

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077335.D
 Acq On : 18 Feb 2015 1:43
 Operator : TP/IZ
 Sample : G1295-02MSD
 Misc : TCLP
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Quant Time: Feb 18 03:38:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 02:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	55598	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	229271	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	113415	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	231732	20.00	ng	0.00
75) Chrysene-d12	16.27	240	224588	20.00	ng	0.00
86) Perylene-d12	18.00	264	198195	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	390016	119.88	ng	0.01
7) Phenol-d6	6.92	99	466991	109.88	ng	0.00
23) Nitrobenzene-d5	8.06	82	294113	88.84	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	150967	142.77	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	722108	95.98	ng	0.00
78) Terphenyl-d14	14.98	244	805642	81.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	51521	36.13	ng	96
3) Pyridine	3.16	79	119072	31.63	ng	96
4) n-Nitrosodimethylamine	3.07	42	59676	33.13	ng	# 94
6) Aniline	6.97	93	33262	5.54	ng	96
8) 2-Chlorophenol	7.10	128	153819	40.34	ng	96
10) Phenol	7.06	94	7167	45.70	ng	# 79
11) bis(2-Chloroethyl)ether	7.06	93	144888	39.13	ng	96
12) 1,3-Dichlorobenzene	7.30	146	165589	38.49	ng	98
13) 1,4-Dichlorobenzene	7.40	146	170059	38.35	ng	100
14) 1,2-Dichlorobenzene	7.58	146	166804	39.00	ng	99
15) Benzyl Alcohol	7.55	79	118659	36.85	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.73	45	221216	39.69	ng	100
17) 2-Methylphenol	7.69	107	121496	39.97	ng	98
18) Hexachloroethane	8.01	117	58404	40.41	ng	97
19) n-Nitroso-di-n-propylamine	7.89	70	120165	40.69	ng	98
20) 3+4-Methylphenols	7.88	107	168438	42.57	ng	97
22) Acetophenone	7.88	105	229865	42.61	ng	99
24) Nitrobenzene	8.09	77	160237	44.91	ng	99
25) Isophorone	8.40	82	313976	42.07	ng	# 88
26) 2-Nitrophenol	8.49	139	54326	50.08	ng	98
27) 2,4-Dimethylphenol	8.54	122	159715	46.99	ng	94
28) bis(2-Chloroethoxy)methane	8.67	93	206558	43.02	ng	100
29) 2,4-Dichlorophenol	8.77	162	127428	43.62	ng	98
30) 1,2,4-Trichlorobenzene	8.89	180	149364	40.27	ng	99
31) Naphthalene	8.99	128	1987132	173.22	ng	99
32) Benzoic acid	8.64	122	37741	42.82	ng	98
33) 4-Chloroaniline	9.05	127	11546	2.35	ng	# 86
34) Hexachlorobutadiene	9.14	225	83872	41.37	ng	99
35) Caprolactam	9.47	113	32771	36.45	ng	94
36) 4-Chloro-3-methylphenol	9.65	107	146444	45.56	ng	# 78
37) 2-Methylnaphthalene	9.85	142	453566	54.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.05	216	142472	43.50	ng	99
40) Hexachlorocyclopentadiene	10.03	237	145844	89.58	ng	99
42) 2,4,6-Trichlorophenol	10.19	196	92990	50.68	ng	99

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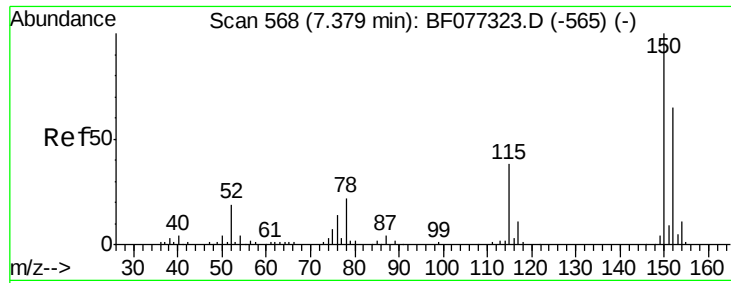
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	10.24	196	96086	48.98	ng	# 82
45) 1,1'-Biphenyl	10.42	154	411686	45.53	ng	99
46) 2-Chloronaphthalene	10.44	162	306193	45.58	ng	99
47) 2-Nitroaniline	10.57	65	64516	45.15	ng	99
48) Acenaphthylene	10.96	152	511231	46.16	ng	99
49) Dimethylphthalate	10.81	163	379161	48.58	ng	100
50) 2,6-Dinitrotoluene	10.88	165	70849	49.11	ng	99
51) Acenaphthene	11.17	154	328371	49.95	ng	99
52) 3-Nitroaniline	11.08	138	7095	4.11	ng	# 90
53) 2,4-Dinitrophenol	11.22	184	30429	135.36	ng	# 61
54) Dibenzofuran	11.39	168	460661	46.20	ng	100
55) 4-Nitrophenol	11.28	139	103203	88.15	ng	87
56) 2,4-Dinitrotoluene	11.38	165	98569	54.13	ng	96
57) Fluorene	11.81	166	381088	48.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	78926	49.32	ng	98
59) Diethylphthalate	11.69	149	403604	49.67	ng	100
60) 4-Chlorophenyl-phenylether	11.82	204	176137	46.28	ng	100
61) 4-Nitroaniline	11.84	138	40174	24.97	ng	93
62) Azobenzene	12.02	77	343761	42.71	ng	98
64) 4,6-Dinitro-2-methylphenol	11.87	198	21292	50.22	ng	98
65) n-Nitrosodiphenylamine	11.97	169	194243	25.70	ng	99
66) 4-Bromophenyl-phenylether	12.43	248	110337	42.71	ng	97
67) Hexachlorobenzene	12.49	284	118351	40.38	ng	95
68) Atrazine	12.64	200	51798	22.93	ng	98
69) Pentachlorophenol	12.74	266	109872	95.42	ng	98
70) Phenanthrene	13.01	178	593176	44.05	ng	100
71) Anthracene	13.07	178	546991	40.85	ng	99
72) Carbazole	13.28	167	608751	51.71	ng	99
73) Di-n-butylphthalate	13.72	149	650711	44.90	ng	100
74) Fluoranthene	14.49	202	564943	41.55	ng	99
77) Pyrene	14.77	202	593983	42.78	ng	100
79) Butylbenzylphthalate	15.60	149	269281	48.58	ng	99
80) Benzo(a)anthracene	16.26	228	561048	42.90	ng	99
81) 3,3'-Dichlorobenzidine	16.24	252	27270	6.31	ng	98
82) Chrysene	16.31	228	525194	42.47	ng	100
83) Bis(2-ethylhexyl)phthalate	16.32	149	444401	48.05	ng	99
84) Di-n-octyl phthalate	17.09	149	753414	50.26	ng	97
87) Benzo(b)fluoranthene	17.55	252	581162	45.62	ng	99
88) Benzo(k)fluoranthene	17.55	252	581134	55.22	ng	# 93
89) Benzo(a)pyrene	17.93	252	514400	46.39	ng	# 95
90) Dibenzo(a,h)anthracene	19.55	278	571498	50.64	ng	99
91) Benzo(g,h,i)perylene	19.97	276	547277	48.77	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

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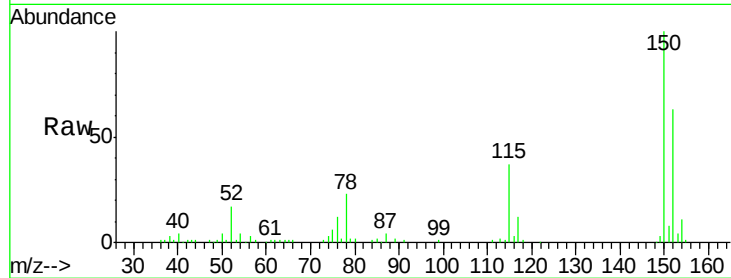
Tgt Ion:152 Resp: 55598

Ion Ratio Lower Upper

152 100

150 158.8 123.1 184.7

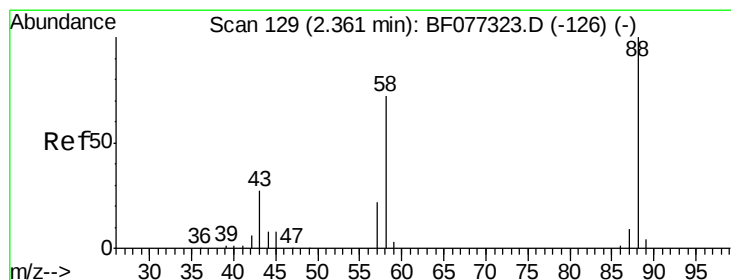
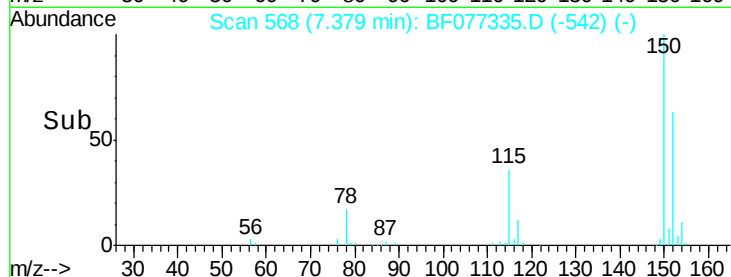
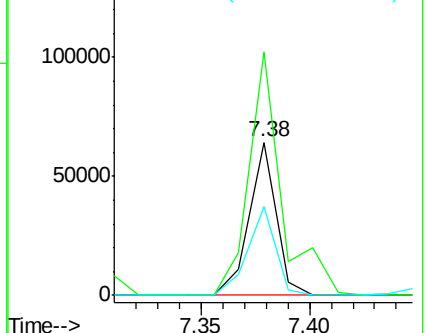
115 58.1 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.13 ng

RT: 2.41 min Scan# 133

Delta R.T. 0.05 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

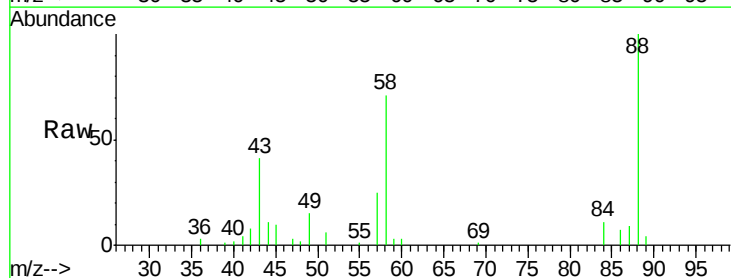
Tgt Ion: 88 Resp: 51521

Ion Ratio Lower Upper

88 100

58 68.1 57.8 86.6

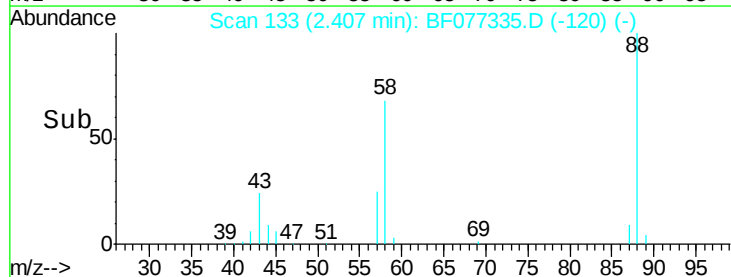
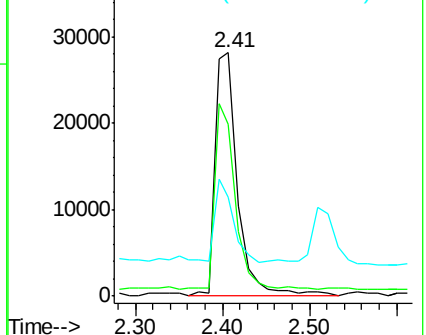
43 27.6 23.2 34.8

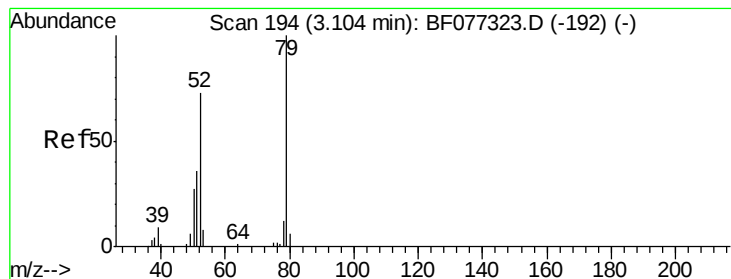


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.63 ng

RT: 3.16 min Scan# 199

Delta R.T. 0.06 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

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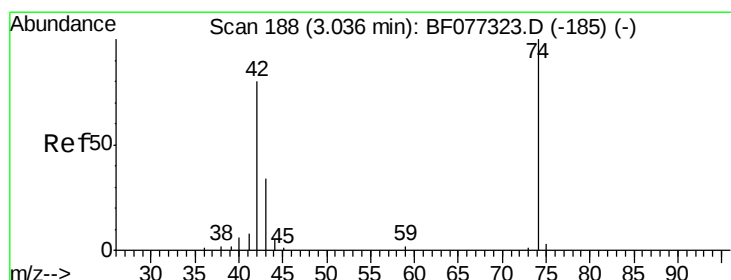
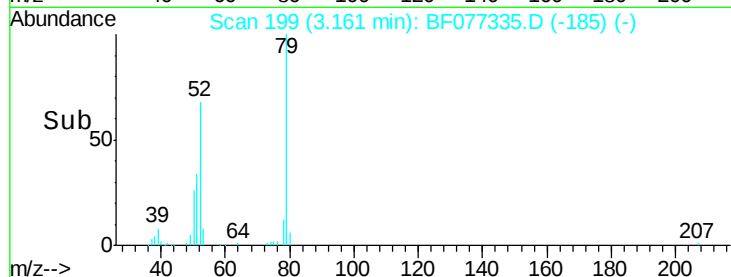
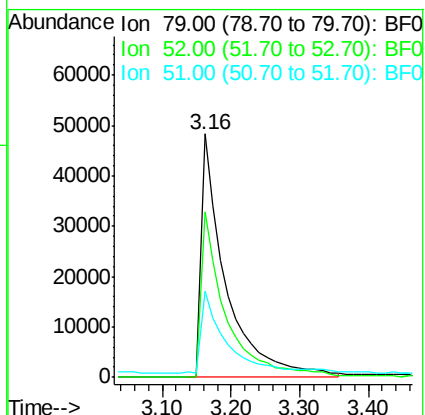
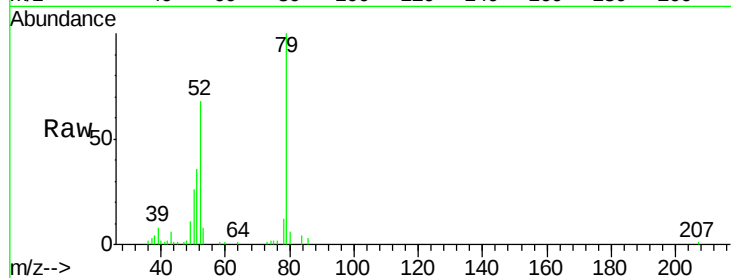
Tgt Ion: 79 Resp: 119072

Ion Ratio Lower Upper

79 100

52 68.1 58.4 87.6

51 35.5 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 33.13 ng

RT: 3.07 min Scan# 191

Delta R.T. 0.03 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

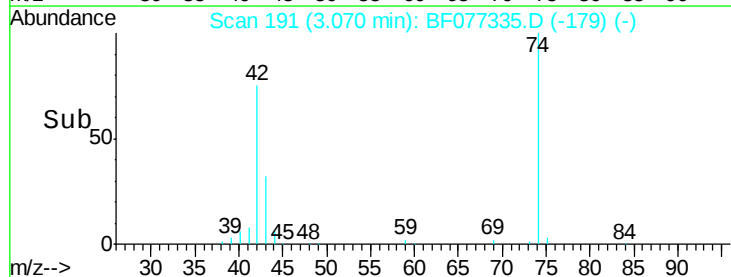
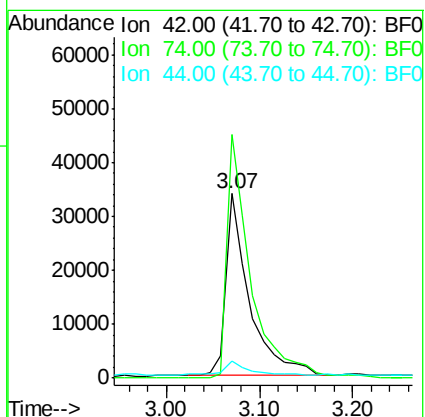
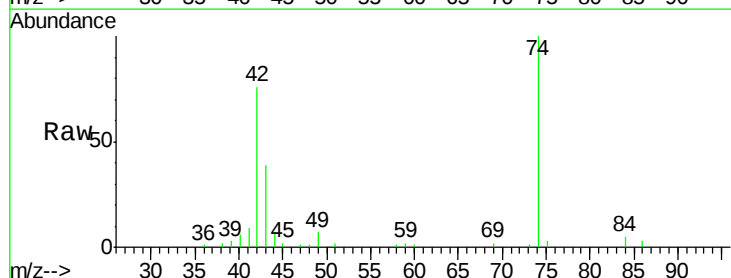
Tgt Ion: 42 Resp: 59676

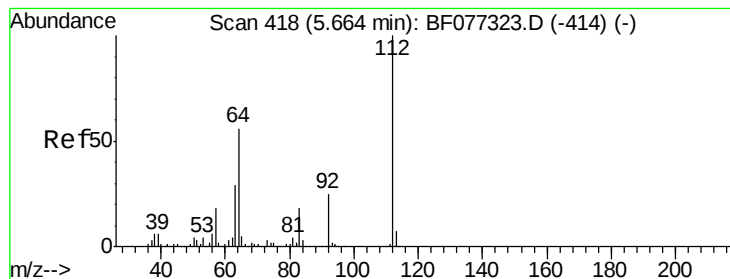
Ion Ratio Lower Upper

42 100

74 132.0 100.0 150.0

44 9.4 6.1 9.1#





#5

2-Fluorophenol

Concen: 119.88 ng

RT: 5.68 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

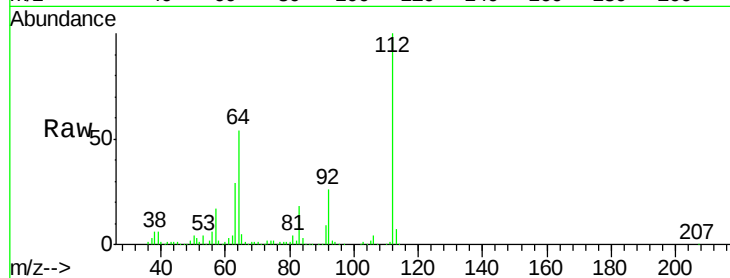
Tgt Ion: 112 Resp: 390016

Ion Ratio Lower Upper

112 100

64 54.4 44.7 67.1

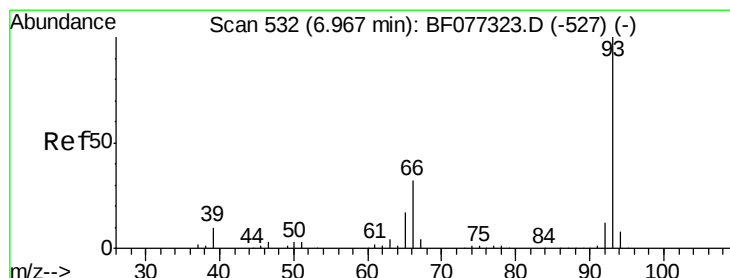
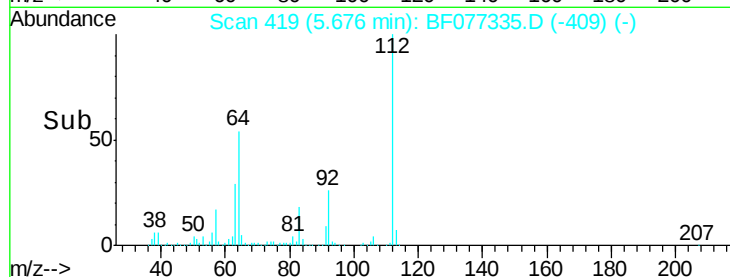
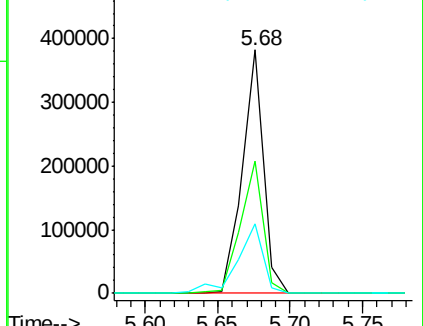
63 28.6 23.3 34.9



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: 5.54 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

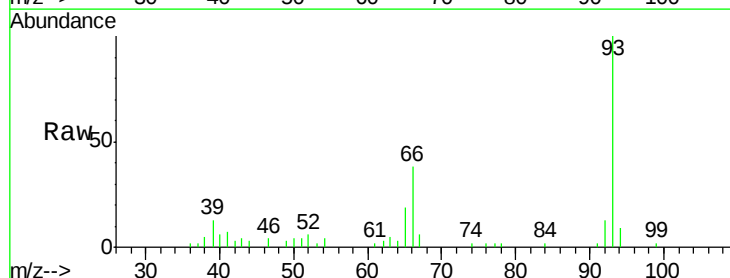
Tgt Ion: 93 Resp: 33262

Ion Ratio Lower Upper

93 100

66 37.6 28.3 42.5

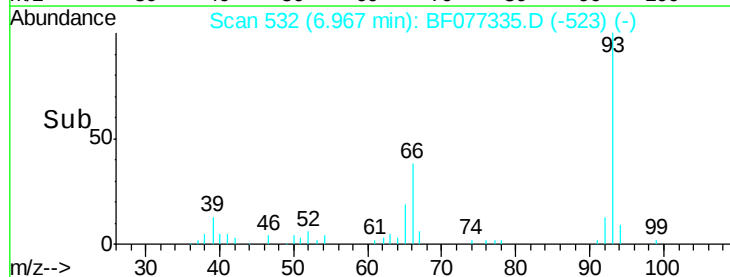
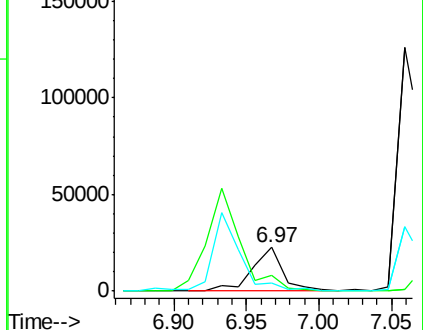
65 19.0 14.1 21.1

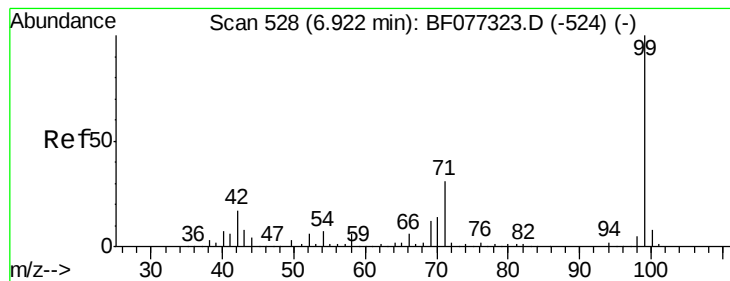


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.88 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

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ClientSampleId :

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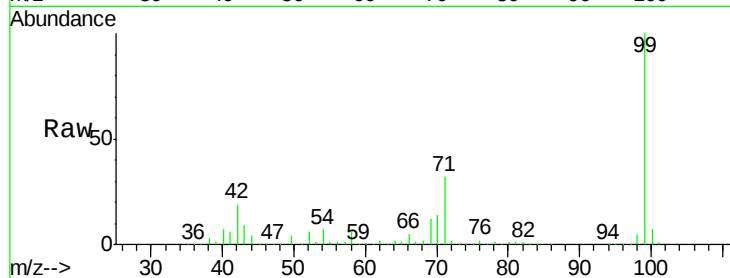
Tgt Ion: 99 Resp: 466991

Ion Ratio Lower Upper

99 100

42 18.6 13.8 20.6

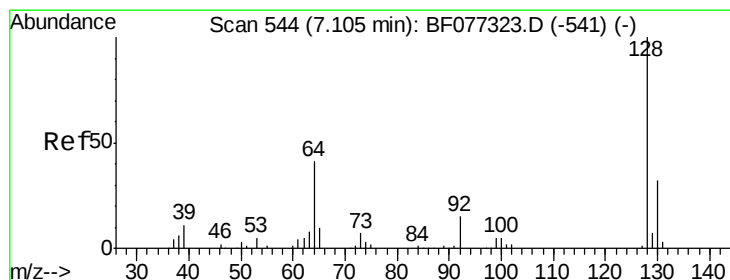
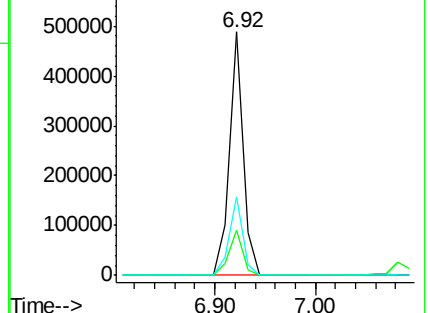
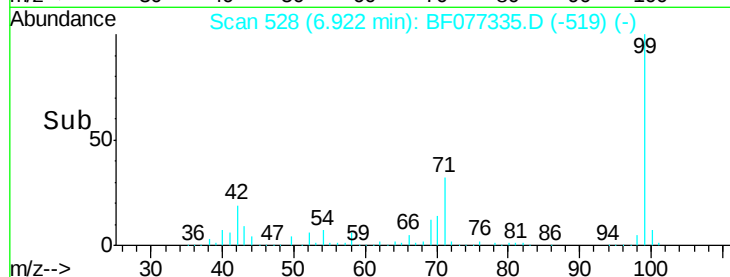
71 32.3 24.6 37.0



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: 40.34 ng

RT: 7.10 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

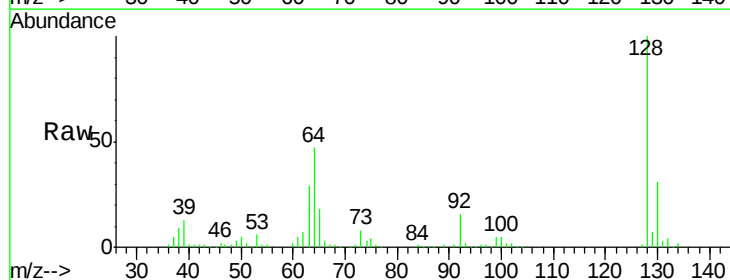
Tgt Ion: 128 Resp: 153819

Ion Ratio Lower Upper

128 100

130 31.4 12.4 52.4

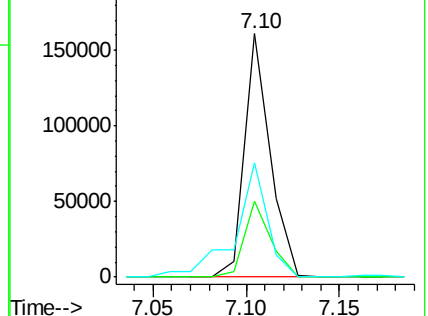
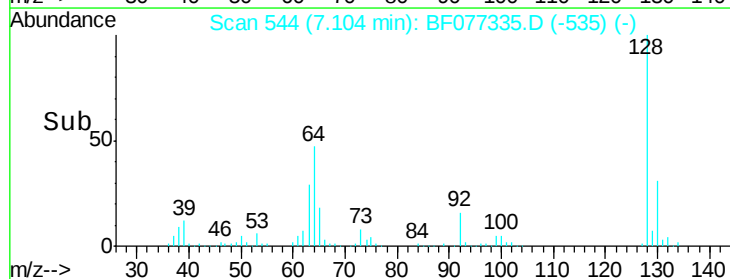
64 46.8 23.2 63.2

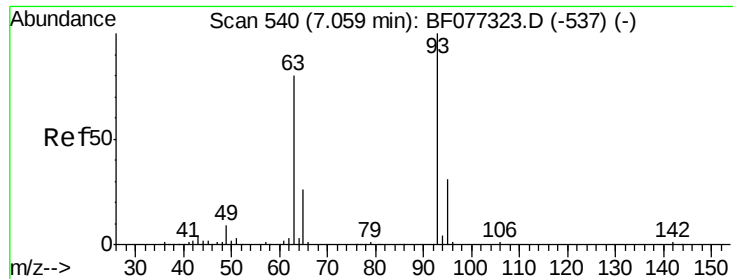


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

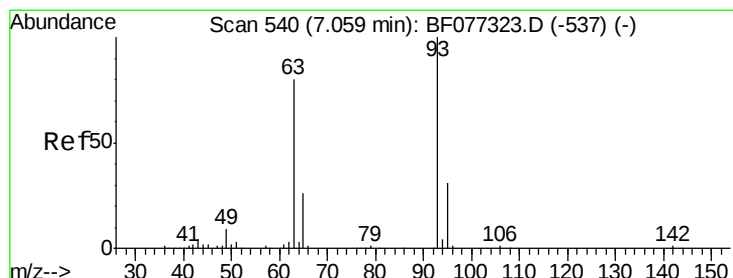
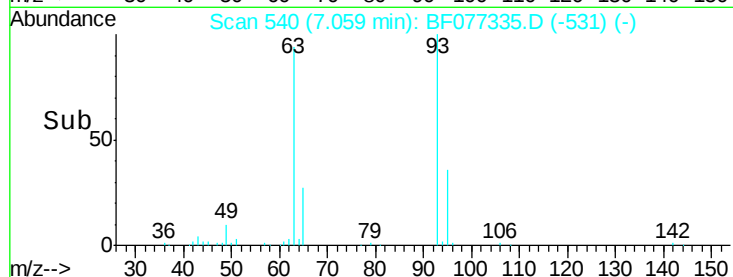
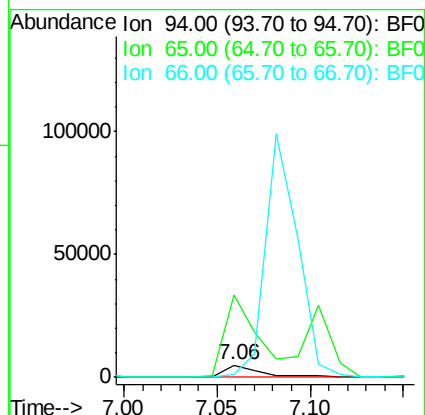
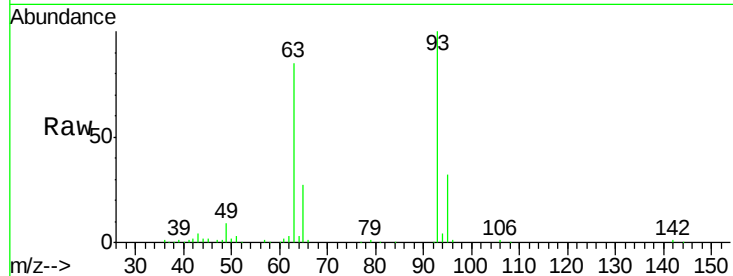




