

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078187.D
 Acq On : 2 Apr 2015 8:54
 Operator : TP/IZ
 Sample : G1719-10MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Quant Time: Apr 02 12:38:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	38481	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	152810	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	76409	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	144020	20.00	ng	0.00
75) Chrysene-d12	15.86	240	146488	20.00	ng	-0.01
86) Perylene-d12	17.55	264	141150	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	119404	51.16	ng	0.00
7) Phenol-d6	6.60	99	95949	32.80	ng	0.00
23) Nitrobenzene-d5	7.72	82	231443	91.80	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	91065	143.70	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	503635	94.22	ng	0.00
78) Terphenyl-d14	14.59	244	591120	91.18	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.87	88	15156	14.36	ng	# 91
3) Pyridine	2.54	79	34041	12.31	ng	93
4) n-Nitrosodimethylamine	2.45	42	13966	13.12	ng	87
6) Aniline	6.60	93	91978	22.17	ng	98
8) 2-Chlorophenol	6.75	128	93702	33.95	ng	99
10) Phenol	6.62	94	45284	12.92	ng	92
11) bis(2-Chloroethyl)ether	6.72	93	118280	46.93	ng	98
12) 1,3-Dichlorobenzene	6.93	146	116553	38.45	ng	97
13) 1,4-Dichlorobenzene	7.04	146	119500	39.16	ng	99
14) 1,2-Dichlorobenzene	7.22	146	116704	40.79	ng	98
15) Benzyl Alcohol	7.21	79	54643	26.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	155555	46.27	ng	99
17) 2-Methylphenol	7.37	107	59465	27.75	ng	98
18) Hexachloroethane	7.64	117	40165	39.03	ng	95
19) n-Nitroso-di-n-propylamine	7.55	70	88185	45.70	ng	99
20) 3+4-Methylphenols	7.56	107	72318	25.30	ng	97
22) Acetophenone	7.53	105	167961	47.17	ng	# 88
24) Nitrobenzene	7.74	77	124635	47.29	ng	99
25) Isophorone	8.04	82	232555	48.60	ng	100
26) 2-Nitrophenol	8.13	139	55613	44.28	ng	94
27) 2,4-Dimethylphenol	8.21	122	89829	38.46	ng	99
28) bis(2-Chloroethoxy)methane	8.33	93	150449	49.04	ng	100
29) 2,4-Dichlorophenol	8.44	162	89229	42.00	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	104903	43.06	ng	98
31) Naphthalene	8.62	128	359723	45.23	ng	99
32) Benzoic acid	8.32	122	11196	14.76	ng	99
33) 4-Chloroaniline	8.70	127	116644	35.34	ng	99
34) Hexachlorobutadiene	8.78	225	54749	40.93	ng	96
35) Caprolactam	9.13	113	3308	5.22	ng	95
36) 4-Chloro-3-methylphenol	9.32	107	88565	41.31	ng	91
37) 2-Methylnaphthalene	9.48	142	256518	47.50	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	108346	45.76	ng	97
40) Hexachlorocyclopentadiene	9.68	237	92330	91.04	ng	96
42) 2,4,6-Trichlorophenol	9.84	196	67766	45.39	ng	99

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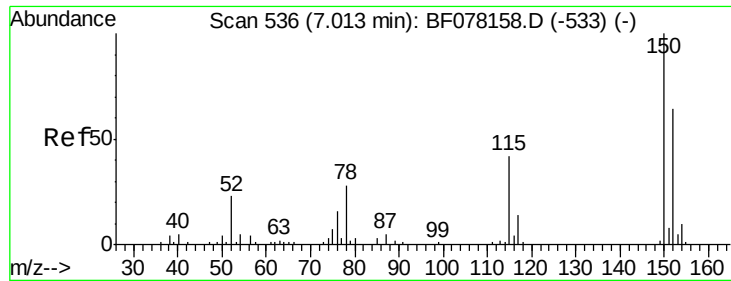
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.89	196	69316	44.44	nq	# 85
45) 1,1'-Biphenyl	10.06	154	304288	48.69	nq	100
46) 2-Chloronaphthalene	10.08	162	234558	47.70	nq	100
47) 2-Nitroaniline	10.21	65	57119	46.95	nq	95
48) Acenaphthylene	10.59	152	370195	46.62	nq	99
49) Dimethylphthalate	10.45	163	280486	48.86	nq	99
50) 2,6-Dinitrotoluene	10.53	165	62488	52.91	nq	98
51) Acenaphthene	10.80	154	212946	47.63	nq	100
52) 3-Nitroaniline	10.73	138	51872	38.63	nq	100
53) 2,4-Dinitrophenol	10.87	184	42254	87.78	nq	93
54) Dibenzofuran	11.01	168	336106	49.22	nq	100
55) 4-Nitrophenol	10.97	139	24588	26.77	nq	86
56) 2,4-Dinitrotoluene	11.03	165	82264	53.78	nq	99
57) Fluorene	11.44	166	277587	50.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	56251	48.64	nq	99
59) Diethylphthalate	11.33	149	279064	50.42	nq	98
60) 4-Chlorophenyl-phenylether	11.45	204	124354	48.84	nq	# 72
61) 4-Nitroaniline	11.48	138	49389	36.38	nq	97
62) Azobenzene	11.64	77	262702	52.00	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	28109	40.87	nq	93
65) n-Nitrosodiphenylamine	11.61	169	237963	47.77	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	75716	49.64	nq	99
67) Hexachlorobenzene	12.11	284	80797	48.34	nq	97
68) Atrazine	12.28	200	75488	52.32	nq	97
69) Pentachlorophenol	12.36	266	61972	83.26	nq	97
70) Phenanthrene	12.63	178	421489	50.59	nq	99
71) Anthracene	12.68	178	389166	47.41	nq	100
72) Carbazole	12.90	167	403480	52.44	nq	99
73) Di-n-butylphthalate	13.36	149	450884	51.73	nq	99
74) Fluoranthene	14.09	202	439003	49.97	nq	97
76) Benzidine	14.28	184	226514	40.15	nq	98
77) Pyrene	14.37	202	463330	50.38	nq	99
79) Butylbenzylphthalate	15.21	149	197151	56.25	nq	93
80) Benzo(a)anthracene	15.85	228	420888	48.29	nq	99
81) 3,3'-Dichlorobenzidine	15.84	252	82939	28.41	nq	# 97
82) Chrysene	15.89	228	401407	49.02	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	293240	53.34	nq	# 96
84) Di-n-octyl phthalate	16.71	149	502392	55.66	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.85	276	472937	50.90	nq	# 86
87) Benzo(b)fluoranthene	17.12	252	470823	53.97	nq	# 95
88) Benzo(k)fluoranthene	17.12	252	470823	60.73	nq	98
89) Benzo(a)pyrene	17.49	252	401326	52.71	nq	99
90) Dibenzo(a,h)anthracene	18.89	278	391703	51.39	nq	98
91) Benzo(g,h,i)perylene	19.23	276	389962	51.03	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

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DCW-WW-109-33015MSD

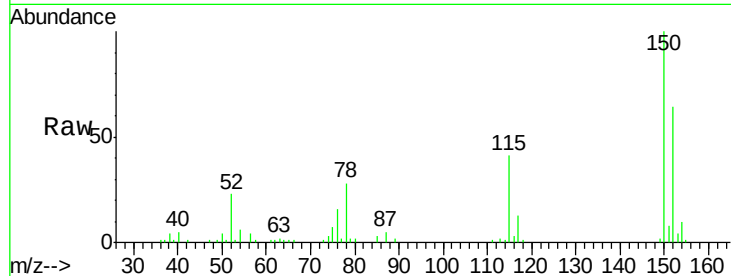
Tot Ion:152 Resp: 38481

Ion Ratio Lower Upper

152 100

150 156.0 125.9 188.9

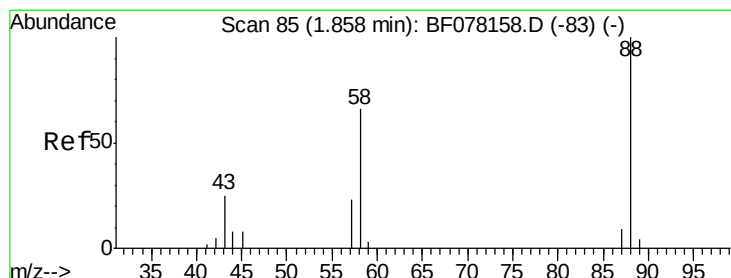
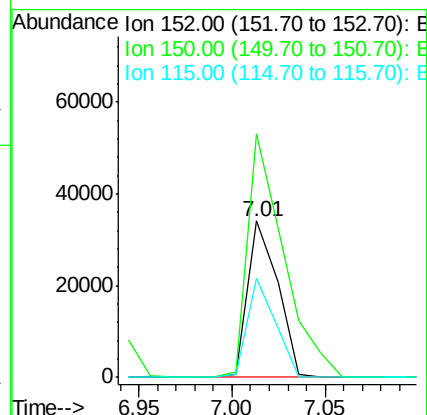
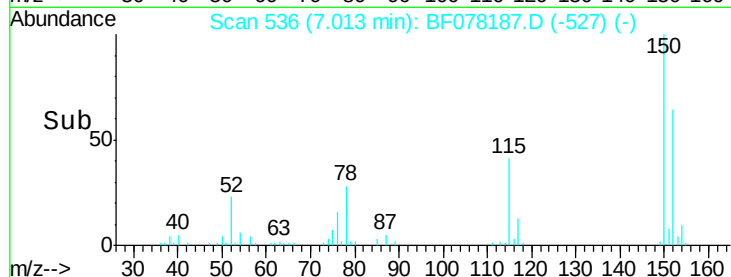
115 63.7 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.36 ng

RT: 1.87 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

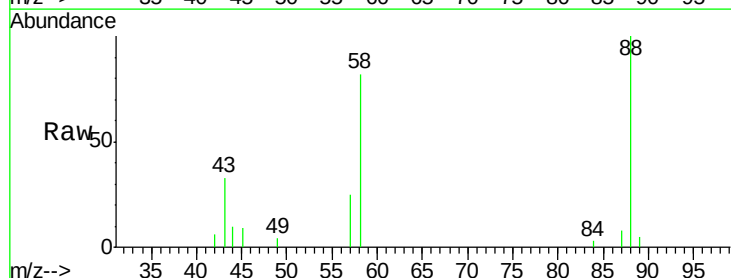
Tgt Ion: 88 Resp: 15156

Ion Ratio Lower Upper

88 100

58 75.6 56.9 85.3

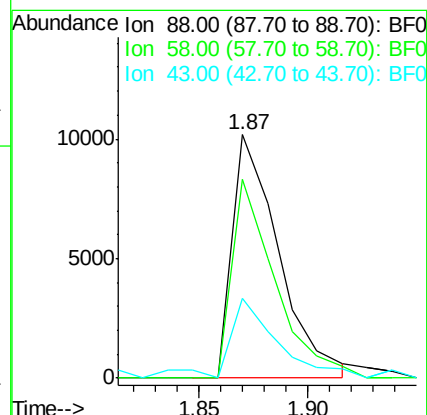
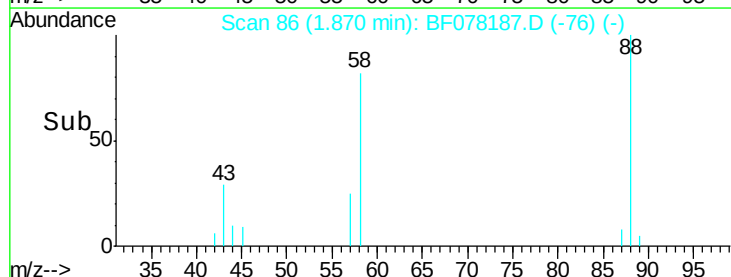
43 36.3 21.4 32.2#

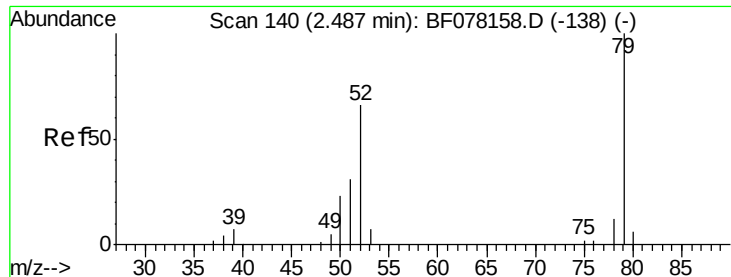


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 12.31 ng

RT: 2.54 min Scan# 145

Delta R.T. 0.06 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

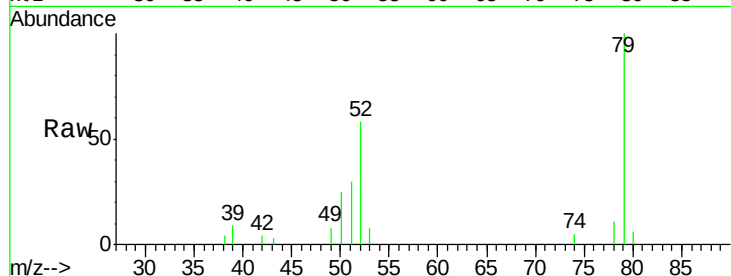
Tot Ion: 79 Resp: 34041

Ion Ratio Lower Upper

79 100

52 58.4 52.4 78.6

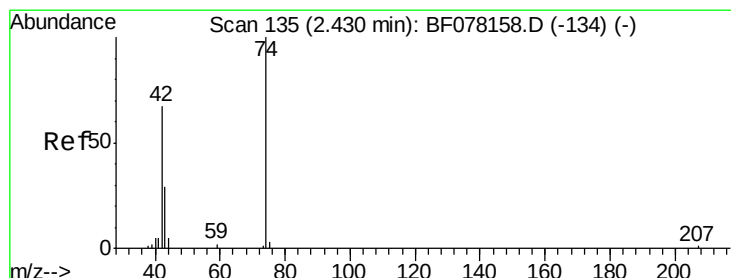
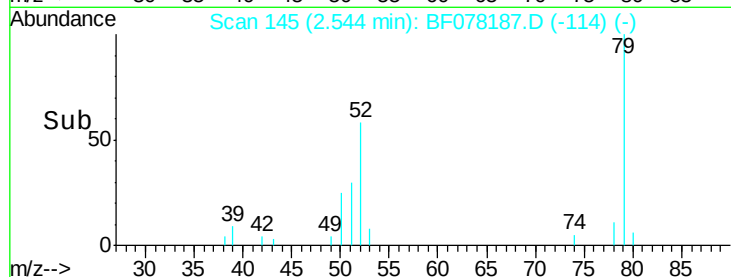
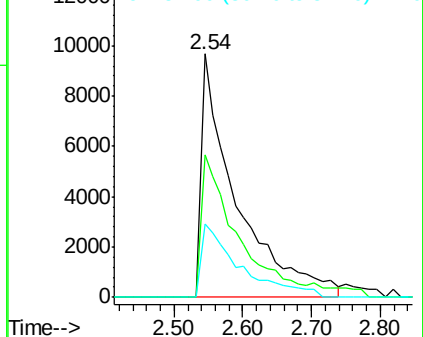
51 30.2 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 13.12 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

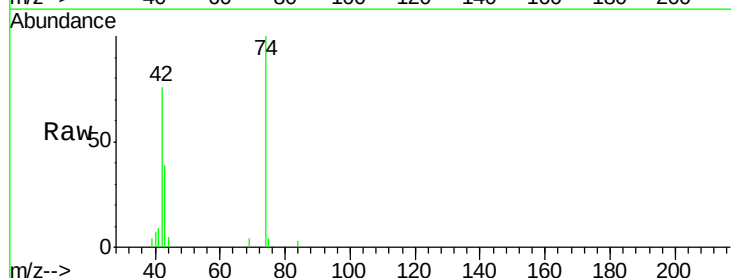
Tgt Ion: 42 Resp: 13966

Ion Ratio Lower Upper

42 100

74 130.8 118.7 178.1

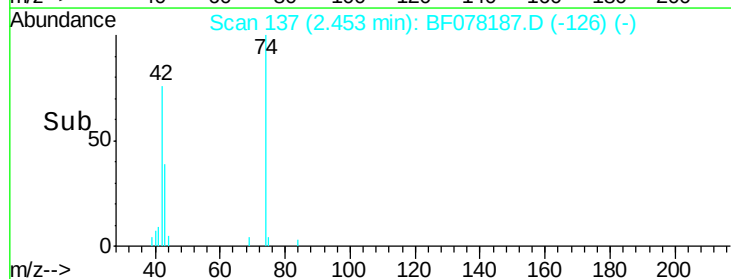
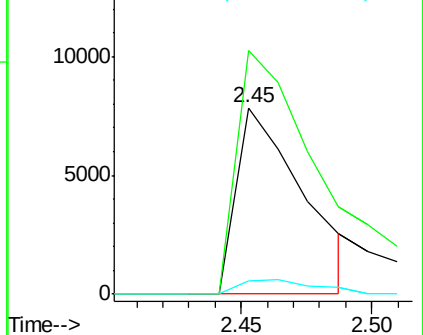
44 6.8 5.9 8.9

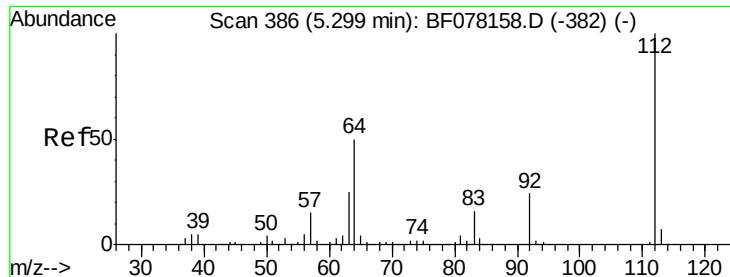


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 51.16 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

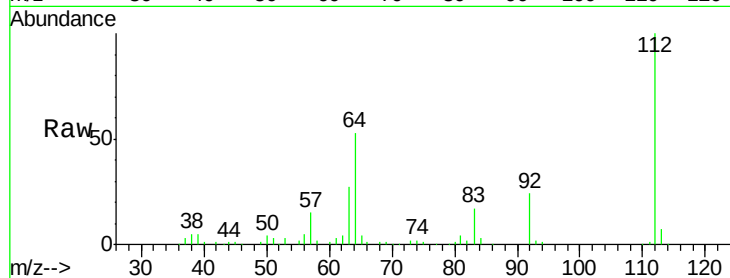
Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

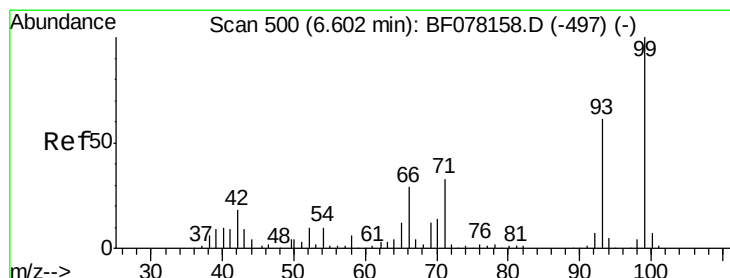
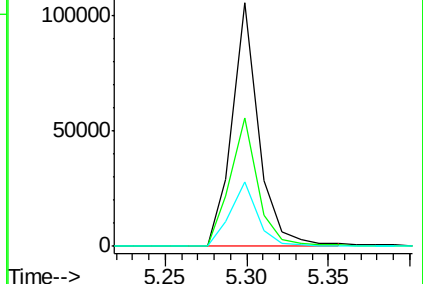
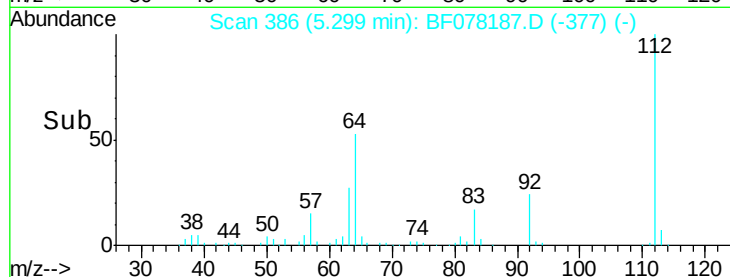
Tot Ion:	112	Resp:	119404
Ion	Ratio	Lower	Upper
112	100		
64	52.6	39.9	59.9
63	26.6	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.17 ng

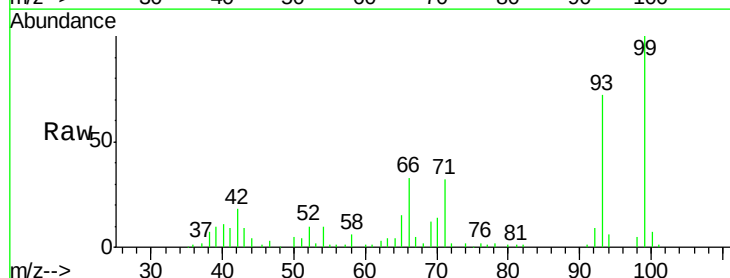
RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

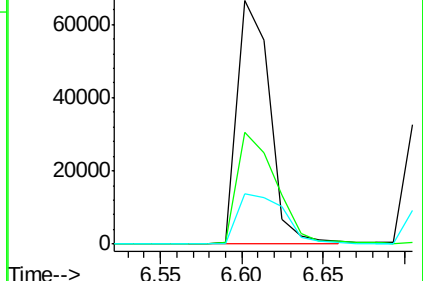
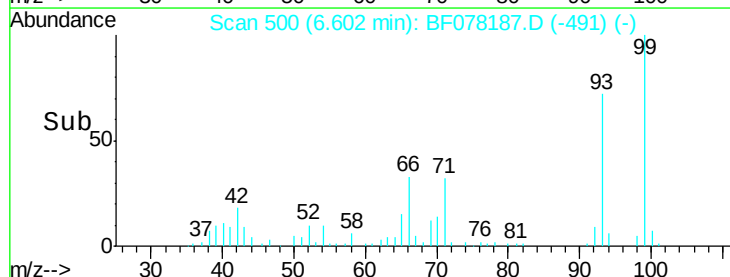
Tgt Ion:	93	Resp:	91978
Ion	Ratio	Lower	Upper
93	100		
66	45.7	38.0	57.0
65	20.5	16.3	24.5

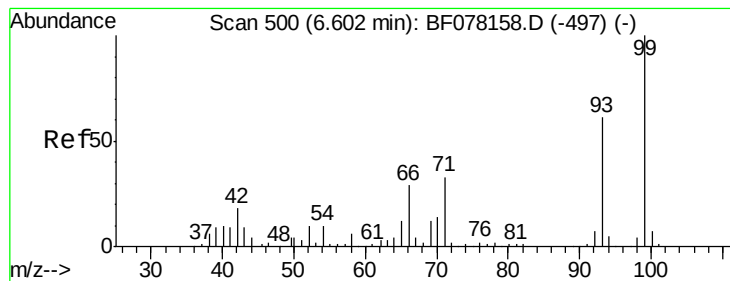


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.80 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078187.D

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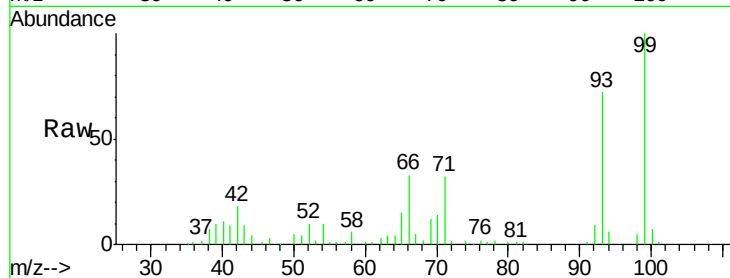
Tot Ion: 99 Resp: 95949

Ion Ratio Lower Upper

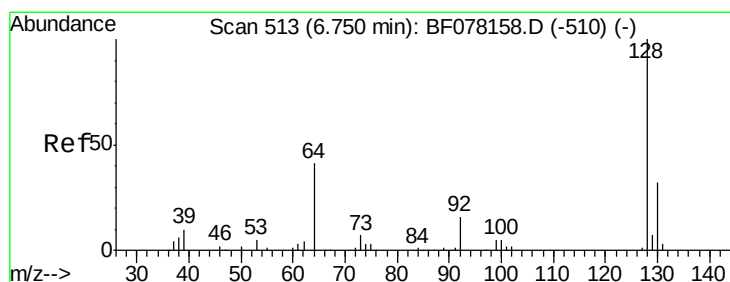
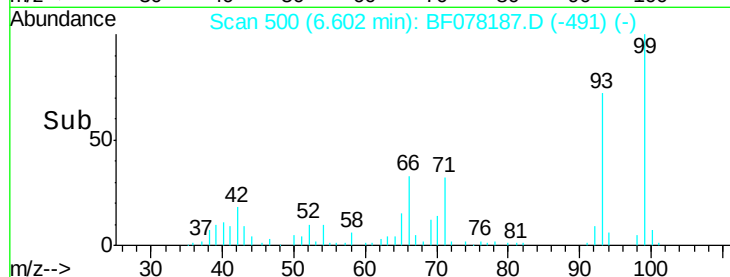
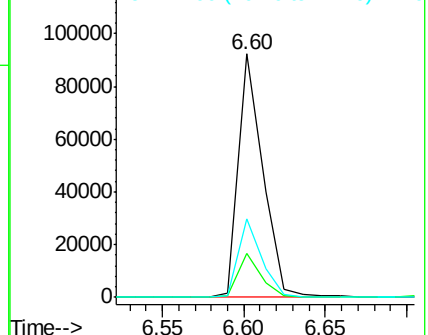
99 100

42 18.1 14.8 22.2

71 32.3 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.95 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

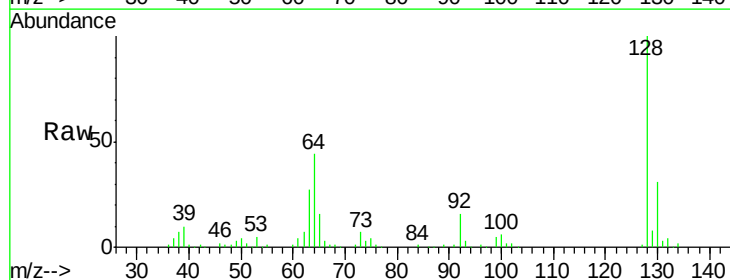
Tgt Ion: 128 Resp: 93702

Ion Ratio Lower Upper

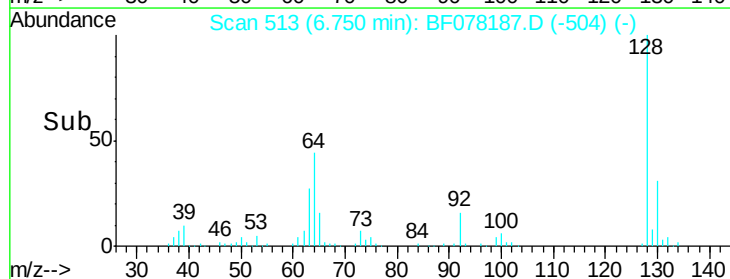
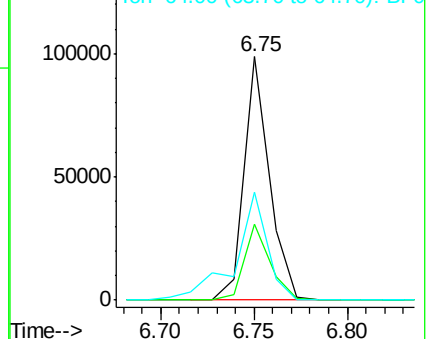
128 100

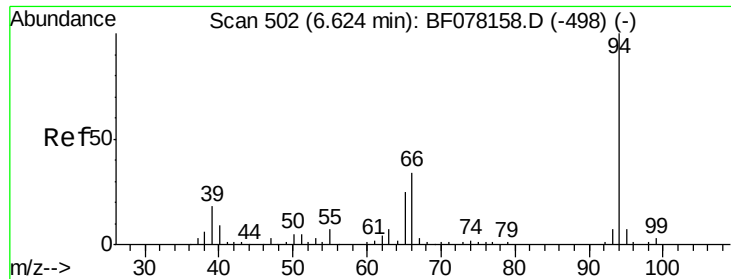
130 31.4 12.3 52.3

64 44.4 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 12.92 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

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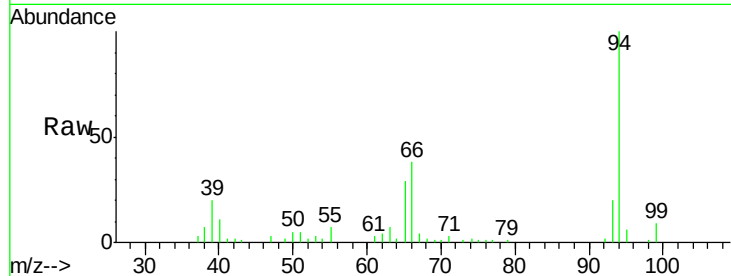
Tot Ion: 94 Resp: 45284

Ion Ratio Lower Upper

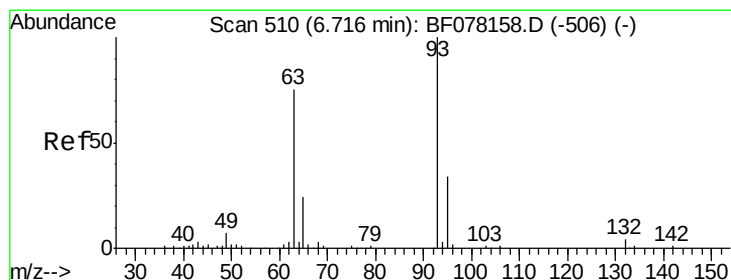
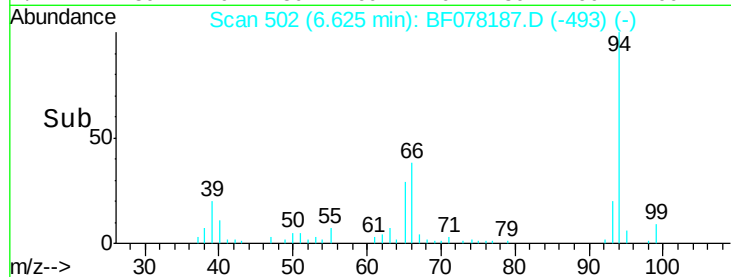
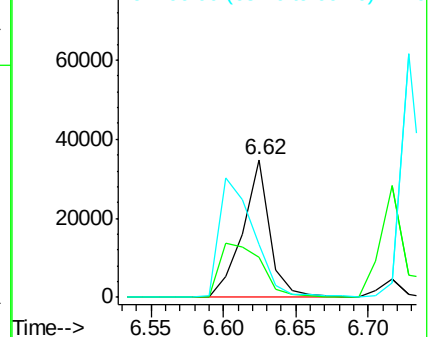
94 100

