

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077276.D
 Acq On : 12 Feb 2015 7:51
 Operator : TP/IZ
 Sample : G1254-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

Quant Time: Feb 12 11:36:19 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	31967	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	134748	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	74998	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	123682	20.00	ng	-0.03
75) Chrysene-d12	20.98	240	115552	20.00	ng	-0.03
86) Perylene-d12	22.61	264	98110	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.54	112	217880	112.06	ng	-0.05
7) Phenol-d6	6.97	99	273100	111.35	ng	-0.05
23) Nitrobenzene-d5	8.85	82	174035	71.55	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	64318	105.65	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	371845	75.45	ng	-0.05
78) Terphenyl-d14	19.72	244	361605	72.04	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.05	88	18826	22.61	ng	# 95
3) Pyridine	1.47	79	52629	24.43	ng	99
4) n-Nitrosodimethylamine	1.44	42	38615	36.19	ng	97
6) Aniline	6.83	93	47007	13.85	ng	99
8) 2-Chlorophenol	7.07	128	78492	35.02	ng	97
10) Phenol	7.00	94	82244	31.58	ng	90
11) bis(2-Chloroethyl)ether	7.09	93	71653	35.16	ng	# 76
12) 1,3-Dichlorobenzene	7.38	146	82565	32.38	ng	98
13) 1,4-Dichlorobenzene	7.57	146	83103	30.73	ng	98
14) 1,2-Dichlorobenzene	7.89	146	80929	32.48	ng	98
15) Benzyl Alcohol	8.00	79	70946	35.75	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	100798	36.80	ng	# 43
17) 2-Methylphenol	8.36	107	59683	32.58	ng	97
18) Hexachloroethane	8.64	117	33364	35.47	ng	96
19) n-Nitroso-di-n-propylamine	8.64	70	57701	33.61	ng	98
20) 3+4-Methylphenols	8.75	107	57914	23.88	ng	98
22) Acetophenone	8.54	105	118037	35.76	ng	97
24) Nitrobenzene	8.90	77	81381	32.84	ng	98
25) Isophorone	9.50	82	156957	35.43	ng	95
26) 2-Nitrophenol	9.64	139	41034	32.92	ng	# 88
27) 2,4-Dimethylphenol	9.94	122	71288	37.21	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	97299	38.65	ng	97
29) 2,4-Dichlorophenol	10.26	162	62354	34.92	ng	94
30) 1,2,4-Trichlorobenzene	10.37	180	70304	35.45	ng	96
31) Naphthalene	10.50	128	234164	33.75	ng	98
32) Benzoic acid	10.36	122	10991	10.35	ng	95
33) 4-Chloroaniline	10.76	127	46509	16.59	ng	95
34) Hexachlorobutadiene	10.87	225	41913	35.61	ng	99
35) Caprolactam	11.63	113	14078	26.78	ng	# 73
36) 4-Chloro-3-methylphenol	12.09	107	67581	33.05	ng	97
37) 2-Methylnaphthalene	12.16	142	170265	35.94	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	64294	34.67	ng	97
40) Hexachlorocyclopentadiene	12.55	237	53371	54.99	ng	98
42) 2,4,6-Trichlorophenol	12.92	196	44627	33.03	ng	95

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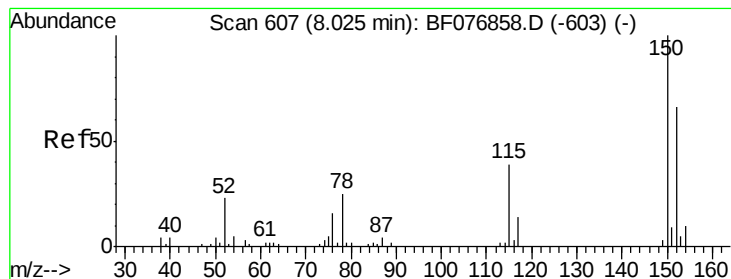
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.03	196	38035	27.60	ng	# 92
45) 1,1'-Biphenyl	13.31	154	203088	36.53	ng	96
46) 2-Chloronaphthalene	13.28	162	156223	34.15	ng	98
47) 2-Nitroaniline	13.64	65	49461	35.64	ng	90
48) Acenaphthylene	14.23	152	252419	32.71	ng	100
49) Dimethylphthalate	14.20	163	196245	36.90	ng	99
50) 2,6-Dinitrotoluene	14.29	165	38202	35.95	ng	96
51) Acenaphthene	14.65	154	142130	32.46	ng	93
52) 3-Nitroaniline	14.64	138	28728	21.74	ng	95
53) 2,4-Dinitrophenol	14.93	184	17736	42.09	ng	91
54) Dibenzofuran	15.07	168	221565	34.74	ng	100
55) 4-Nitrophenol	15.28	139	37183	44.60	ng	95
56) 2,4-Dinitrotoluene	15.23	165	52707	33.74	ng	# 94
57) Fluorene	15.85	166	182409	33.75	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.45	232	28703	28.61	ng	92
59) Diethylphthalate	15.87	149	204230	37.99	ng	99
60) 4-Chlorophenyl-phenylether	15.95	204	81657	36.93	ng	97
61) 4-Nitroaniline	16.02	138	33008	25.34	ng	86
62) Azobenzene	16.25	77	199859	35.68	ng	96
64) 4,6-Dinitro-2-methylphenol	16.10	198	20761	27.63	ng	86
65) n-Nitrosodiphenylamine	16.21	169	154963	35.14	ng	99
66) 4-Bromophenyl-phenylether	16.83	248	46363	37.00	ng	93
67) Hexachlorobenzene	16.84	284	46776	35.42	ng	92
68) Atrazine	17.23	200	51657	38.60	ng	97
69) Pentachlorophenol	17.23	266	28999	50.65	ng	93
70) Phenanthrene	17.51	178	261640	33.92	ng	98
71) Anthracene	17.59	178	255928	34.03	ng	99
72) Carbazole	17.88	167	245460	33.65	ng	99
73) Di-n-butylphthalate	18.49	149	343304	40.66	ng	99
74) Fluoranthene	19.16	202	256605	32.47	ng	98
76) Benzidine	19.41	184	101670	27.50	ng	99
77) Pyrene	19.45	202	268258	33.87	ng	99
79) Butylbenzylphthalate	20.39	149	142020	39.60	ng	# 84
80) Benzo(a)anthracene	20.97	228	243104	33.53	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	67704	29.39	ng	# 94
82) Chrysene	21.01	228	225000	34.03	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	213583	43.04	ng	# 94
84) Di-n-octyl phthalate	21.89	149	375912	43.65	ng	98
85) Indeno(1,2,3-cd)pyrene	23.69	276	234366	33.45	ng	# 84
87) Benzo(b)fluoranthene	22.21	252	230966	34.95	ng	# 96
88) Benzo(k)fluoranthene	22.21	252	230966	40.01	ng	99
89) Benzo(a)pyrene	22.56	252	222516	38.18	ng	97
90) Dibenzo(a,h)anthracene	23.71	278	194919	36.45	ng	# 93
91) Benzo(g,h,i)perylene	23.94	276	187176	35.21	ng	# 91

(#) = 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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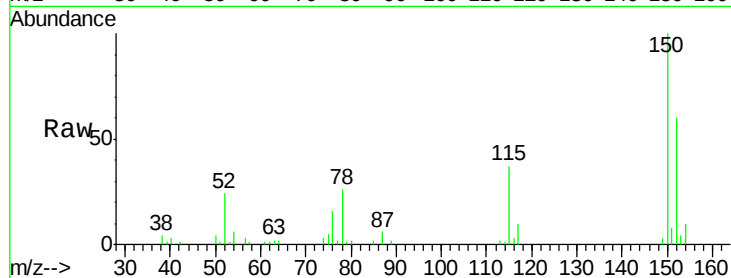
Tgt Ion:152 Resp: 31967

Ion Ratio Lower Upper

152 100

150 165.5 121.7 182.5

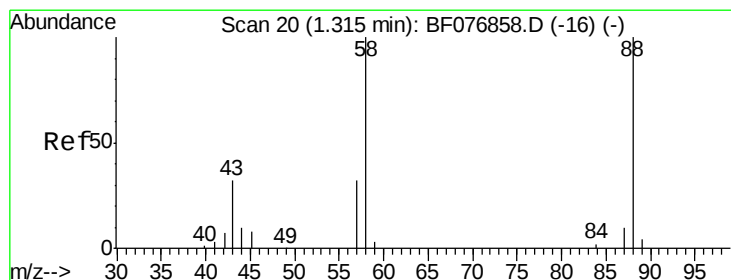
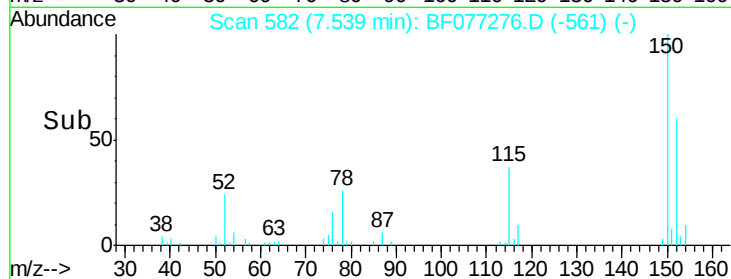
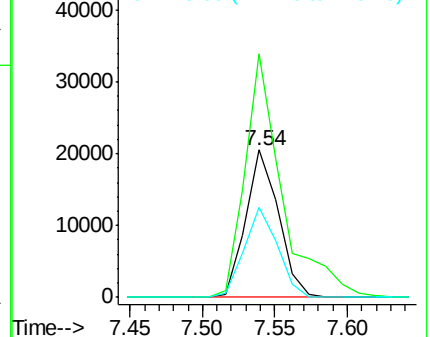
115 61.4 47.0 70.6



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: 22.61 ng

RT: 1.05 min Scan# 14

Delta R.T. 0.00 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

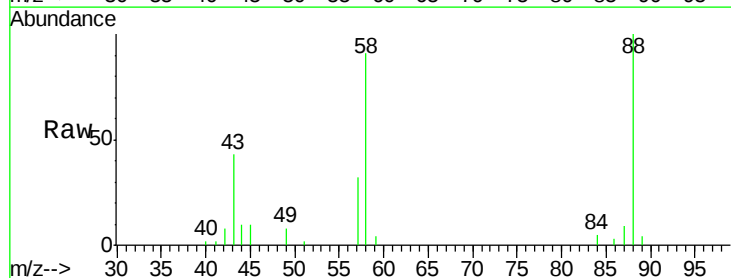
Tgt Ion: 88 Resp: 18826

Ion Ratio Lower Upper

88 100

58 95.1 77.0 115.4

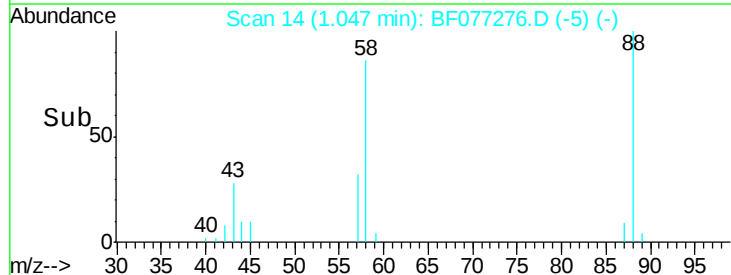
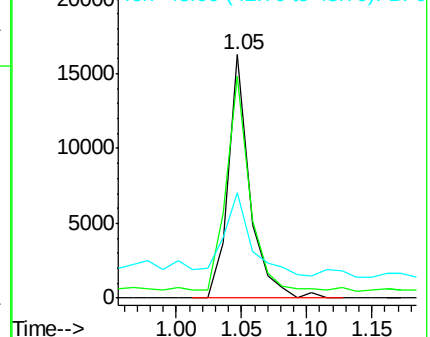
43 42.0 25.6 38.4#



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: 24.43 ng

RT: 1.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

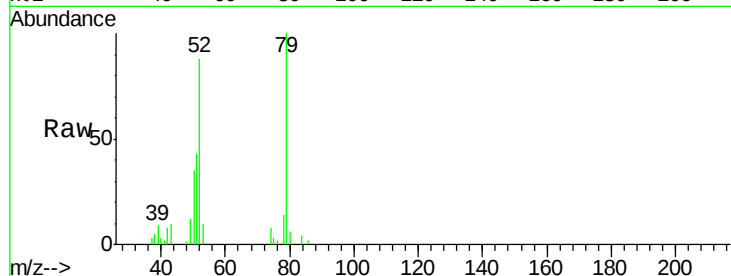
Tgt Ion: 79 Resp: 52629

Ion Ratio Lower Upper

79 100

52 88.1 70.1 105.1

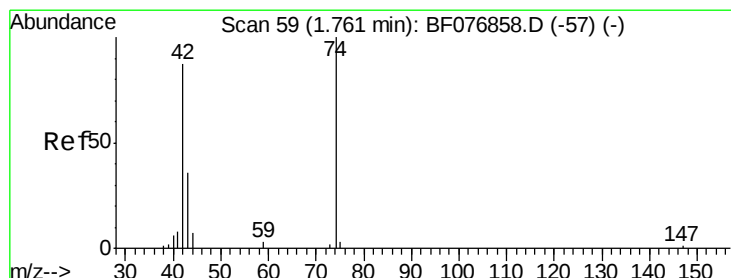
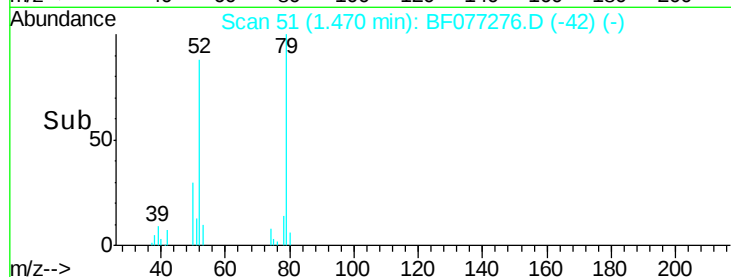
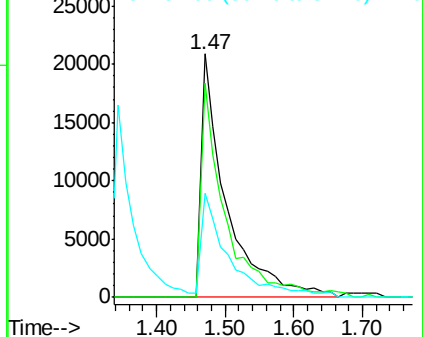
51 42.9 35.1 52.7



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: 36.19 ng

RT: 1.44 min Scan# 48

Delta R.T. 0.00 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

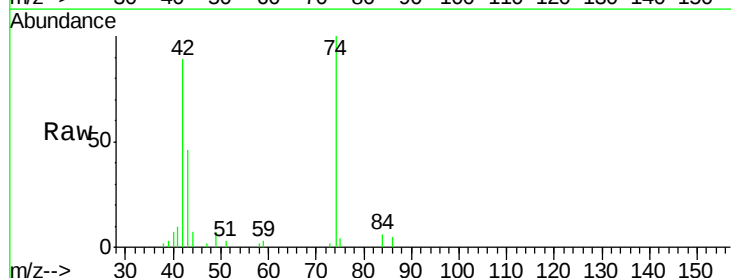
Tgt Ion: 42 Resp: 38615

Ion Ratio Lower Upper

42 100

74 112.0 92.4 138.6

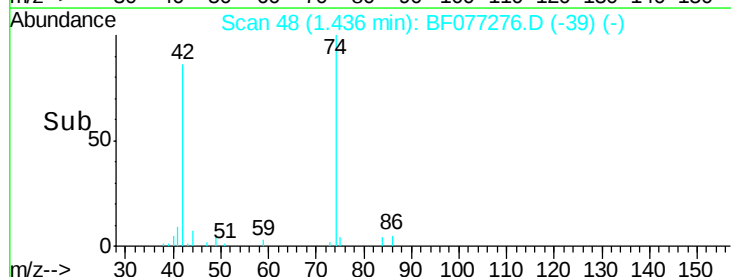
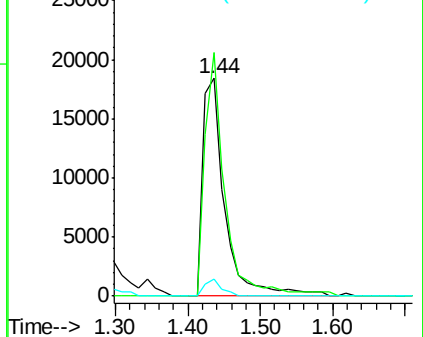
44 7.8 6.2 9.2



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: 112.06 ng

RT: 4.54 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

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UB9BMS

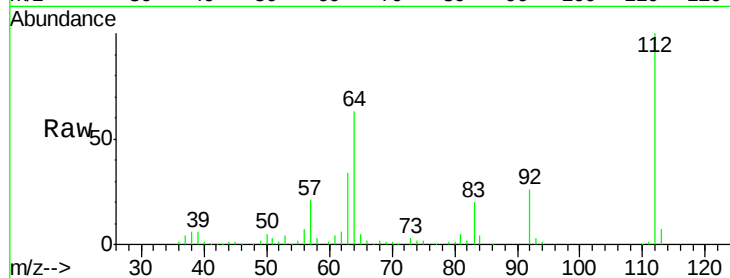
Tgt Ion: 112 Resp: 217880

Ion Ratio Lower Upper

112 100

64 63.2 54.2 81.4

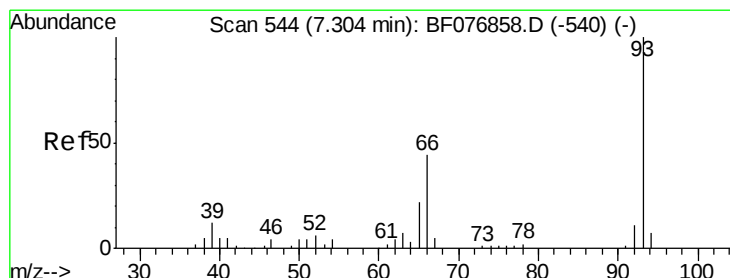
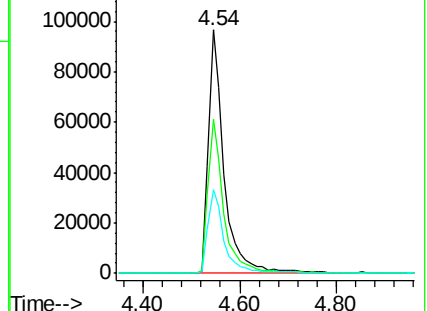
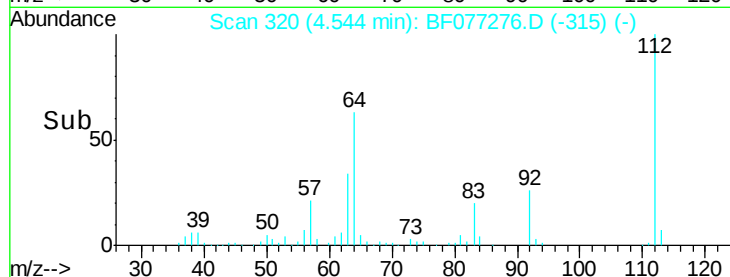
63 34.4 28.4 42.6



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: 13.85 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

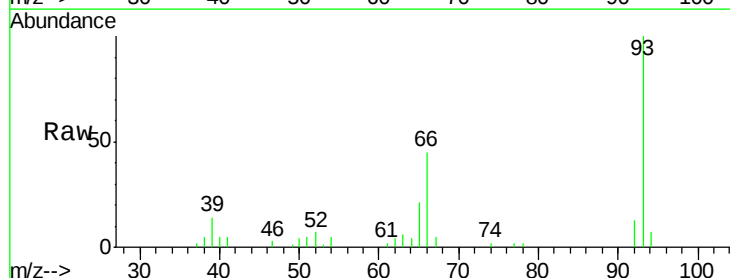
Tgt Ion: 93 Resp: 47007

Ion Ratio Lower Upper

93 100

66 44.5 35.0 52.4

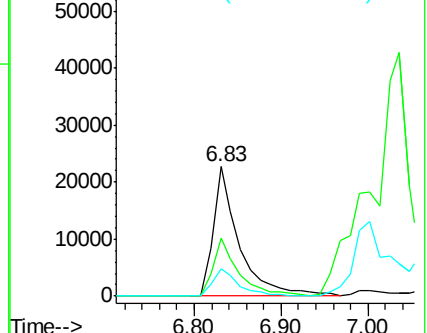
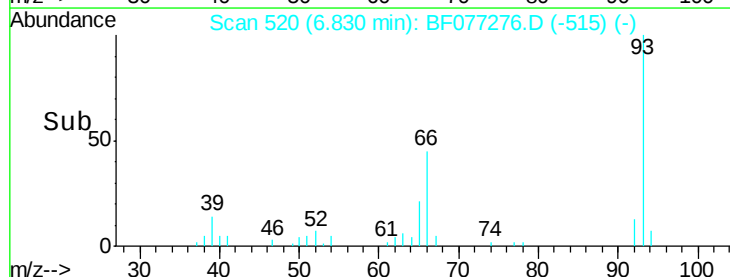
65 21.4 17.7 26.5

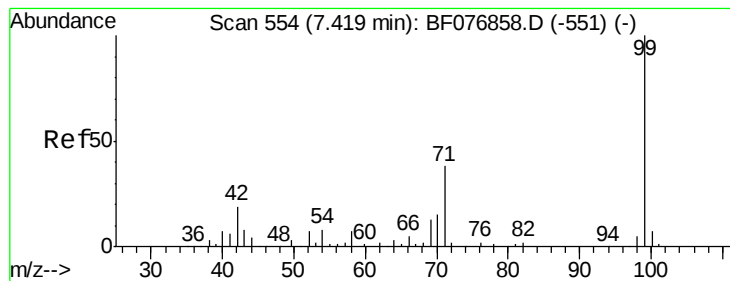


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.35 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

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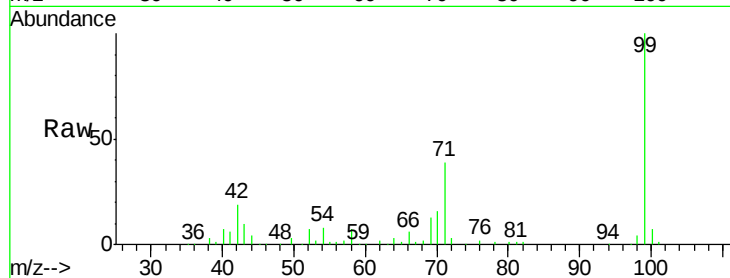
Tgt Ion: 99 Resp: 273100

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

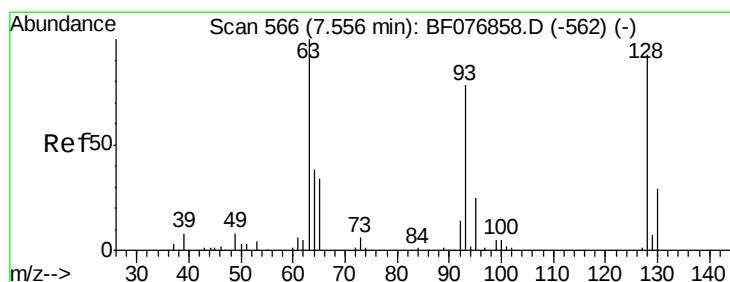
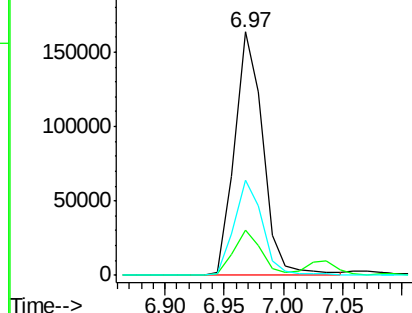
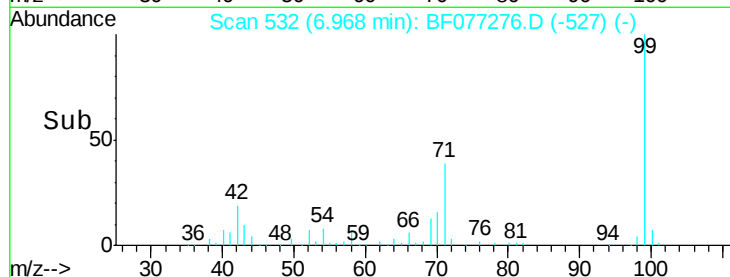
71 39.1 30.5 45.7



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: 35.02 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.06 min

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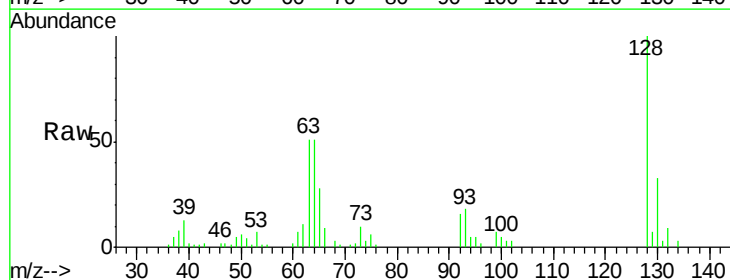
Tgt Ion: 128 Resp: 78492

Ion Ratio Lower Upper

128 100

130 32.9 11.0 51.0

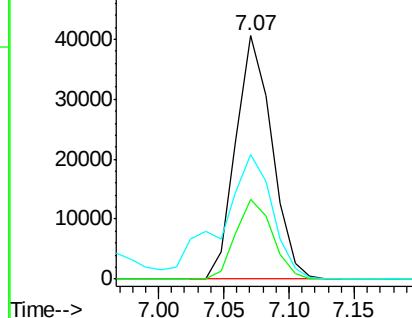
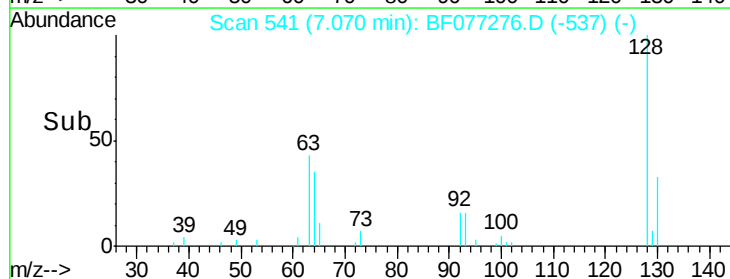
64 51.2 29.3 69.3

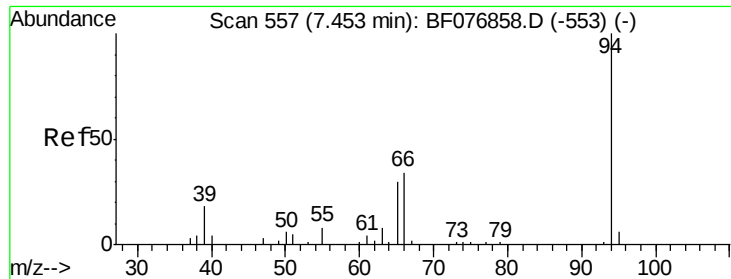


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 31.58 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.03 min

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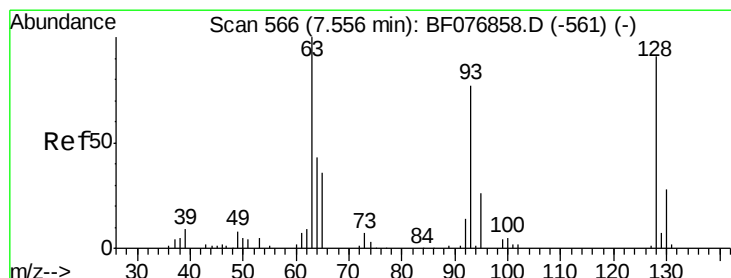
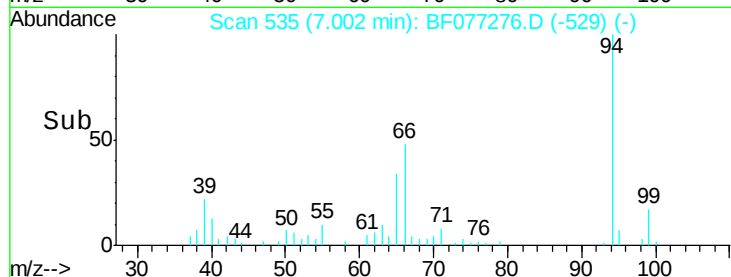
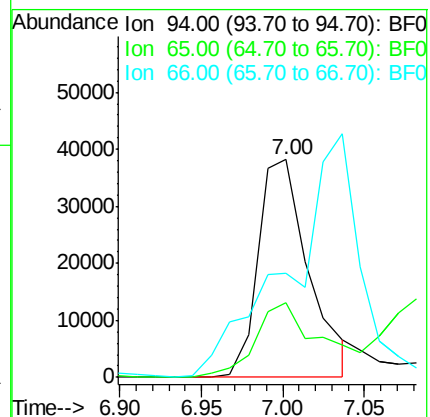
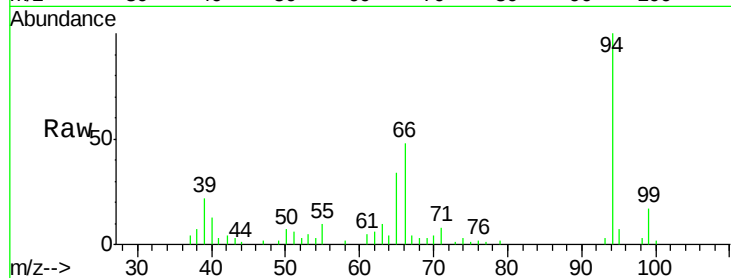
Tgt Ion: 94 Resp: 82244

