

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077333.D
 Acq On : 18 Feb 2015 00:46
 Operator : TP/IZ
 Sample : G1295-02
 Misc : TCLP
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 18 03:38:13 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

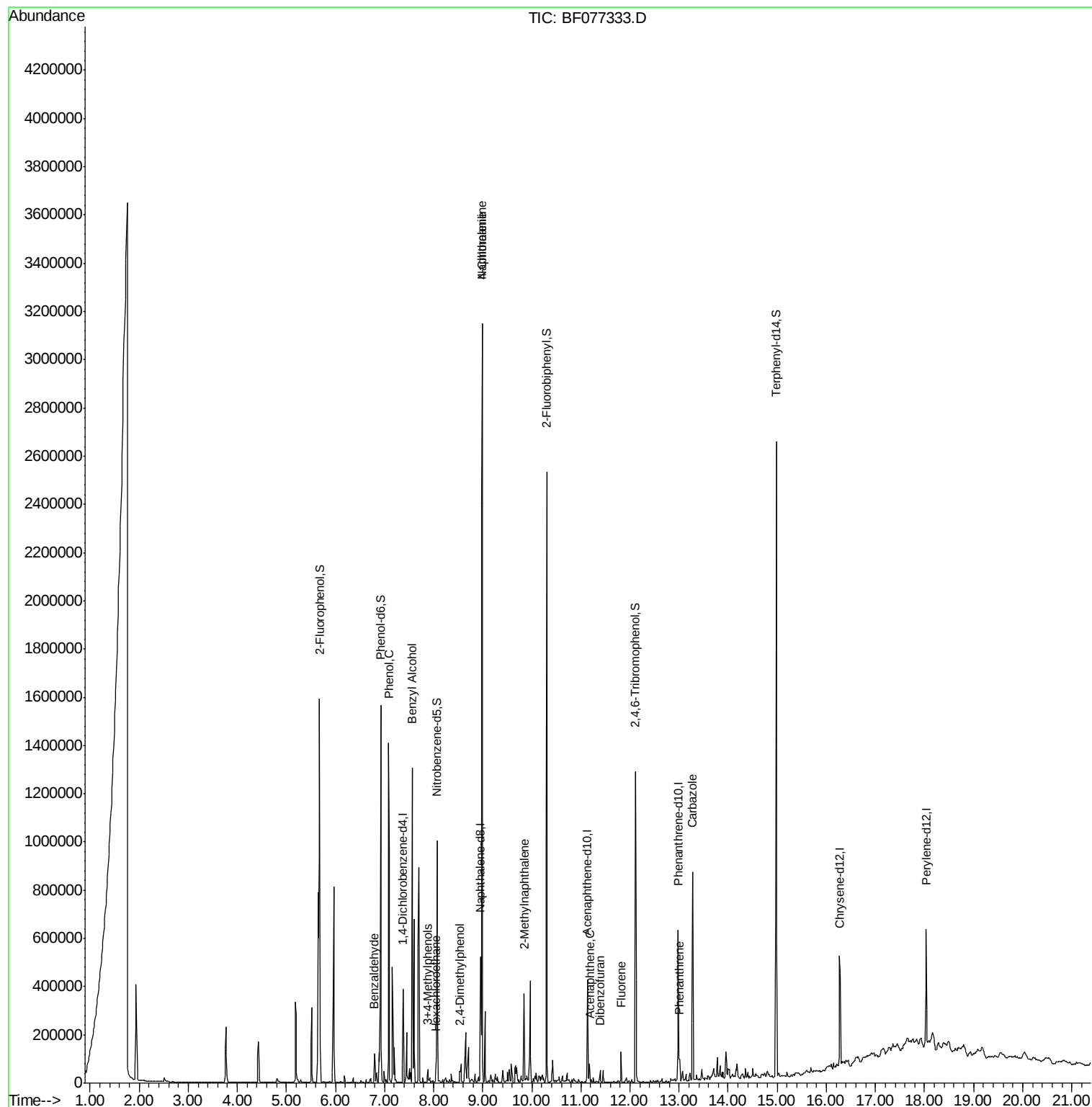
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	59128	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	237850	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	113705	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	233242	20.00	ng	0.00
75) Chrysene-d12	16.28	240	225622	20.00	ng	0.01
86) Perylene-d12	18.03	264	226414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	439371	126.99	ng	0.01
7) Phenol-d6	6.92	99	513511	113.61	ng	0.00
23) Nitrobenzene-d5	8.06	82	329134	95.83	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	163327	153.97	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	831746	110.28	ng	0.00
78) Terphenyl-d14	14.98	244	908574	91.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.80	77	6787	2.44	ng	# 1
10) Phenol	7.08	94	1053	6.31	ng	# 1
15) Benzyl Alcohol	7.56	79	9519	2.78	ng	# 47
18) Hexachloroethane	8.04	117	3143	2.04	ng	# 1
20) 3+4-Methylphenols	7.88	107	9350	2.22	ng	# 65
27) 2,4-Dimethylphenol	8.53	122	16753	4.75	ng	95
31) Naphthalene	8.99	128	1906332	160.18	ng	98
33) 4-Chloroaniline	8.99	127	262713	51.65	ng	# 33
37) 2-Methylnaphthalene	9.85	142	143957	16.82	ng	98
51) Acenaphthene	11.17	154	17414	2.64	ng	99
54) Dibenzofuran	11.39	168	21827	2.18	ng	97
57) Fluorene	11.81	166	35894	4.58	ng	99
70) Phenanthrene	13.01	178	51417	3.79	ng	98
72) Carbazole	13.28	167	360105	30.39	ng	99
83) Bis(2-ethylhexyl)phthalate	16.32	149	2236	Below Cal	#	85