65 29.0 4.9 44.9

66 38.0 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 46.93 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

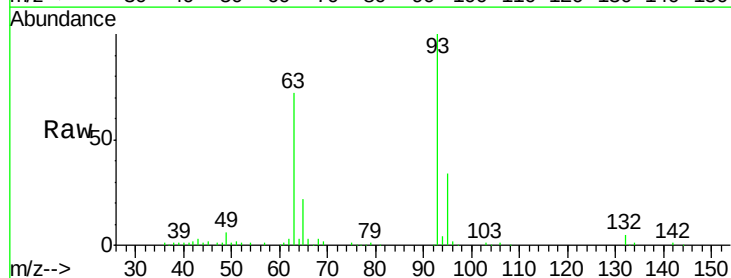
Tgt Ion: 93 Resp: 118280

Ion Ratio Lower Upper

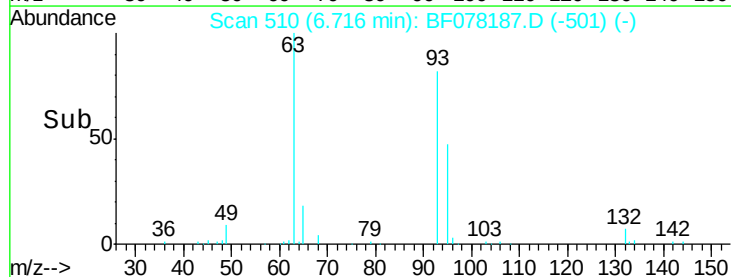
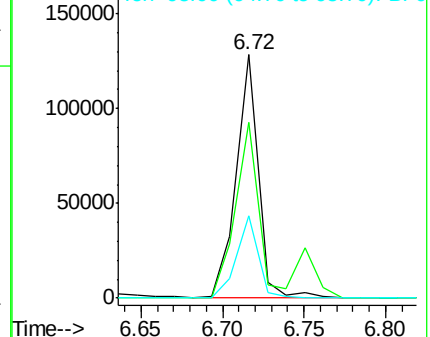
93 100

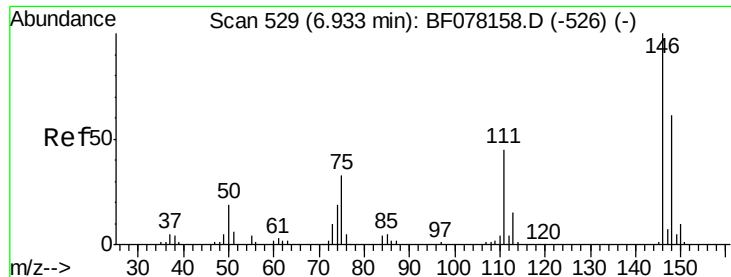
63 72.2 54.6 94.6

95 33.7 13.6 53.6



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

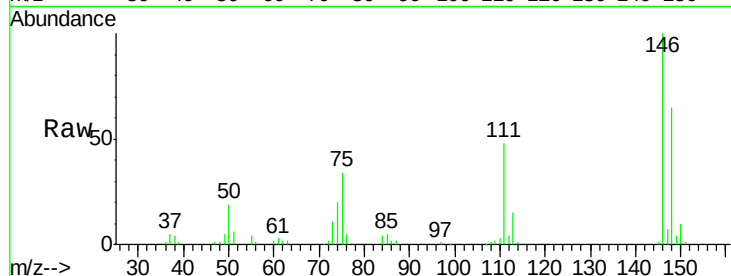




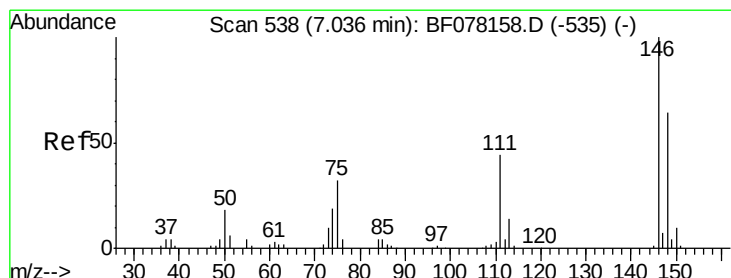
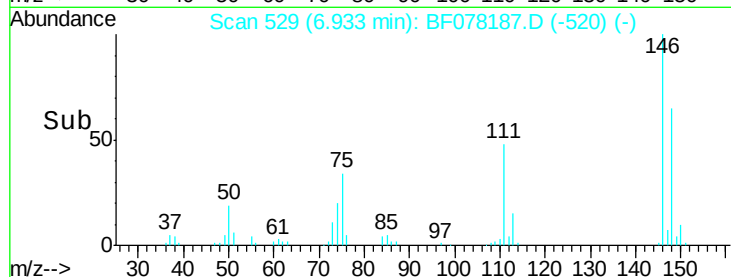
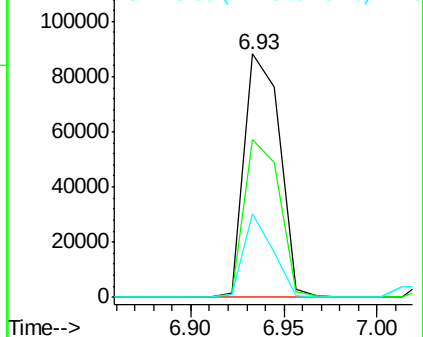
#12
 1,3-Dichlorobenzene
 Concen: 38.45 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.1	73.7
75	34.2	26.6	40.0

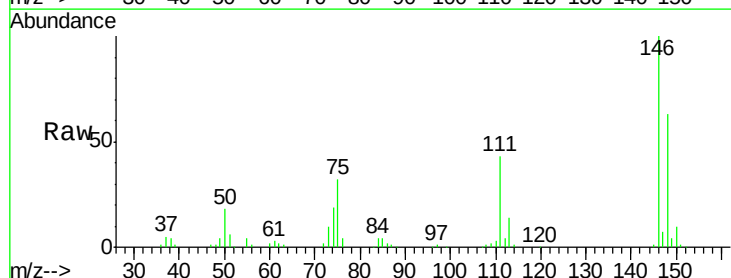


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

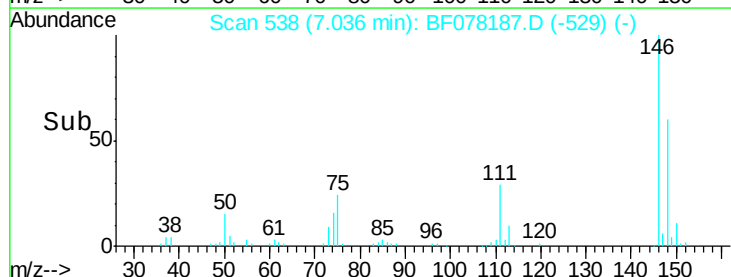
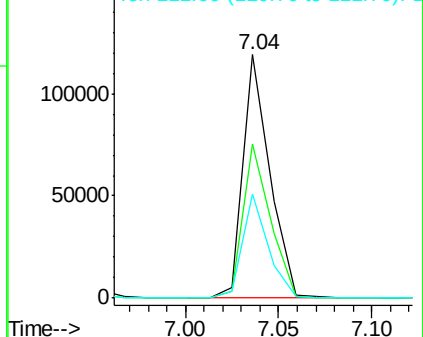


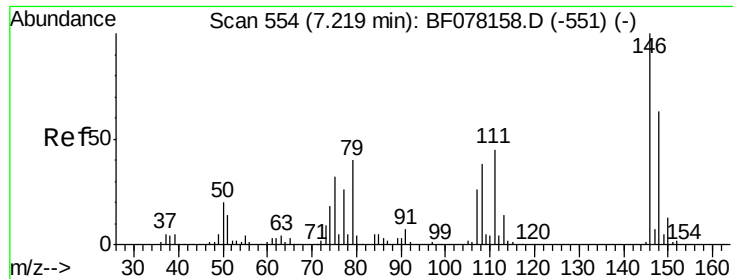
#13
 1,4-Dichlorobenzene
 Concen: 39.16 ng
 RT: 7.04 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
111	42.7	35.0	52.4



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

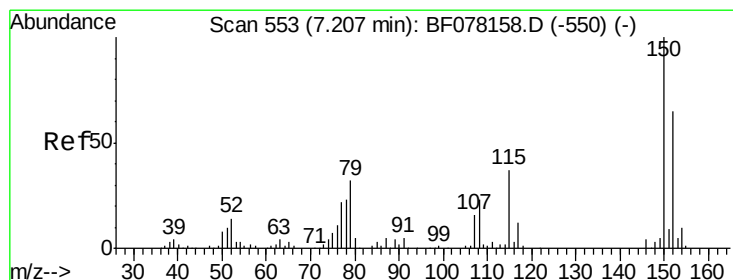
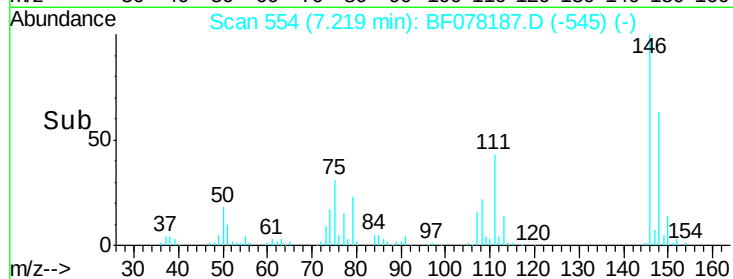
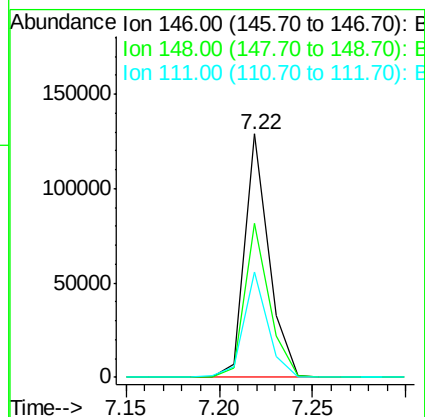
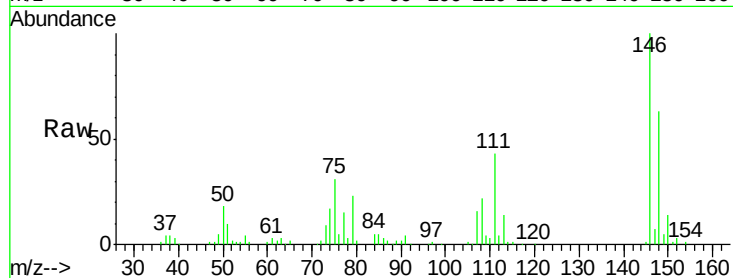




#14
 1,2-Dichlorobenzene
 Concen: 40.79 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

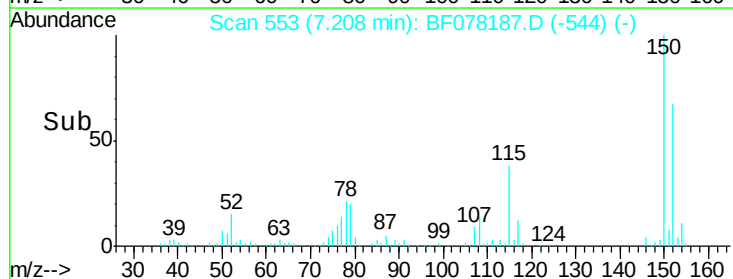
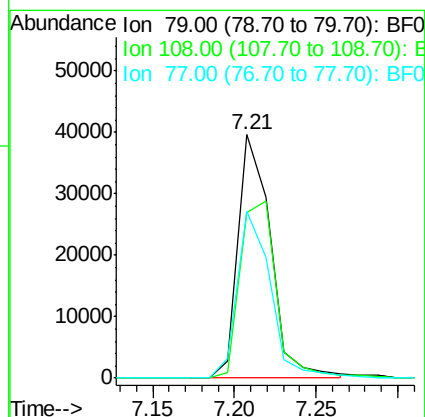
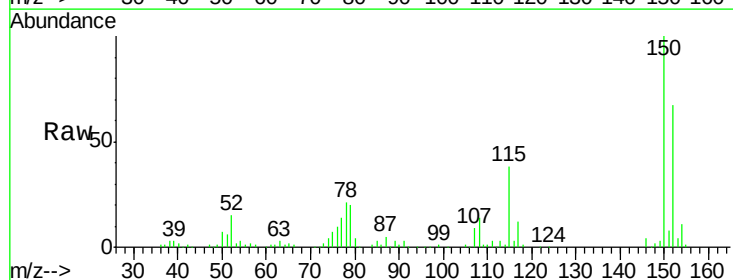
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

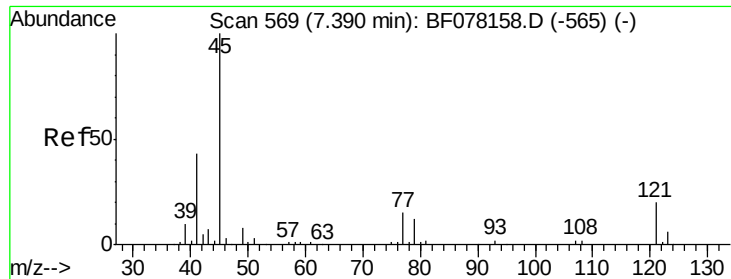
Tot Ion:146 Resp: 116704
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.2 75.4
 111 43.4 36.1 54.1



#15
 Benzyl Alcohol
 Concen: 26.58 ng
 RT: 7.21 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion: 79 Resp: 54643
 Ion Ratio Lower Upper
 79 100
 108 68.2 57.6 86.4
 77 68.6 53.5 80.3

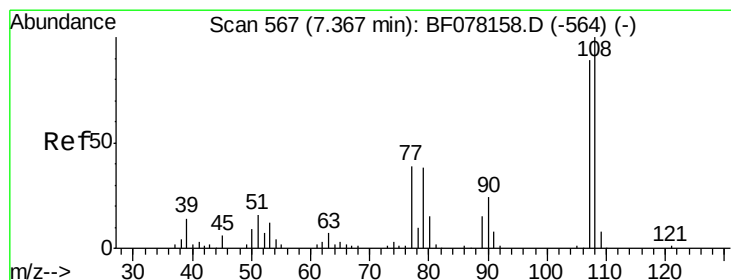
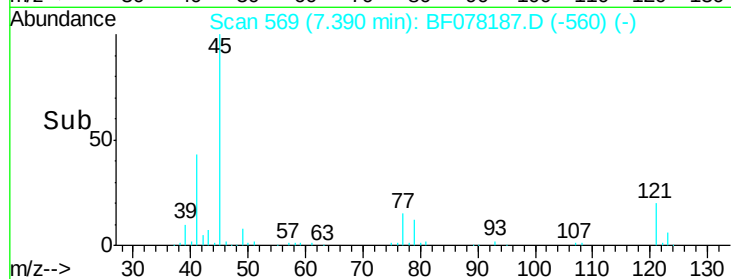
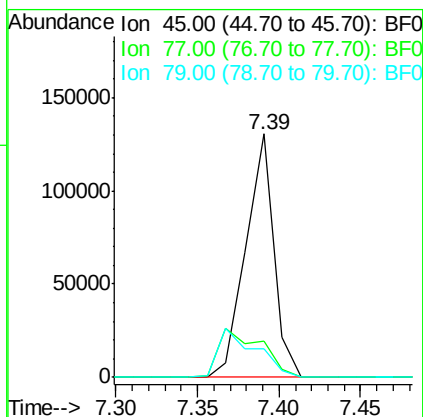
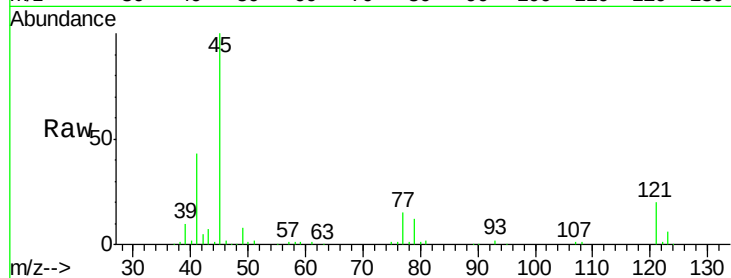




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 46.27 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

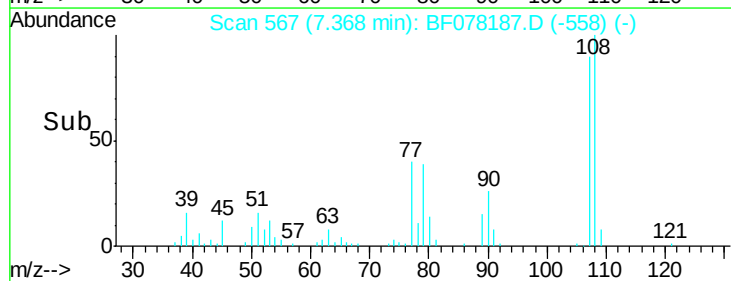
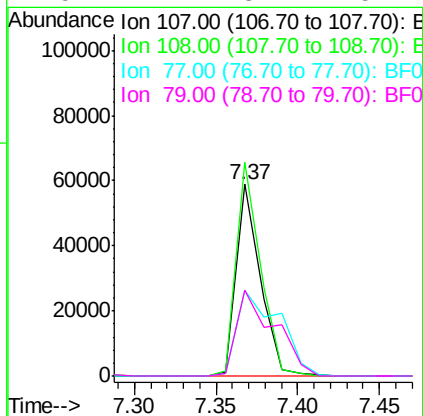
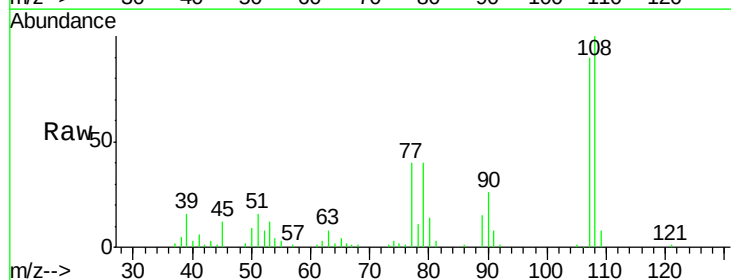
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

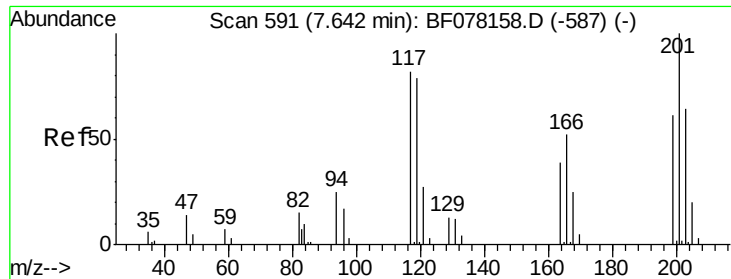
Tot Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.5
79	12.0	0.0	31.9



#17
2-Methylphenol
Concen: 27.75 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.3	135.5
77	44.7	35.5	53.3
79	44.7	34.2	51.4

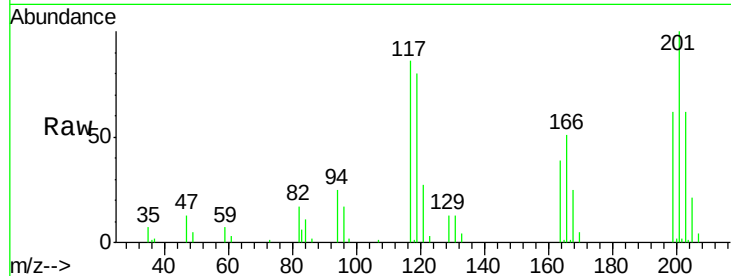




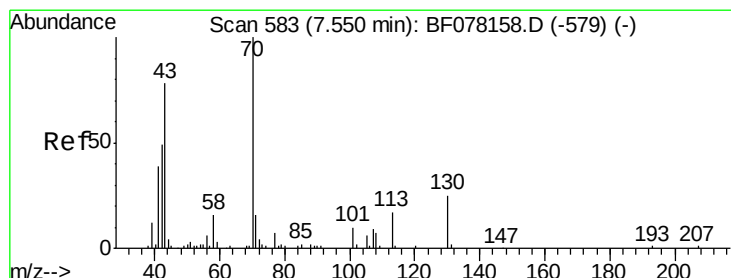
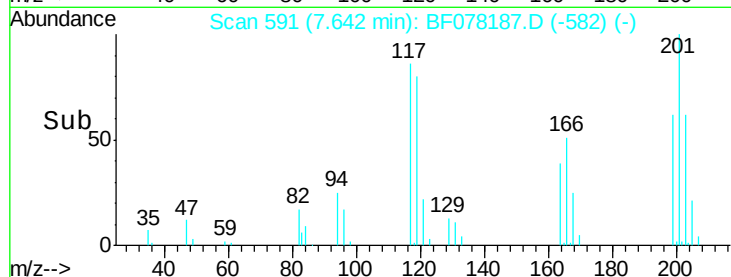
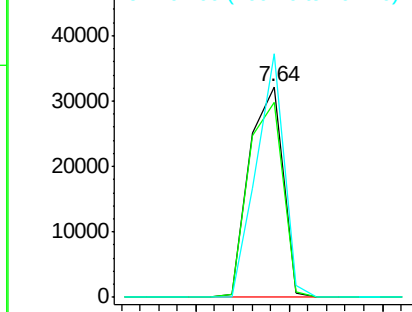
#18
Hexachloroethane
Concen: 39.03 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion: 117 Resp: 40165
Ion Ratio Lower Upper
117 100
119 92.8 77.0 115.6
201 115.6 98.1 147.1

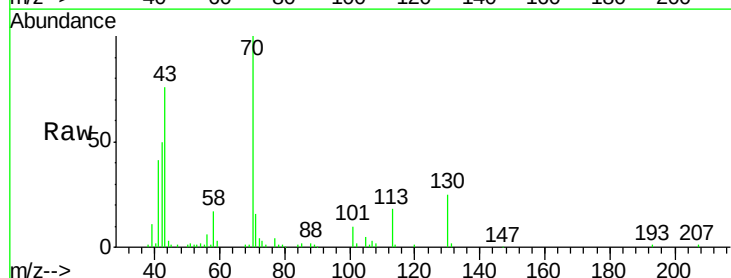


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

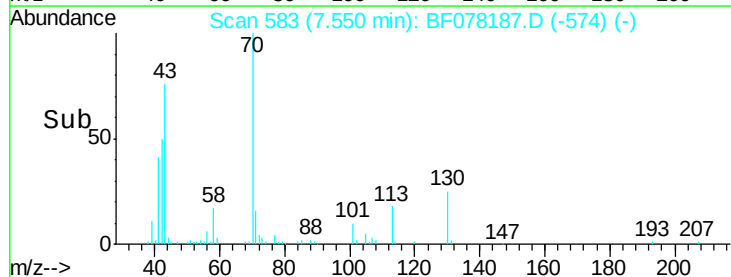
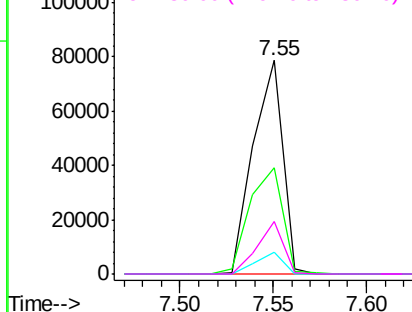


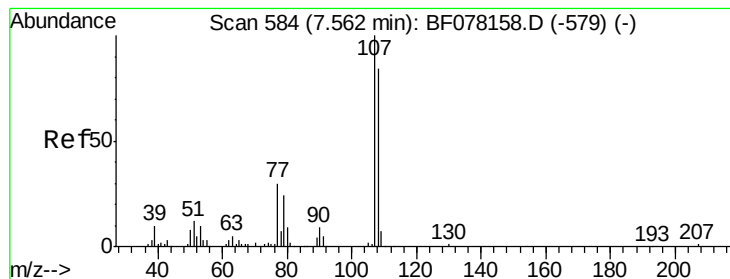
#19
n-Nitroso-di-n-propylamine
Concen: 45.70 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion: 70 Resp: 88185
Ion Ratio Lower Upper
70 100
42 49.5 38.9 58.3
101 10.2 8.3 12.5
130 24.8 19.8 29.8



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: 25.30 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:107 Resp: 72318

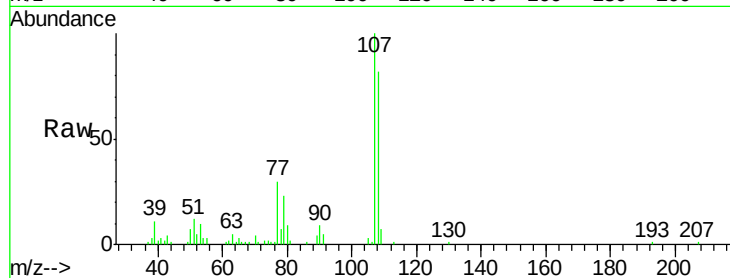
Ion Ratio Lower Upper

107 100

108 81.5 64.4 104.4

77 30.3 9.7 49.7

79 22.9 4.0 44.0

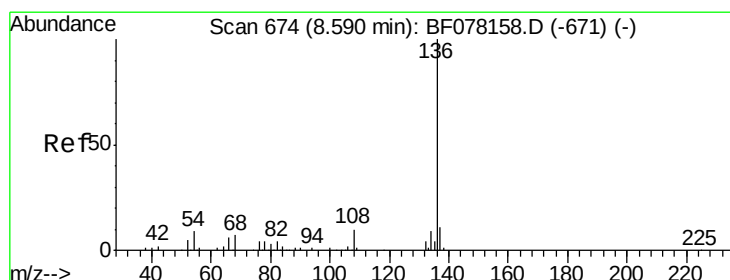
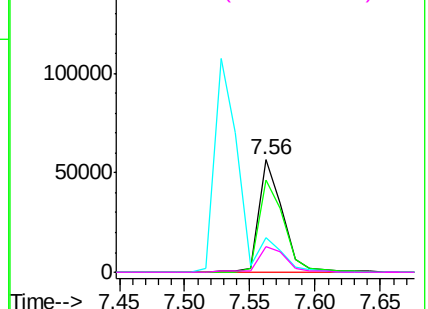
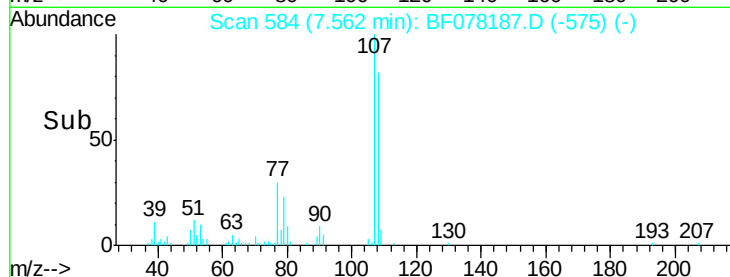


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:136 Resp: 152810

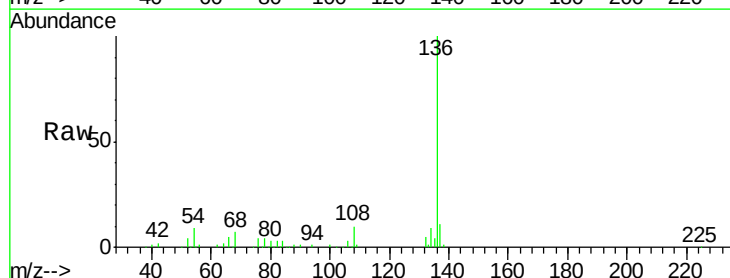
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.5 7.0 10.6

68 6.7 5.4 8.2

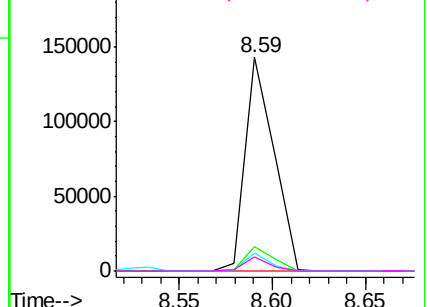
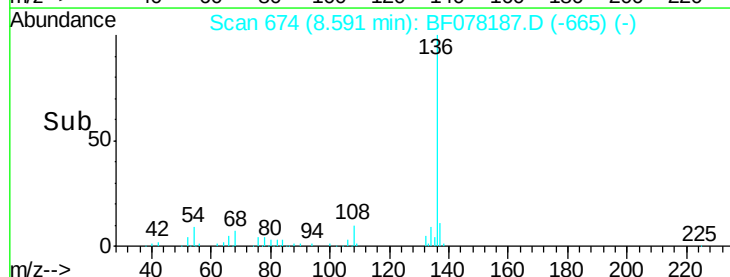


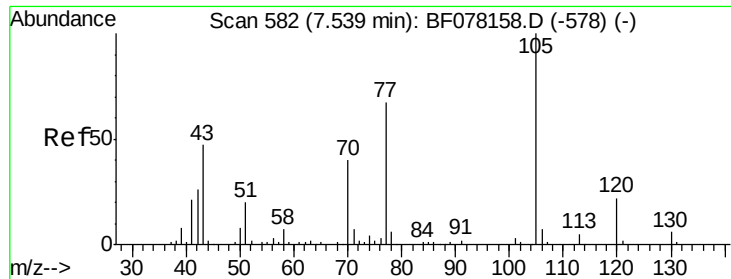
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