#10
Phenol
Concen: 45.70 ng
RT: 7.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

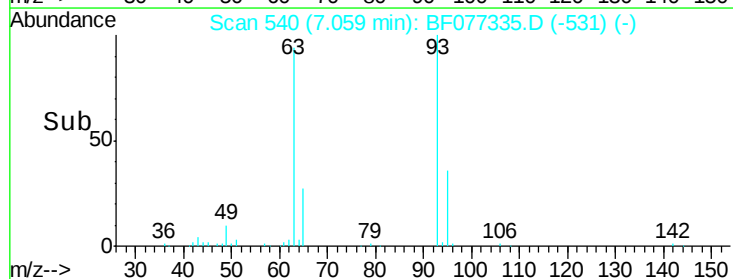
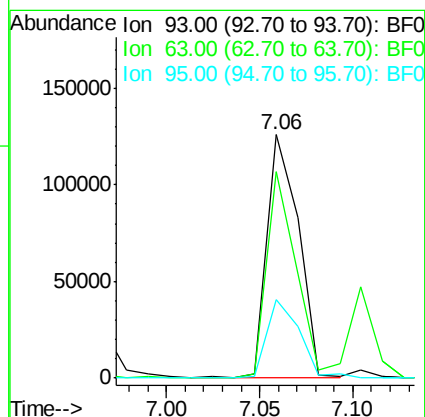
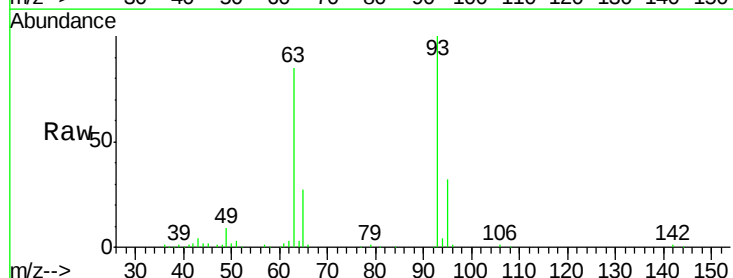
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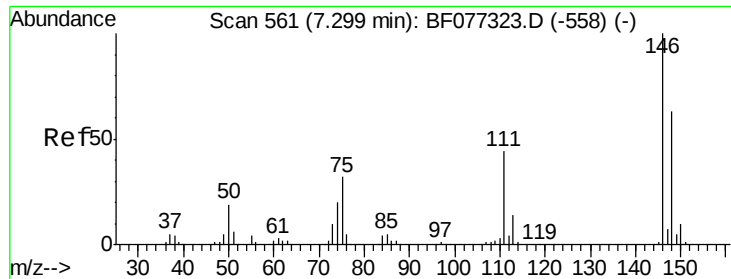
Tgt Ion: 94 Resp: 7167
Ion Ratio Lower Upper
94 100
65 662.8 718.6 758.6#
66 19.7 0.0 37.8



#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 7.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion: 93 Resp: 144888
Ion Ratio Lower Upper
93 100
63 84.6 60.0 100.0
95 32.4 11.4 51.4

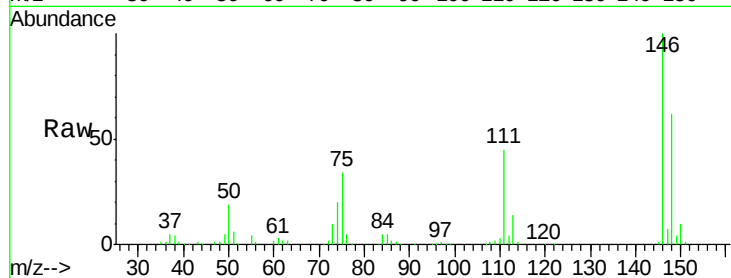




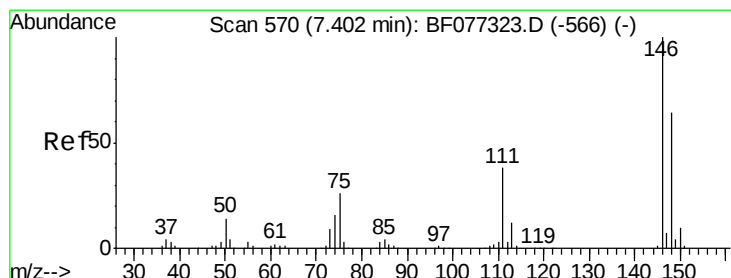
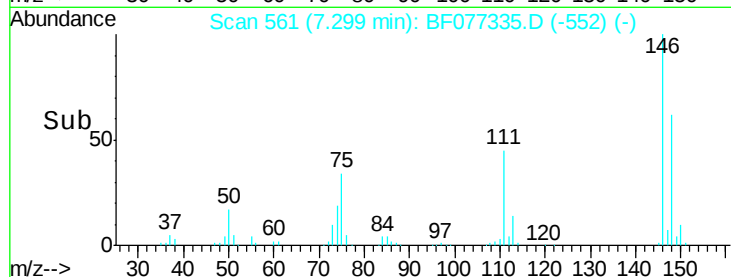
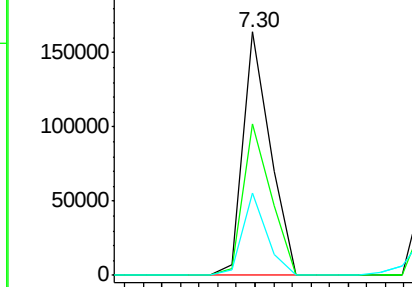
#12
 1,3-Dichlorobenzene
 Concen: 38.49 ng
 RT: 7.30 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.2	75.4
75	34.0	25.9	38.9

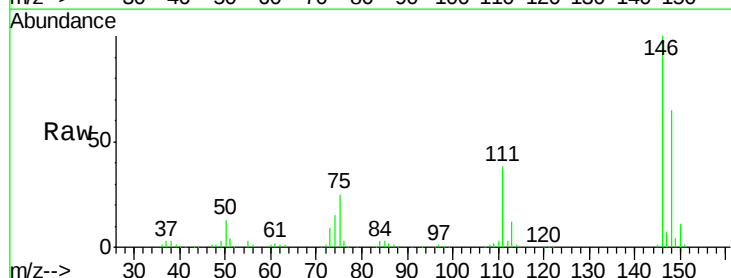


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

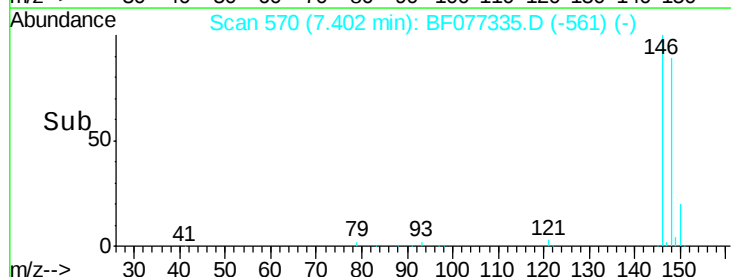
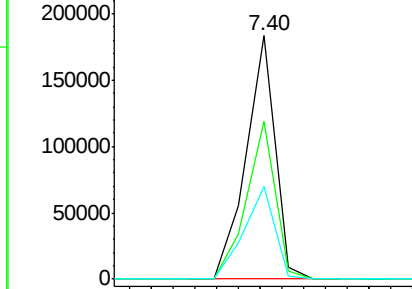


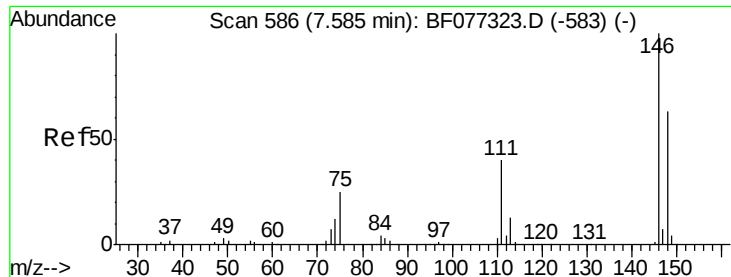
#13
 1,4-Dichlorobenzene
 Concen: 38.35 ng
 RT: 7.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
111	38.2	30.7	46.1



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

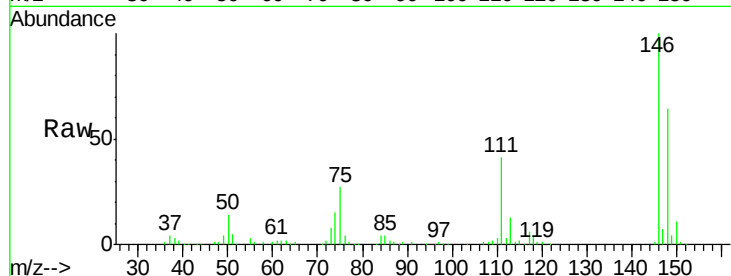




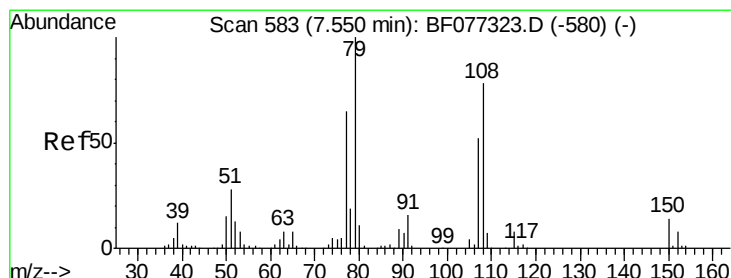
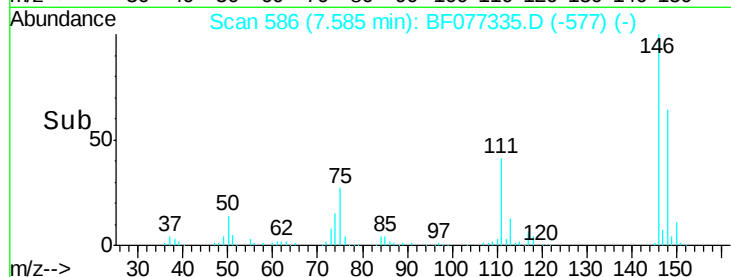
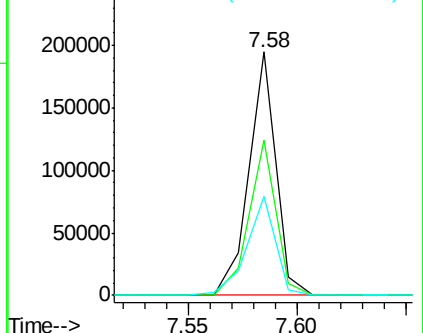
#14
 1,2-Dichlorobenzene
 Concen: 39.00 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion: 146 Resp: 166804
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.3 75.5
 111 40.6 31.8 47.8

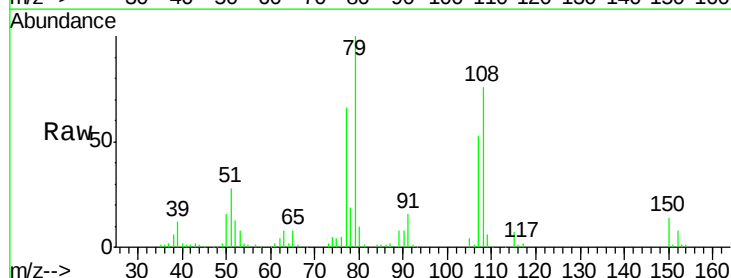


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

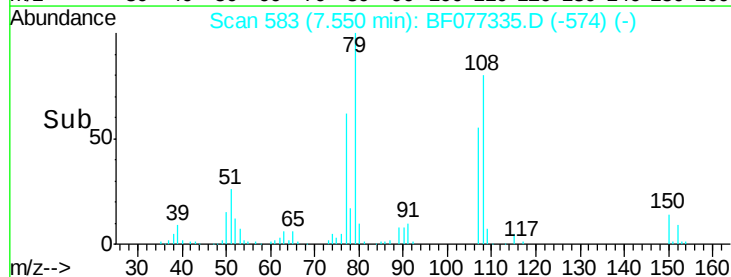
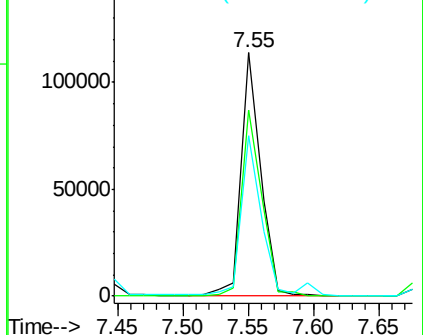


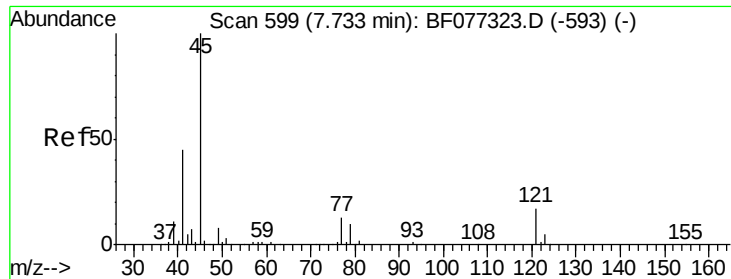
#15
 Benzyl Alcohol
 Concen: 36.85 ng
 RT: 7.55 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion: 79 Resp: 118659
 Ion Ratio Lower Upper
 79 100
 108 76.4 62.0 93.0
 77 66.0 52.0 78.0



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

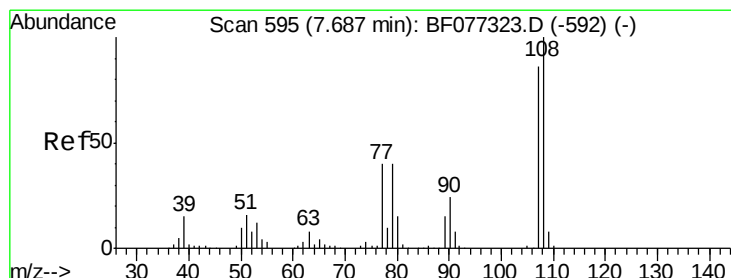
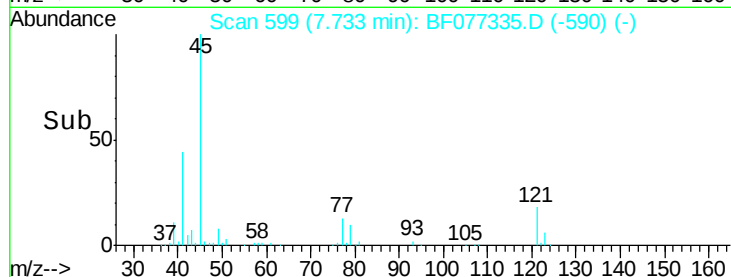
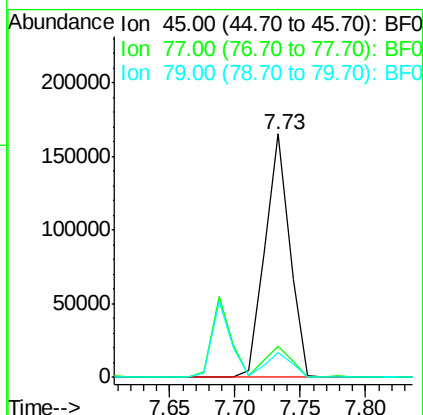
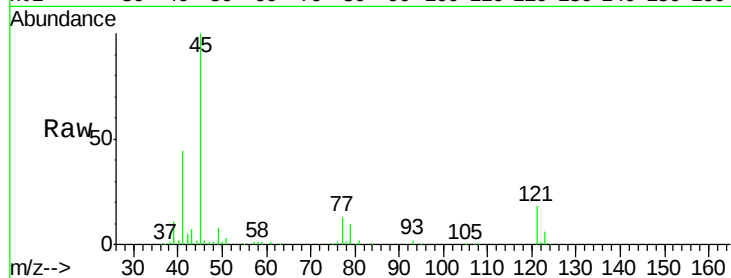




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.69 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

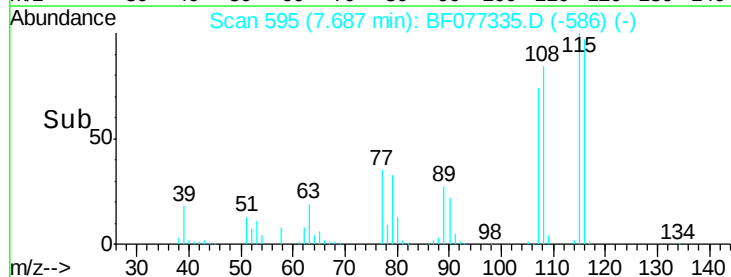
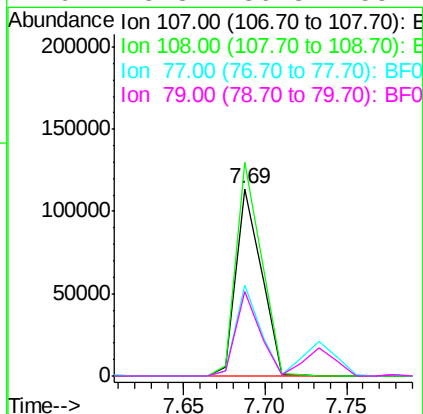
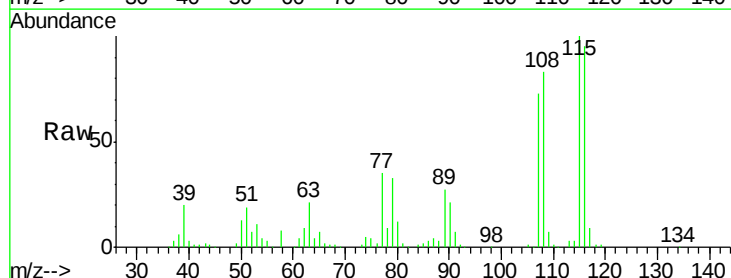
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

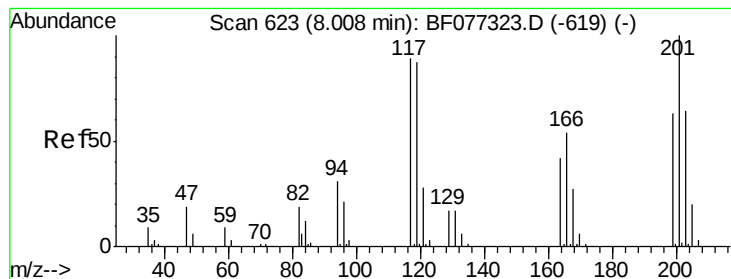
Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	32.7
79	10.4	0.0	30.0



#17
2-Methylphenol
Concen: 39.97 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.6	138.8
77	48.3	37.4	56.0
79	45.3	36.8	55.2





#18

Hexachloroethane

Concen: 40.41 ng

RT: 8.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

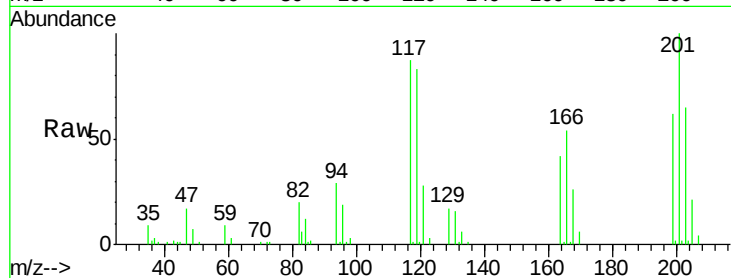
Tgt Ion: 117 Resp: 58404

Ion Ratio Lower Upper

117 100

119 95.0 78.4 117.6

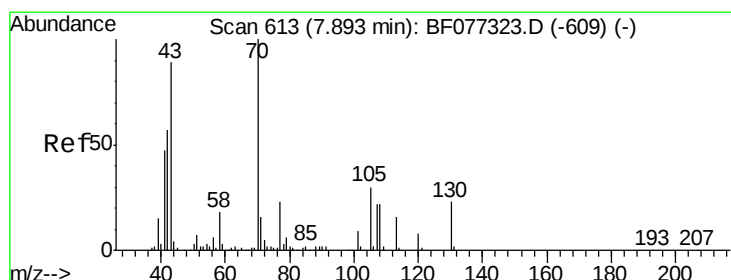
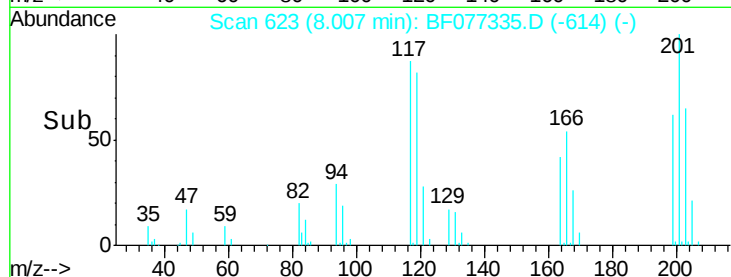
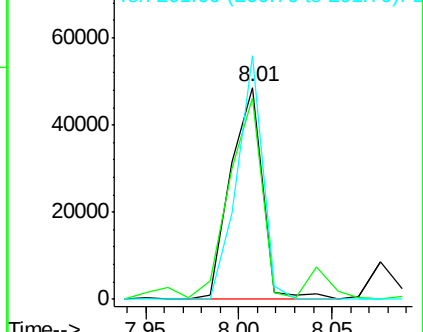
201 114.9 90.1 135.1



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: 40.69 ng

RT: 7.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Tgt Ion: 70 Resp: 120165

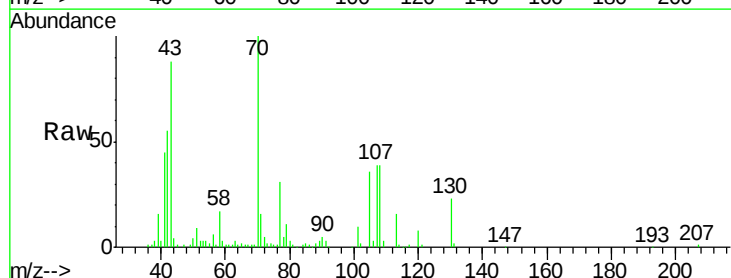
Ion Ratio Lower Upper

70 100

42 55.0 45.5 68.3

101 9.6 7.5 11.3

130 23.1 18.2 27.2

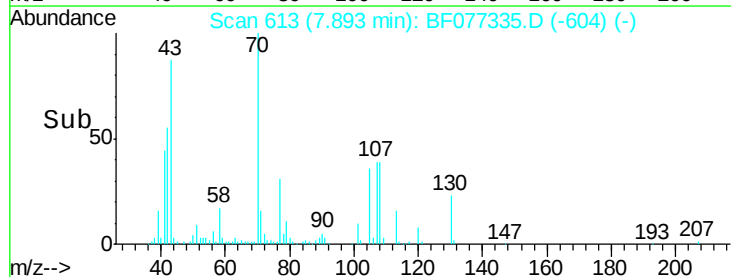
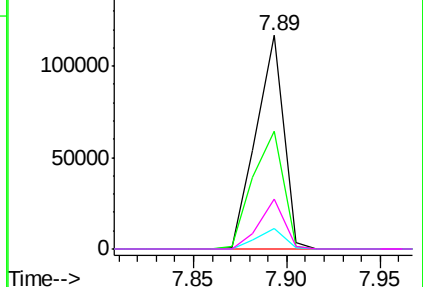


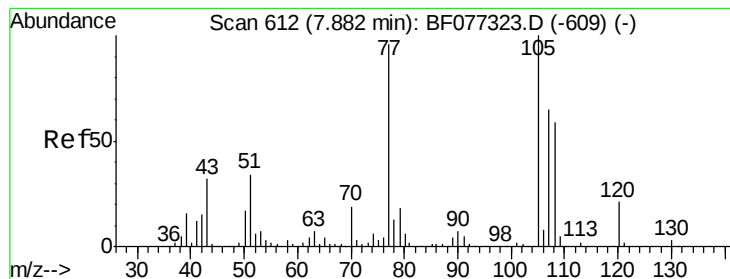
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 42.57 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

Tgt Ion:107 Resp: 168438

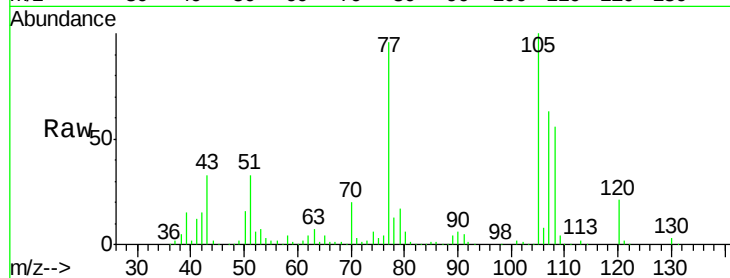
Ion Ratio Lower Upper

107 100

108 88.6 70.6 110.6

77 150.9 126.5 166.5

79 26.7 8.3 48.3

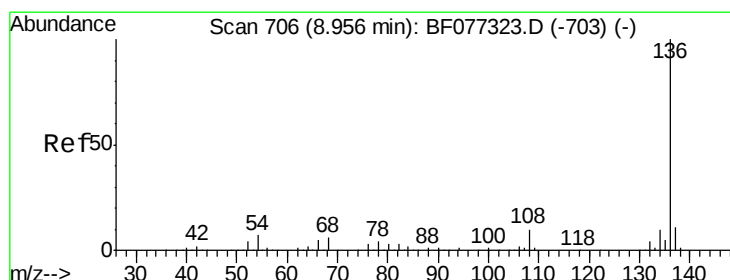
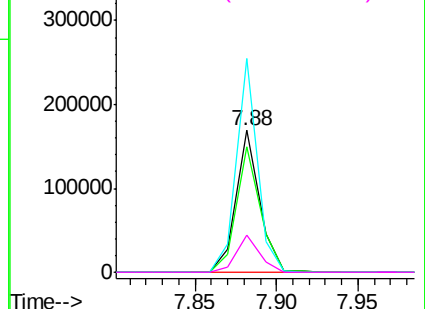
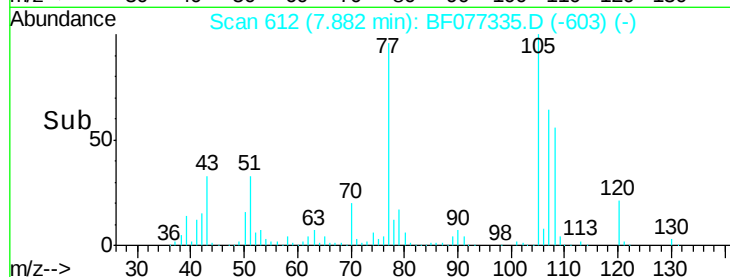


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.96 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Tgt Ion:136 Resp: 229271

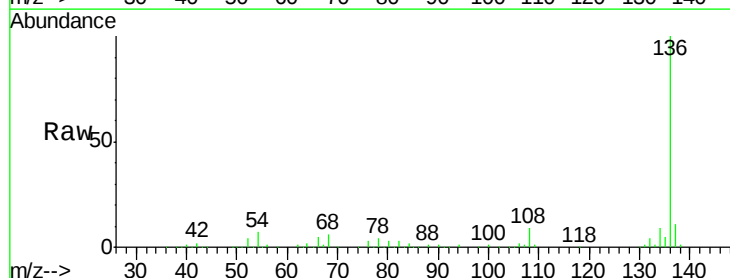
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.5 5.8 8.6

68 6.1 4.6 6.8

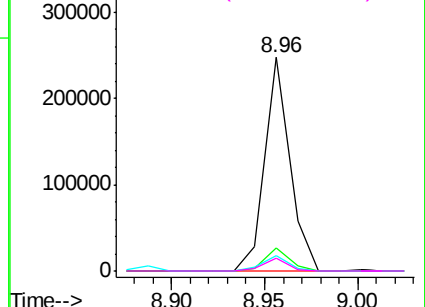
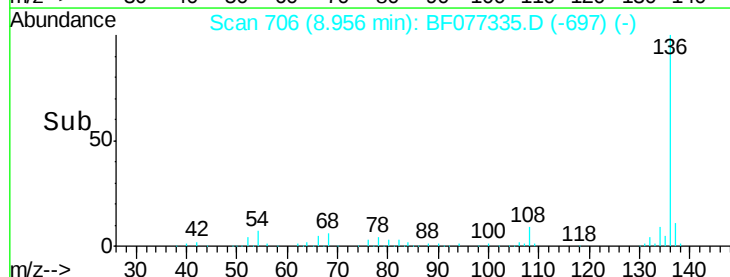


