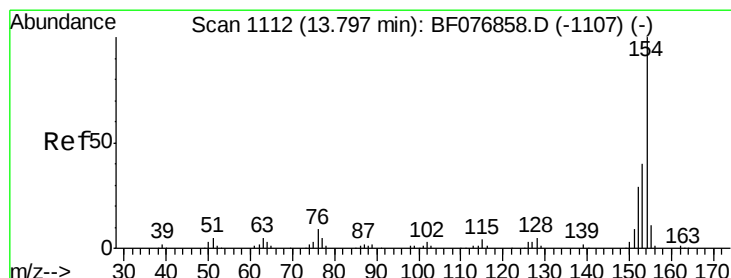
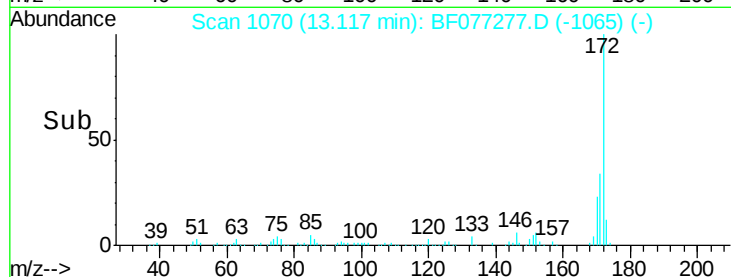
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.6	40.0
170	22.8	18.0	27.0



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

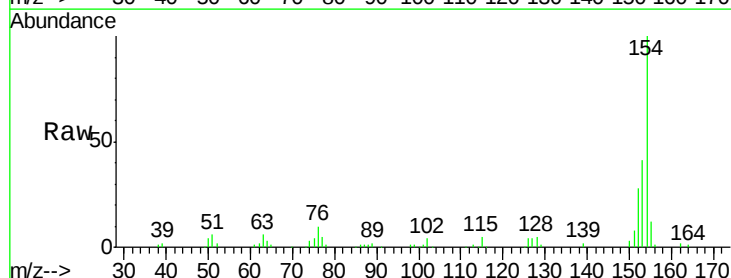


Time--> 13.00 13.10

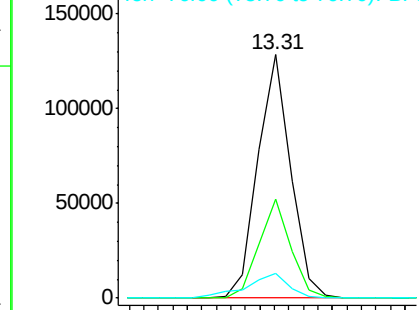


#45
 1,1'-Biphenyl
 Concen: 26.09 ng
 RT: 13.31 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

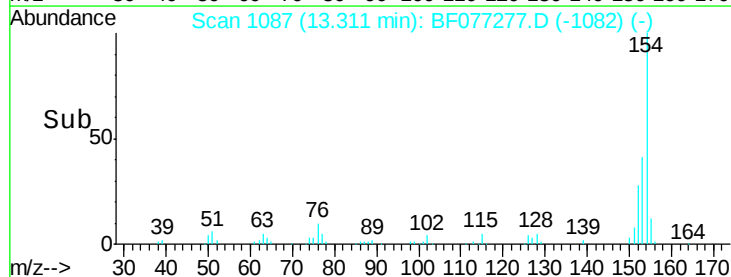
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	10.3	0.0	29.0

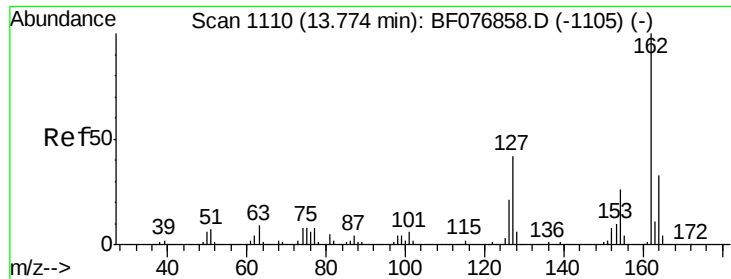


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



Time--> 13.25 13.30 13.35

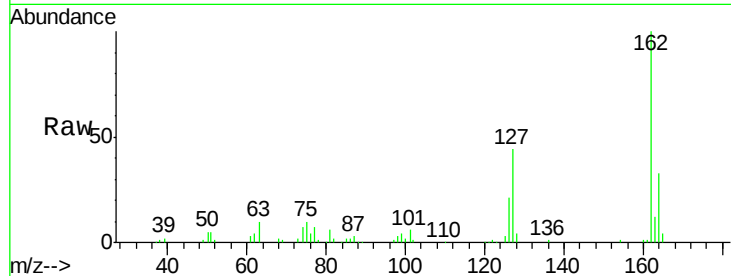




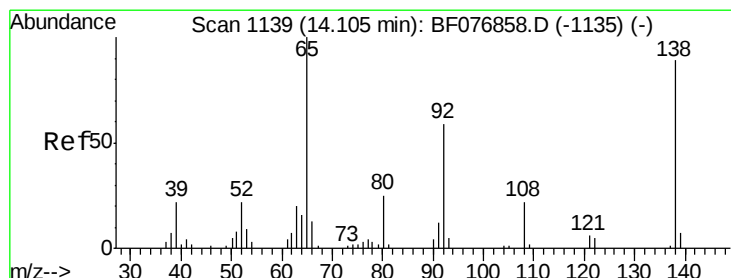
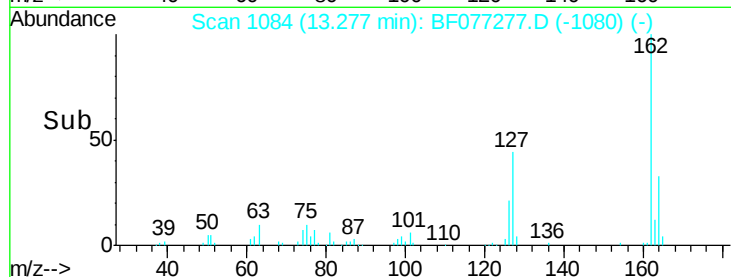
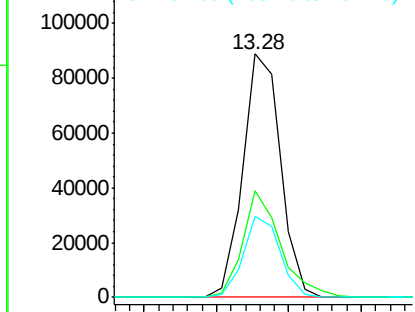
#46
2-Chloronaphthalene
Concen: 25.11 ng
RT: 13.28 min Scan# 1084
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion: 162 Resp: 159823
Ion Ratio Lower Upper
162 100
127 43.9 33.8 50.6
164 33.2 26.8 40.2

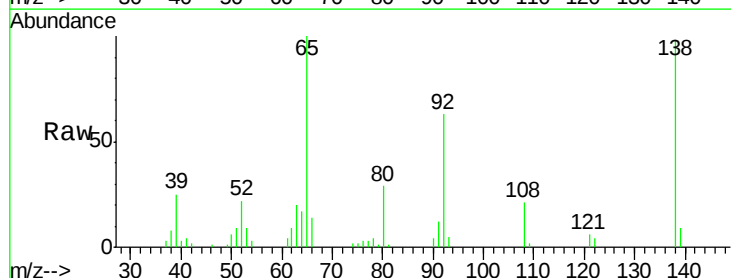


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

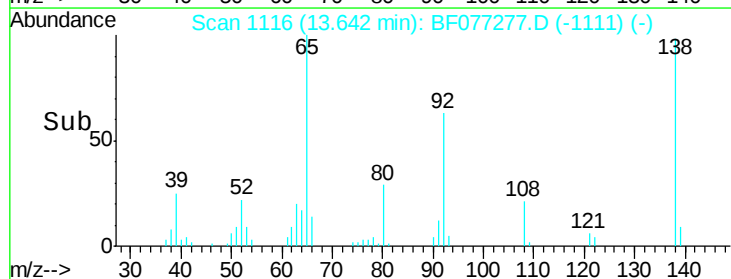
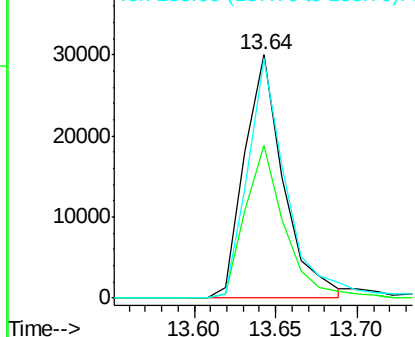


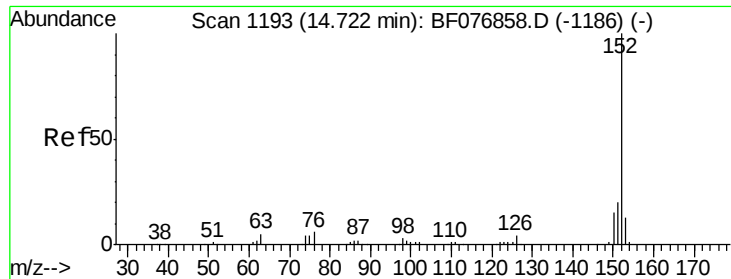
#47
2-Nitroaniline
Concen: 25.85 ng
RT: 13.64 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 65 Resp: 49918
Ion Ratio Lower Upper
65 100
92 62.5 47.3 70.9
138 98.5 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 23.62 ng

RT: 14.23 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

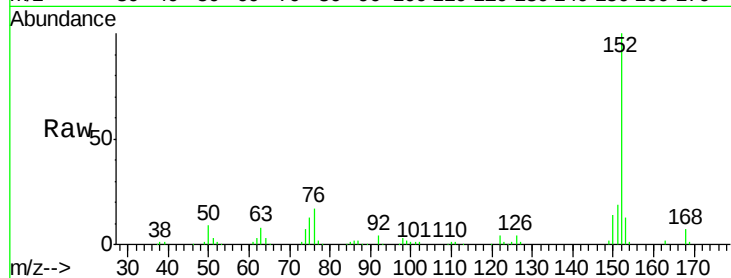
Tgt Ion:152 Resp: 253612

Ion Ratio Lower Upper

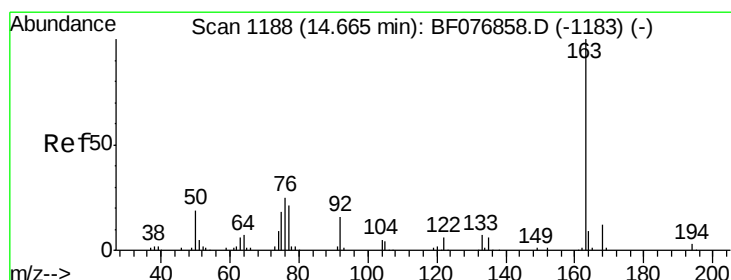
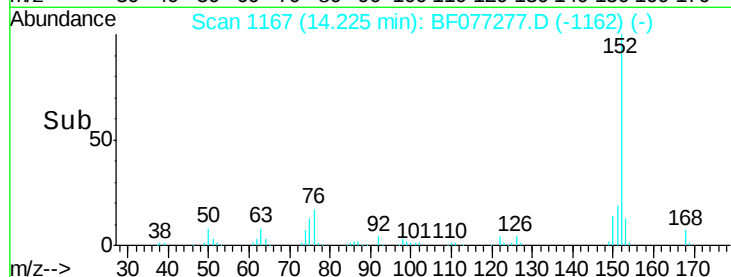
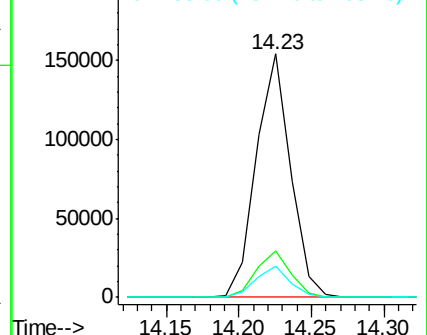
152 100

151 19.3 15.9 23.9

153 13.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 26.92 ng

RT: 14.20 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

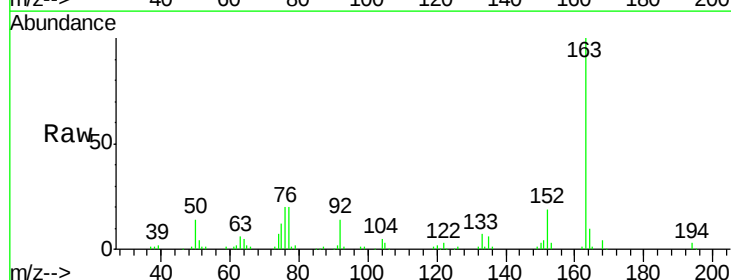
Tgt Ion:163 Resp: 199147

Ion Ratio Lower Upper

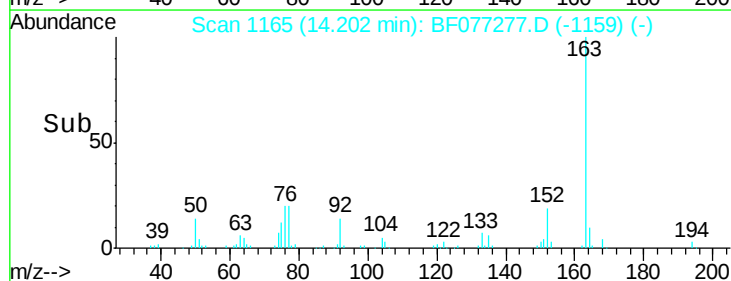
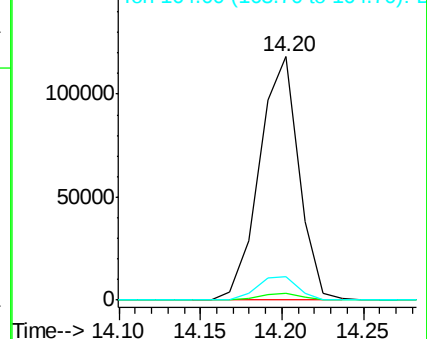
163 100