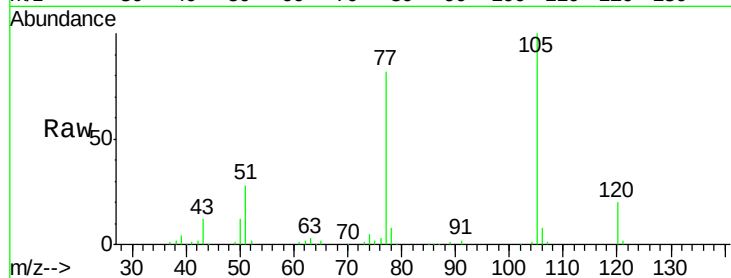




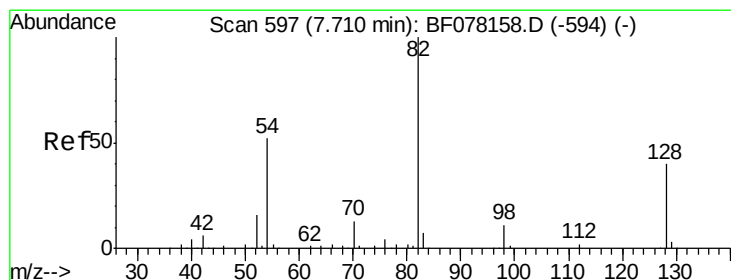
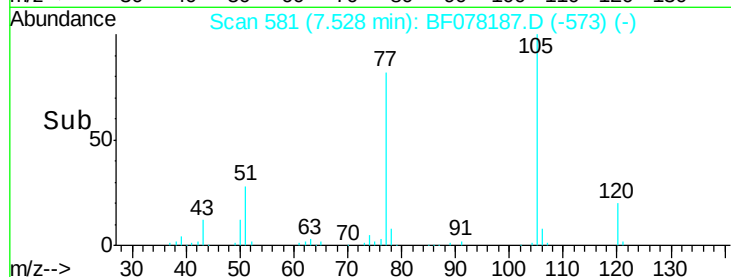
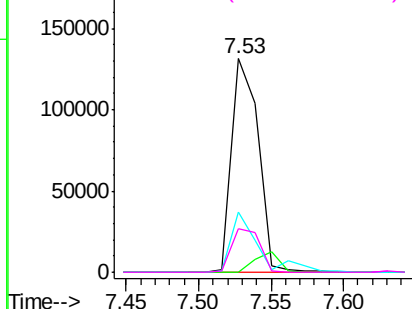
#22
Acetophenone
Concen: 47.17 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion:105 Resp: 167961
Ion Ratio Lower Upper
105 100
71 0.0 5.5 8.3#
51 28.3 16.0 24.0#
120 20.4 17.8 26.6

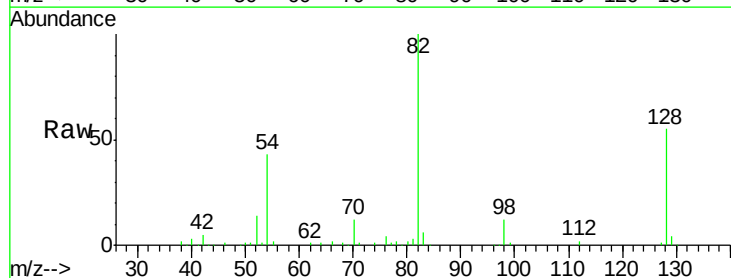


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

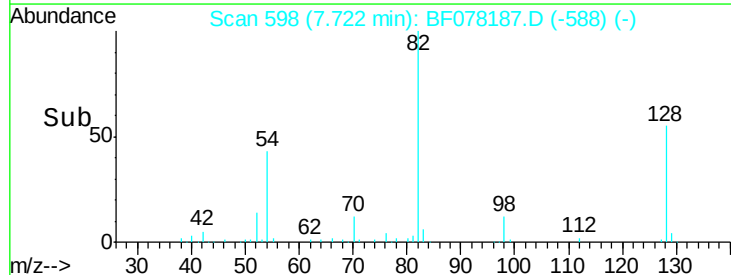
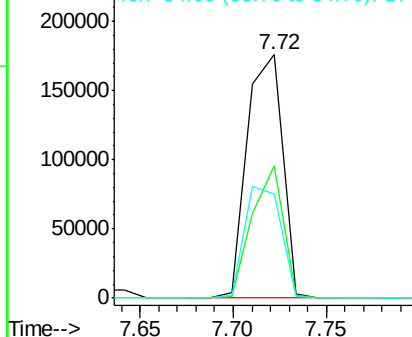


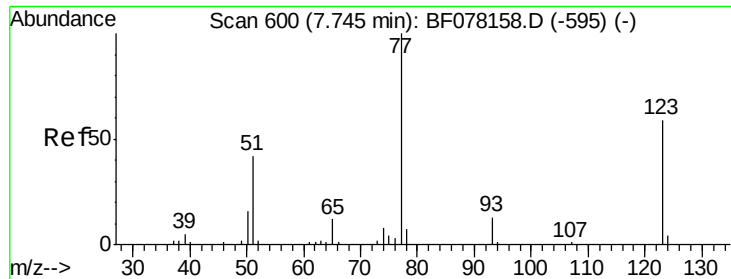
#23
Nitrobenzene-d5
Concen: 91.80 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion: 82 Resp: 231443
Ion Ratio Lower Upper
82 100
128 54.5 31.8 47.8#
54 42.6 41.5 62.3



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

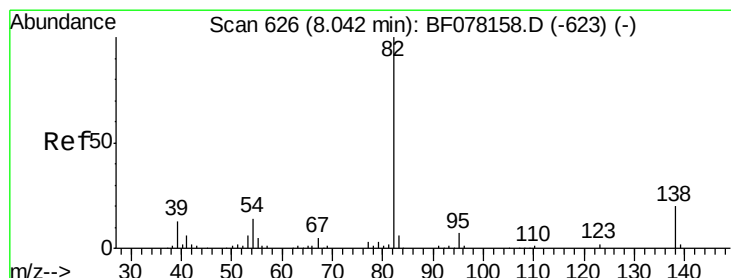
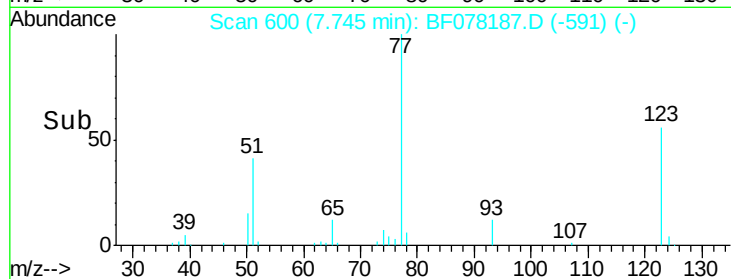
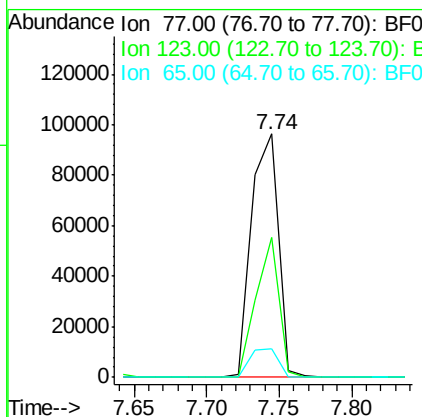
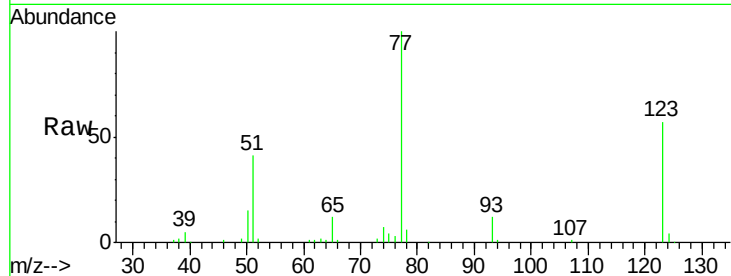




#24
 Nitrobenzene
 Concen: 47.29 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

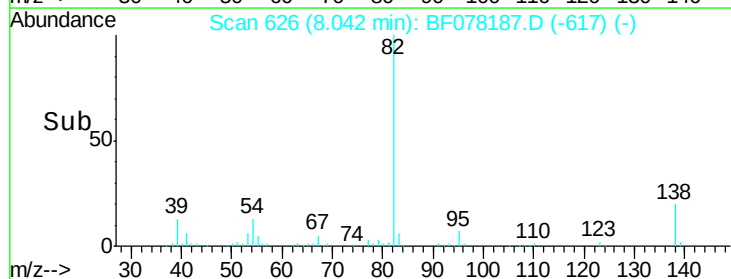
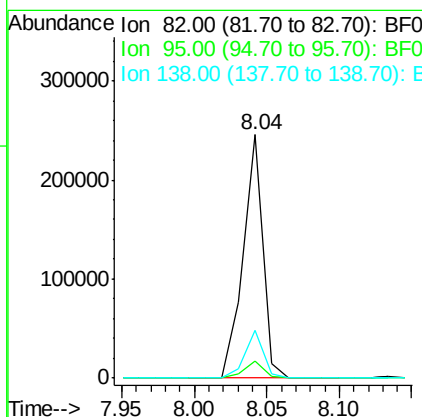
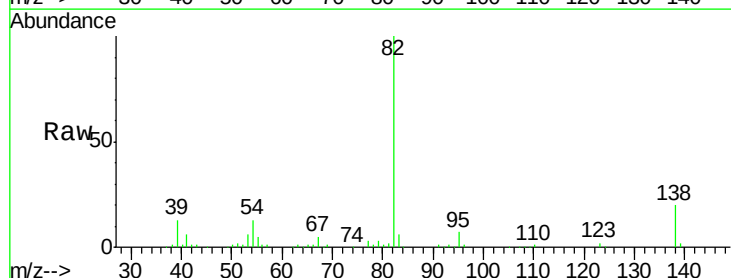
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

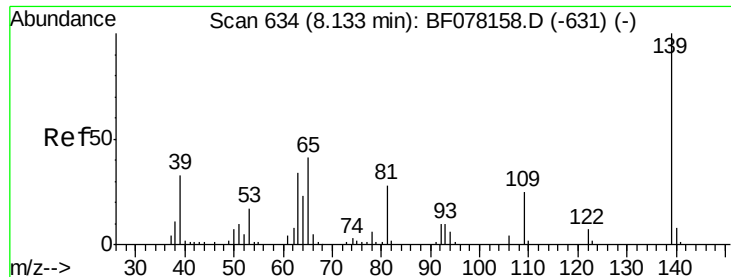
Tot Ion	77	123	65	Resp	Lower	Upper
77	100					
123	57.4	46.9				70.3
65	11.8	9.5				14.3



#25
 Isophorone
 Concen: 48.60 ng
 RT: 8.04 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	82	138	95	Resp	Lower	Upper
82	100					
95	7.1	5.7				8.5
138	19.6	15.8				23.8

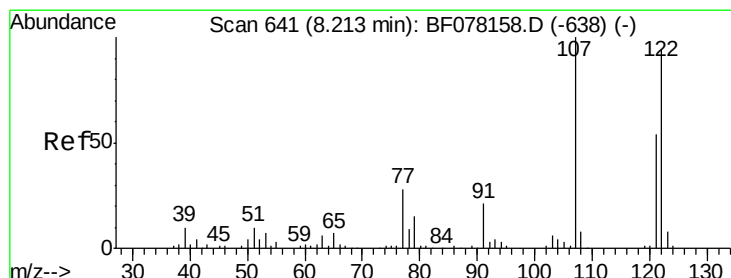
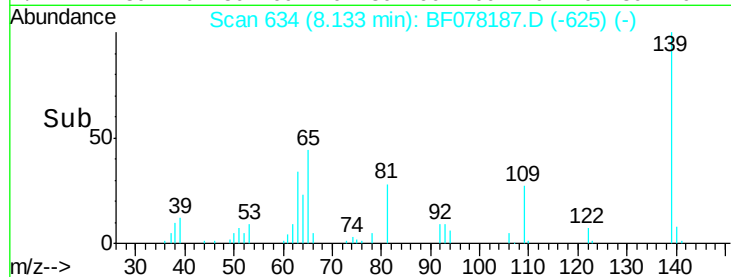
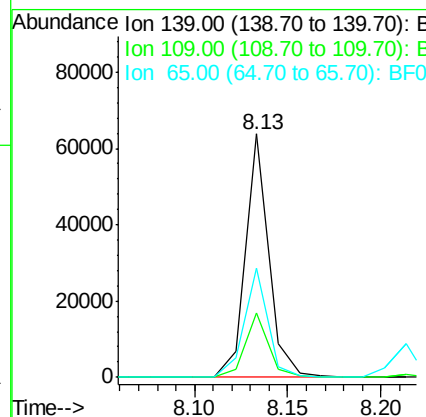
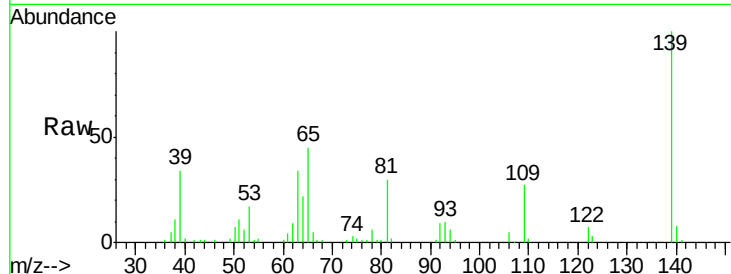




#26
 2-Nitrophenol
 Concen: 44.28 ng
 RT: 8.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

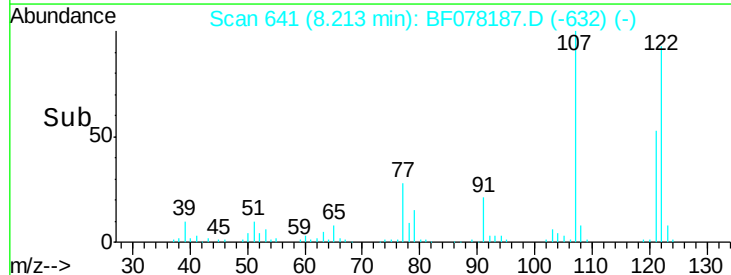
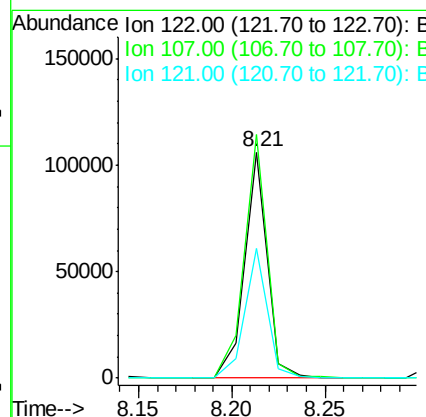
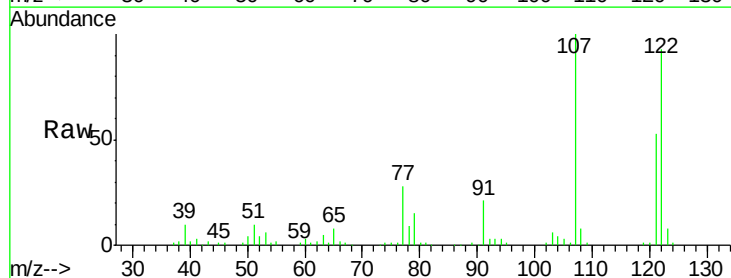
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

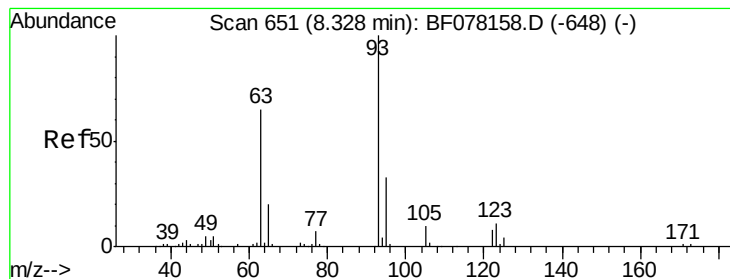
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.6	19.8	29.8
65	45.1	32.7	49.1



#27
 2,4-Dimethylphenol
 Concen: 38.46 ng
 RT: 8.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.9	84.6	127.0
121	57.3	46.0	69.0





#28

bis(2-Chloroethoxy)methane

Concen: 49.04 ng

RT: 8.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

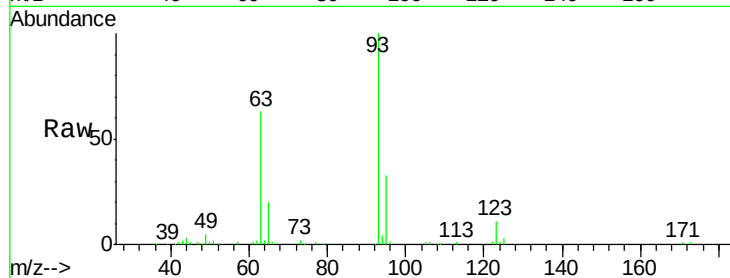
Tot Ion: 93 Resp: 150449

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.1	9.1	13.7

93 100

95 32.9 26.3 39.5

123 11.1 9.1 13.7

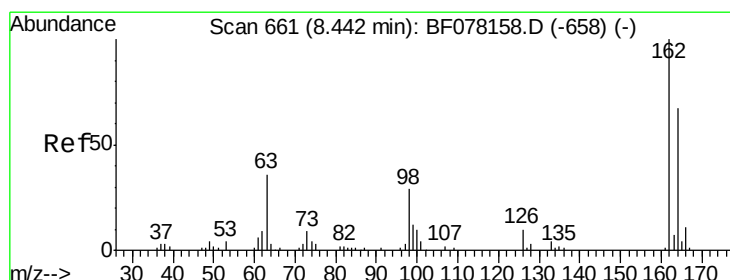
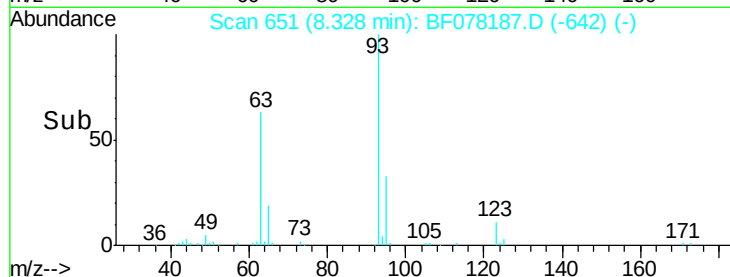
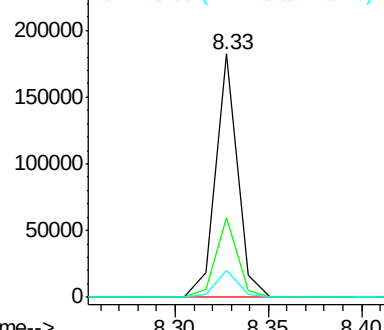


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 42.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

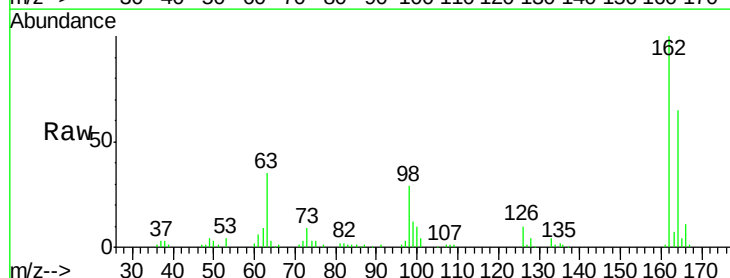
Tgt Ion:162 Resp: 89229

Ion	Ratio	Lower	Upper
162	100		
164	64.9	47.0	87.0
98	29.2	9.2	49.2

162 100

164 64.9 47.0 87.0

98 29.2 9.2 49.2

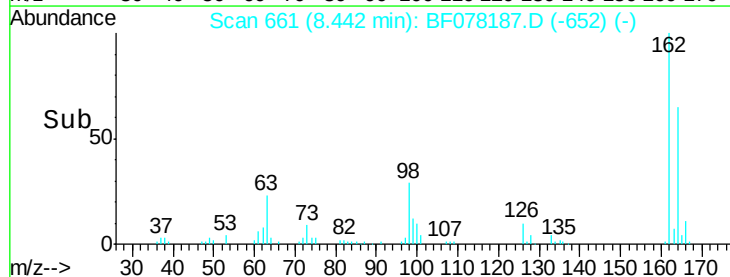
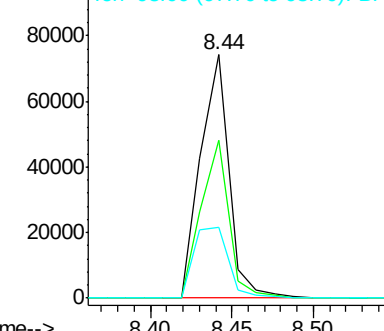


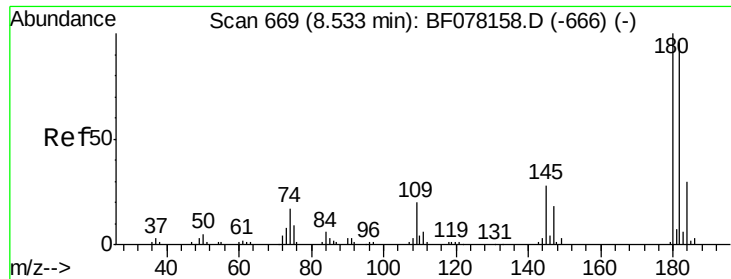
Abundance

Ion 162.00 (161.70 to 162.70): BF0

Ion 164.00 (163.70 to 164.70): BF0

Ion 98.00 (97.70 to 98.70): BF0

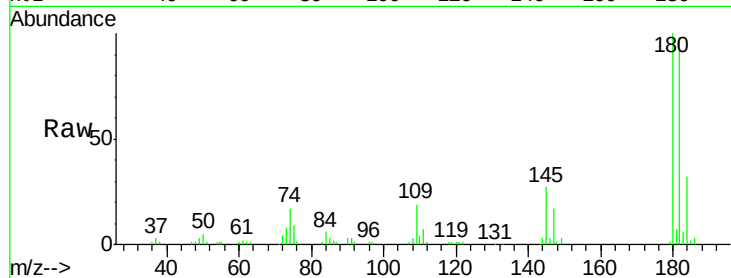




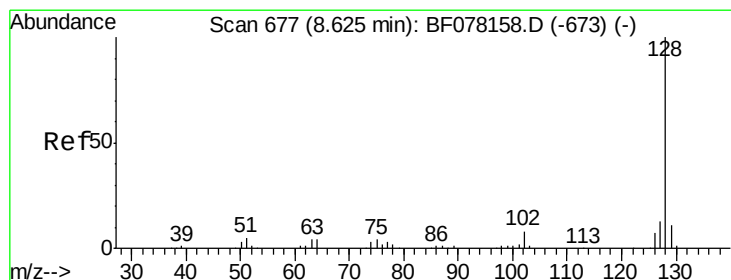
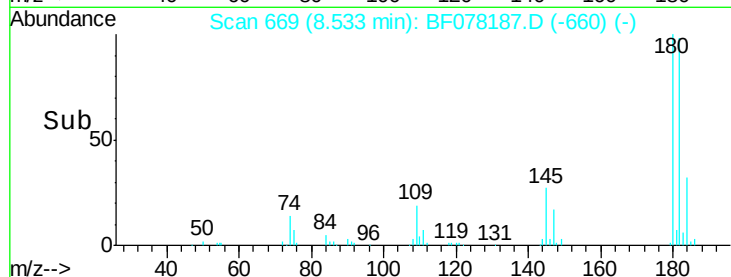
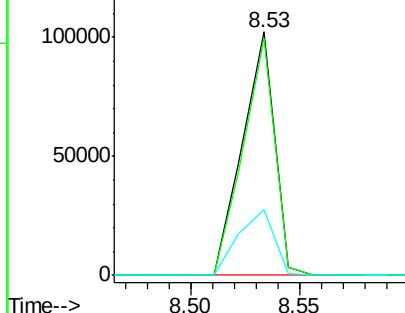
#30
 1,2,4-Trichlorobenzene
 Concen: 43.06 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion:180 Resp: 104903
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.9 115.3
 145 27.0 22.5 33.7

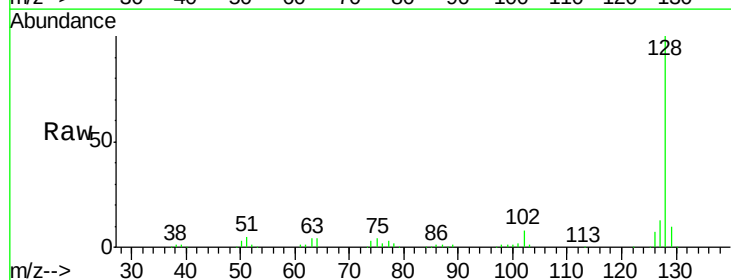


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

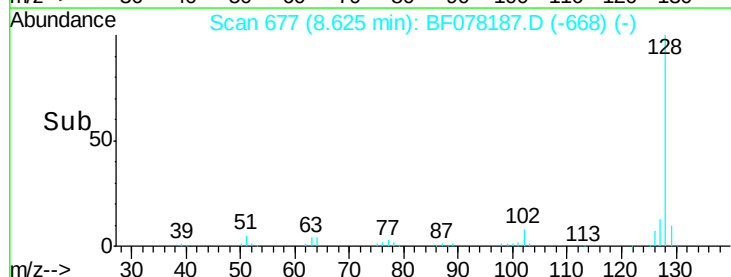
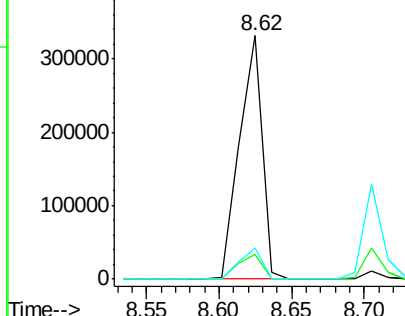


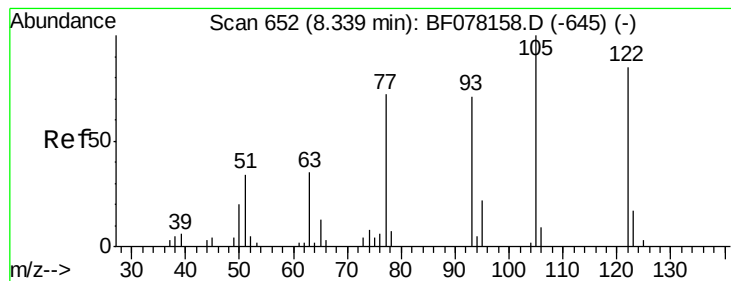
#31
 Naphthalene
 Concen: 45.23 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:128 Resp: 359723
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 12.8
 127 13.0 10.7 16.1



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





#32

Benzoic acid

Concen: 14.76 ng

RT: 8.32 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

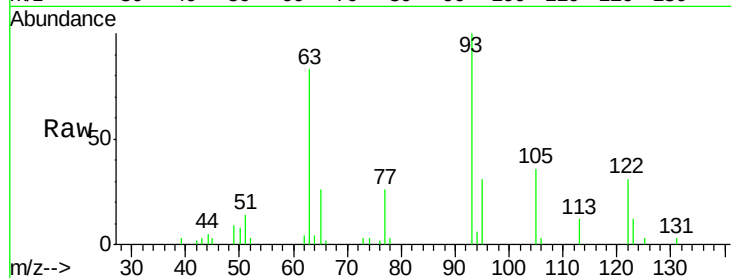
Tot Ion:122 Resp: 11196

Ion Ratio Lower Upper

122 100

105 114.6 96.1 136.1

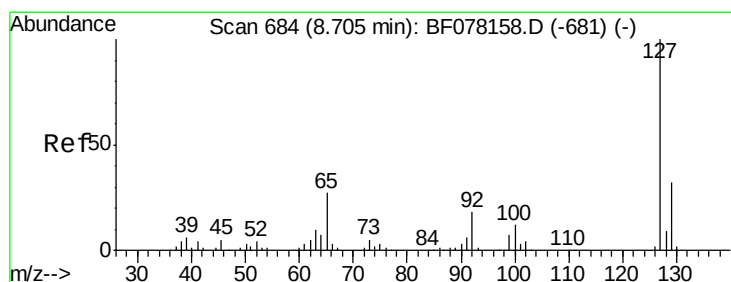
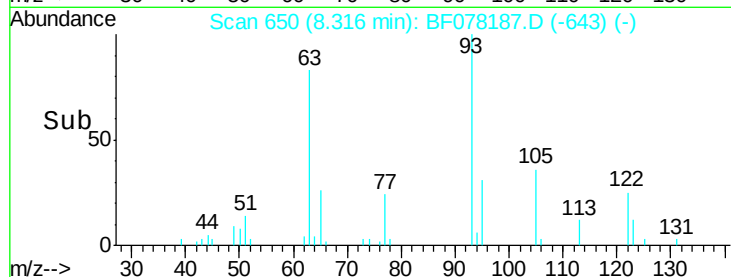
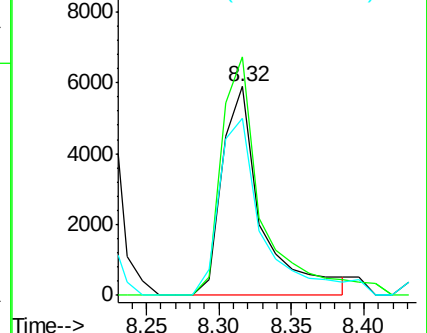
77 85.2 64.1 104.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 35.34 ng

RT: 8.70 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:127 Resp: 116644

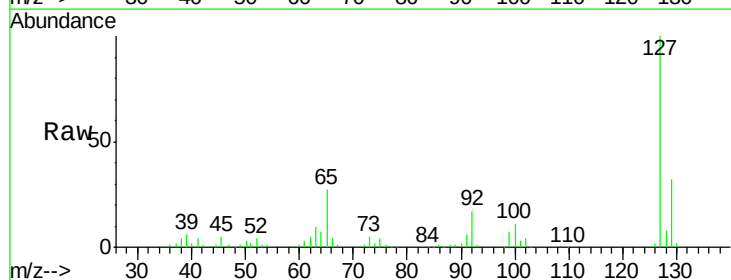
Ion Ratio Lower Upper

127 100

129 32.3 25.5 38.3

65 27.4 21.7 32.5

92 17.2 14.6 21.8

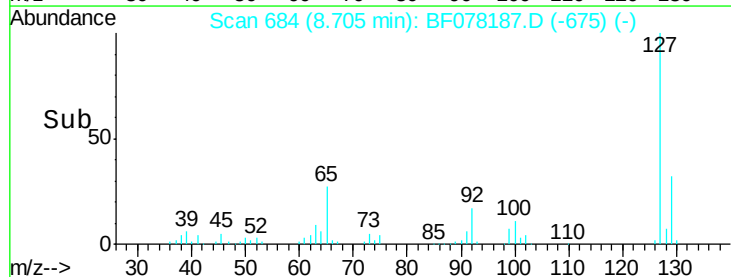
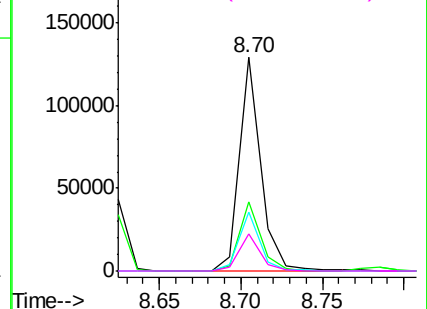