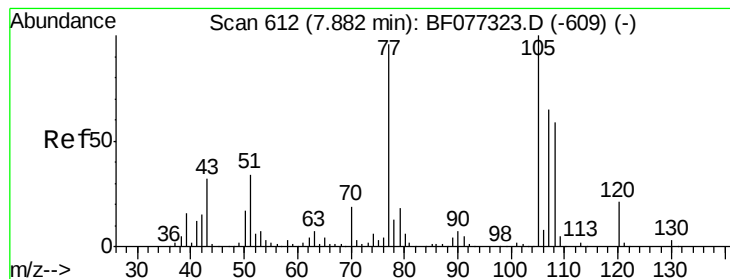
Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.61 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

Tgt Ion: 105 Resp: 229865

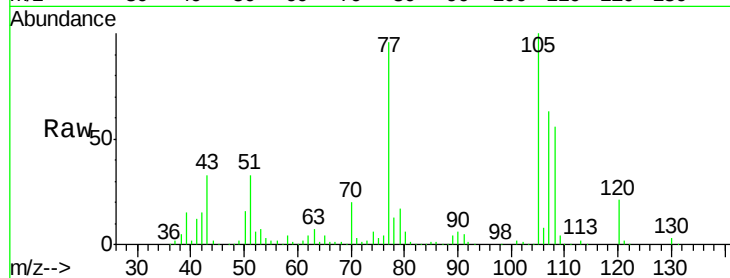
Ion Ratio Lower Upper

105 100

71 3.4 2.5 3.7

51 33.3 27.4 41.2

120 21.2 17.2 25.8

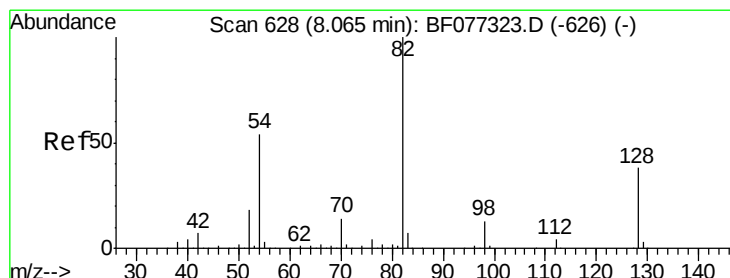
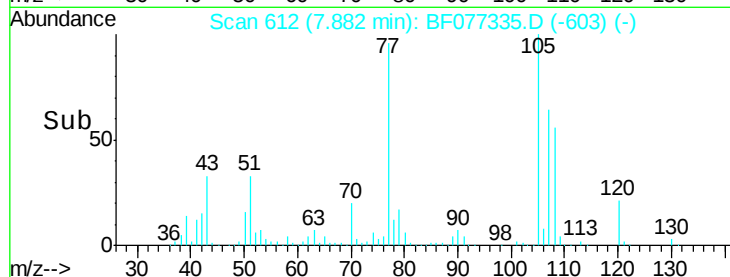
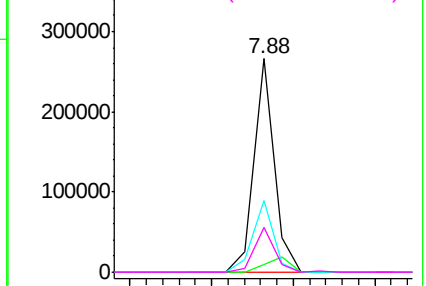


Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.84 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

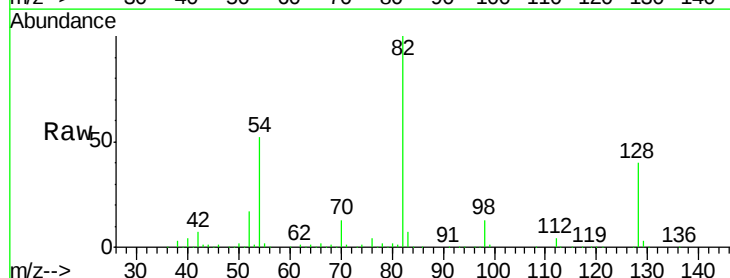
Tgt Ion: 82 Resp: 294113

Ion Ratio Lower Upper

82 100

128 39.7 30.7 46.1

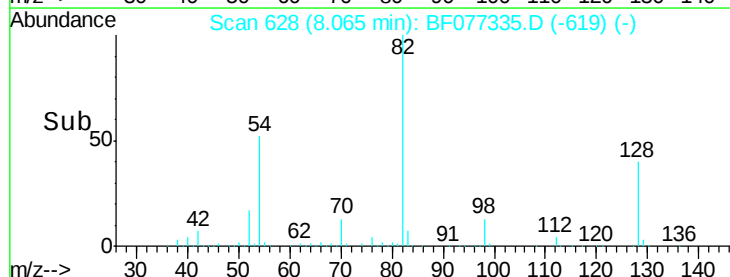
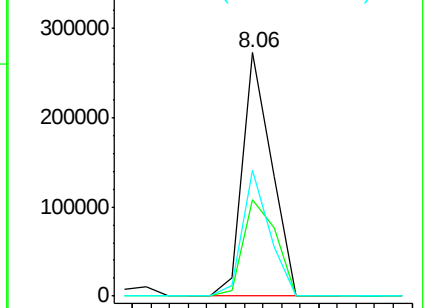
54 51.7 43.1 64.7

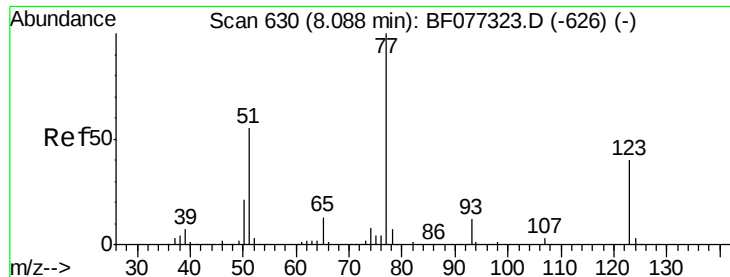


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 44.91 ng

RT: 8.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

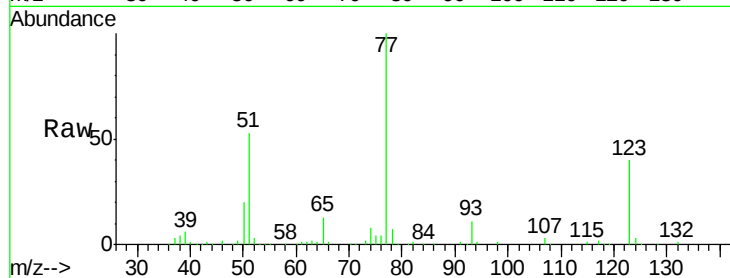
Tgt Ion: 77 Resp: 160237

Ion Ratio Lower Upper

77 100

123 40.4 31.7 47.5

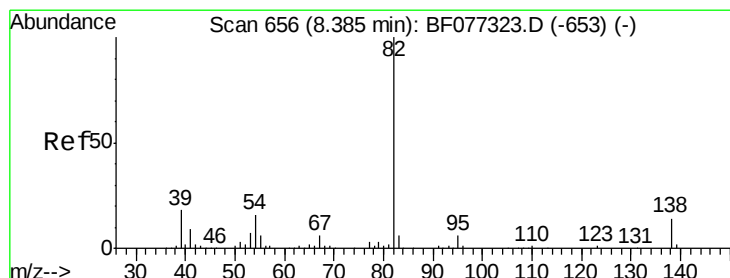
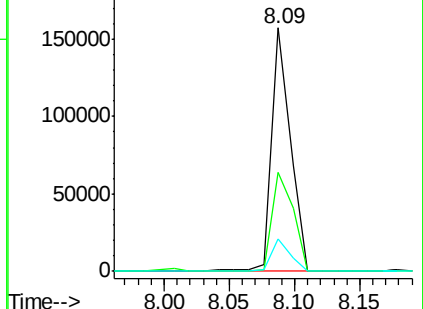
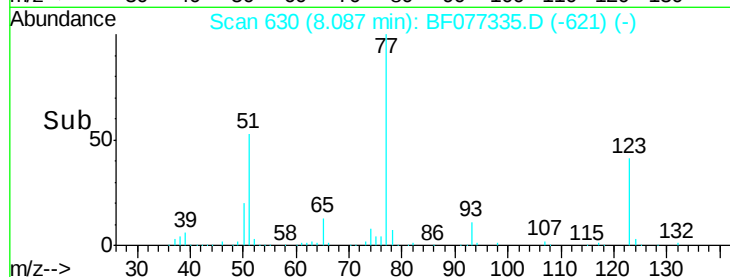
65 13.1 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 42.07 ng

RT: 8.40 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

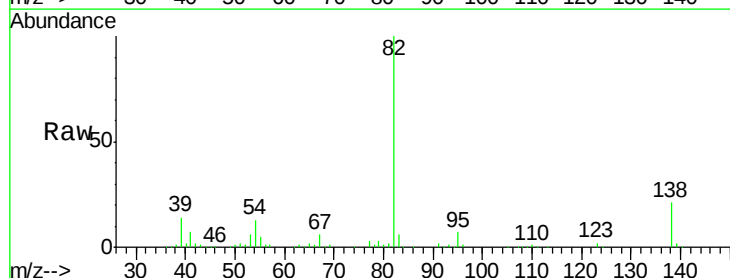
Tgt Ion: 82 Resp: 313976

Ion Ratio Lower Upper

82 100

95 7.1 5.0 7.6

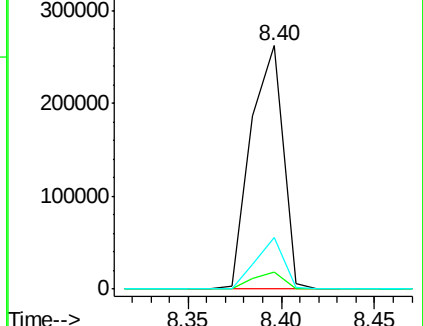
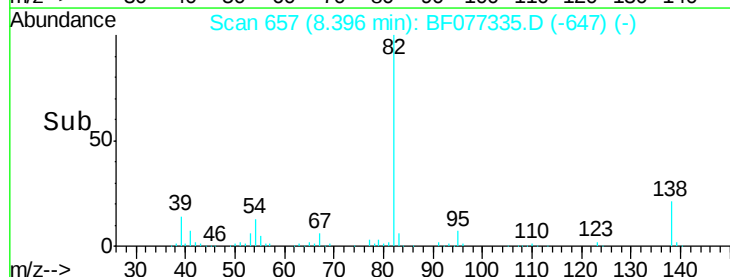
138 21.2 11.5 17.3#

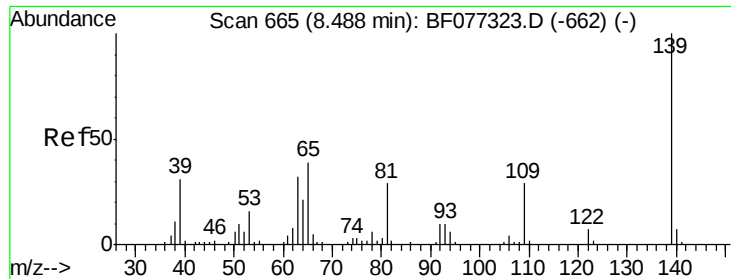


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

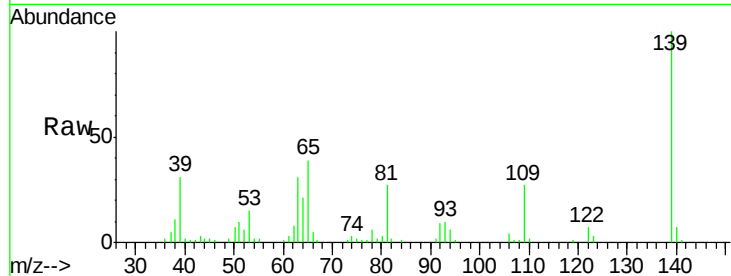




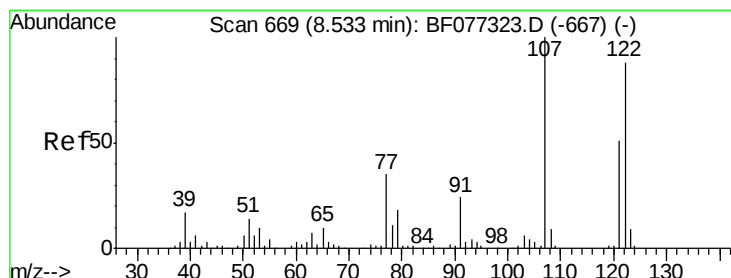
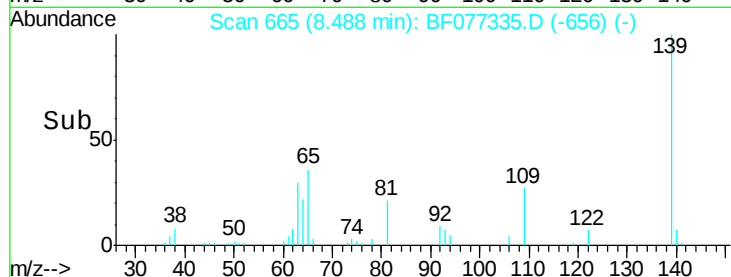
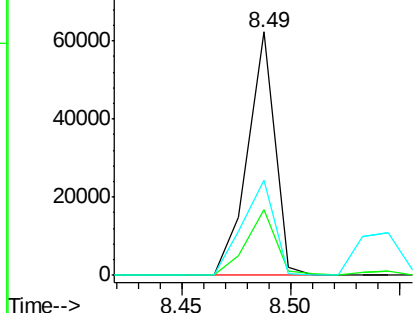
#26
 2-Nitrophenol
 Concen: 50.08 ng
 RT: 8.49 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.9	22.9	34.3
65	39.1	31.4	47.2

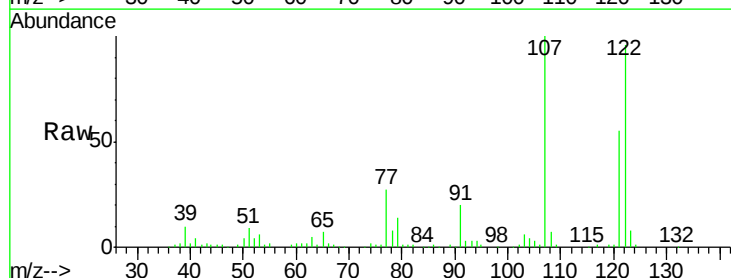


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

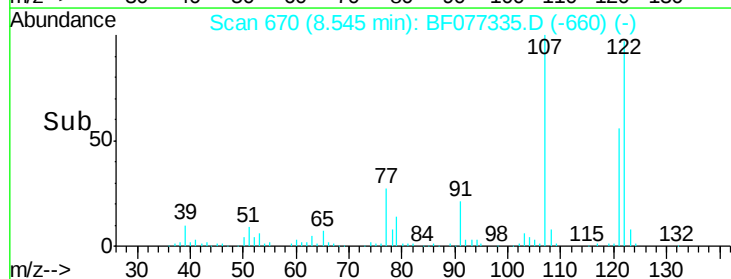
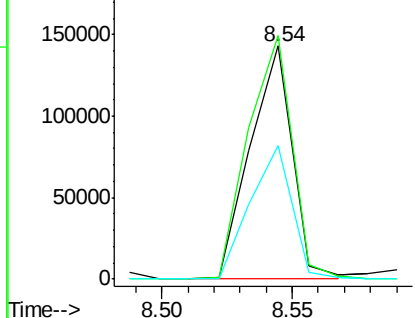


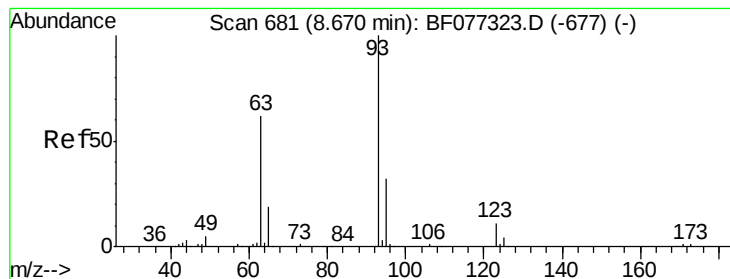
#27
 2,4-Dimethylphenol
 Concen: 46.99 ng
 RT: 8.54 min Scan# 670
 Delta R.T. 0.01 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion	Ratio	Lower	Upper
122	100		
107	104.4	90.6	135.8
121	57.4	46.2	69.2



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 43.02 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

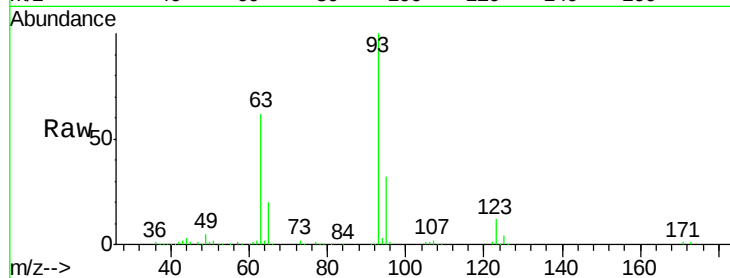
Tgt Ion: 93 Resp: 206558

Ion Ratio Lower Upper

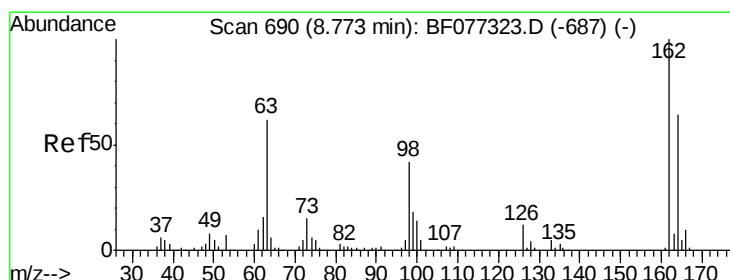
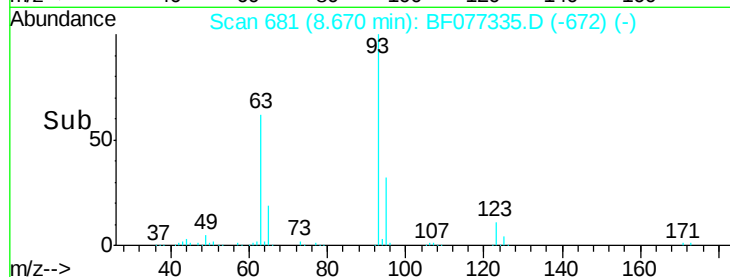
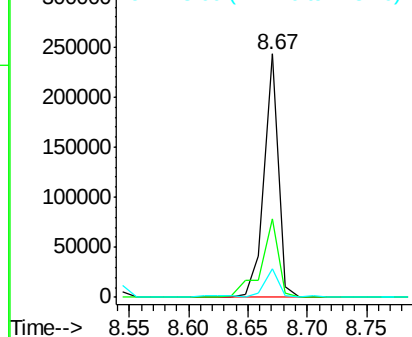
93 100

95 32.4 25.9 38.9

123 11.5 9.2 13.8



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: 43.62 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

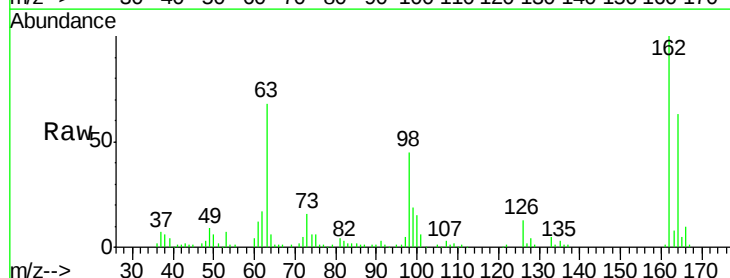
Tgt Ion: 162 Resp: 127428

Ion Ratio Lower Upper

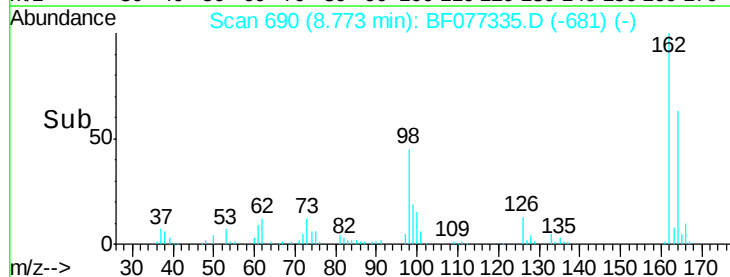
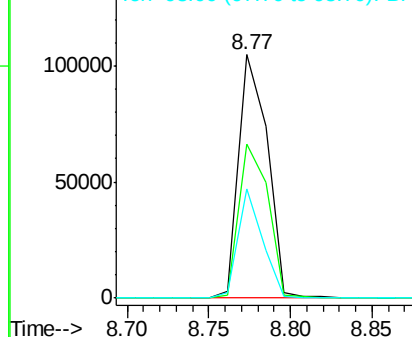
162 100

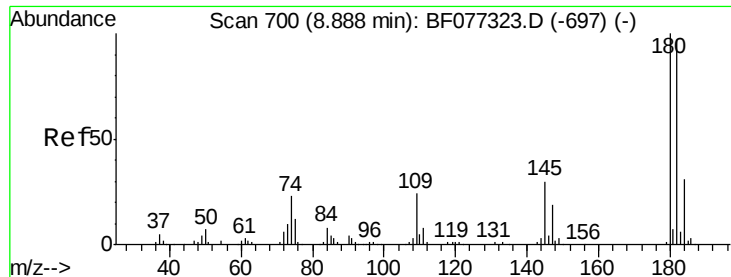
164 63.2 43.7 83.7

98 44.9 21.7 61.7



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

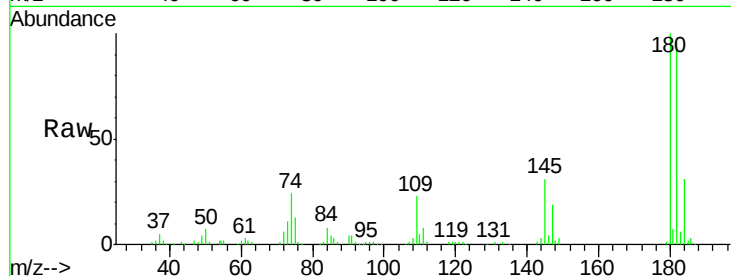




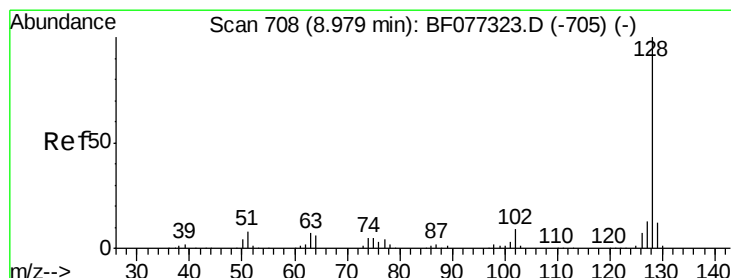
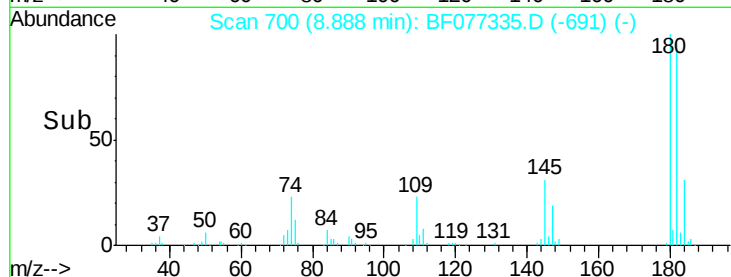
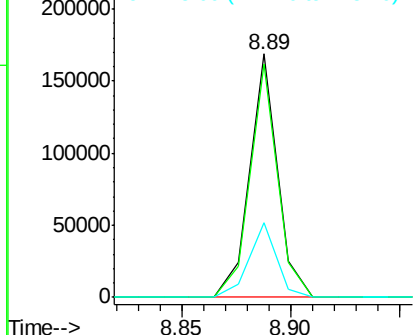
#30
1,2,4-Trichlorobenzene
Concen: 40.27 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

Tgt Ion:180 Resp: 149364
Ion Ratio Lower Upper
180 100
182 95.9 77.8 116.8
145 30.6 24.1 36.1

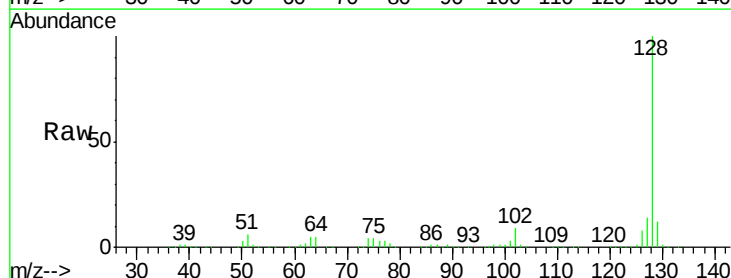


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

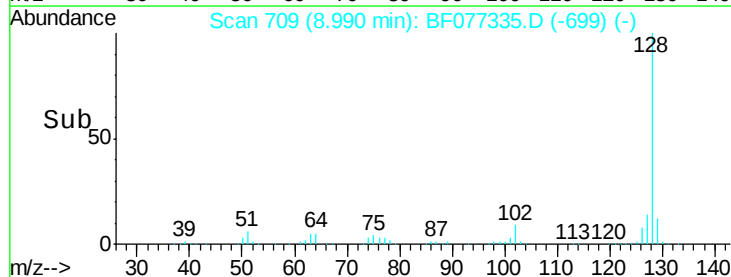
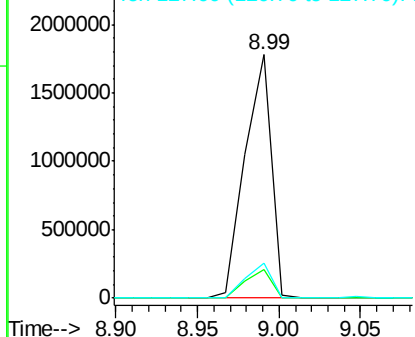


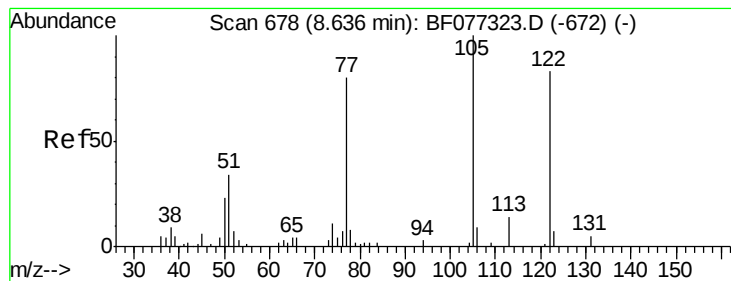
#31
Naphthalene
Concen: 173.22 ng
RT: 8.99 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion:128 Resp: 1987132
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.1 10.5 15.7



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: 42.82 ng

RT: 8.64 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

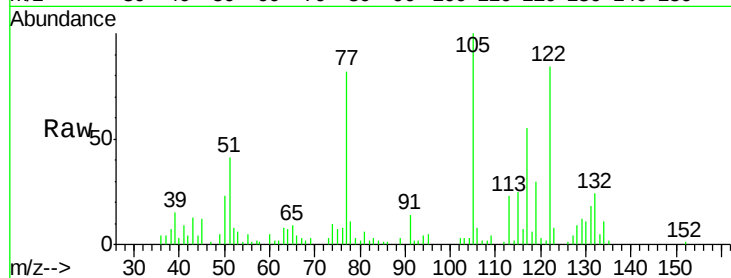
Tgt Ion:122 Resp: 37741

Ion Ratio Lower Upper

122 100

105 119.6 98.4 138.4

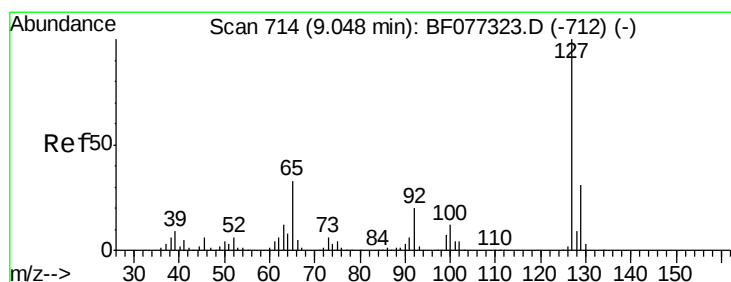
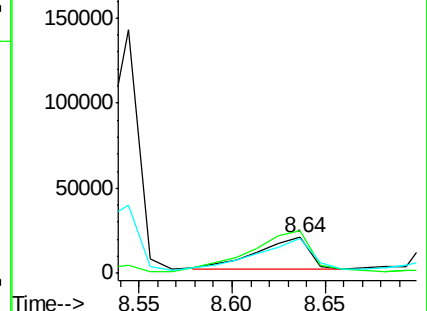
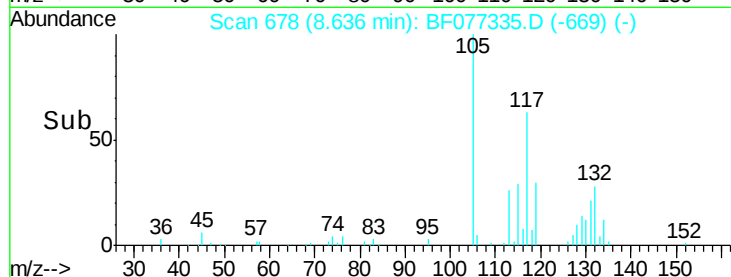
77 98.5 75.4 115.4



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: 2.35 ng

RT: 9.05 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Tgt Ion:127 Resp: 11546