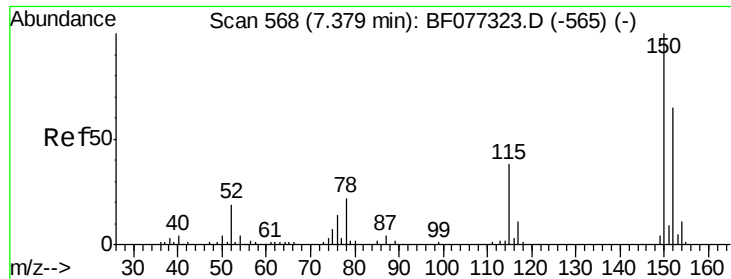
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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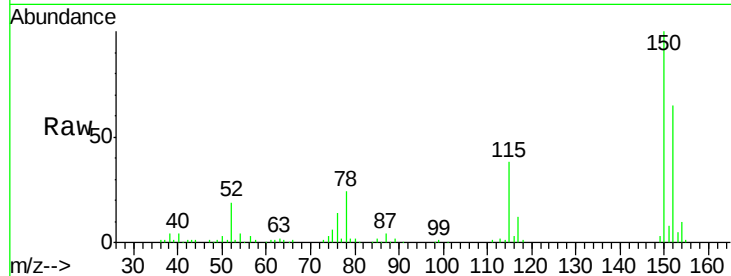