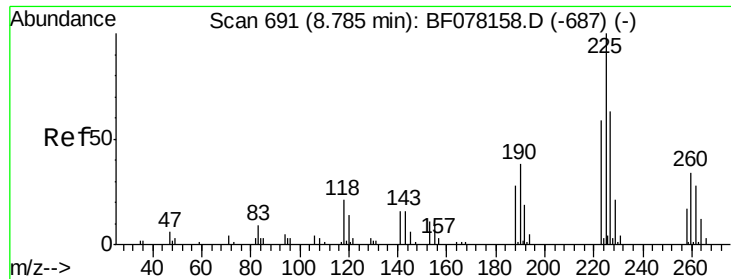
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 40.93 ng

RT: 8.78 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

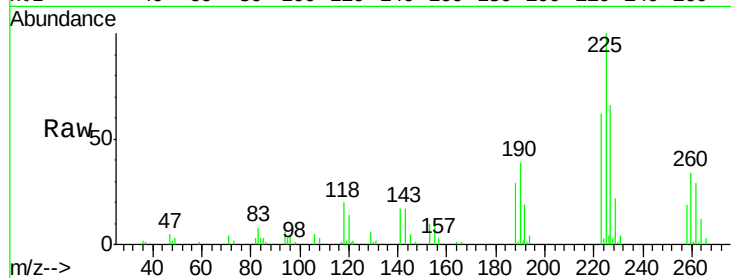
Tot Ion:225 Resp: 54749

Ion Ratio Lower Upper

225 100

223 62.3 47.5 71.3

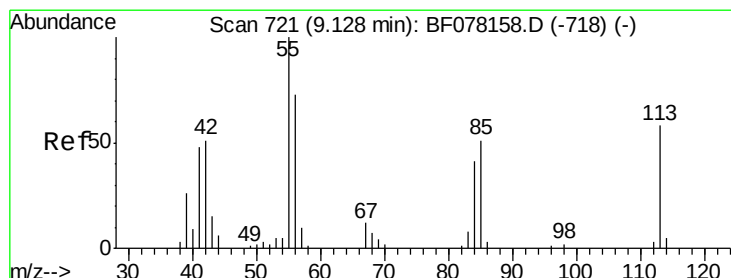
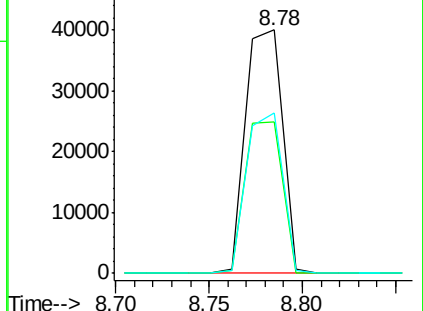
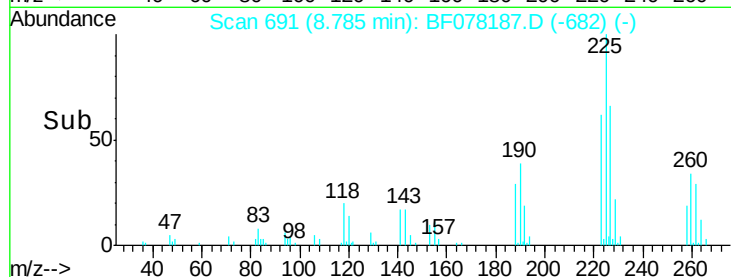
227 65.6 50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 5.22 ng

RT: 9.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

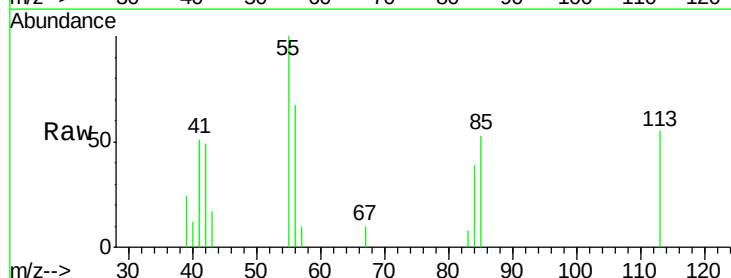
Tgt Ion:113 Resp: 3308

Ion Ratio Lower Upper

113 100

55 180.3 151.9 191.9

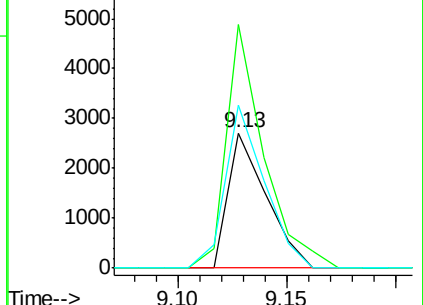
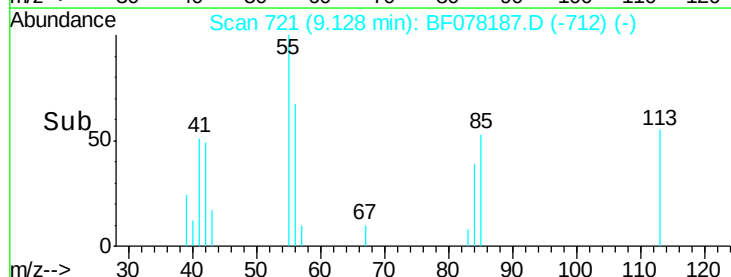
56 121.1 106.1 146.1

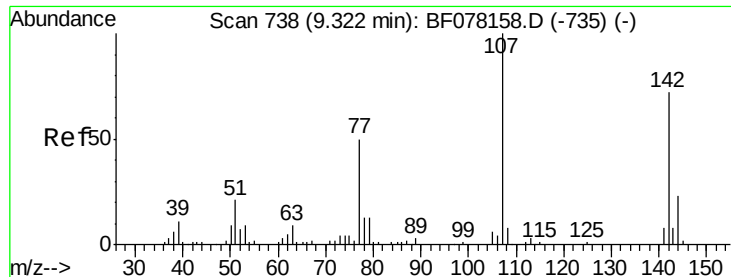


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

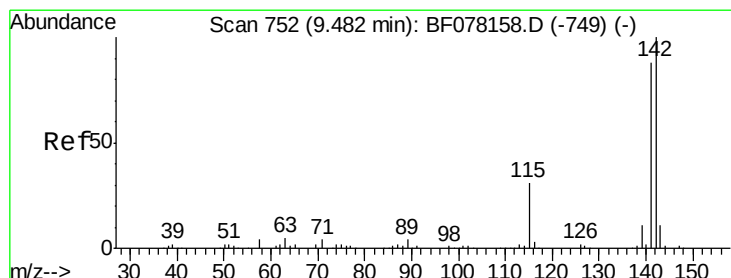
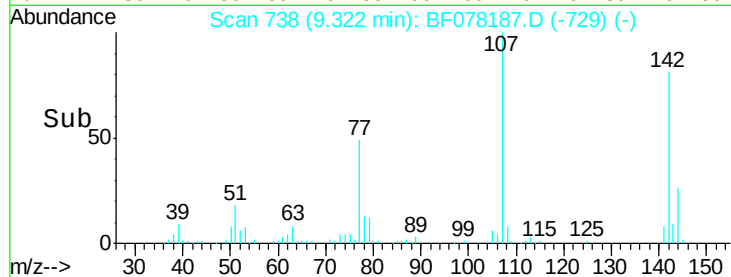
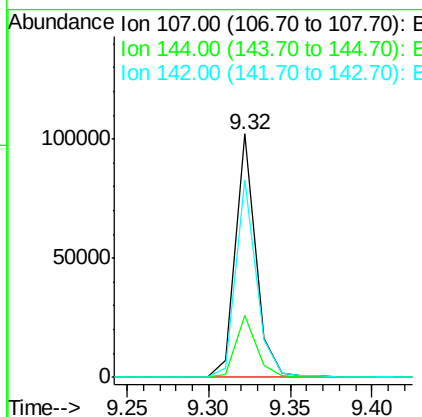
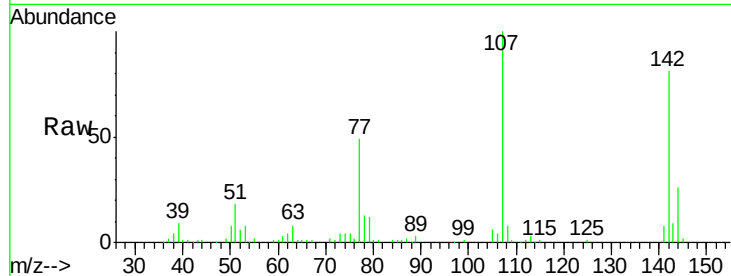




#36
 4-Chloro-3-methylphenol
 Concen: 41.31 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

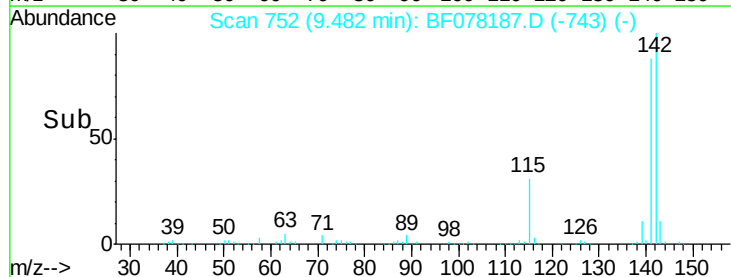
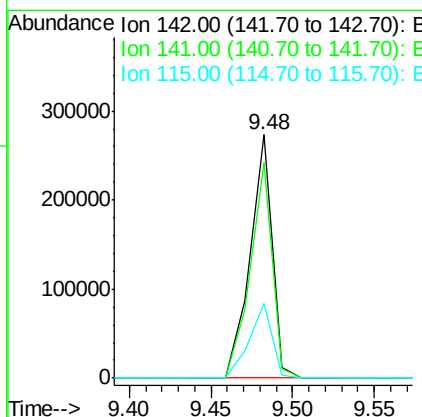
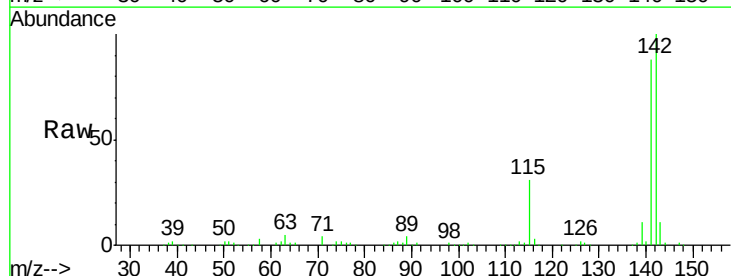
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

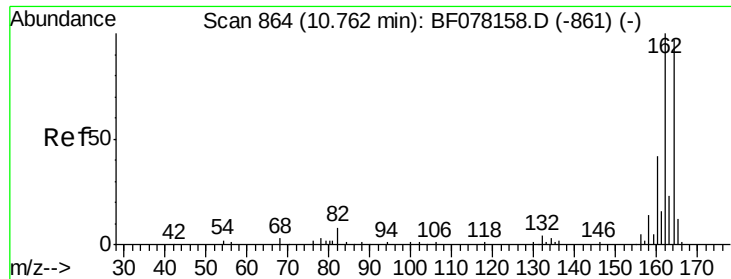
Tot Ion:107 Resp: 88565
 Ion Ratio Lower Upper
 107 100
 144 25.5 18.2 27.2
 142 80.9 58.0 87.0



#37
 2-Methylnaphthalene
 Concen: 47.50 ng
 RT: 9.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:142 Resp: 256518
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.3 105.5
 115 30.7 24.6 37.0

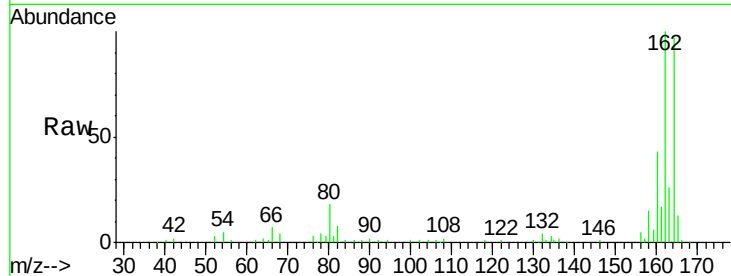




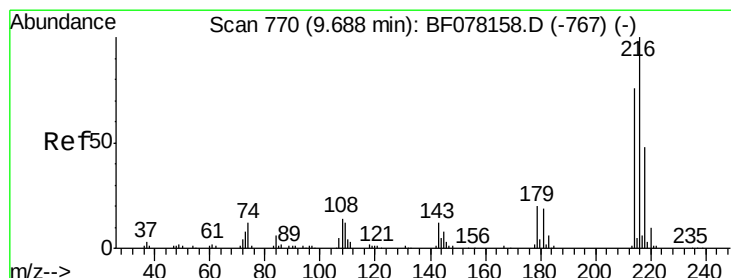
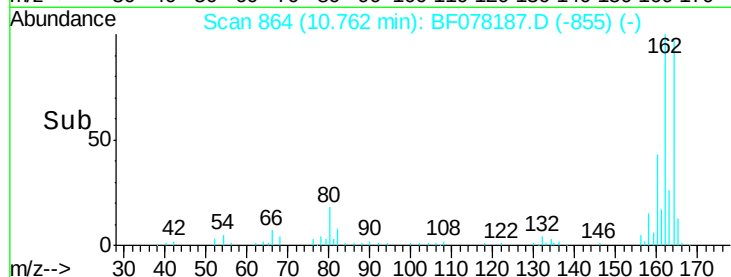
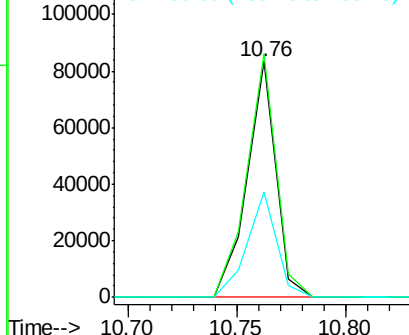
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion:164 Resp: 76409
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.2
 160 44.7 34.7 52.1



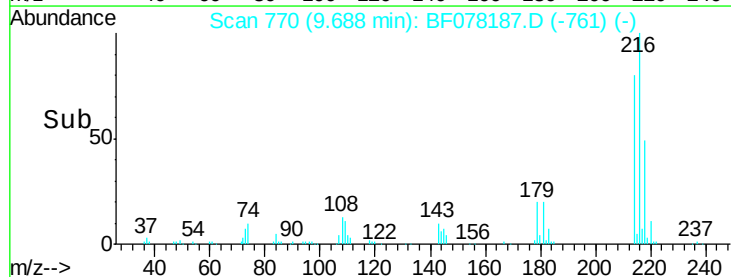
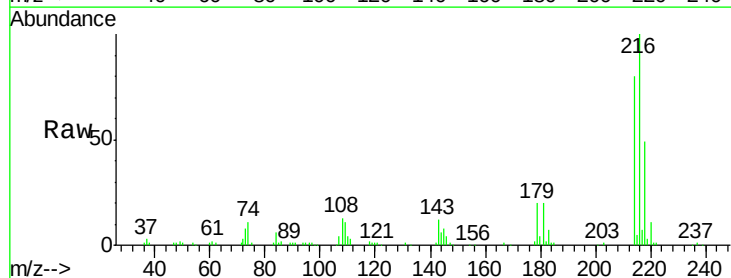
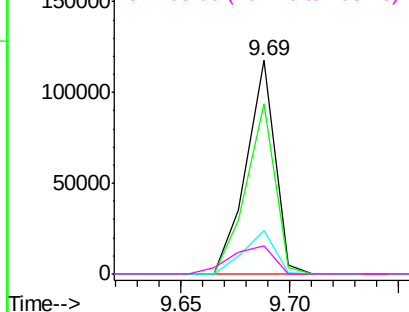
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

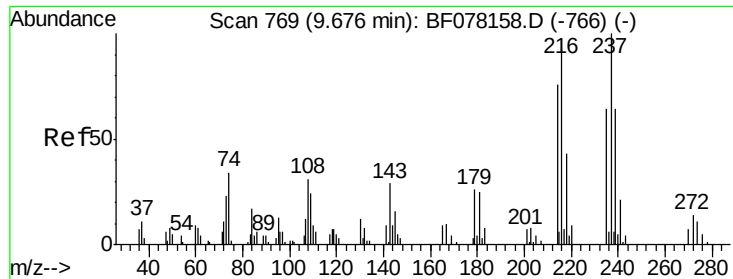


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.76 ng
 RT: 9.69 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:216 Resp: 108346
 Ion Ratio Lower Upper
 216 100
 214 80.6 62.0 93.0
 179 22.1 17.3 25.9
 108 19.7 14.6 21.8

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

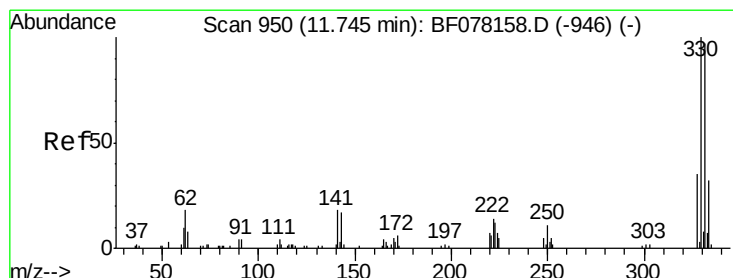
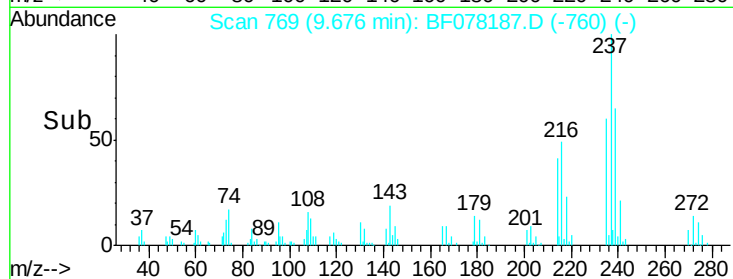
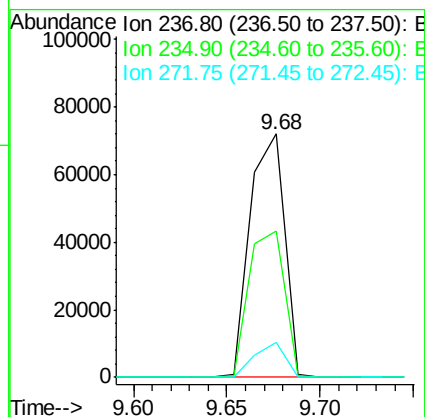
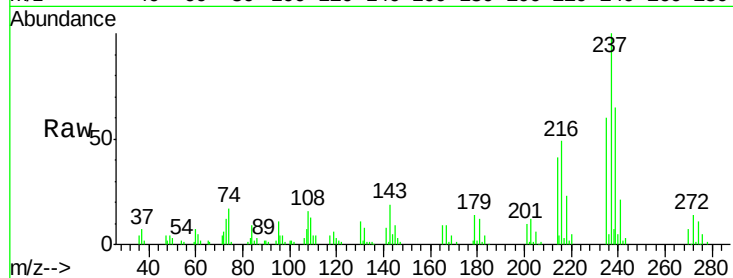




#40
Hexachlorocyclopentadiene
Concen: 91.04 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

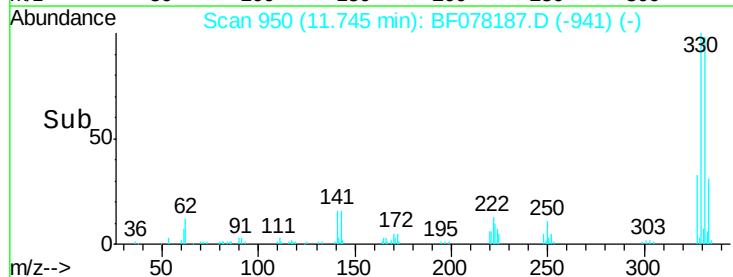
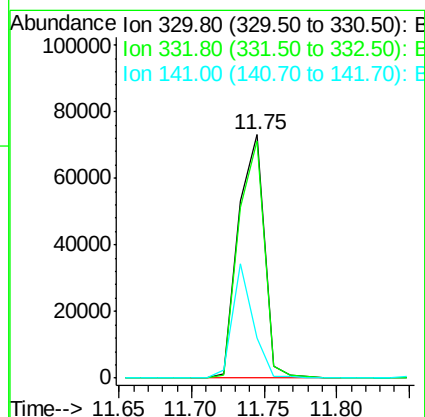
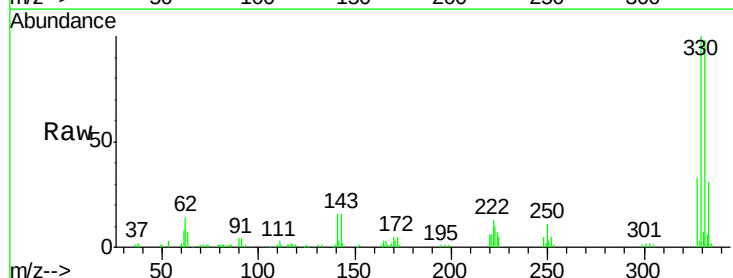
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

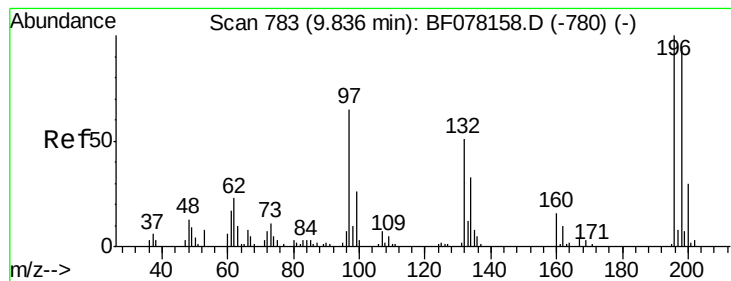
Tot Ion:237 Resp: 92330
Ion Ratio Lower Upper
237 100
235 60.1 44.1 84.1
272 14.2 0.0 34.4



#41
2,4,6-Tribromophenol
Concen: 143.70 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:330 Resp: 91065
Ion Ratio Lower Upper
330 100
332 96.8 78.6 117.8
141 37.5 31.2 46.8





#42

2,4,6-Trichlorophenol

Concen: 45.39 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

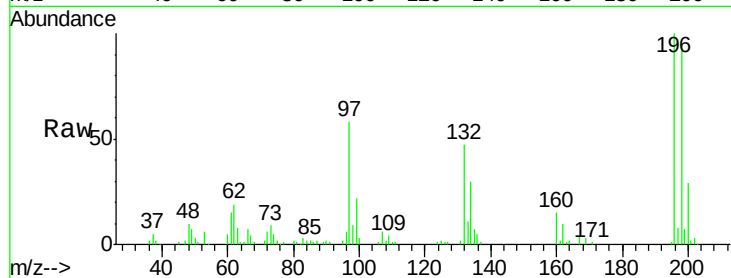
Tot Ion:196 Resp: 67766

Ion Ratio Lower Upper

196 100

198 95.3 75.4 113.2

200 29.5 24.0 36.0

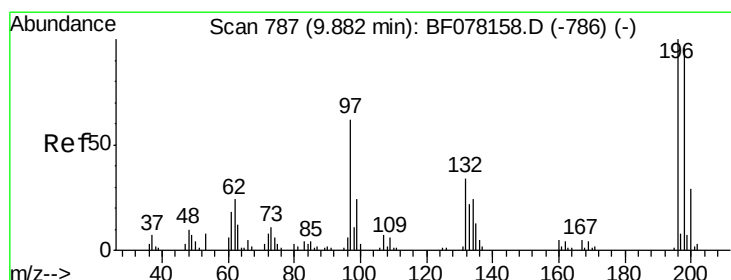
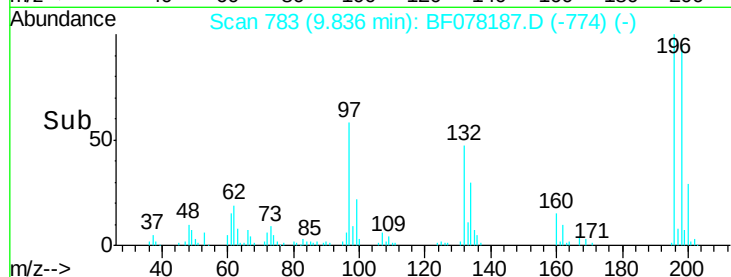
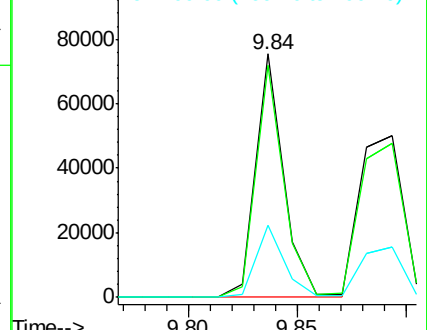


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 44.44 ng

RT: 9.89 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:196 Resp: 69316

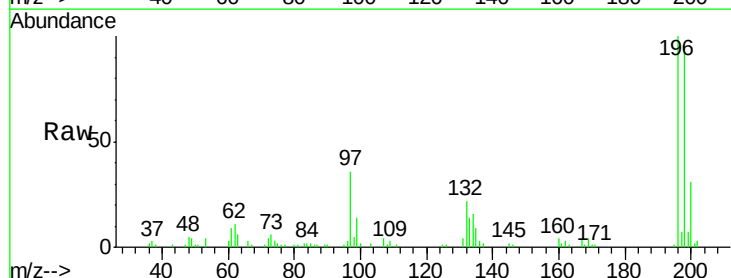
Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

97 35.7 50.6 75.8#

132 22.3 27.7 41.5#



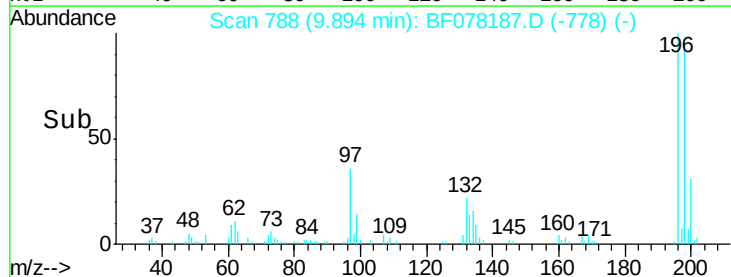
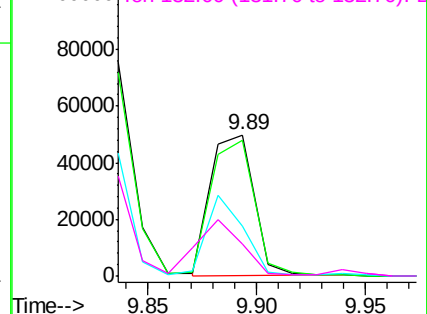
Abundance

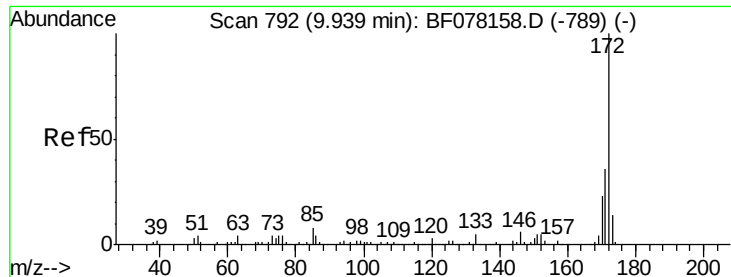
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 94.22 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

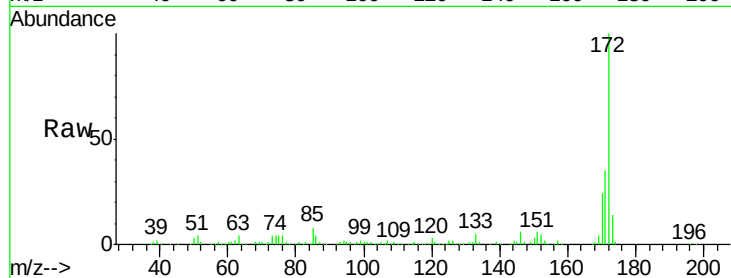
Tot Ion:172 Resp: 503635

Ion Ratio Lower Upper

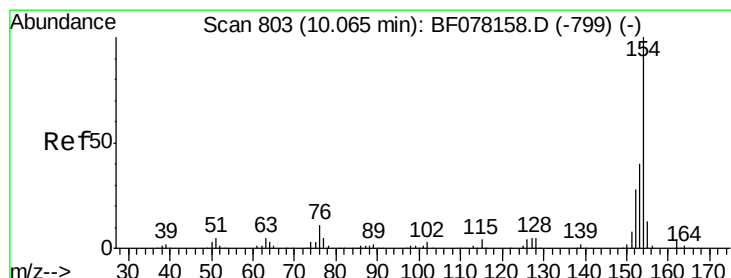
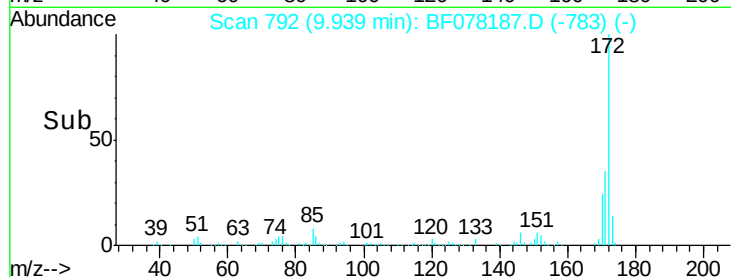
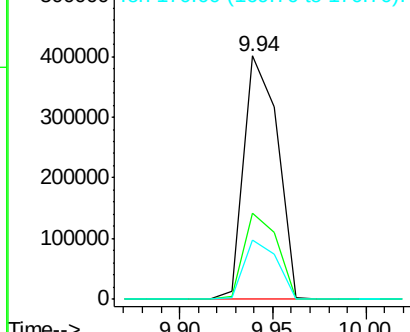
172 100