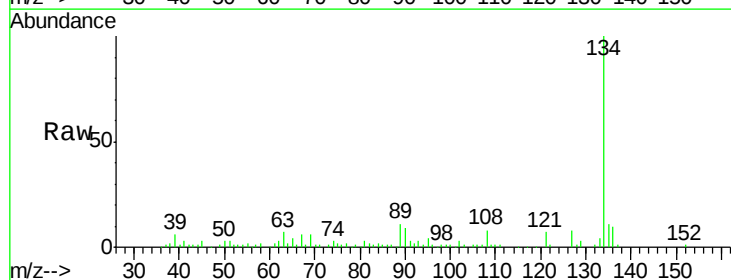
Ion Ratio Lower Upper

127 100

129 34.7 24.9 37.3

65 44.9 26.4 39.6#

92 25.5 15.9 23.9#

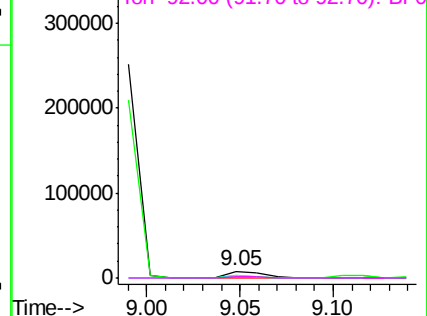
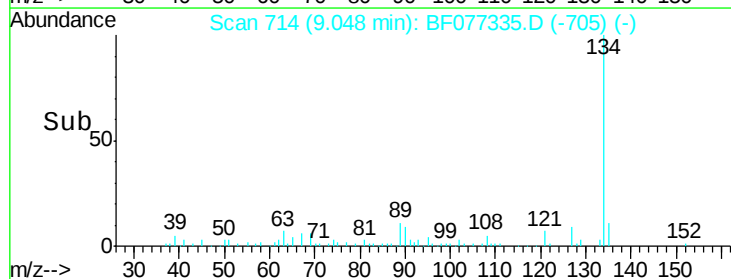


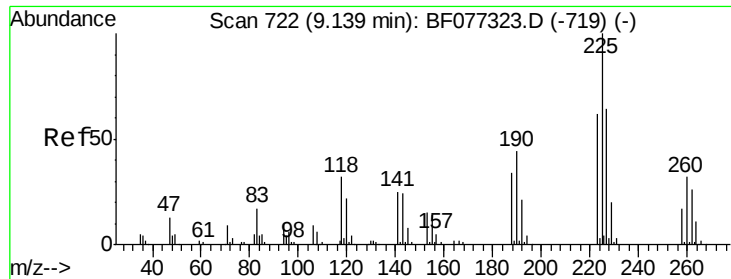
Abundance Ion 127.00 (126.70 to 127.70): E

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

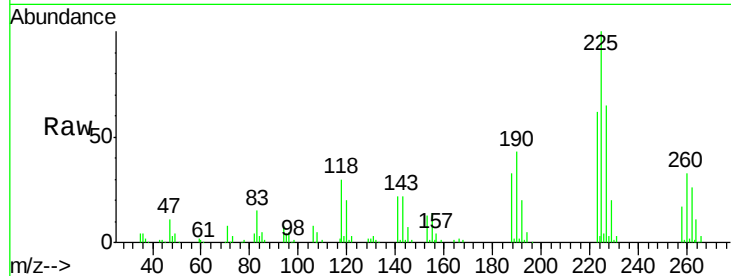




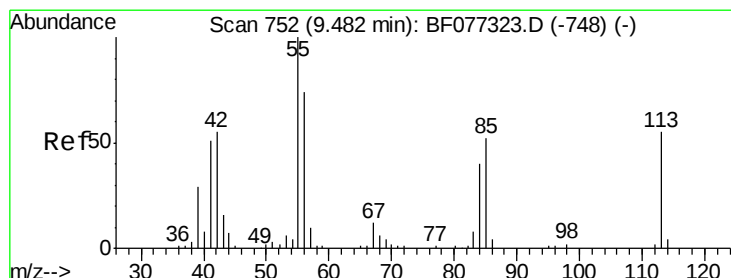
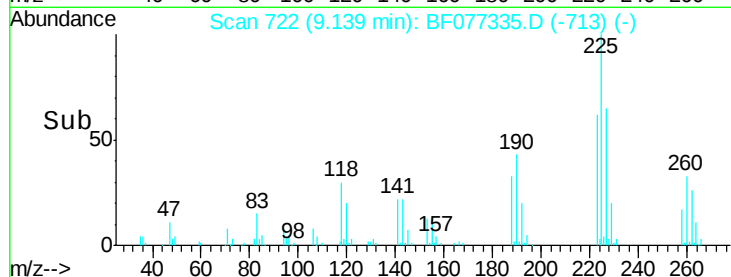
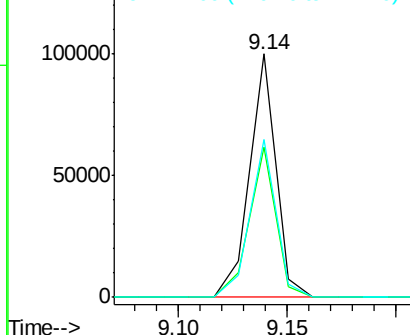
#34
Hexachlorobutadiene
Concen: 41.37 ng
RT: 9.14 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

Tgt Ion: 225 Resp: 83872
Ion Ratio Lower Upper
225 100
223 61.5 49.4 74.2
227 64.9 51.0 76.6

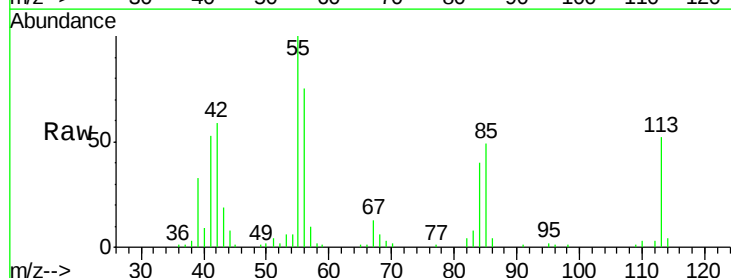


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

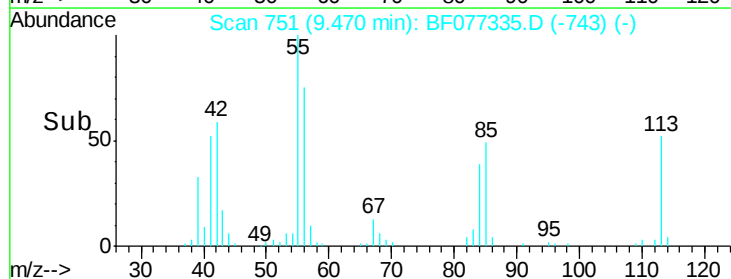
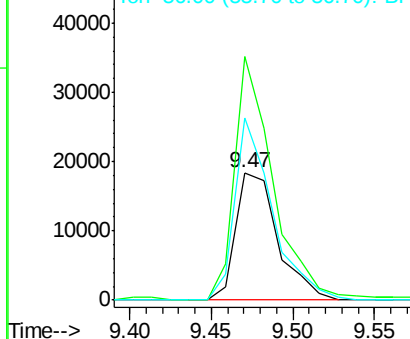


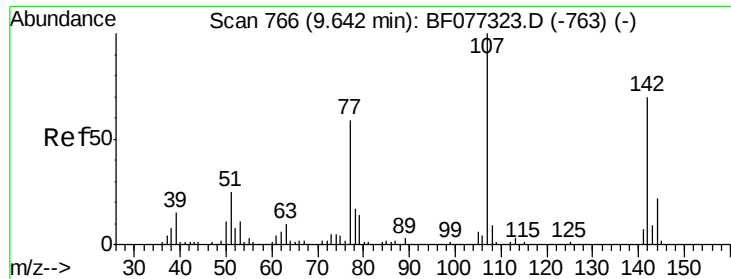
#35
Caprolactam
Concen: 36.45 ng
RT: 9.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion: 113 Resp: 32771
Ion Ratio Lower Upper
113 100
55 190.7 163.0 203.0
56 142.6 115.6 155.6



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

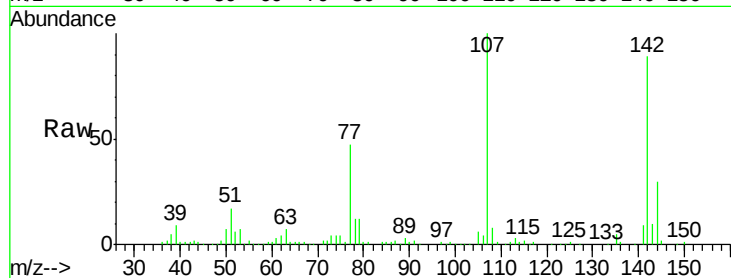




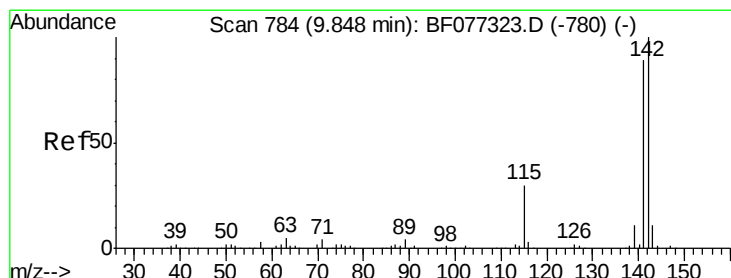
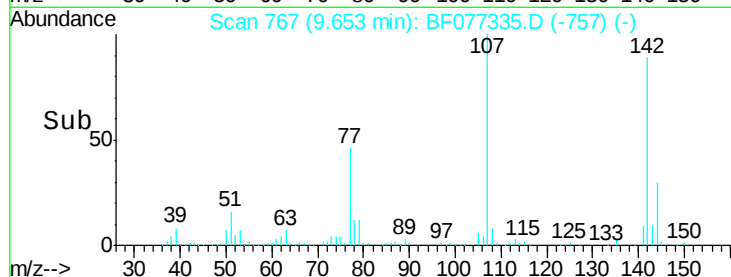
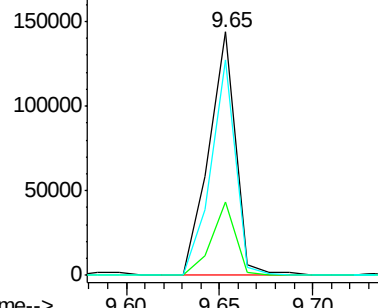
#36
 4-Chloro-3-methylphenol
 Concen: 45.56 ng
 RT: 9.65 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion:107 Resp: 146444
 Ion Ratio Lower Upper
 107 100
 144 29.9 17.8 26.6#
 142 88.6 55.7 83.5#

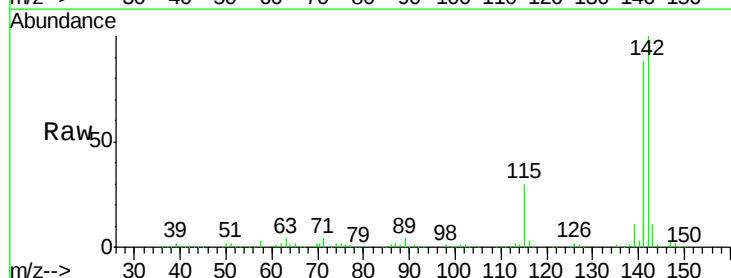


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

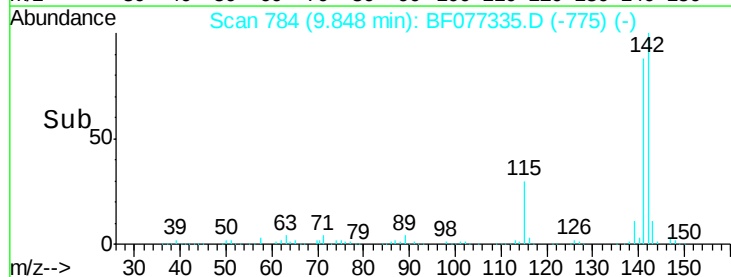
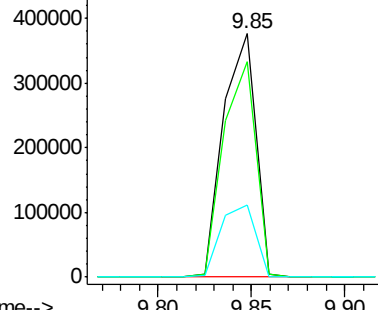


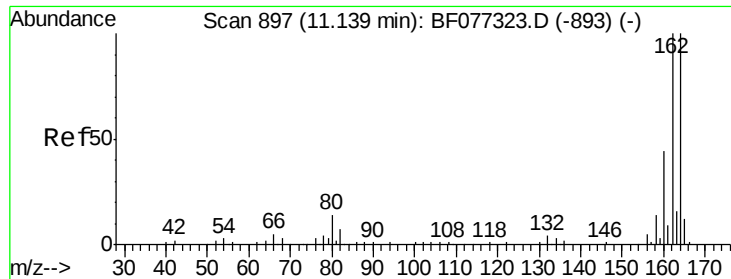
#37
 2-Methylnaphthalene
 Concen: 54.97 ng
 RT: 9.85 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion:142 Resp: 453566
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.2 106.8
 115 29.6 23.8 35.8



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

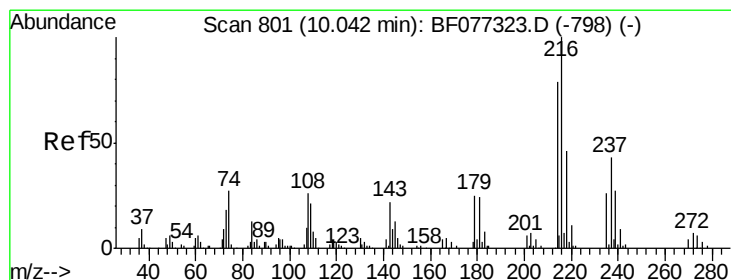
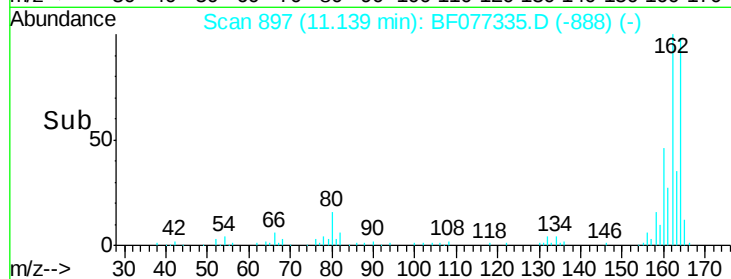
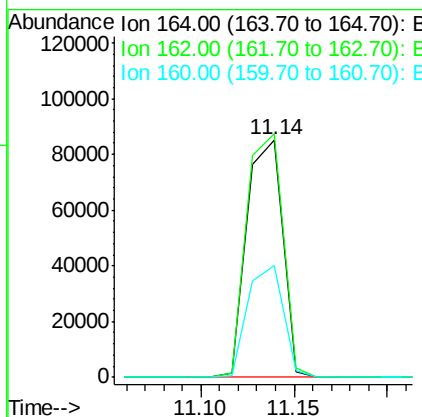
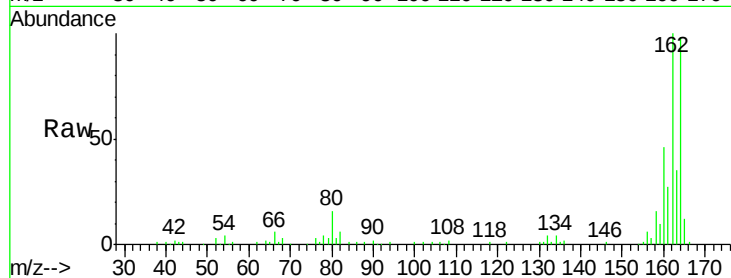




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

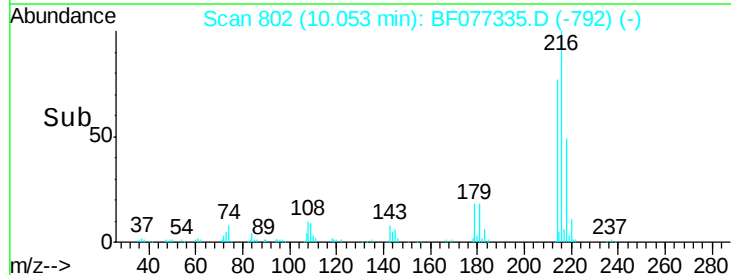
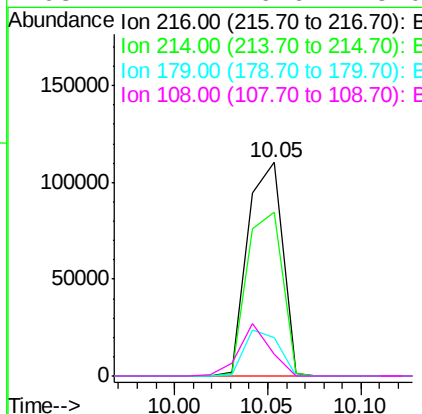
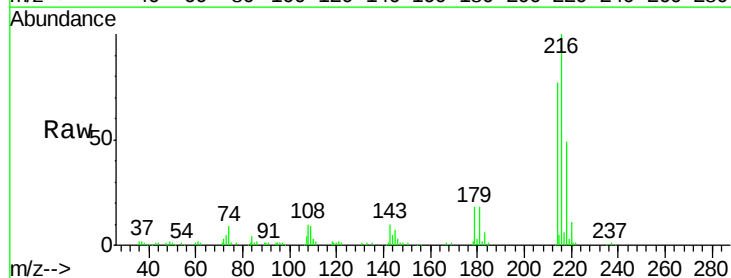
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

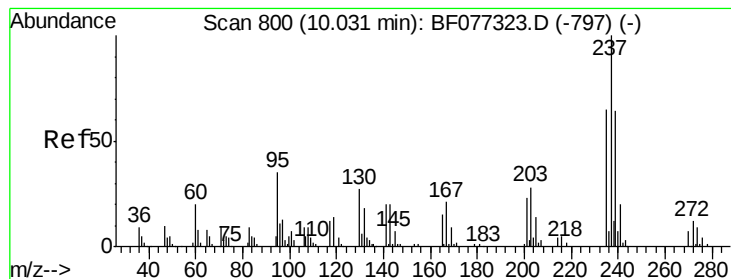
Tgt Ion:164 Resp: 113415
Ion Ratio Lower Upper
164 100
162 102.4 80.4 120.6
160 47.2 35.3 52.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.50 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion:216 Resp: 142472
Ion Ratio Lower Upper
216 100
214 78.4 62.5 93.7
179 21.1 17.6 26.4
108 21.7 16.6 25.0





#40

Hexachlorocyclopentadiene

Concen: 89.58 ng

RT: 10.03 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

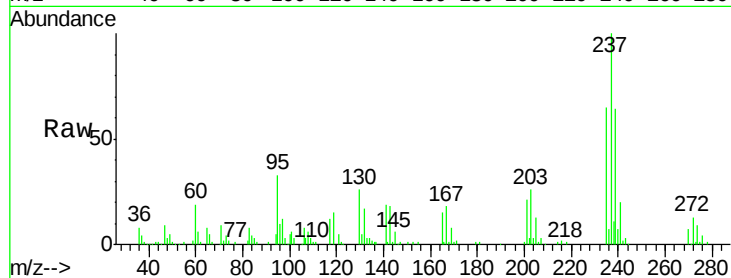
Tgt Ion: 237 Resp: 145844

Ion Ratio Lower Upper

237 100

235 65.1 44.5 84.5

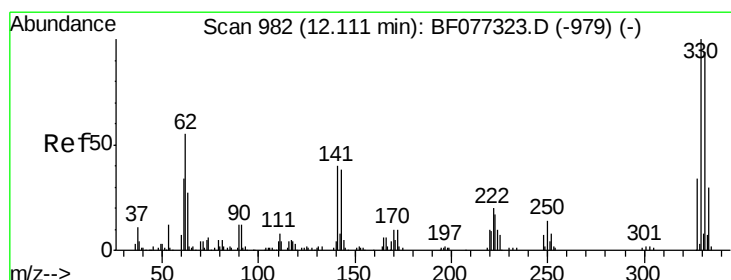
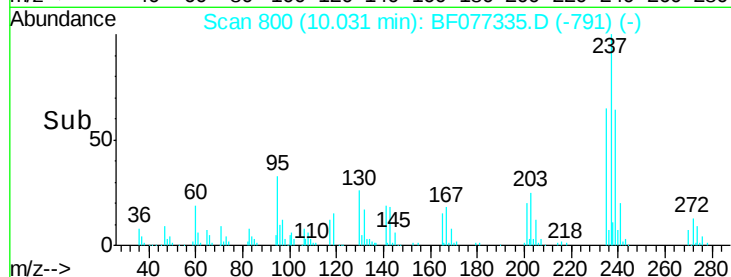
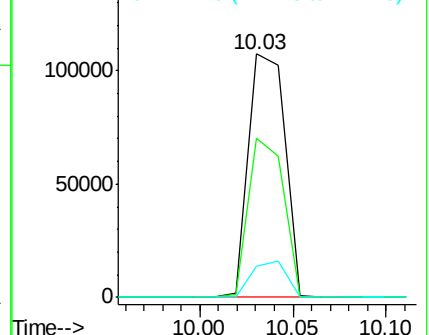
272 12.7 0.0 32.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 142.77 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

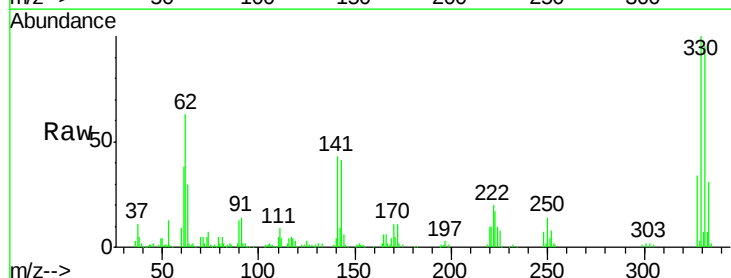
Tgt Ion: 330 Resp: 150967

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

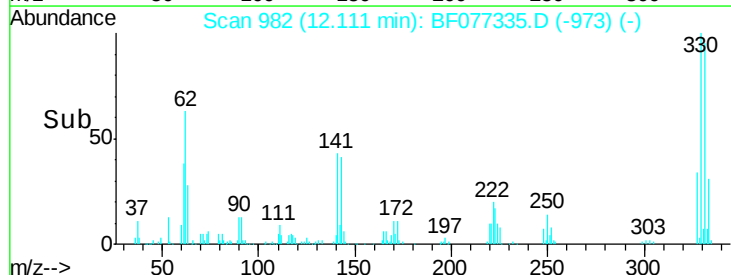
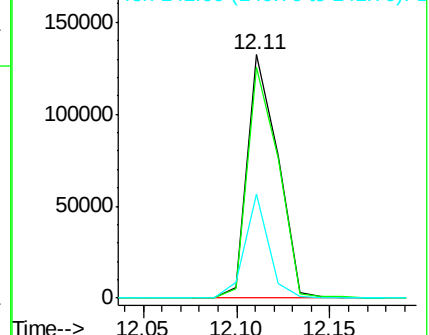
141 33.9 28.5 42.7

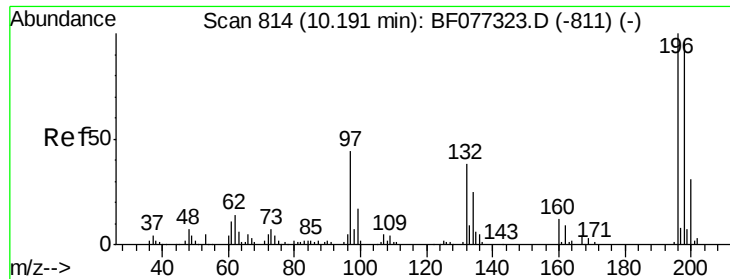


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

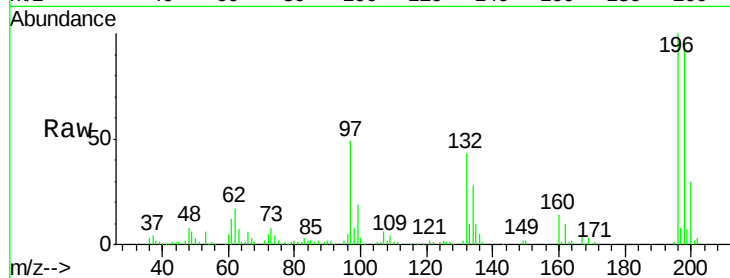




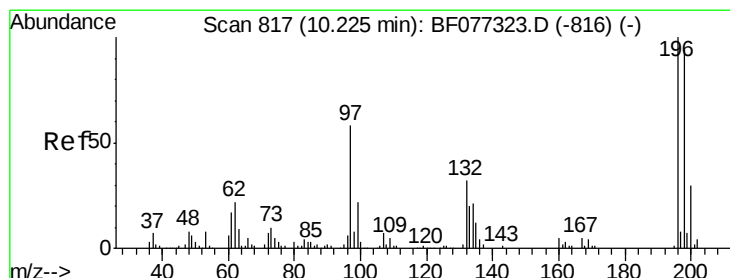
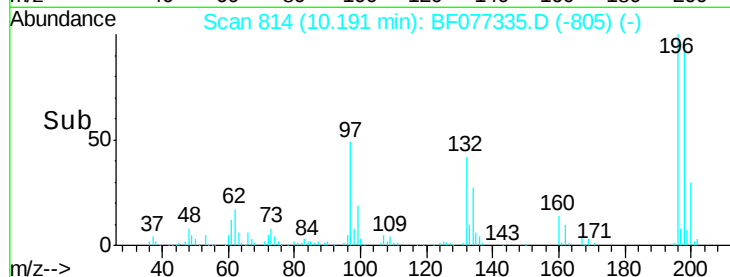
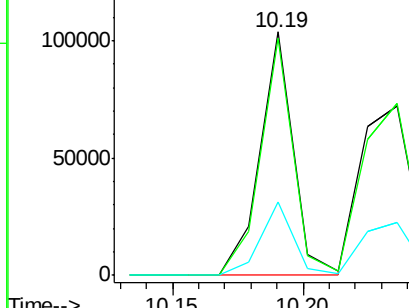
#42
2,4,6-Trichlorophenol
Concen: 50.68 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

Tgt Ion:196 Resp: 92990
Ion Ratio Lower Upper
196 100
198 97.4 76.7 115.1
200 30.4 24.7 37.1

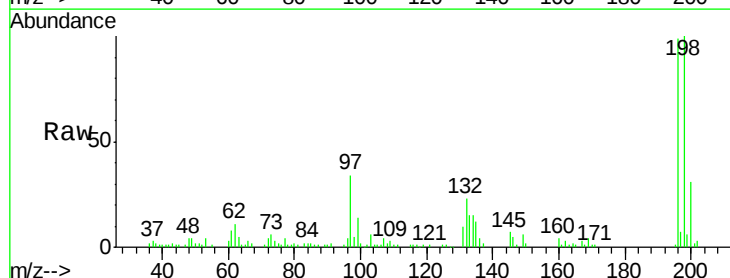


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

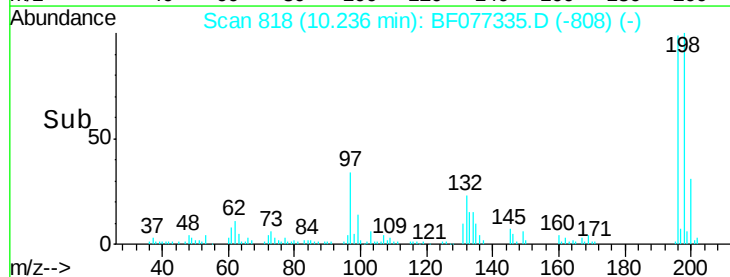
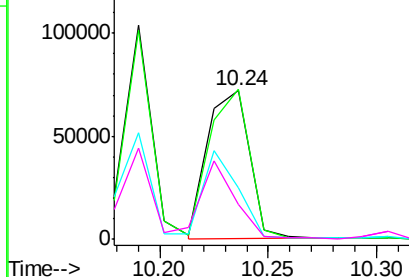


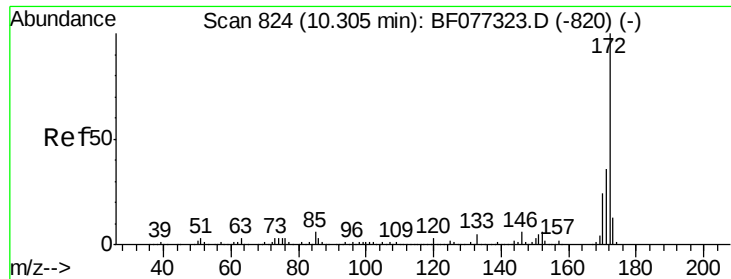
#43
2,4,5-Trichlorophenol
Concen: 48.98 ng
RT: 10.24 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion:196 Resp: 96086
Ion Ratio Lower Upper
196 100
198 101.4 75.1 112.7
97 34.9 48.8 73.2#
132 23.4 26.2 39.4#