#1

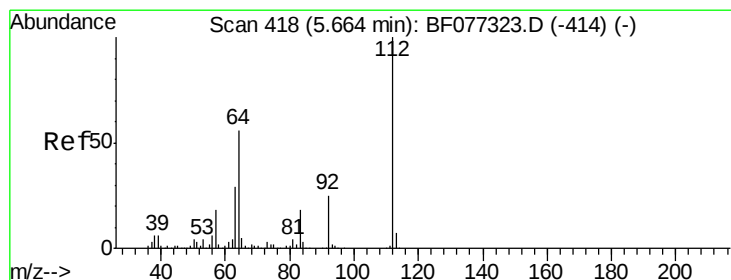
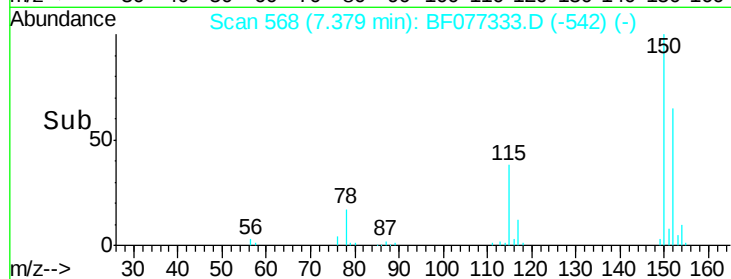
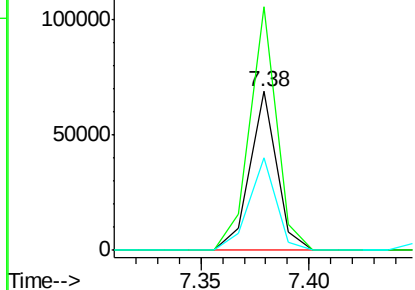
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:152 Resp: 59128
Ion Ratio Lower Upper
152 100
150 153.5 123.1 184.7
115 58.3 46.2 69.4



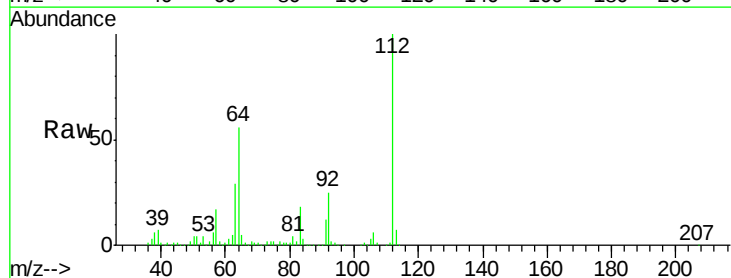
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



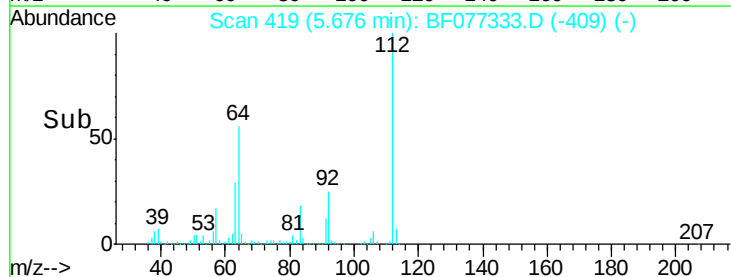
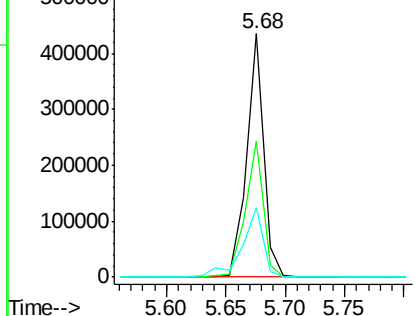
#5

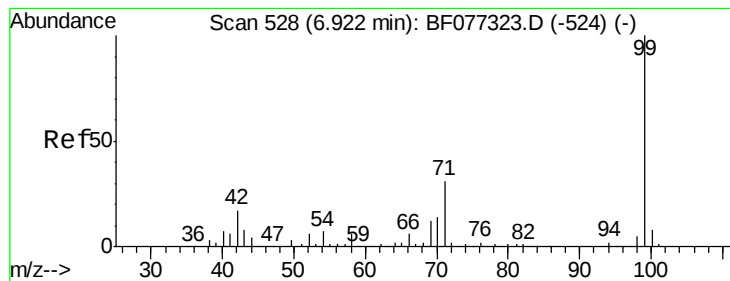
2-Fluorophenol
Concen: 126.99 ng
RT: 5.68 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:112 Resp: 439371
Ion Ratio Lower Upper
112 100
64 55.8 44.7 67.1
63 28.7 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