171 35.2 28.6 42.8

170 24.2 18.5 27.7



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



#45

1,1'-Biphenyl

Concen: 48.69 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

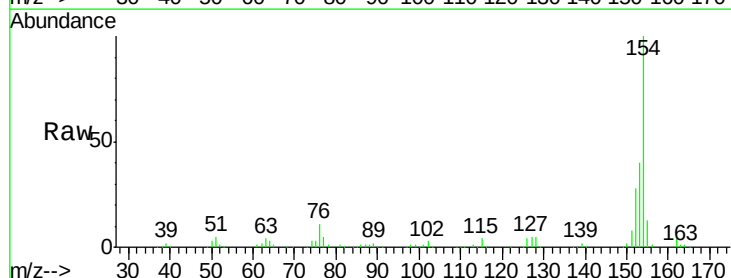
Tgt Ion:154 Resp: 304288

Ion Ratio Lower Upper

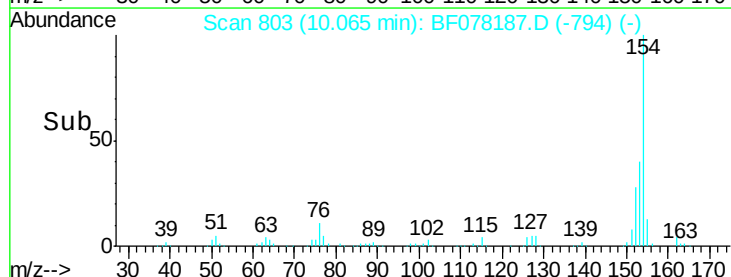
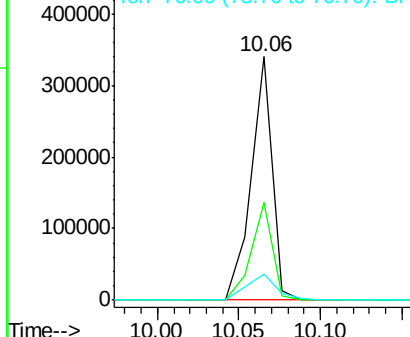
154 100

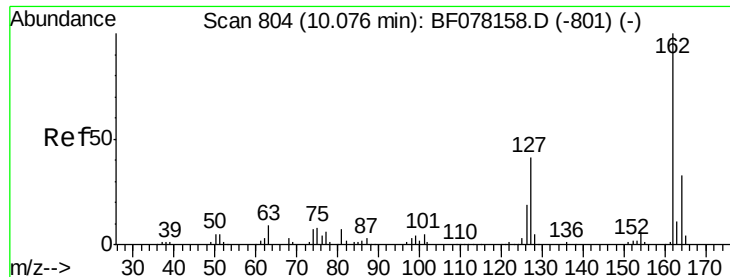
153 40.1 20.0 60.0

76 10.8 0.0 30.6



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

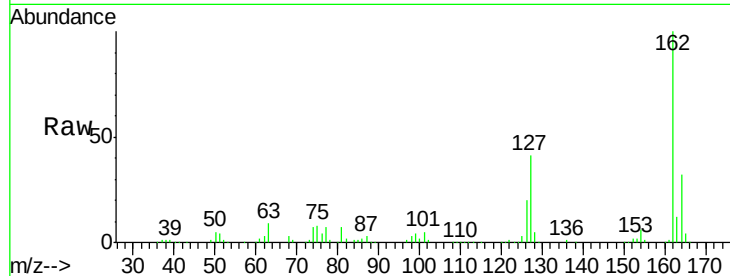




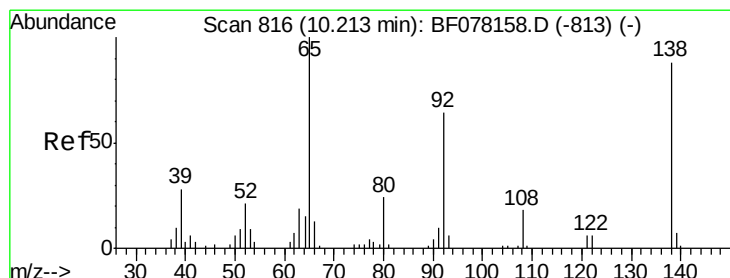
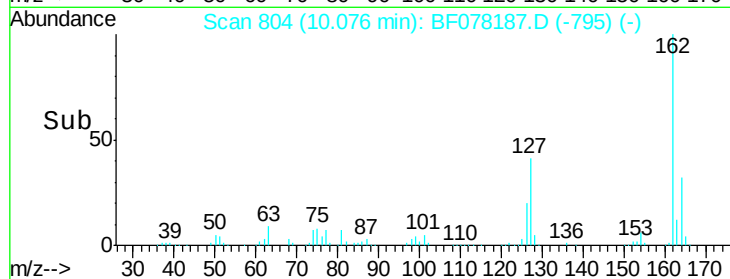
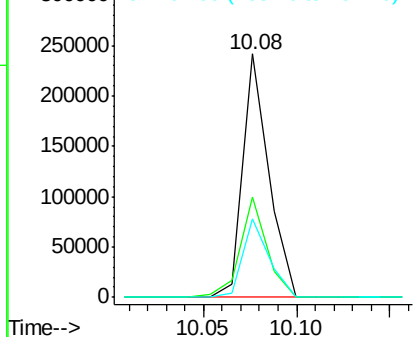
#46
 2-Chloronaphthalene
 Concen: 47.70 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion:162 Resp: 234558
 Ion Ratio Lower Upper
 162 100
 127 41.2 32.6 49.0
 164 32.4 26.0 39.0

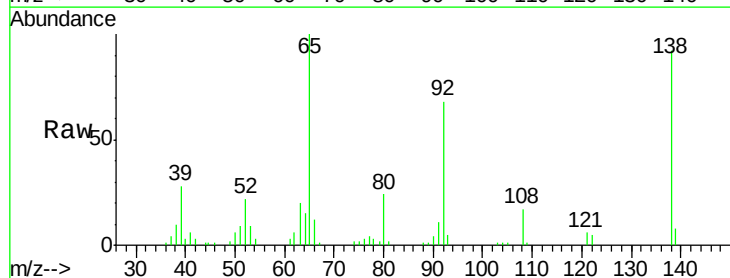


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

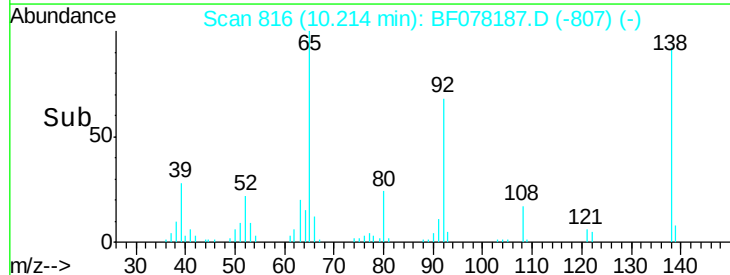
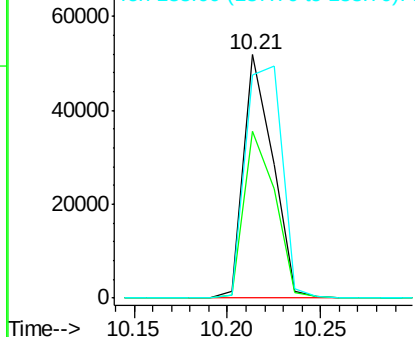


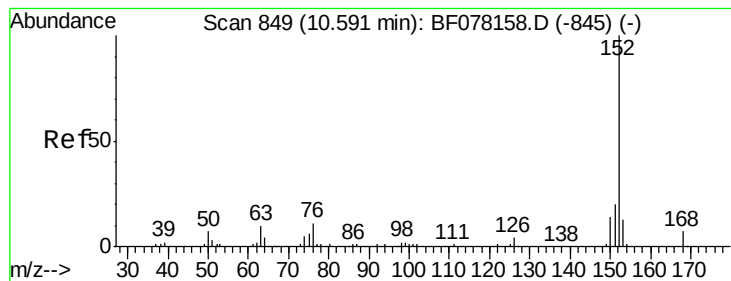
#47
 2-Nitroaniline
 Concen: 46.95 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion: 65 Resp: 57119
 Ion Ratio Lower Upper
 65 100
 92 68.4 51.3 76.9
 138 91.9 70.4 105.6



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: 46.62 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

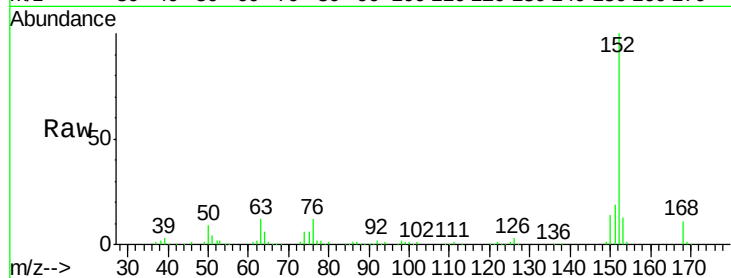
Tot Ion:152 Resp: 370195

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

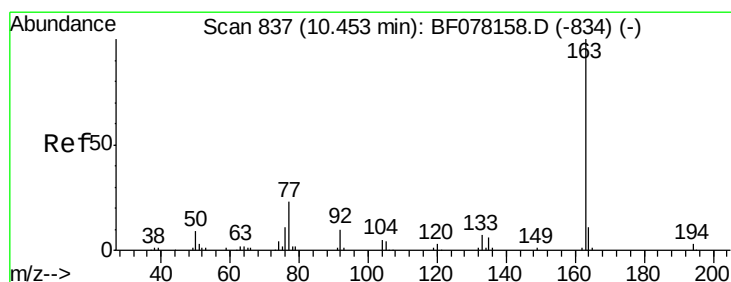
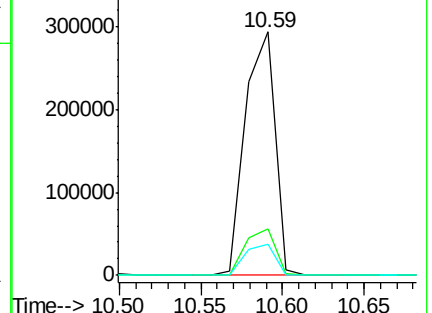
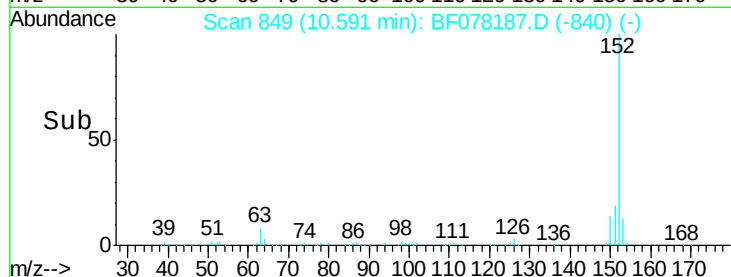
153 12.7 10.2 15.2



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: 48.86 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

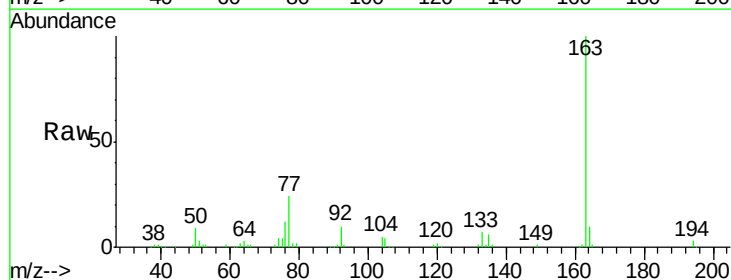
Tgt Ion:163 Resp: 280486

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

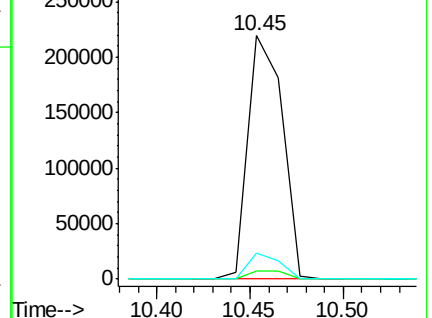
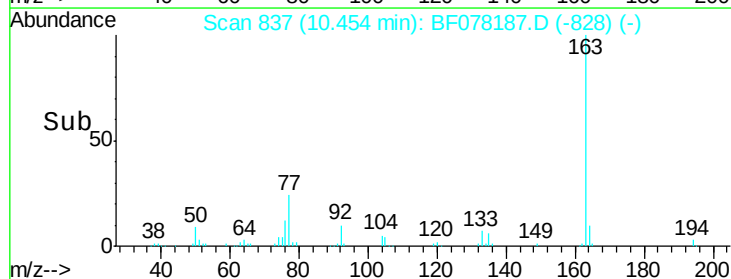
164 10.5 8.6 13.0

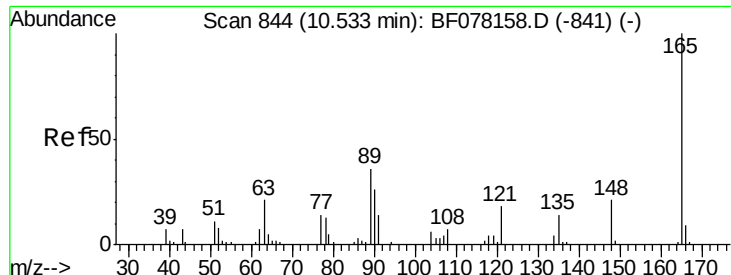


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

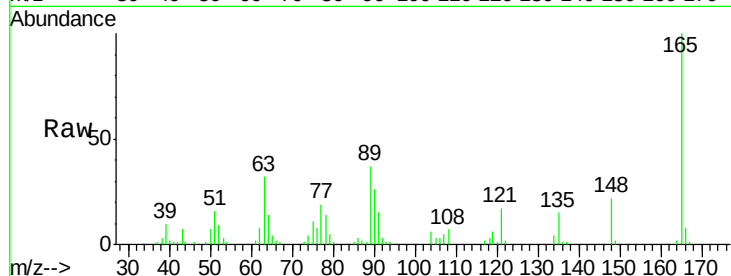




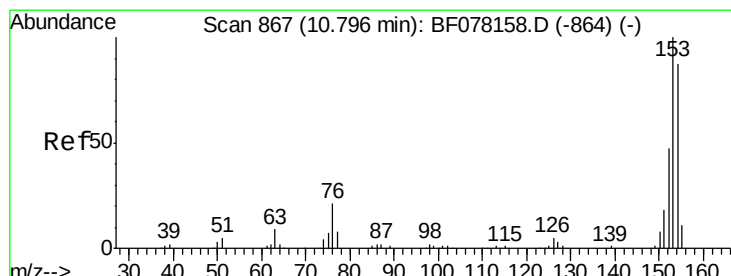
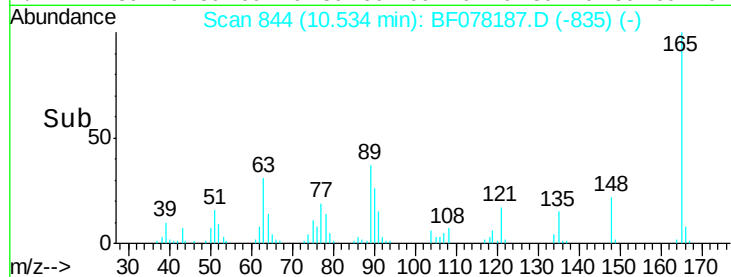
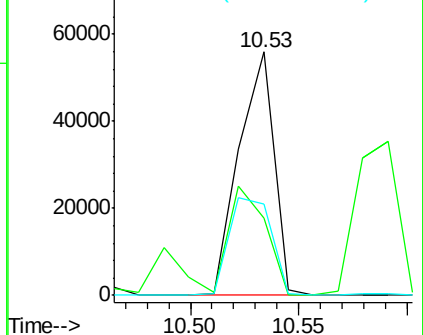
#50
 2,6-Dinitrotoluene
 Concen: 52.91 ng
 RT: 10.53 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion:165 Resp: 62488
 Ion Ratio Lower Upper
 165 100
 63 31.7 24.1 36.1
 89 37.3 28.9 43.3

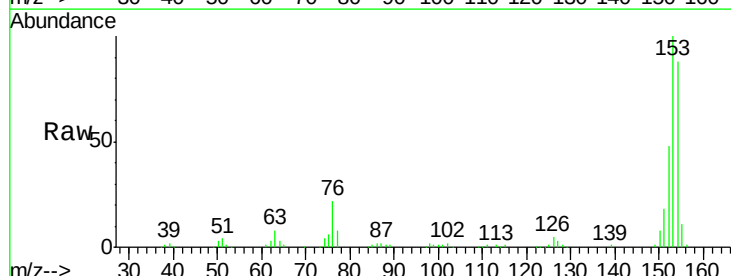


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

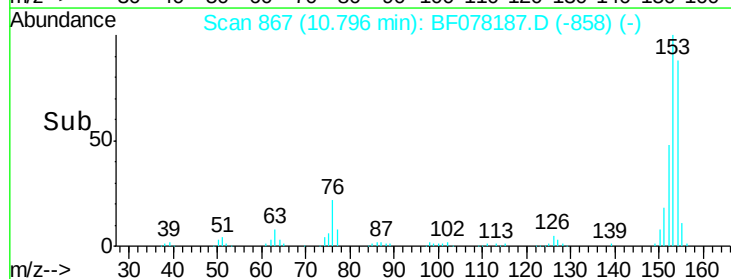
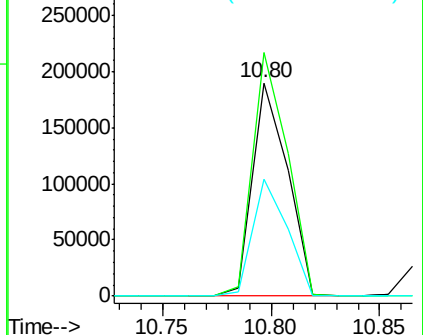


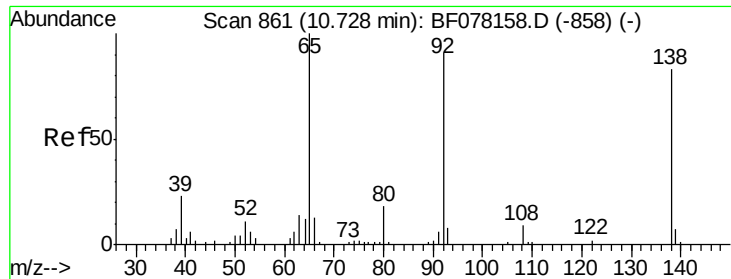
#51
 Acenaphthene
 Concen: 47.63 ng
 RT: 10.80 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:154 Resp: 212946
 Ion Ratio Lower Upper
 154 100
 153 114.1 91.4 137.2
 152 54.5 43.0 64.6



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

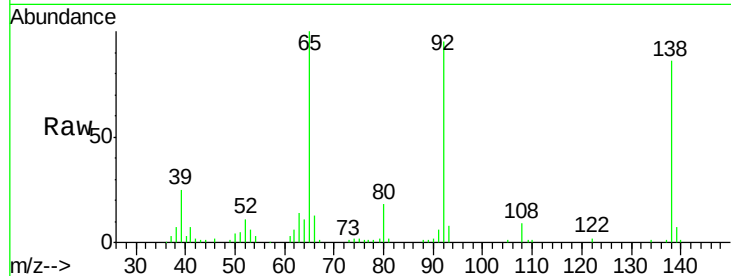




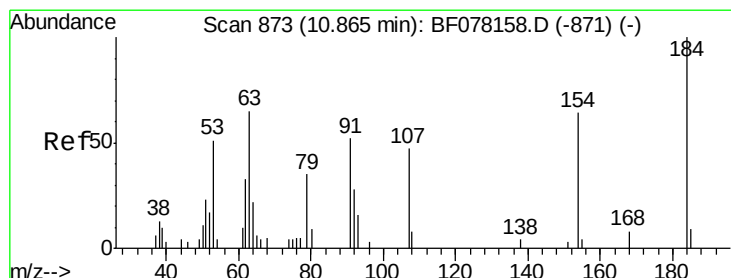
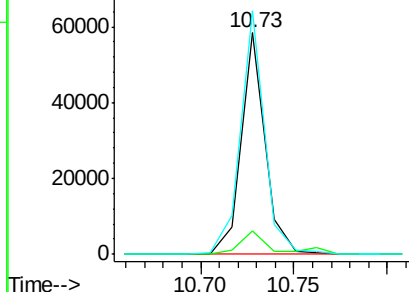
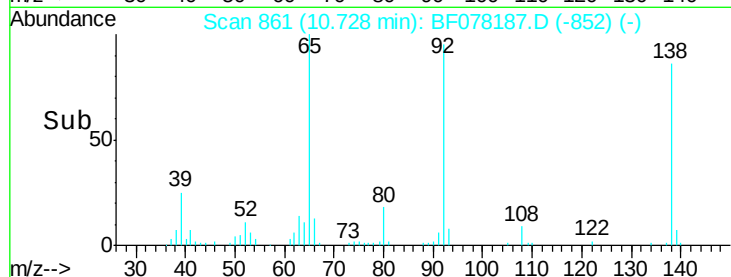
#52
 3-Nitroaniline
 Concen: 38.63 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion:138 Resp: 51872
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.2 12.4
 92 110.1 88.4 132.6

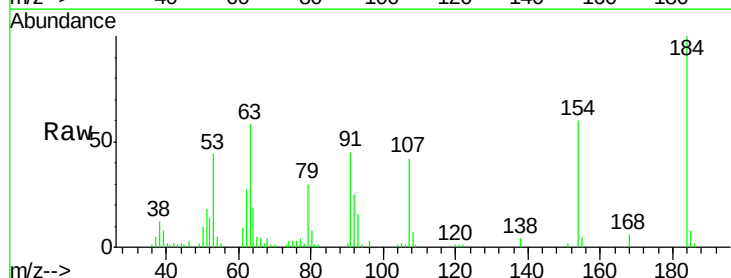


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

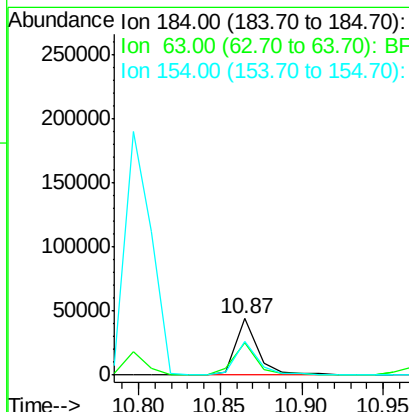
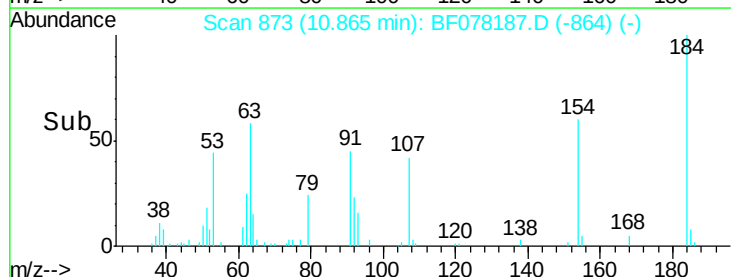


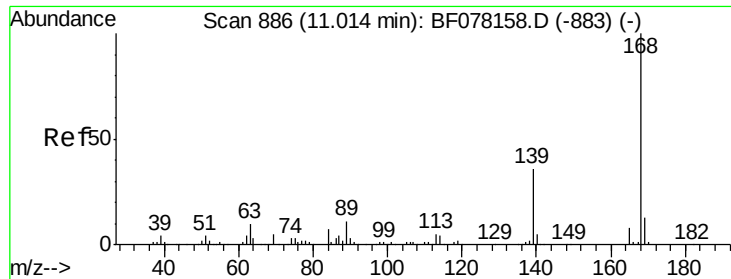
#53
 2,4-Dinitrophenol
 Concen: 87.78 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:184 Resp: 42254
 Ion Ratio Lower Upper
 184 100
 63 57.6 51.9 77.9
 154 60.4 51.0 76.4



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

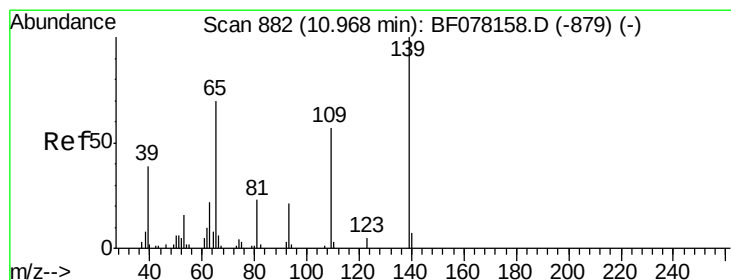
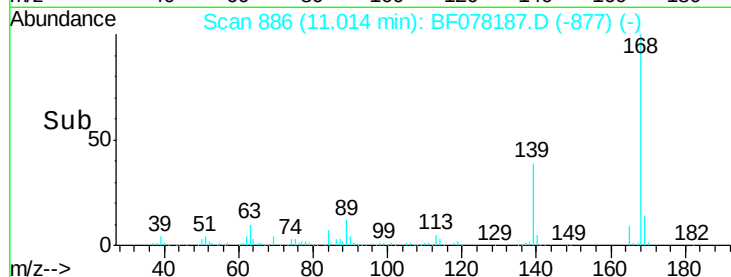
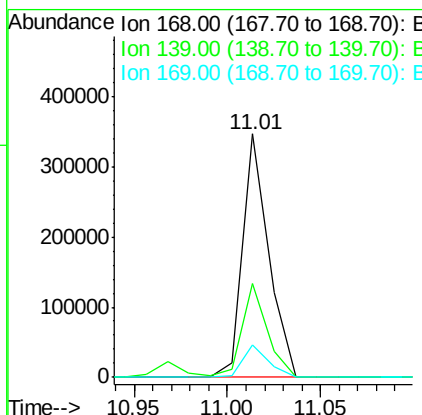
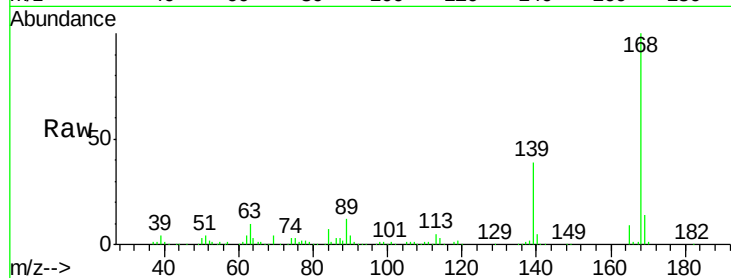




#54
Dibenzenofuran
Concen: 49.22 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

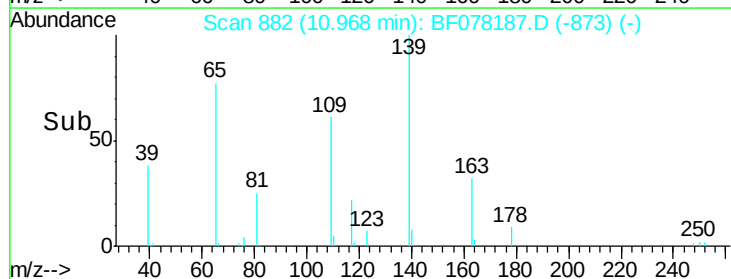
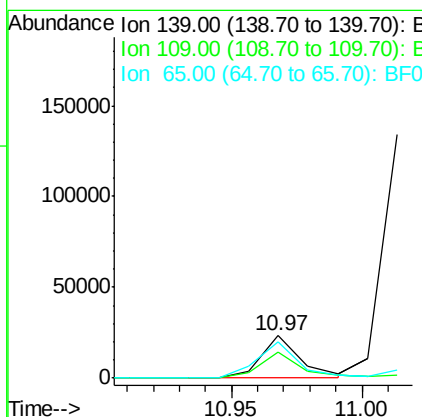
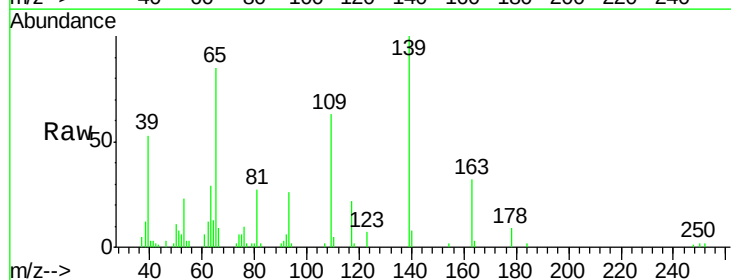
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

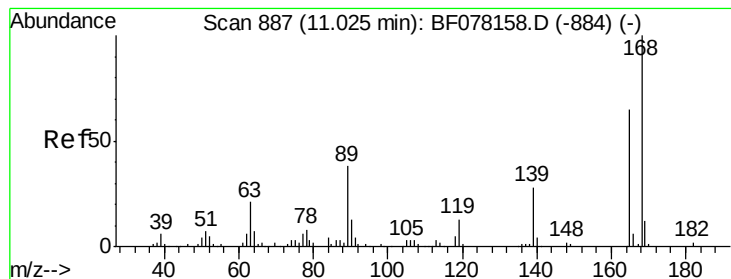
Tot Ion:168 Resp: 336106
Ion Ratio Lower Upper
168 100
139 38.6 31.0 46.4
169 13.5 10.7 16.1



#55
4-Nitrophenol
Concen: 26.77 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:139 Resp: 24588
Ion Ratio Lower Upper
139 100
109 63.3 36.7 76.7
65 85.3 49.9 89.9

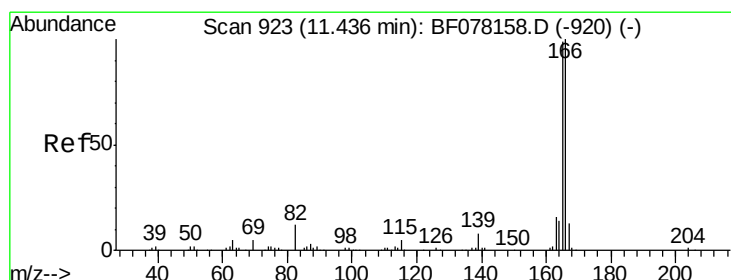
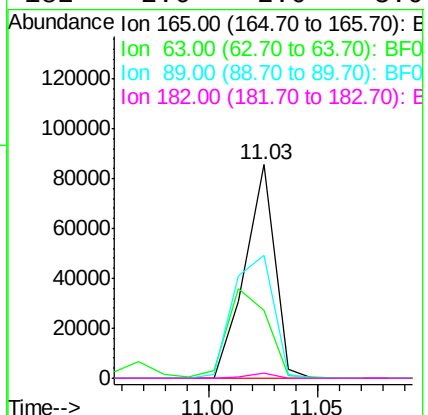
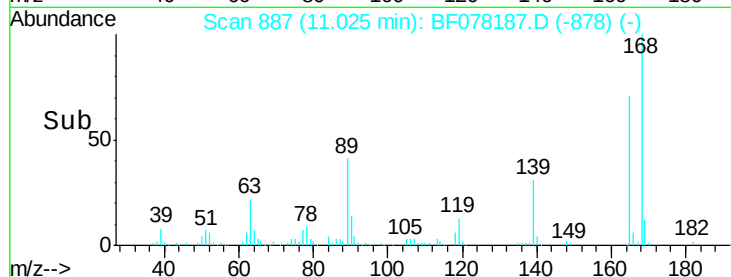
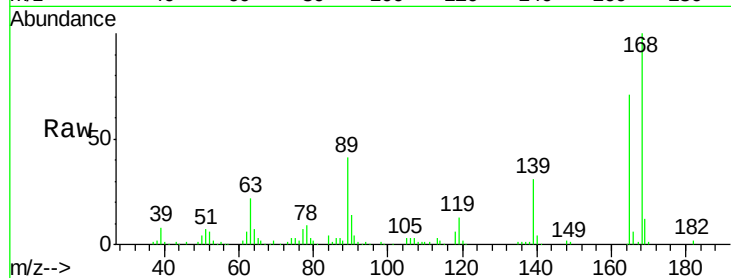