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

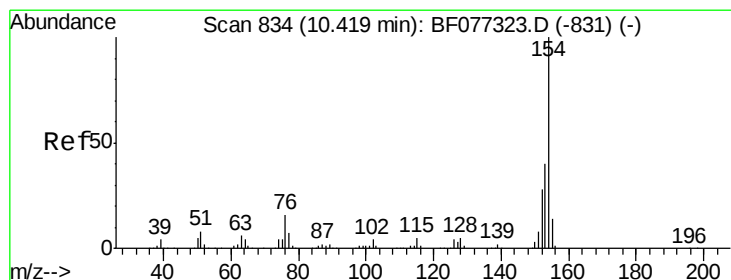
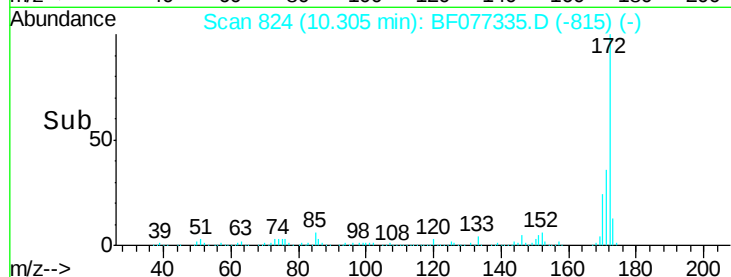
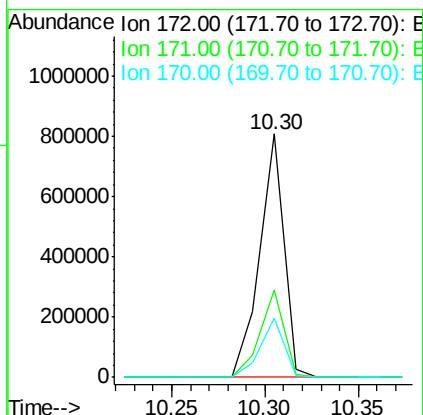
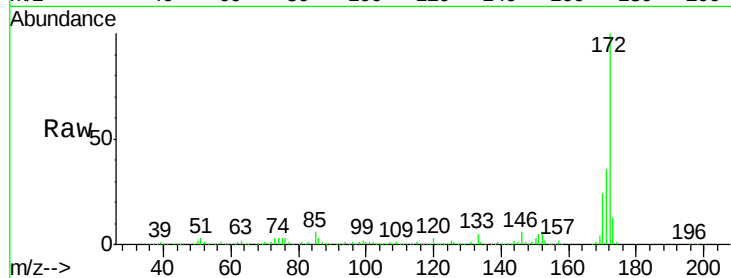




#44
2-Fluorobiphenyl
Concen: 95.98 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

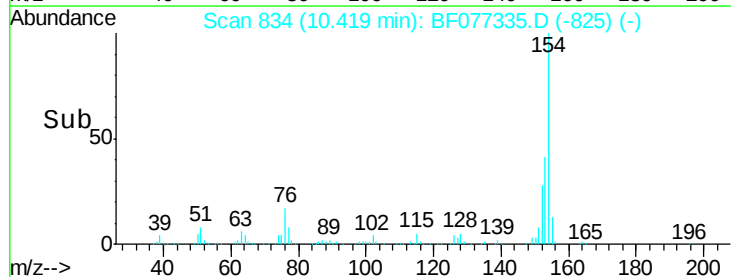
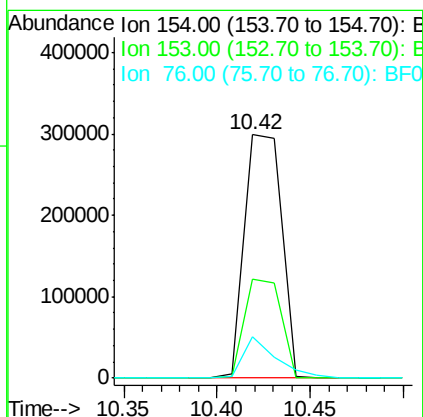
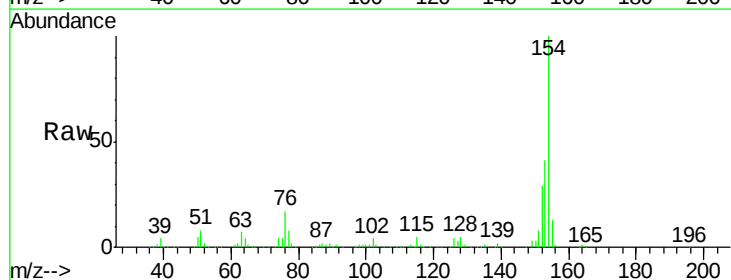
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

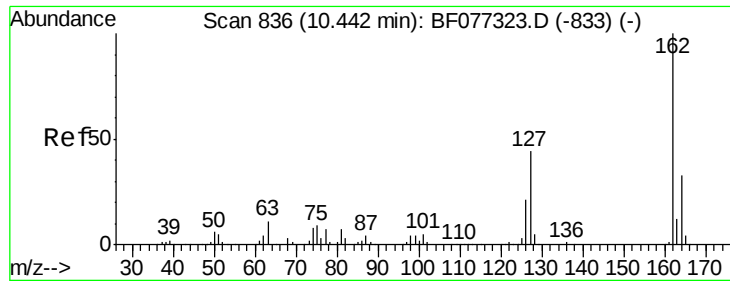
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.1	19.4	29.2



#45
1,1'-Biphenyl
Concen: 45.53 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	16.8	0.0	35.9

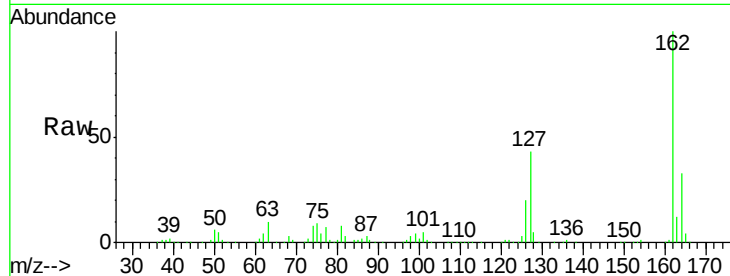




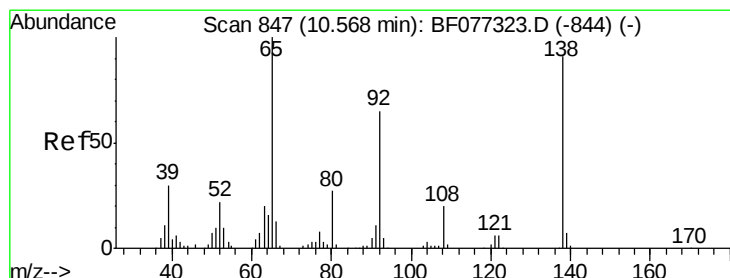
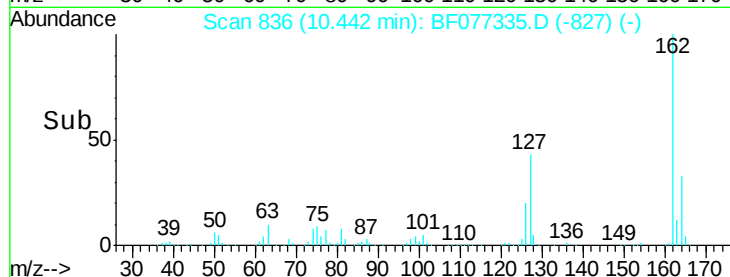
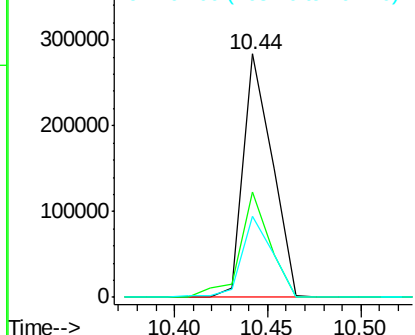
#46
 2-Chloronaphthalene
 Concen: 45.58 ng
 RT: 10.44 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion: 162 Resp: 306193
 Ion Ratio Lower Upper
 162 100
 127 43.4 35.4 53.0
 164 33.0 26.2 39.2

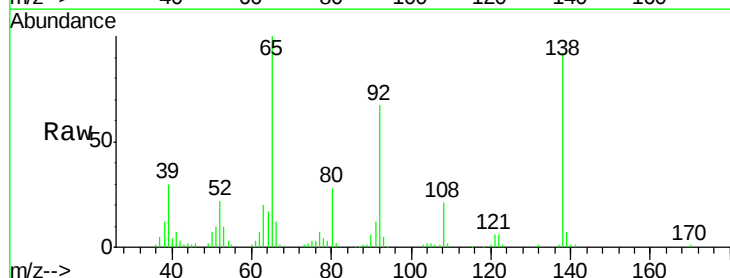


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

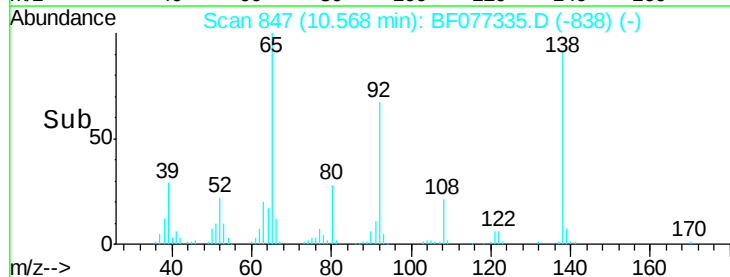
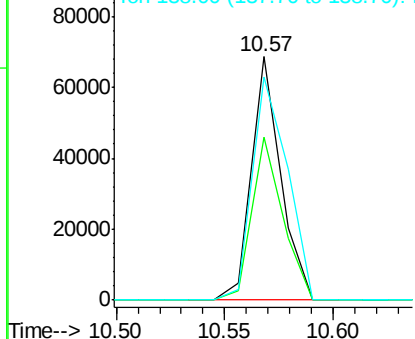


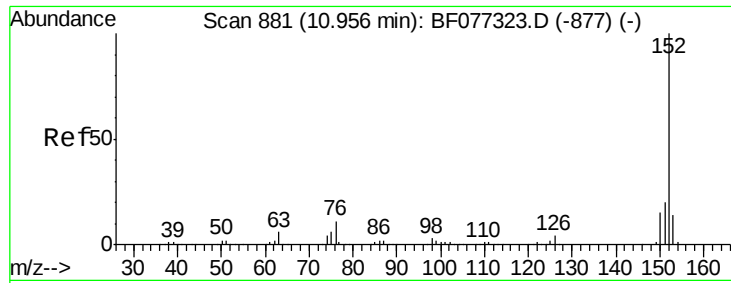
#47
 2-Nitroaniline
 Concen: 45.15 ng
 RT: 10.57 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion: 65 Resp: 64516
 Ion Ratio Lower Upper
 65 100
 92 66.7 52.3 78.5
 138 91.7 73.2 109.8



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: 46.16 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

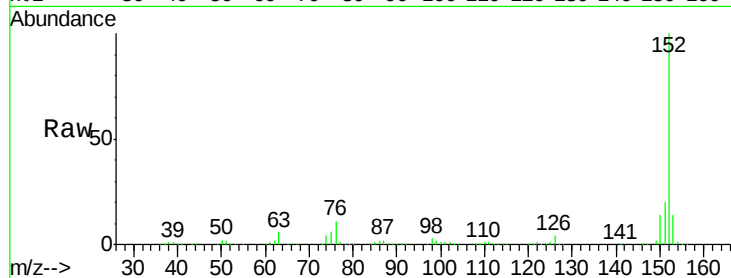
Tgt Ion:152 Resp: 511231

Ion Ratio Lower Upper

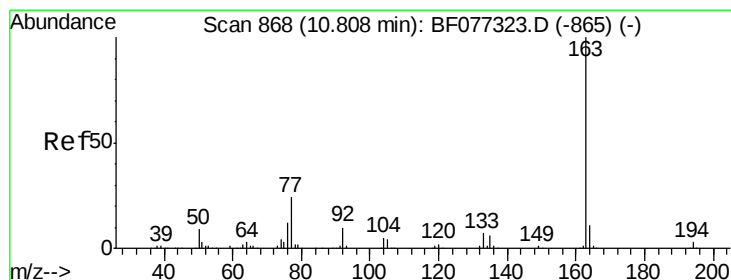
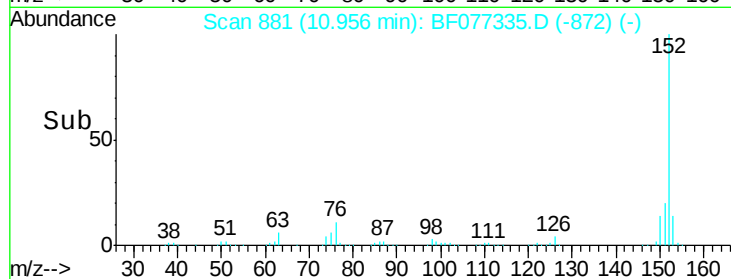
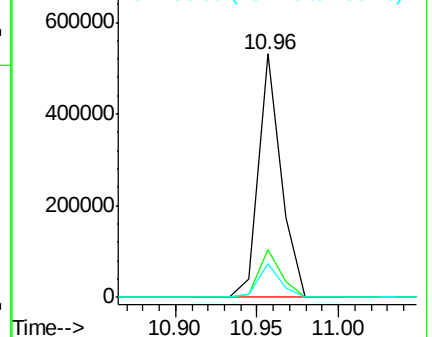
152 100

151 19.9 16.3 24.5

153 13.6 10.9 16.3



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: 48.58 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

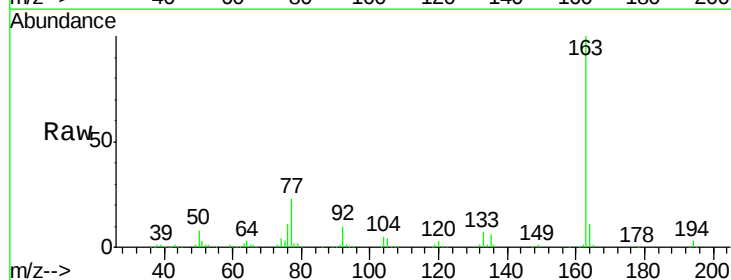
Tgt Ion:163 Resp: 379161

Ion Ratio Lower Upper

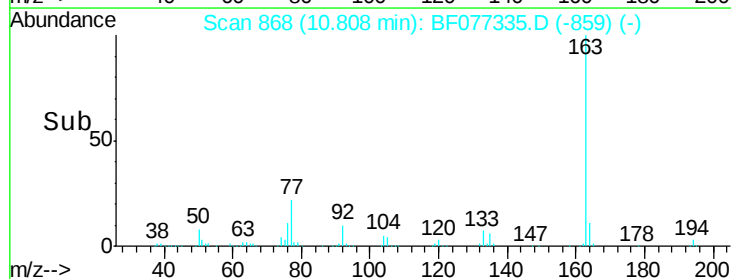
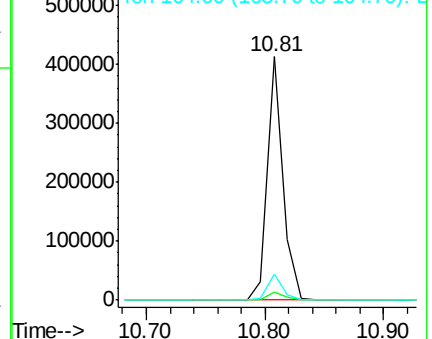
163 100

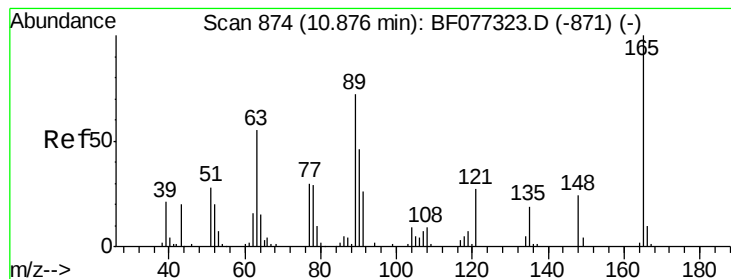
194 3.3 2.6 3.8

164 10.6 8.4 12.6



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

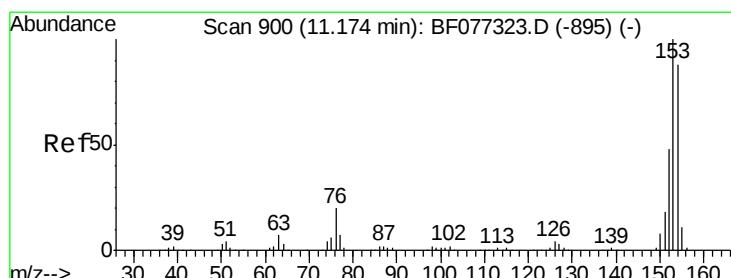
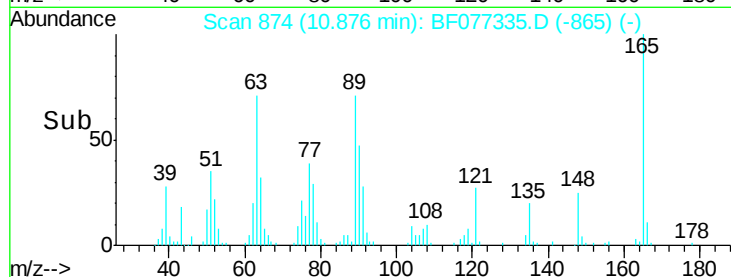
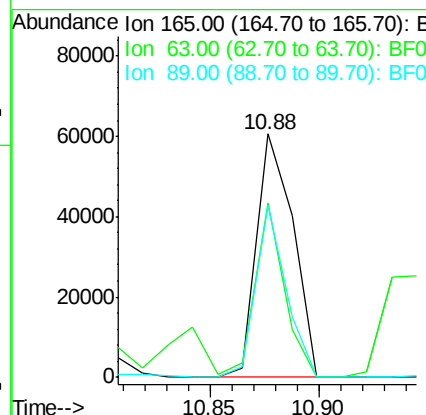
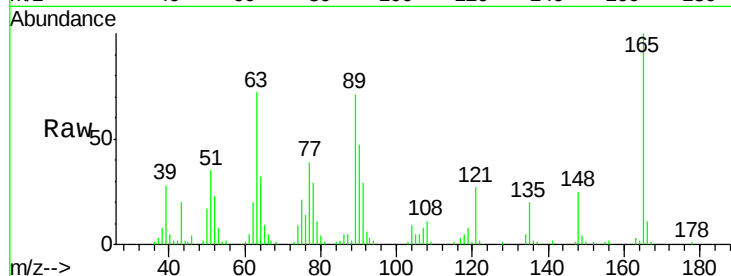




#50
 2,6-Dinitrotoluene
 Concen: 49.11 ng
 RT: 10.88 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

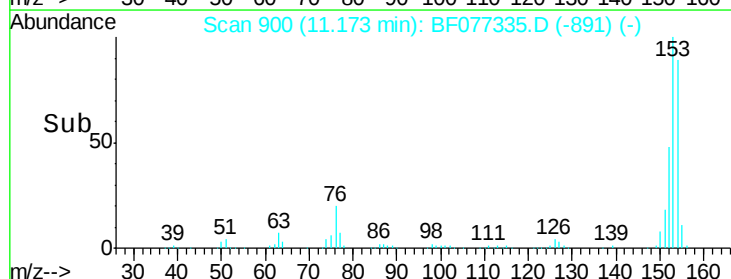
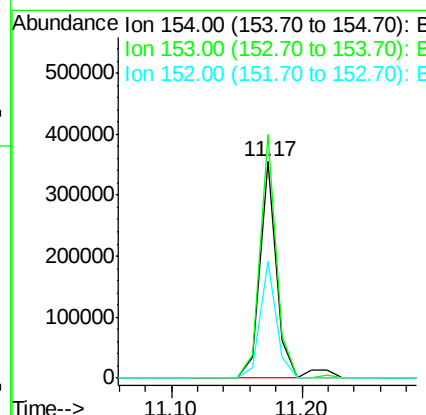
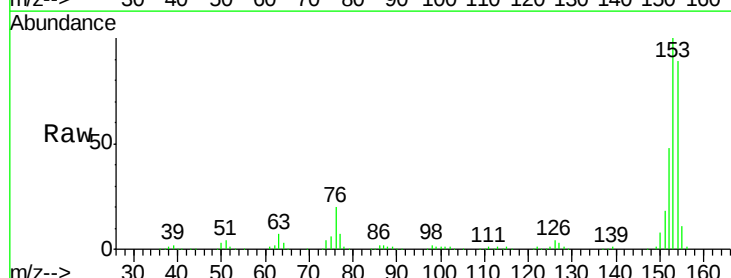
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

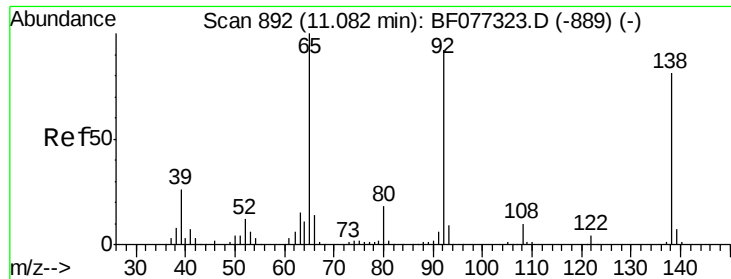
Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.9	57.2	85.8
89	70.7	57.8	86.6



#51
 Acenaphthene
 Concen: 49.95 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.9	136.3
152	54.1	43.5	65.3





#52

3-Nitroaniline

Concen: 4.11 ng

RT: 11.08 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

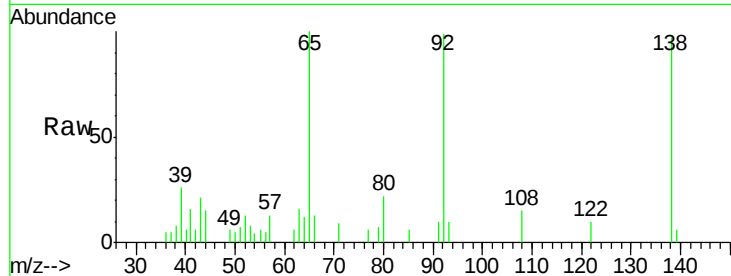
Tgt Ion:138 Resp: 7095

Ion Ratio Lower Upper

138 100

108 15.4 10.2 15.2#

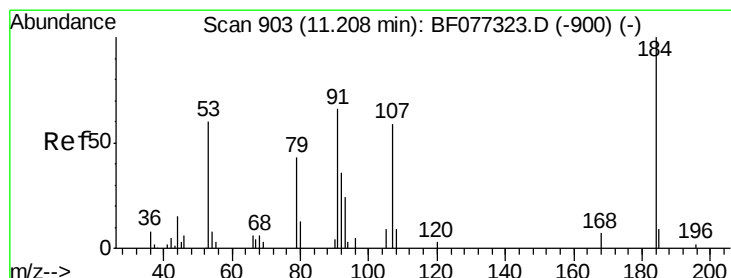
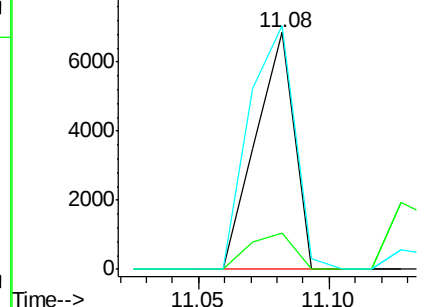
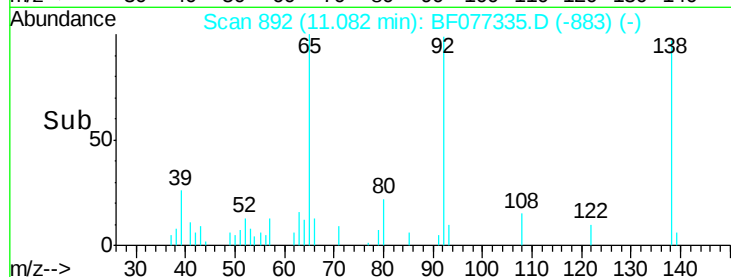
92 102.7 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 135.36 ng

RT: 11.22 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

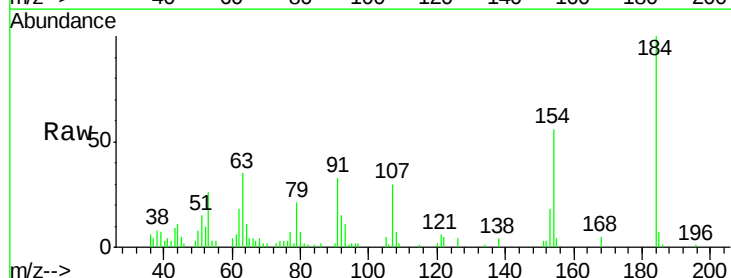
Tgt Ion:184 Resp: 30429

Ion Ratio Lower Upper

184 100

63 35.5 69.3 103.9#

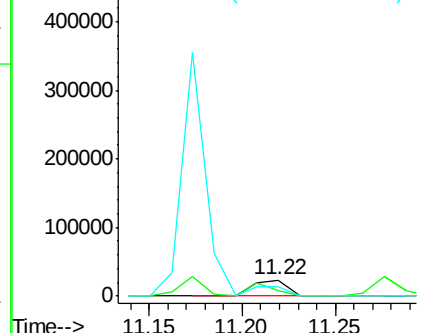
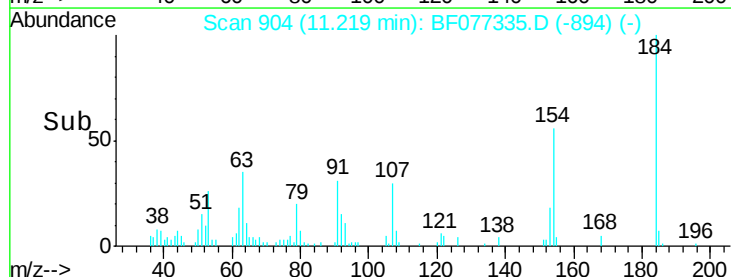
154 55.5 56.3 84.5#

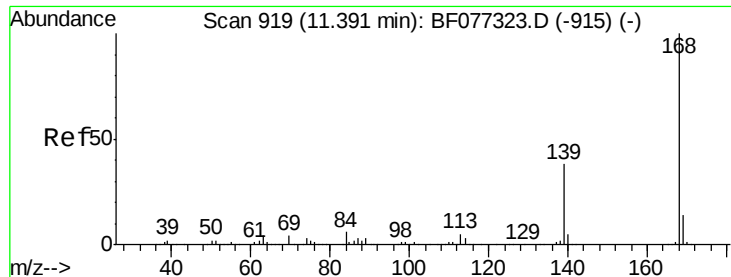


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

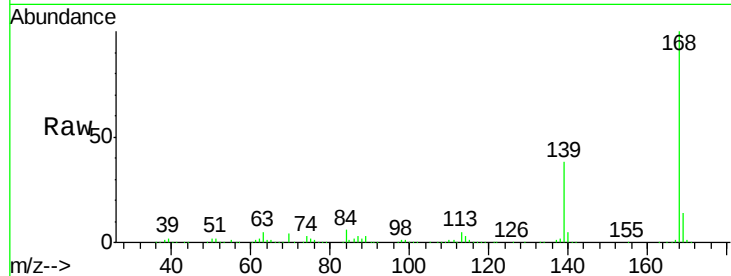




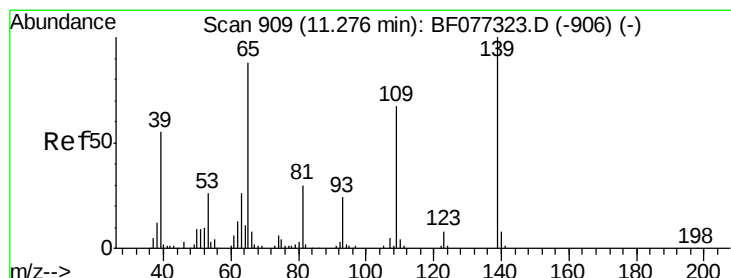
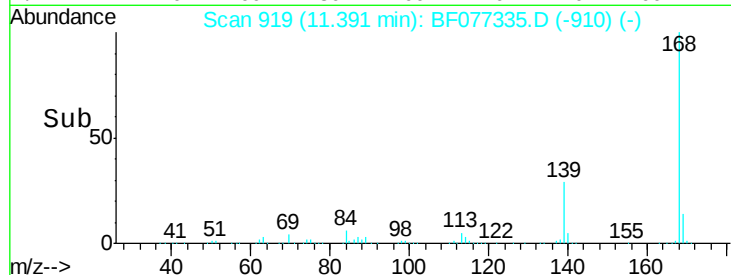
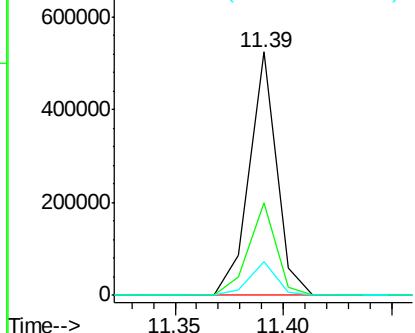
#54
Dibenzenofuran
Concen: 46.20 ng
RT: 11.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

Tgt Ion:168 Resp: 460661
Ion Ratio Lower Upper
168 100
139 37.9 30.6 45.8
169 13.7 11.0 16.4

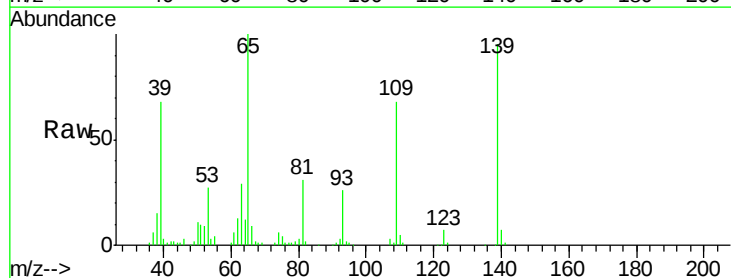


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

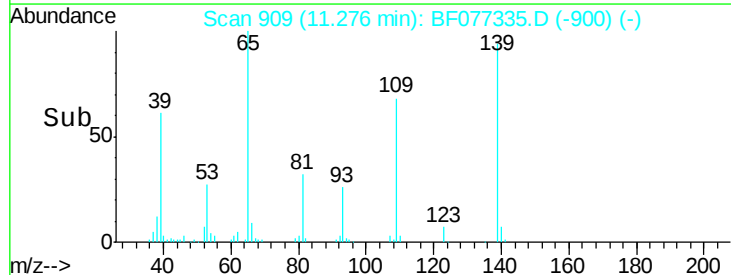
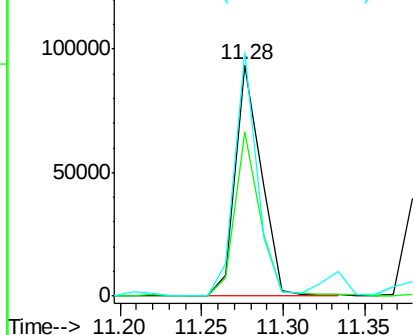