Ion Ratio Lower Upper

94 100

65 34.1 11.3 51.3

66 47.7 19.5 59.5



#11

bis(2-Chloroethyl)ether

Concen: 35.16 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.05 min

Lab File: BF077276.D

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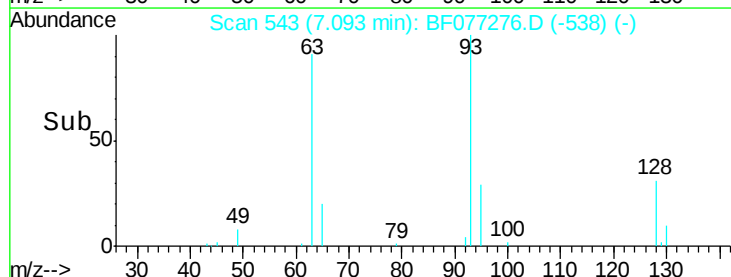
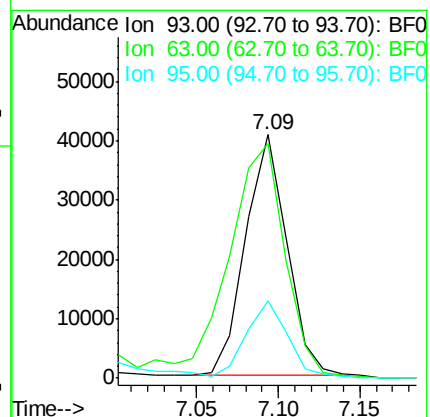
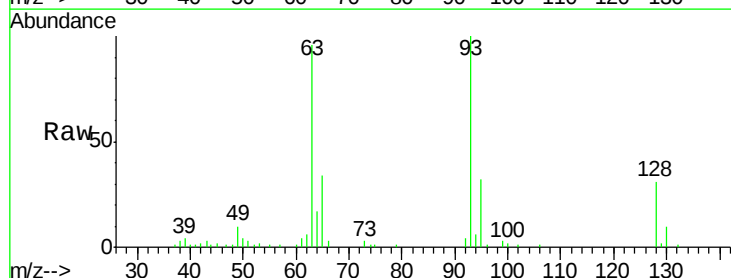
Tgt Ion: 93 Resp: 71653

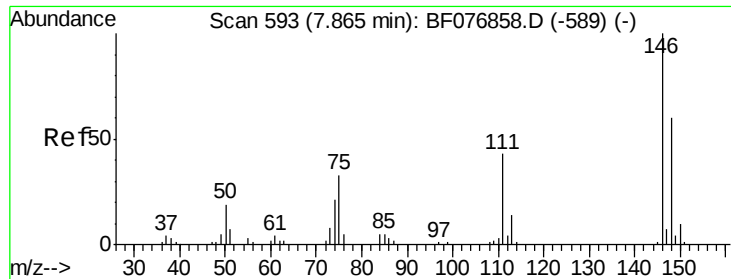
Ion Ratio Lower Upper

93 100

63 96.4 111.3 151.3#

95 31.7 13.8 53.8

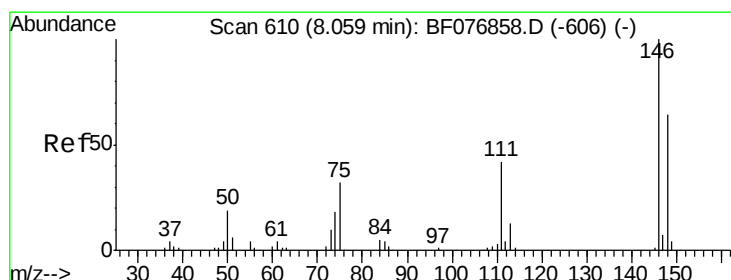
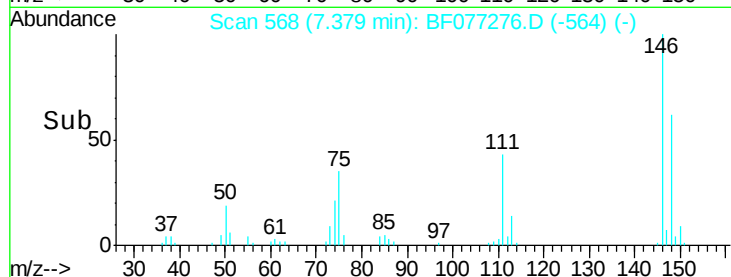
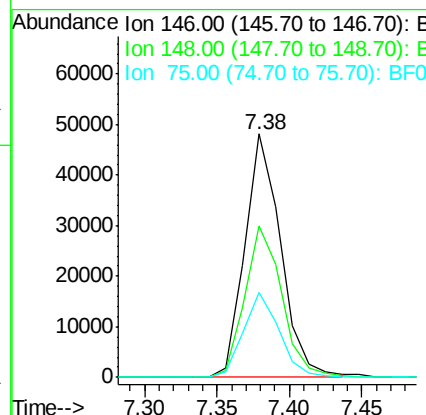
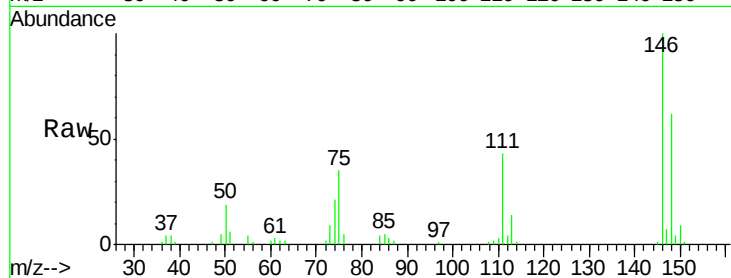




#12
 1,3-Dichlorobenzene
 Concen: 32.38 ng
 RT: 7.38 min Scan# 568
 Delta R.T. -0.06 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

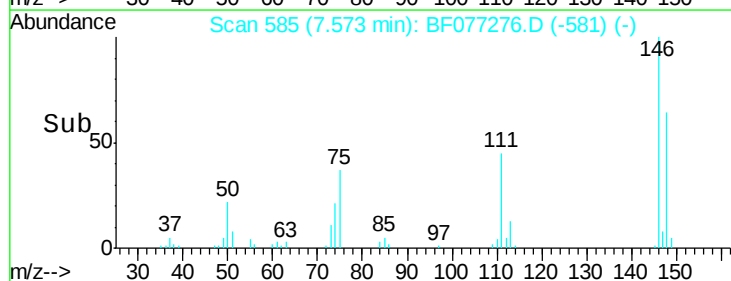
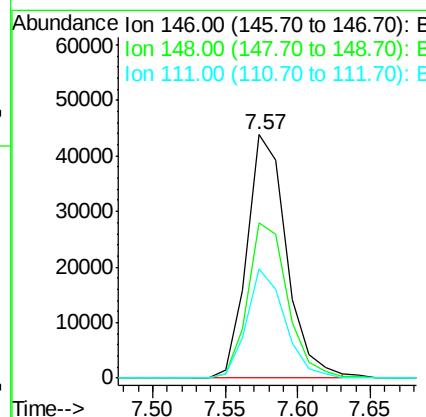
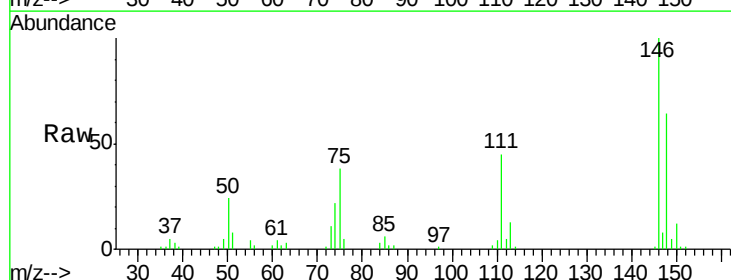
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

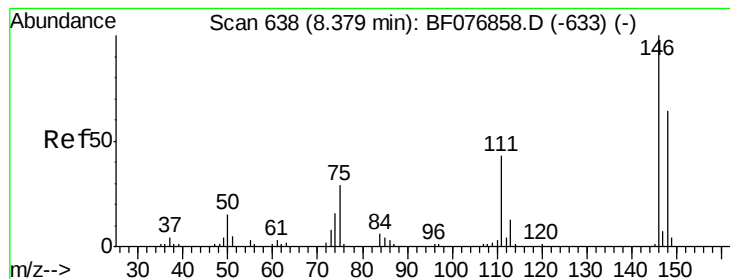
Tgt Ion:146 Resp: 82565
 Ion Ratio Lower Upper
 146 100
 148 62.0 48.1 72.1
 75 34.7 26.8 40.2



#13
 1,4-Dichlorobenzene
 Concen: 30.73 ng
 RT: 7.57 min Scan# 585
 Delta R.T. -0.06 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion:146 Resp: 83103
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 44.9 33.9 50.9

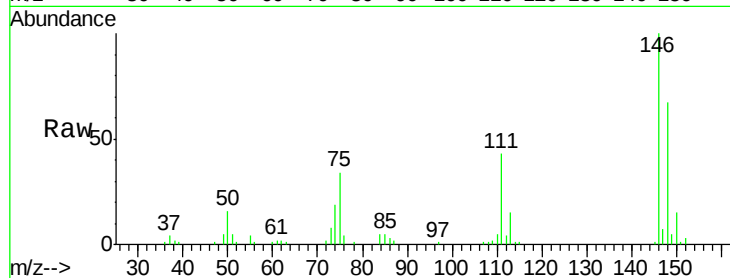




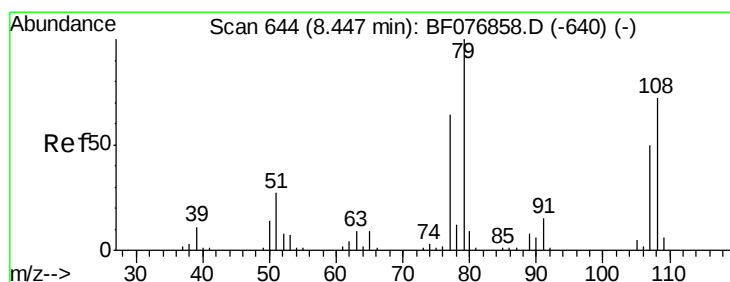
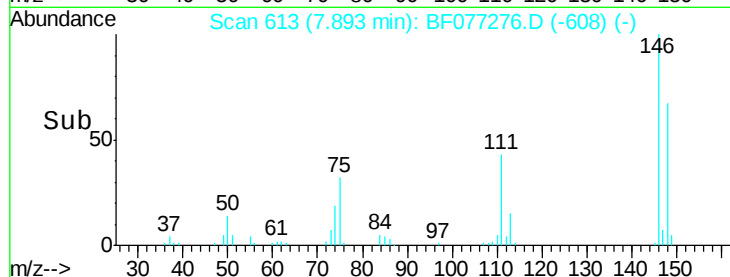
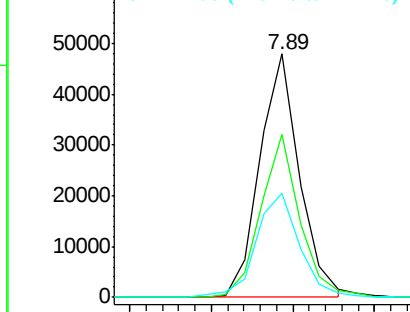
#14
 1,2-Dichlorobenzene
 Concen: 32.48 ng
 RT: 7.89 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

Tgt Ion: 146 Resp: 80929
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.3 76.9
 111 43.0 34.5 51.7

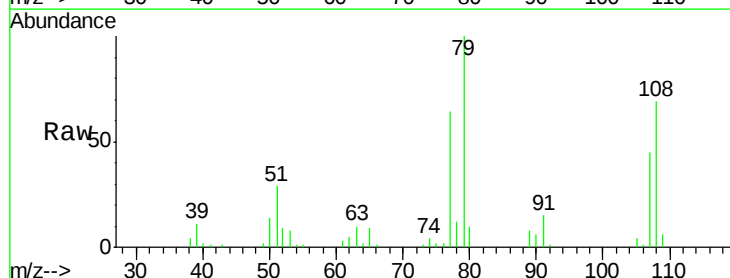


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

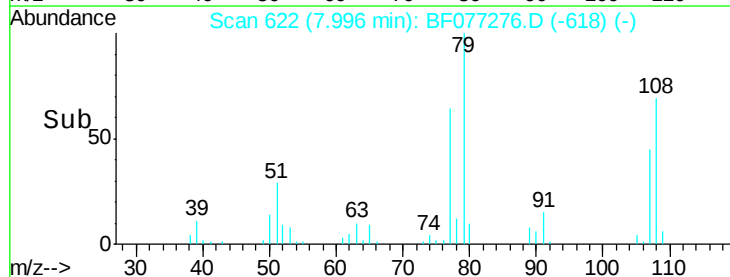
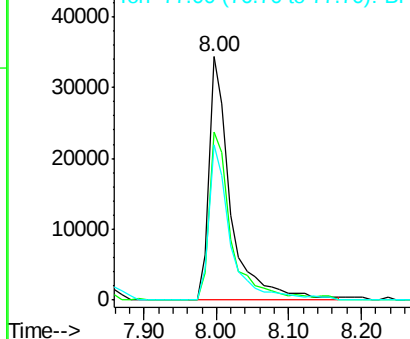


#15
 Benzyl Alcohol
 Concen: 35.75 ng
 RT: 8.00 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion: 79 Resp: 70946
 Ion Ratio Lower Upper
 79 100
 108 69.0 57.2 85.8
 77 63.7 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

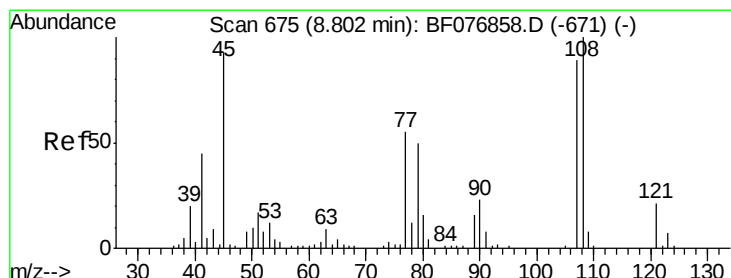
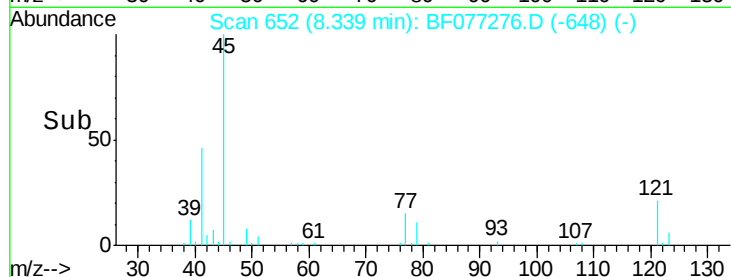
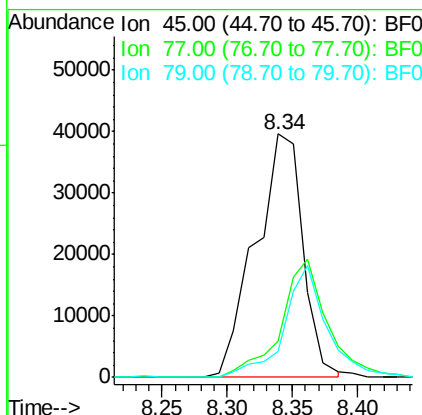
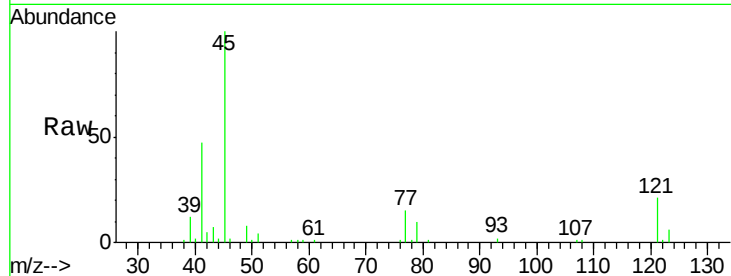




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.80 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

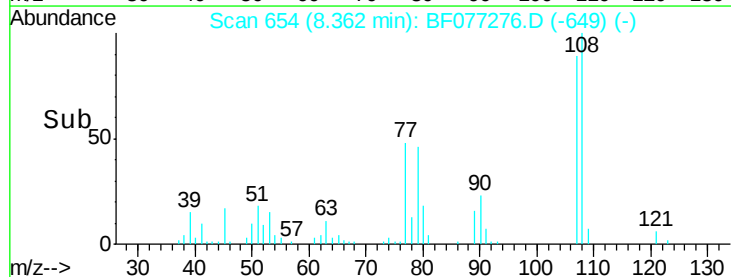
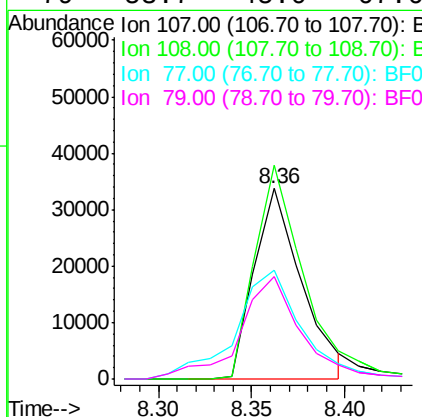
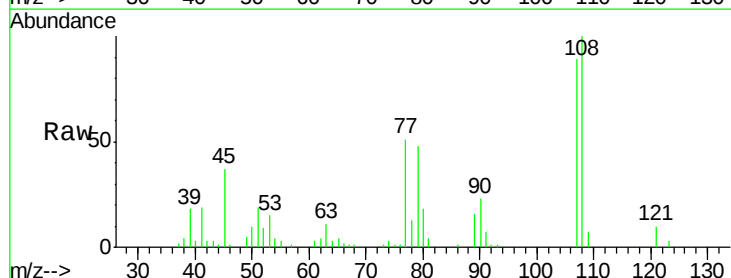
Instrument :
BNA_F
ClientSampled :
UB9BMS

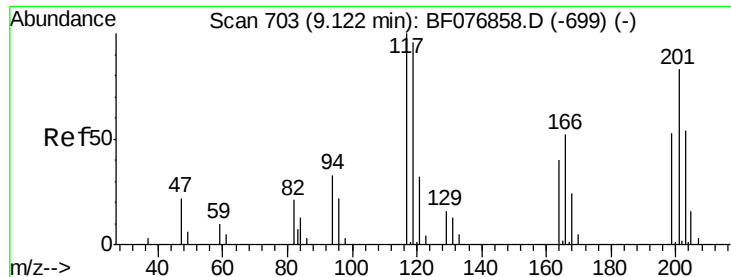
Tgt Ion: 45 Resp: 100798
Ion Ratio Lower Upper
45 100
77 15.1 36.1 76.1#
79 10.5 30.5 70.5#



#17
2-Methylphenol
Concen: 32.58 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion: 107 Resp: 59683
Ion Ratio Lower Upper
107 100
108 112.2 89.7 134.5
77 57.2 50.1 75.1
79 53.7 45.0 67.6

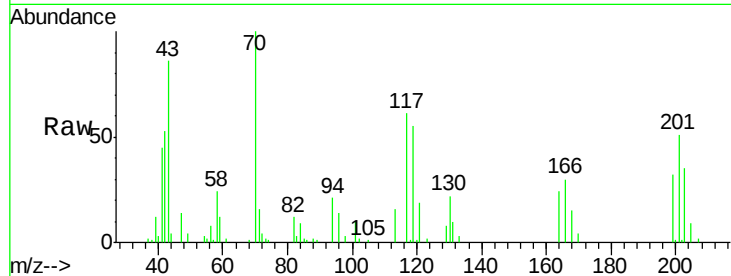




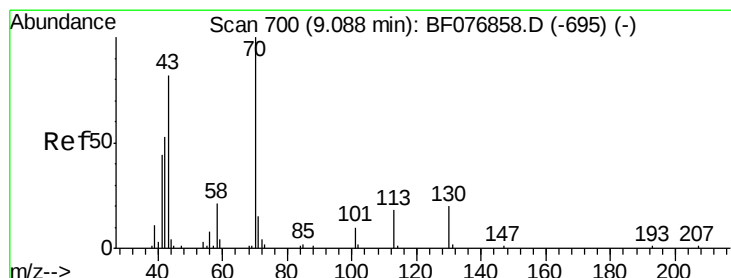
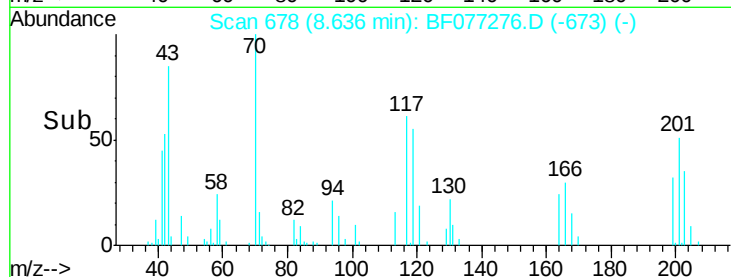
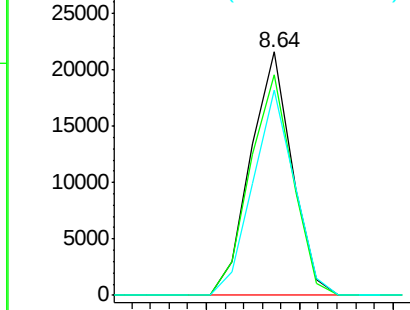
#18
Hexachloroethane
Concen: 35.47 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Instrument :
BNA_F
ClientSampleId :
UB9BMS

Tgt Ion: 117 Resp: 33364
Ion Ratio Lower Upper
117 100
119 90.4 77.1 115.7
201 84.2 66.8 100.2



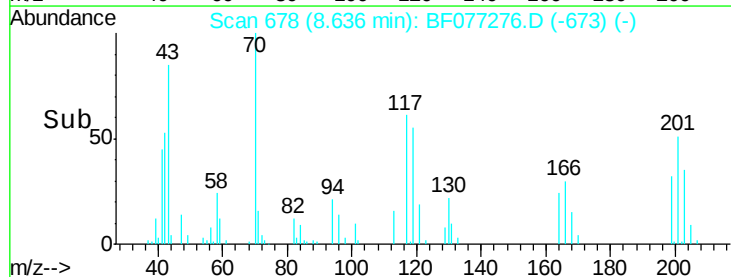
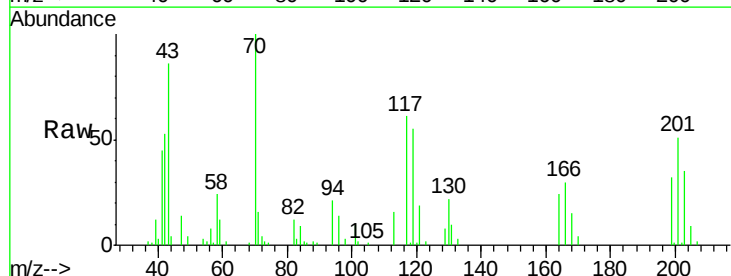
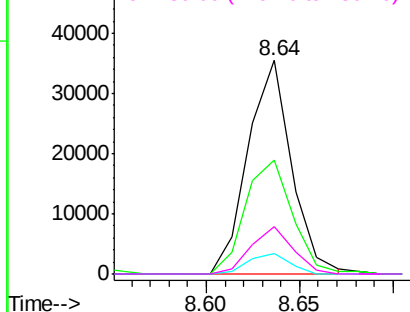
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

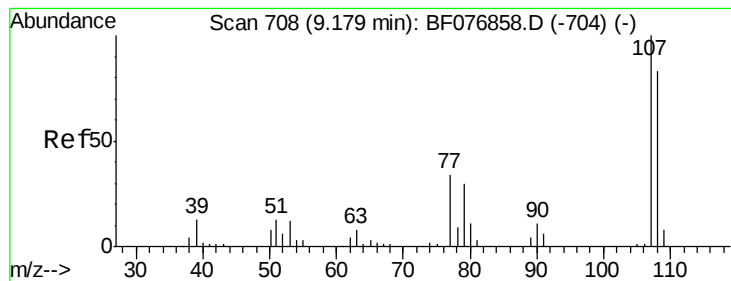


#19
n-Nitroso-di-n-propylamine
Concen: 33.61 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion: 70 Resp: 57701
Ion Ratio Lower Upper
70 100
42 53.2 42.1 63.1
101 9.8 7.8 11.8
130 22.3 16.2 24.4

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 23.88 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

Tgt Ion:107 Resp: 57914

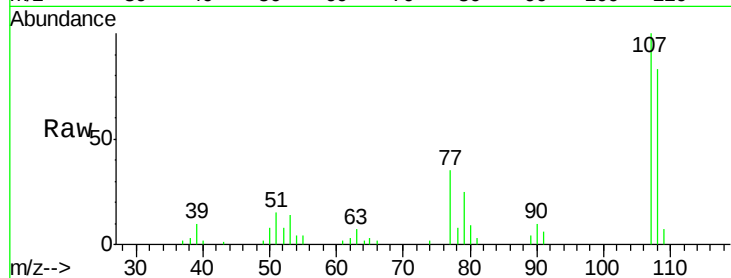
Ion Ratio Lower Upper

107 100

108 83.4 63.5 103.5

77 34.7 14.0 54.0

79 25.4 9.9 49.9

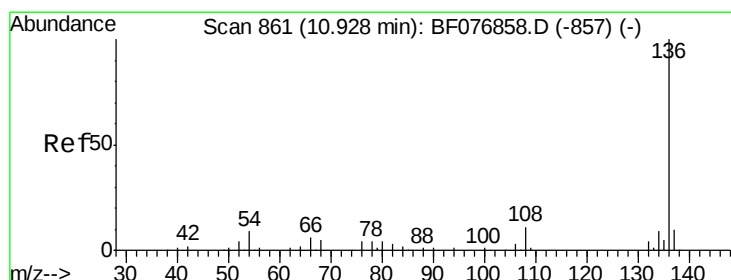
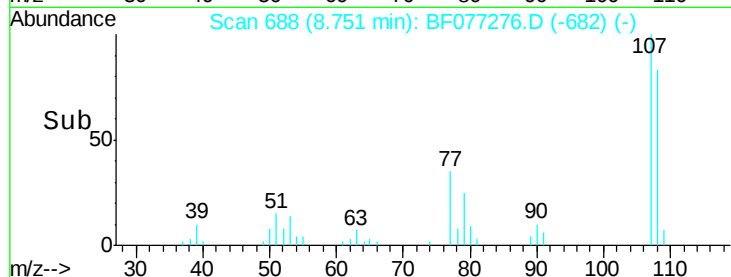
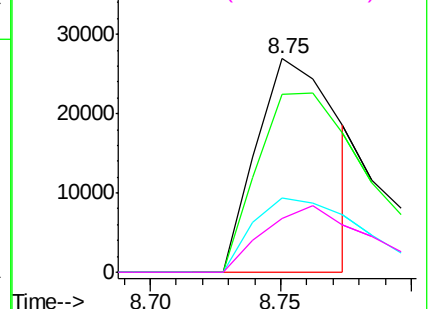


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF077276.D

Acq: 12 Feb 2015 7:51

Tgt Ion:136 Resp: 134748

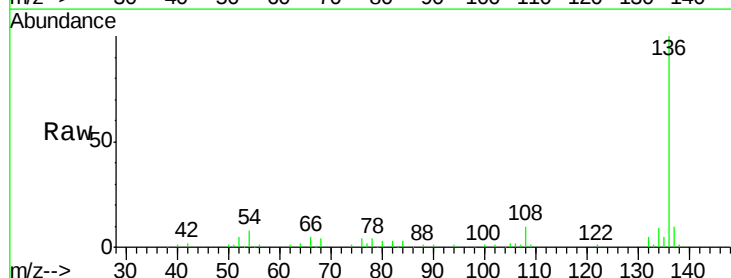
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 7.9 7.0 10.4

68 4.4 3.7 5.5

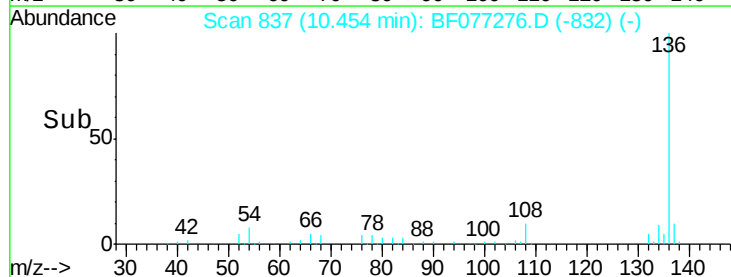
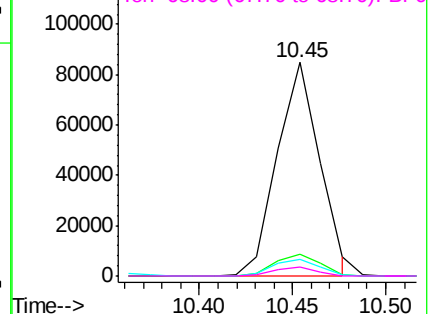


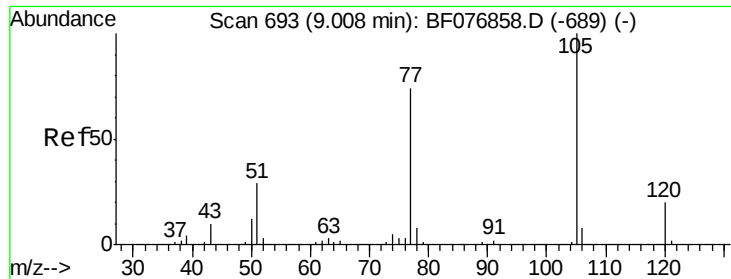
Abundance Ion 136.00 (135.70 to 136.70): E

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

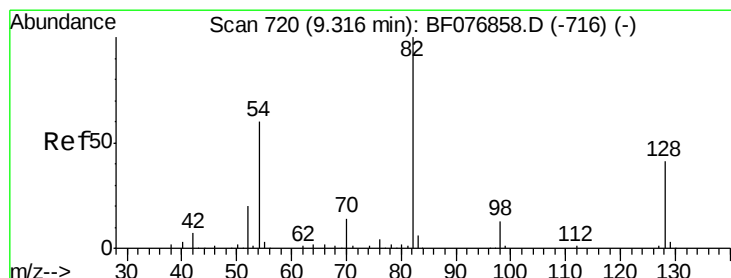
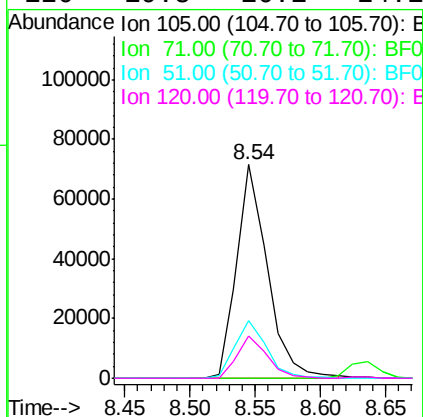
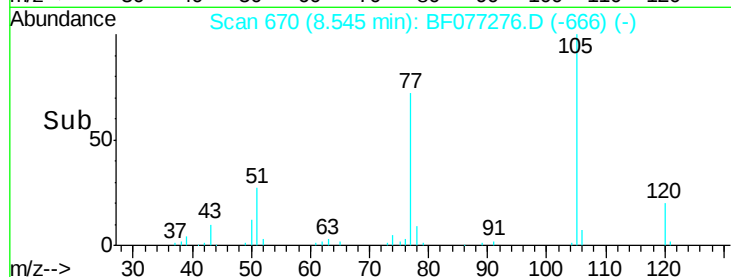
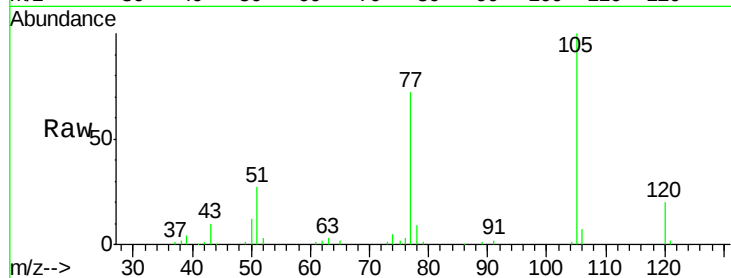