#56
 2,4-Dinitrotoluene
 Concen: 53.78 ng
 RT: 11.03 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

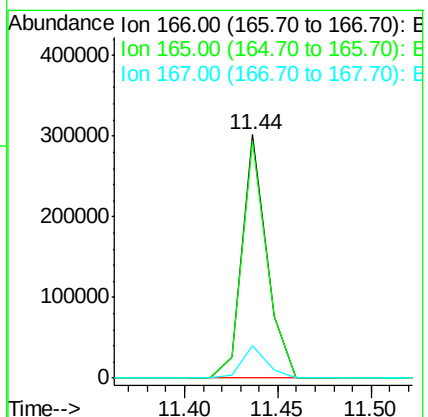
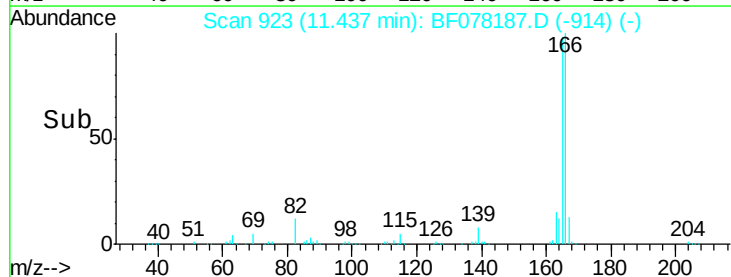
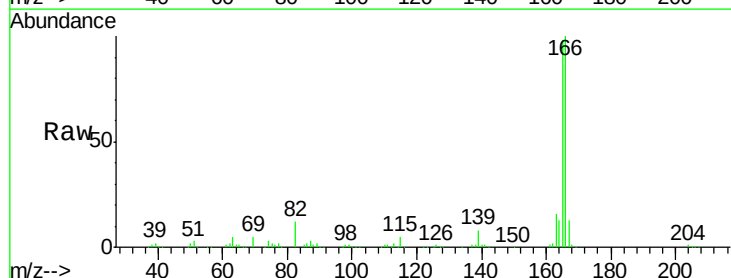
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

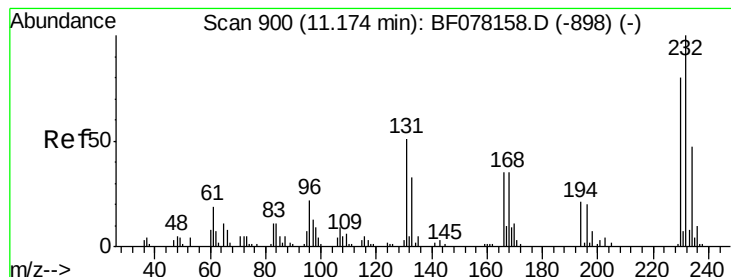
Tot Ion:165	Resp:	82264
Ion Ratio	Lower	Upper
165	100	
63	31.6	26.5 39.7
89	57.7	46.4 69.6
182	2.6	2.0 3.0



#57
 Fluorene
 Concen: 50.15 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:166	Resp:	277587
Ion Ratio	Lower	Upper
166	100	
165	97.5	78.9 118.3
167	13.4	10.7 16.1





#58

2,3,4,6-Tetrachlorophenol

Concen: 48.64 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:232 Resp: 56251

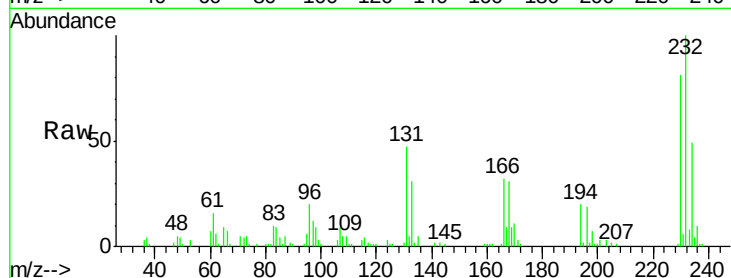
Ion Ratio Lower Upper

232 100

131 47.6 37.8 56.8

130 2.1 1.5 2.3

166 31.6 25.8 38.6

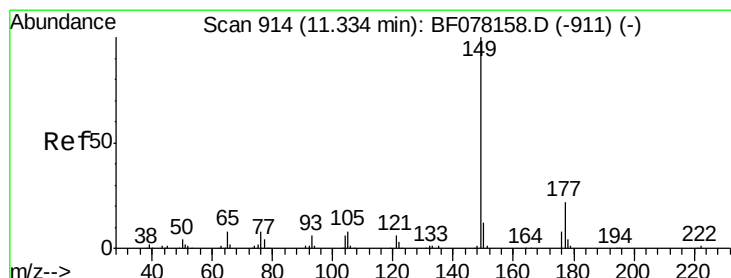
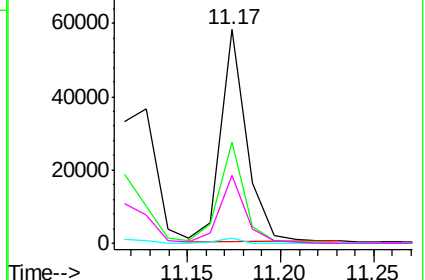
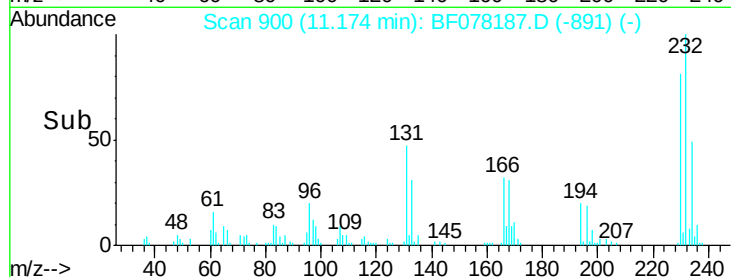


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 50.42 ng

RT: 11.33 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

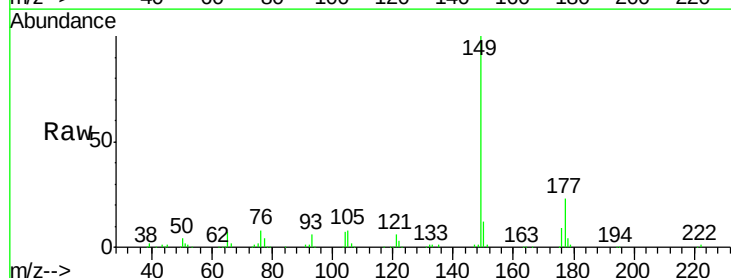
Tgt Ion:149 Resp: 279064

Ion Ratio Lower Upper

149 100

177 23.2 17.4 26.2

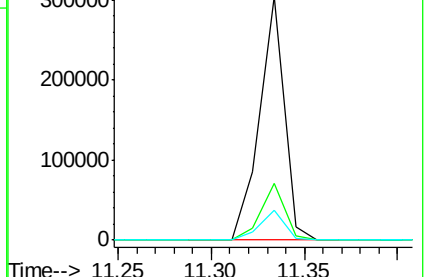
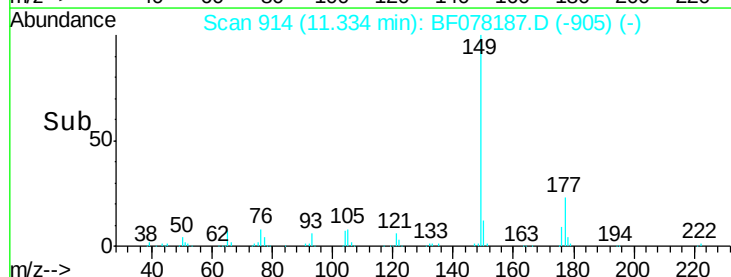
150 12.3 9.4 14.2

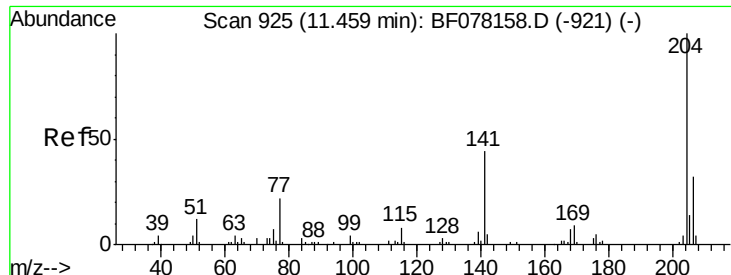


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

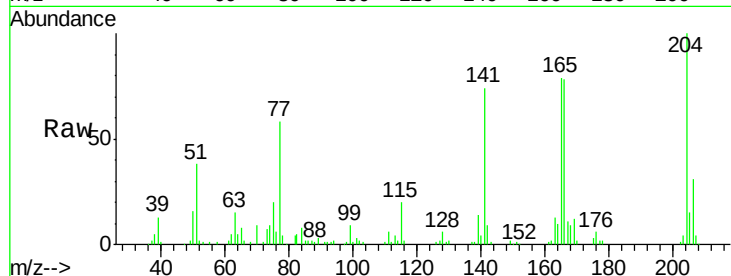




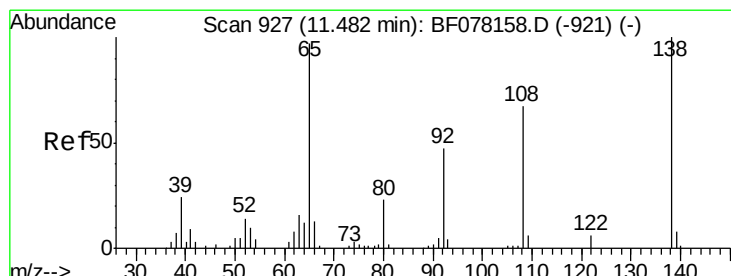
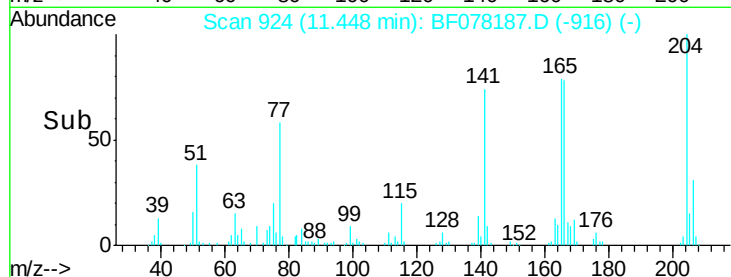
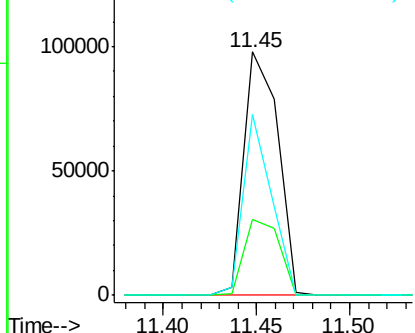
#60
4-Chlorophenyl-phenylether
Concen: 48.84 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion:204 Resp: 124354
Ion Ratio Lower Upper
204 100
206 31.3 25.6 38.4
141 74.4 35.4 53.0#

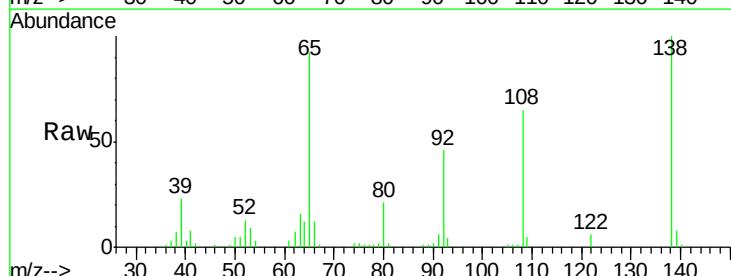


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

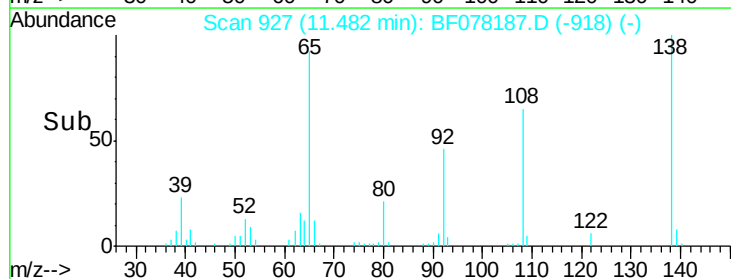
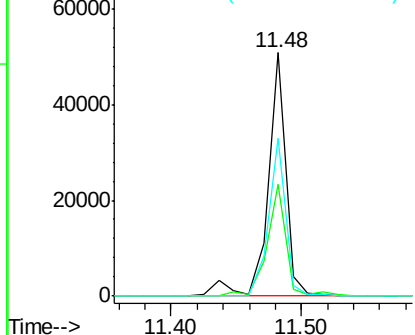


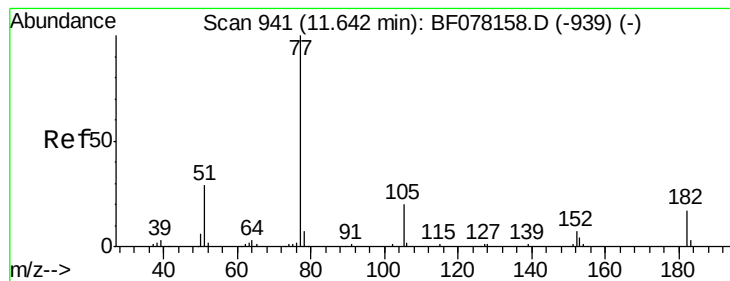
#61
4-Nitroaniline
Concen: 36.38 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:138 Resp: 49389
Ion Ratio Lower Upper
138 100
92 46.0 27.3 67.3
108 64.6 47.2 87.2



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





#62

Azobenzene

Concen: 52.00 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion: 77 Resp: 262702

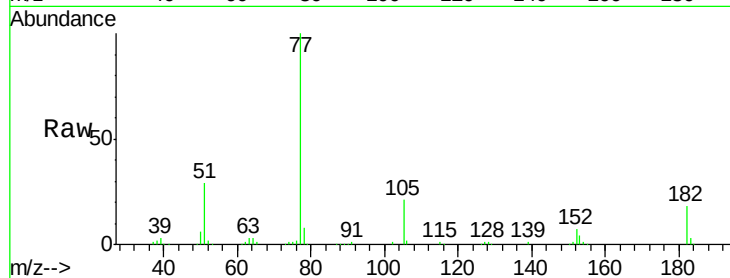
Ion Ratio Lower Upper

77 100

182 17.6 0.0 36.8

105 21.1 0.3 40.3

51 29.5 9.1 49.1

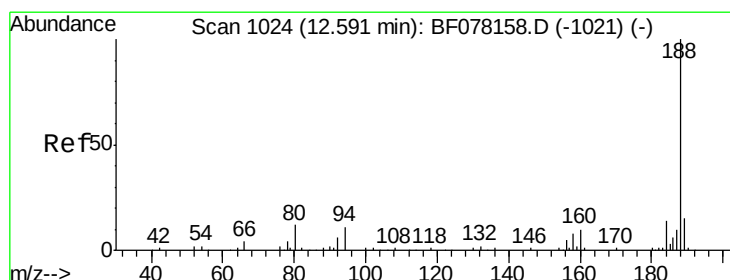
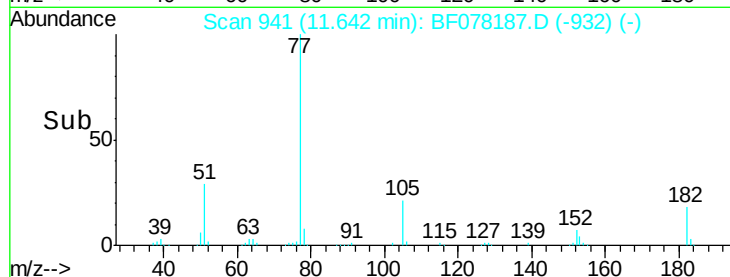
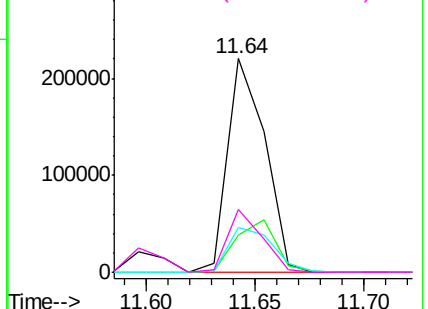


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

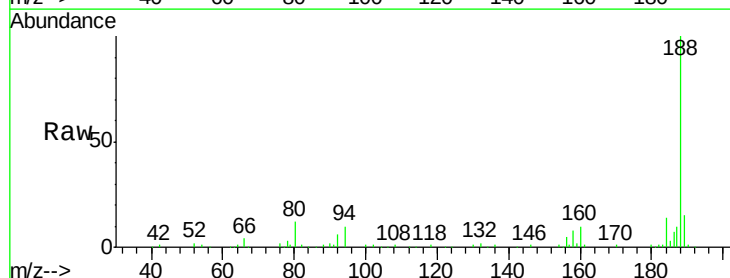
Tgt Ion: 188 Resp: 144020

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.4

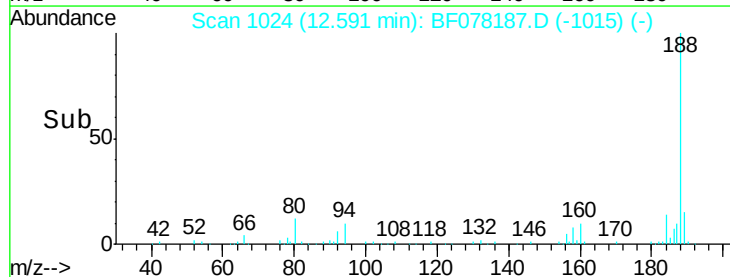
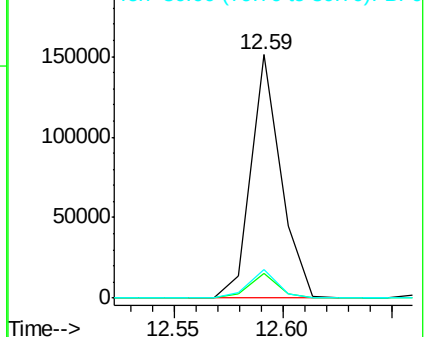
80 12.0 9.5 14.3

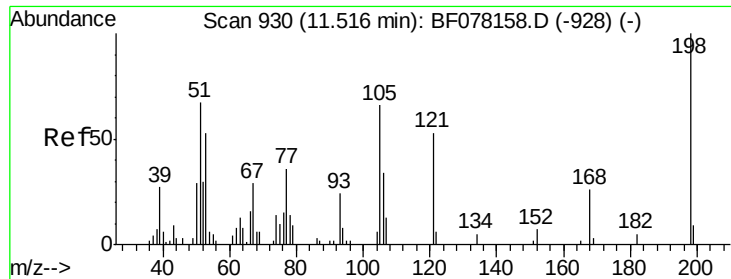


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

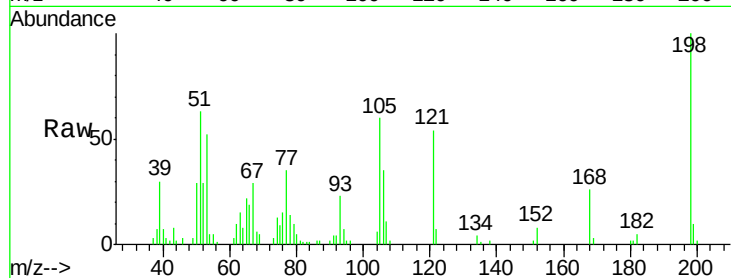




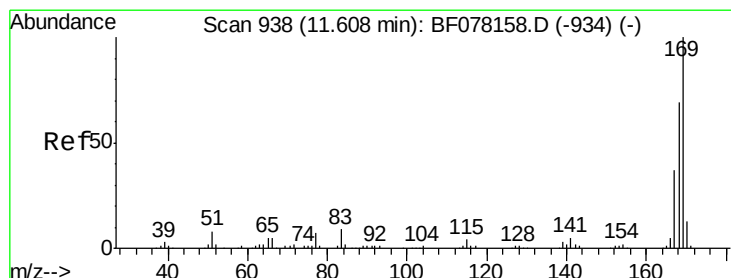
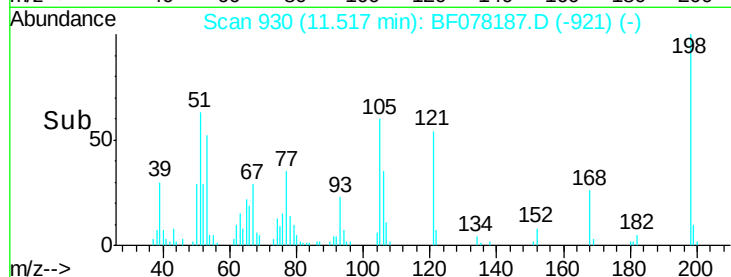
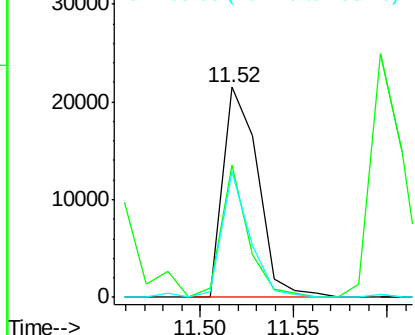
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.87 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion:198 Resp: 28109
 Ion Ratio Lower Upper
 198 100
 51 63.3 48.6 88.6
 105 60.1 45.8 85.8

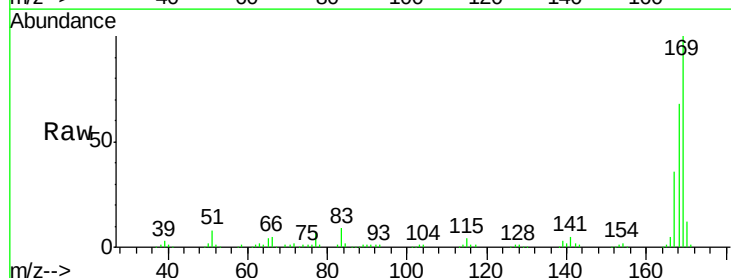


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

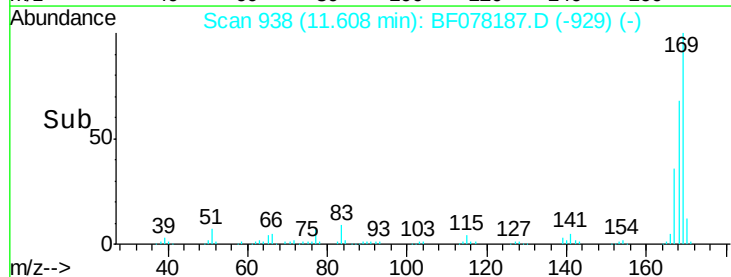
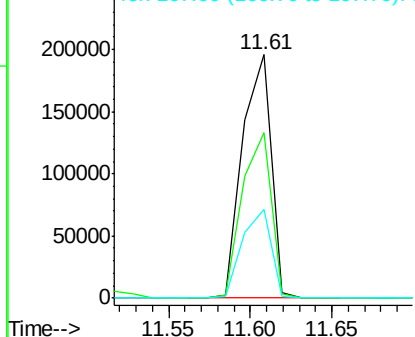


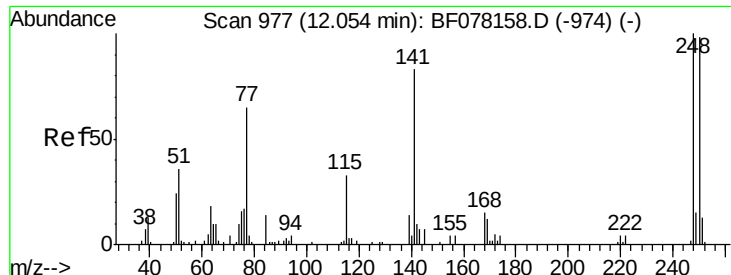
#65
 n-Nitrosodiphenylamine
 Concen: 47.77 ng
 RT: 11.61 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:169 Resp: 237963
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.0 82.4
 167 36.3 29.3 43.9



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

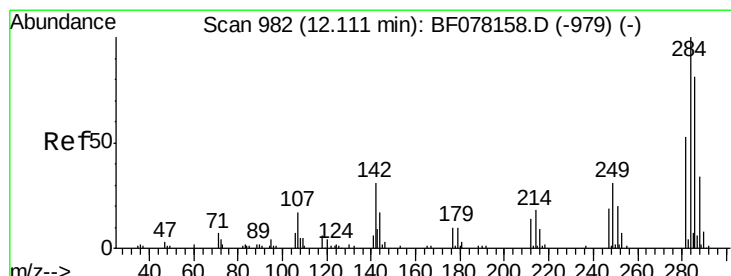
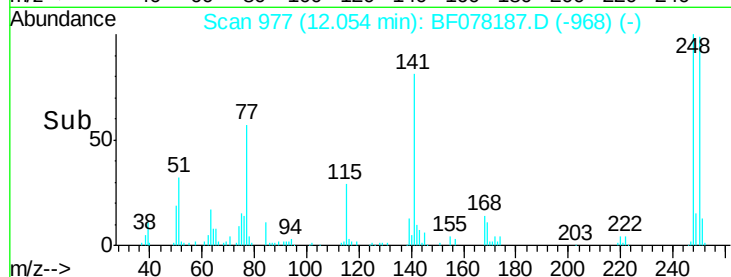
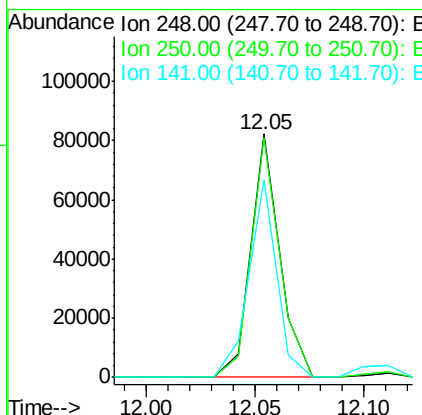
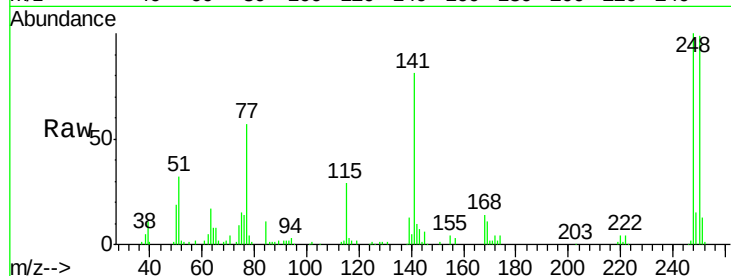




#66
4-Bromophenyl-phenylether
Concen: 49.64 ng
RT: 12.05 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

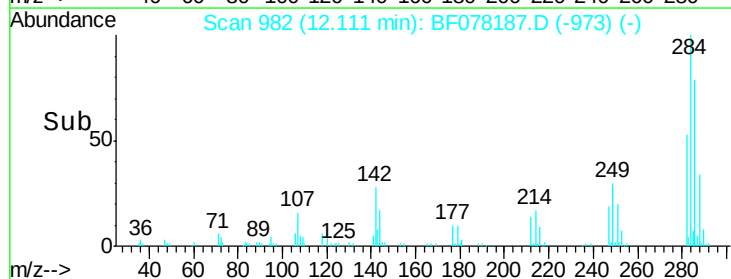
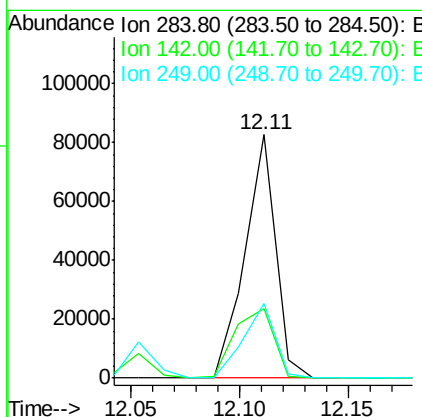
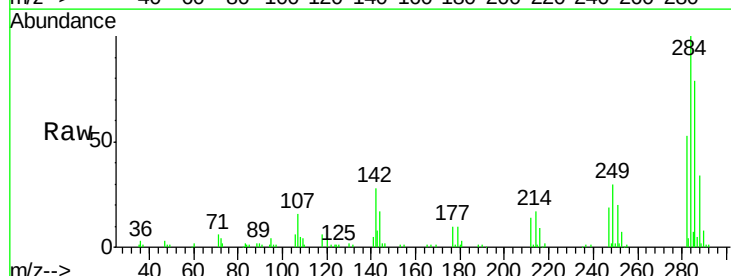
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

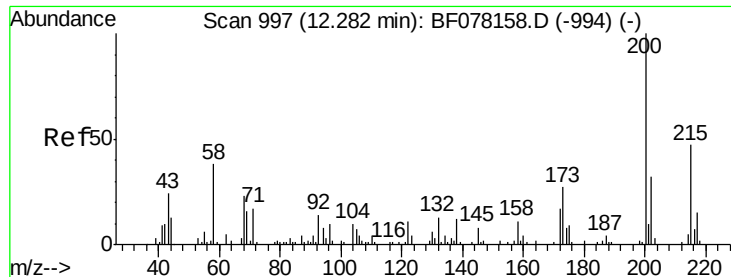
Tot Ion:248 Resp: 75716
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.2
141 81.1 66.4 99.6



#67
Hexachlorobenzene
Concen: 48.34 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:284 Resp: 80797
Ion Ratio Lower Upper
284 100
142 28.4 24.5 36.7
249 30.5 24.8 37.2