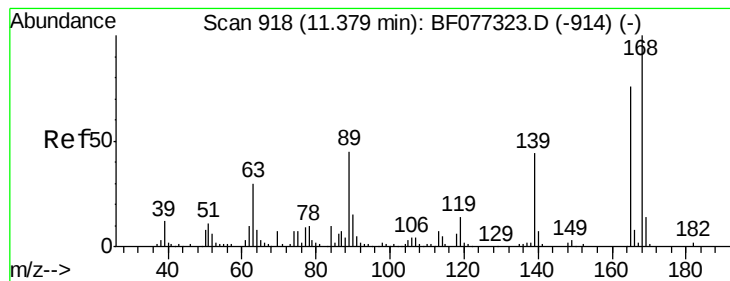
#55
4-Nitrophenol
Concen: 88.15 ng
RT: 11.28 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion:139 Resp: 103203
Ion Ratio Lower Upper
139 100
109 71.2 47.5 87.5
65 105.3 67.8 107.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 54.13 ng

RT: 11.38 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

Tgt Ion:165 Resp: 98569

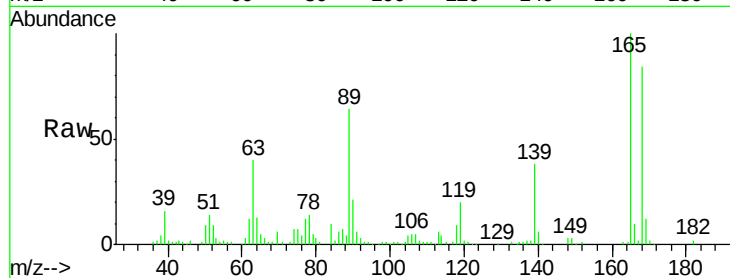
Ion Ratio Lower Upper

165 100

63 40.0 31.6 47.4

89 64.2 48.1 72.1

182 2.4 1.9 2.9

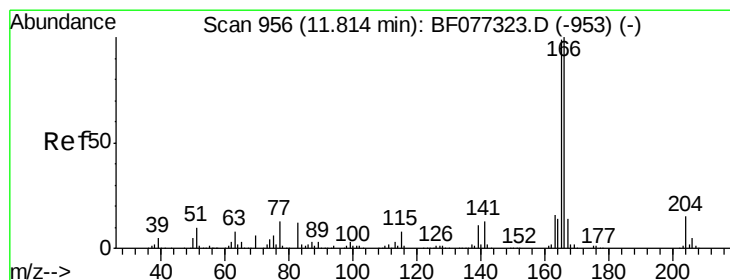
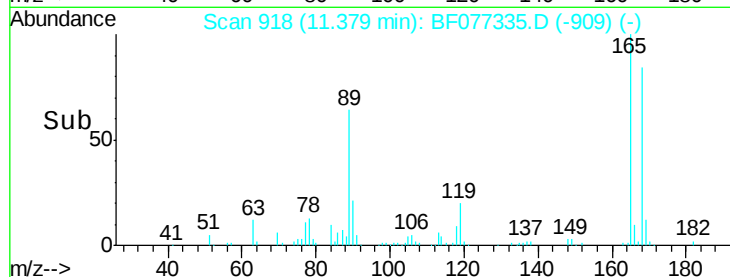
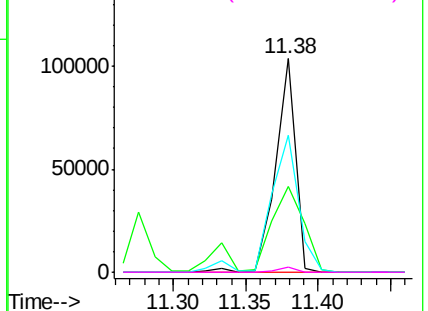


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 48.71 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

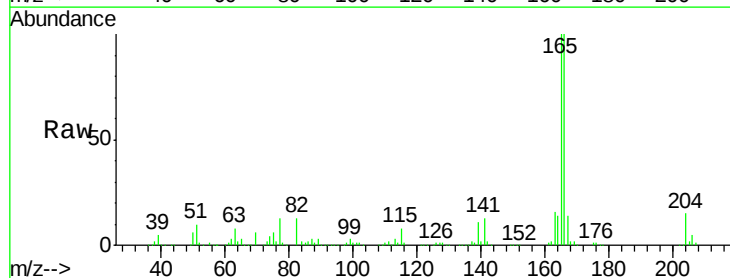
Tgt Ion:166 Resp: 381088

Ion Ratio Lower Upper

166 100

165 100.1 79.2 118.8

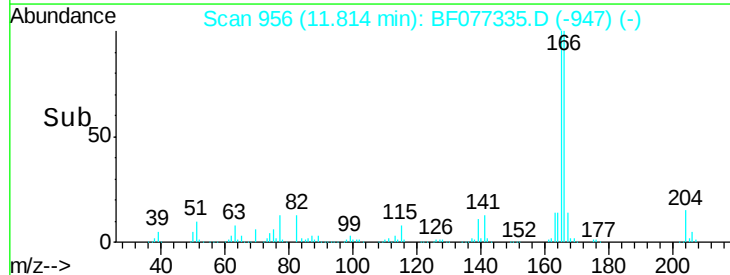
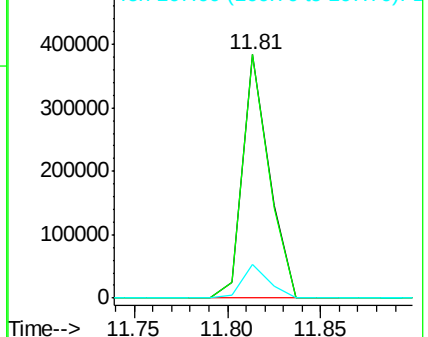
167 13.8 11.0 16.6

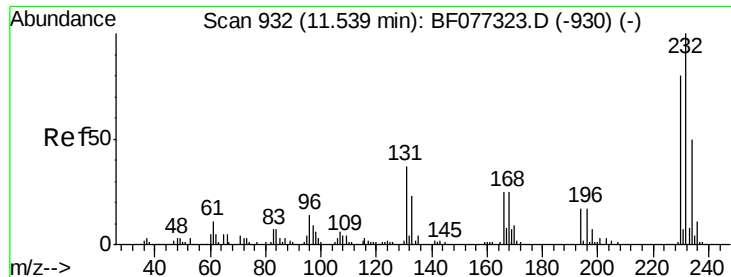


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

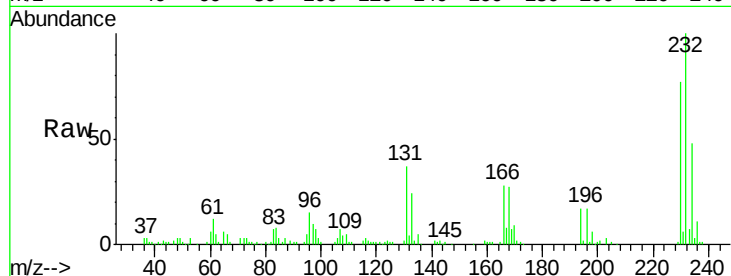




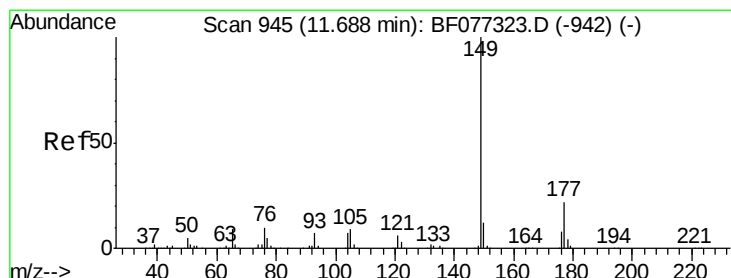
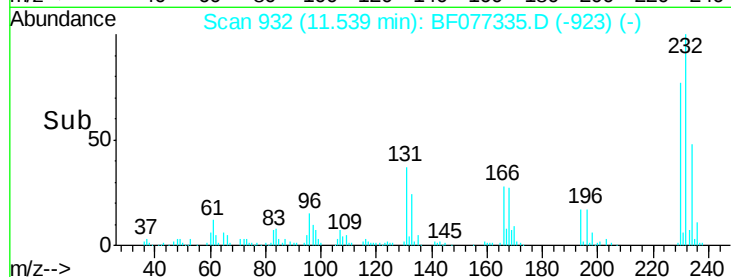
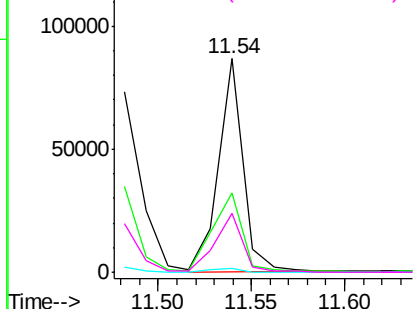
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.32 ng
 RT: 11.54 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion: 232 Resp: 78926
 Ion Ratio Lower Upper
 232 100
 131 45.0 37.5 56.3
 130 2.3 1.7 2.5
 166 30.8 24.0 36.0

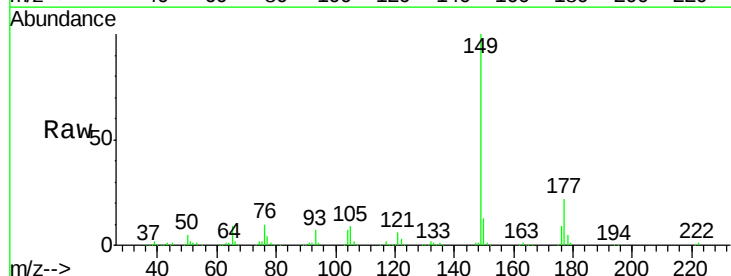


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

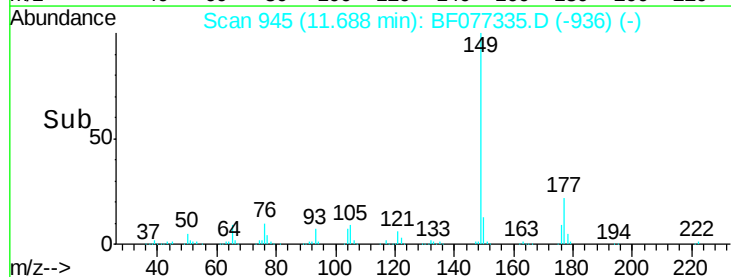
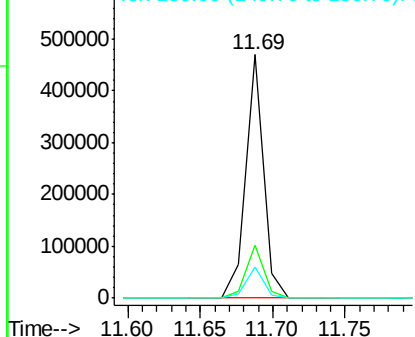


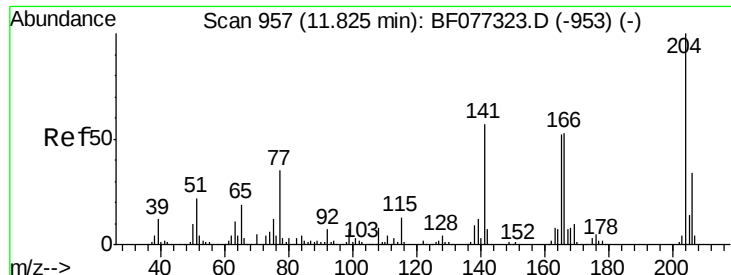
#59
 Diethylphthalate
 Concen: 49.67 ng
 RT: 11.69 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion: 149 Resp: 403604
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.5 26.3
 150 12.7 9.9 14.9



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

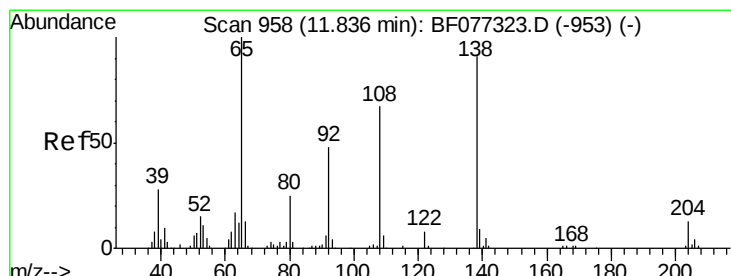
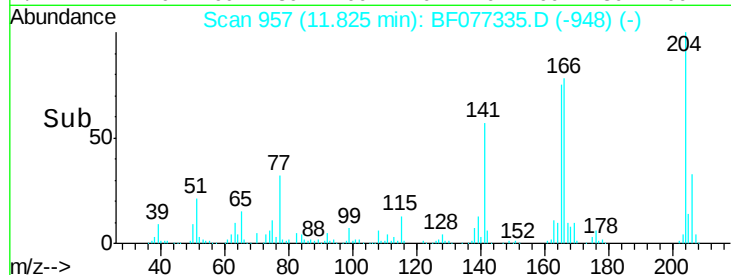
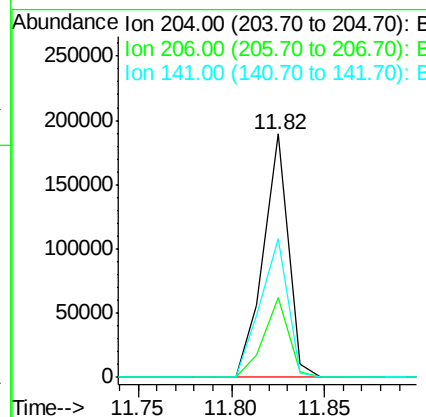
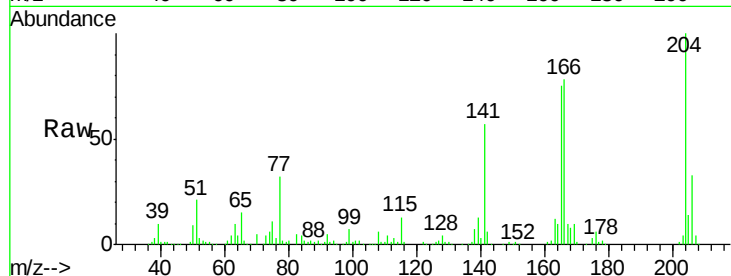




#60
 4-Chlorophenyl-phenylether
 Concen: 46.28 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

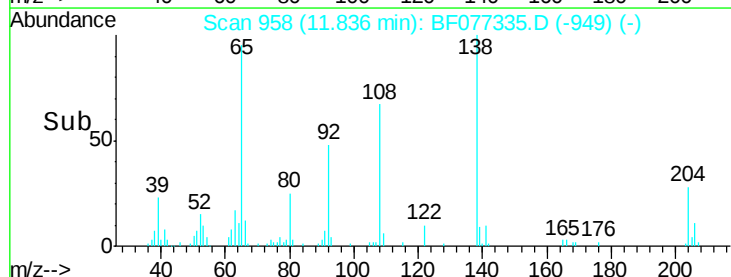
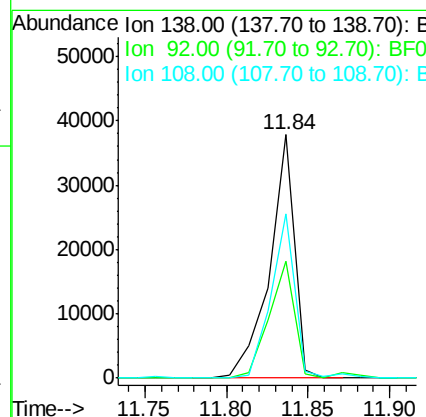
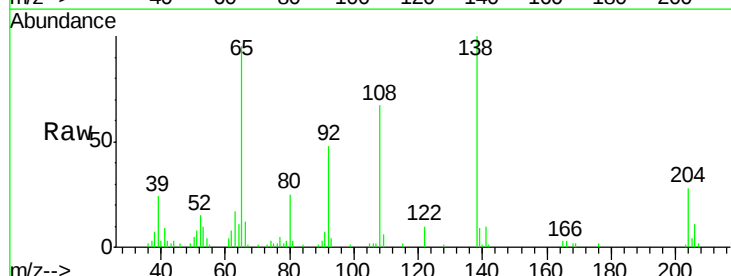
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

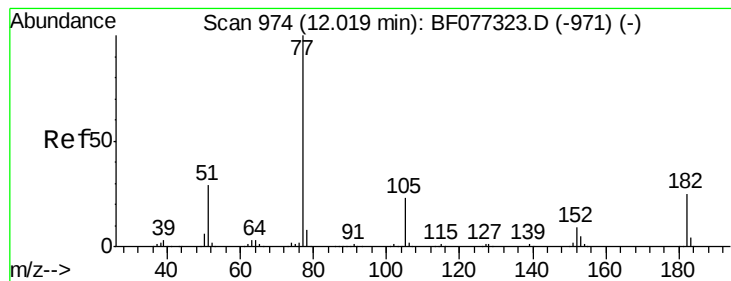
Tgt Ion:	204	Resp:	176137
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.8	40.2
141	56.8	45.3	67.9



#61
 4-Nitroaniline
 Concen: 24.97 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion:	138	Resp:	40174
Ion	Ratio	Lower	Upper
138	100		
92	48.0	32.7	72.7
108	67.3	53.9	93.9





#62

Azobenzene

Concen: 42.71 ng

RT: 12.02 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

Tgt Ion: 77 Resp: 343761

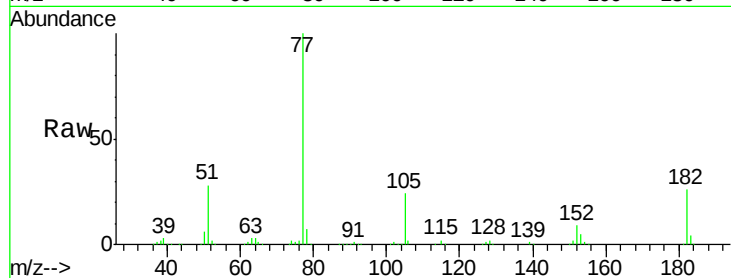
Ion Ratio Lower Upper

77 100

182 25.7 5.0 45.0

105 23.8 3.3 43.3

51 27.7 9.1 49.1

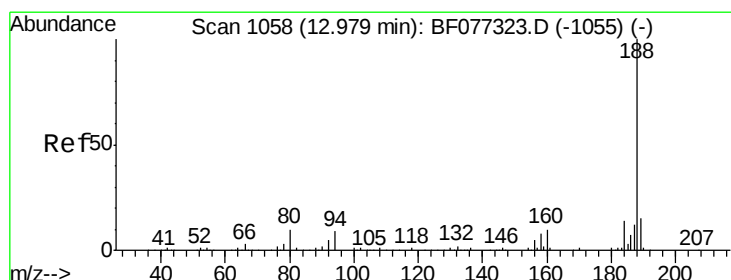
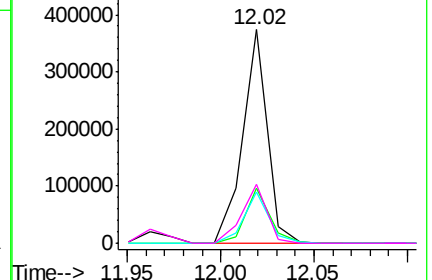
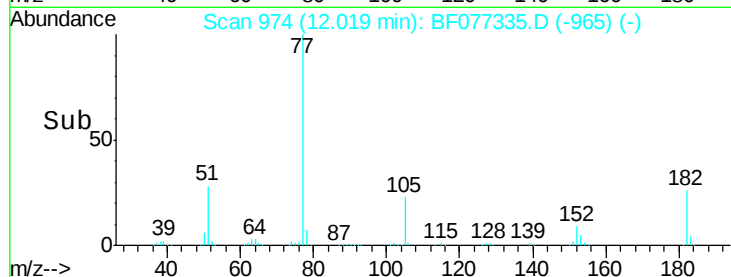


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.98 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

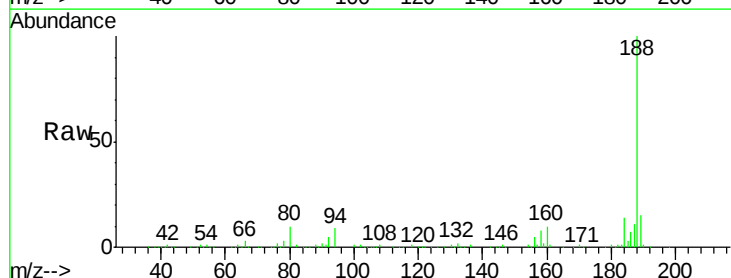
Tgt Ion: 188 Resp: 231732

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

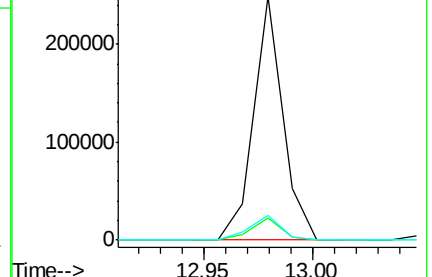
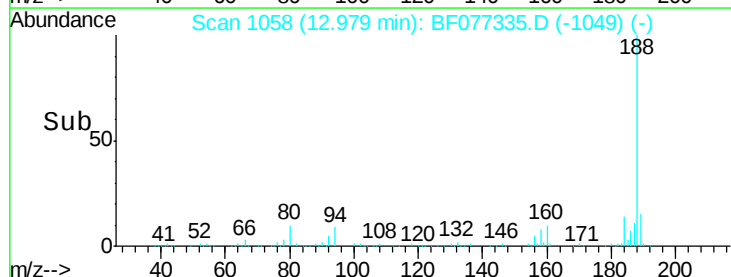
80 10.3 7.8 11.8

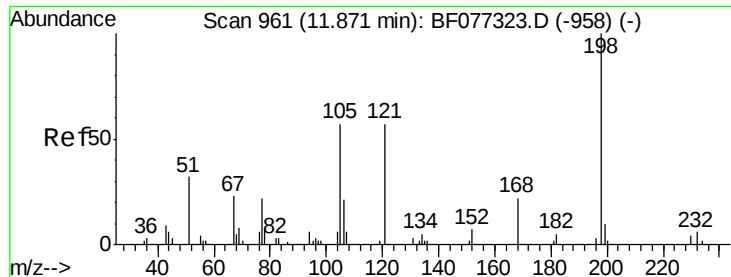


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

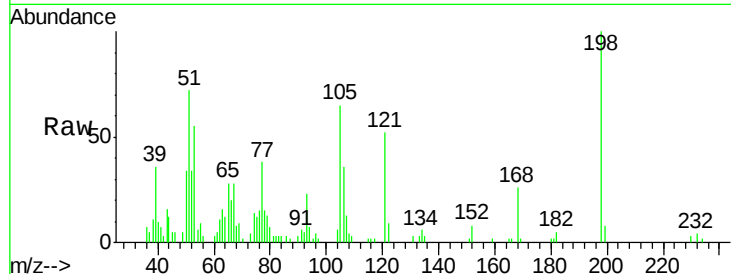




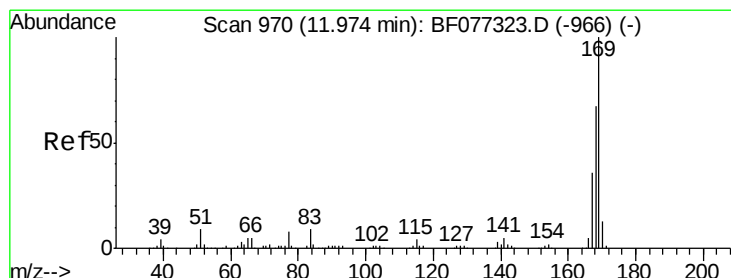
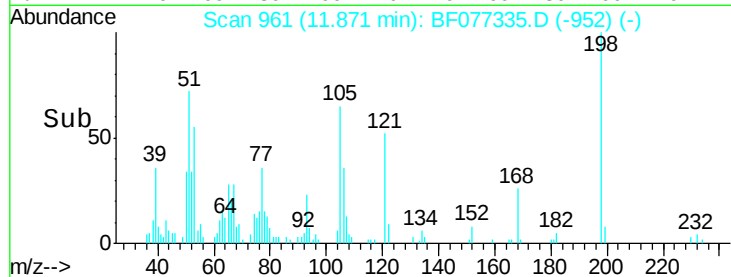
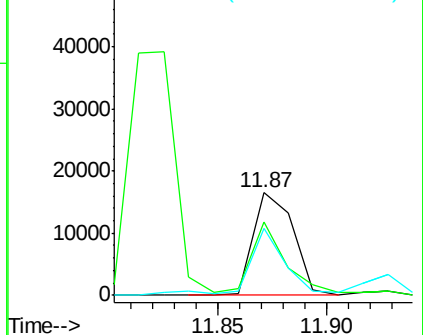
#64
4,6-Dinitro-2-methylphenol
Concen: 50.22 ng
RT: 11.87 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

Tgt Ion:198 Resp: 21292
Ion Ratio Lower Upper
198 100
51 72.3 54.6 94.6
105 65.0 45.4 85.4

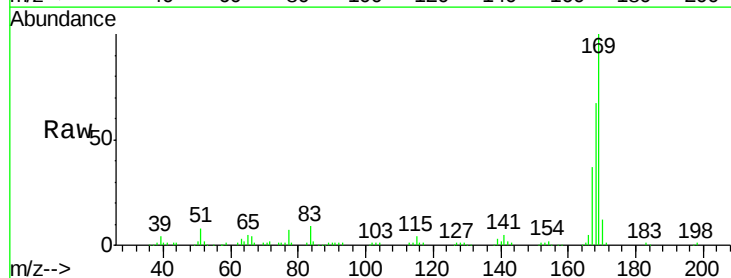


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

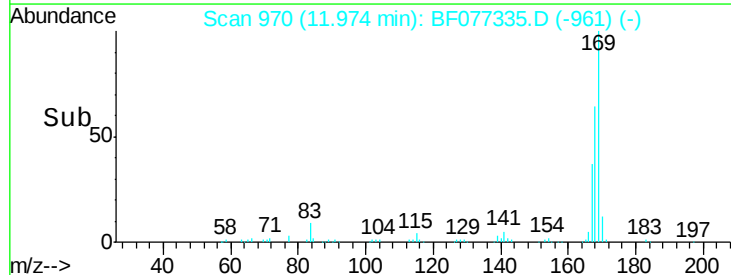
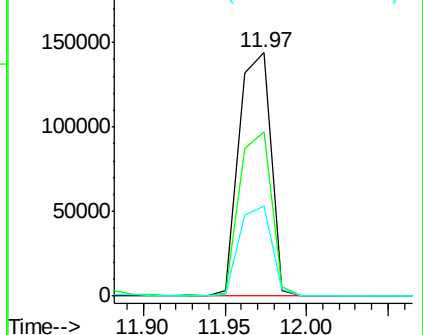


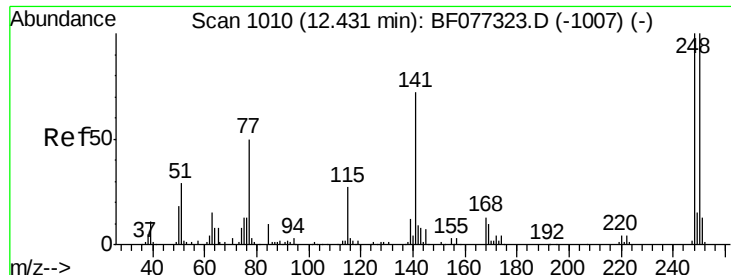
#65
n-Nitrosodiphenylamine
Concen: 25.70 ng
RT: 11.97 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion:169 Resp: 194243
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 37.1 29.1 43.7



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

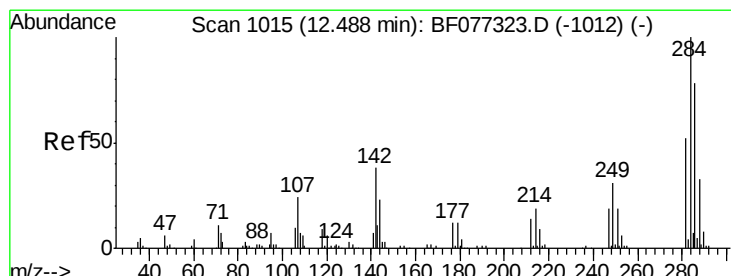
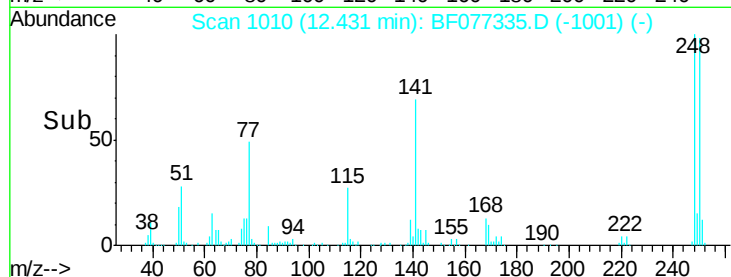
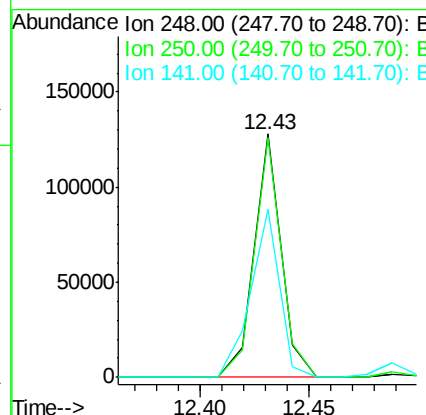
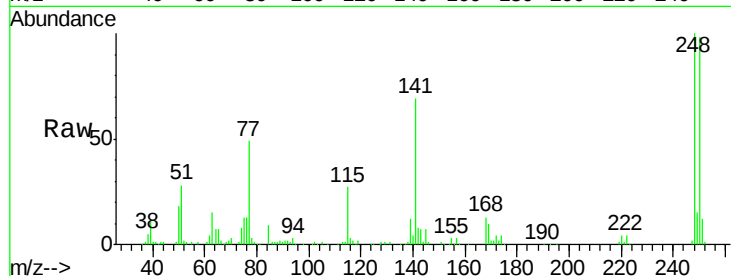