#22
 Acetophenone
 Concen: 35.76 ng
 RT: 8.54 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

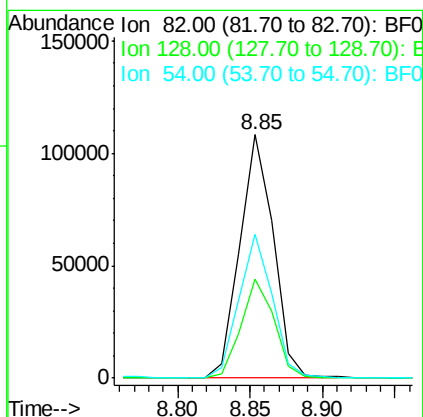
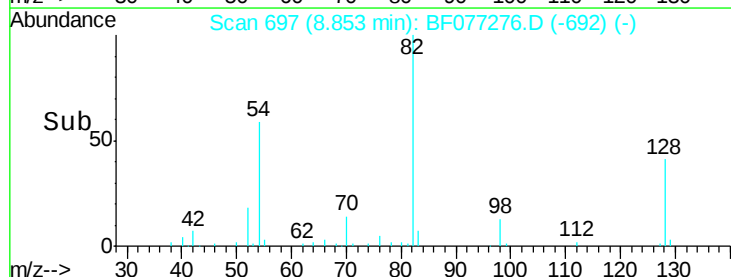
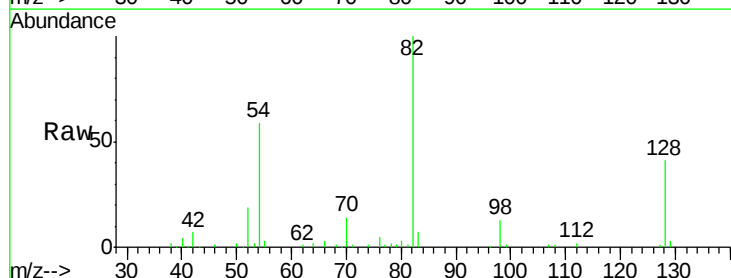
Instrument :
 BNA_F
 ClientSampled :
 UB9BMS

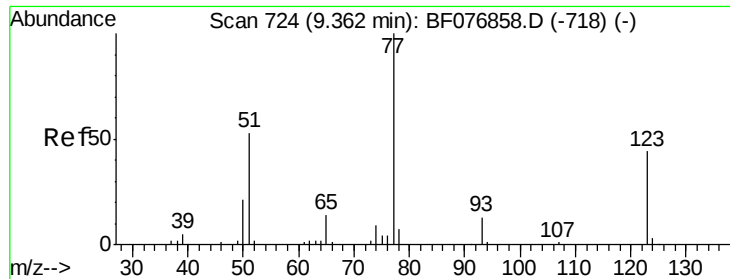
Tgt Ion:	105	Resp:	118037
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	26.8	23.3	34.9
120	19.8	16.1	24.1



#23
 Nitrobenzene-d5
 Concen: 71.55 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion:	82	Resp:	174035
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.1	49.7
54	59.3	48.3	72.5





#24

Nitrobenzene

Concen: 32.84 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

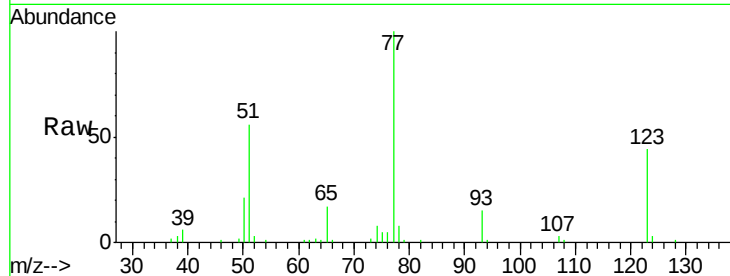
Tgt Ion: 77 Resp: 81381

Ion Ratio Lower Upper

77 100

123 43.5 35.2 52.8

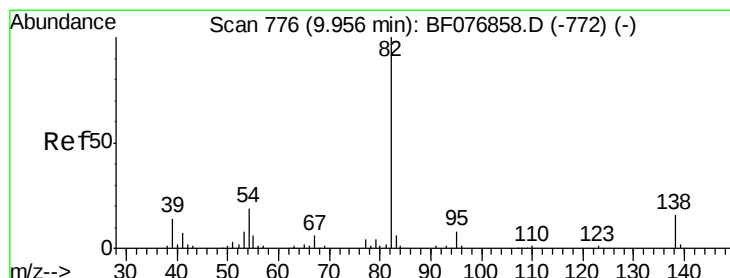
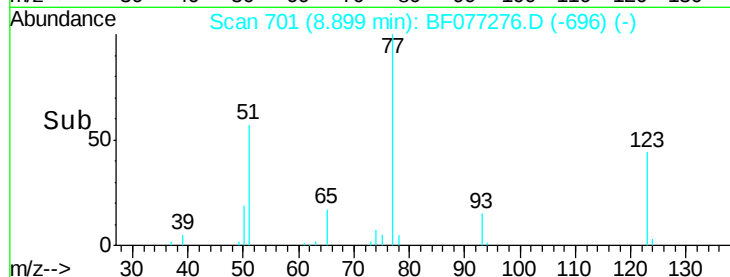
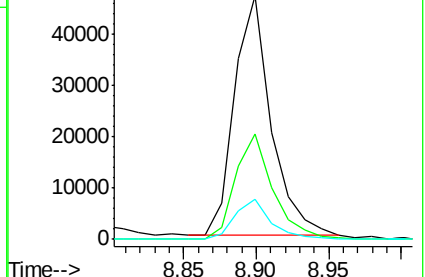
65 16.5 11.4 17.2



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: 35.43 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

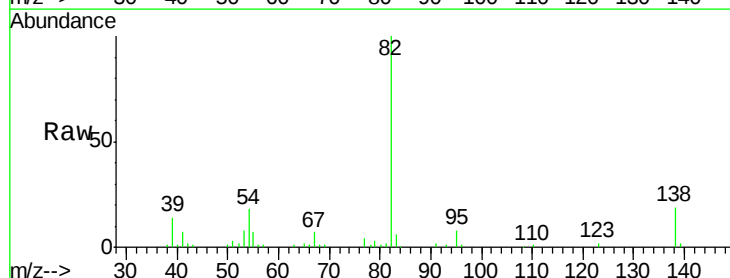
Tgt Ion: 82 Resp: 156957

Ion Ratio Lower Upper

82 100

95 8.2 6.6 10.0

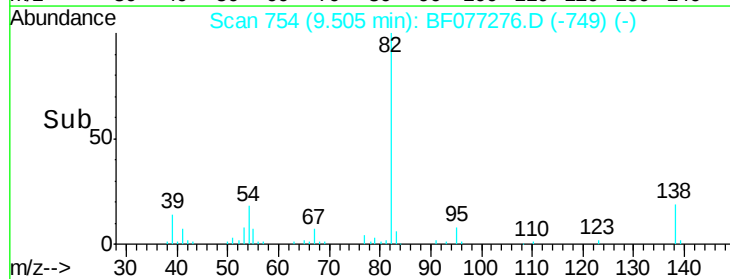
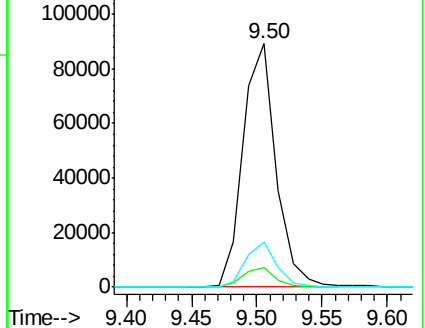
138 18.6 12.6 18.8



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

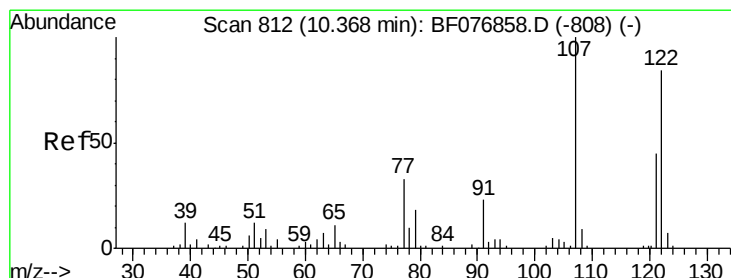
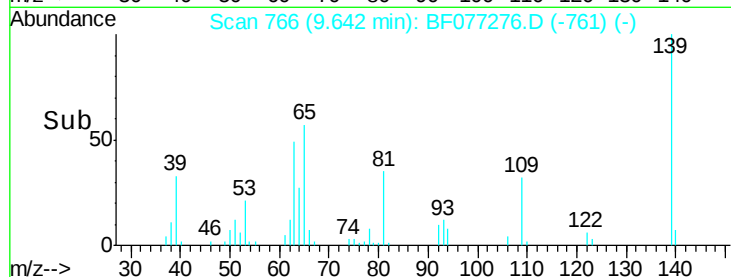
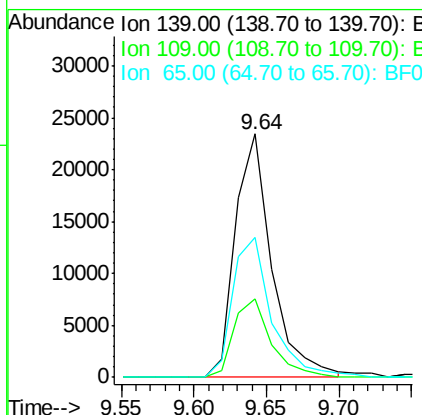
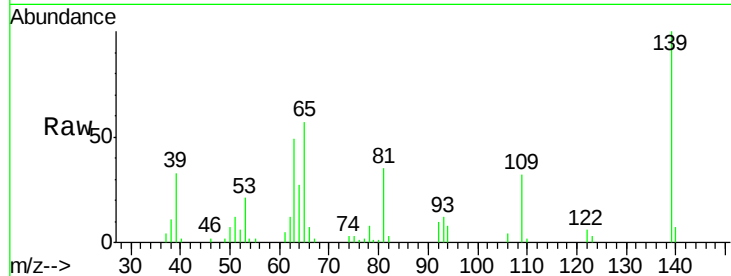




#26
 2-Nitrophenol
 Concen: 32.92 ng
 RT: 9.64 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

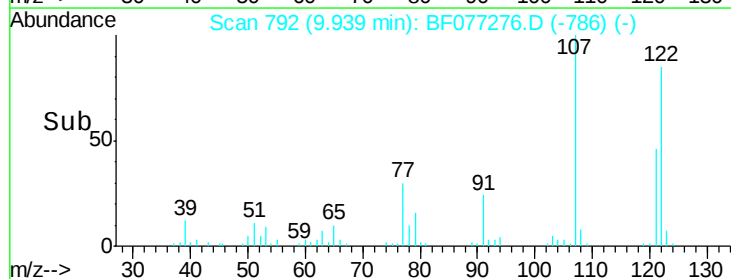
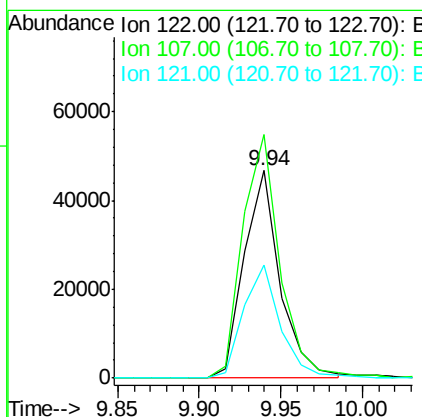
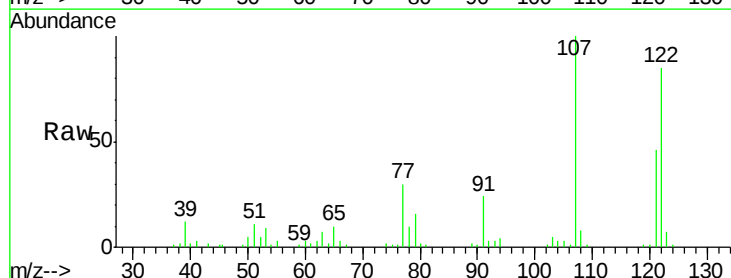
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

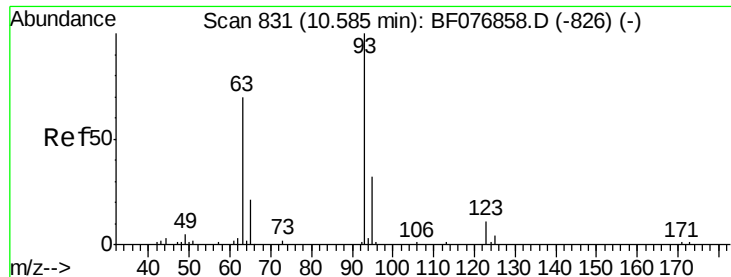
Tgt Ion:139 Resp: 41034
 Ion Ratio Lower Upper
 139 100
 109 32.2 21.3 31.9#
 65 57.4 39.4 59.0



#27
 2,4-Dimethylphenol
 Concen: 37.21 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion:122 Resp: 71288
 Ion Ratio Lower Upper
 122 100
 107 117.3 95.2 142.8
 121 54.2 42.9 64.3

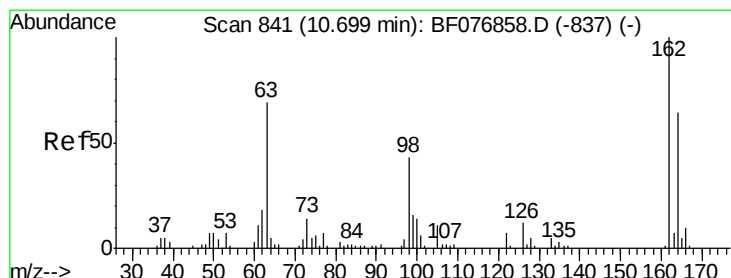
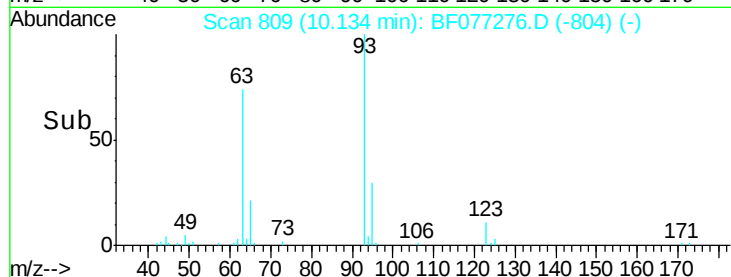
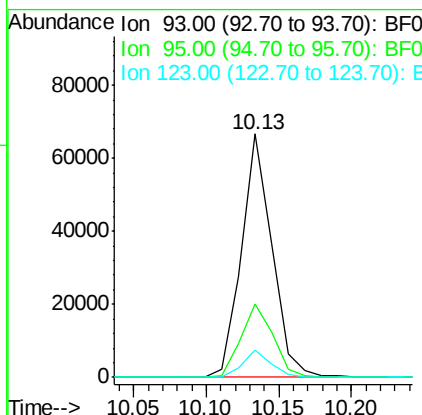
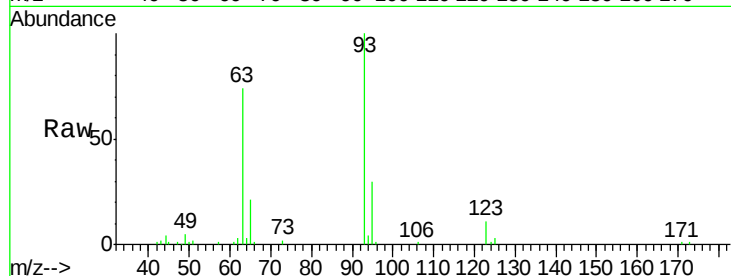




#28
bis(2-Chloroethoxy)methane
Concen: 38.65 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

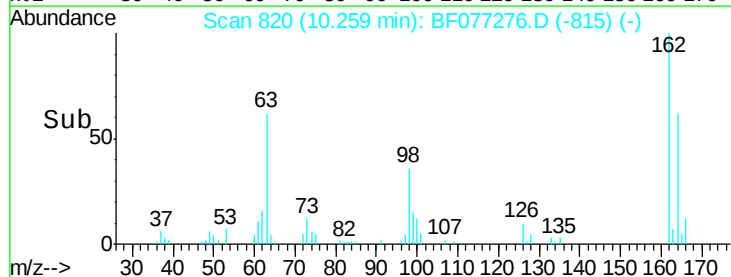
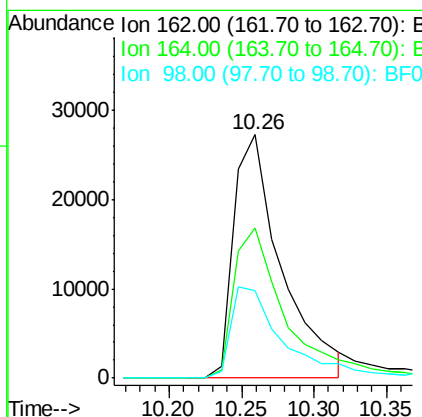
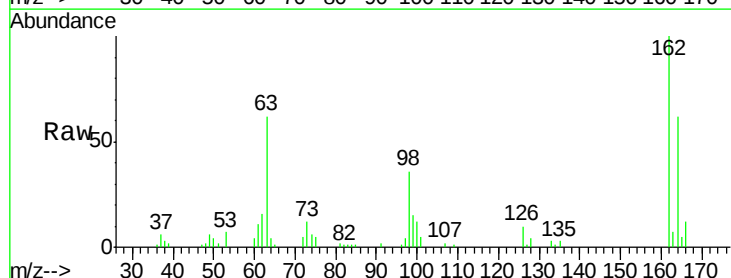
Instrument :
BNA_F
ClientSampleId :
UB9BMS

Tgt Ion: 93 Resp: 97299
Ion Ratio Lower Upper
93 100
95 30.0 25.6 38.4
123 11.0 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 34.92 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion: 162 Resp: 62354
Ion Ratio Lower Upper
162 100
164 61.9 43.8 83.8
98 35.7 22.5 62.5

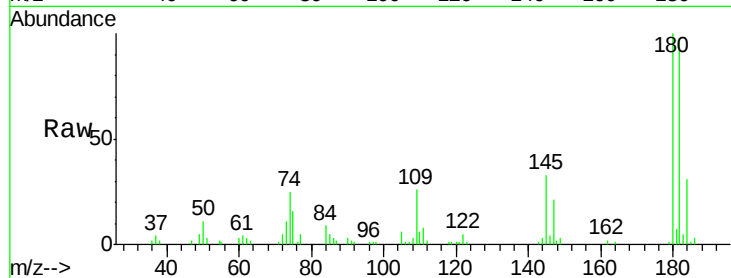




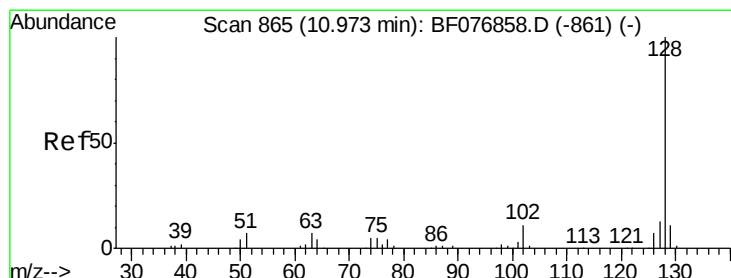
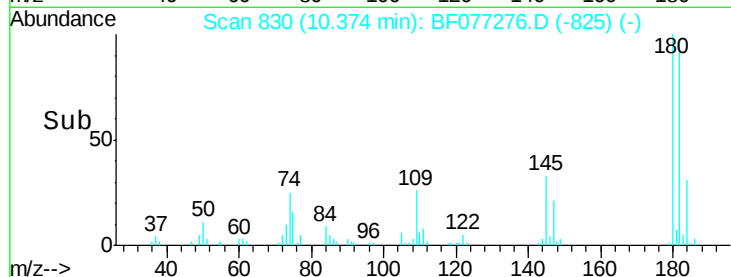
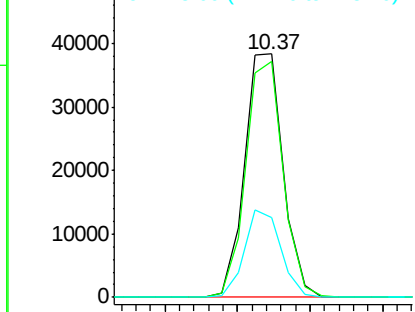
#30
 1,2,4-Trichlorobenzene
 Concen: 35.45 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

Tgt Ion:180 Resp: 70304
 Ion Ratio Lower Upper
 180 100
 182 97.0 73.6 110.4
 145 33.0 26.6 39.8

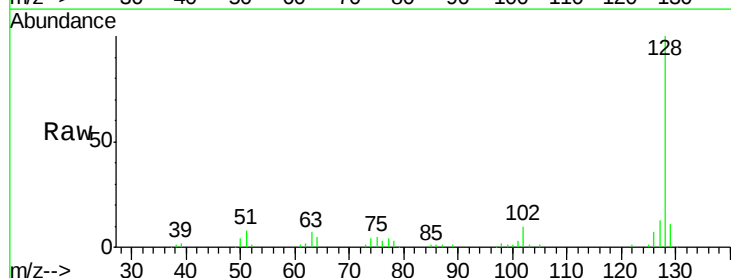


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

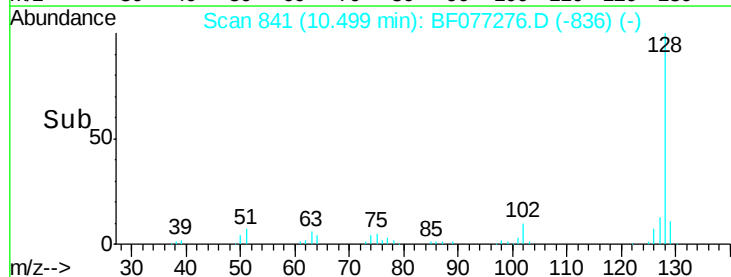
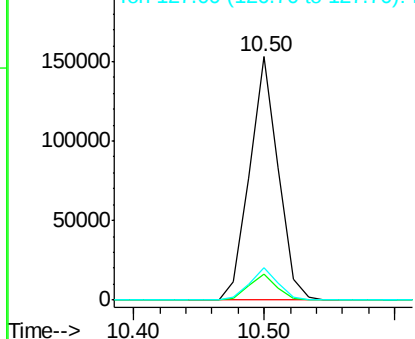


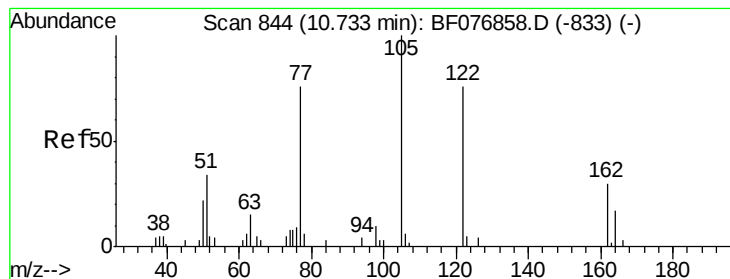
#31
 Naphthalene
 Concen: 33.75 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion:128 Resp: 234164
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.0 13.6
 127 13.2 10.2 15.2



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





#32

Benzoic acid

Concen: 10.35 ng

RT: 10.36 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

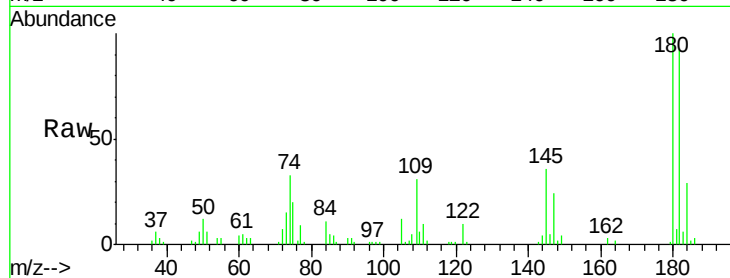
Tgt Ion:122 Resp: 10991

Ion Ratio Lower Upper

122 100

105 126.7 111.3 151.3

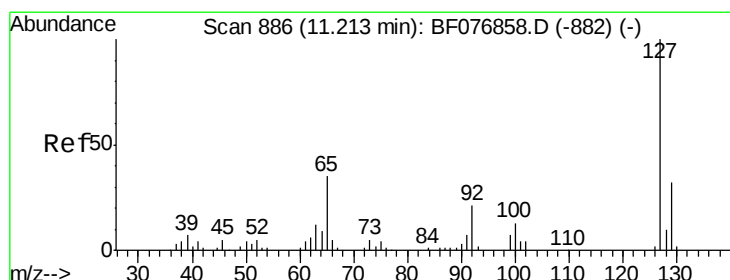
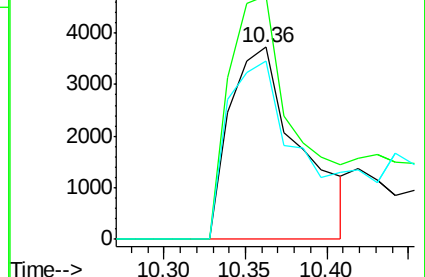
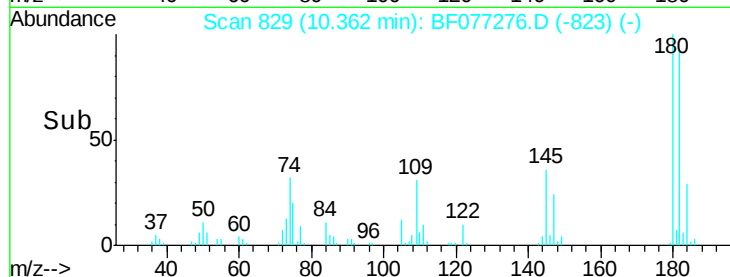
77 92.8 79.2 119.2



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: 16.59 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Tgt Ion:127 Resp: 46509

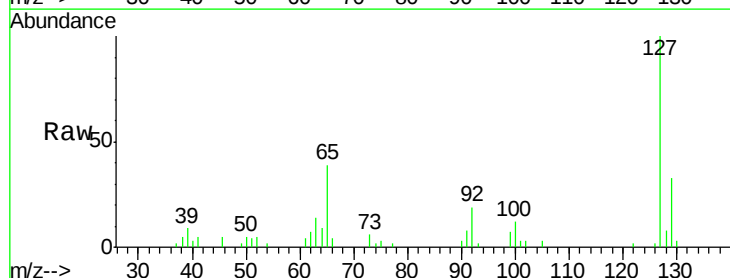
Ion Ratio Lower Upper

127 100

129 33.3 25.3 37.9

65 39.1 27.8 41.6

92 18.8 16.5 24.7

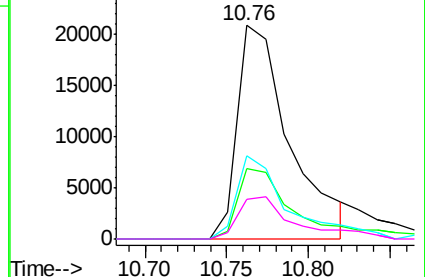
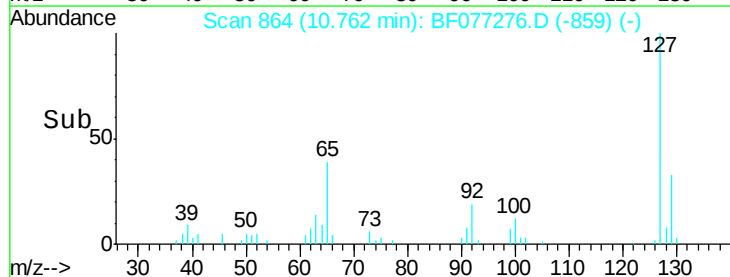


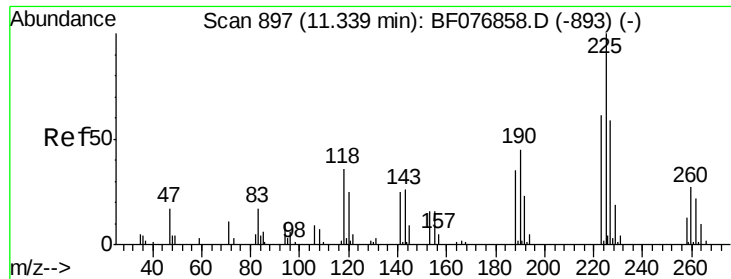
Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.61 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