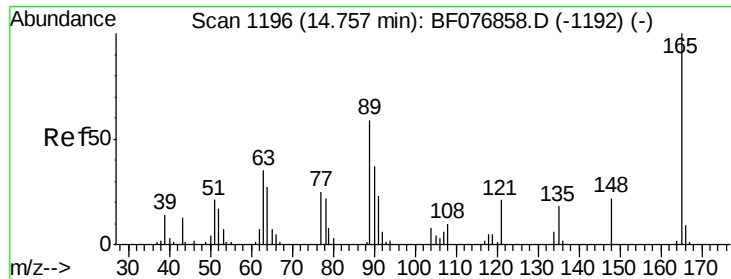
194 3.0 2.6 4.0

164 9.6 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

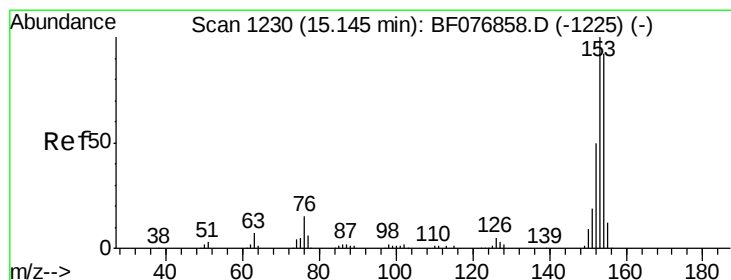
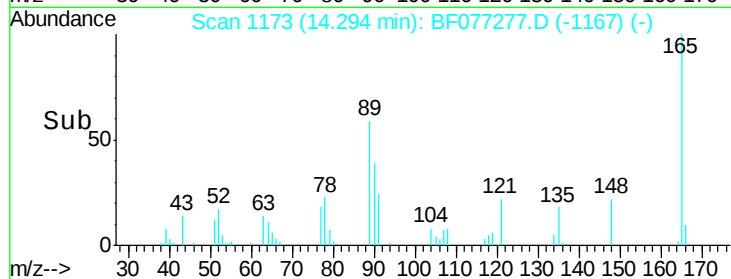
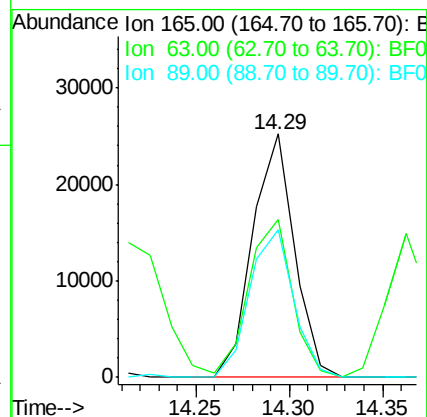
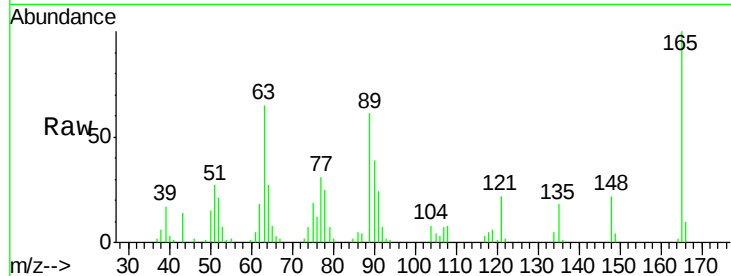




#50
2,6-Dinitrotoluene
Concen: 26.48 ng
RT: 14.29 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

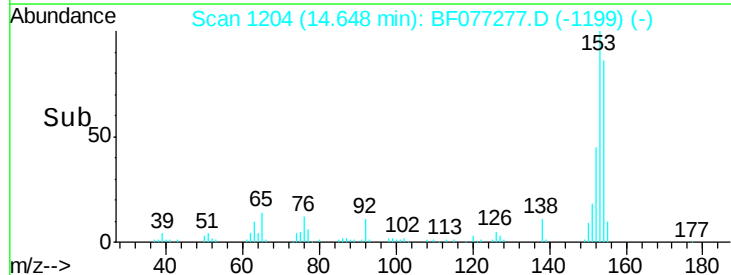
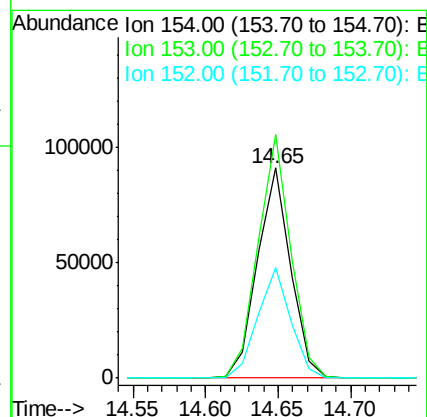
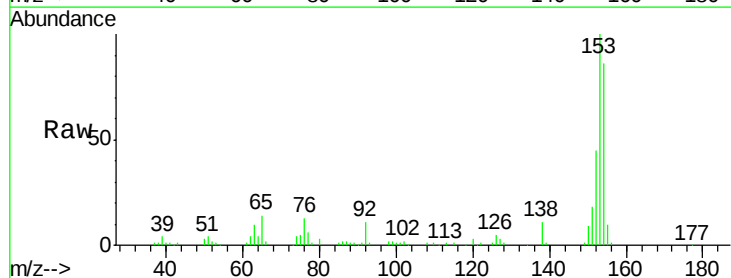
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

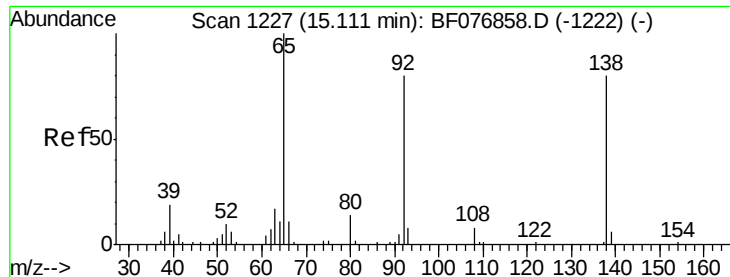
Tgt Ion:165 Resp: 39136
Ion Ratio Lower Upper
165 100
63 64.6 48.1 72.1
89 60.7 47.2 70.8



#51
Acenaphthene
Concen: 23.59 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:154 Resp: 143703
Ion Ratio Lower Upper
154 100
153 116.1 87.0 130.6
152 52.7 43.5 65.3

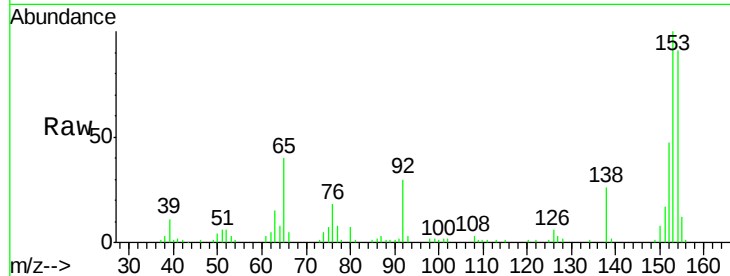




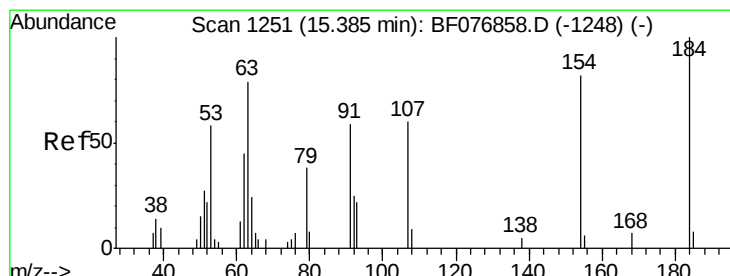
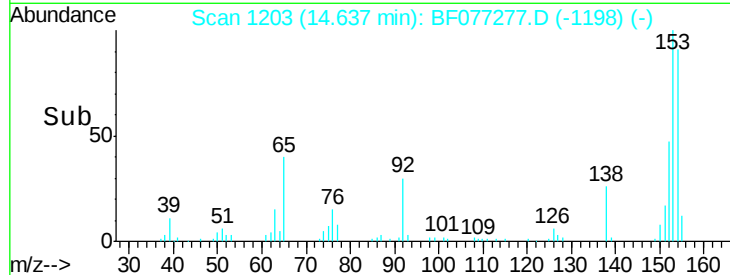
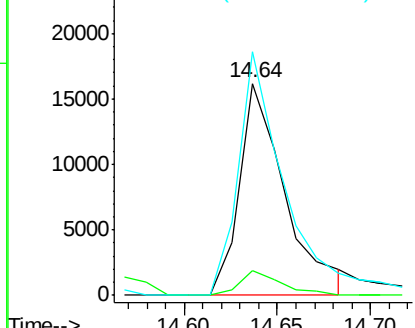
#52
3-Nitroaniline
Concen: 15.58 ng
RT: 14.64 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:138 Resp: 27615
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 115.0 80.9 121.3

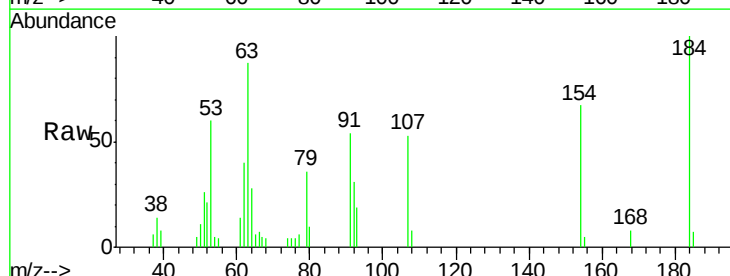


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

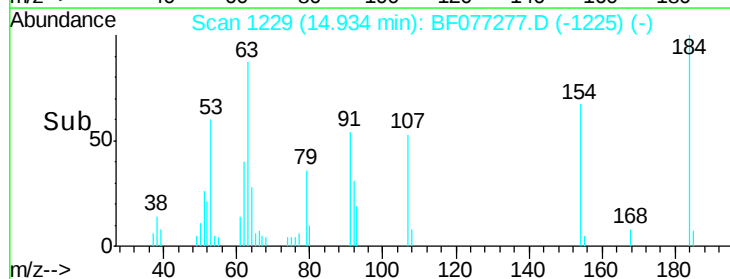
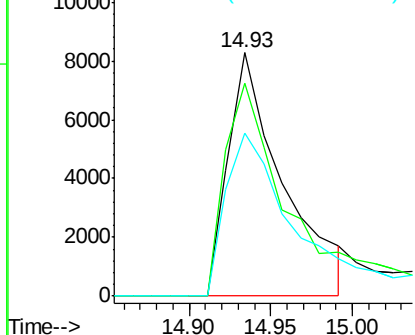


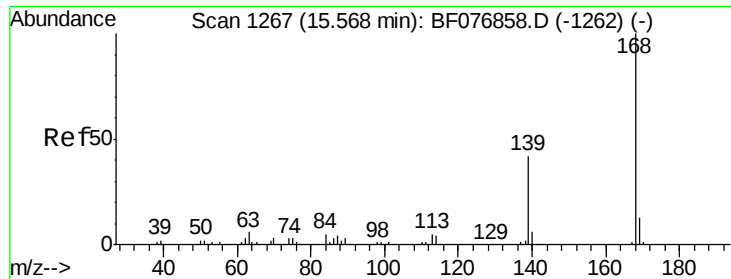
#53
2,4-Dinitrophenol
Concen: 35.58 ng
RT: 14.93 min Scan# 1229
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:184 Resp: 19377
Ion Ratio Lower Upper
184 100
63 87.2 63.0 94.6
154 66.9 65.5 98.3



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

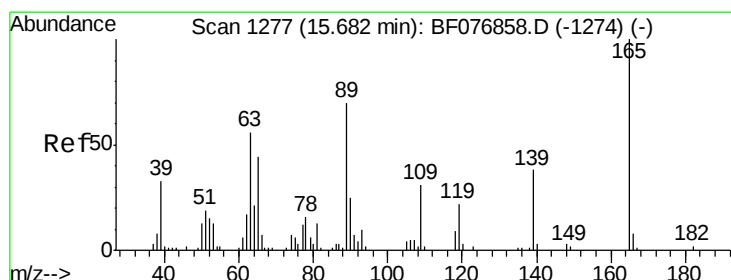
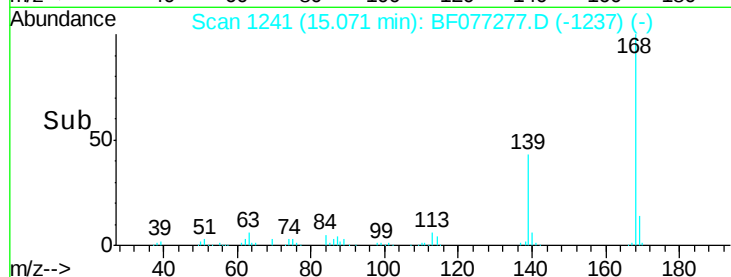
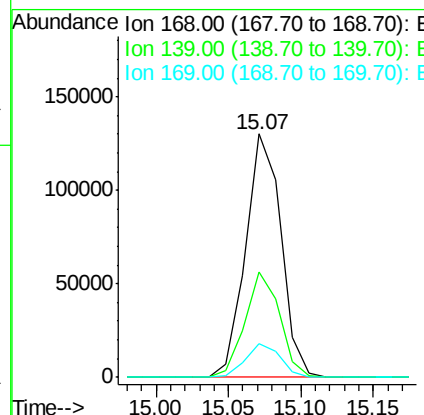
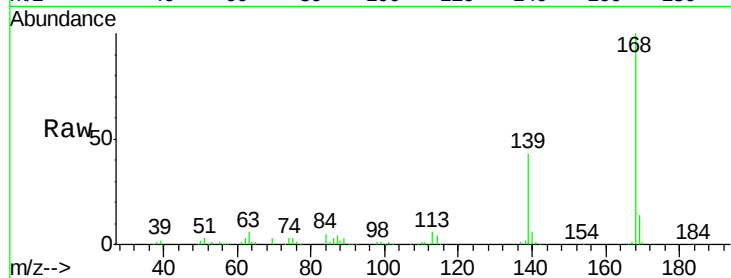




#54
Dibenzenofuran
Concen: 24.84 ng
RT: 15.07 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

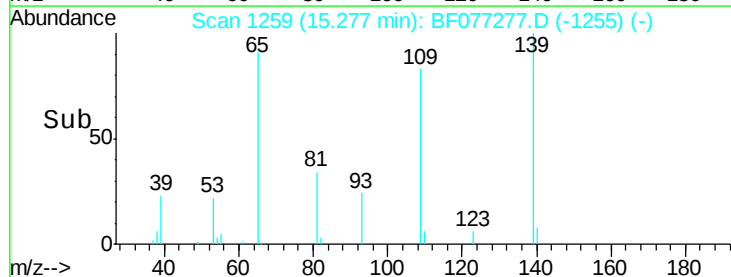
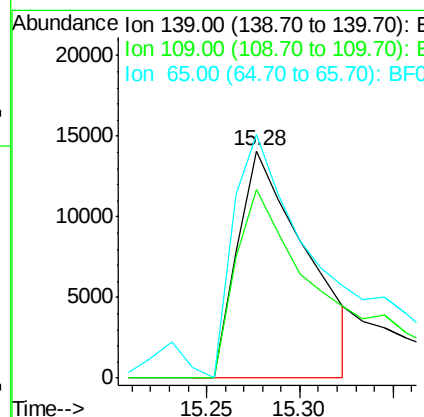
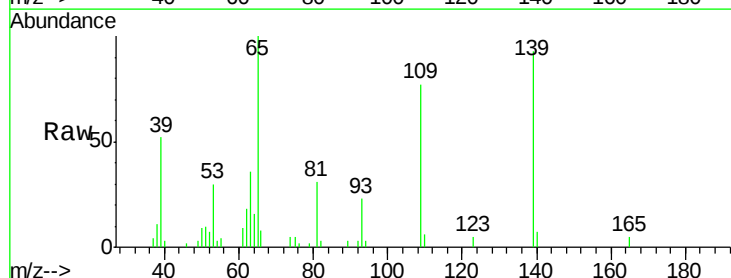
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