#7

Phenol-d6

Concen: 113.61 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115

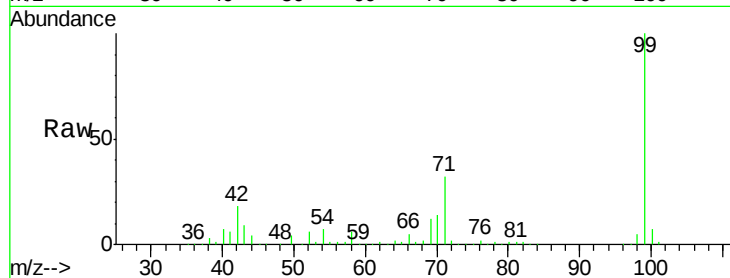
Tgt Ion: 99 Resp: 513511

Ion Ratio Lower Upper

99 100

42 18.2 13.8 20.6

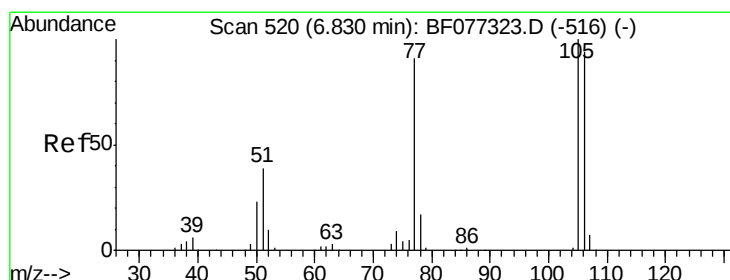
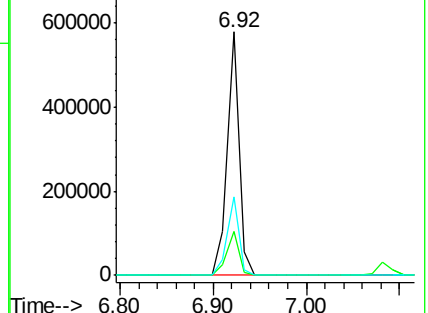
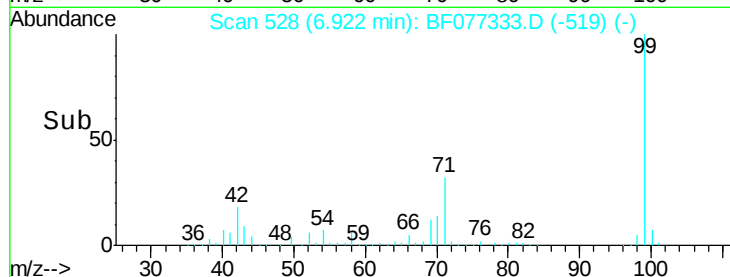
71 32.2 24.6 37.0