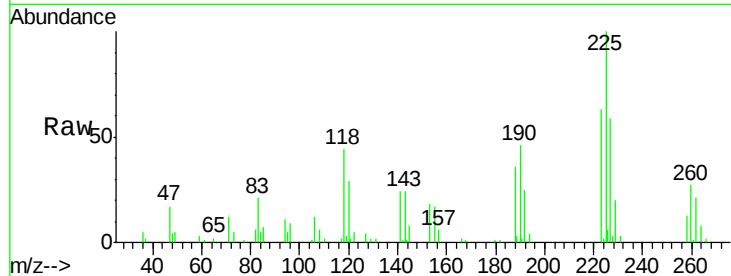
Tgt Ion:225 Resp: 41913

Ion Ratio Lower Upper

225 100

223 62.9 49.1 73.7

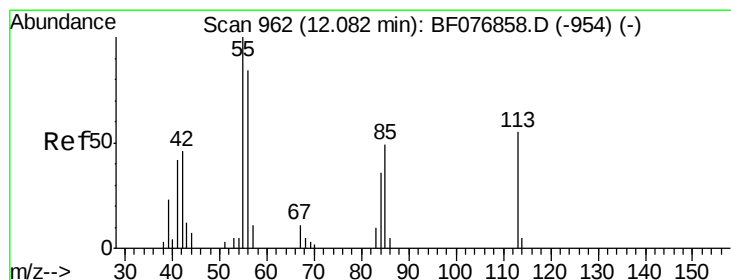
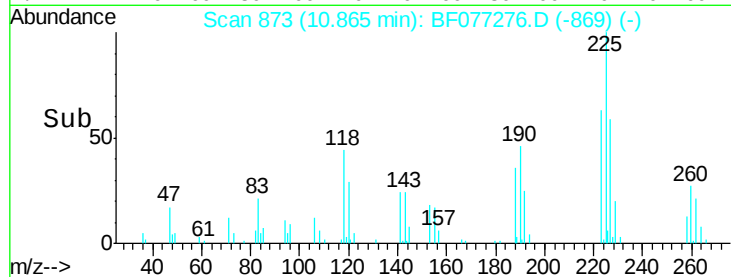
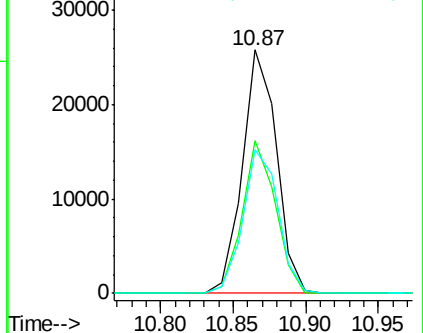
227 59.1 47.5 71.3



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: 26.78 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

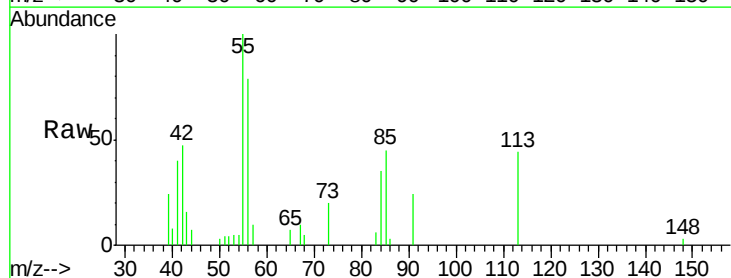
Tgt Ion:113 Resp: 14078

Ion Ratio Lower Upper

113 100

55 227.5 162.1 202.1#

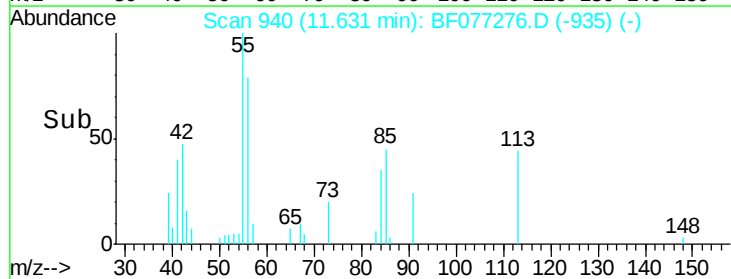
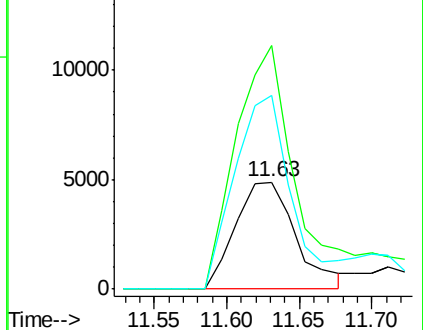
56 180.5 133.7 173.7#

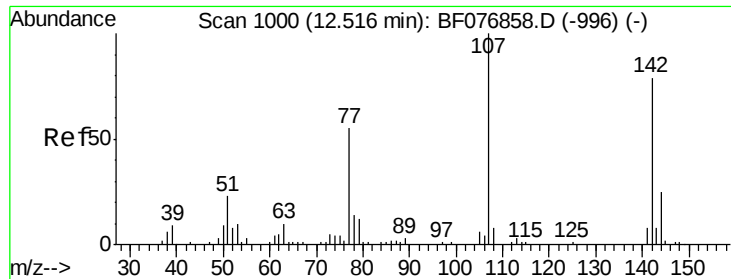


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

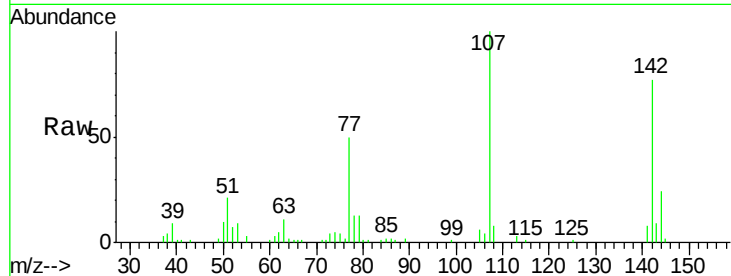




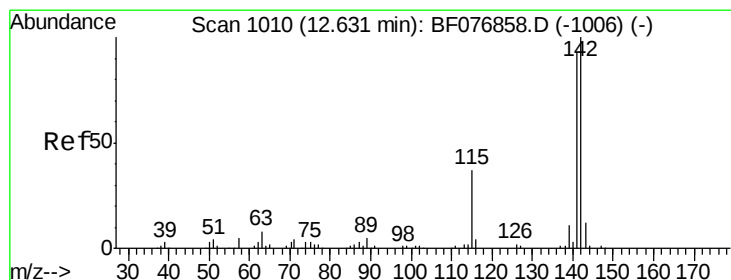
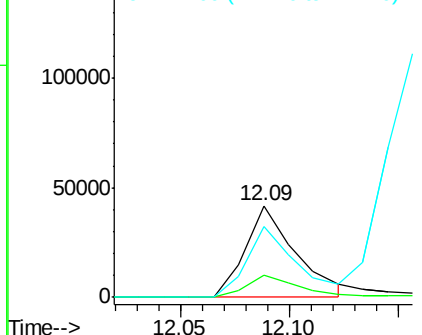
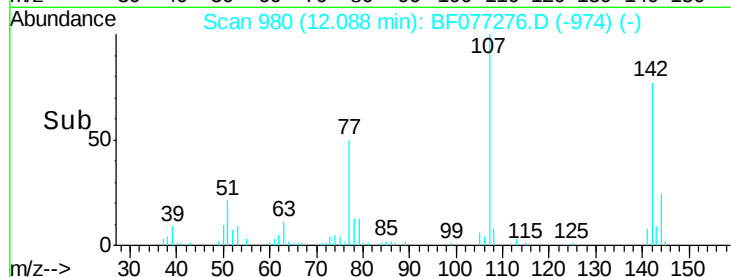
#36
 4-Chloro-3-methylphenol
 Concen: 33.05 ng
 RT: 12.09 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

Tgt Ion:107 Resp: 67581
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.0 30.0
 142 76.8 63.5 95.3

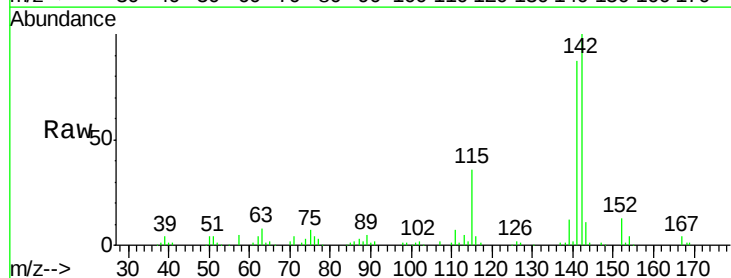


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

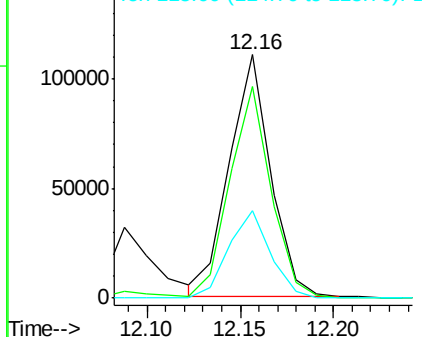
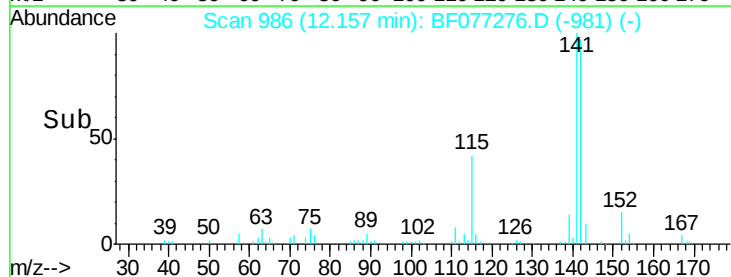


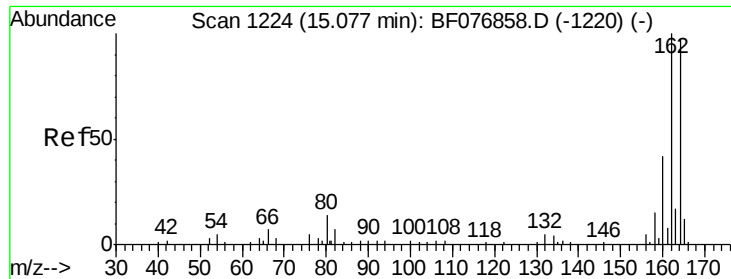
#37
 2-Methylnaphthalene
 Concen: 35.94 ng
 RT: 12.16 min Scan# 986
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion:142 Resp: 170265
 Ion Ratio Lower Upper
 142 100
 141 87.0 74.5 111.7
 115 35.8 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: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

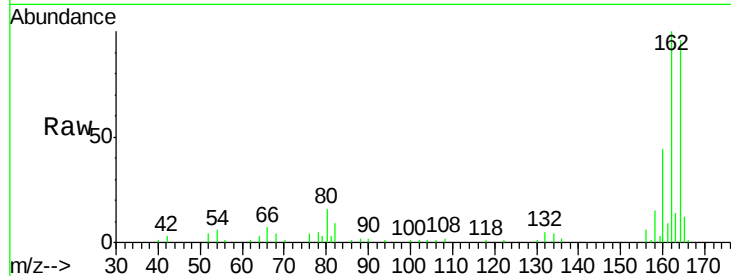
Tgt Ion:164 Resp: 74998

Ion Ratio Lower Upper

164 100

162 104.6 82.4 123.6

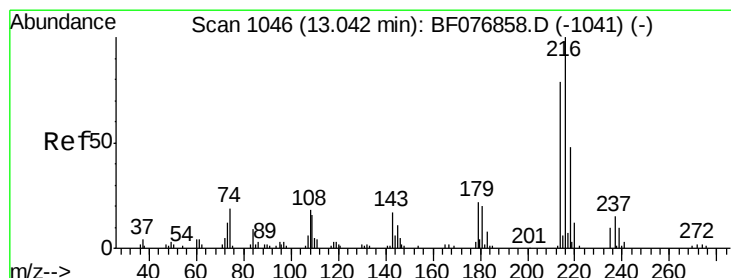
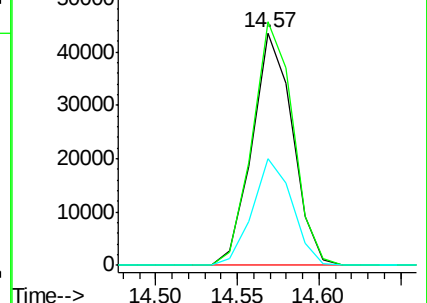
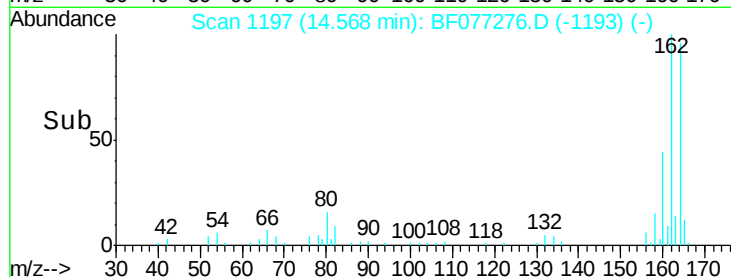
160 45.9 34.8 52.2



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: 34.67 ng

RT: 12.56 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Tgt Ion:216 Resp: 64294

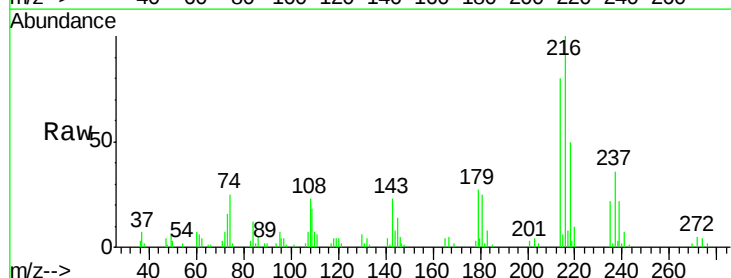
Ion Ratio Lower Upper

216 100

214 79.3 64.9 97.3

179 24.7 18.6 28.0

108 24.5 18.1 27.1

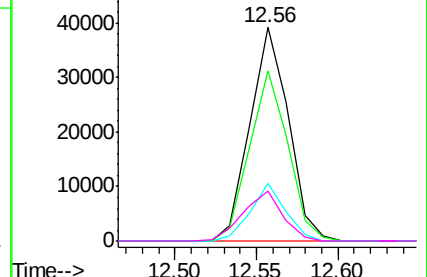
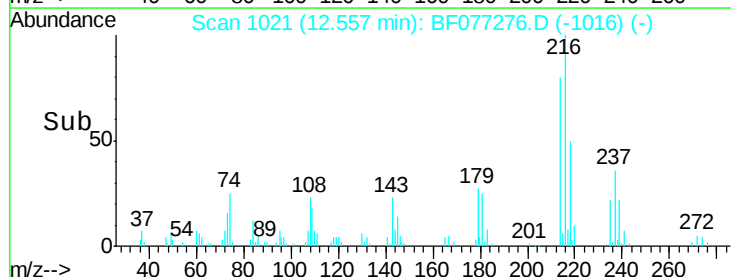


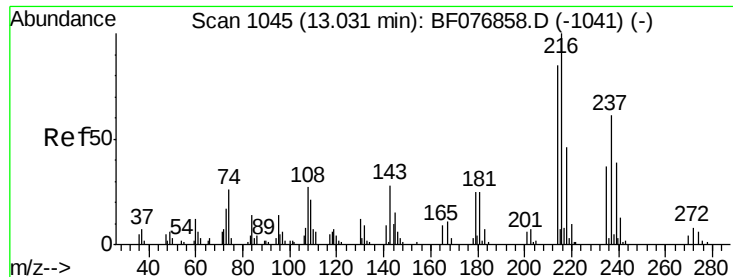
Abundance Ion 216.00 (215.70 to 216.70): E

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

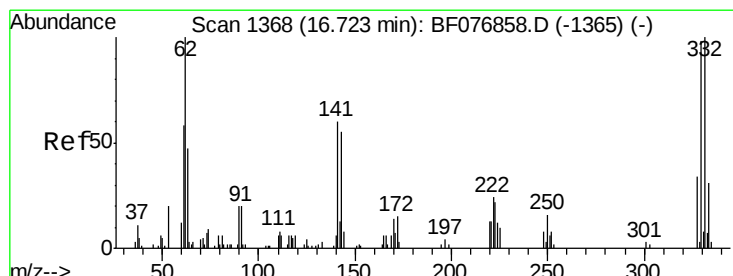
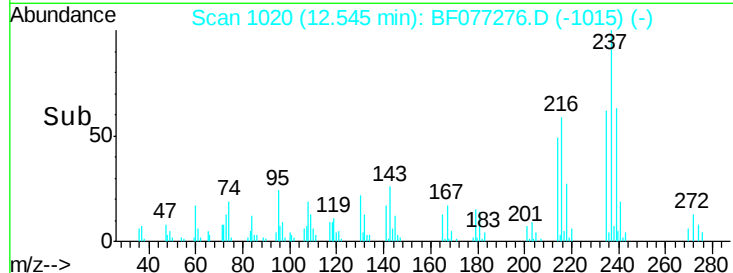
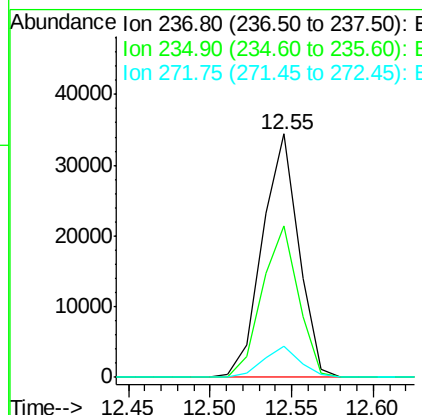
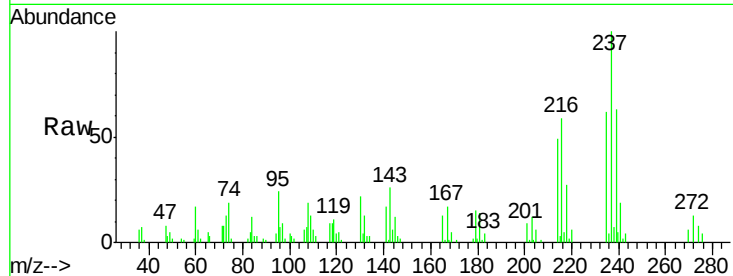




#40
 Hexachlorocyclopentadiene
 Concen: 54.99 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

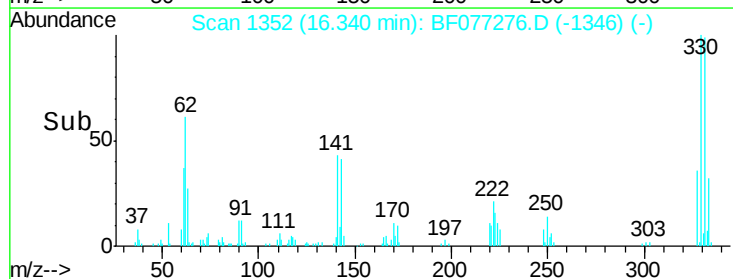
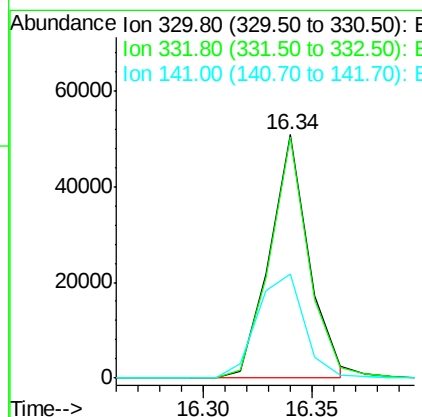
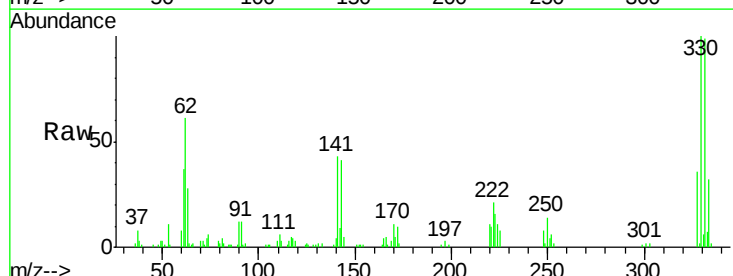
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

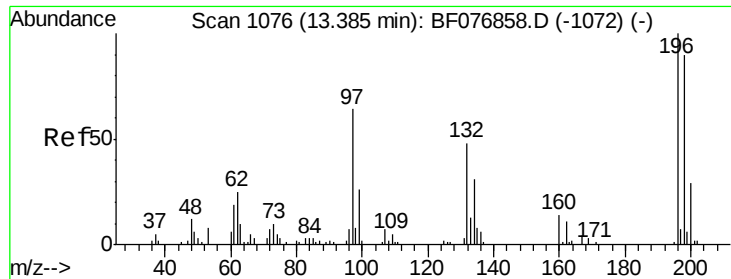
Tgt Ion:	237	Resp:	53371
Ion Ratio	Lower	Upper	
237	100		
235	62.5	40.4	80.4
272	12.6	0.0	33.2



#41
 2,4,6-Tribromophenol
 Concen: 105.65 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion:	330	Resp:	64318
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.8	116.6
141	51.2	38.5	57.7

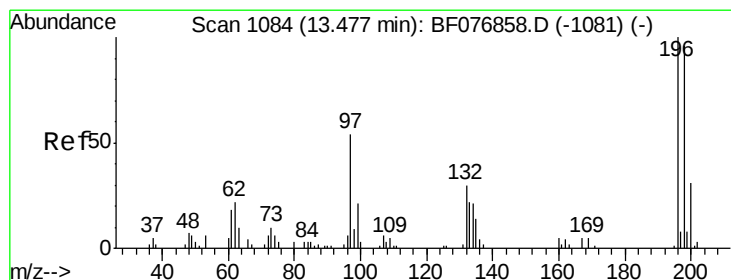
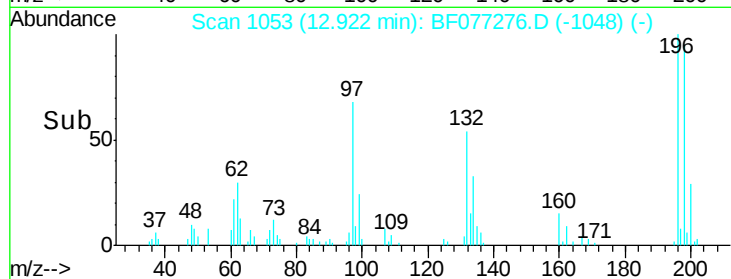
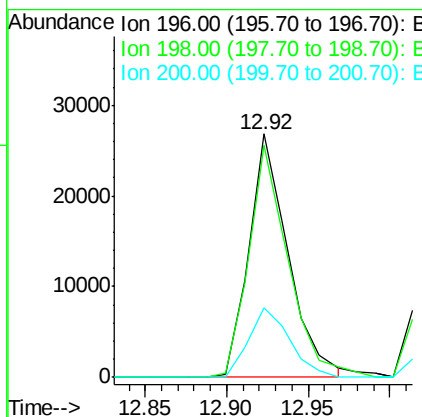
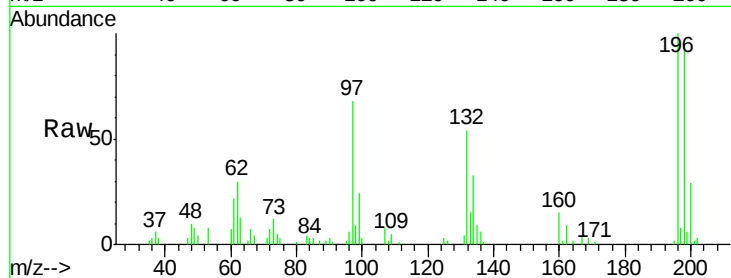




#42
 2,4,6-Trichlorophenol
 Concen: 33.03 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

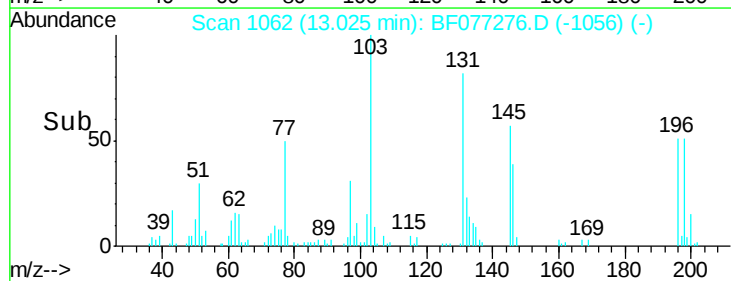
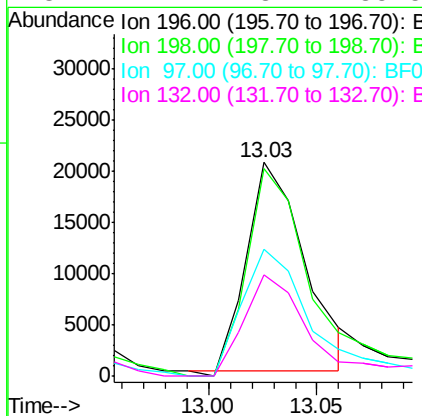
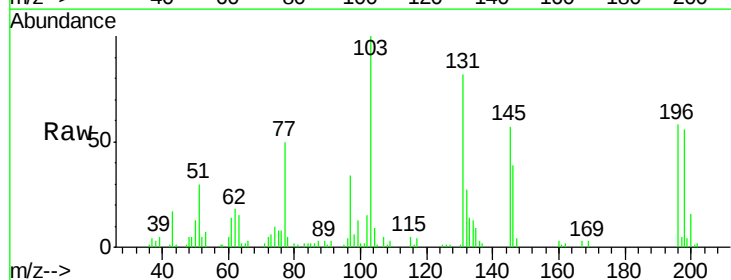
Instrument :
 BNA_F
 ClientSampled :
 UB9BMS

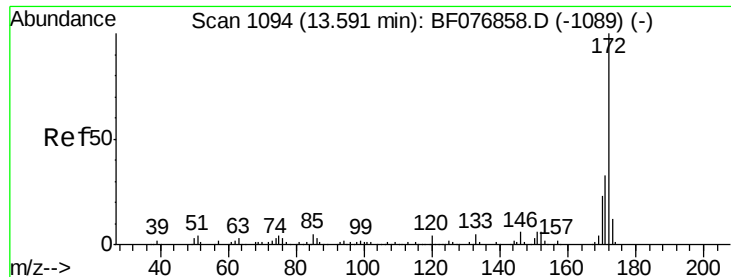
Tgt Ion:196 Resp: 44627
 Ion Ratio Lower Upper
 196 100
 198 95.4 72.0 108.0
 200 28.5 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 27.60 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion:196 Resp: 38035
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 97 59.2 43.4 65.0
 132 47.2 23.7 35.5#

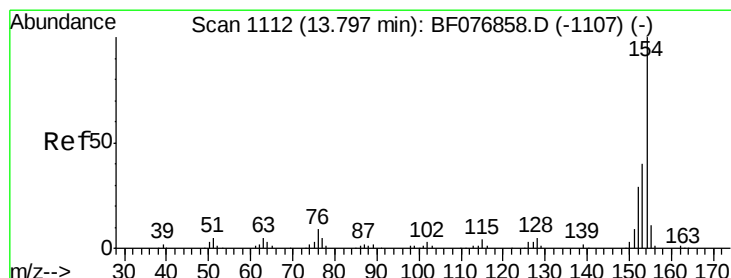
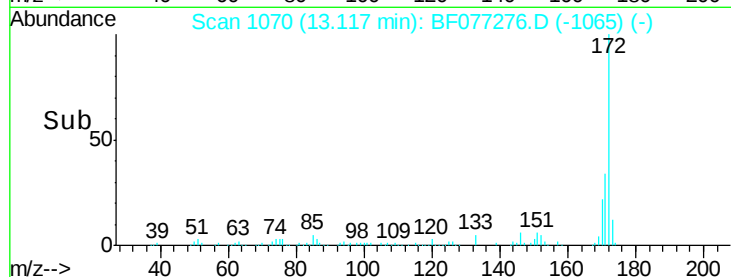
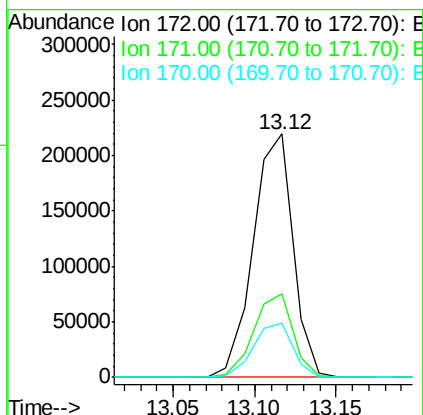
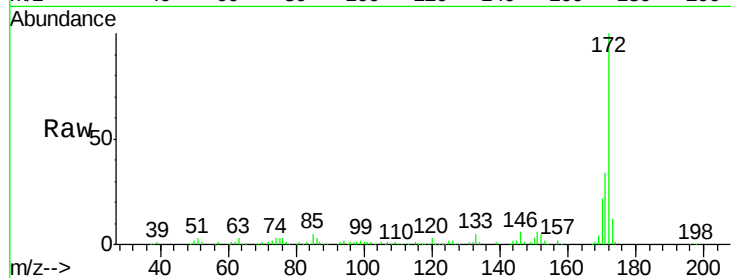




#44
2-Fluorobiphenyl
Concen: 75.45 ng
RT: 13.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

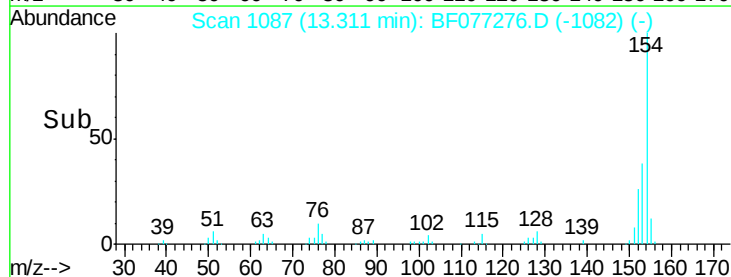
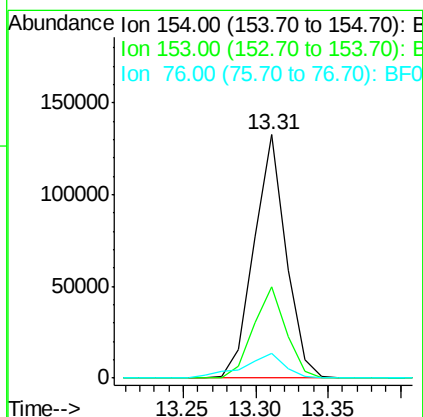
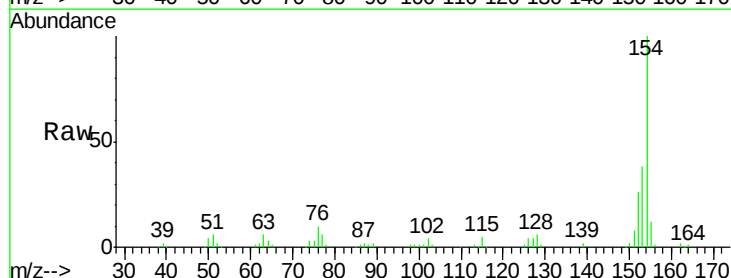
Instrument :
BNA_F
ClientSampleId :
UB9BMS