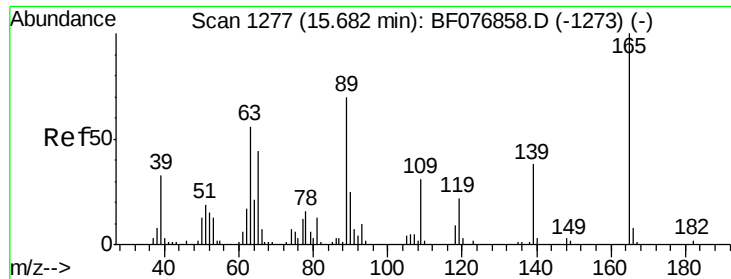
Tgt Ion:168 Resp: 220358
Ion Ratio Lower Upper
168 100
139 43.3 33.4 50.2
169 13.7 10.6 15.8



#55
4-Nitrophenol
Concen: 31.08 ng
RT: 15.28 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:139 Resp: 36044
Ion Ratio Lower Upper
139 100
109 82.7 61.0 101.0
65 107.0 96.6 136.6

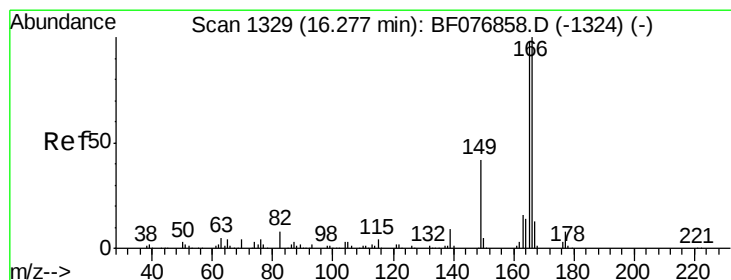
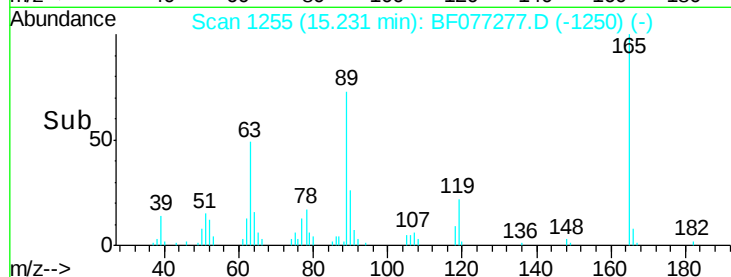
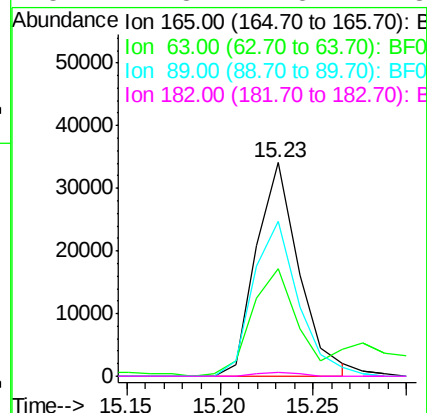
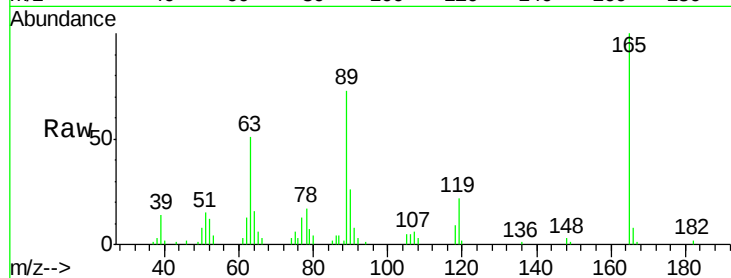




#56
2,4-Dinitrotoluene
Concen: 25.65 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

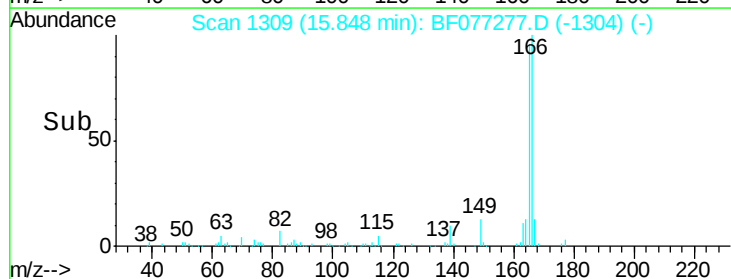
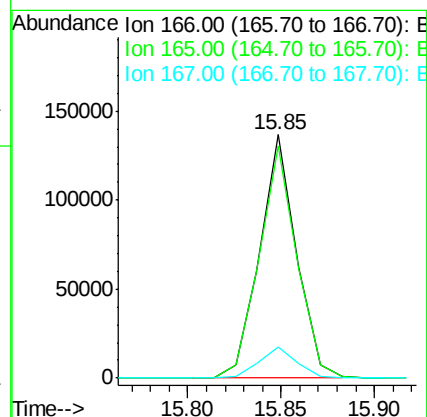
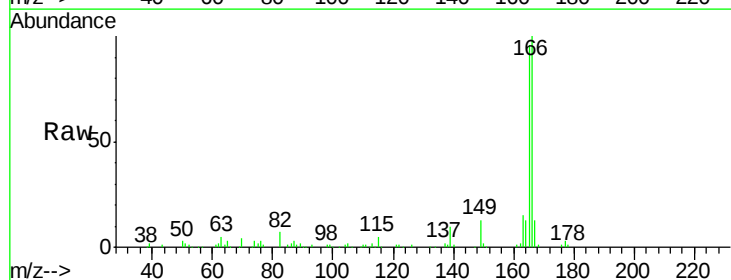
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

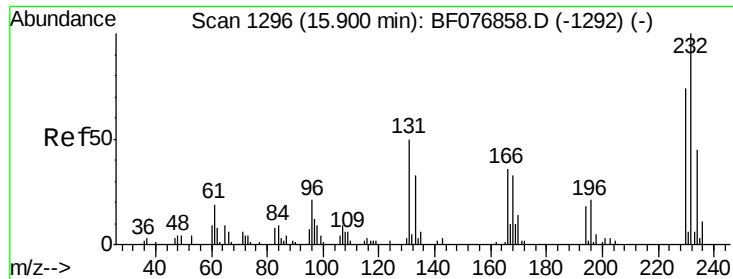
Tgt Ion:	165	Resp:	54565
Ion	Ratio	Lower	Upper
165	100		
63	50.6	44.8	67.2
89	72.8	56.2	84.2
182	1.8	1.5	2.3



#57
Fluorene
Concen: 24.97 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:	166	Resp:	187720
Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.5	117.7
167	13.0	10.4	15.6

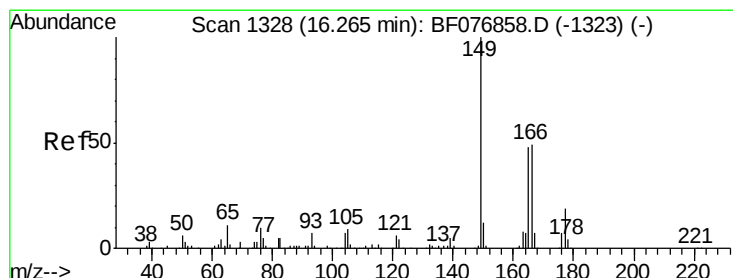
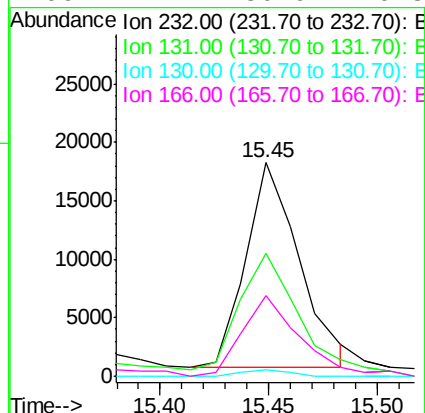
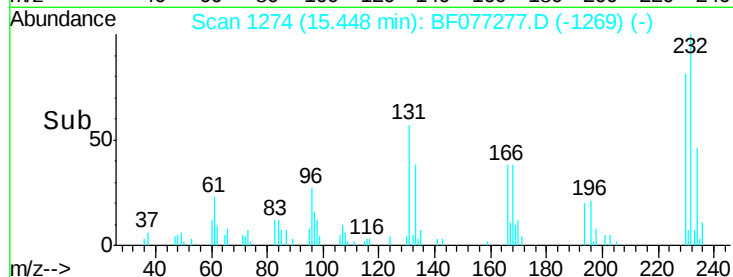
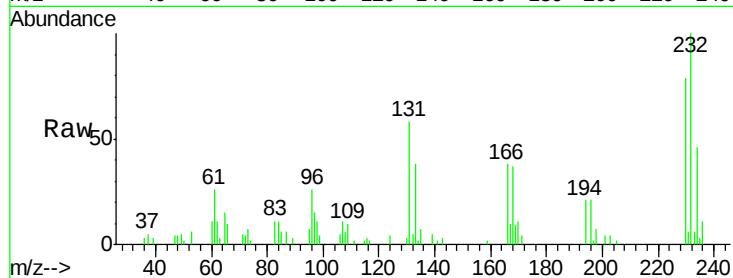




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.51 ng
 RT: 15.45 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

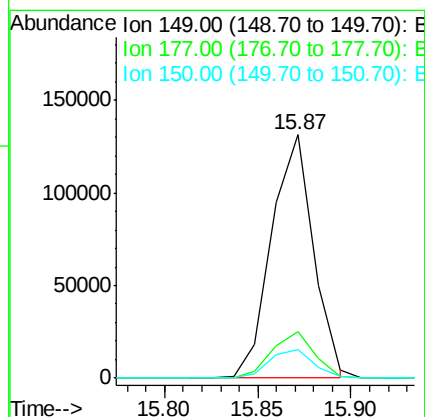
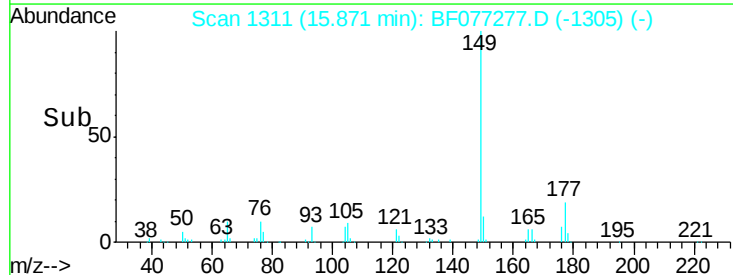
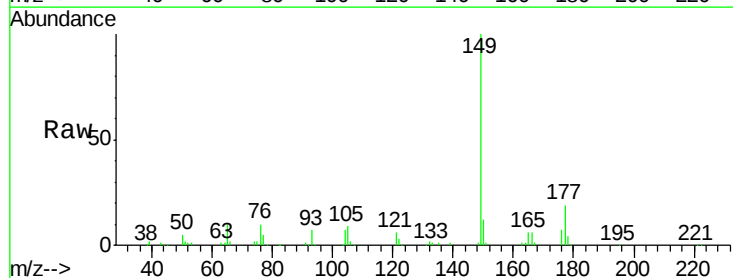
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

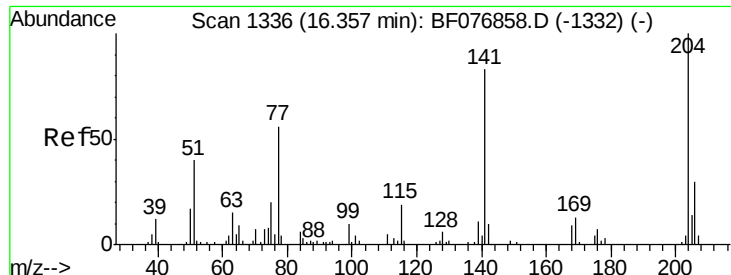
Tgt Ion:	232	Resp:	30022
Ion	Ratio	Lower	Upper
232	100		
131	59.6	45.0	67.6
130	2.9	2.6	3.8
166	41.2	30.9	46.3



#59
 Diethylphthalate
 Concen: 27.56 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion:	149	Resp:	206104
Ion	Ratio	Lower	Upper
149	100		
177	18.9	15.0	22.6
150	11.9	9.4	14.0

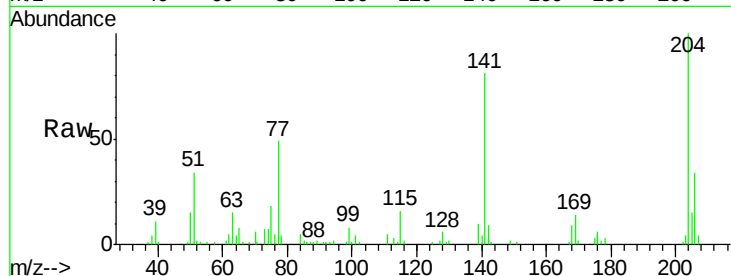




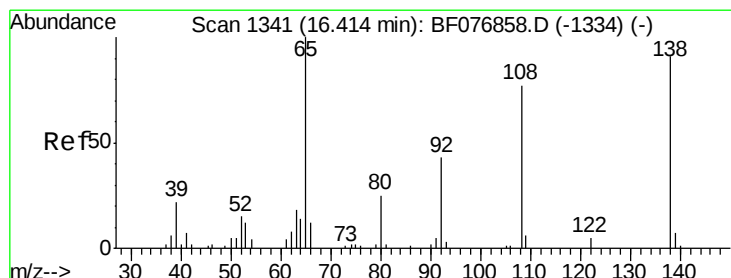
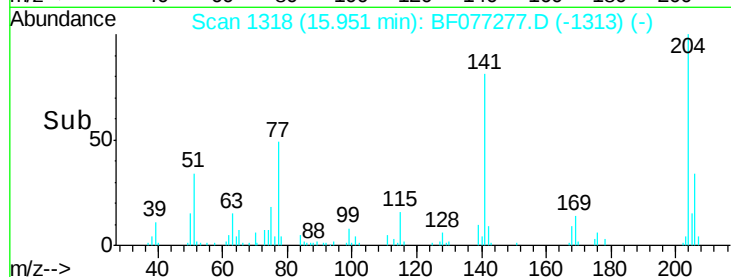
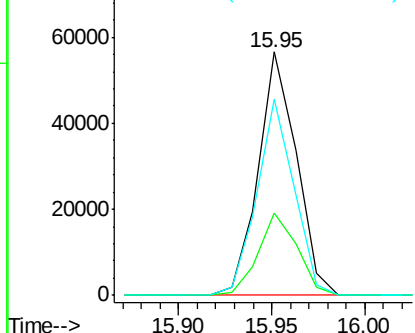
#60
4-Chlorophenyl-phenylether
Concen: 26.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion: 204 Resp: 79973
Ion Ratio Lower Upper
204 100
206 33.8 24.2 36.2
141 80.6 66.7 100.1