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



#9

Benzaldehyde

Concen: 2.44 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

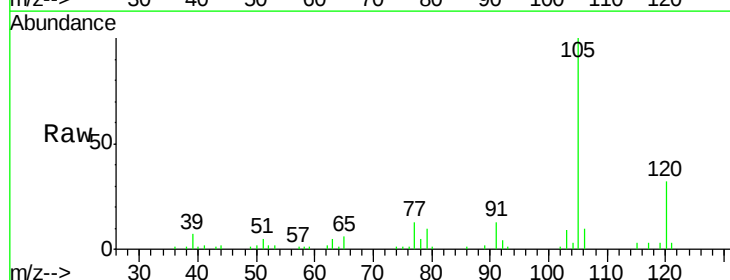
Tgt Ion: 77 Resp: 6787

Ion Ratio Lower Upper

77 100

105 775.7 89.5 129.5#

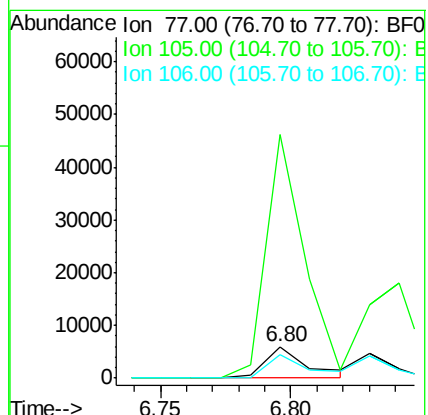
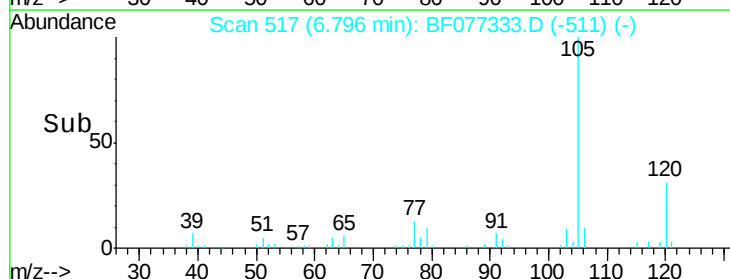
106 74.8 83.2 123.2#

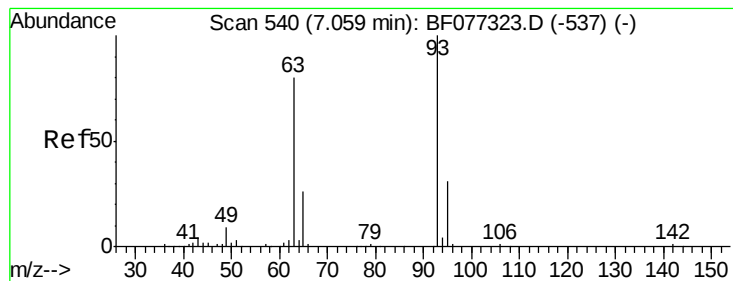


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.31 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115

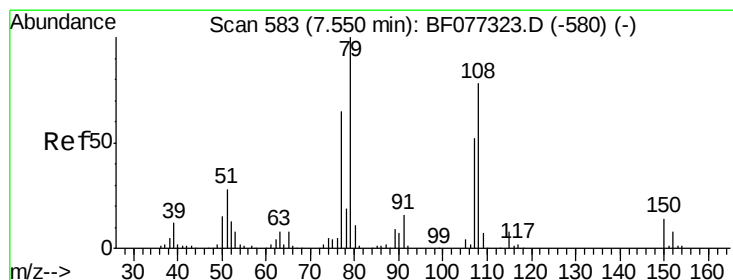
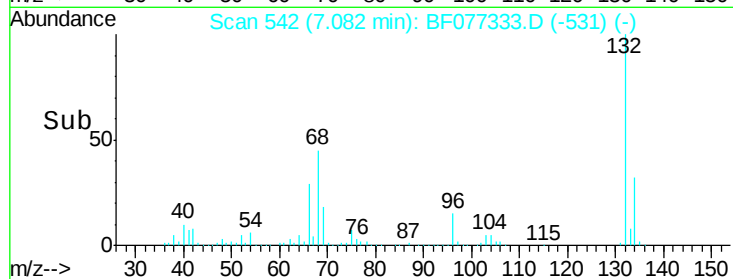
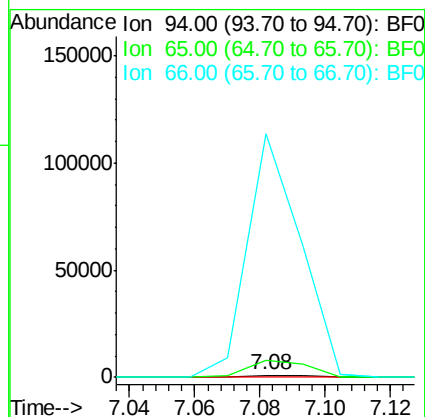
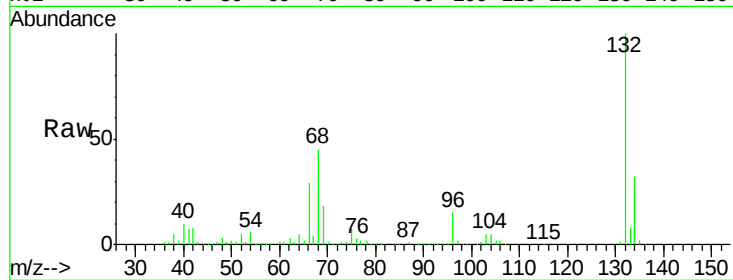
Tgt Ion: 94 Resp: 1053