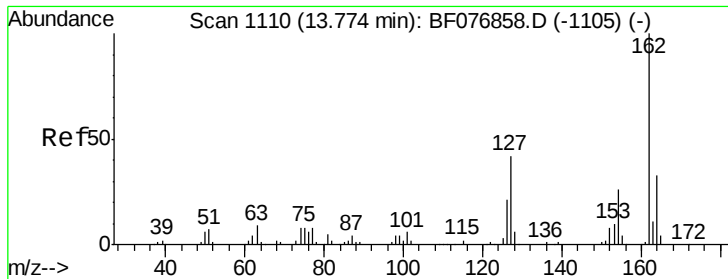
Tgt Ion:172 Resp: 371845
Ion Ratio Lower Upper
172 100
171 34.3 26.6 40.0
170 22.2 18.0 27.0



#45
1,1'-Biphenyl
Concen: 36.53 ng
RT: 13.31 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion:154 Resp: 203088
Ion Ratio Lower Upper
154 100
153 37.7 20.2 60.2
76 10.2 0.0 29.0

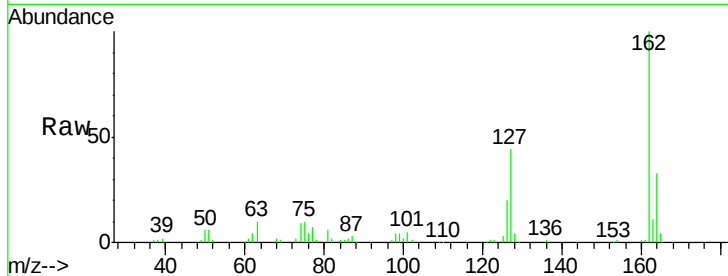




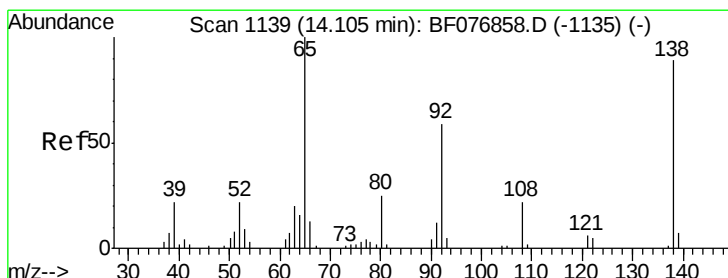
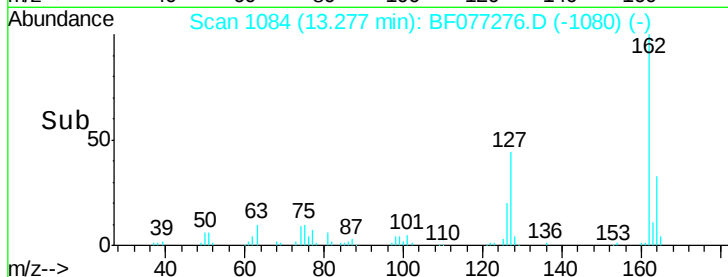
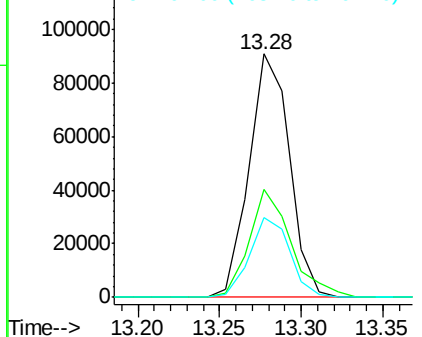
#46
 2-Chloronaphthalene
 Concen: 34.15 ng
 RT: 13.28 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

Tgt Ion: 162 Resp: 156223
 Ion Ratio Lower Upper
 162 100
 127 44.3 33.8 50.6
 164 33.0 26.8 40.2

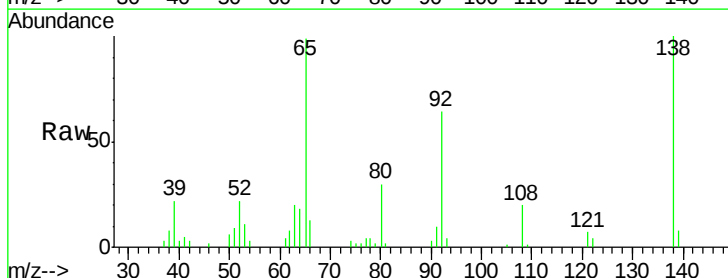


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

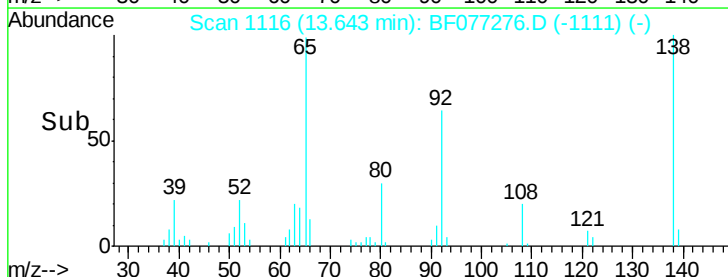
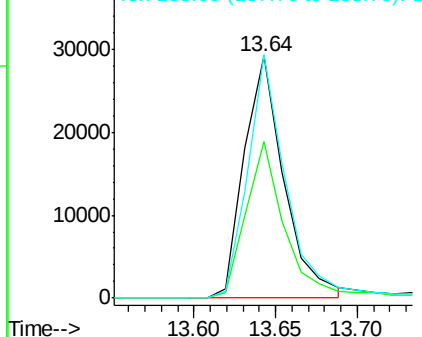


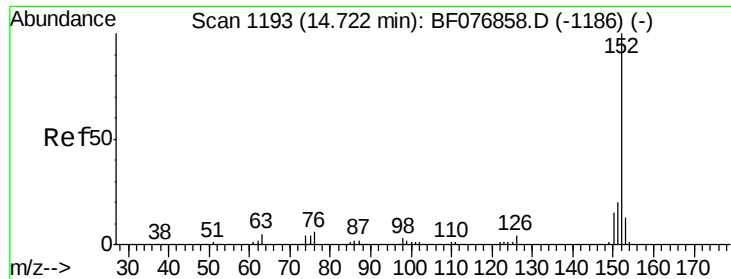
#47
 2-Nitroaniline
 Concen: 35.64 ng
 RT: 13.64 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion: 65 Resp: 49461
 Ion Ratio Lower Upper
 65 100
 92 64.5 47.3 70.9
 138 100.6 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: 32.71 ng

RT: 14.23 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

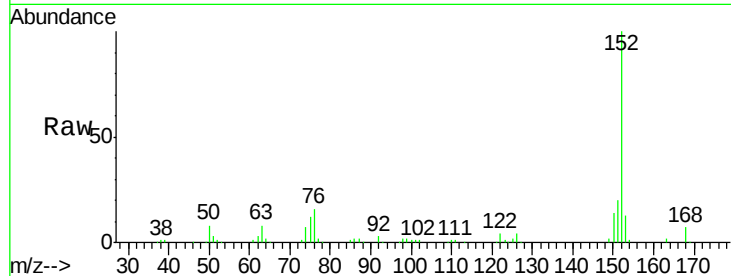
Tgt Ion:152 Resp: 252419

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

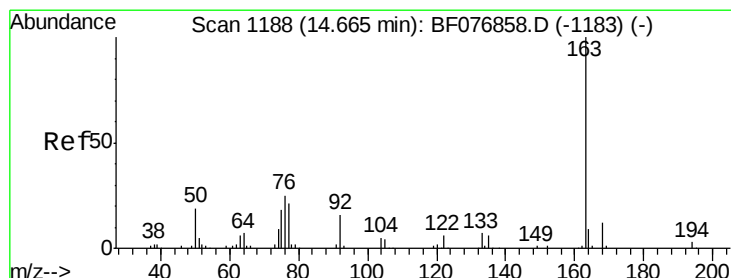
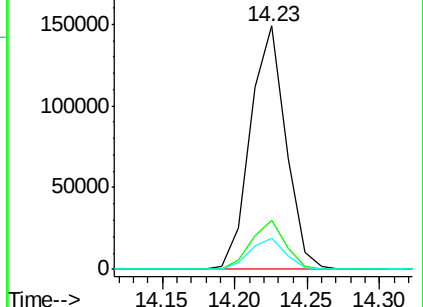
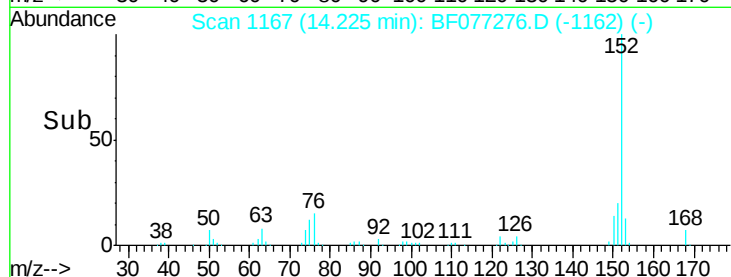
153 12.8 10.2 15.4



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: 36.90 ng

RT: 14.20 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

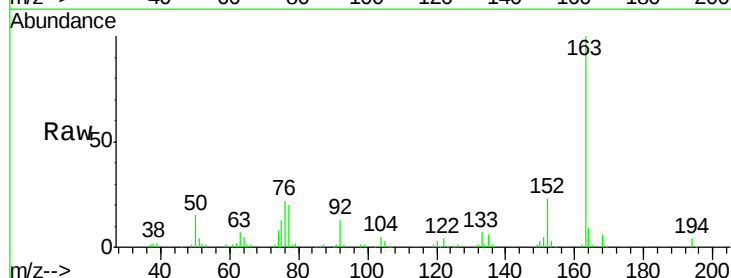
Tgt Ion:163 Resp: 196245

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

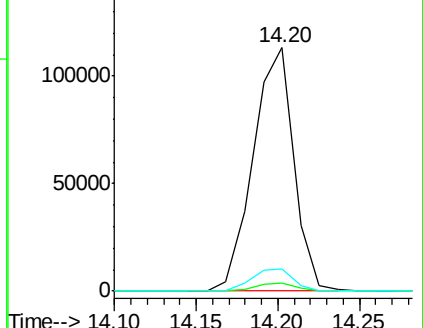
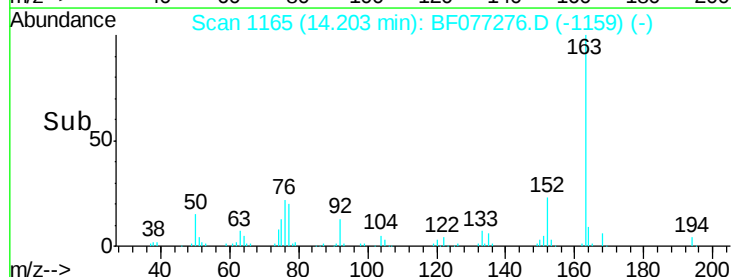
164 9.0 7.5 11.3

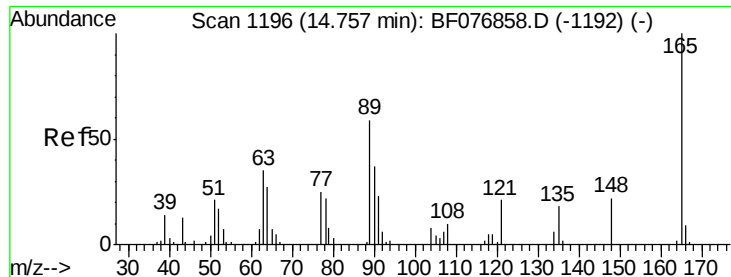


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

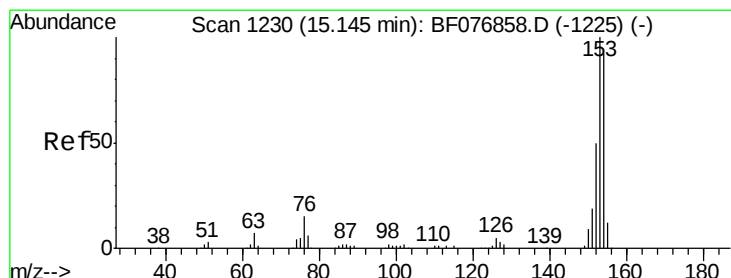
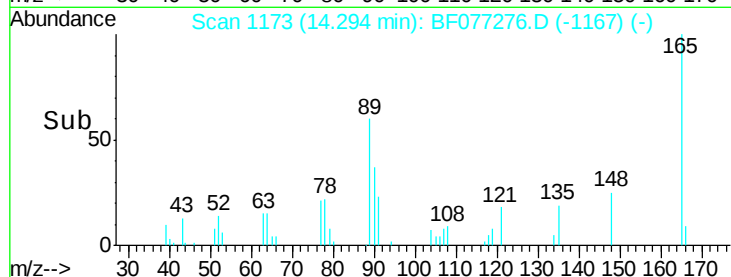
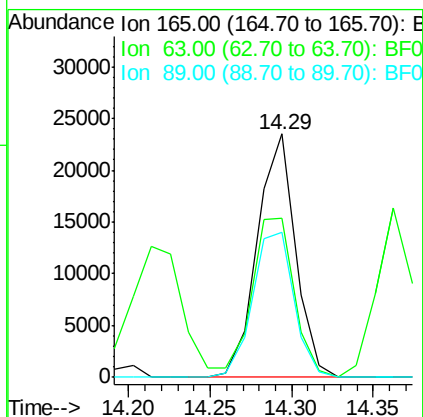
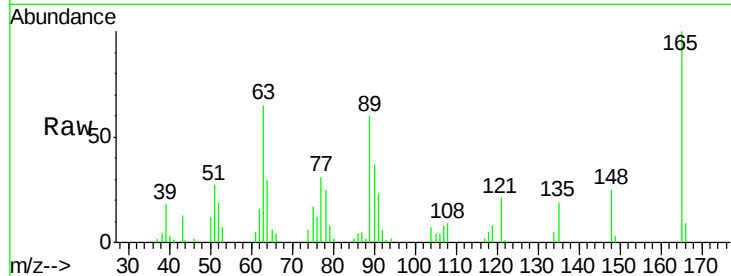




#50
2,6-Dinitrotoluene
Concen: 35.95 ng
RT: 14.29 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

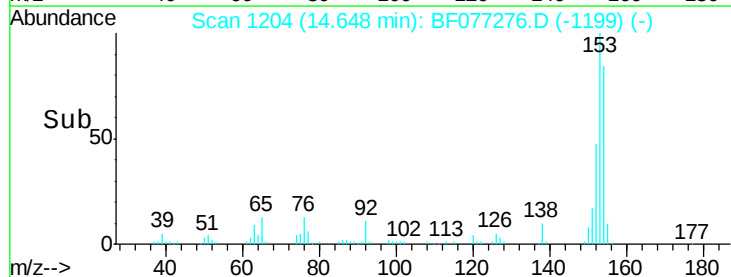
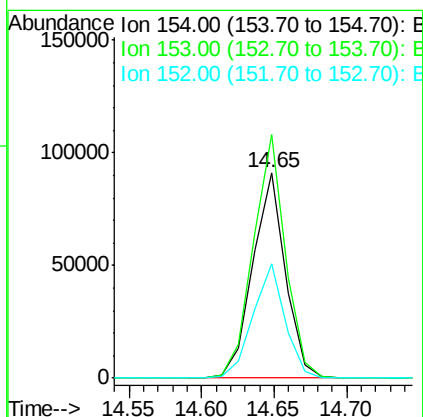
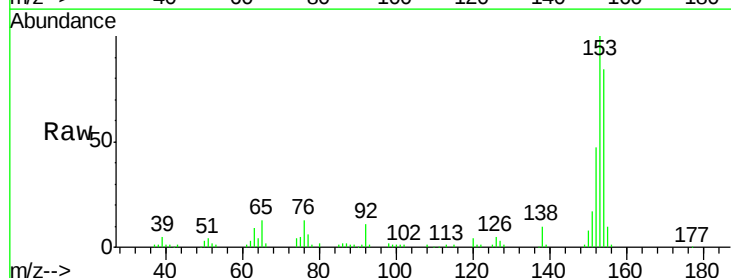
Instrument :
BNA_F
ClientSampleId :
UB9BMS

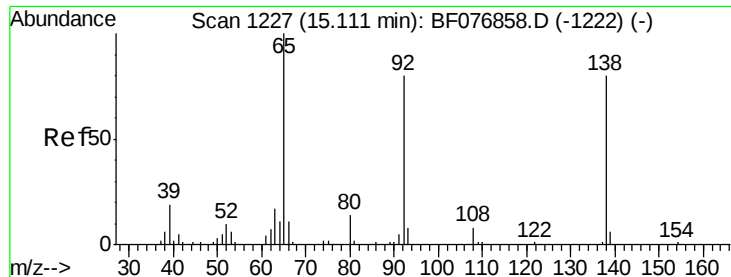
Tgt Ion:165 Resp: 38202
Ion Ratio Lower Upper
165 100
63 65.2 48.1 72.1
89 59.7 47.2 70.8



#51
Acenaphthene
Concen: 32.46 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion:154 Resp: 142130
Ion Ratio Lower Upper
154 100
153 118.4 87.0 130.6
152 55.7 43.5 65.3

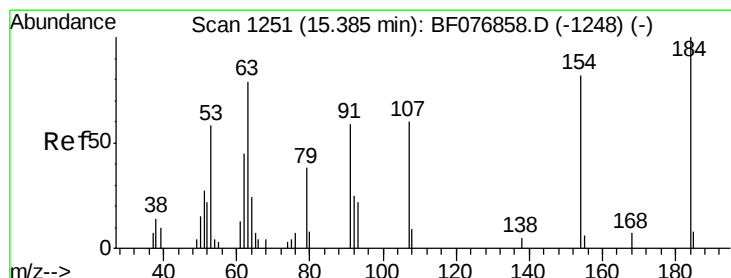
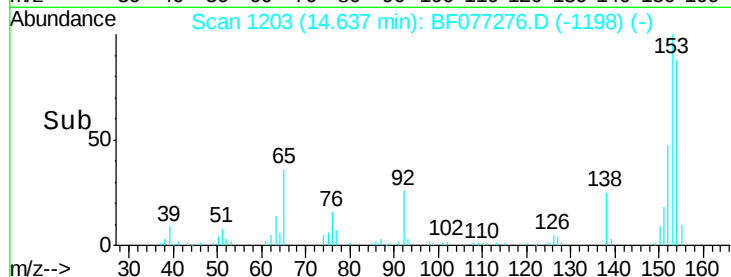
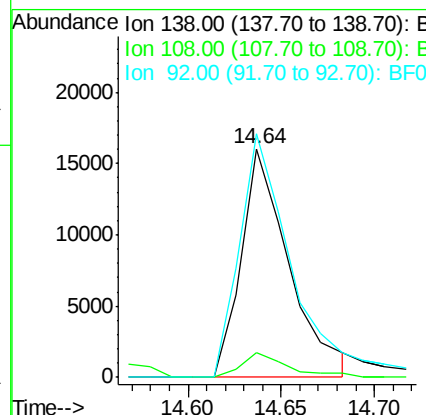
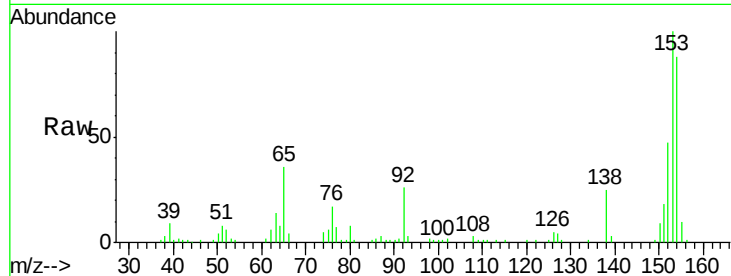




#52
3-Nitroaniline
Concen: 21.74 ng
RT: 14.64 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

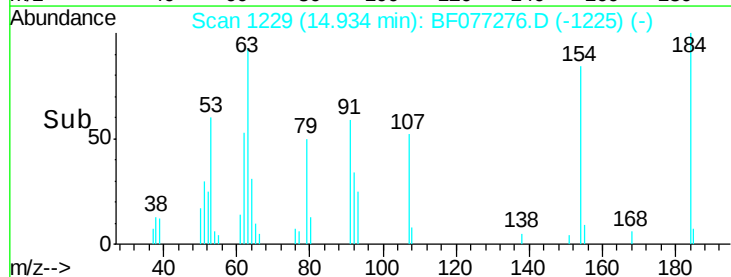
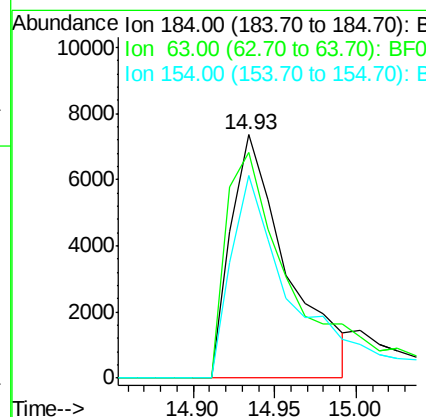
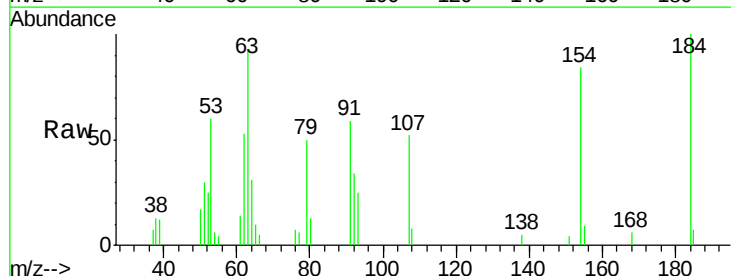
Instrument :
BNA_F
ClientSampleId :
UB9BMS

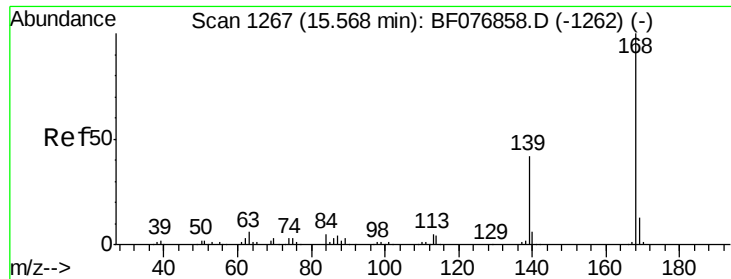
Tgt Ion:138 Resp: 28728
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 106.4 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 42.09 ng
RT: 14.93 min Scan# 1229
Delta R.T. -0.06 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion:184 Resp: 17736
Ion Ratio Lower Upper
184 100
63 92.5 63.0 94.6
154 83.5 65.5 98.3

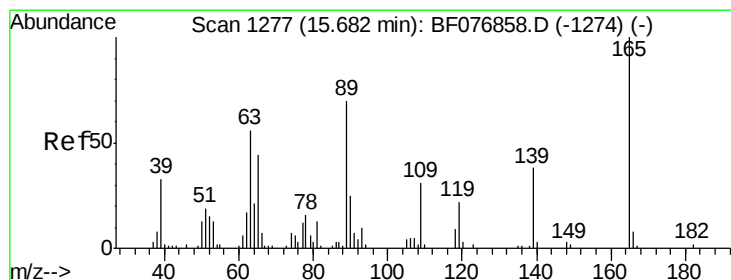
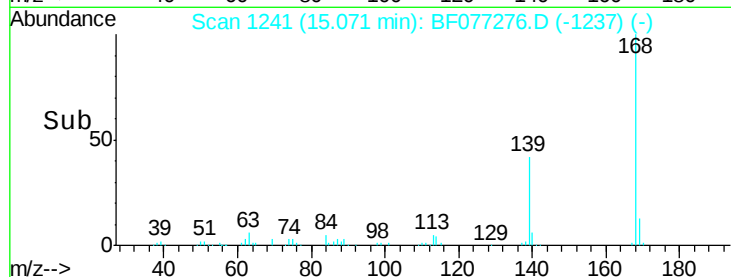
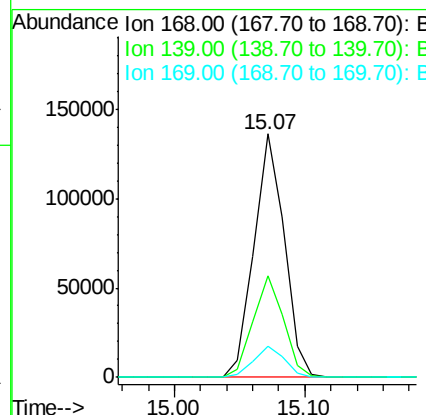
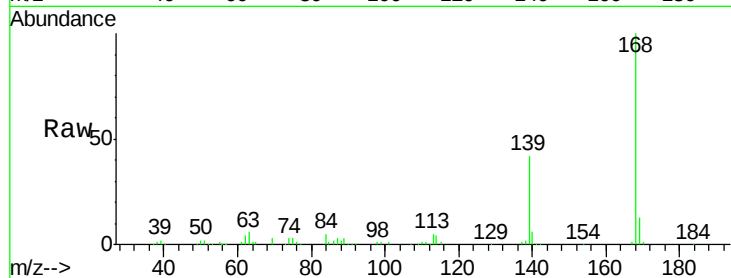




#54
Dibenzenofuran
Concen: 34.74 ng
RT: 15.07 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

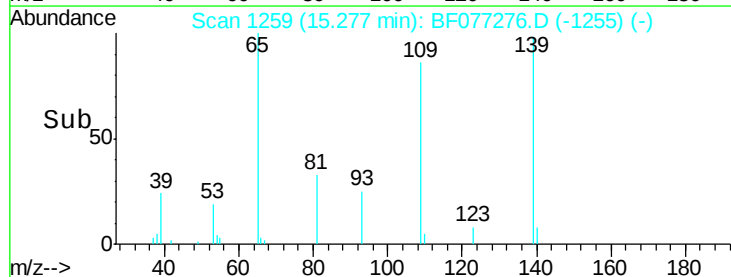
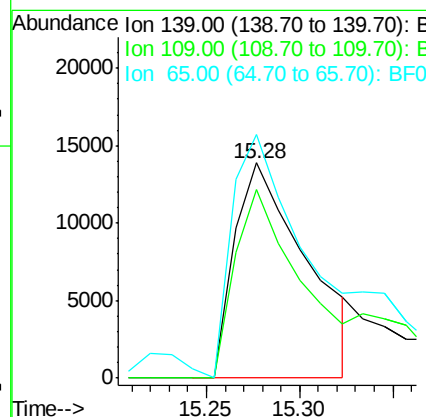
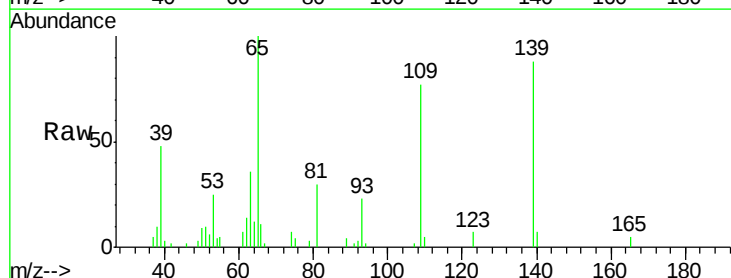
Instrument :
BNA_F
ClientSampled :
UB9BMS

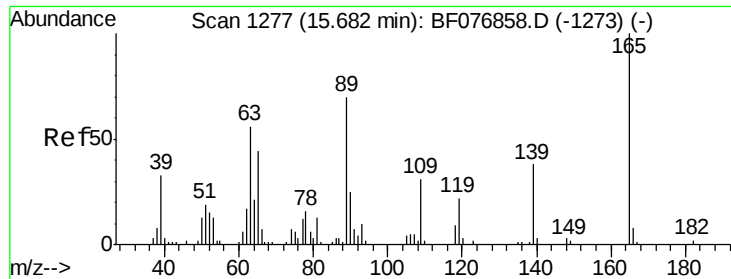
Tgt Ion:168 Resp: 221565
Ion Ratio Lower Upper
168 100
139 41.8 33.4 50.2
169 12.7 10.6 15.8



#55
4-Nitrophenol
Concen: 44.60 ng
RT: 15.28 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion:139 Resp: 37183
Ion Ratio Lower Upper
139 100
109 87.3 61.0 101.0
65 113.1 96.6 136.6

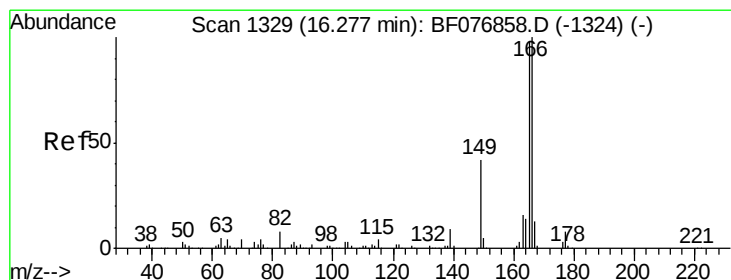
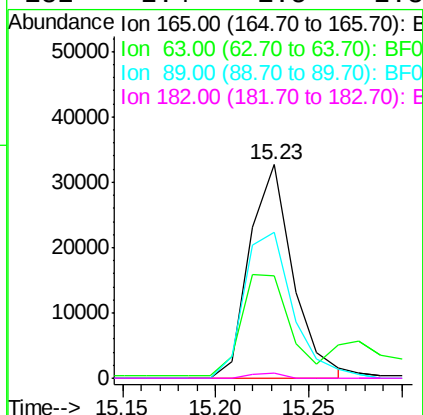
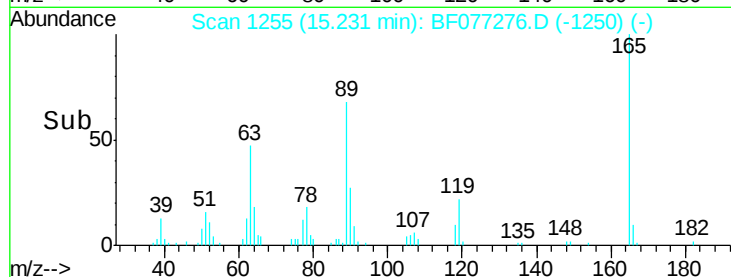
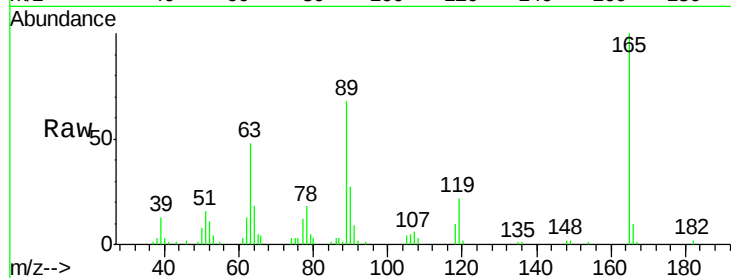