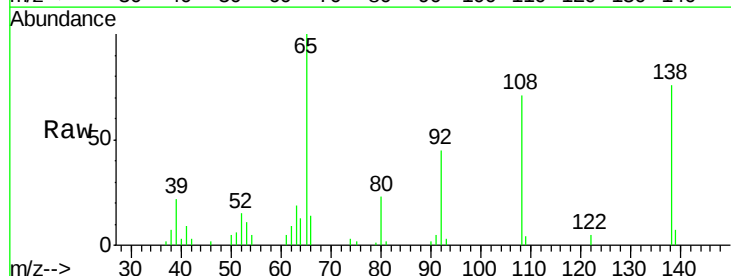


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

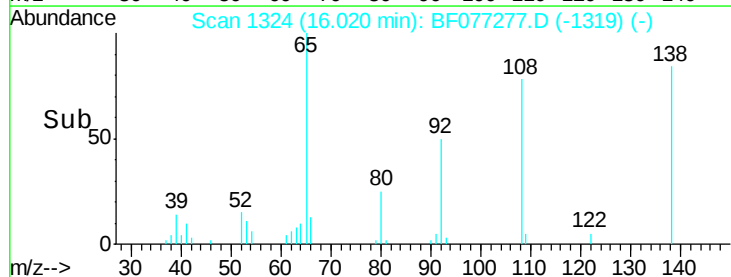
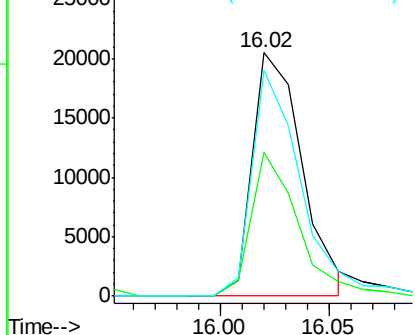


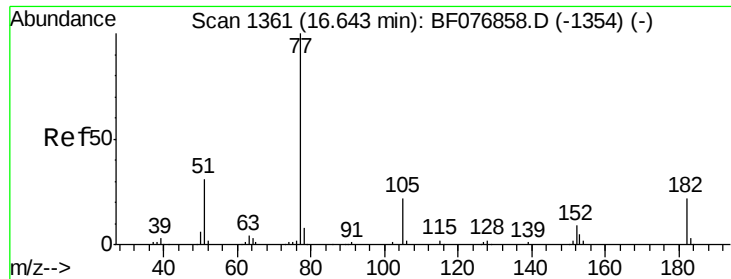
#61
4-Nitroaniline
Concen: 18.48 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 138 Resp: 32746
Ion Ratio Lower Upper
138 100
92 59.2 26.7 66.7
108 92.7 64.5 104.5



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





#62

Azobenzene

Concen: 26.66 ng

RT: 16.25 min Scan# 1344

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

Tgt Ion: 77 Resp: 207730

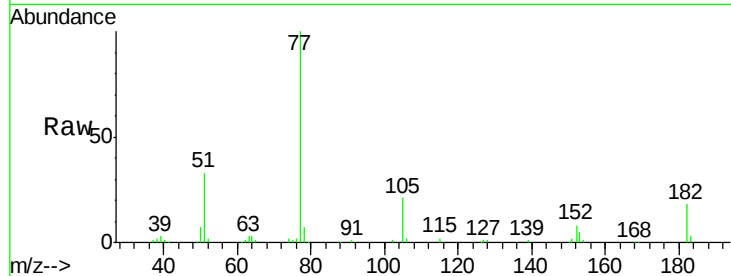
Ion Ratio Lower Upper

77 100

182 18.4 2.0 42.0

105 21.2 2.3 42.3

51 32.8 10.7 50.7

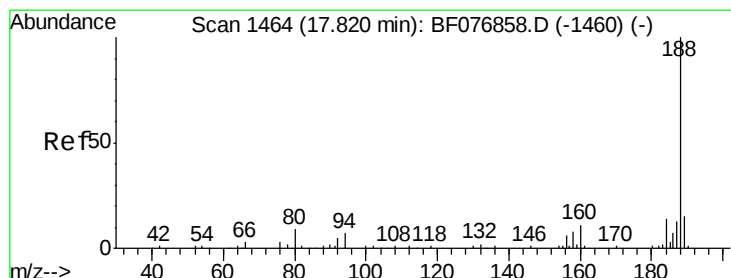
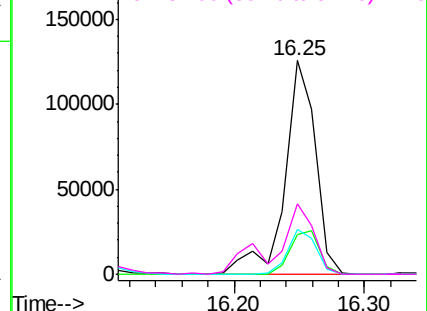
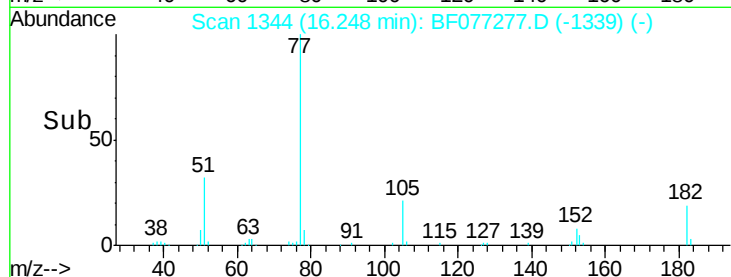


Abundance Ion 77.00 (76.70 to 77.70): BF077277.D (-1339) (-)

Ion 182.00 (181.70 to 182.70): BF077277.D (-1339) (-)

Ion 105.00 (104.70 to 105.70): BF077277.D (-1339) (-)

Ion 51.00 (50.70 to 51.70): BF077277.D (-1339) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 1451

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

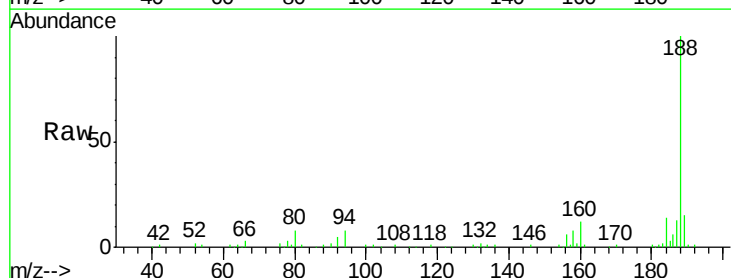
Tgt Ion: 188 Resp: 168200

Ion Ratio Lower Upper

188 100

94 7.9 6.0 9.0

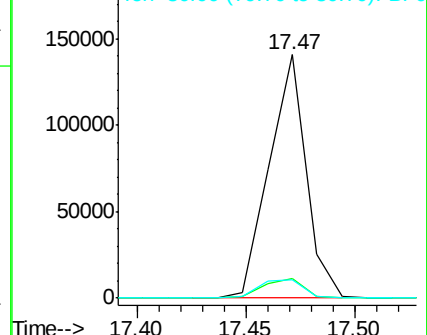
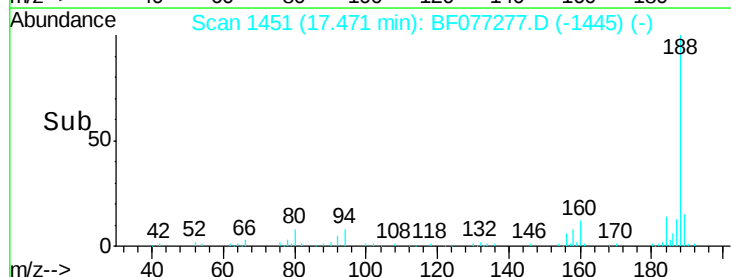
80 7.7 6.9 10.3

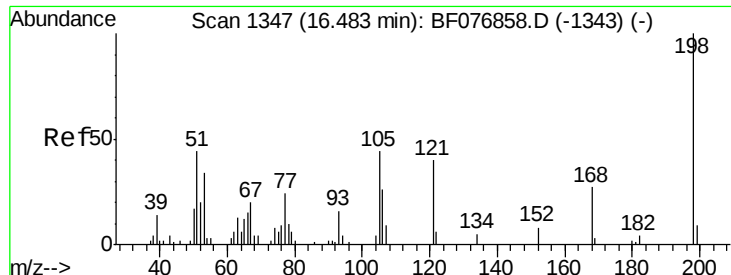


Abundance Ion 188.00 (187.70 to 188.70): BF077277.D (-1445) (-)

Ion 94.00 (93.70 to 94.70): BF077277.D (-1445) (-)

Ion 80.00 (79.70 to 80.70): BF077277.D (-1445) (-)

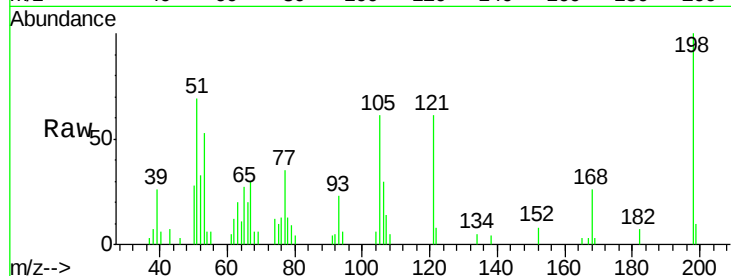




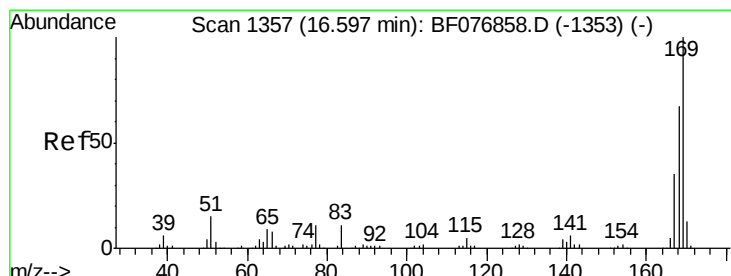
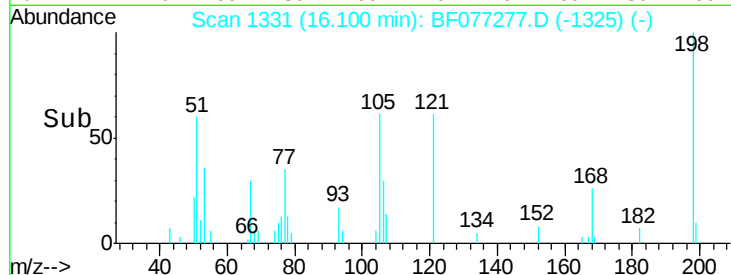
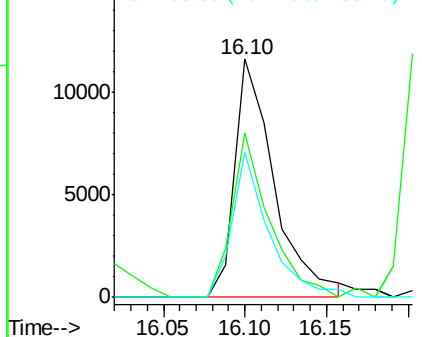
#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.11 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion:198 Resp: 19505
 Ion Ratio Lower Upper
 198 100
 51 69.1 24.2 64.2#
 105 61.0 24.0 64.0

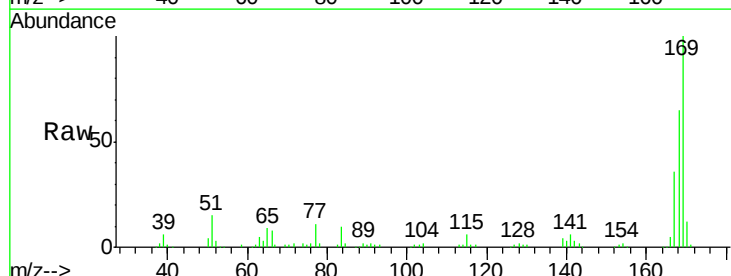


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

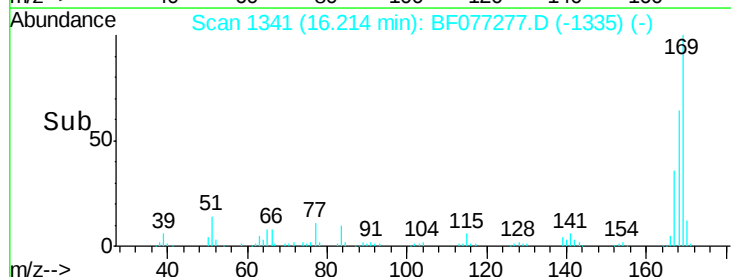
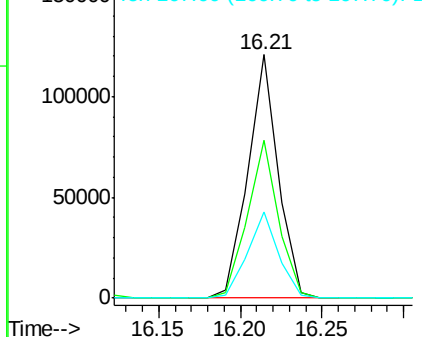


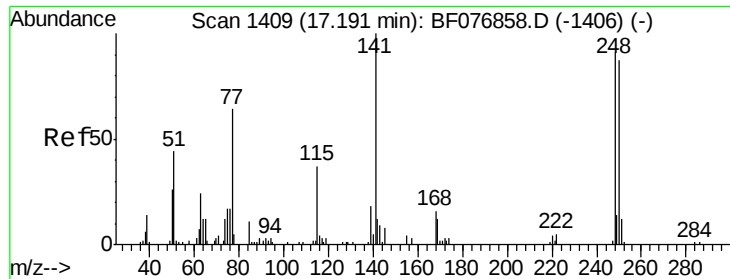
#65
 n-Nitrosodiphenylamine
 Concen: 25.93 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion:169 Resp: 155494
 Ion Ratio Lower Upper
 169 100
 168 64.6 53.8 80.6
 167 35.7 27.8 41.6