#68

Atrazine

Concen: 52.32 ng

RT: 12.28 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

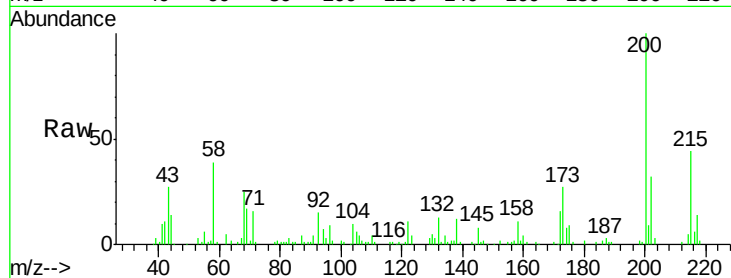
Tot Ion:200 Resp: 75488

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

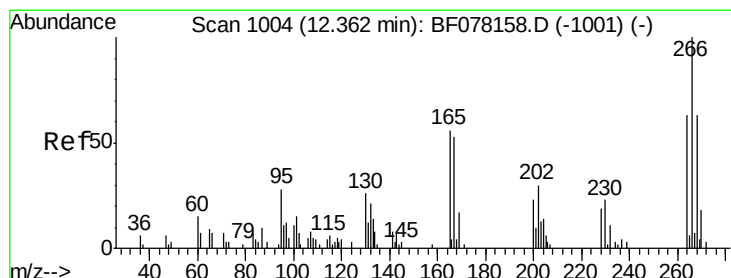
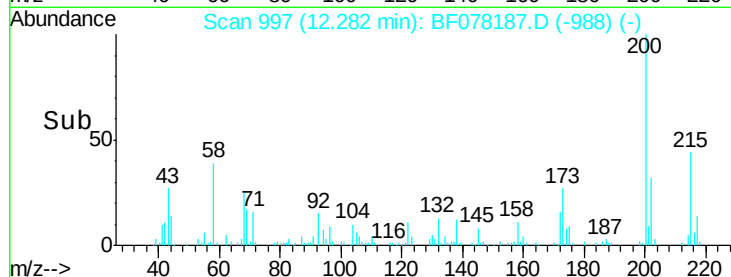
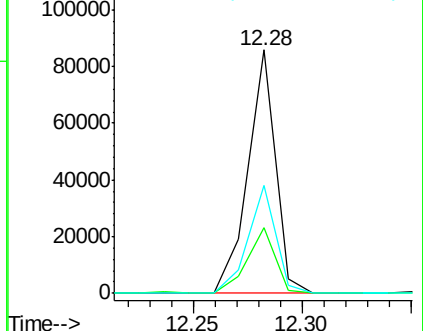
215 44.2 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 83.26 ng

RT: 12.36 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

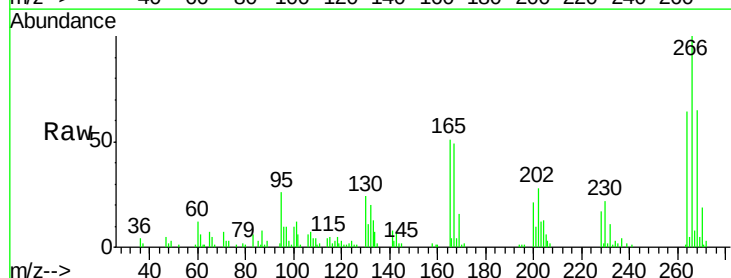
Tgt Ion:266 Resp: 61972

Ion Ratio Lower Upper

266 100

268 64.9 50.1 75.1

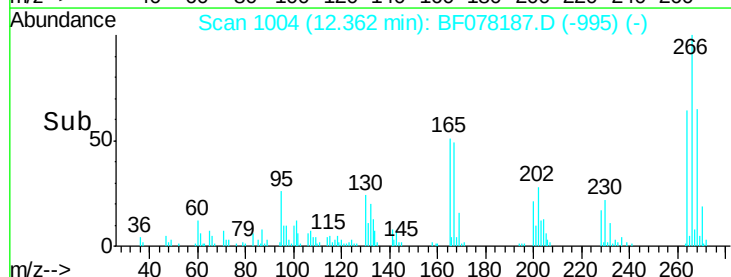
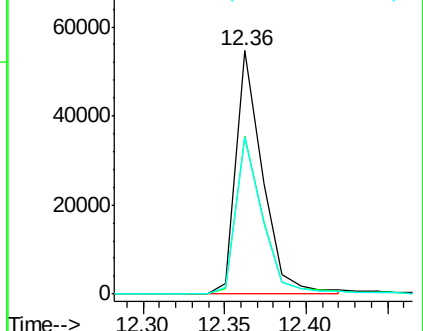
264 64.5 50.0 75.0

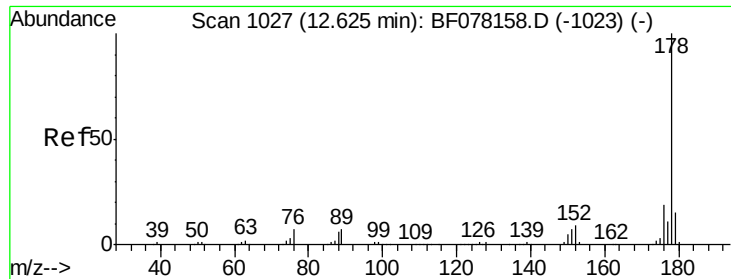


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

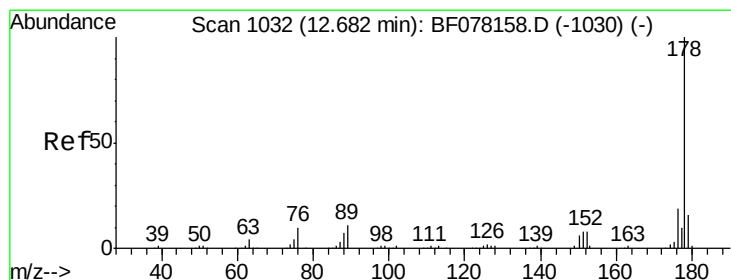
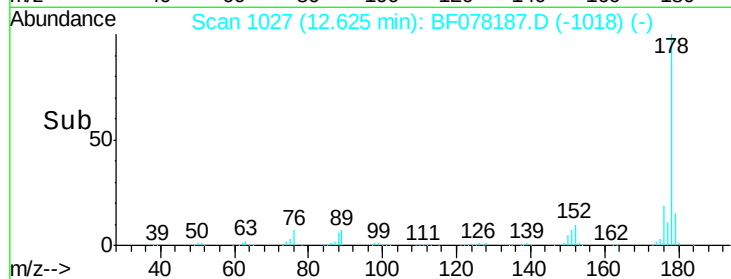
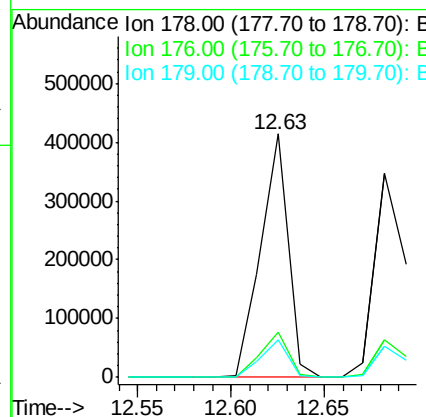
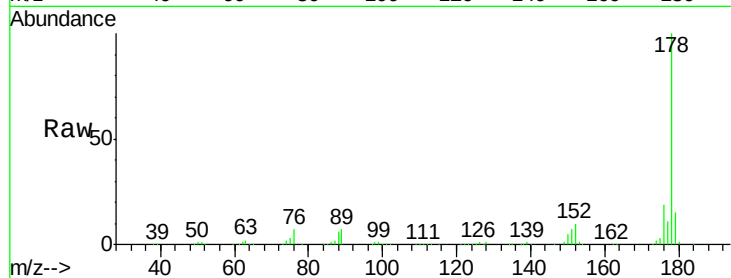




#70
Phenanthrene
Concen: 50.59 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

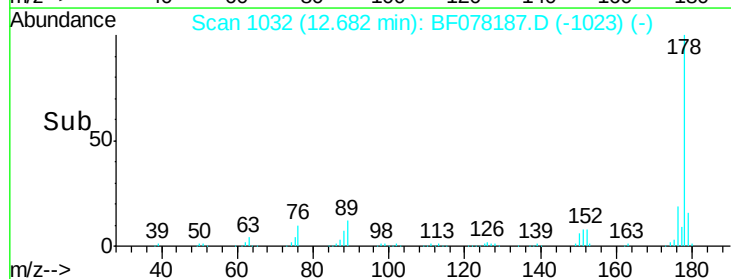
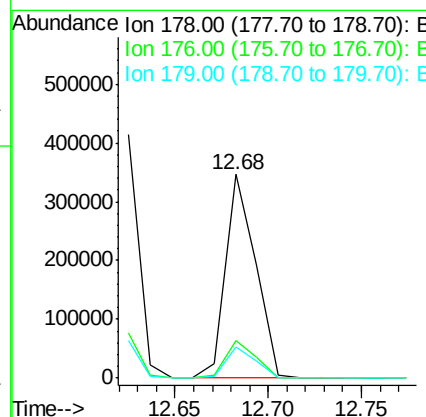
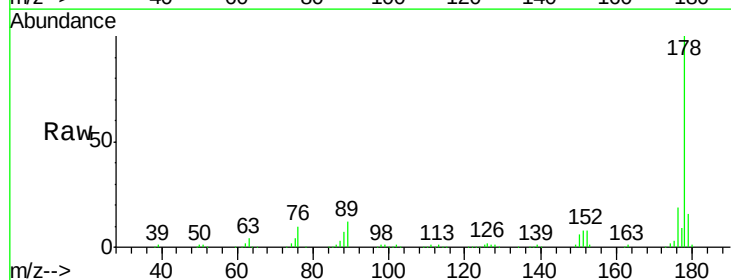
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

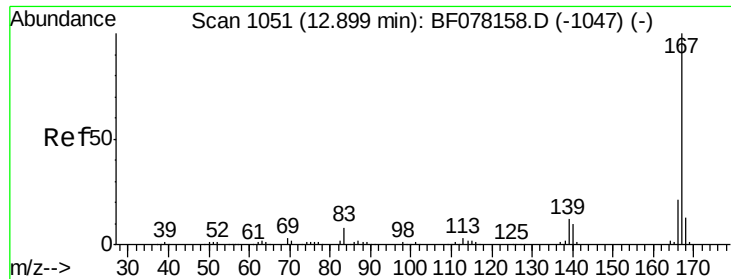
Tot Ion:178 Resp: 421489
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.2 12.2 18.2



#71
Anthracene
Concen: 47.41 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:178 Resp: 389166
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.4 18.6

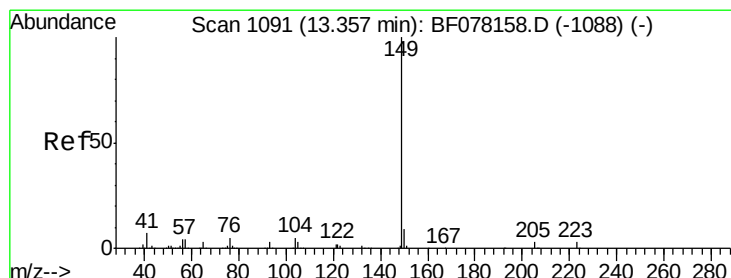
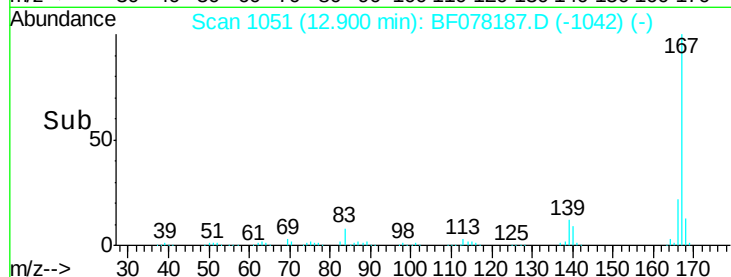
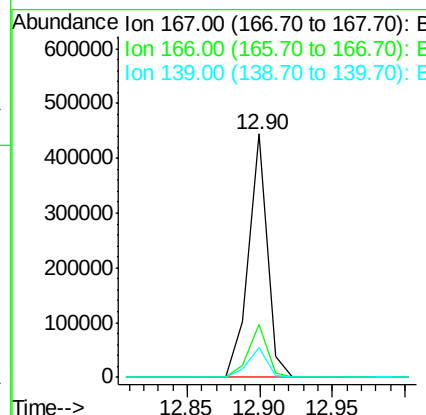
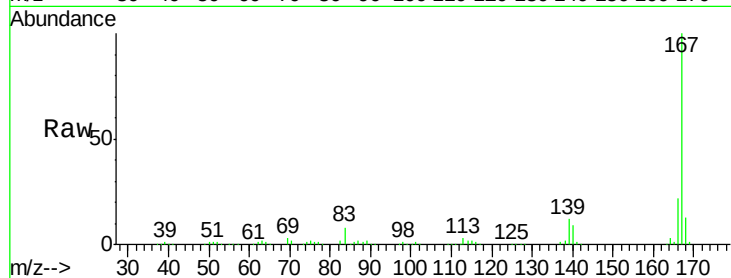




#72
 Carbazole
 Concen: 52.44 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

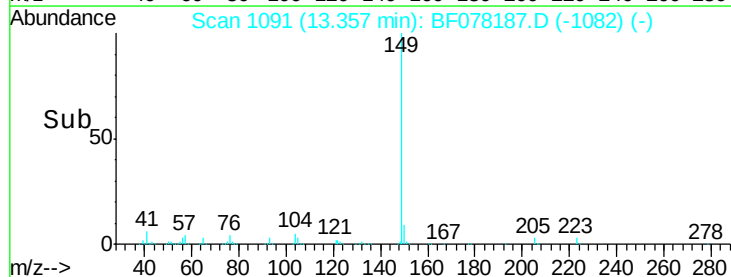
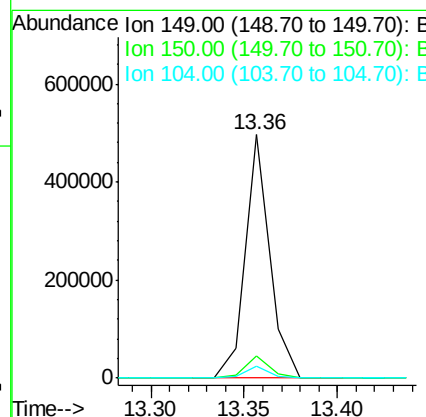
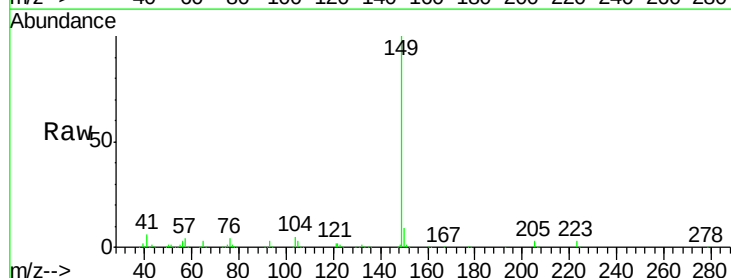
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

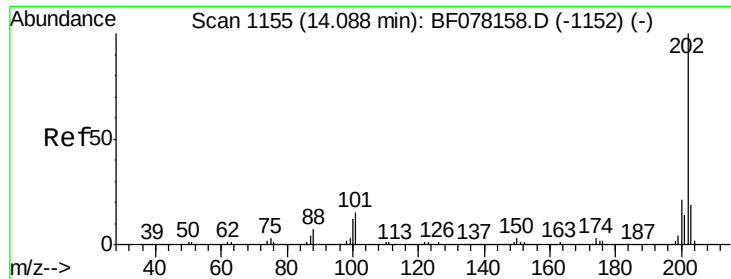
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.8	25.2
139	12.3	10.0	15.0



#73
 Di-n-butylphthalate
 Concen: 51.73 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	4.7	3.8	5.6

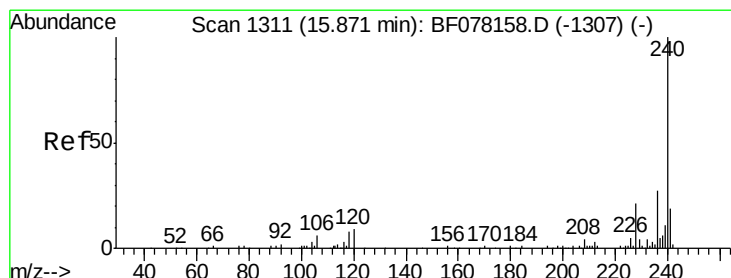
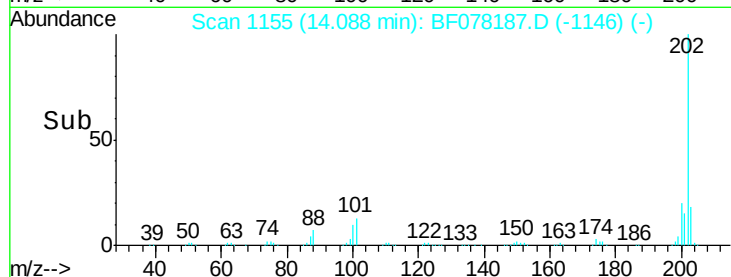
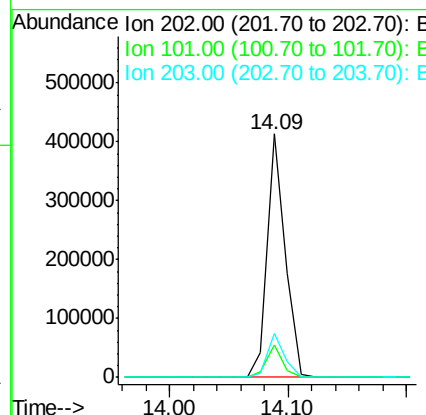
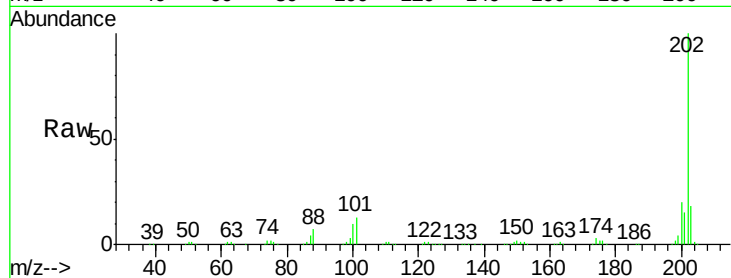




#74
 Fluoranthene
 Concen: 49.97 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

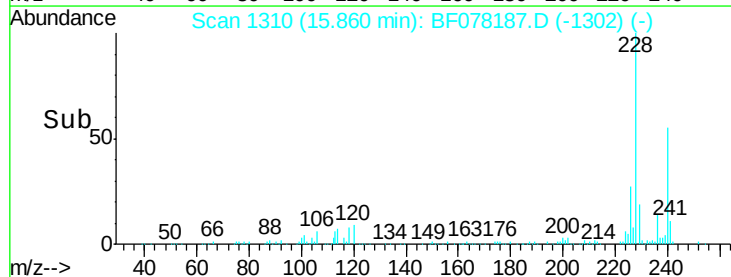
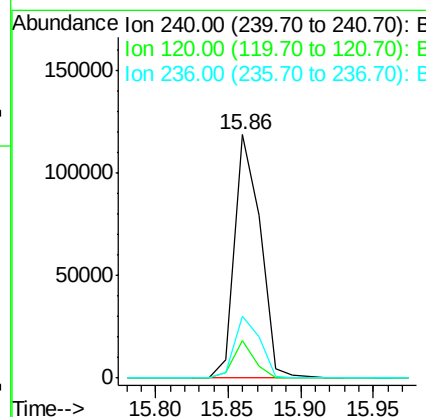
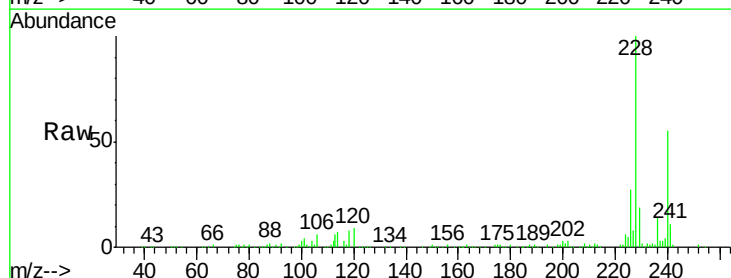
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

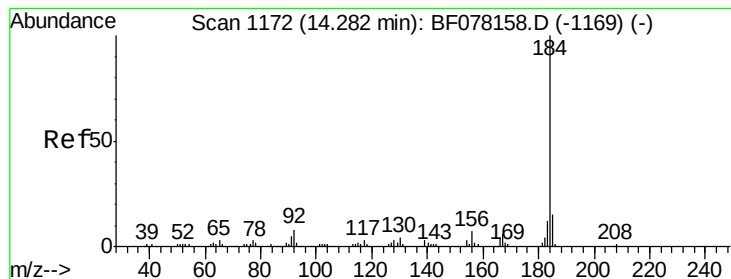
Tot Ion:202 Resp: 439003
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 35.2
 203 17.8 0.0 38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion:240 Resp: 146488
 Ion Ratio Lower Upper
 240 100
 120 15.4 7.1 10.7#
 236 25.5 21.4 32.2





#76

Benzidine

Concen: 40.15 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

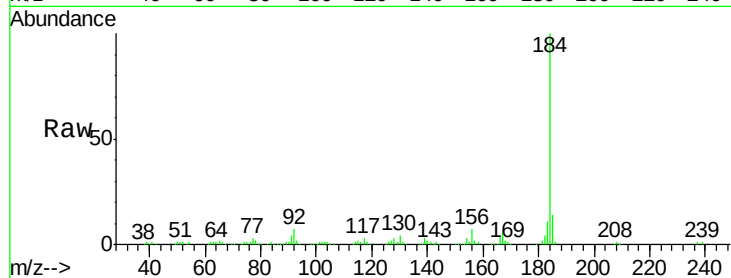
Tot Ion:184 Resp: 226514

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

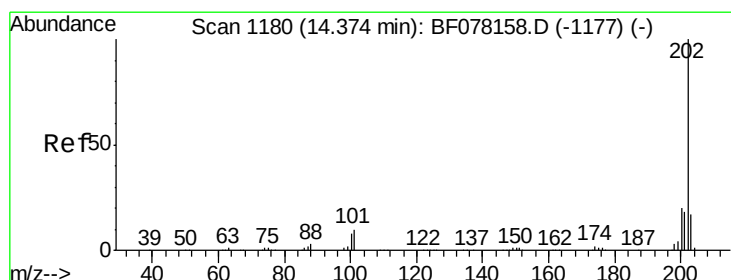
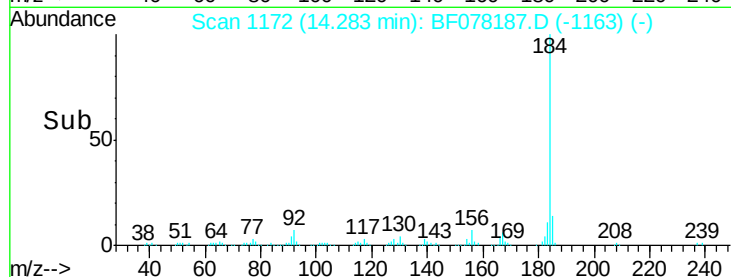
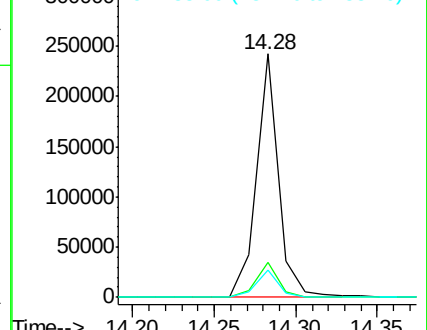
183 11.1 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 50.38 ng

RT: 14.37 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

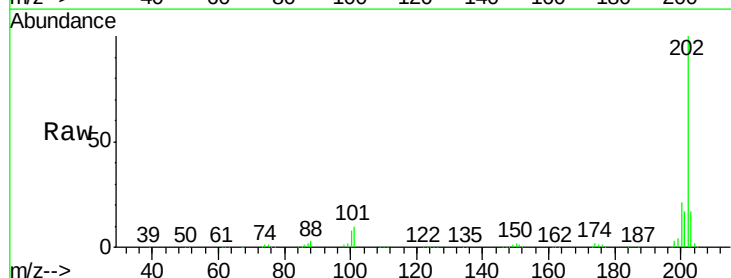
Tgt Ion:202 Resp: 463330

Ion Ratio Lower Upper

202 100

200 20.9 16.3 24.5

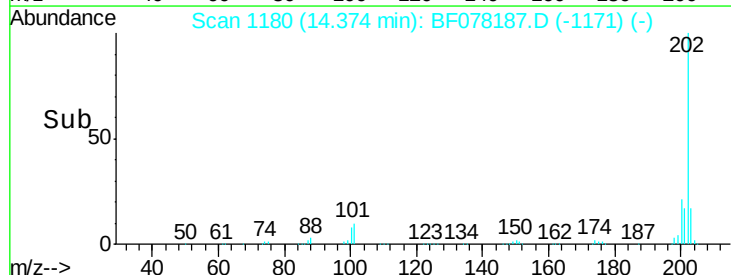
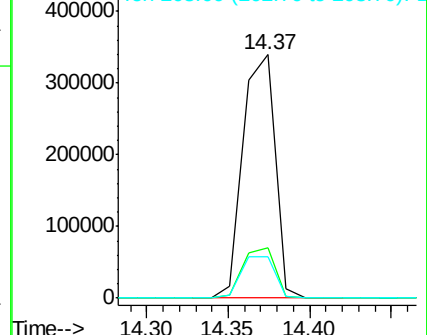
203 17.1 13.8 20.6

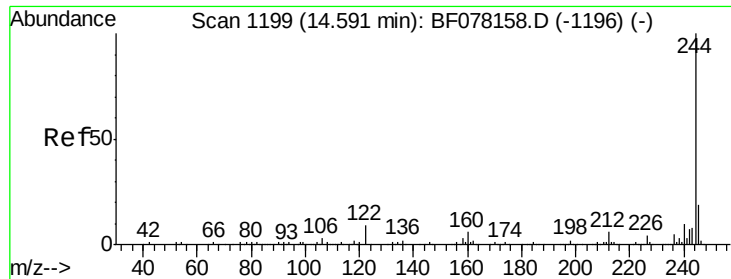


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.18 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

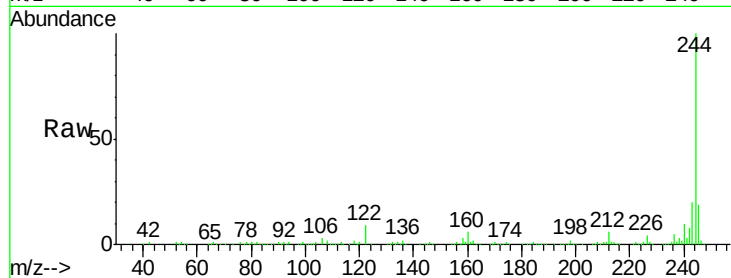
Tot Ion:244 Resp: 591120

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

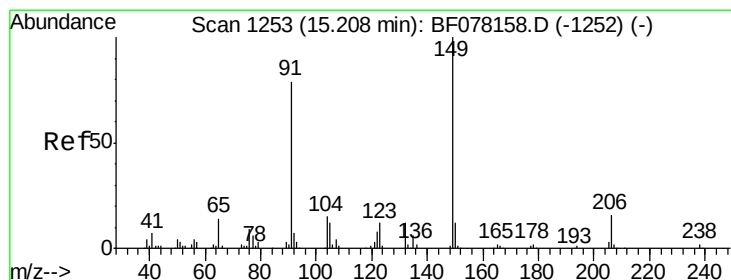
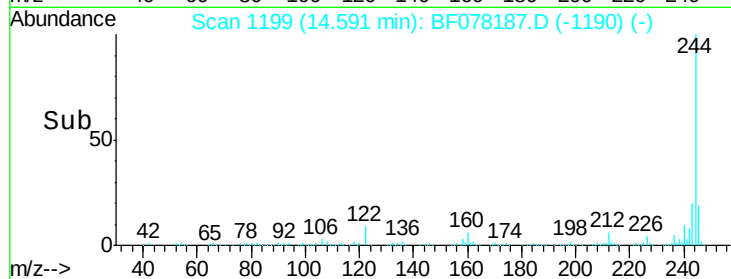
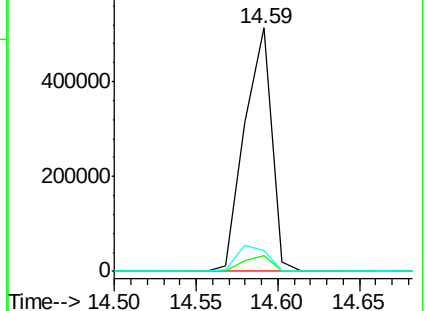
122 8.6 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 56.25 ng

RT: 15.21 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

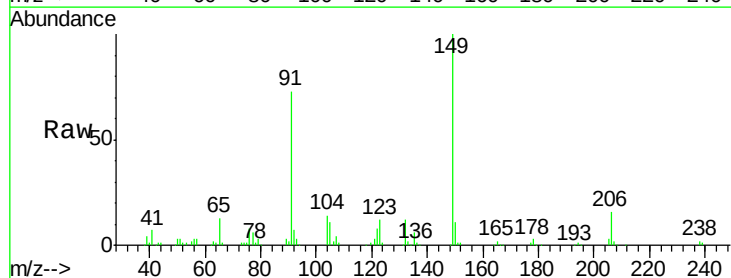
Tgt Ion:149 Resp: 197151

Ion Ratio Lower Upper

149 100

91 73.3 64.2 96.2

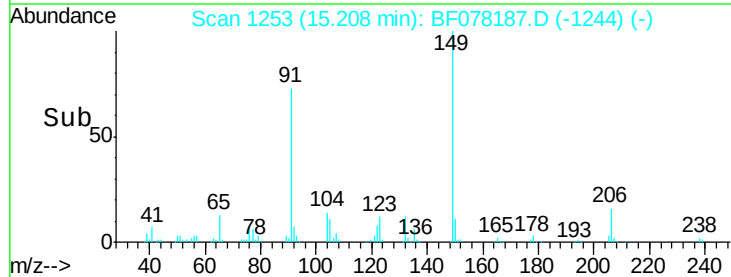
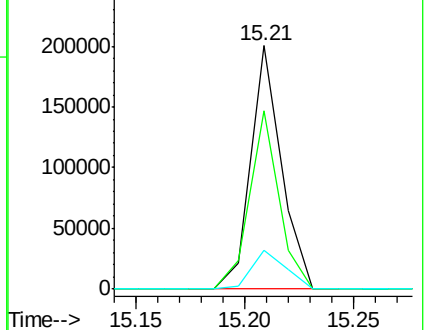
206 16.2 12.6 18.8