#56
2,4-Dinitrotoluene
Concen: 33.74 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

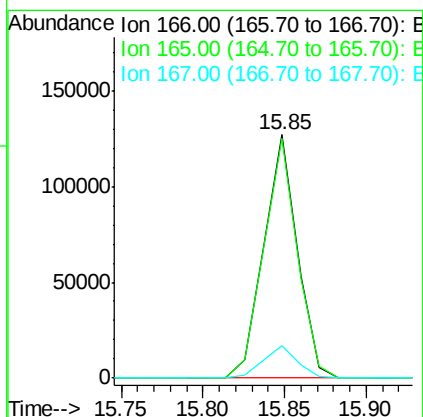
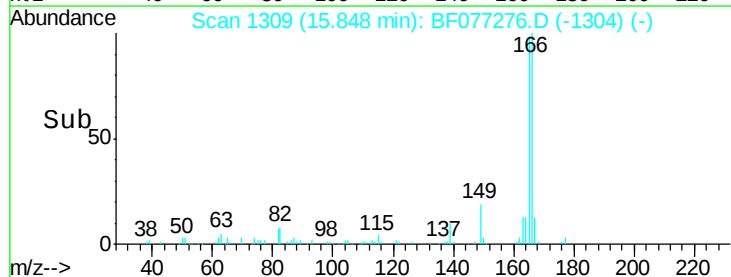
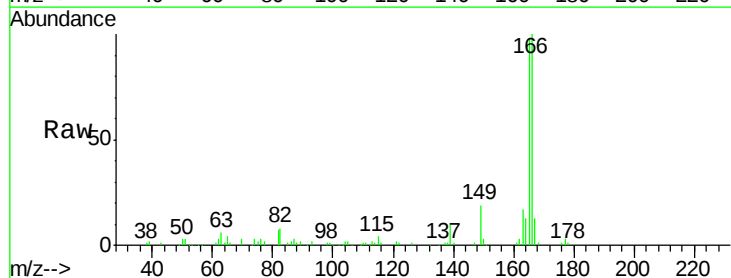
Instrument :
BNA_F
ClientSampleId :
UB9BMS

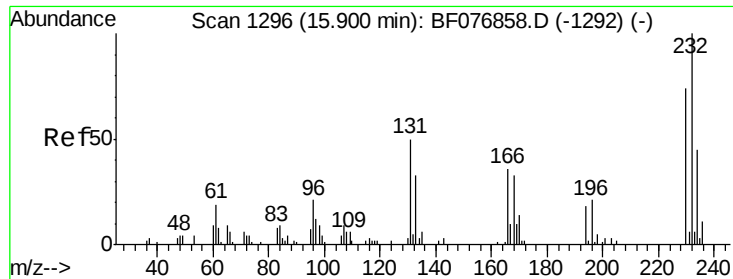
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	44.8	67.2
89	68.3	56.2	84.2
182	2.4	1.5	2.3#



#57
Fluorene
Concen: 33.75 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	13.1	10.4	15.6

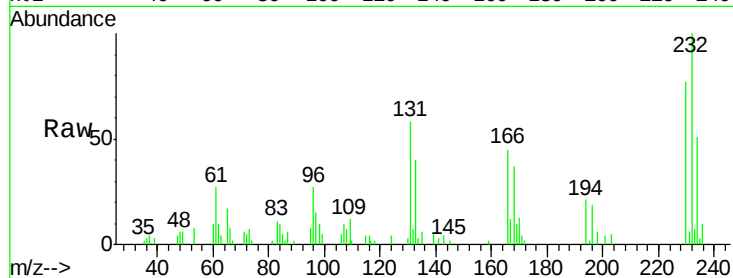




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.61 ng
 RT: 15.45 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

Tgt Ion:	232	Resp:	28703
Ion	Ratio	Lower	Upper
232	100		
131	59.7	45.0	67.6
130	3.0	2.6	3.8
166	46.2	30.9	46.3

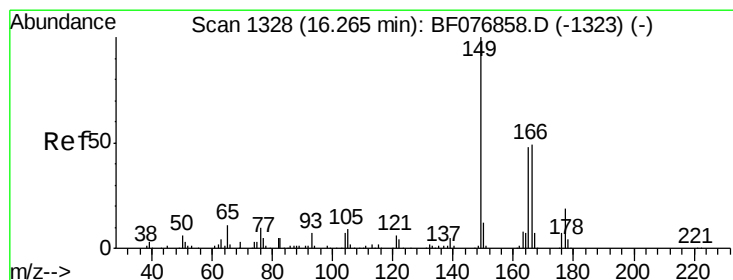
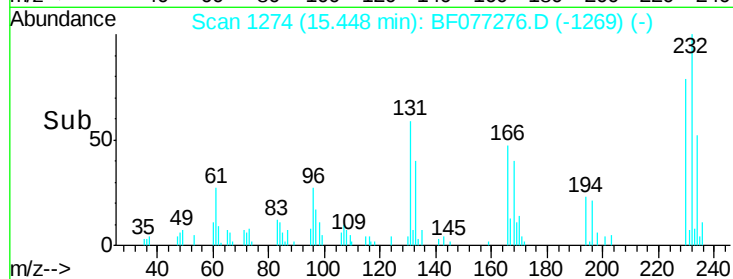
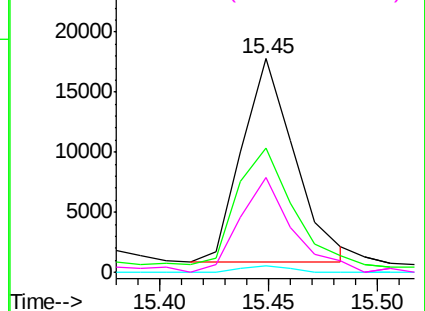


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

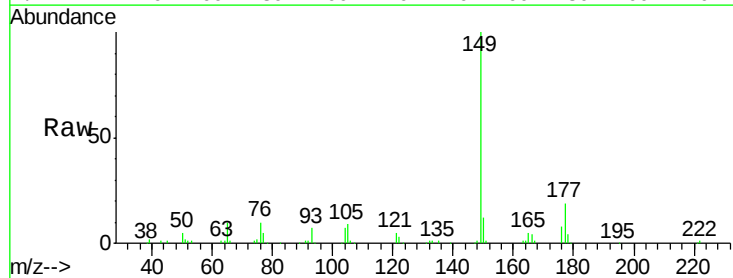
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 37.99 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

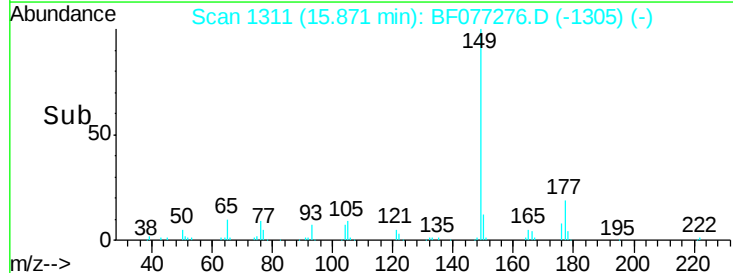
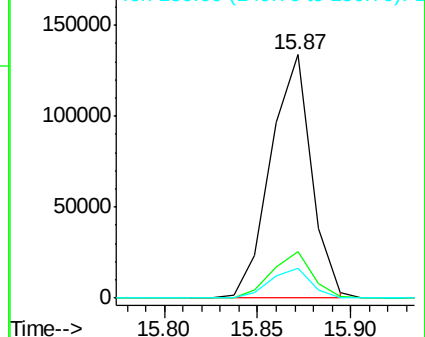
Tgt Ion:	149	Resp:	204230
Ion	Ratio	Lower	Upper
149	100		
177	19.2	15.0	22.6
150	12.0	9.4	14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

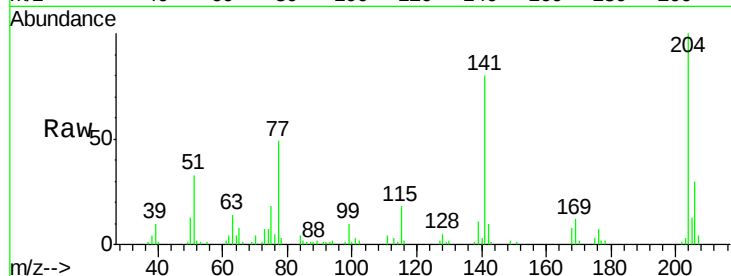




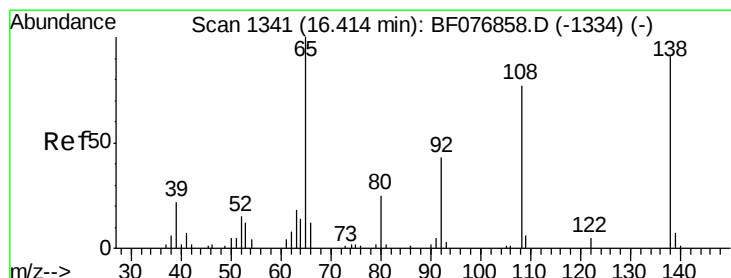
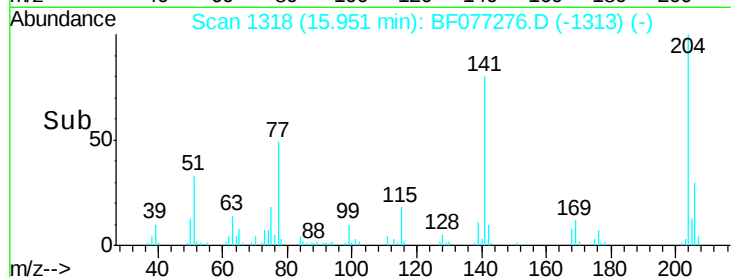
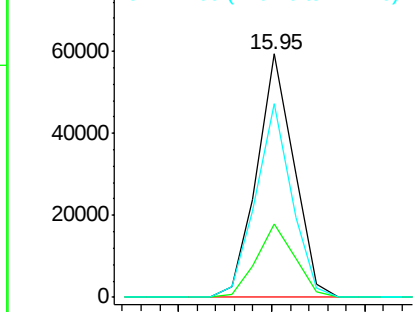
#60
4-Chlorophenyl-phenylether
Concen: 36.93 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Instrument :
BNA_F
ClientSampleId :
UB9BMS

Tgt Ion: 204 Resp: 81657
Ion Ratio Lower Upper
204 100
206 30.1 24.2 36.2
141 79.5 66.7 100.1

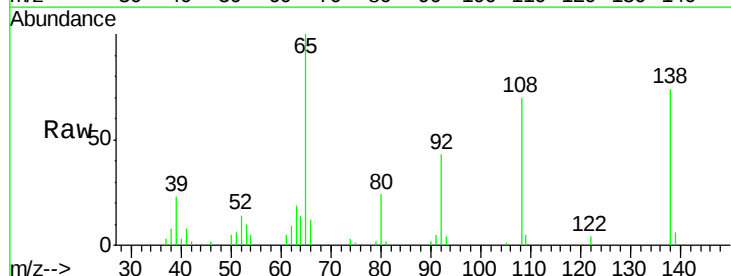


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

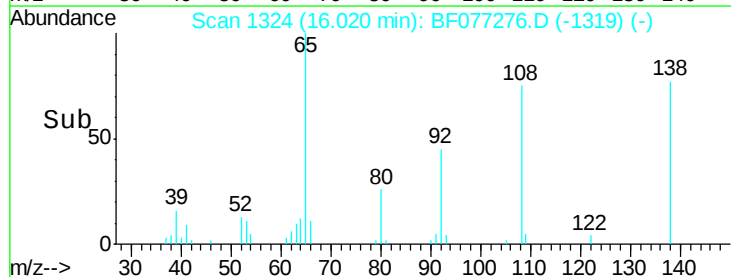
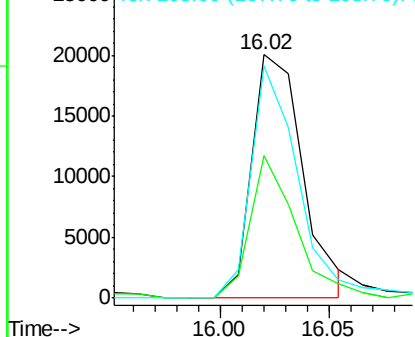


#61
4-Nitroaniline
Concen: 25.34 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion: 138 Resp: 33008
Ion Ratio Lower Upper
138 100
92 58.7 26.7 66.7
108 95.4 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: 35.68 ng

RT: 16.25 min Scan# 1344

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

Tgt Ion: 77 Resp: 199859

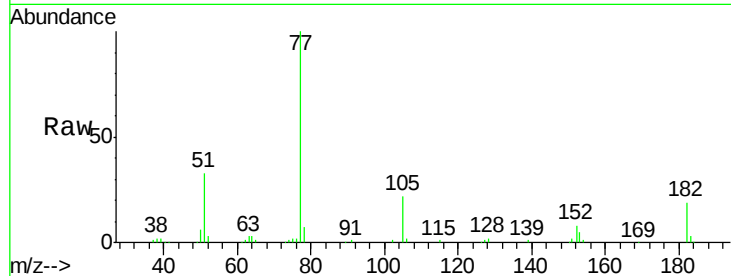
Ion Ratio Lower Upper

77 100

182 19.3 2.0 42.0

105 21.6 2.3 42.3

51 33.2 10.7 50.7

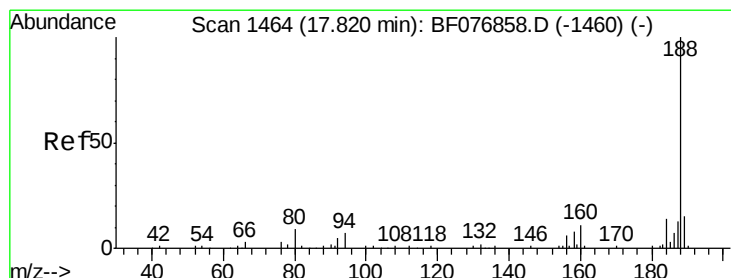
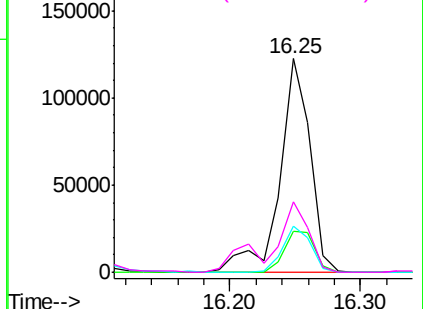
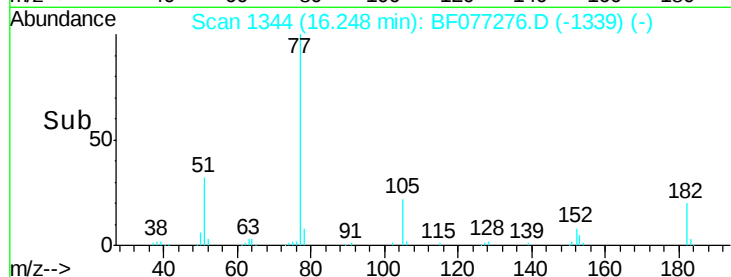


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 1451

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

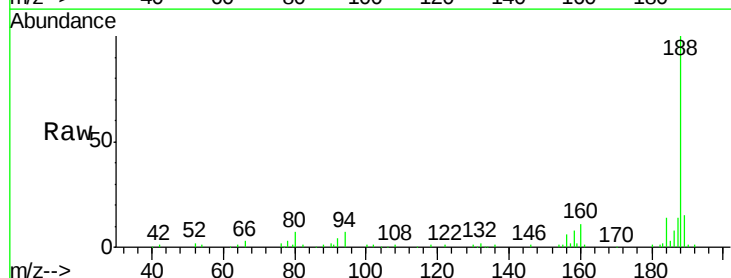
Tgt Ion: 188 Resp: 123682

Ion Ratio Lower Upper

188 100

94 7.1 6.0 9.0

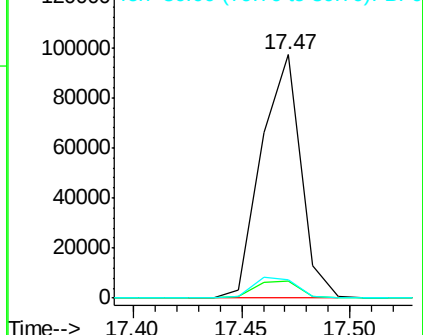
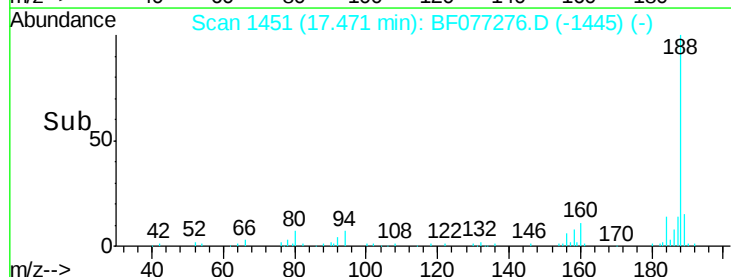
80 7.4 6.9 10.3

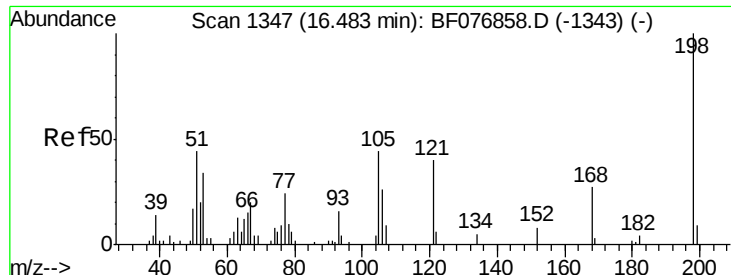


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

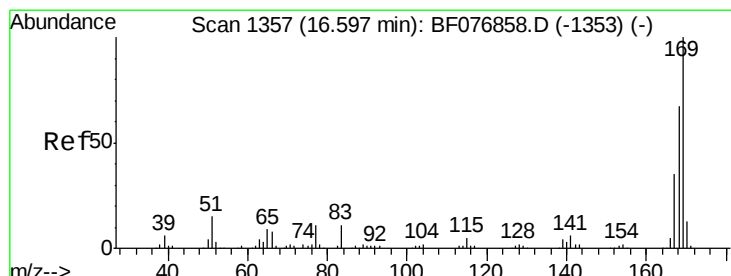
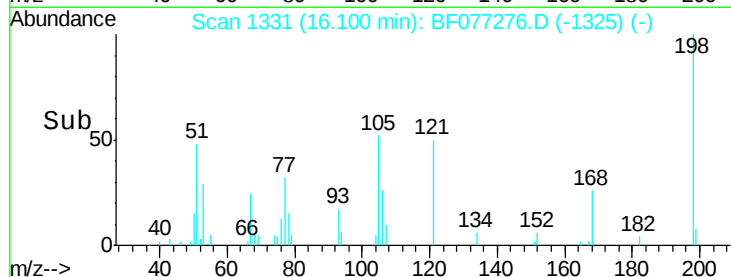
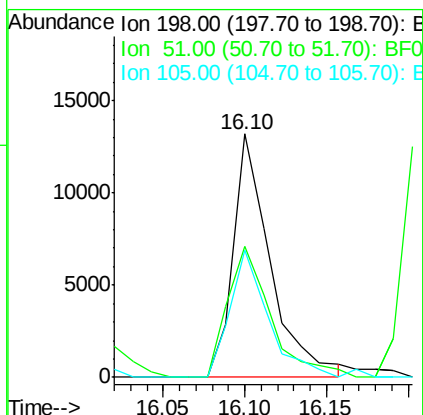
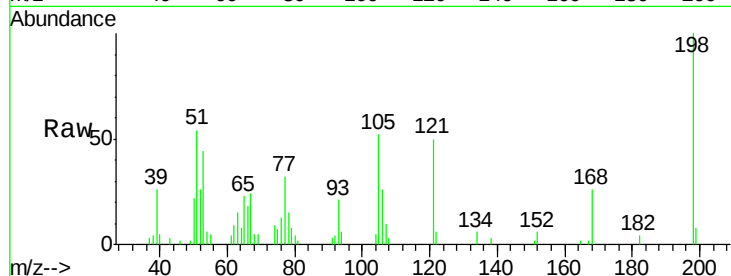




#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.63 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

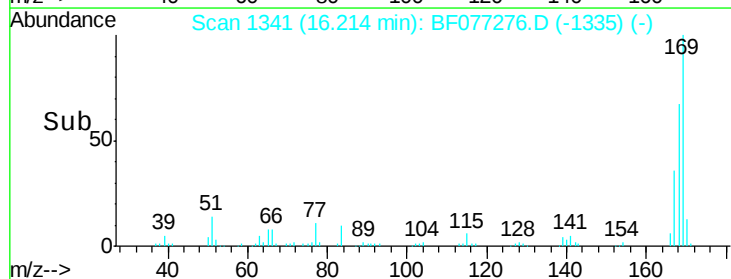
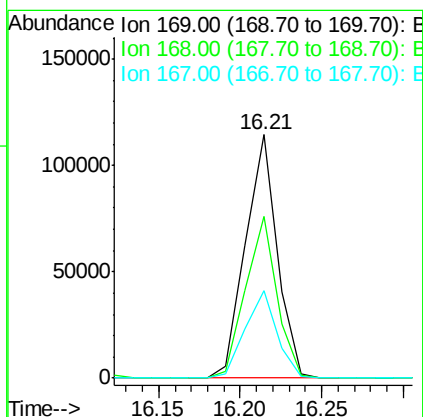
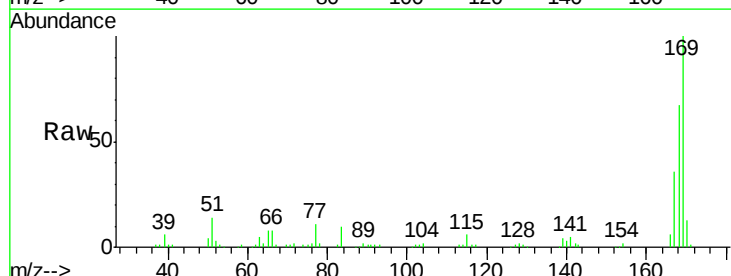
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

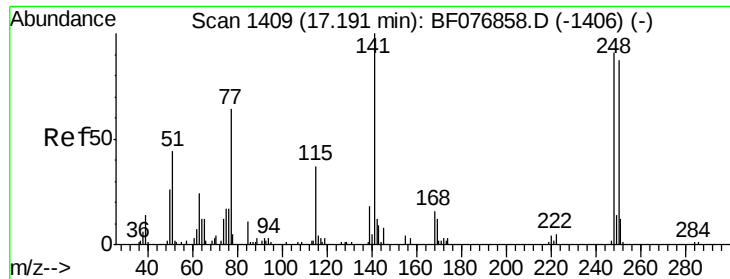
Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.0	24.2	64.2
105	52.0	24.0	64.0



#65
 n-Nitrosodiphenylamine
 Concen: 35.14 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.8	80.6
167	35.8	27.8	41.6

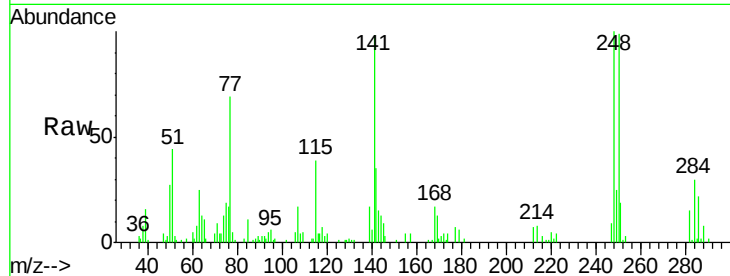




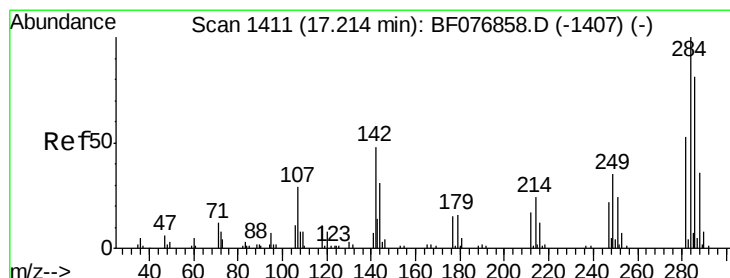
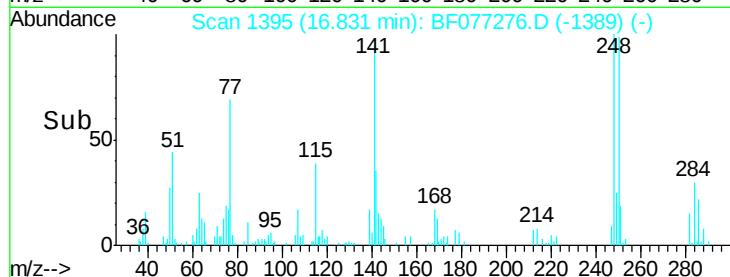
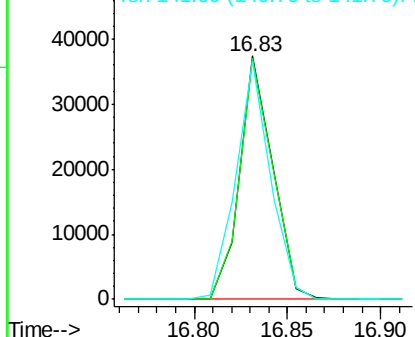
#66
4-Bromophenyl-phenylether
Concen: 37.00 ng
RT: 16.83 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Instrument :
BNA_F
ClientSampleId :
UB9BMS

Tgt Ion:248 Resp: 46363
Ion Ratio Lower Upper
248 100
250 99.0 77.1 115.7
141 98.2 88.2 132.4

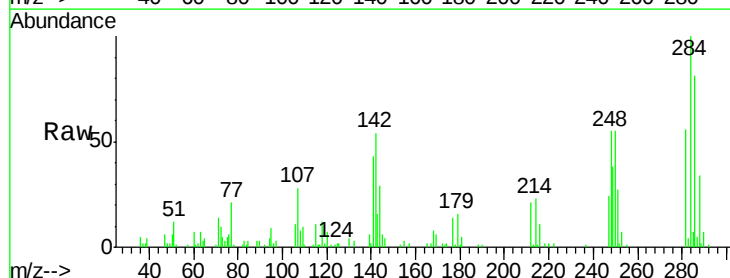


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

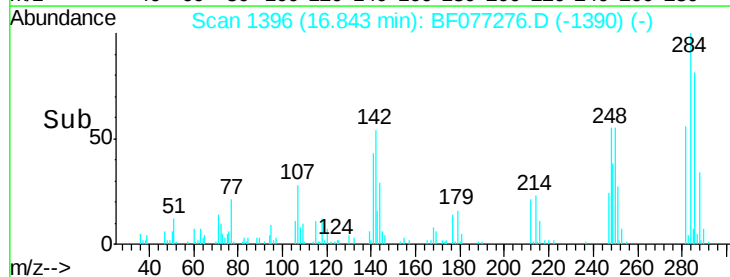
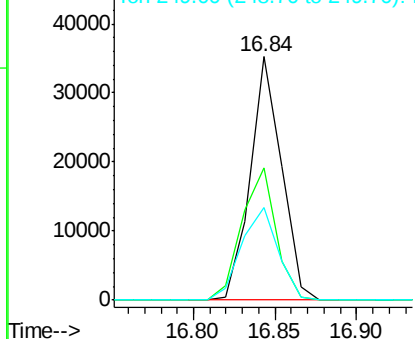


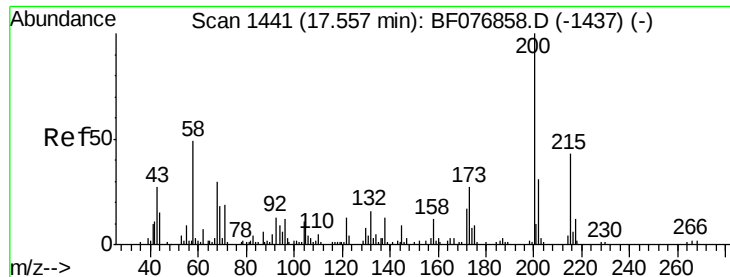
#67
Hexachlorobenzene
Concen: 35.42 ng
RT: 16.84 min Scan# 1396
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion:284 Resp: 46776
Ion Ratio Lower Upper
284 100
142 54.1 38.2 57.4
249 38.1 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: 38.60 ng

RT: 17.23 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampled :