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

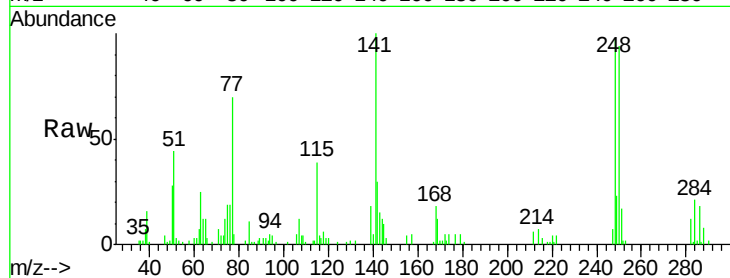




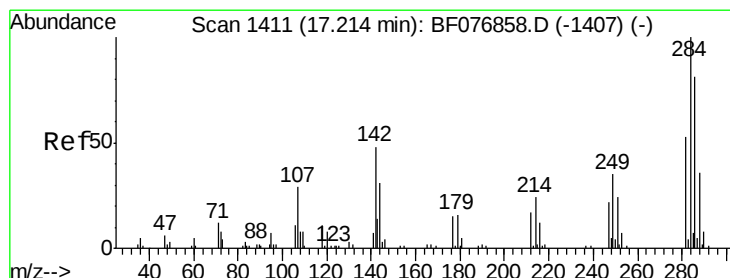
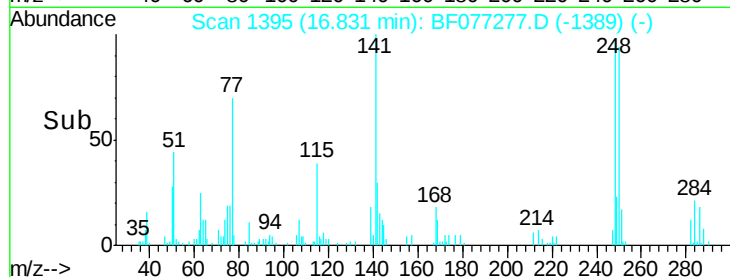
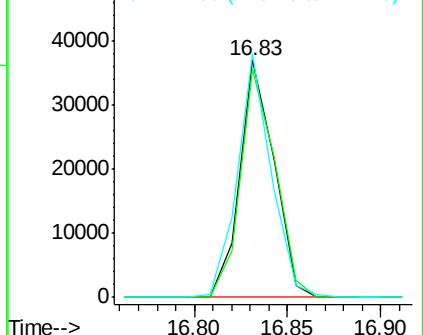
#66
4-Bromophenyl-phenylether
Concen: 27.73 ng
RT: 16.83 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion:248 Resp: 47248
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 102.7 88.2 132.4

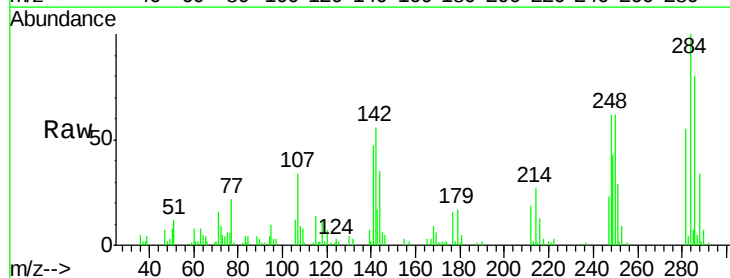


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

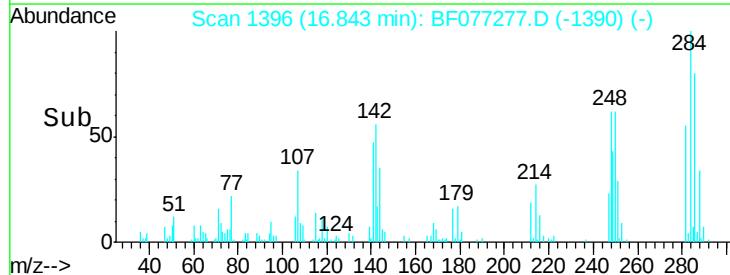
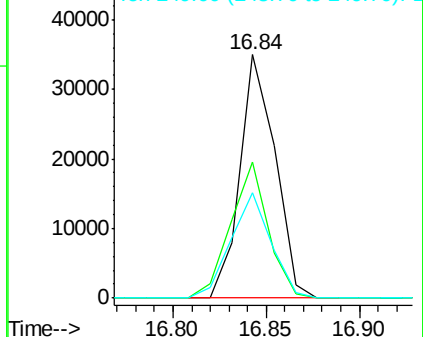


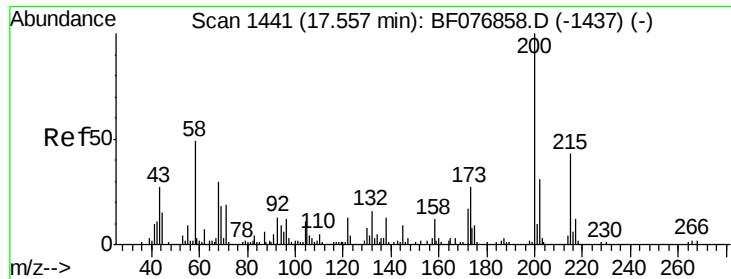
#67
Hexachlorobenzene
Concen: 25.47 ng
RT: 16.84 min Scan# 1396
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:284 Resp: 45732
Ion Ratio Lower Upper
284 100
142 55.7 38.2 57.4
249 43.3 28.2 42.2#



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





#68

Atrazine

Concen: 27.64 ng

RT: 17.23 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

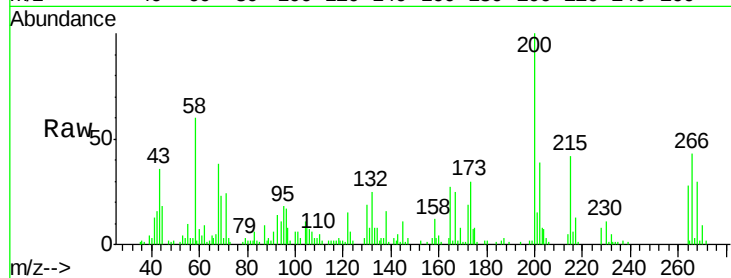
Tgt Ion:200 Resp: 50300

Ion Ratio Lower Upper

200 100

173 29.5 6.6 46.6

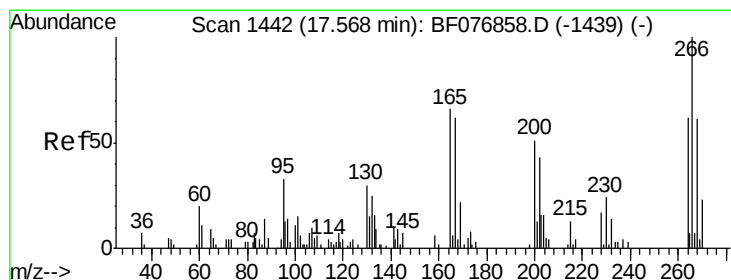
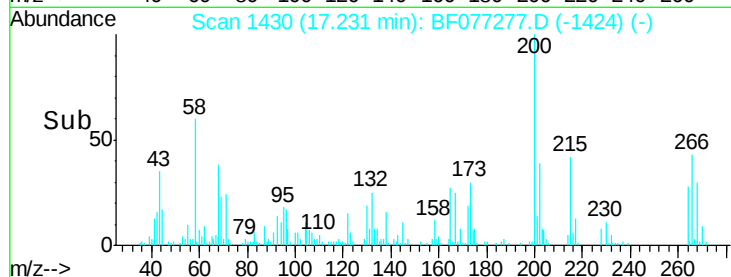
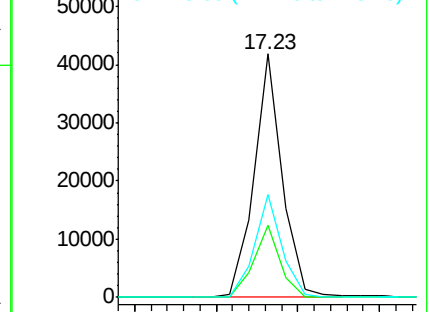
215 42.0 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 36.67 ng

RT: 17.23 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

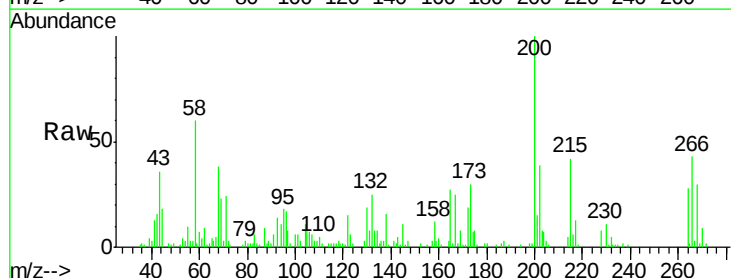
Tgt Ion:266 Resp: 26828

Ion Ratio Lower Upper

266 100

268 70.2 48.6 72.8

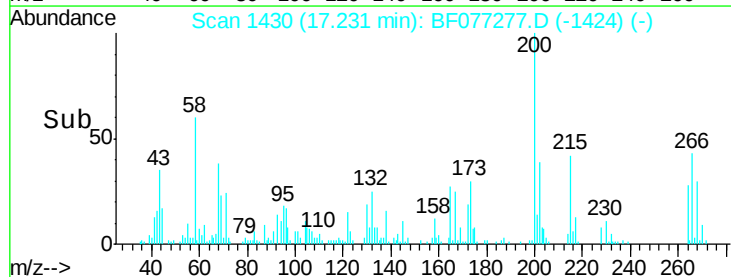
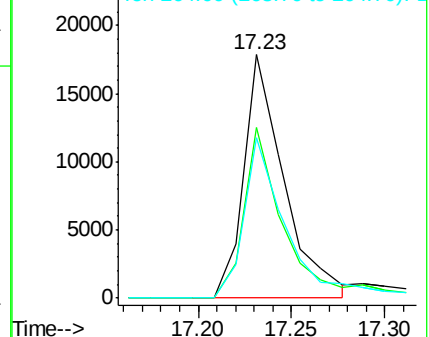
264 65.6 49.5 74.3

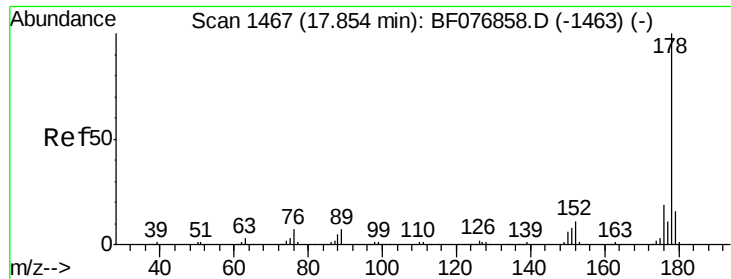


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

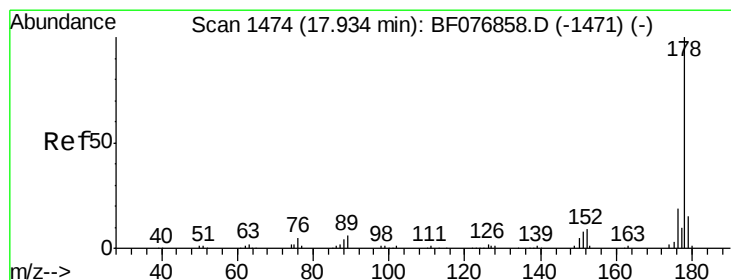
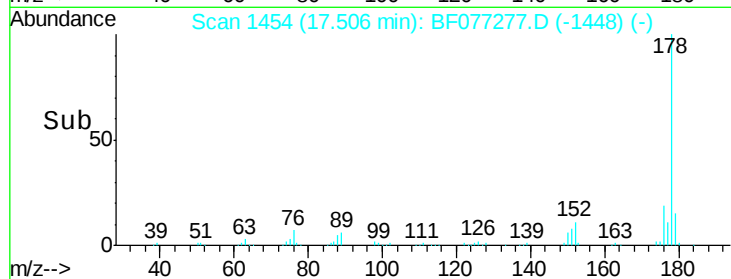
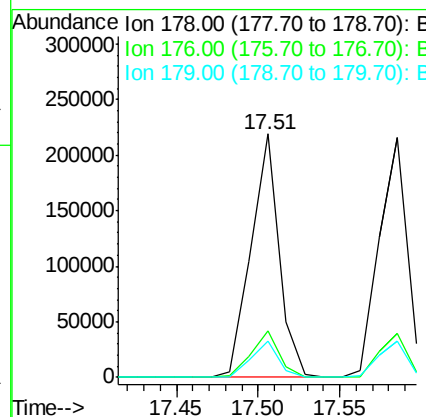
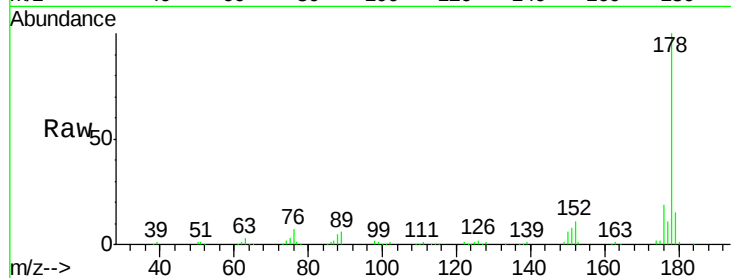




#70
Phenanthrene
Concen: 24.92 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

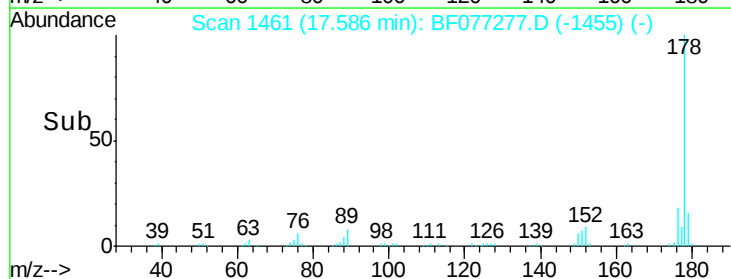
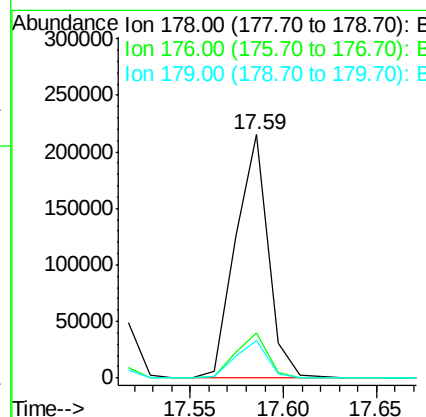
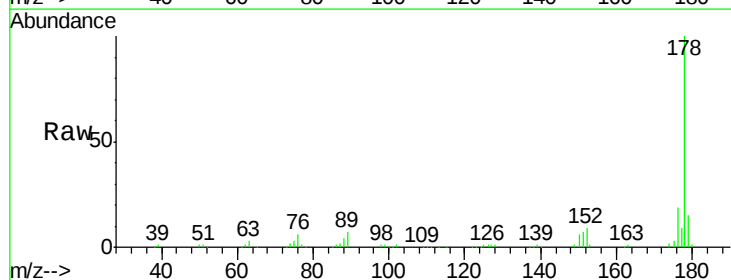
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

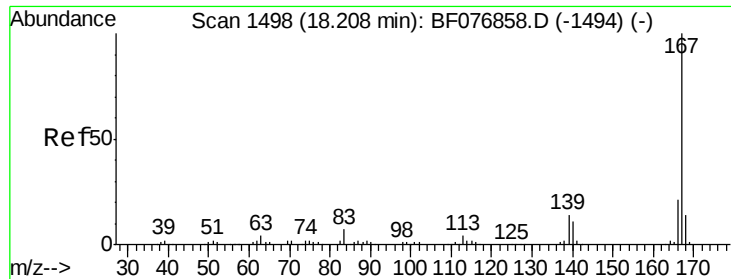
Tgt Ion:178 Resp: 261388
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.0 12.7 19.1