#66
 4-Bromophenyl-phenylether
 Concen: 42.71 ng
 RT: 12.43 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

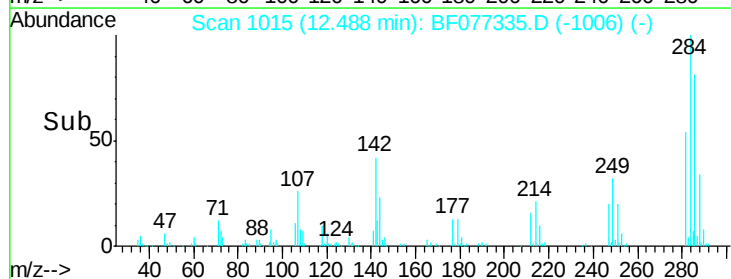
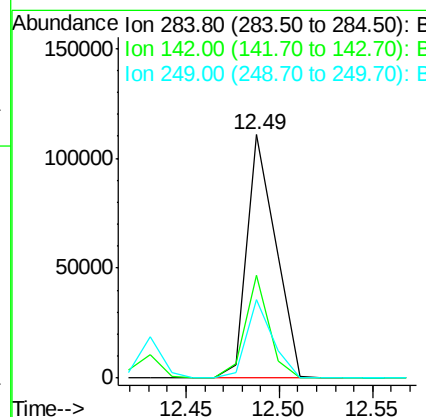
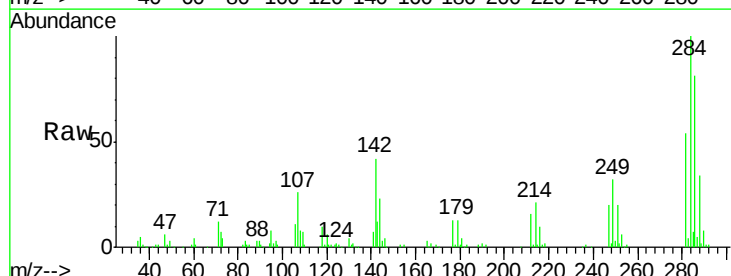
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

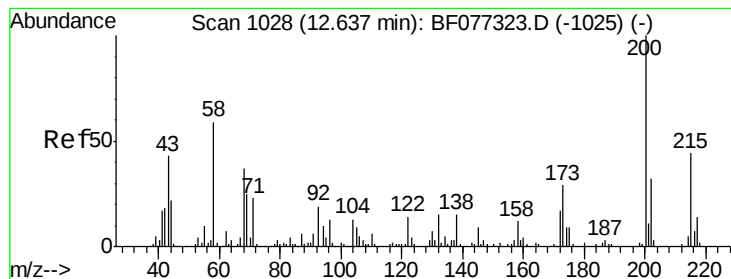
Tgt Ion:248 Resp: 110337
 Ion Ratio Lower Upper
 248 100
 250 98.4 80.2 120.4
 141 69.1 57.5 86.3



#67
 Hexachlorobenzene
 Concen: 40.38 ng
 RT: 12.49 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion:284 Resp: 118351
 Ion Ratio Lower Upper
 284 100
 142 42.5 30.8 46.2
 249 32.2 24.6 36.8





#68

Atrazine

Concen: 22.93 ng

RT: 12.64 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

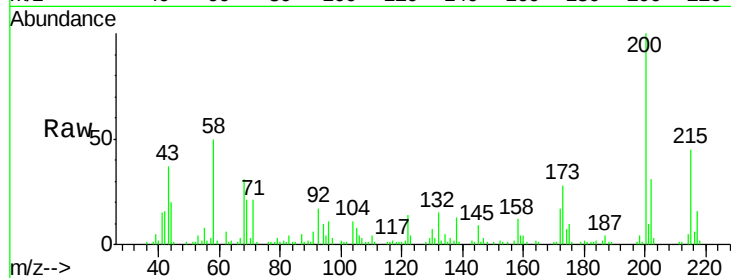
Tgt Ion: 200 Resp: 51798

Ion Ratio Lower Upper

200 100

173 27.6 9.2 49.2

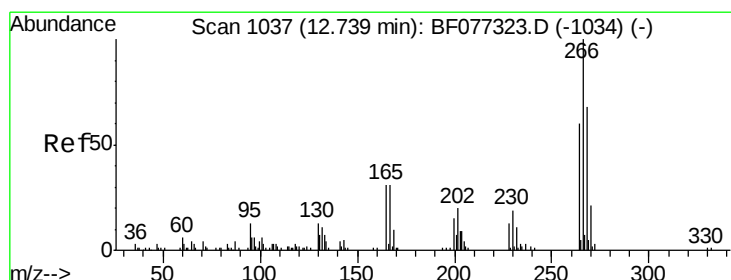
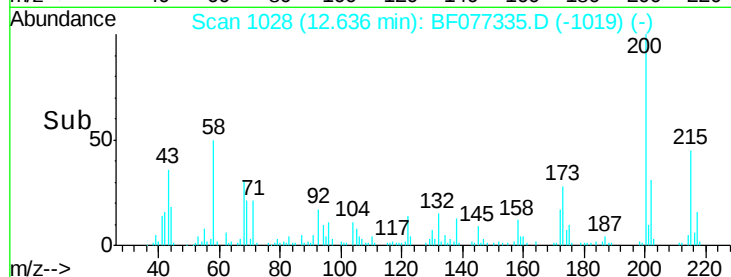
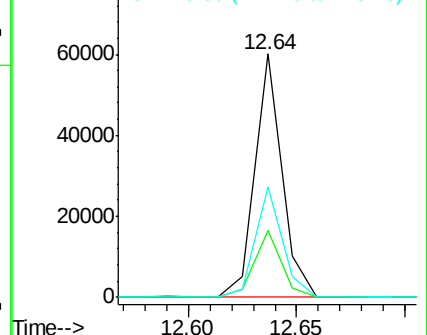
215 45.1 23.8 63.8



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: 95.42 ng

RT: 12.74 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

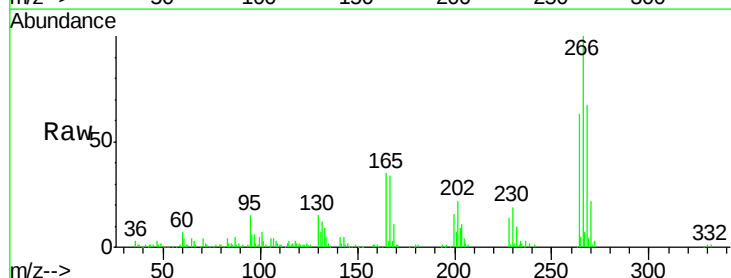
Tgt Ion: 266 Resp: 109872

Ion Ratio Lower Upper

266 100

268 67.4 54.0 81.0

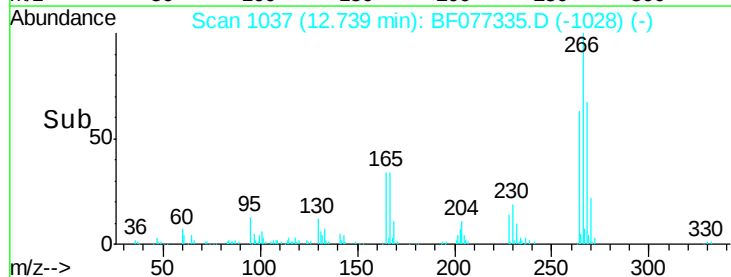
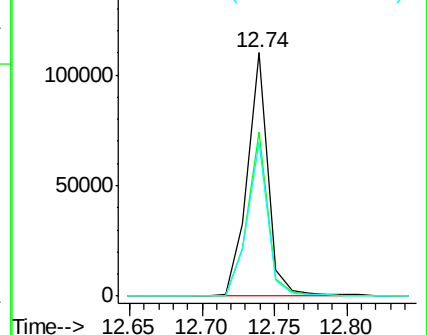
264 63.0 48.2 72.2

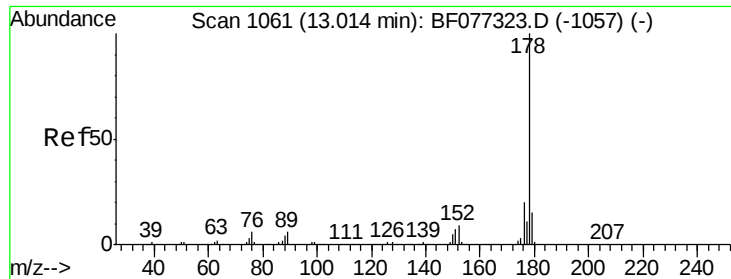


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

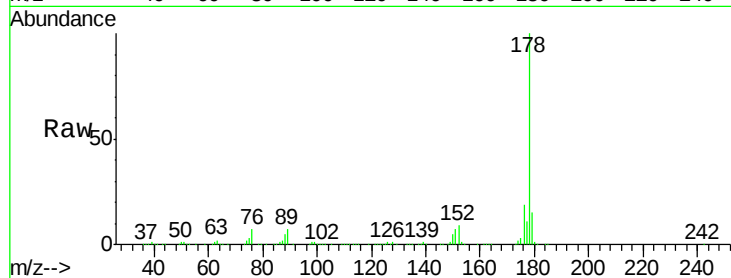




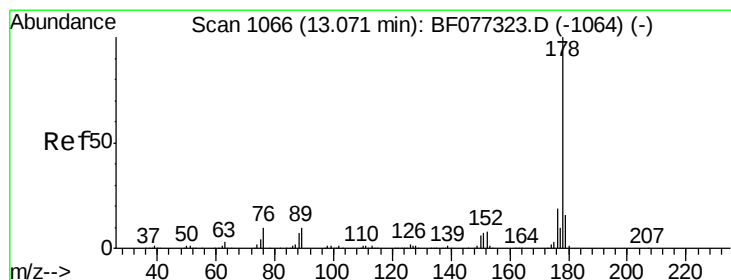
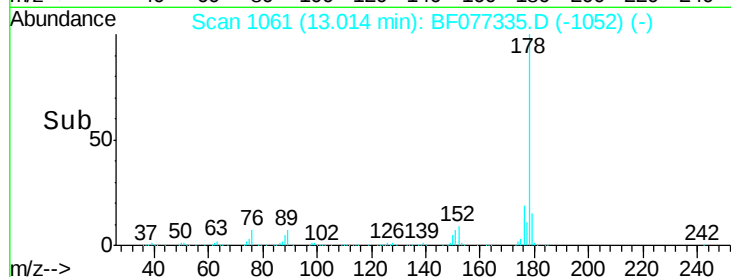
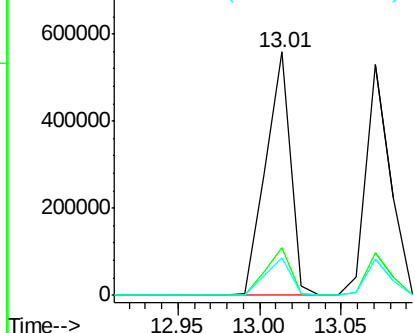
#70
Phenanthrene
Concen: 44.05 ng
RT: 13.01 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

Tgt Ion:178 Resp: 593176
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.5 12.3 18.5

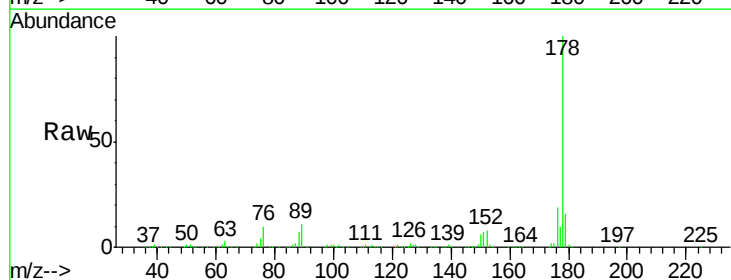


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

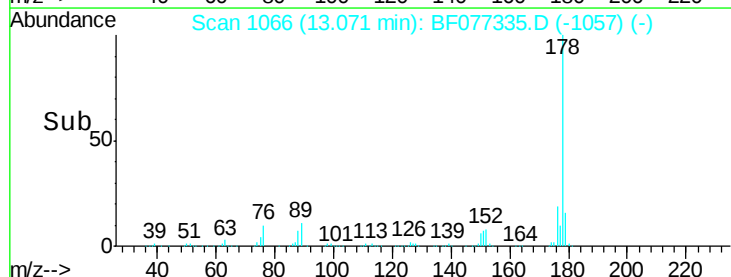
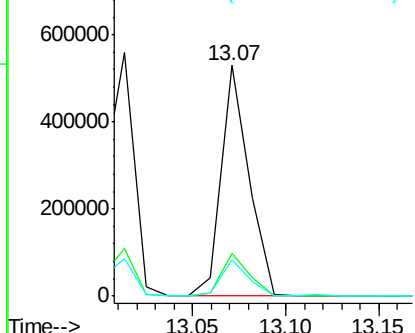


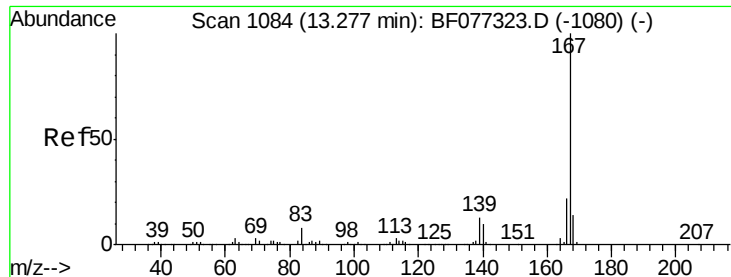
#71
Anthracene
Concen: 40.85 ng
RT: 13.07 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion:178 Resp: 546991
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.8 12.8 19.2



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





#72

Carbazole

Concen: 51.71 ng

RT: 13.28 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

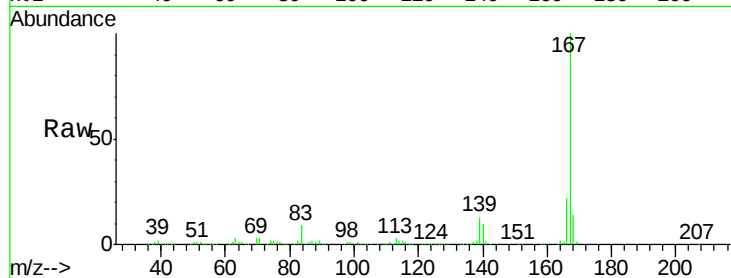
Tgt Ion:167 Resp: 608751

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.4 10.6 15.8

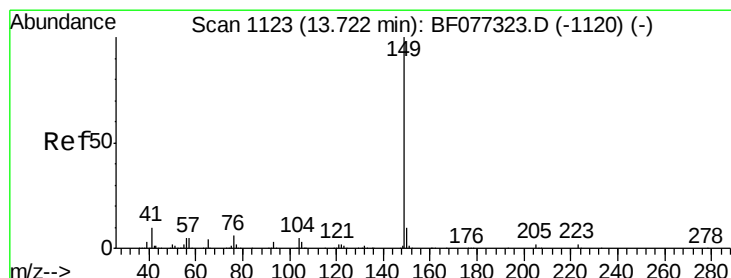
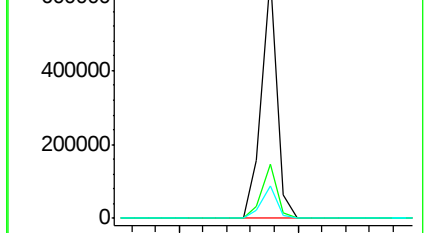
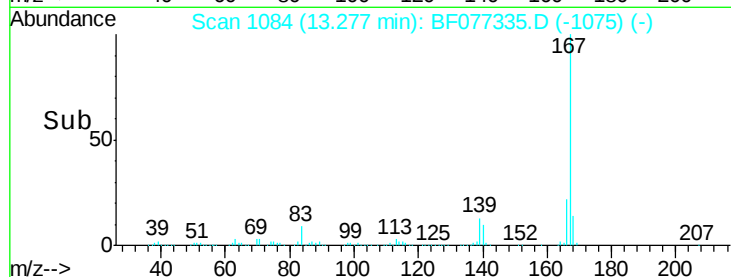


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 44.90 ng

RT: 13.72 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

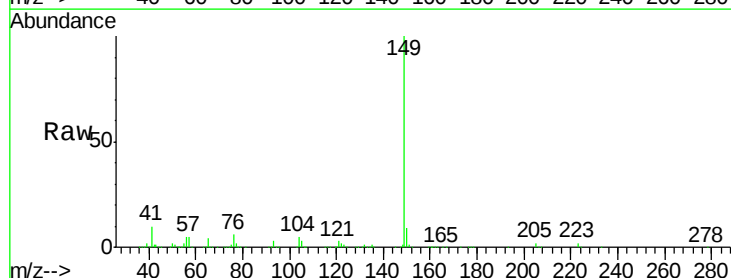
Tgt Ion:149 Resp: 650711

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.3 4.3 6.5

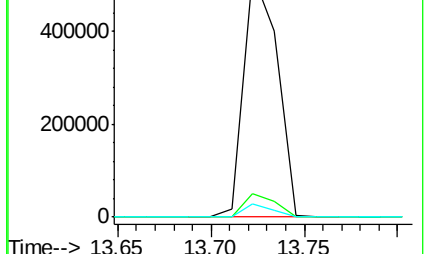
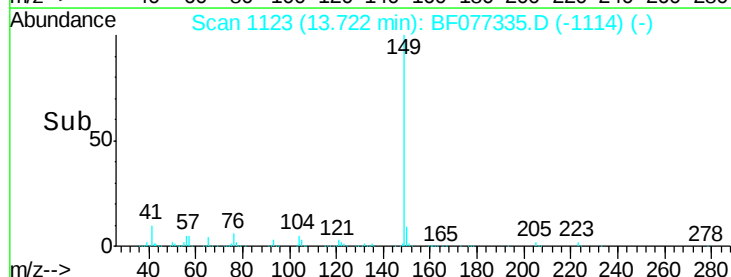


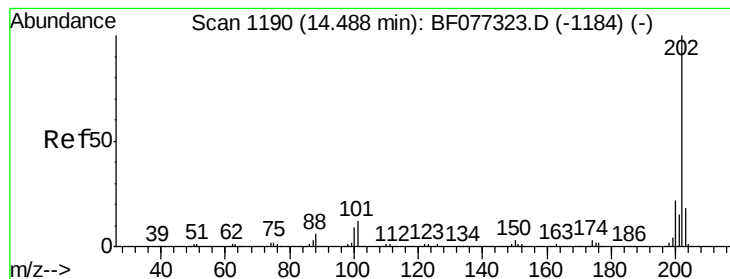
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#74

Fluoranthene

Concen: 41.55 ng

RT: 14.49 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

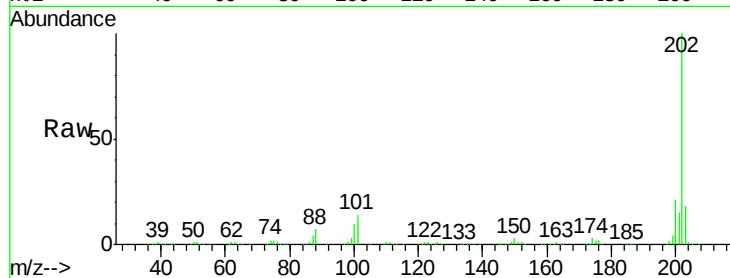
Tgt Ion: 202 Resp: 564943

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.4

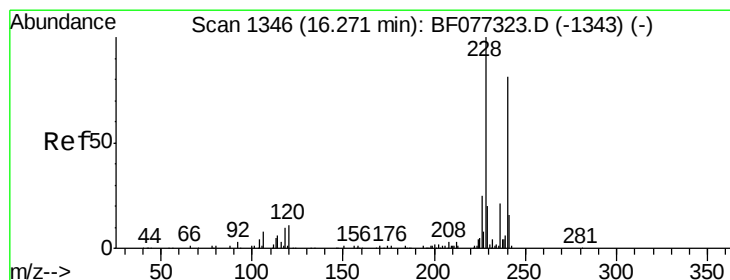
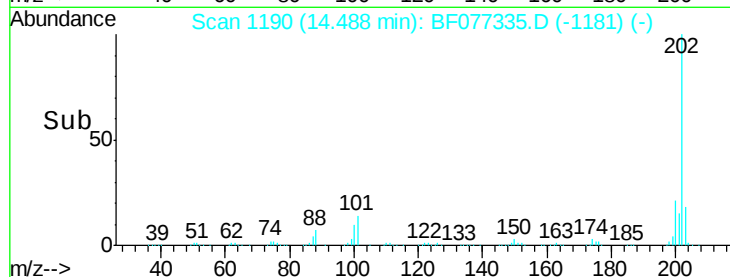
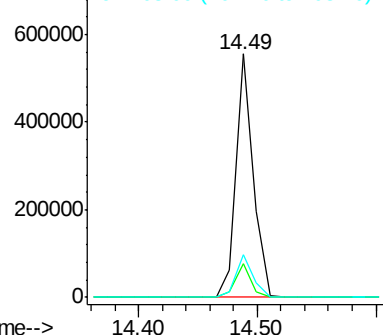
203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

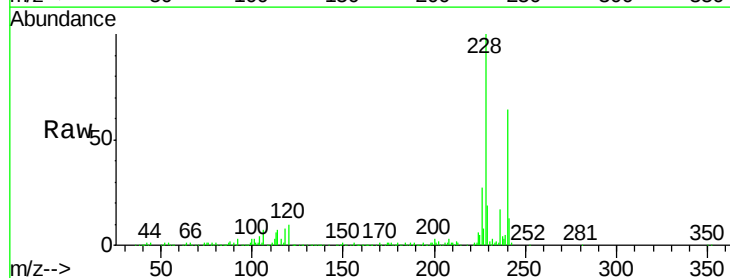
Tgt Ion: 240 Resp: 224588

Ion Ratio Lower Upper

240 100

120 15.2 11.3 16.9

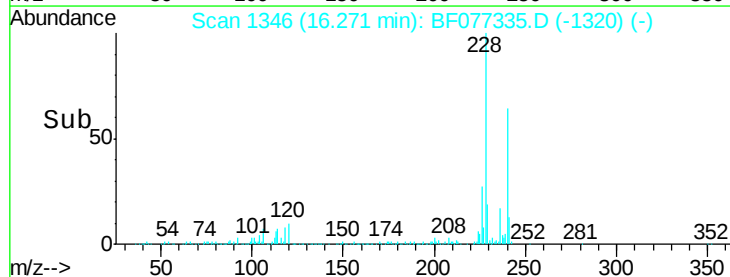
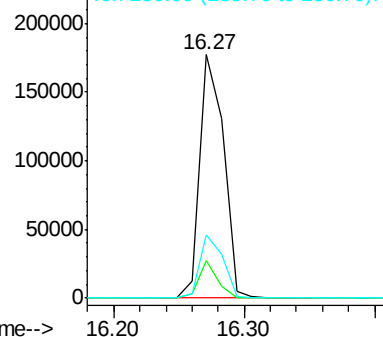
236 25.9 20.3 30.5

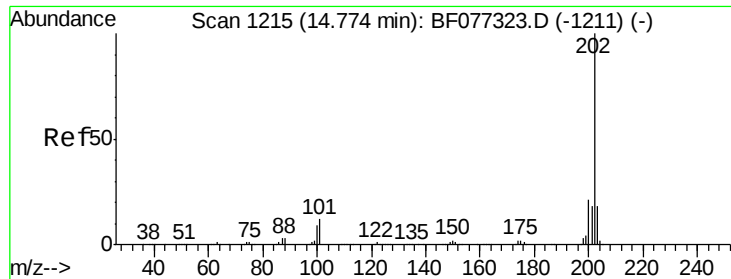


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

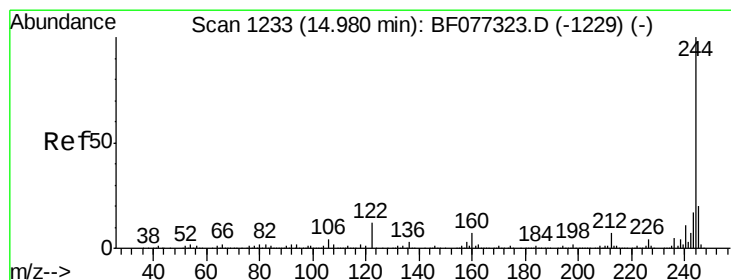
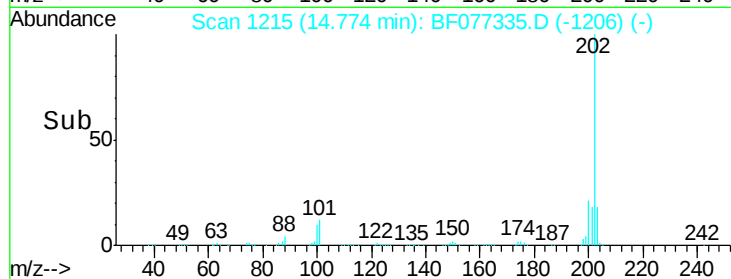
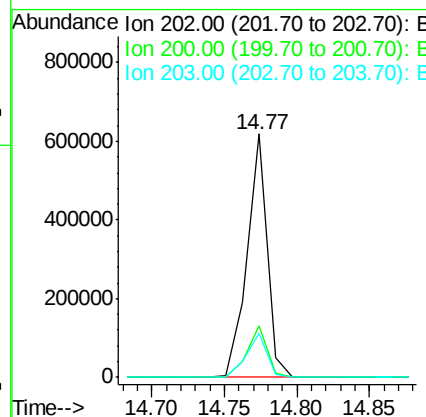
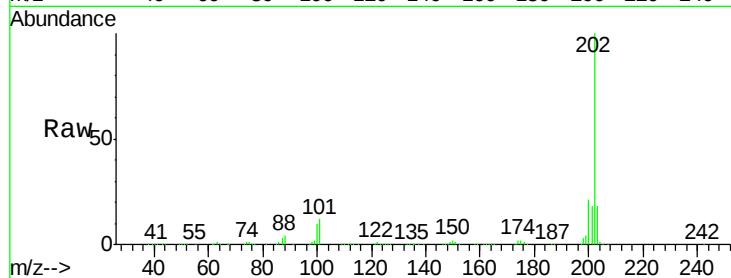




#77
 Pyrene
 Concen: 42.78 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

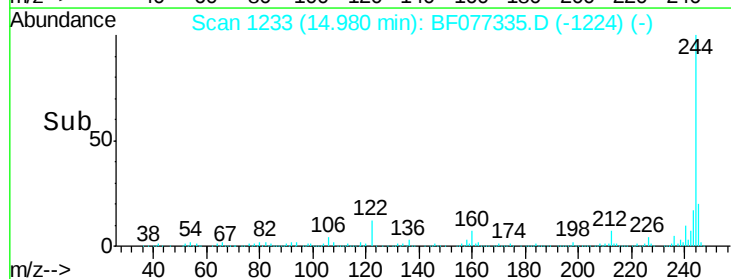
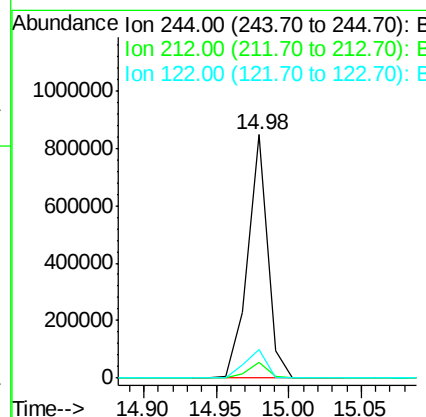
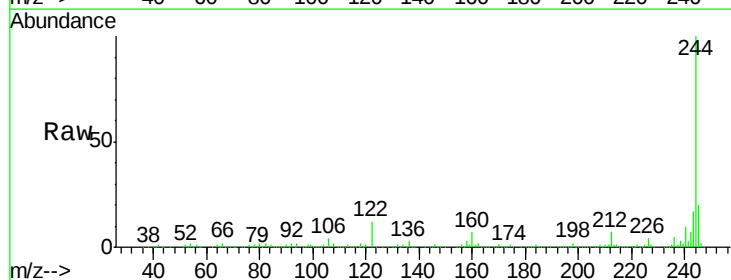
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

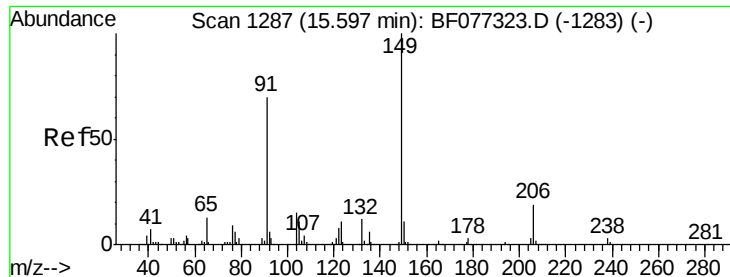
Tgt Ion: 202 Resp: 593983
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.4
 203 17.9 14.2 21.4



#78
 Terphenyl-d14
 Concen: 81.55 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion: 244 Resp: 805642
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.6 9.3 13.9