Ion Ratio Lower Upper

94 100

65 934.9 718.6 758.6#

66 13051.0 0.0 37.8#



#15

Benzyl Alcohol

Concen: 2.78 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

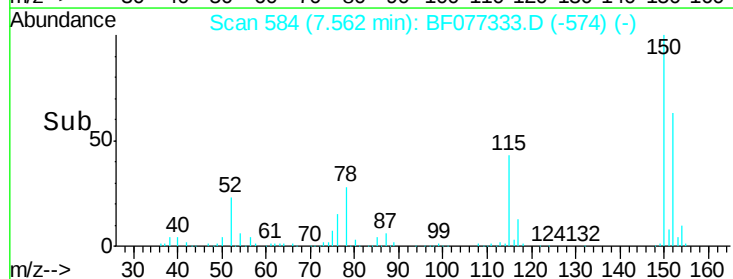
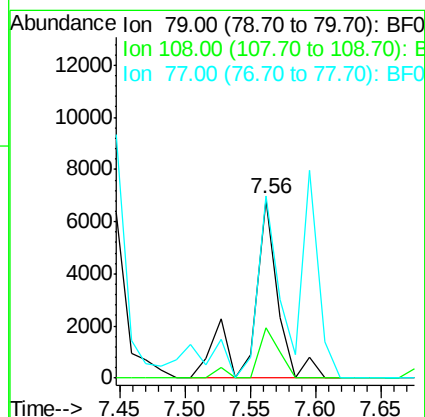
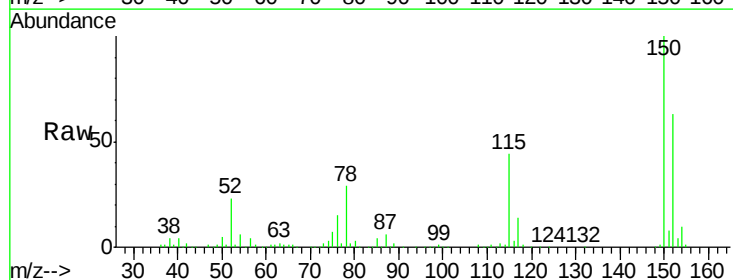
Tgt Ion: 79 Resp: 9519