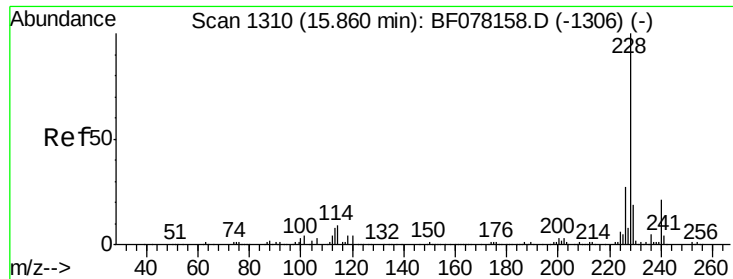


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

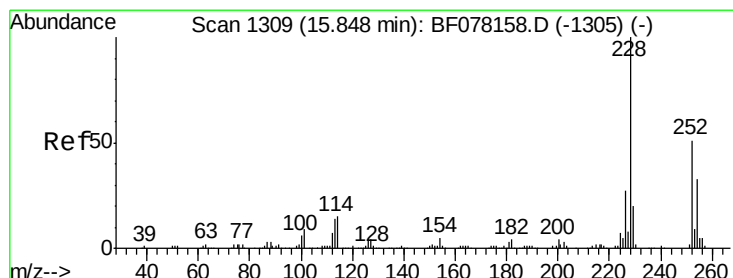
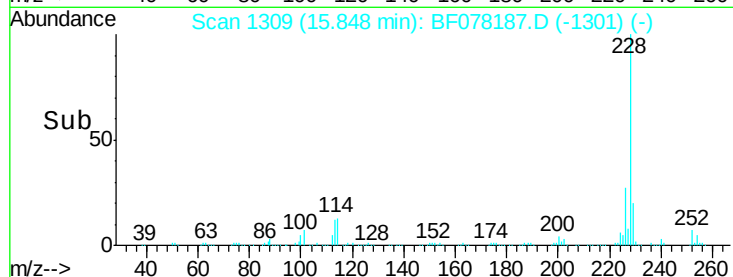
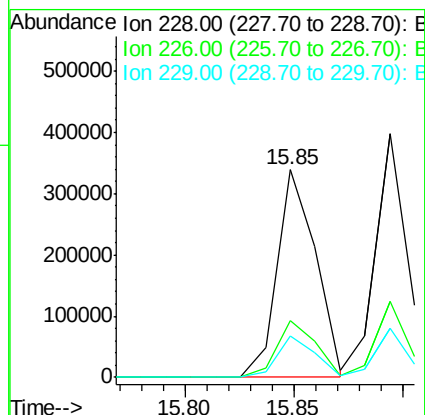
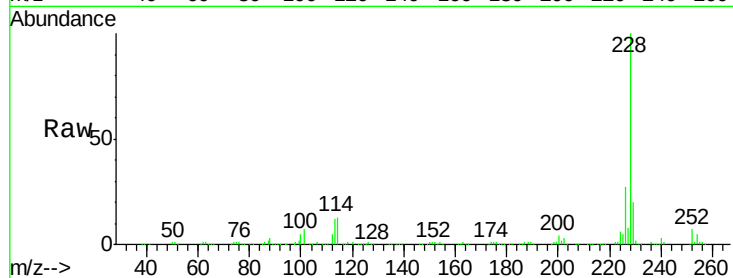




#80
Benzo(a)anthracene
Concen: 48.29 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

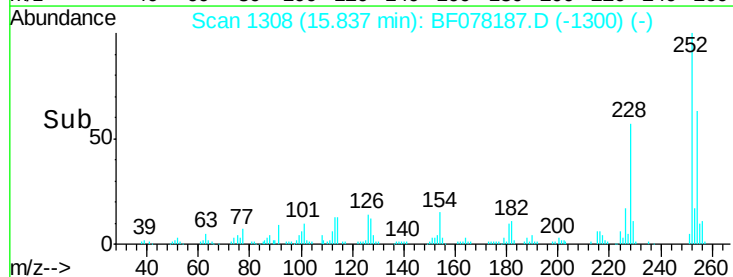
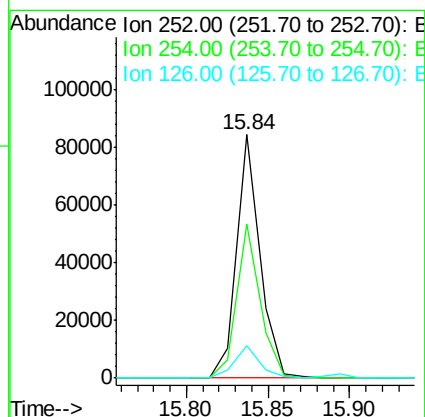
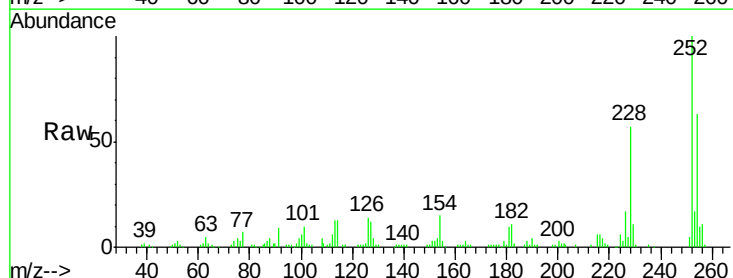
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

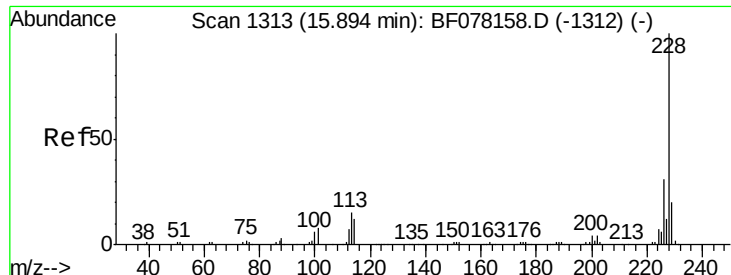
Tot Ion:228 Resp: 420888
Ion Ratio Lower Upper
228 100
226 27.3 21.3 31.9
229 19.9 15.4 23.2



#81
3,3'-Dichlorobenzidine
Concen: 28.41 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:252 Resp: 82939
Ion Ratio Lower Upper
252 100
254 63.4 51.2 76.8
126 13.6 6.3 9.5#





#82

Chrysene

Concen: 49.02 ng

RT: 15.89 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

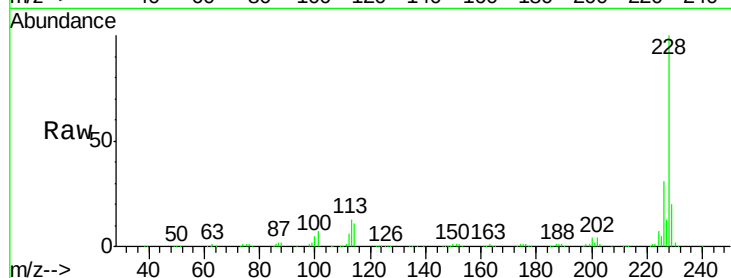
Tot Ion:228 Resp: 401407

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

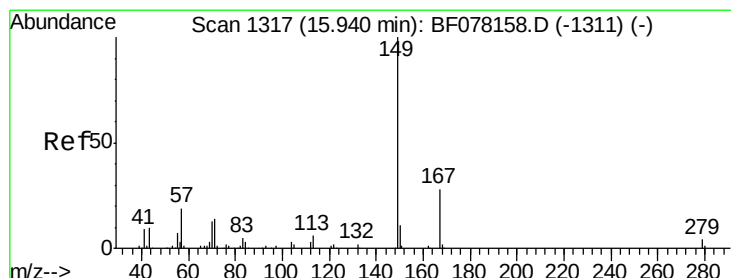
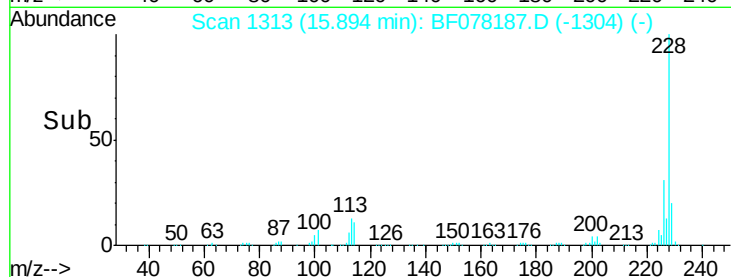
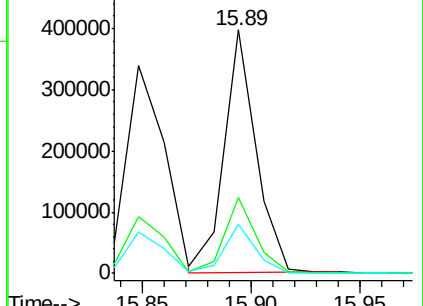
229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.34 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

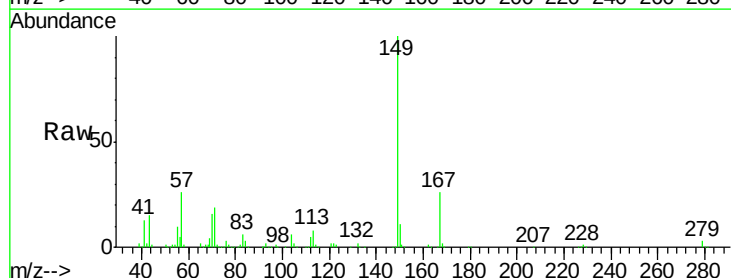
Tgt Ion:149 Resp: 293240

Ion Ratio Lower Upper

149 100

167 25.6 22.2 33.2

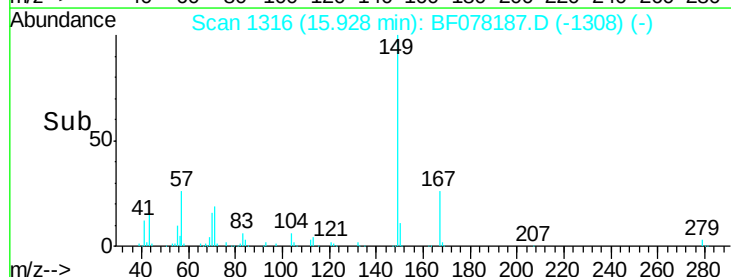
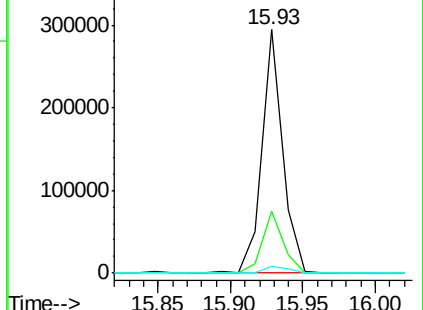
279 2.6 3.2 4.8#

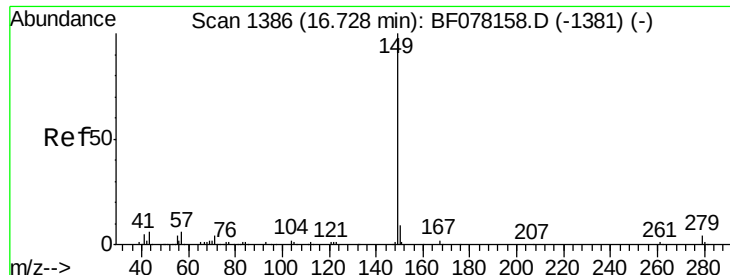


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

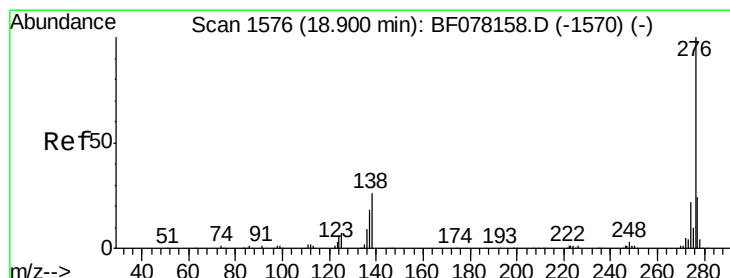
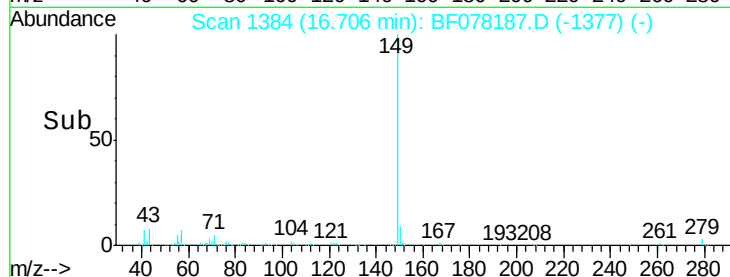
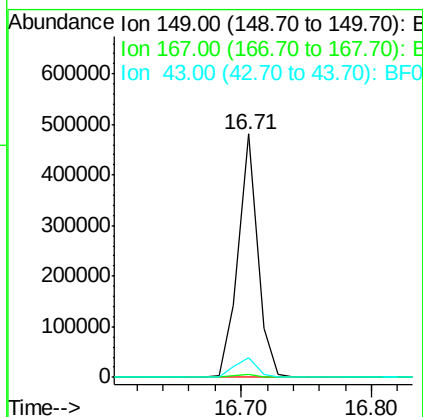
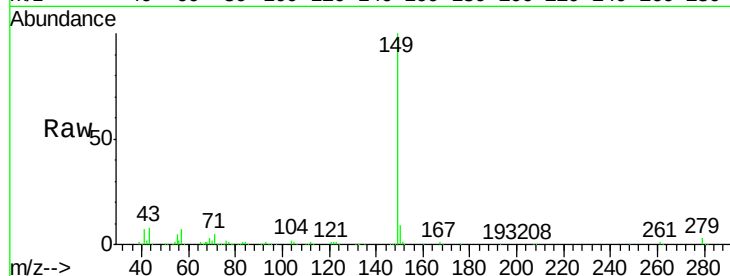




#84
Di-n-octyl phthalate
Concen: 55.66 ng
RT: 16.71 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

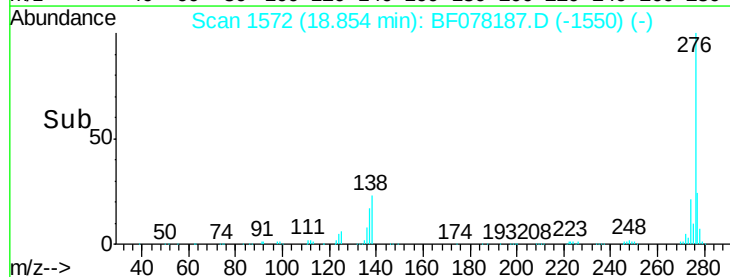
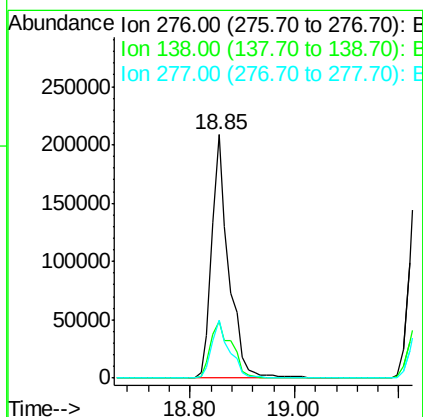
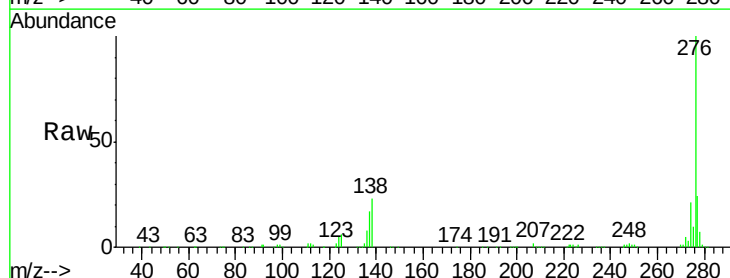
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

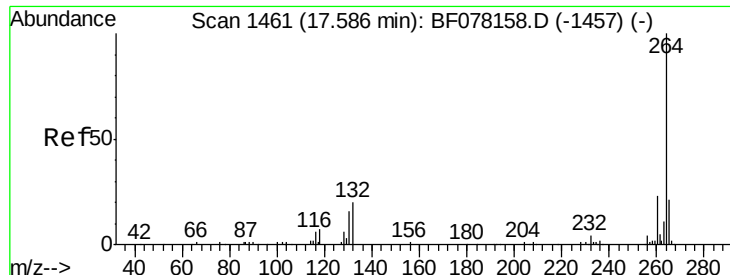
Tot Ion:149 Resp: 502392
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 9.2 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 50.90 ng
RT: 18.85 min Scan# 1572
Delta R.T. -0.05 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:276 Resp: 472937
Ion Ratio Lower Upper
276 100
138 29.2 16.9 25.3#
277 24.9 15.8 23.6#

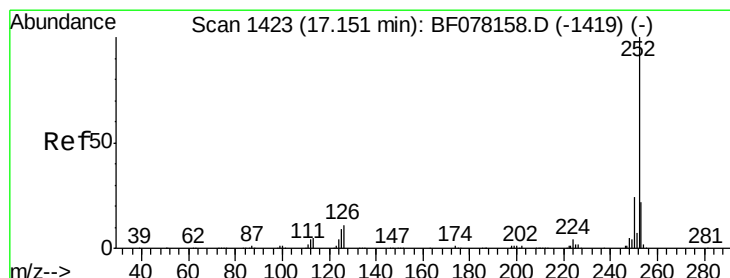
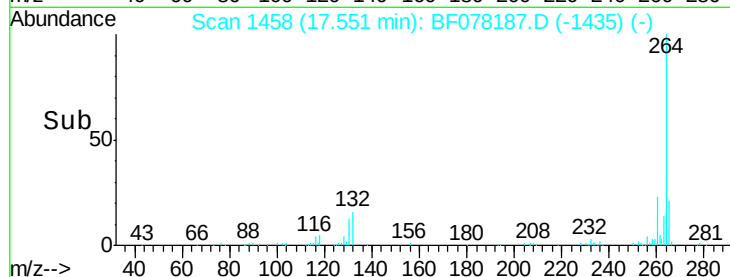
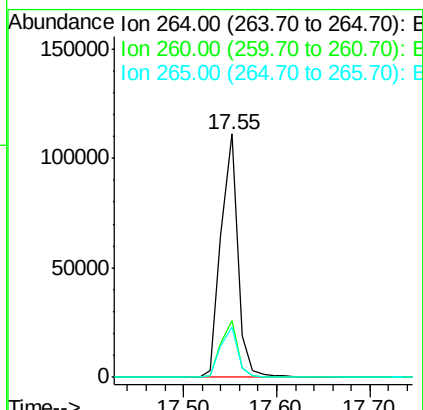
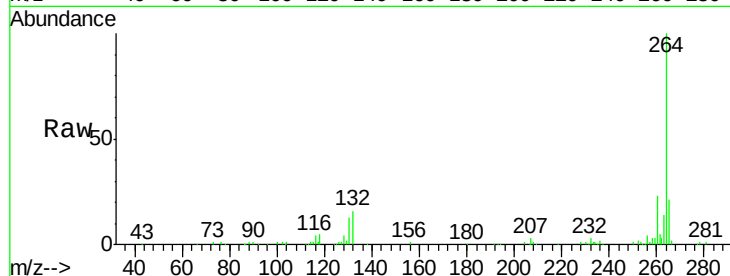




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.03 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

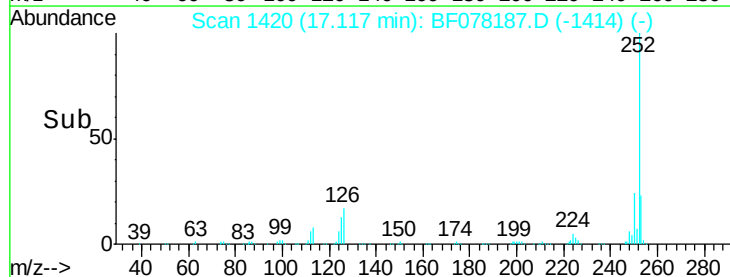
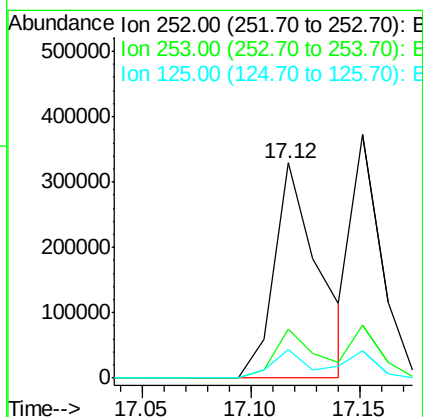
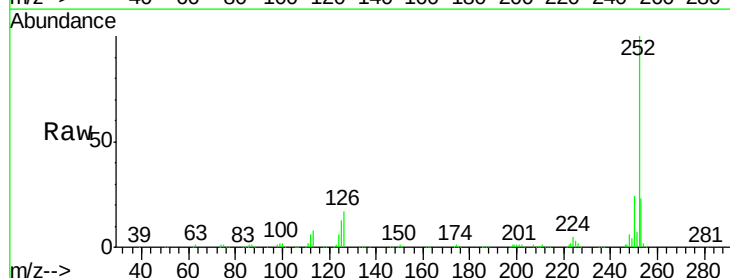
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

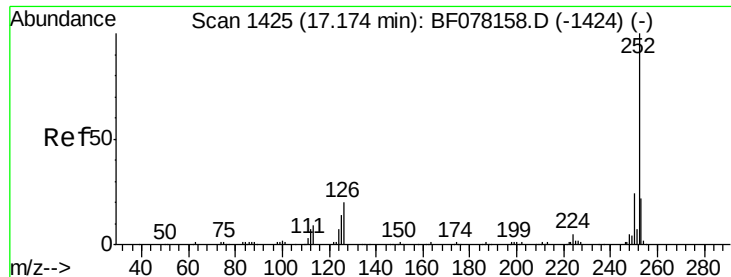
Tot Ion:264 Resp: 141150
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 20.8 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 53.97 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:252 Resp: 470823
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 13.1 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 60.73 ng

RT: 17.12 min Scan# 1420

Delta R.T. -0.06 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

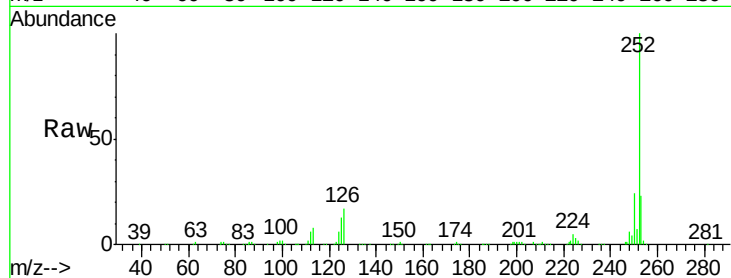
Tot Ion:252 Resp: 470823

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

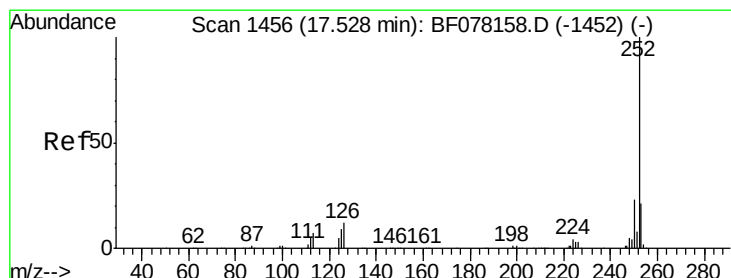
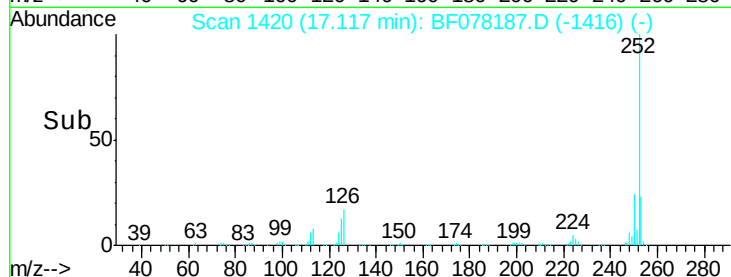
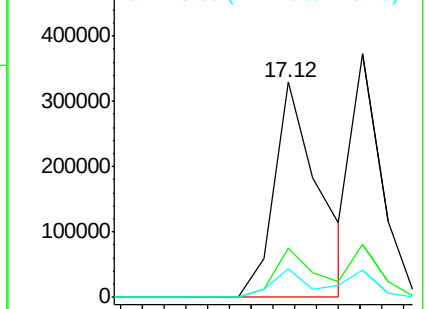
125 13.1 11.6 17.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 52.71 ng

RT: 17.49 min Scan# 1453

Delta R.T. -0.03 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

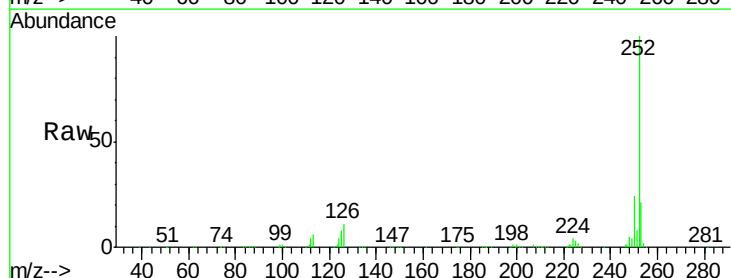
Tgt Ion:252 Resp: 401326

Ion Ratio Lower Upper

252 100

253 21.4 16.8 25.2

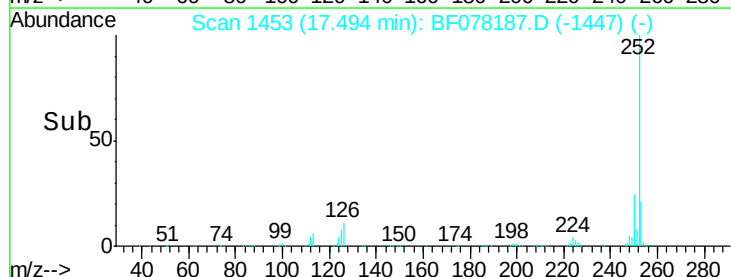
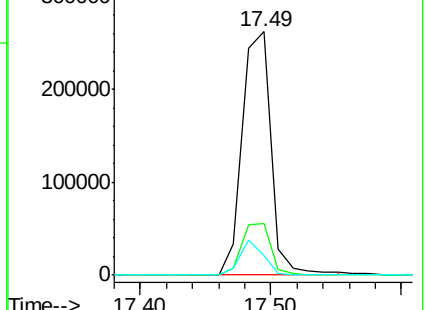
125 8.2 7.4 11.0

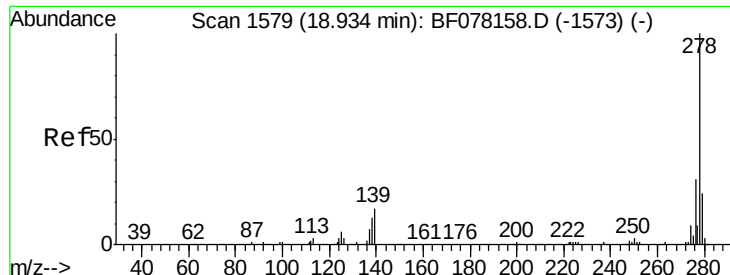


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 51.39 ng

RT: 18.89 min Scan# 1575

Delta R.T. -0.05 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

DCW-WW-109-33015MSD

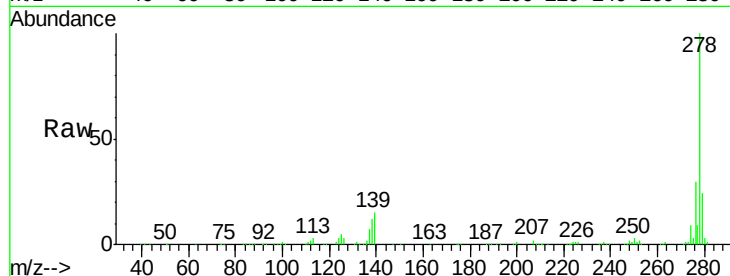
Tot Ion:278 Resp: 391703

Ion Ratio Lower Upper

278 100

139 14.6 13.6 20.4

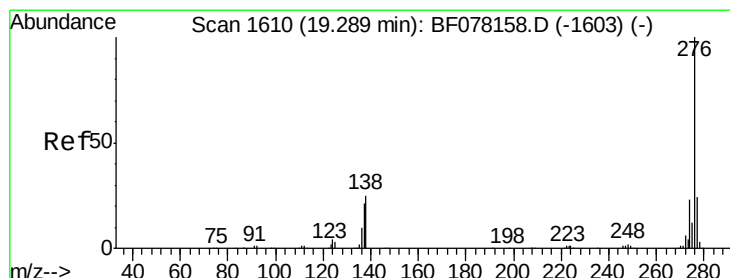
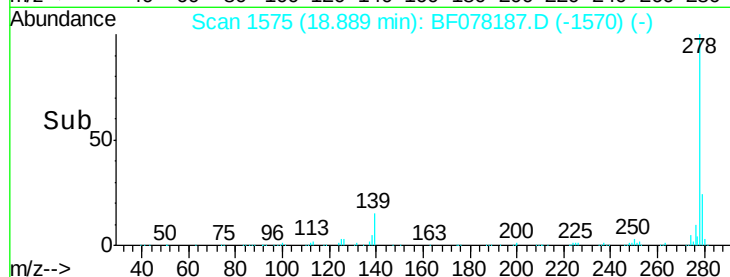
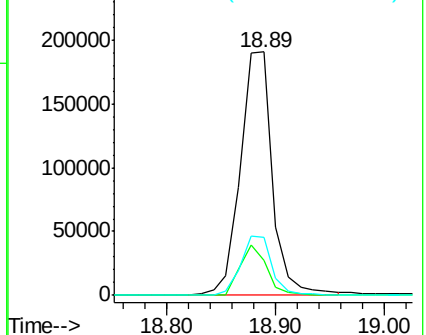
279 23.8 19.0 28.6



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: 51.03 ng

RT: 19.23 min Scan# 1605

Delta R.T. -0.06 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

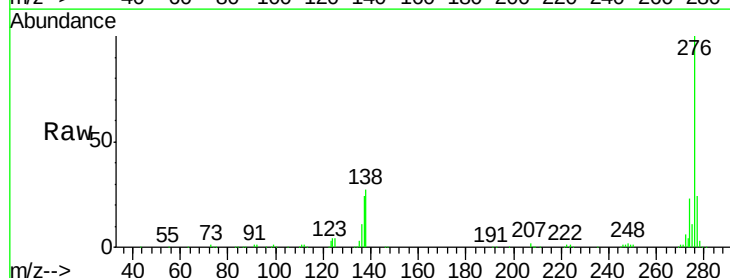
Tgt Ion:276 Resp: 389962

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 26.9 19.9 29.9



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