#71
Anthracene
Concen: 25.67 ng
RT: 17.59 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:178 Resp: 262598
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.2 11.9 17.9





#72

Carbazole

Concen: 24.45 ng

RT: 17.88 min Scan# 1487

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

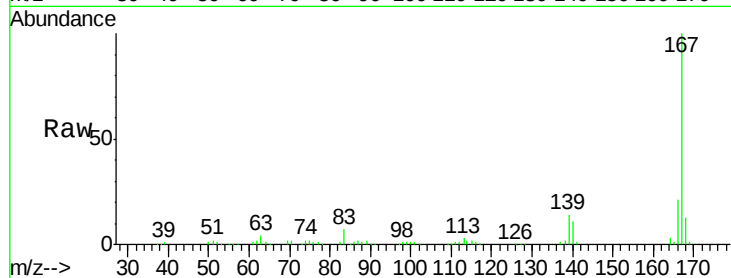
Tgt Ion:167 Resp: 242575

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

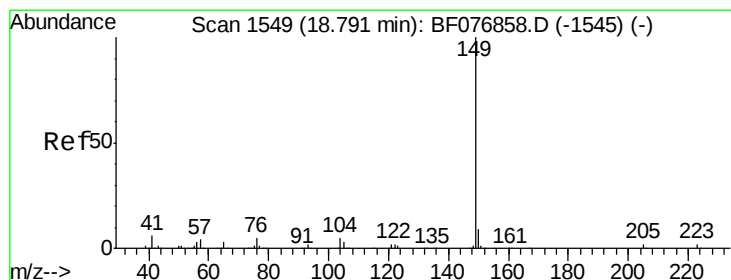
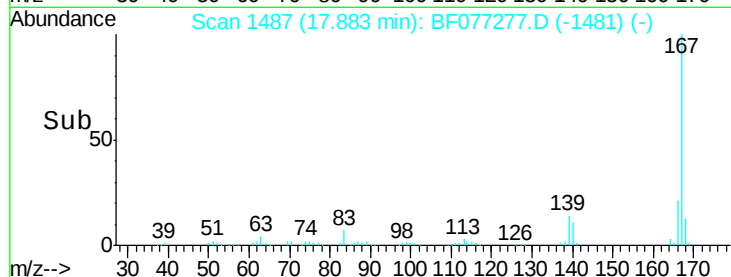
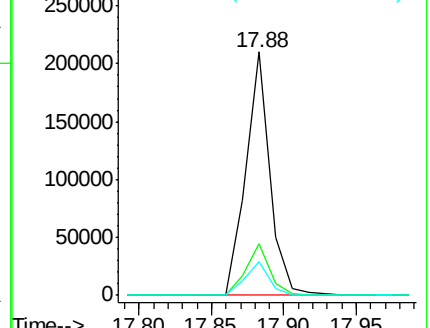
139 13.6 11.3 16.9



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: 29.22 ng

RT: 18.49 min Scan# 1540

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

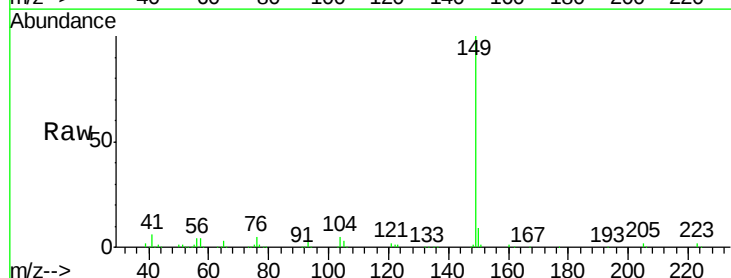
Tgt Ion:149 Resp: 335496

Ion Ratio Lower Upper

149 100

150 8.6 6.9 10.3

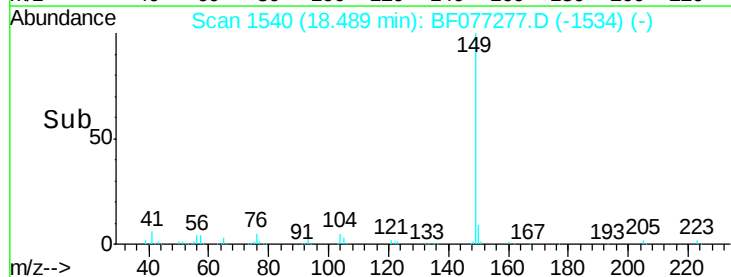
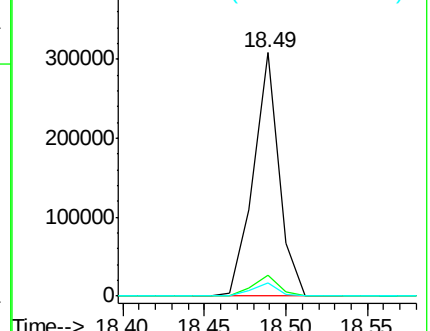
104 5.3 3.7 5.5

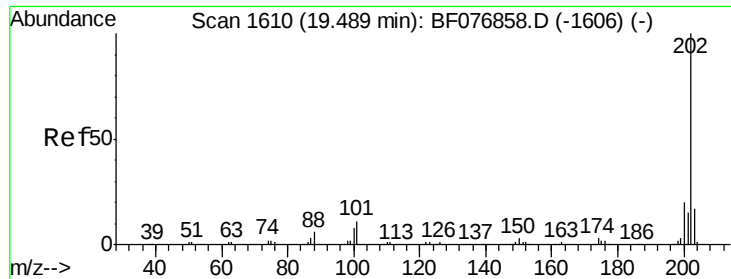


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

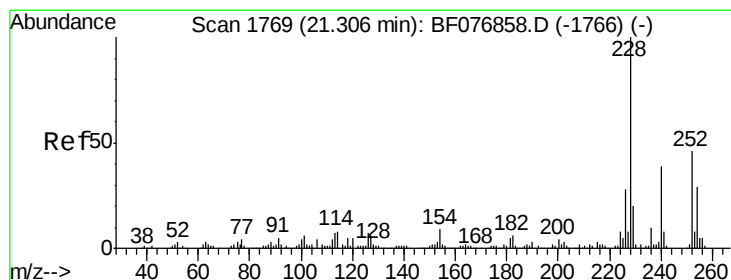
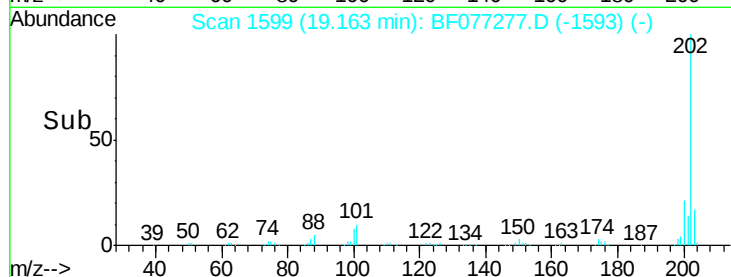
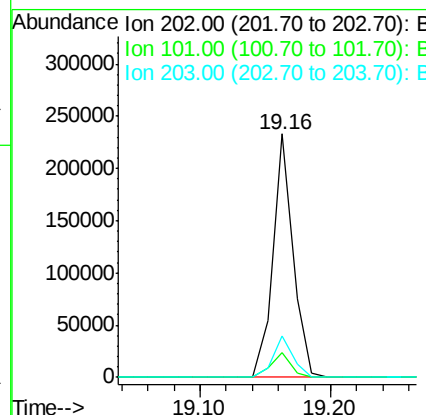
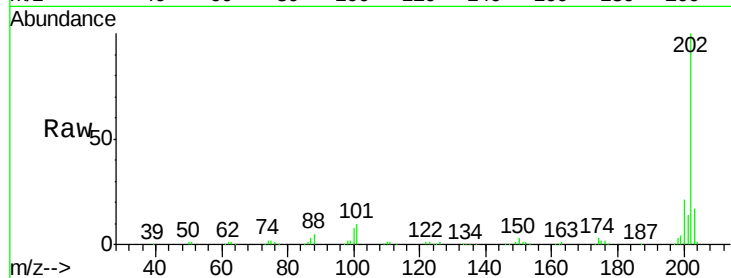




#74
 Fluoranthene
 Concen: 23.56 ng
 RT: 19.16 min Scan# 1599
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

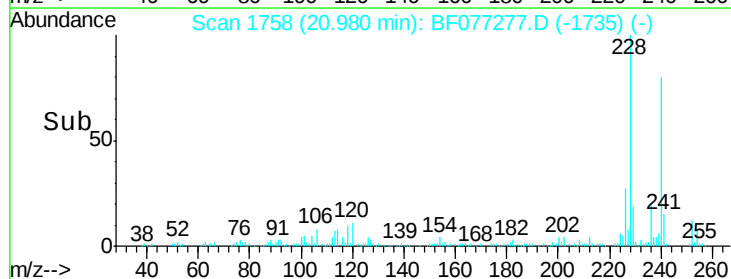
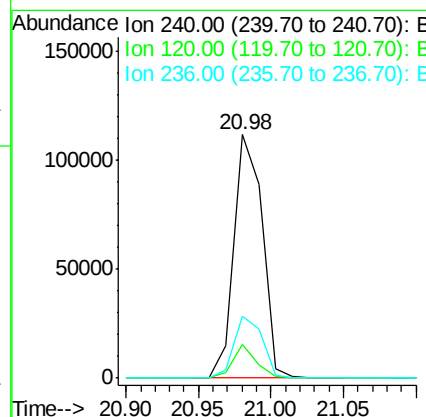
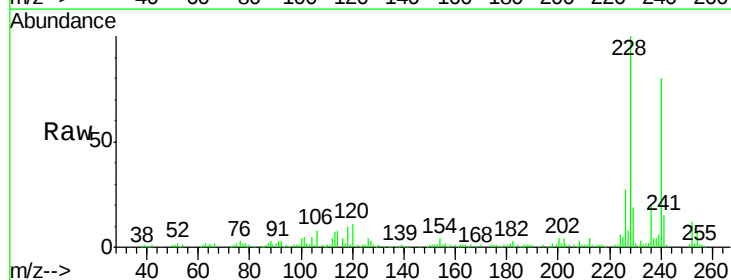
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

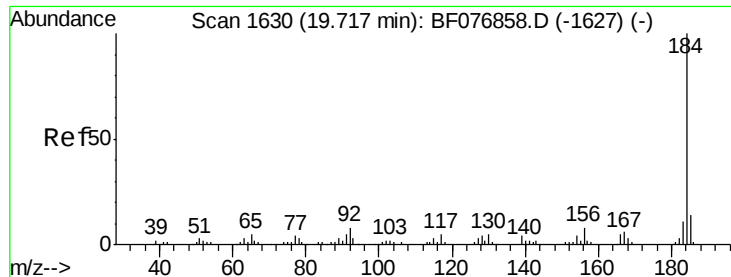
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	253263		
101	10.1	0.0	30.7	
203	16.9	0.0	36.9	



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.98 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	151730		
120	13.6	10.4	15.6	
236	25.3	20.2	30.2	





#76

Benzidine

Concen: 20.75 ng

RT: 19.41 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

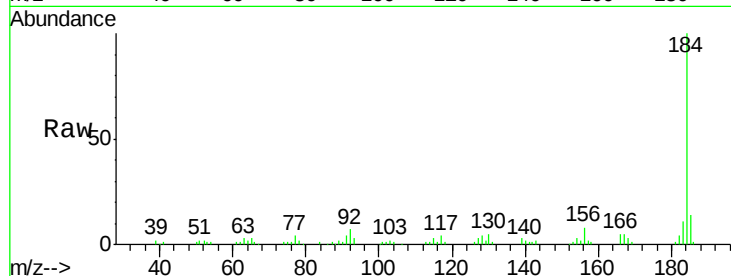
Tgt Ion:184 Resp: 100766

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

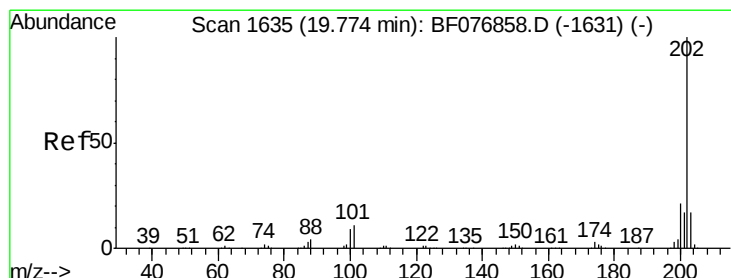
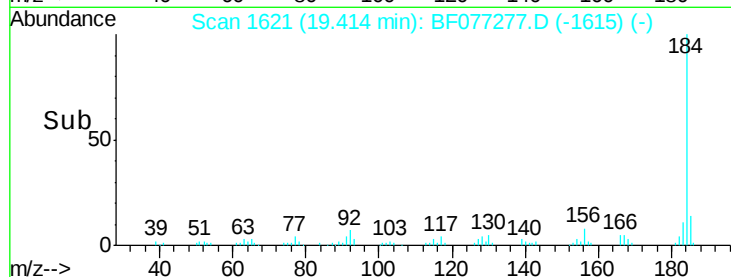
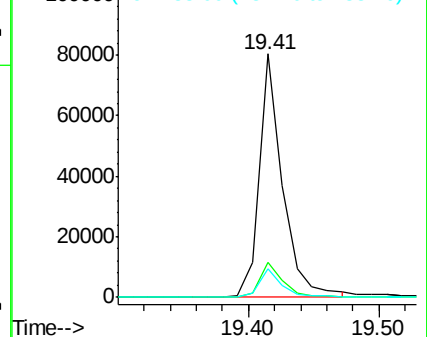
183 11.5 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 25.41 ng

RT: 19.45 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

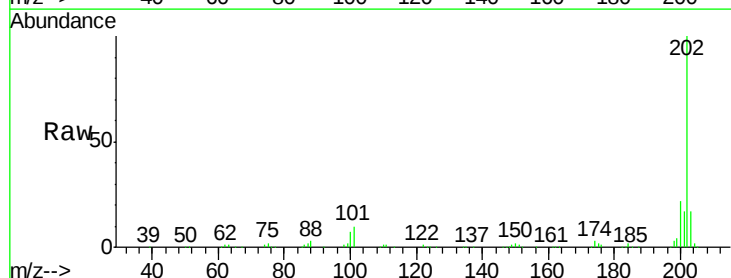
Tgt Ion:202 Resp: 264195

Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

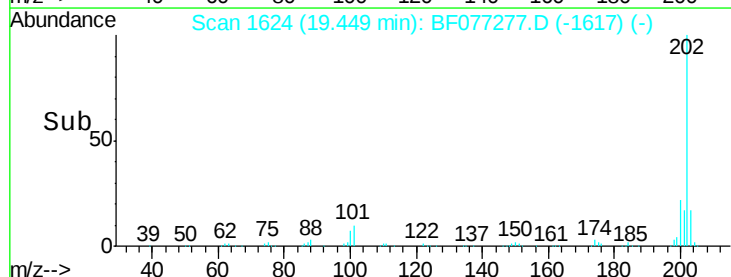
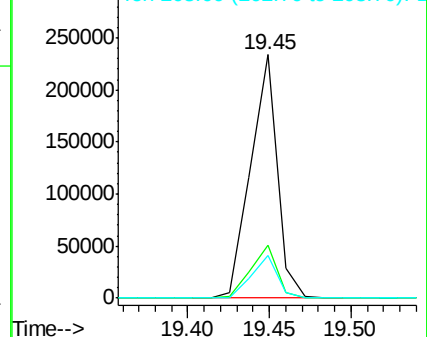
203 17.5 14.0 21.0