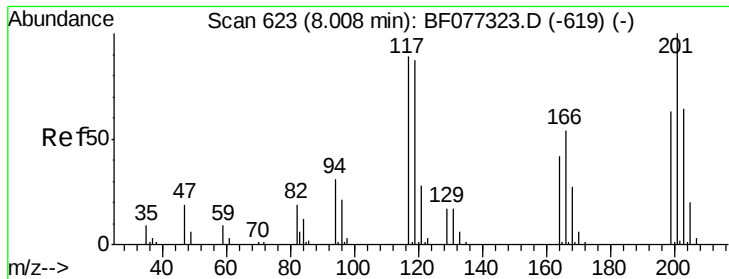
Ion Ratio Lower Upper

79 100

108 28.0 62.0 93.0#

77 102.5 52.0 78.0#

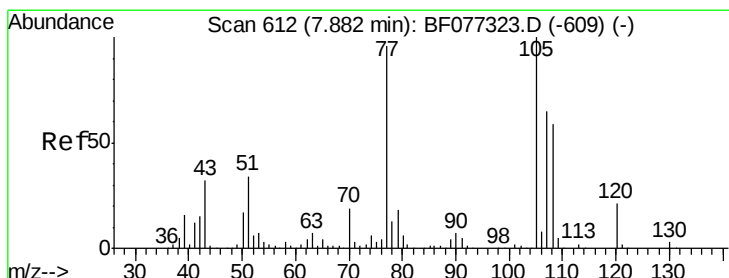
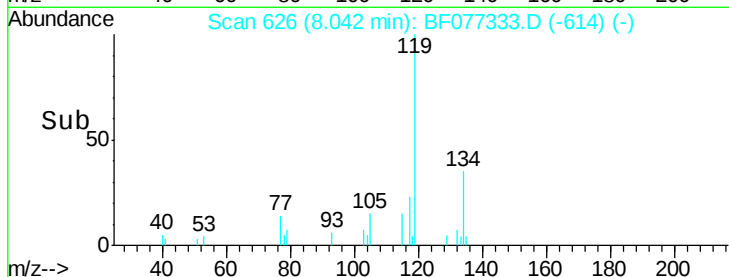
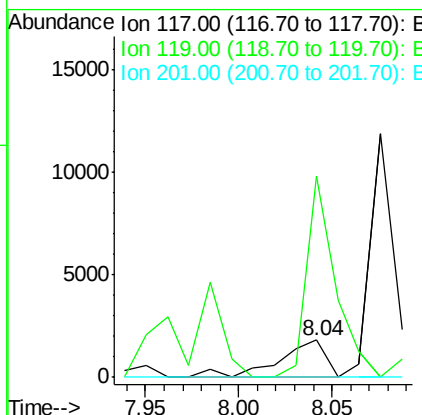
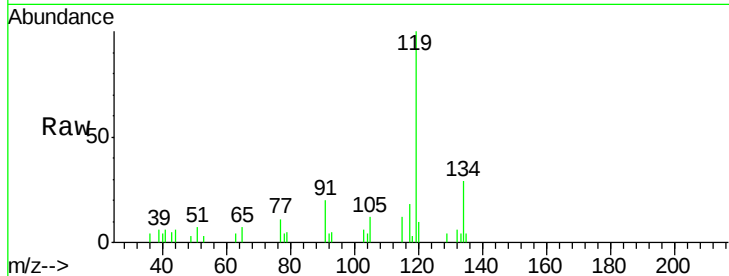




#18
Hexachloroethane
Concen: 2.04 ng
RT: 8.04 min Scan# 626
Delta R.T. 0.03 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

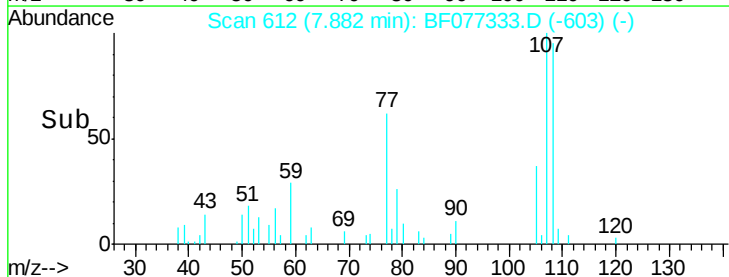
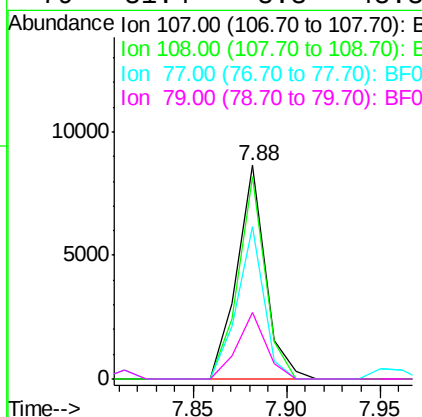
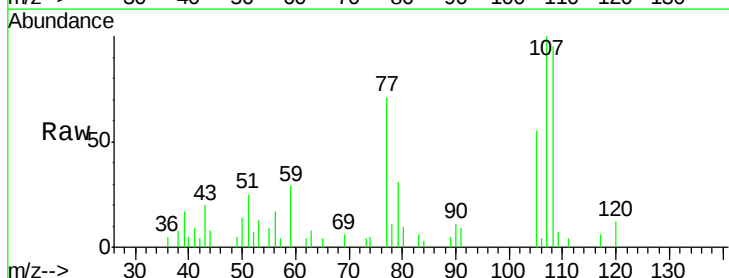
Instrument :
BNA_F
ClientSampleId :
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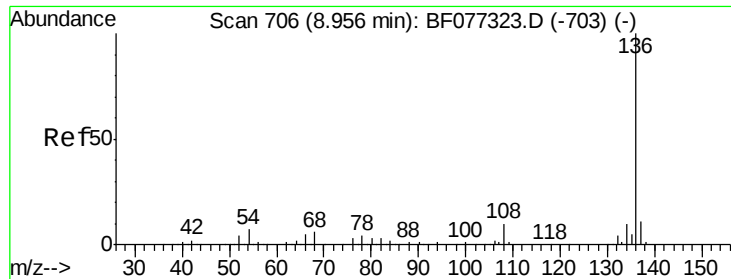
Tgt Ion:117 Resp: 3143
Ion Ratio Lower Upper
117 100
119 543.2 78.4 117.6#
201 0.0 90.1 135.1#