#79

Butylbenzylphthalate

Concen: 48.58 ng

RT: 15.60 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

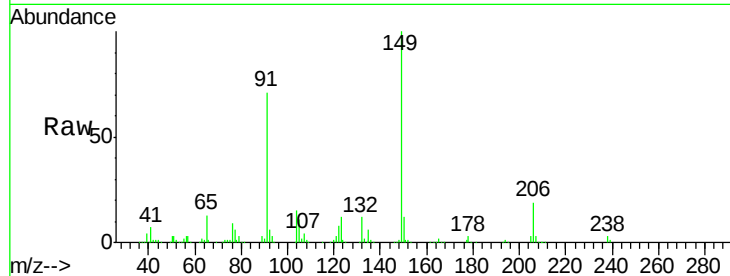
Tgt Ion:149 Resp: 269281

Ion Ratio Lower Upper

149 100

91 70.8 55.9 83.9

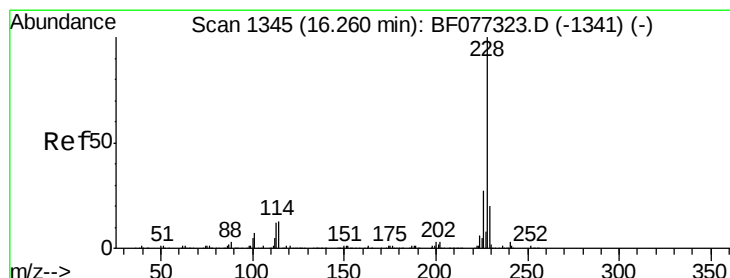
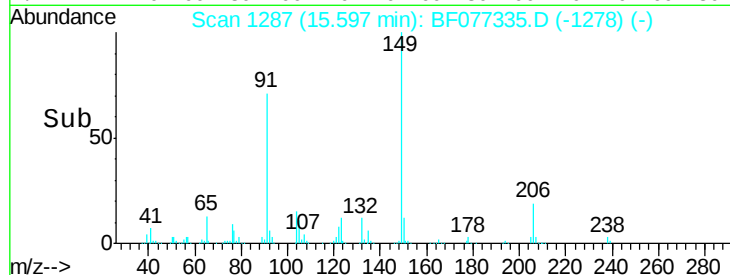
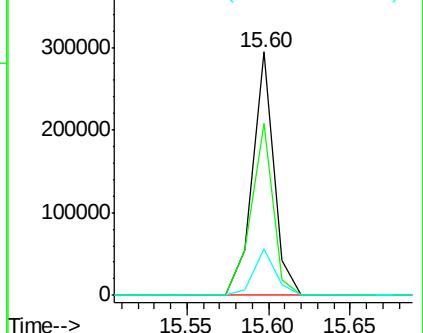
206 19.0 15.4 23.0



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: 42.90 ng

RT: 16.26 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

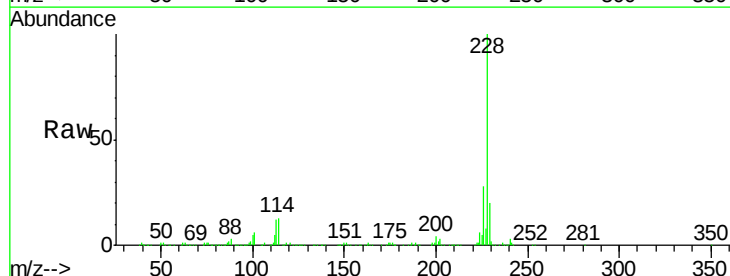
Tgt Ion:228 Resp: 561048

Ion Ratio Lower Upper

228 100

226 27.9 21.9 32.9

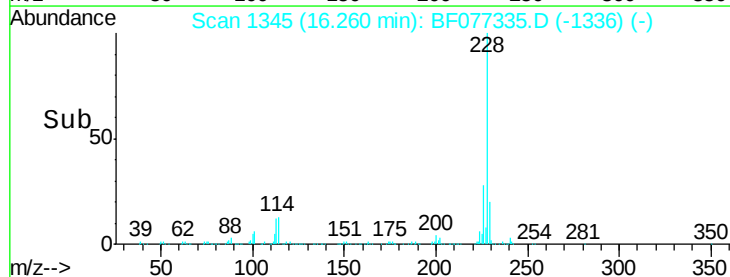
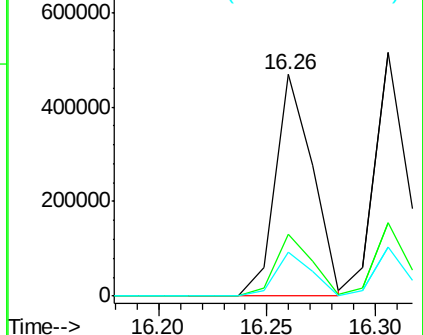
229 19.9 16.1 24.1

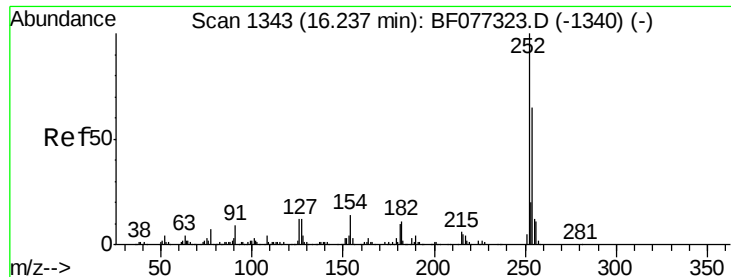


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

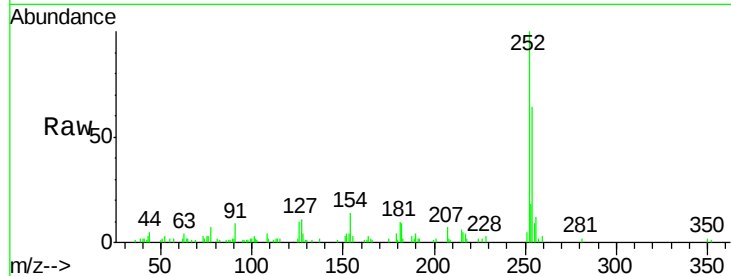




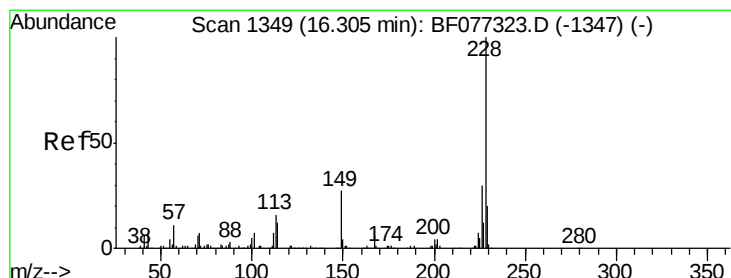
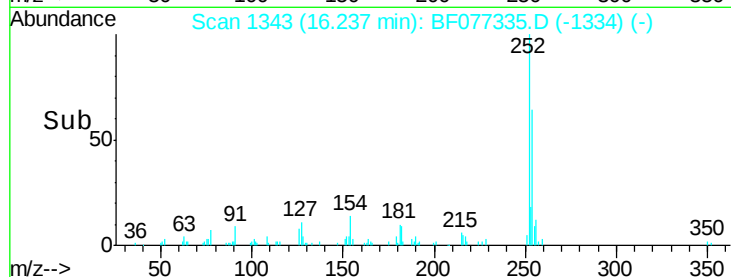
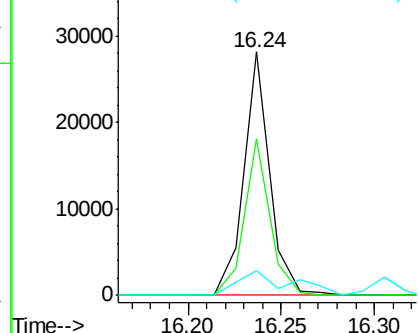
#81
 3,3'-Dichlorobenzidine
 Concen: 6.31 ng
 RT: 16.24 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion: 252 Resp: 27270
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.0 78.0
 126 10.0 9.7 14.5

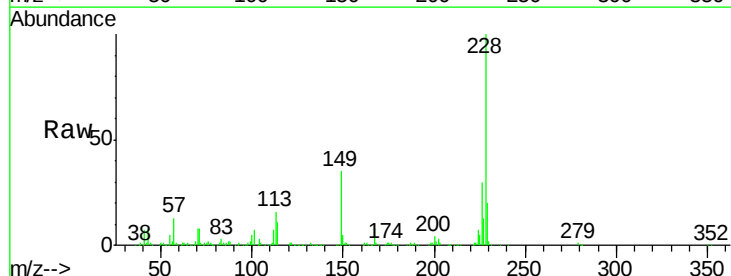


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

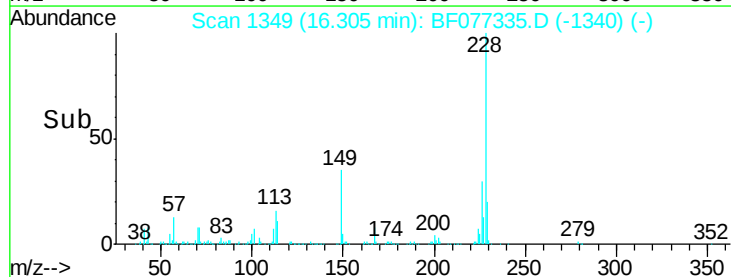
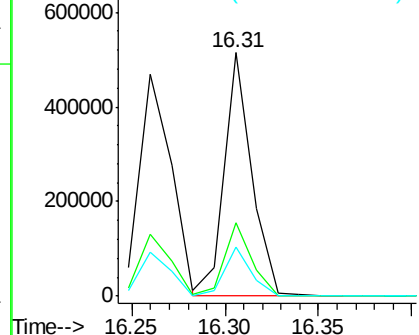


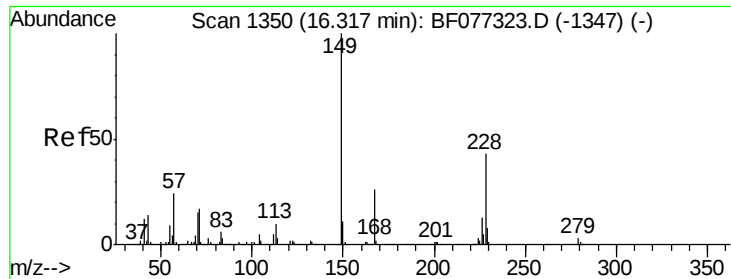
#82
 Chrysene
 Concen: 42.47 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion: 228 Resp: 525194
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 20.1 16.2 24.2



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

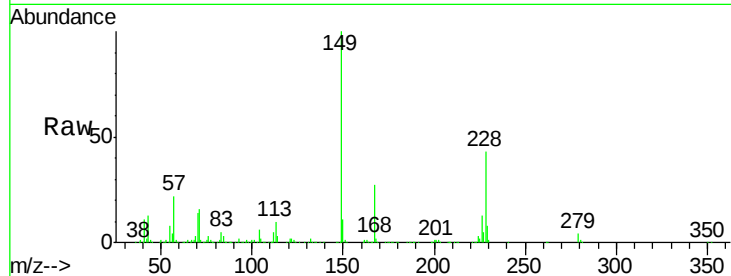




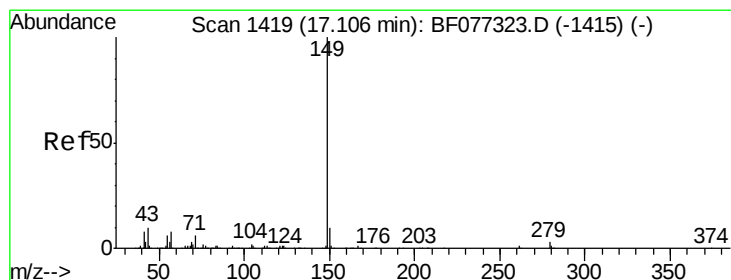
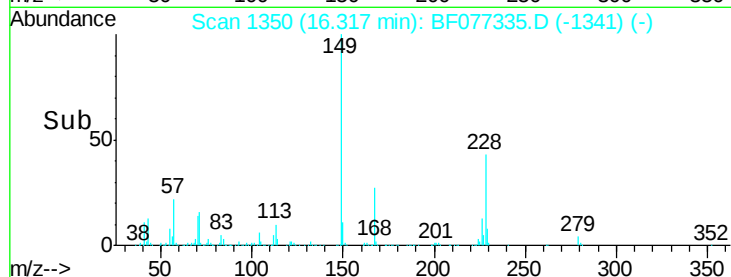
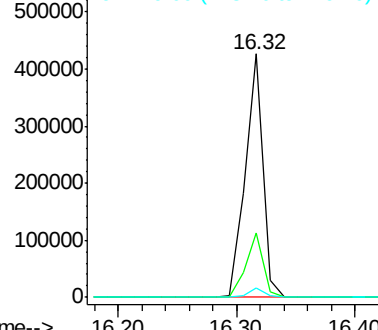
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.05 ng
 RT: 16.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-062-21115MSD

Tgt Ion:149 Resp: 444401
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.6
 279 3.9 2.7 4.1

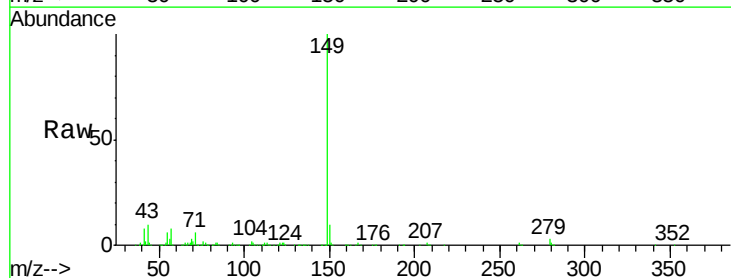


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

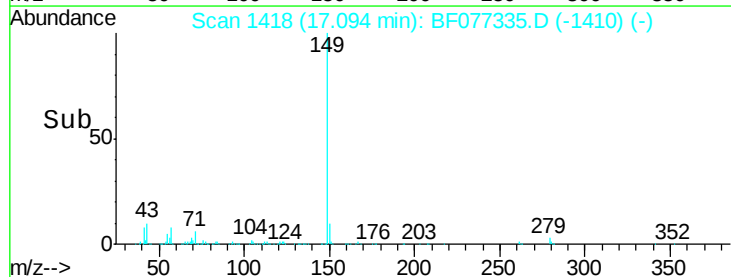
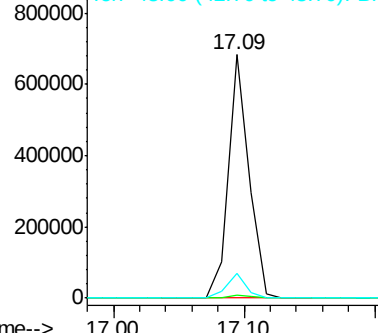


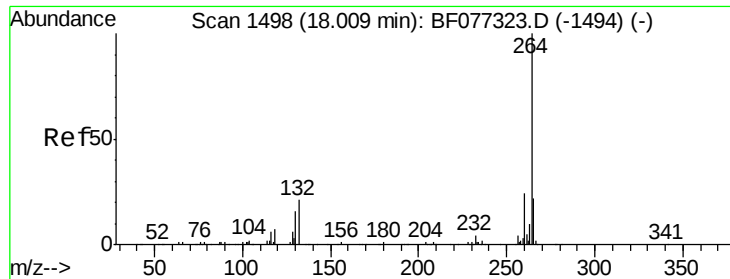
#84
 Di-n-octyl phthalate
 Concen: 50.26 ng
 RT: 17.09 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF077335.D
 Acq: 18 Feb 2015 1:43

Tgt Ion:149 Resp: 753414
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 9.6 8.7 13.1



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

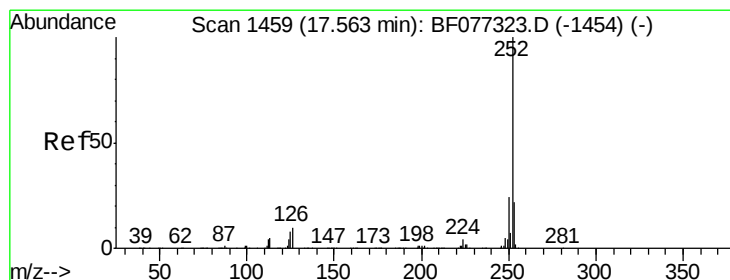
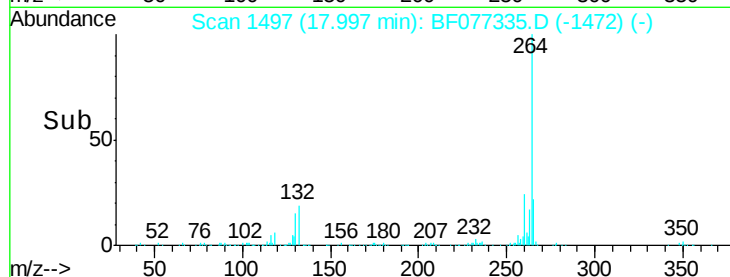
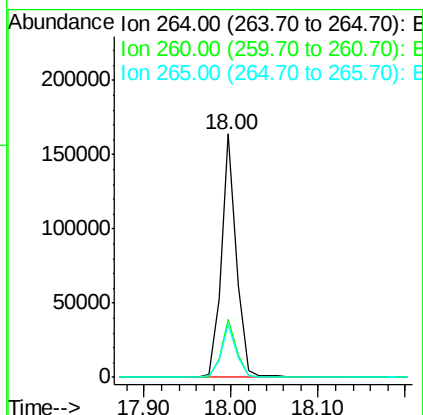
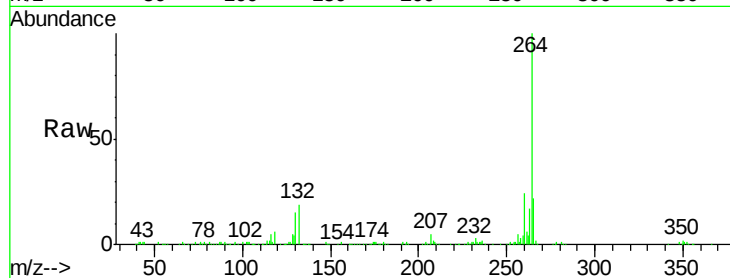




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

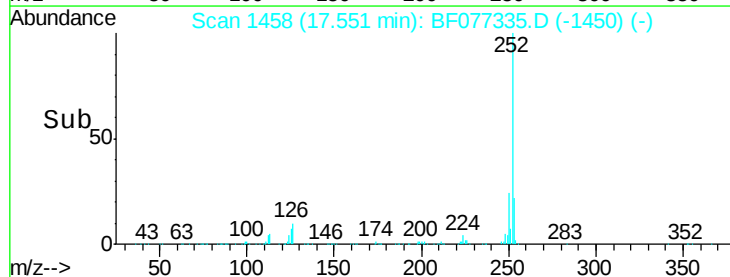
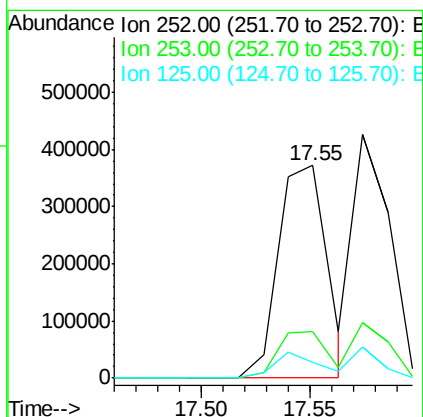
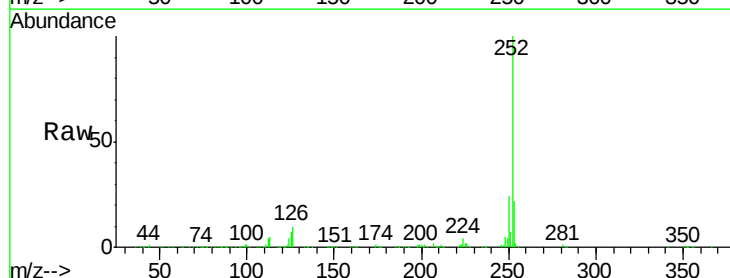
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115MSD

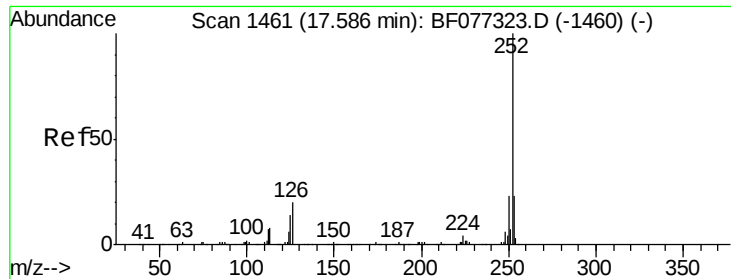
Tgt Ion: 264 Resp: 198195
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.7 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 45.62 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF077335.D
Acq: 18 Feb 2015 1:43

Tgt Ion: 252 Resp: 581162
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.4 6.1 9.1





#88

Benzo(k)fluoranthene

Concen: 55.22 ng

RT: 17.55 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

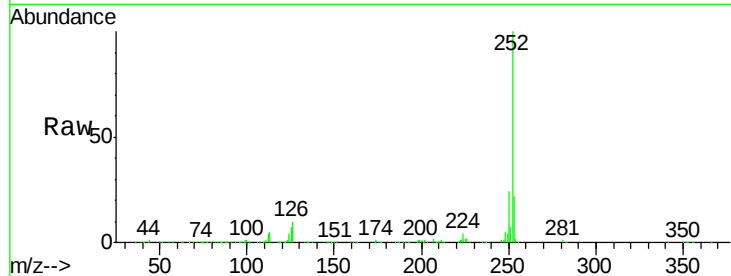
Instrument :

BNA_F

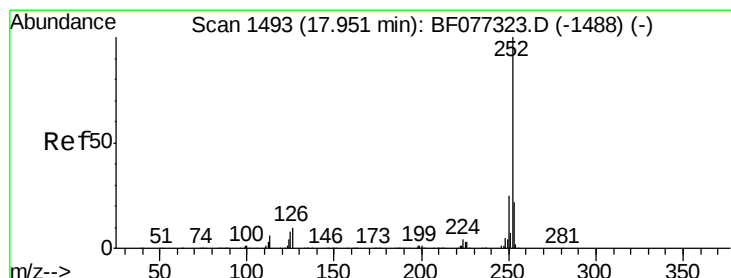
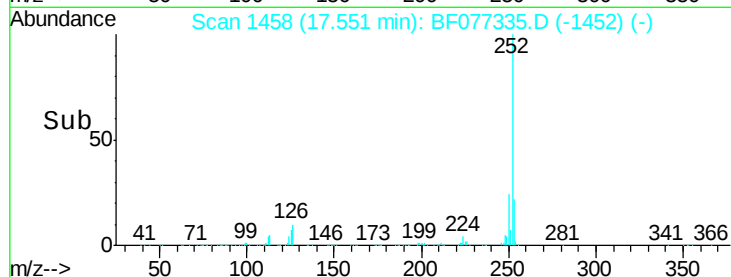
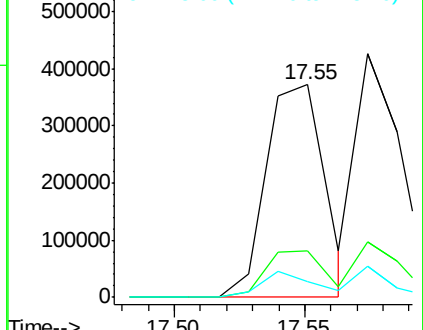
ClientSampleId :

DCW-WC-062-21115MSD

Tgt Ion:	252	Resp:	581134
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	7.4	11.0	16.4#



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: 46.39 ng

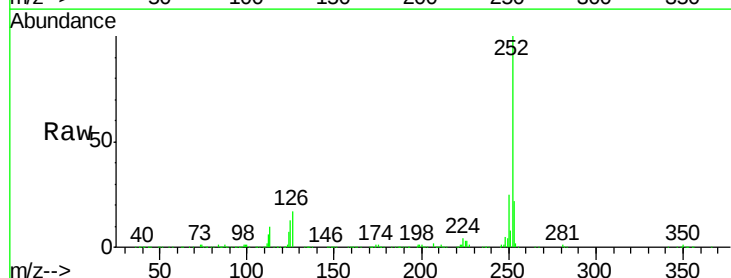
RT: 17.93 min Scan# 1491

Delta R.T. -0.02 min

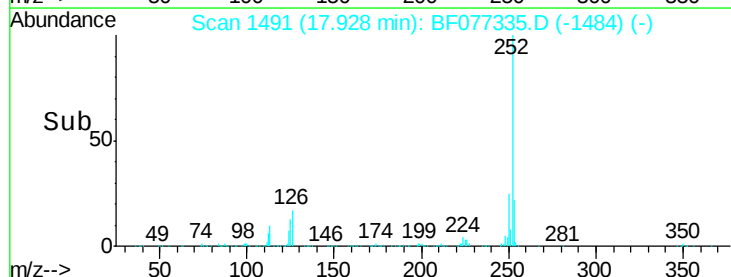
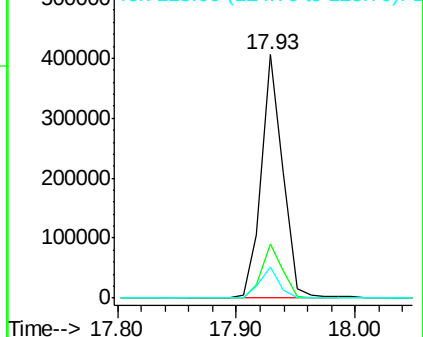
Lab File: BF077335.D

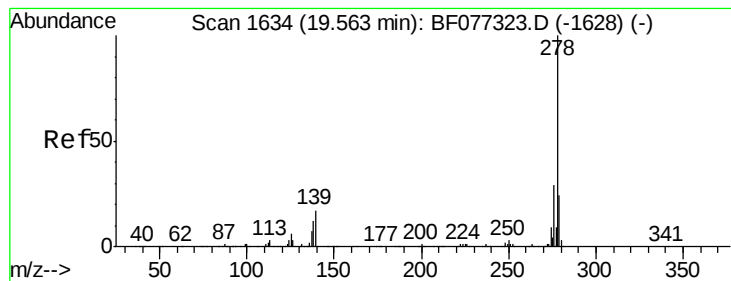
Acq: 18 Feb 2015 1:43

Tgt Ion:	252	Resp:	514400
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	12.9	6.2	9.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 50.64 ng

RT: 19.55 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115MSD

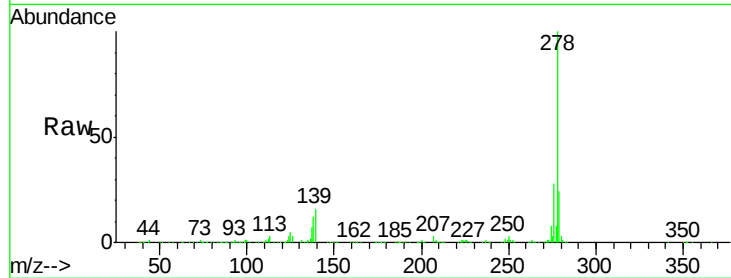
Tgt Ion: 278 Resp: 571498

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.2

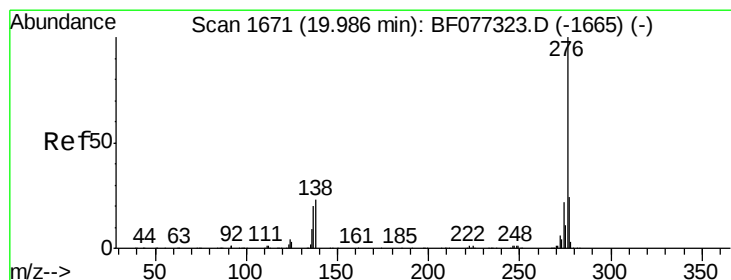
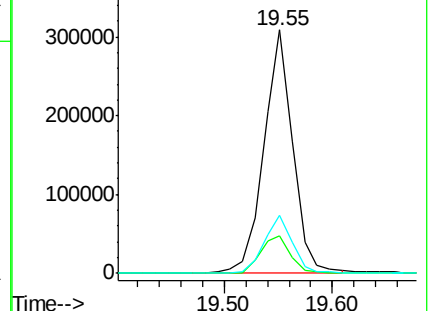
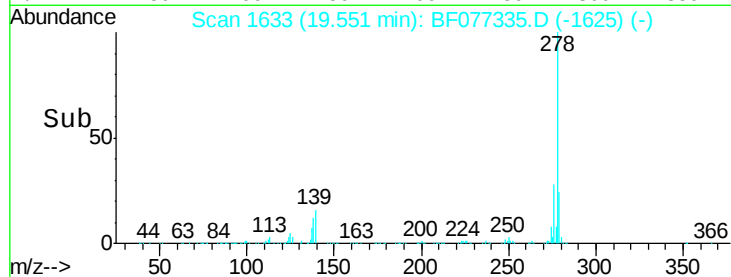
279 24.0 19.1 28.7



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: 48.77 ng

RT: 19.97 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF077335.D

Acq: 18 Feb 2015 1:43

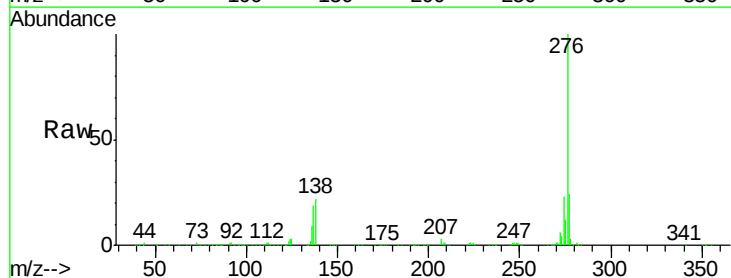
Tgt Ion: 276 Resp: 547277

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 21.8 18.7 28.1



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