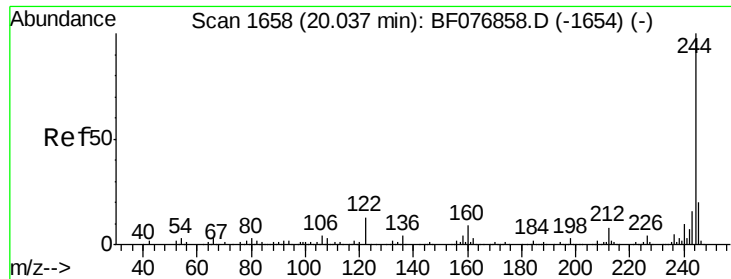


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

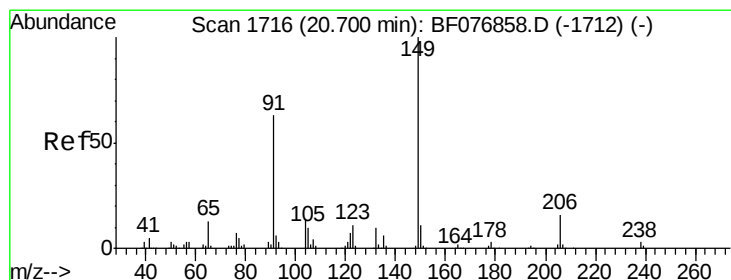
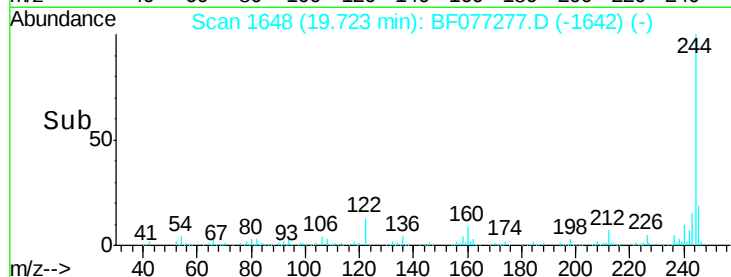
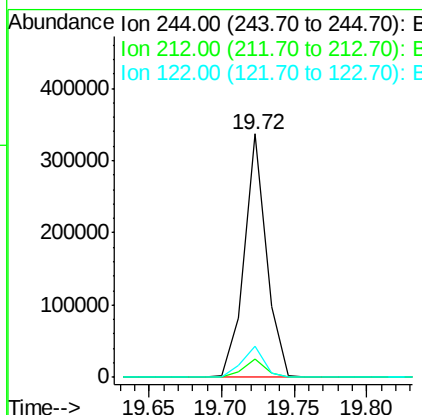
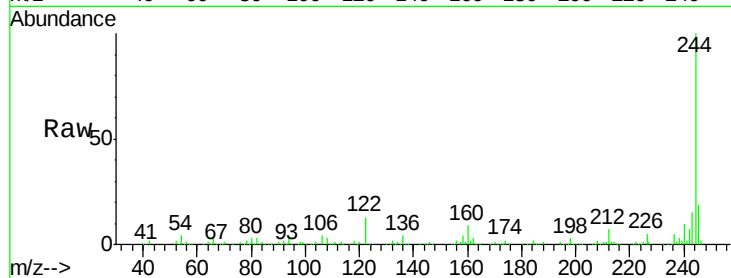




#78
 Terphenyl-d14
 Concen: 54.24 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

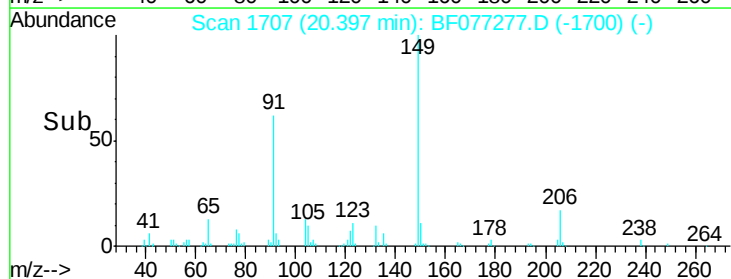
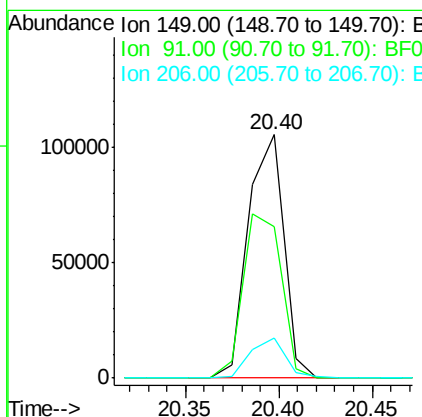
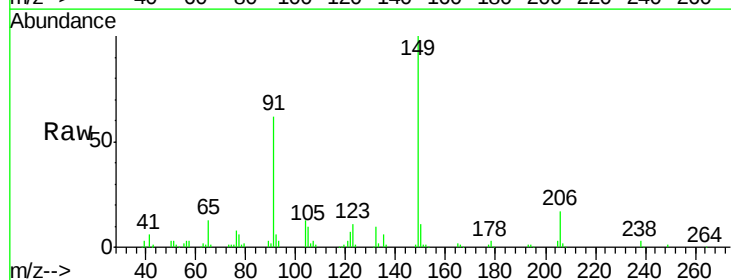
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

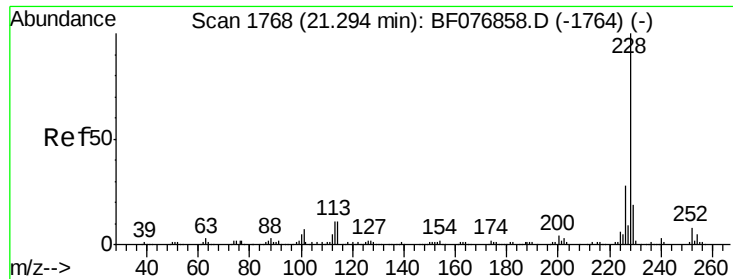
Tgt Ion:244 Resp: 357468
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.7 10.1 15.1



#79
 Butylbenzylphthalate
 Concen: 29.68 ng
 RT: 20.40 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion:149 Resp: 139772
 Ion Ratio Lower Upper
 149 100
 91 62.0 50.6 76.0
 206 16.6 12.8 19.2





#80

Benzo(a)anthracene

Concen: 24.81 ng

RT: 20.97 min Scan# 1757

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

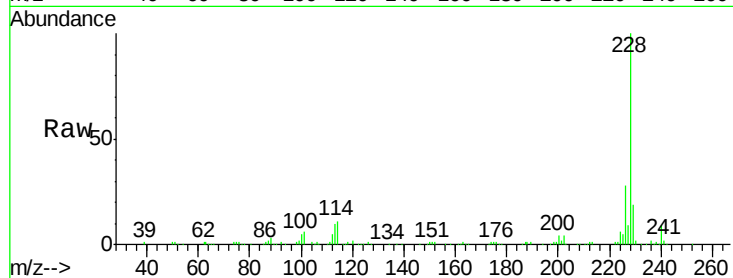
Tgt Ion: 228 Resp: 236222

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

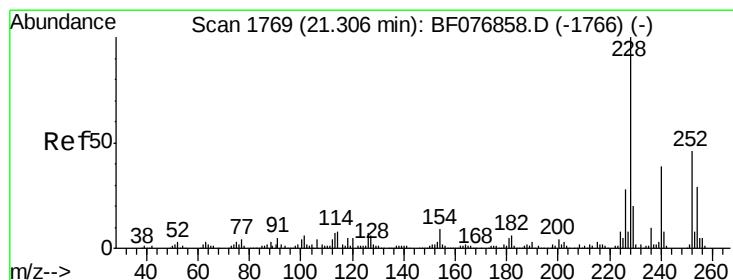
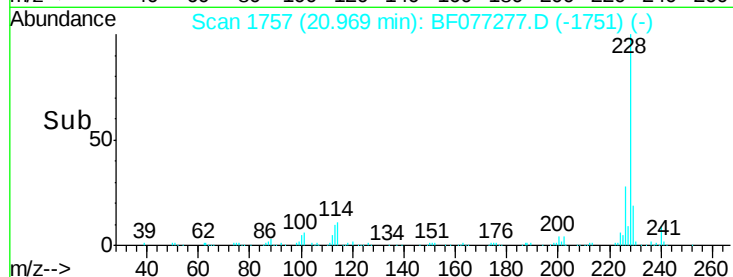
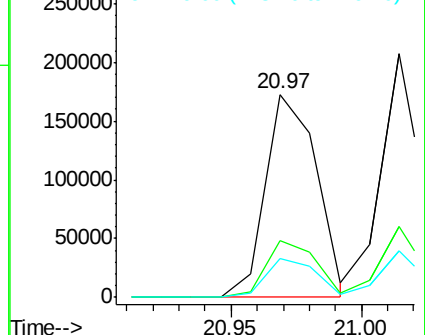
229 19.2 15.5 23.3



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



#81

3,3'-Dichlorobenzidine

Concen: 21.15 ng

RT: 20.99 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

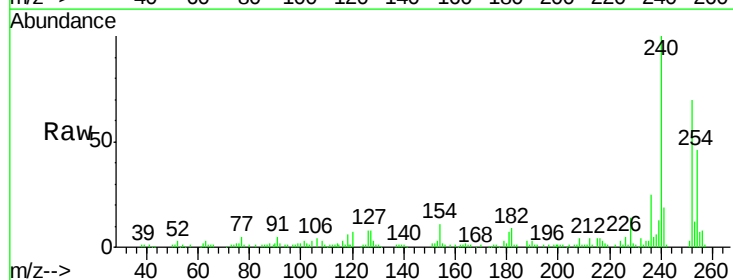
Tgt Ion: 252 Resp: 63991

Ion Ratio Lower Upper

252 100

254 65.5 50.2 75.4

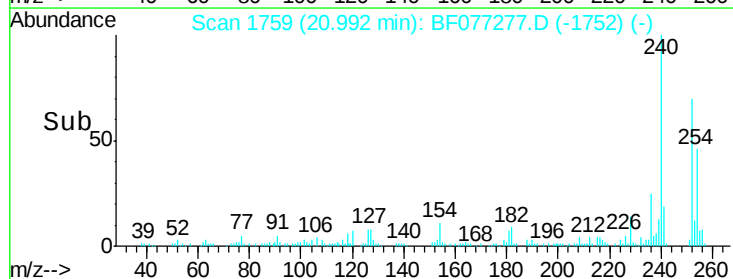
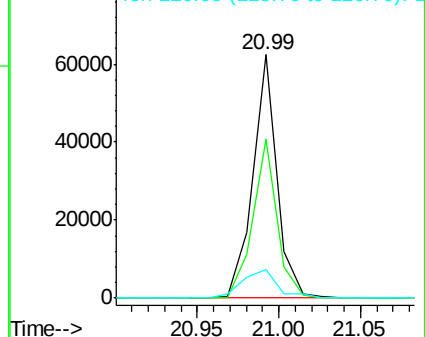
126 11.6 11.5 17.3

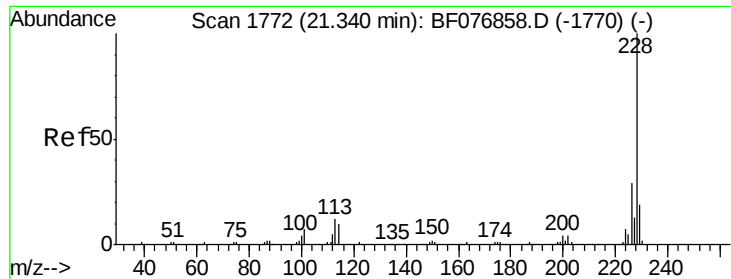


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 25.57 ng

RT: 21.01 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD

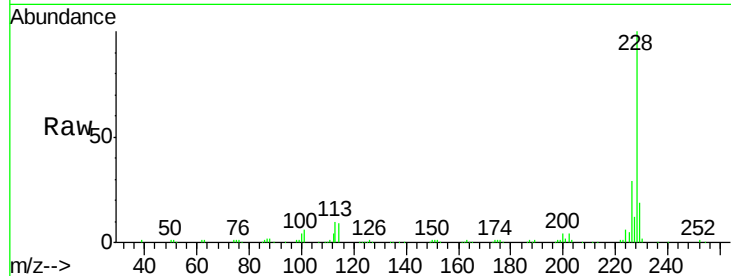
Tgt Ion:228 Resp: 222019

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

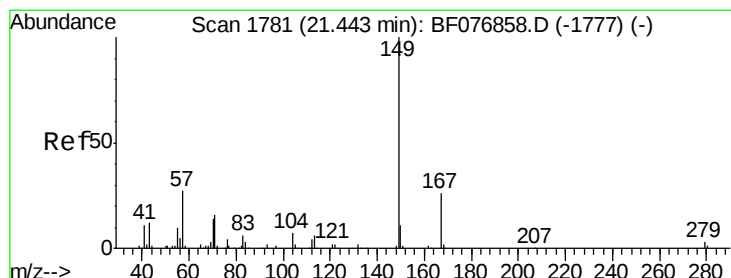
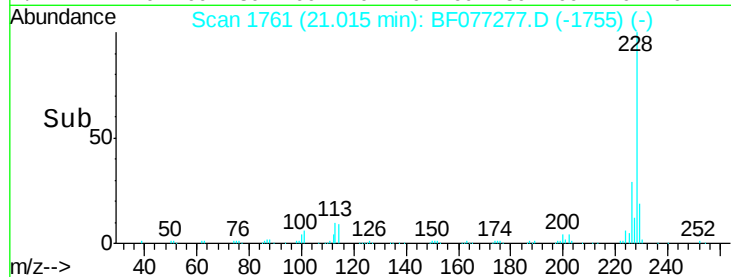
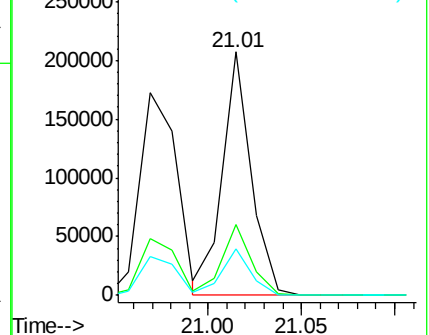
229 19.3 15.4 23.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.97 ng