UB9BMS

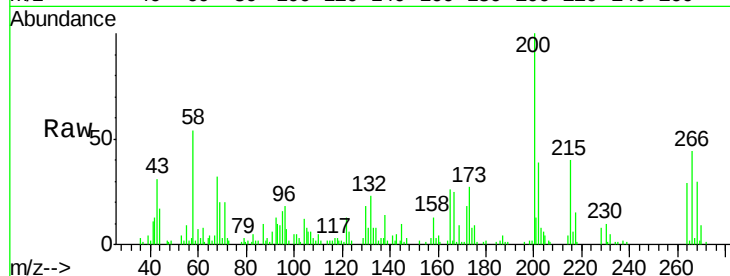
Tgt Ion:200 Resp: 51657

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

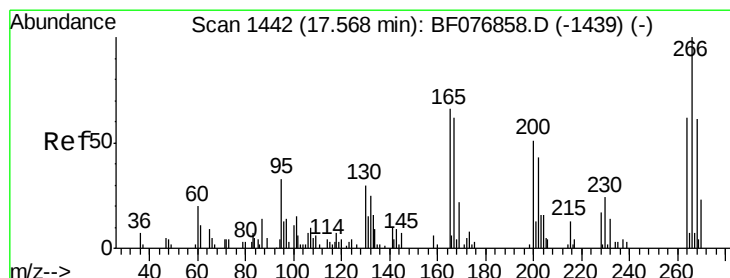
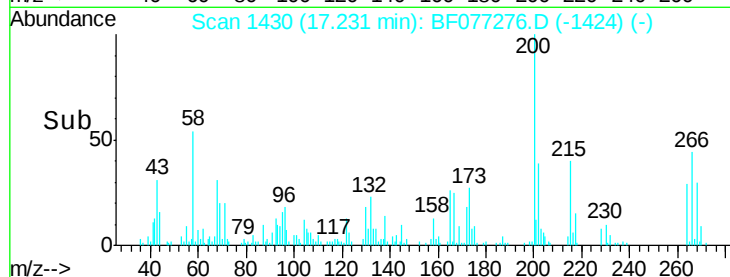
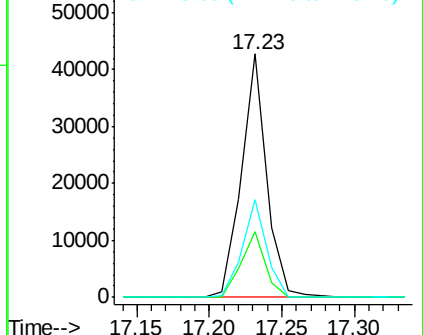
215 40.1 22.9 62.9



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: 50.65 ng

RT: 17.23 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

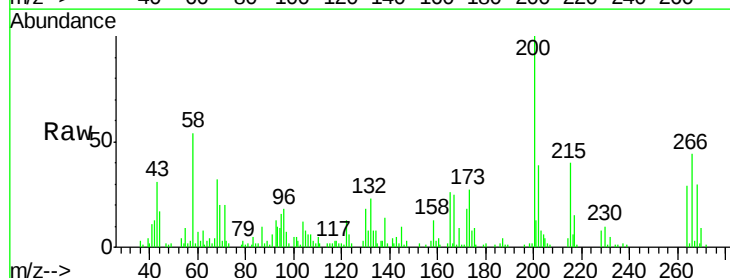
Tgt Ion:266 Resp: 28999

Ion Ratio Lower Upper

266 100

268 66.6 48.6 72.8

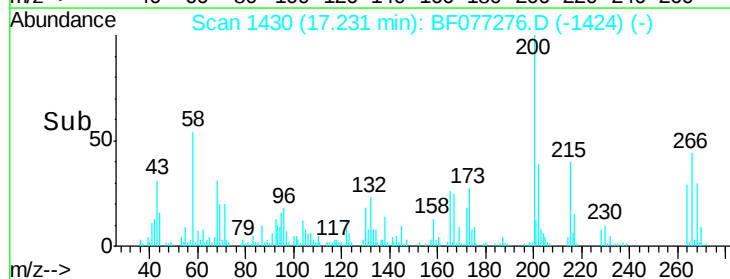
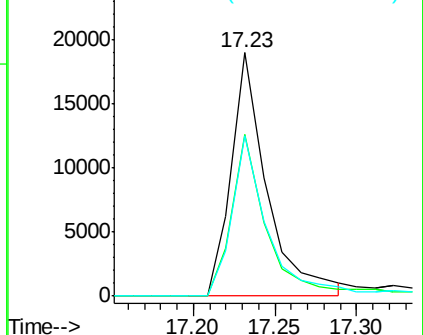
264 66.0 49.5 74.3

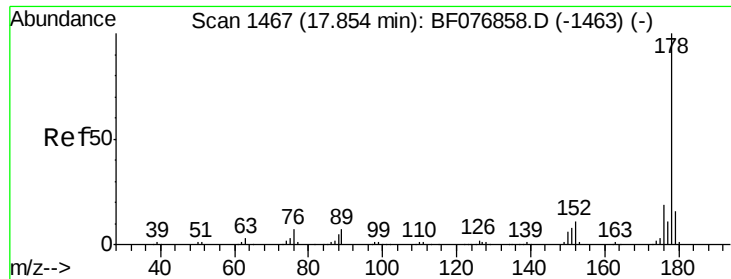


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

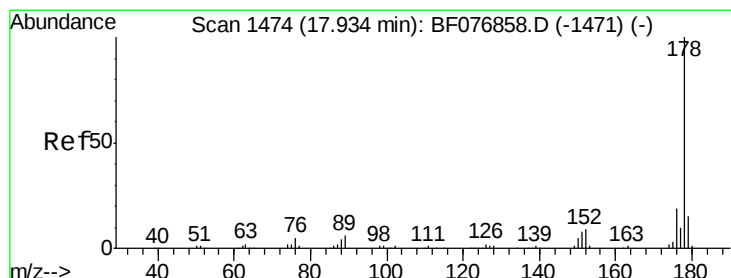
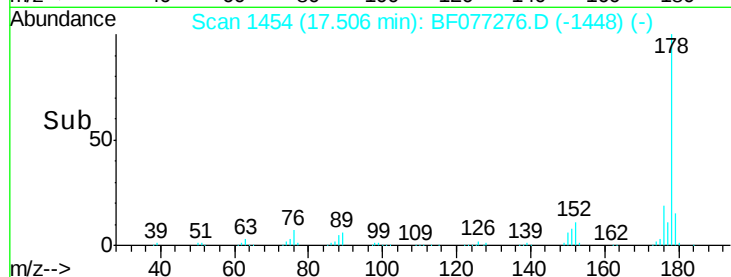
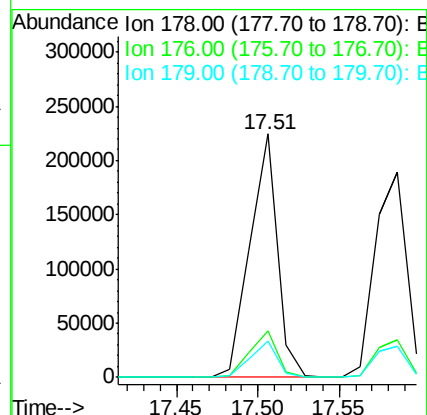
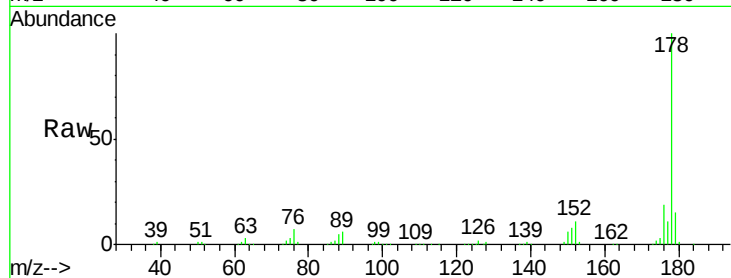




#70
Phenanthrene
Concen: 33.92 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

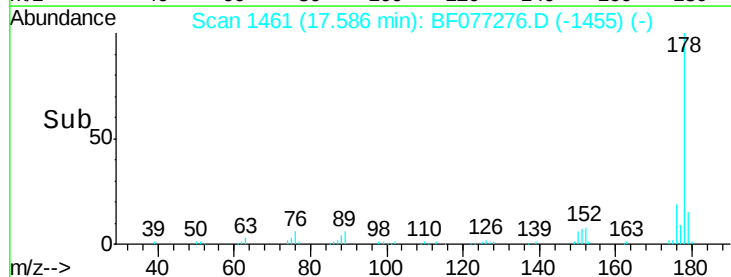
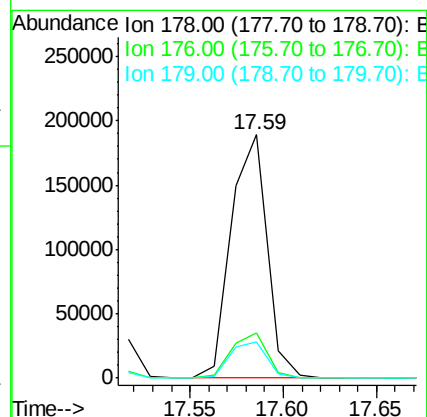
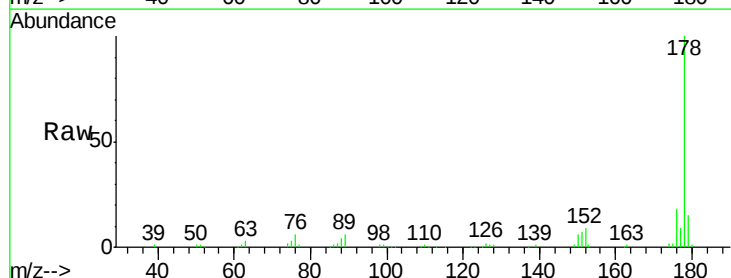
Instrument :
BNA_F
ClientSampleId :
UB9BMS

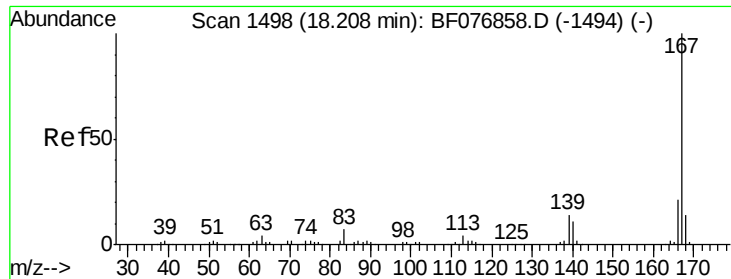
Tgt Ion:178 Resp: 261640
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 14.9 12.7 19.1



#71
Anthracene
Concen: 34.03 ng
RT: 17.59 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion:178 Resp: 255928
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.1 11.9 17.9





#72

Carbazole

Concen: 33.65 ng

RT: 17.88 min Scan# 1487

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

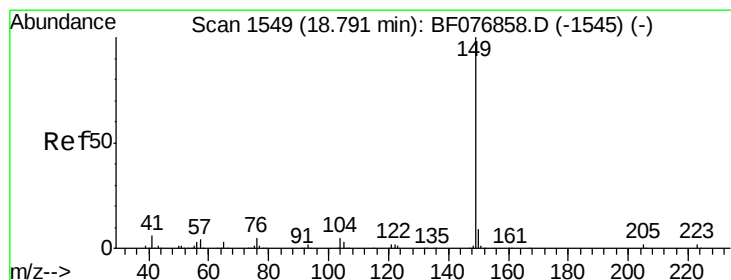
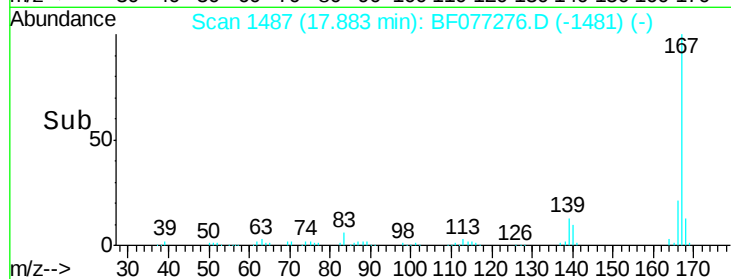
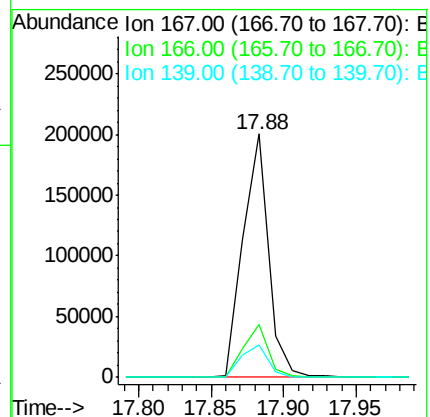
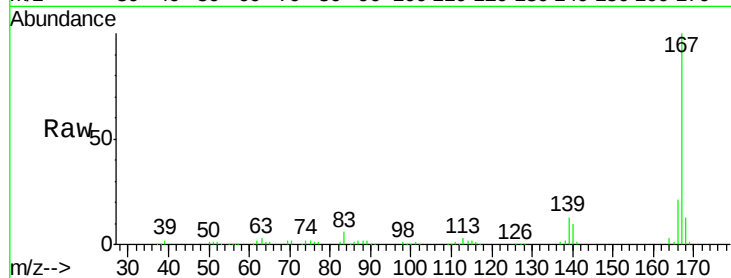
Tgt Ion:167 Resp: 245460

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 13.4 11.3 16.9



#73

Di-n-butylphthalate

Concen: 40.66 ng

RT: 18.49 min Scan# 1540

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

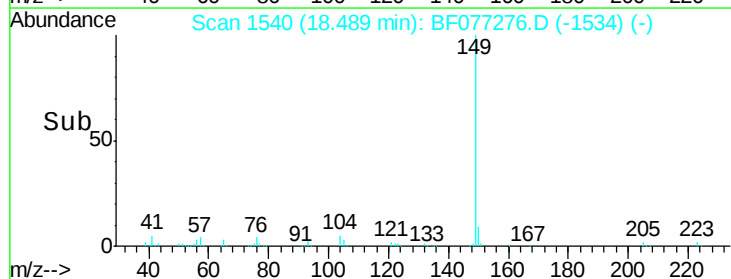
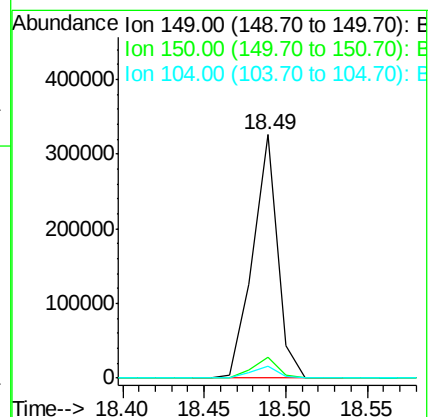
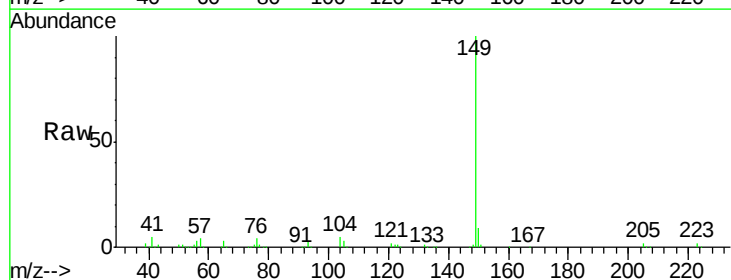
Tgt Ion:149 Resp: 343304

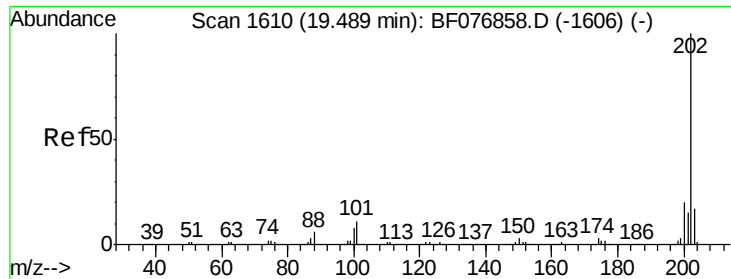
Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

104 4.8 3.7 5.5

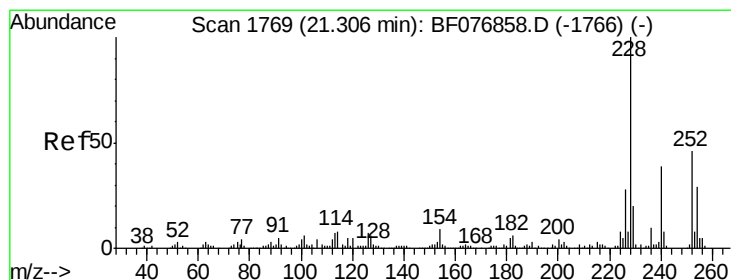
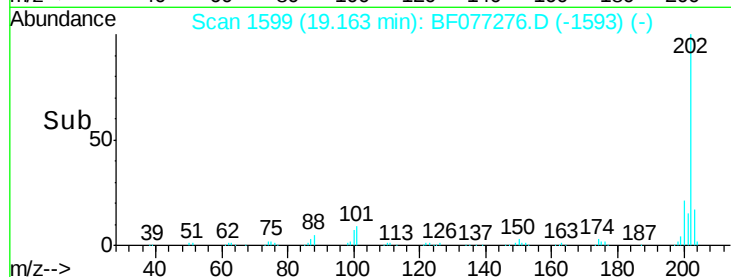
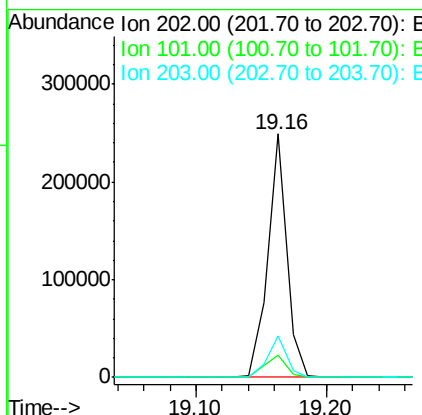
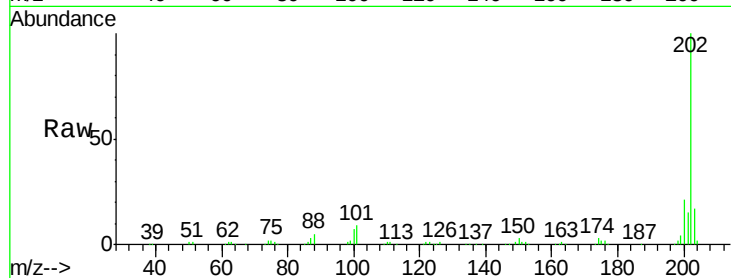




#74
Fluoranthene
Concen: 32.47 ng
RT: 19.16 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

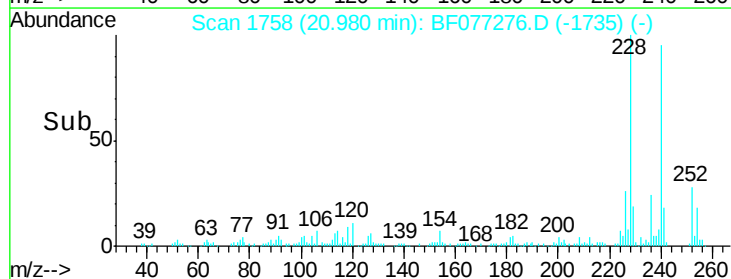
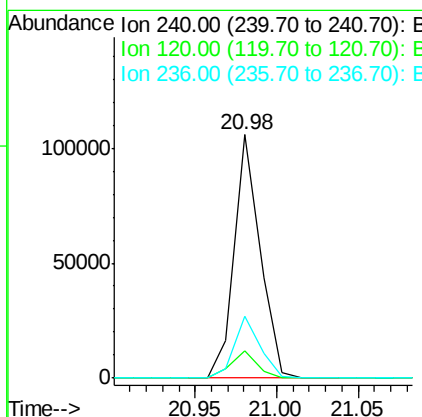
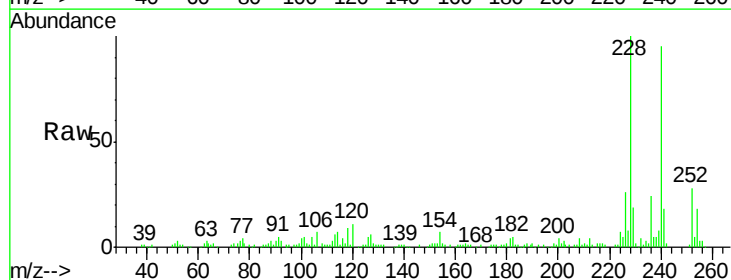
Instrument :
BNA_F
ClientSampleId :
UB9BMS

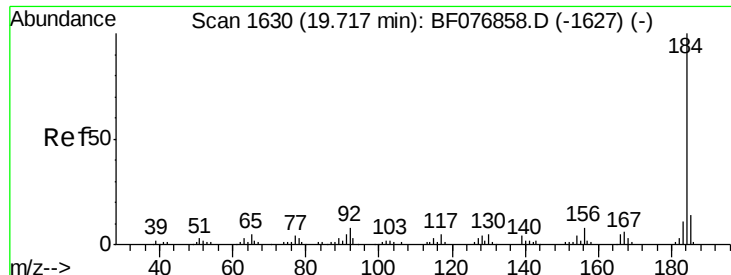
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	256605		
101	9.3	0.0	30.7	
203	17.0	0.0	36.9	



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	115552		
120	11.2	10.4	15.6	
236	25.5	20.2	30.2	

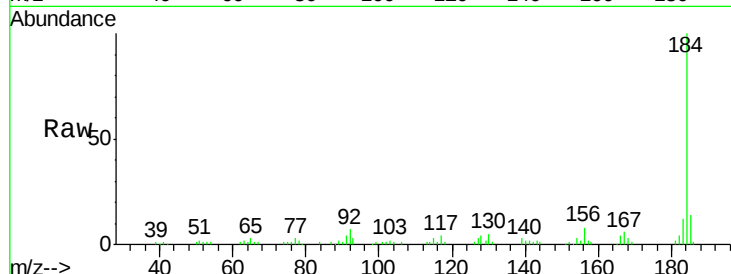




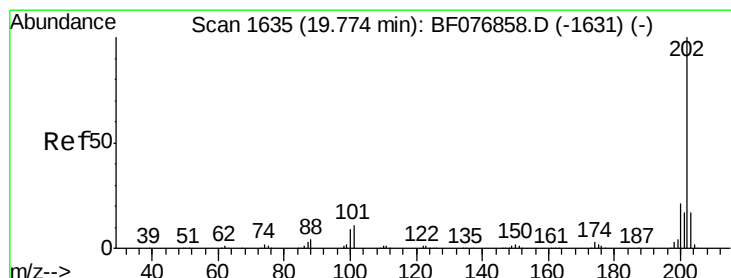
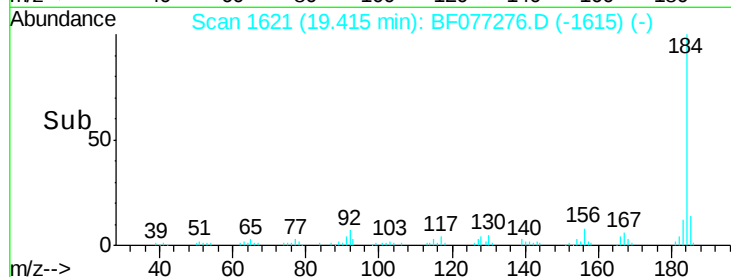
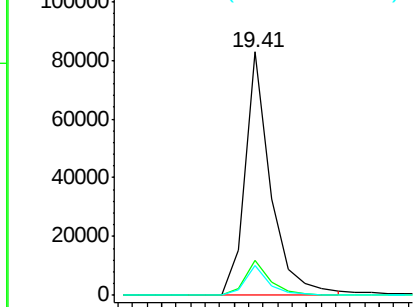
#76
Benzidine
Concen: 27.50 ng
RT: 19.41 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Instrument :
BNA_F
ClientSampleId :
UB9BMS

Tgt Ion:184 Resp: 101670
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 12.0 9.0 13.6

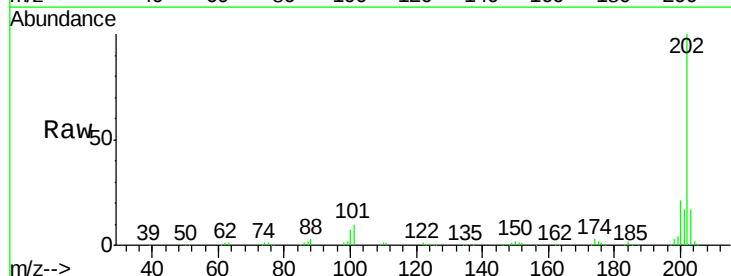


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

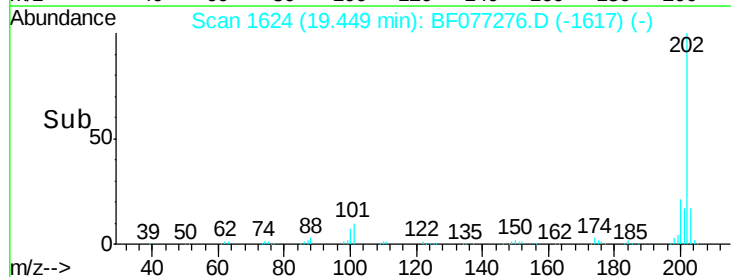
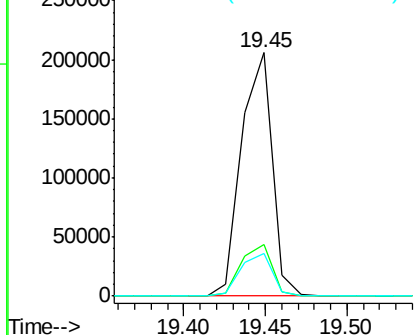


#77
Pyrene
Concen: 33.87 ng
RT: 19.45 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion:202 Resp: 268258
Ion Ratio Lower Upper
202 100
200 21.5 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

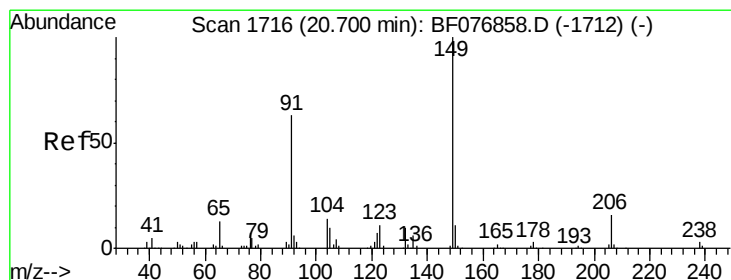
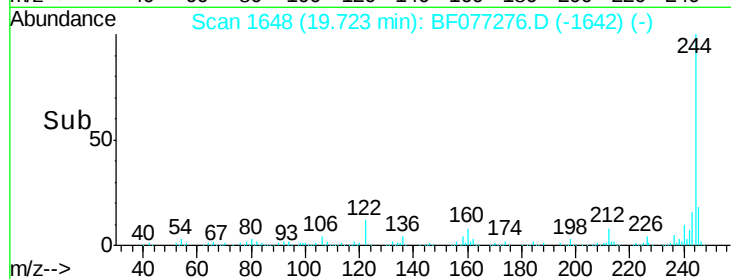
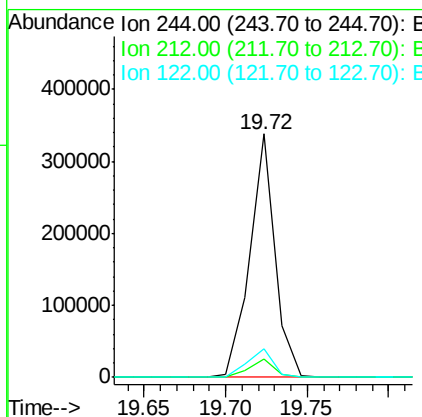
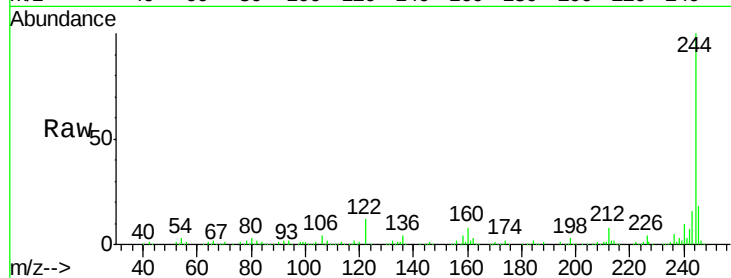




#78
 Terphenyl-d14
 Concen: 72.04 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

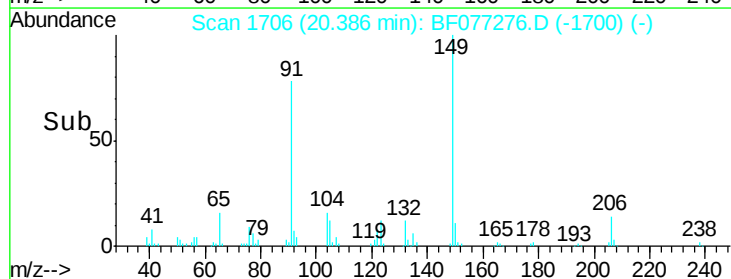
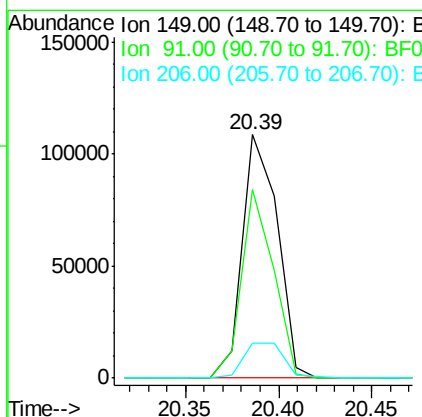
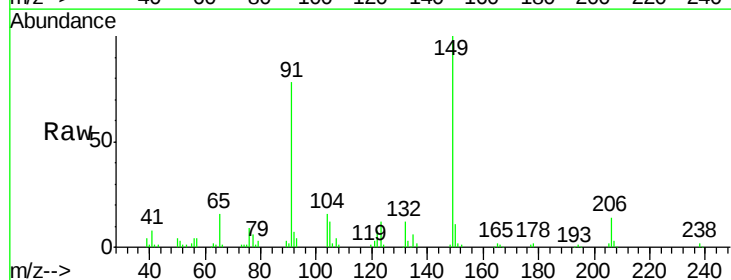
Instrument :
 BNA_F
 ClientSampleId :
 UB9BMS

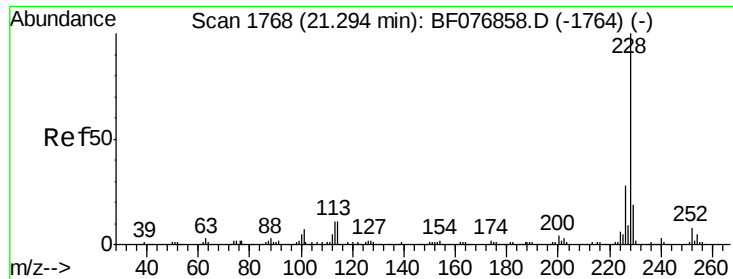
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.5	10.1	15.1



#79
 Butylbenzylphthalate
 Concen: 39.60 ng
 RT: 20.39 min Scan# 1706
 Delta R.T. -0.03 min
 Lab File: BF077276.D
 Acq: 12 Feb 2015 7:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.7	50.6	76.0#
206	14.1	12.8	19.2





#80

Benzo(a)anthracene

Concen: 33.53 ng

RT: 20.97 min Scan# 1757

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampled :

UB9BMS

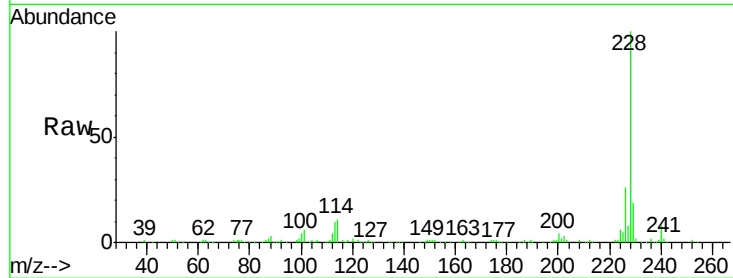
Tgt Ion:228 Resp: 243104

Ion Ratio Lower Upper

228 100

226 26.4 22.1 33.1

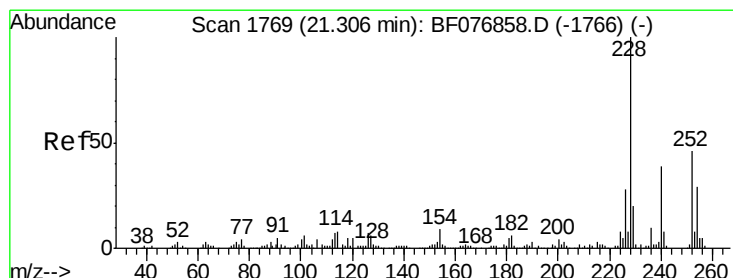
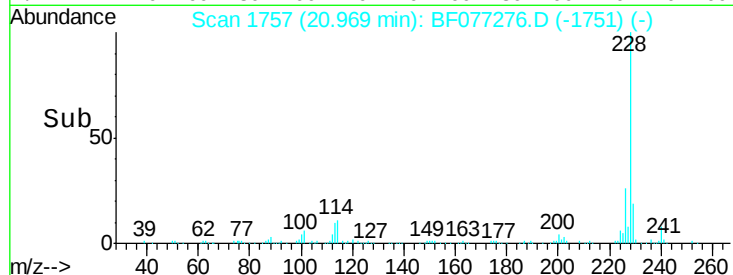
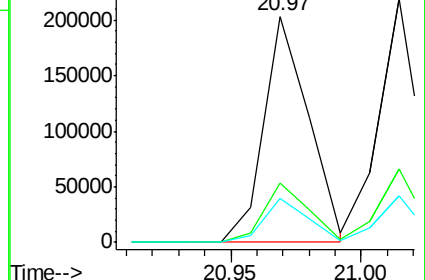
229 19.3 15.5 23.3



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: 29.39 ng

RT: 20.99 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

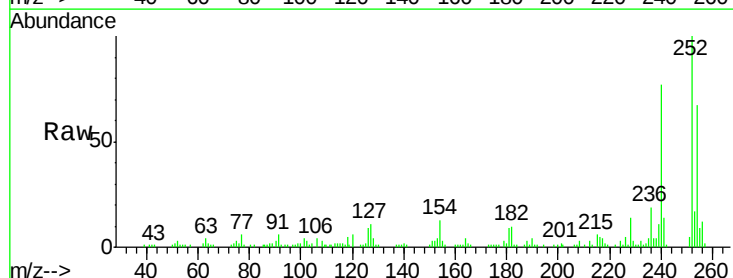
Tgt Ion:252 Resp: 67704

Ion Ratio Lower Upper

252 100

254 66.5 50.2 75.4

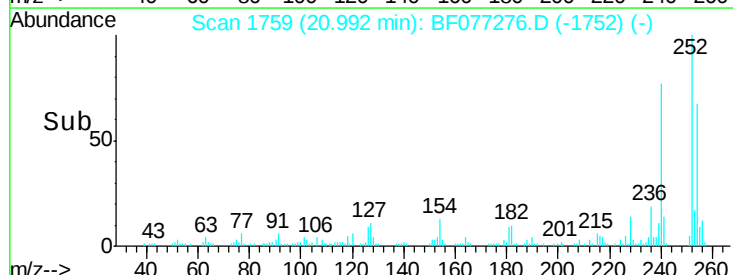
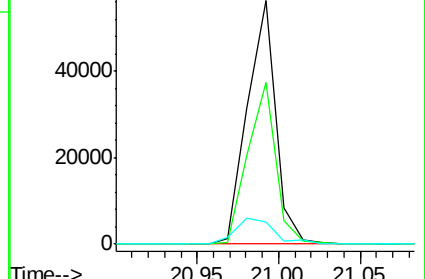
126 9.3 11.5 17.3#

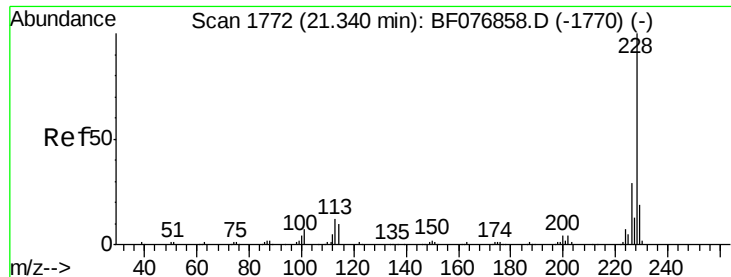


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.03 ng

RT: 21.01 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

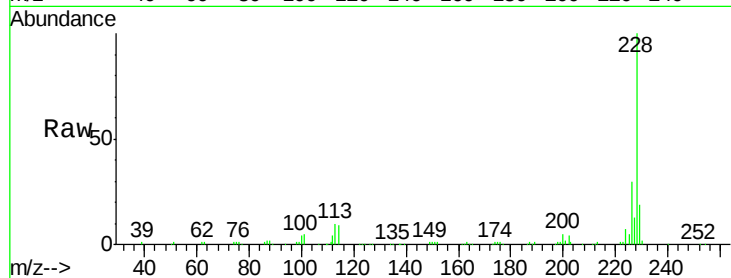
Tgt Ion:228 Resp: 225000

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

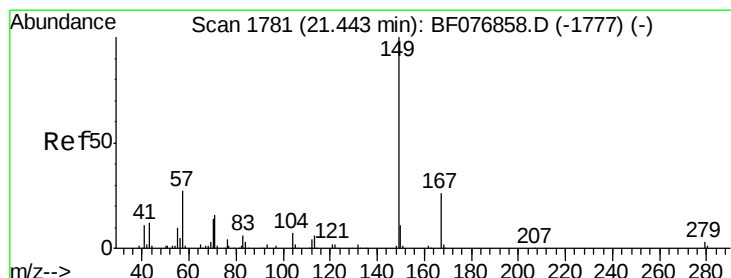
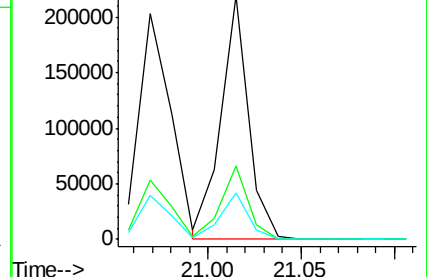
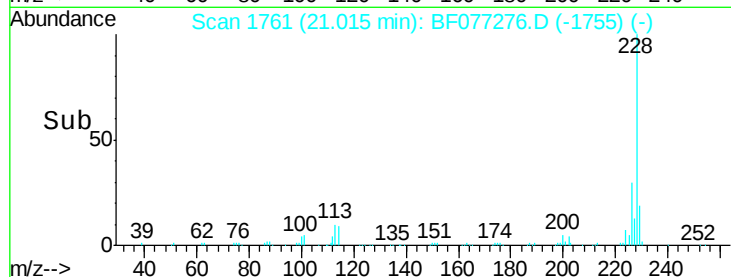
229 19.2 15.4 23.0



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: 43.04 ng

RT: 21.13 min Scan# 1771

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

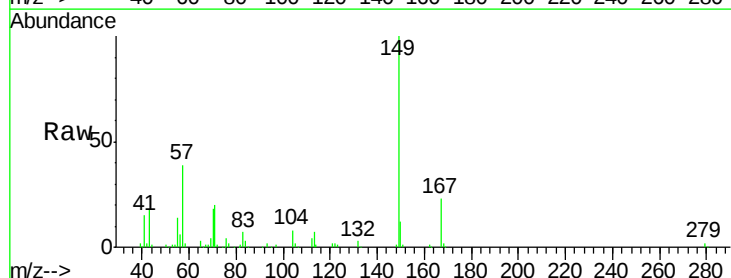
Tgt Ion:149 Resp: 213583

Ion Ratio Lower Upper

149 100

167 22.8 20.6 30.8

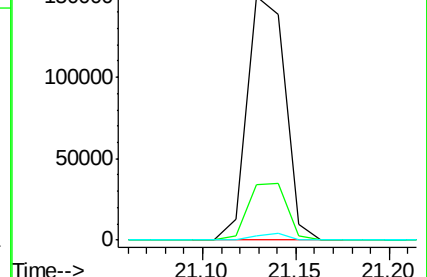
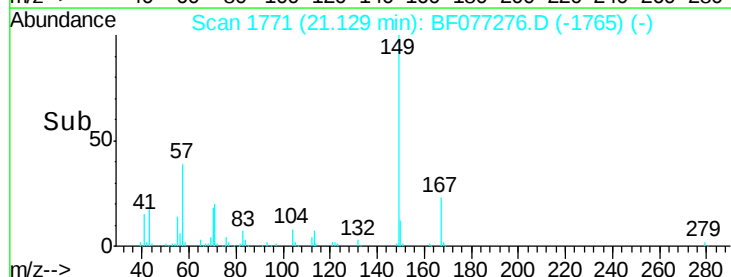
279 1.6 2.2 3.2#

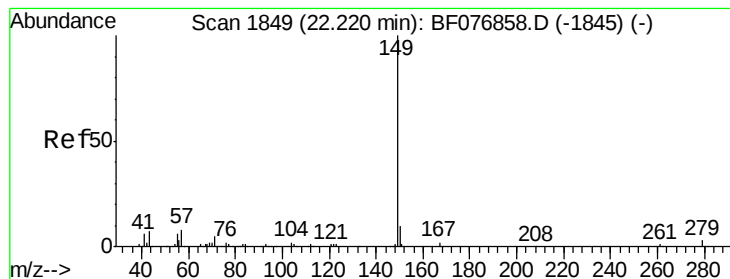


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.65 ng

RT: 21.89 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

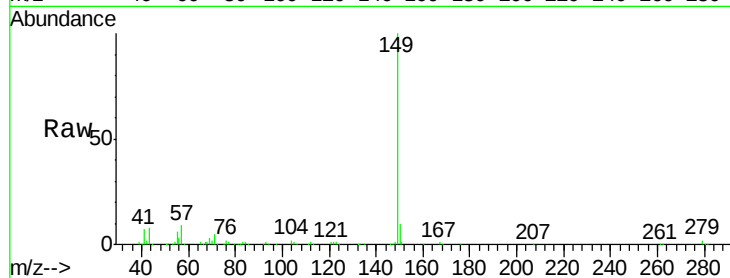
Tgt Ion:149 Resp: 375912

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

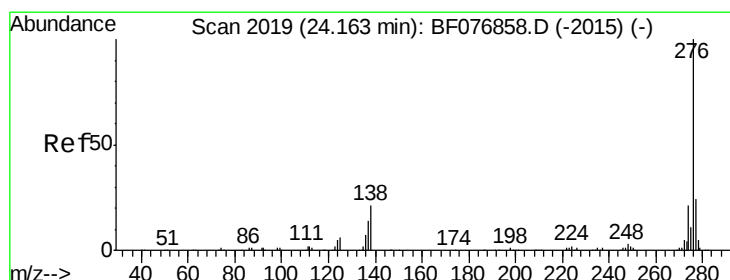
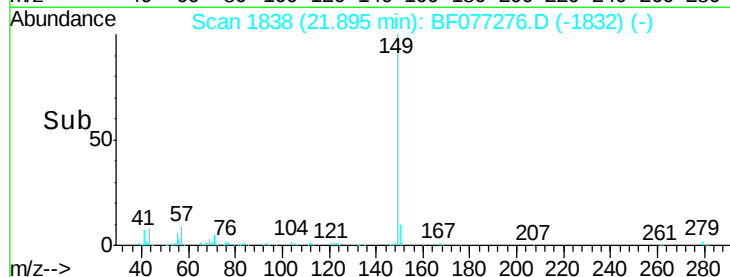
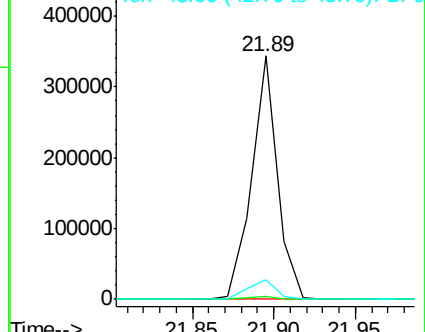
43 8.9 6.6 10.0



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.45 ng

RT: 23.69 min Scan# 1995

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

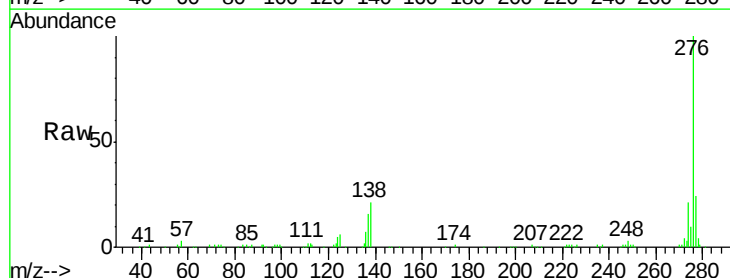
Tgt Ion:276 Resp: 234366

Ion Ratio Lower Upper

276 100

138 26.3 14.6 22.0#

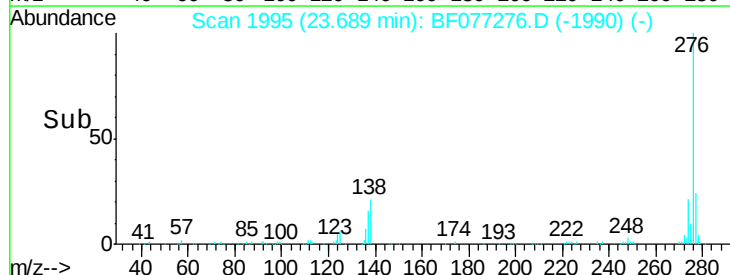
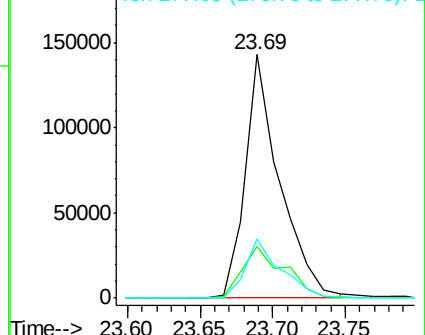
277 25.0 14.8 22.2#

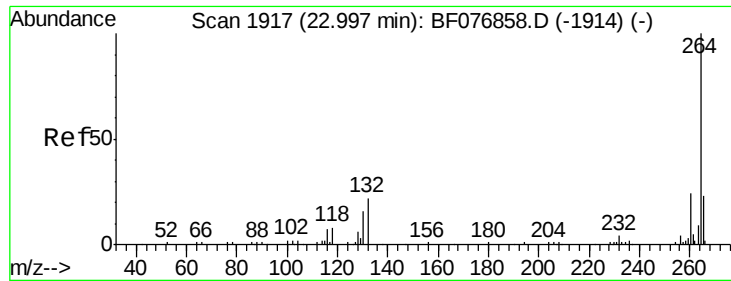


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

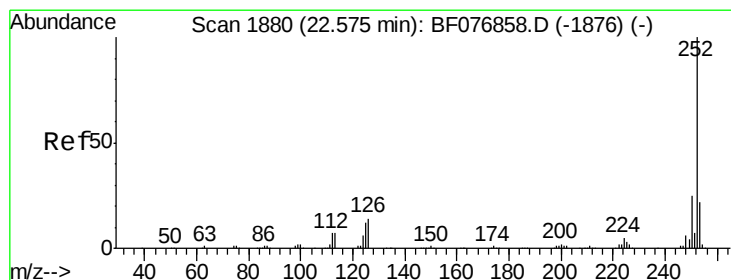
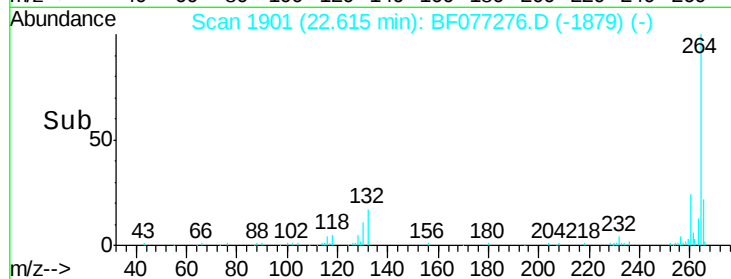
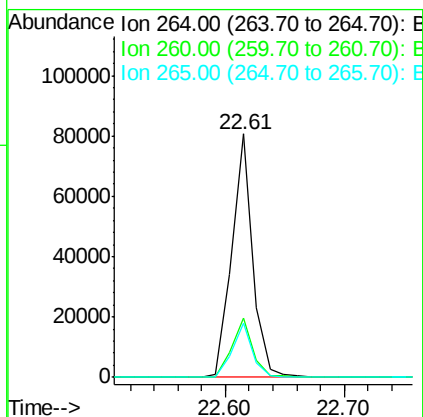
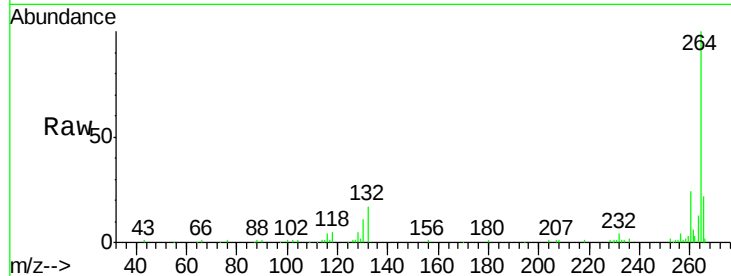




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.61 min Scan# 1901
Delta R.T. -0.05 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

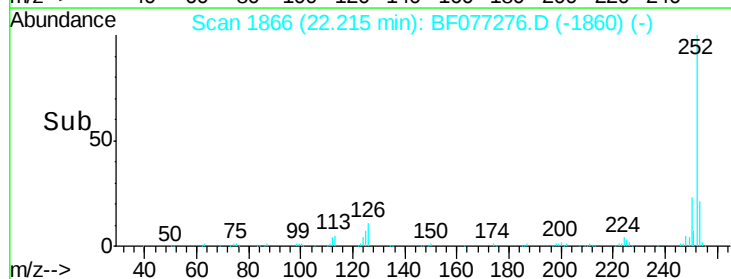
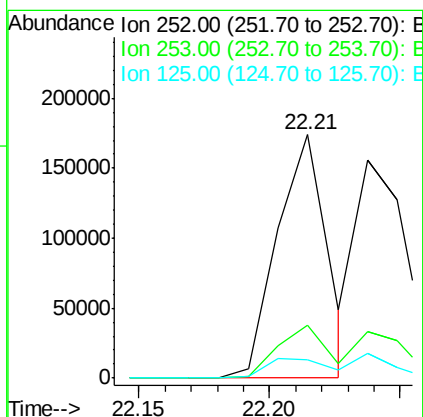
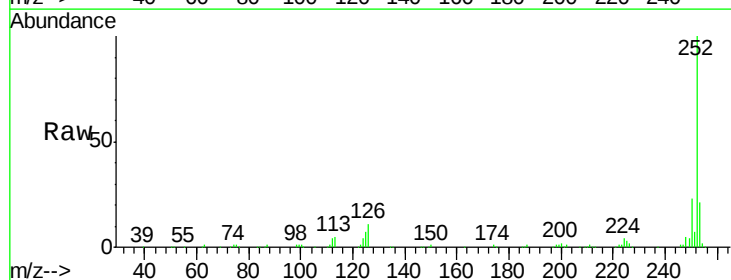
Instrument :
BNA_F
ClientSampled :
UB9BMS

Tgt Ion: 264 Resp: 98110
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 22.1 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 34.95 ng
RT: 22.21 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion: 252 Resp: 230966
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 7.4 9.4 14.0#

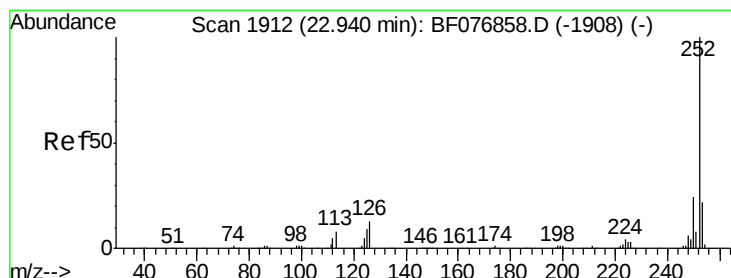
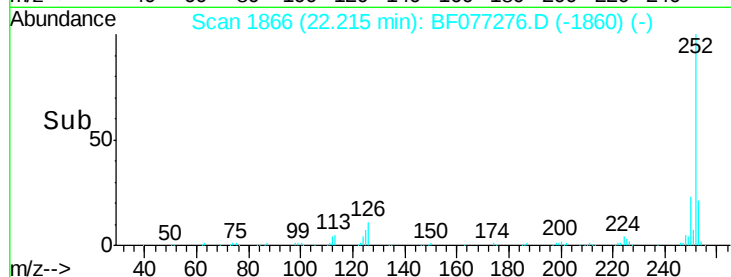
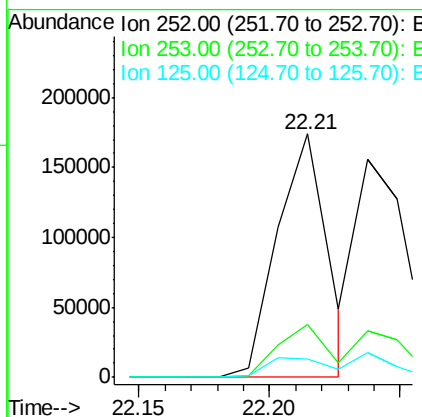
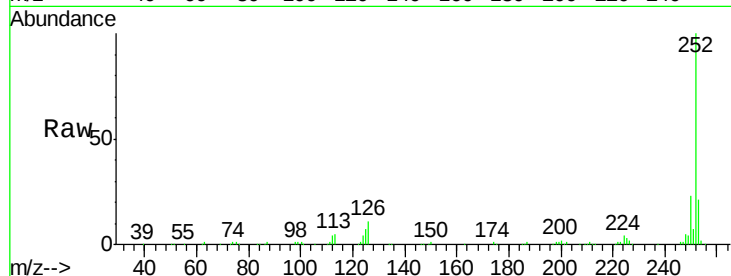




#88
Benzo(k)fluoranthene
Concen: 40.01 ng
RT: 22.21 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

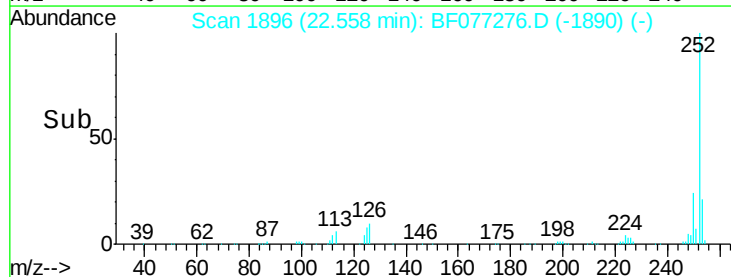
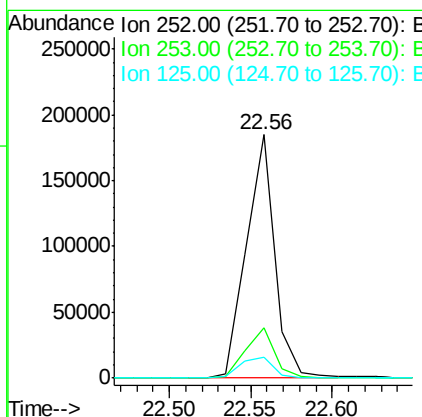
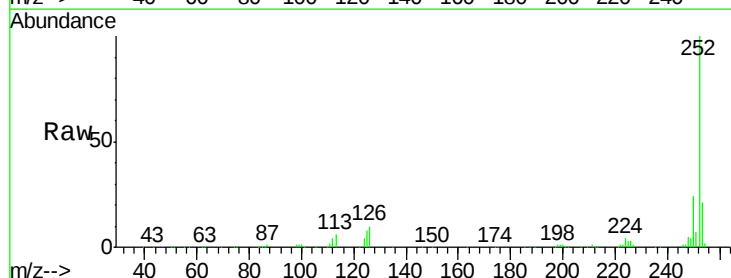
Instrument :
BNA_F
ClientSampleId :
UB9BMS

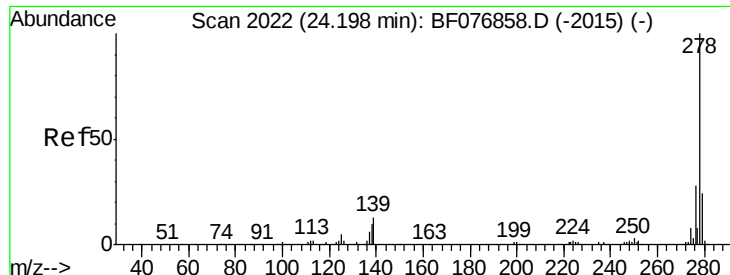
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	7.4	7.1	10.7



#89
Benzo(a)pyrene
Concen: 38.18 ng
RT: 22.56 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BF077276.D
Acq: 12 Feb 2015 7:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	8.4	7.2	10.8





#90

Dibenzo(a,h)anthracene

Concen: 36.45 ng

RT: 23.71 min Scan# 1997

Delta R.T. -0.05 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

UB9BMS

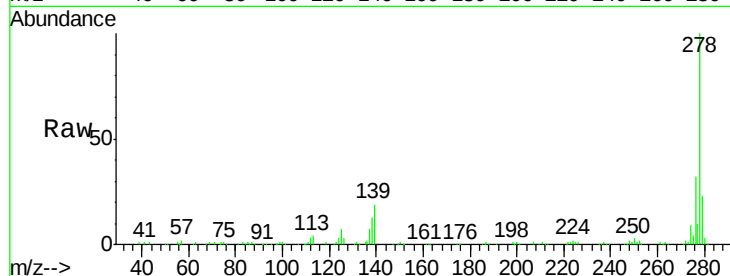
Tgt Ion: 278 Resp: 194919

Ion Ratio Lower Upper

278 100

139 18.8 10.5 15.7#

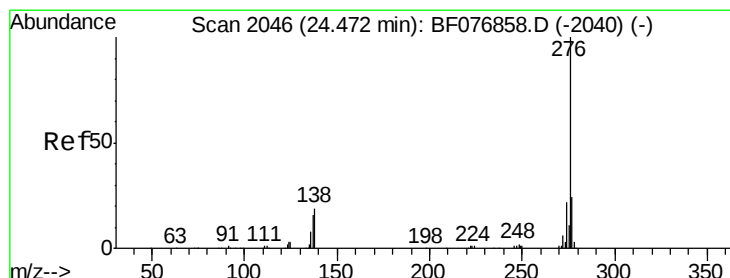
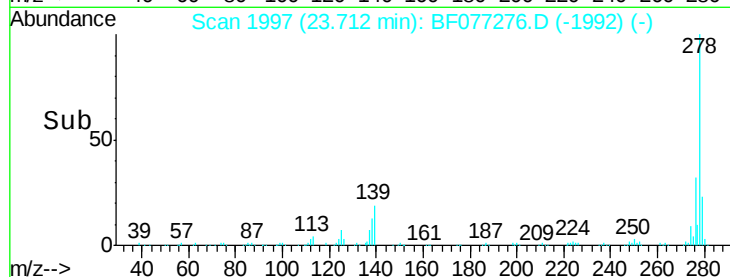
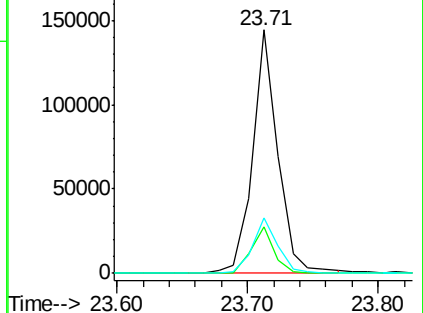
279 22.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.21 ng

RT: 23.94 min Scan# 2017

Delta R.T. -0.06 min

Lab File: BF077276.D

Acq: 12 Feb 2015 7:51

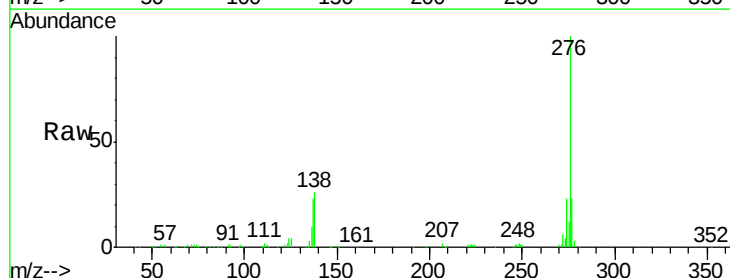
Tgt Ion: 276 Resp: 187176

Ion Ratio Lower Upper

276 100

277 23.3 19.5 29.3

138 26.4 15.0 22.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