RT: 21.14 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

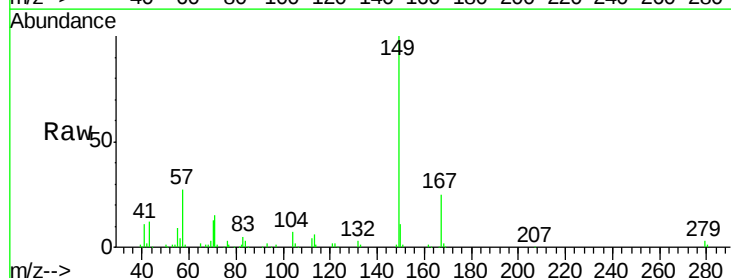
Tgt Ion:149 Resp: 208321

Ion Ratio Lower Upper

149 100

167 24.9 20.6 30.8

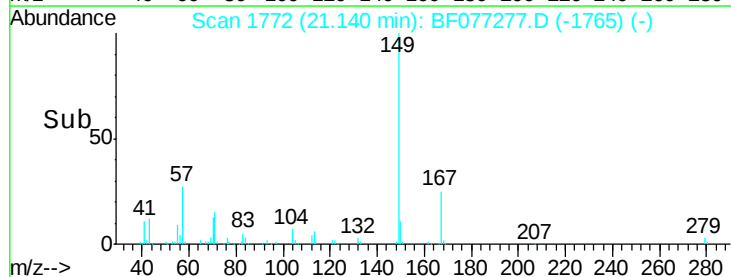
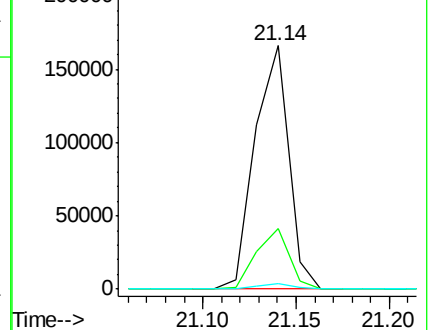
279 2.5 2.2 3.2

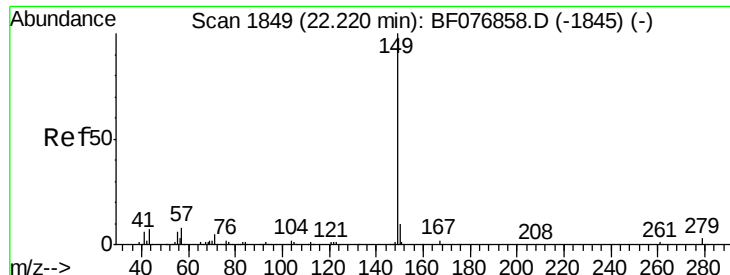


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

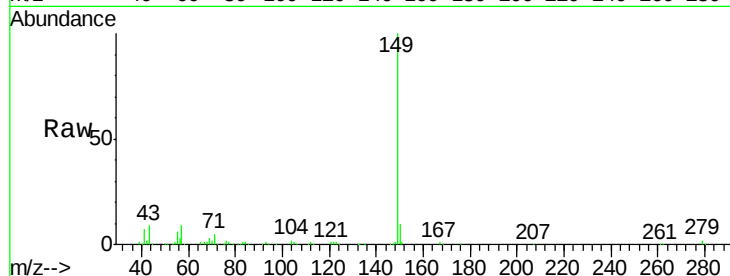




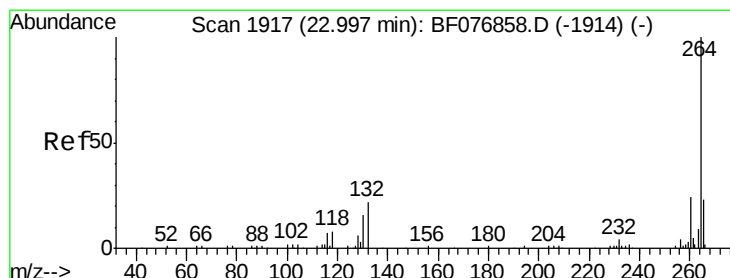
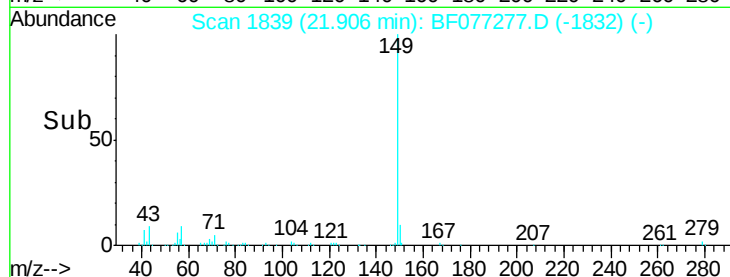
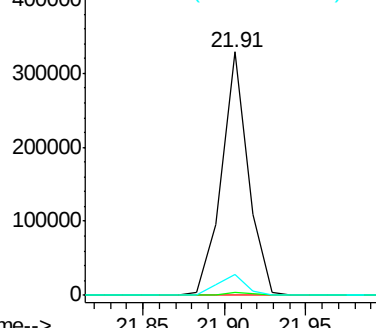
#84
 Di-n-octyl phthalate
 Concen: 32.95 ng
 RT: 21.91 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.1	1.7
43	8.9	6.6	10.0

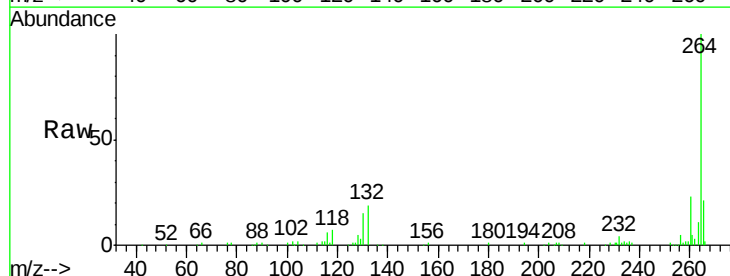


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

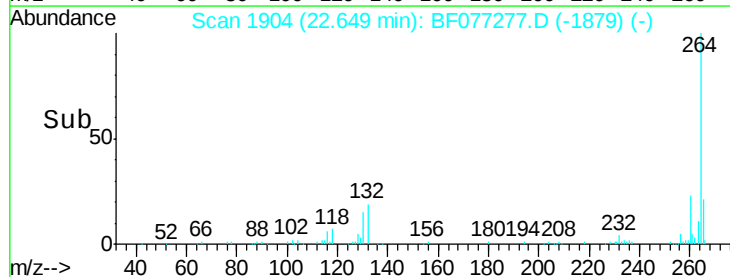
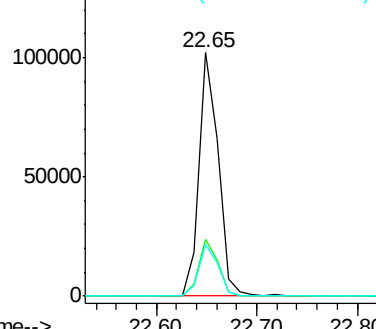


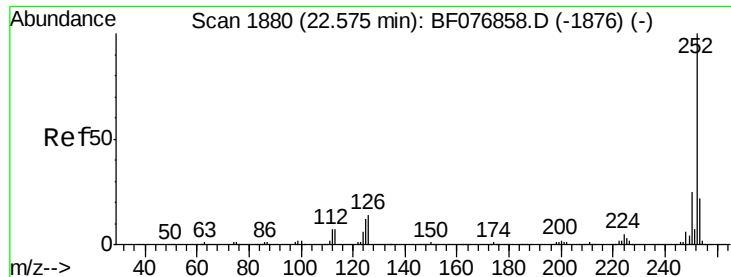
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.65 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.3	18.1	27.1



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

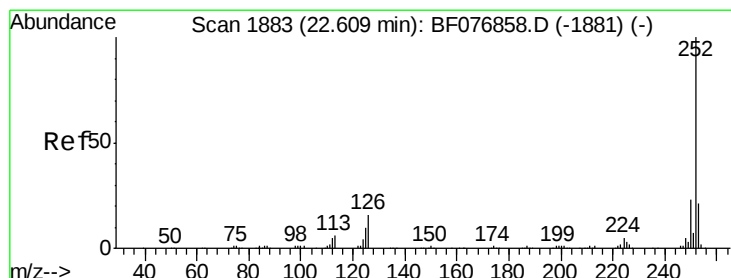
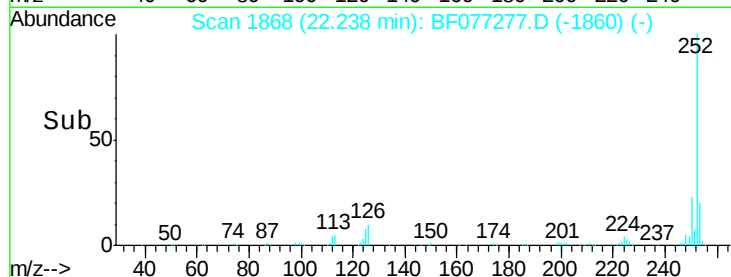
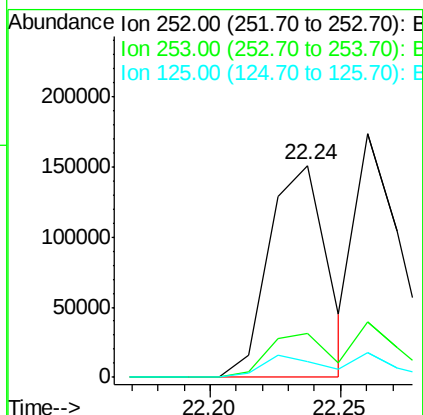
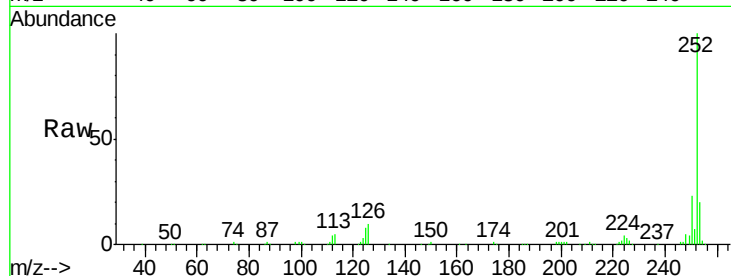




#87
Benzo(b)fluoranthene
Concen: 25.52 ng
RT: 22.24 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

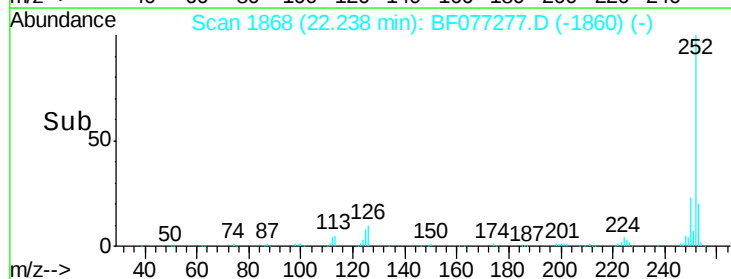
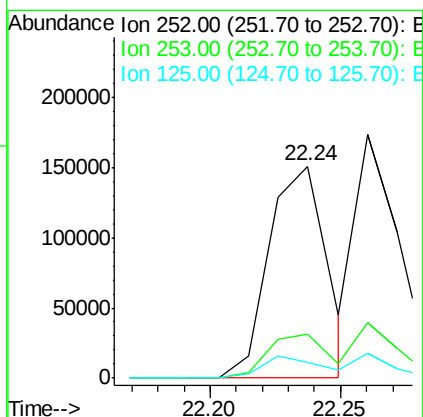
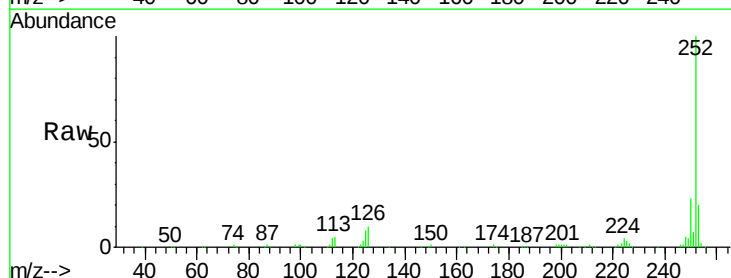
Instrument :
BNA_F
ClientSampleId :
UB9BMSD

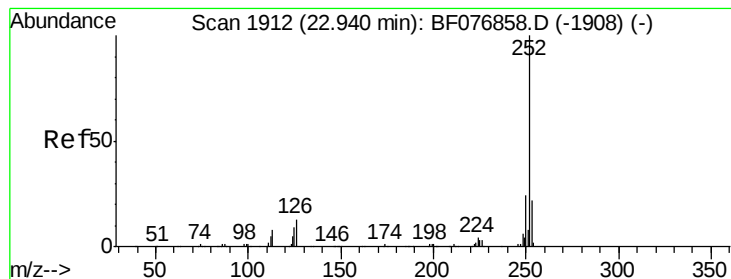
Tgt Ion: 252 Resp: 234018
Ion Ratio Lower Upper
252 100
253 20.4 17.5 26.3
125 7.6 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 29.21 ng
RT: 22.24 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 252 Resp: 234018
Ion Ratio Lower Upper
252 100
253 20.4 17.2 25.8
125 7.6 7.1 10.7





#89

Benzo(a)pyrene

Concen: 26.22 ng

RT: 22.59 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF077277.D

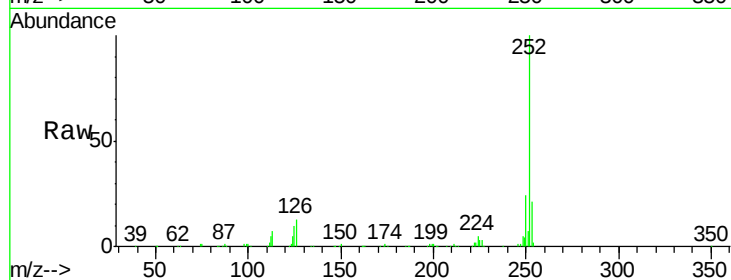
Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

UB9BMSD



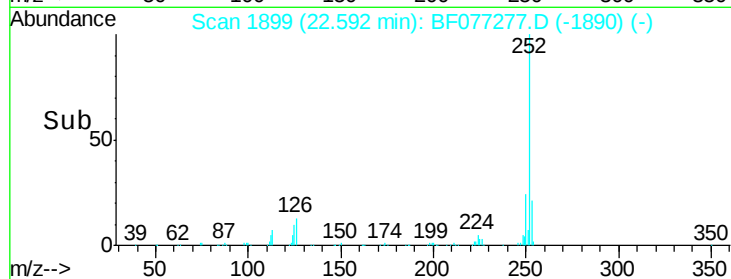
Tgt Ion: 252 Resp: 212094

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

125 9.6 7.2 10.8



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