#20
3+4-Methylphenols
Concen: 2.22 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:107 Resp: 9350
Ion Ratio Lower Upper
107 100
108 94.5 70.6 110.6
77 71.1 126.5 166.5#
79 31.4 8.3 48.3

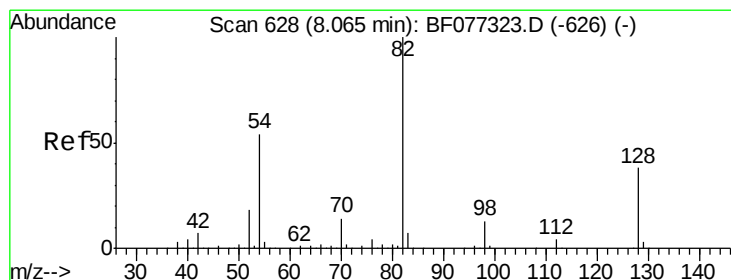
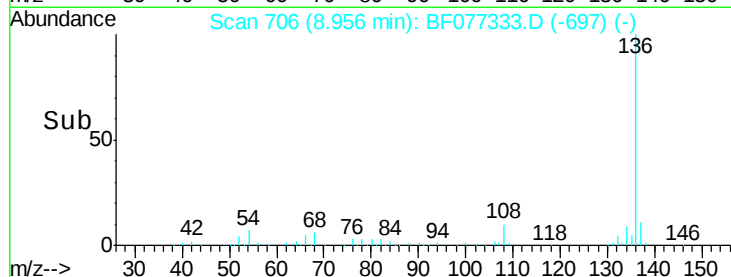
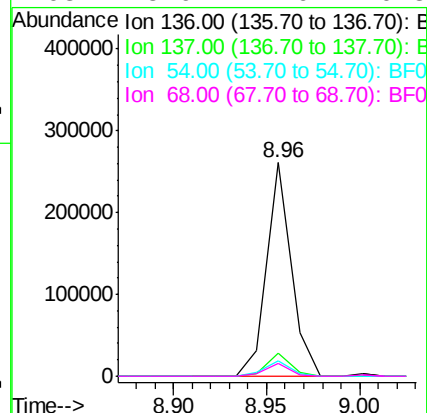
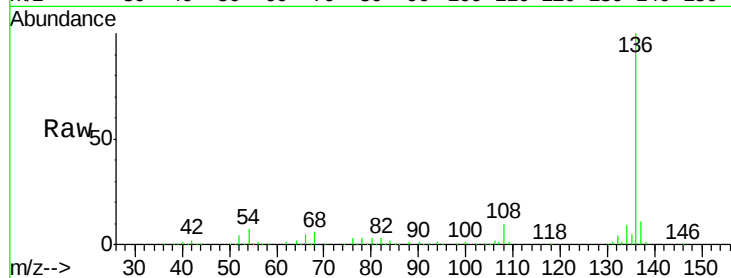




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

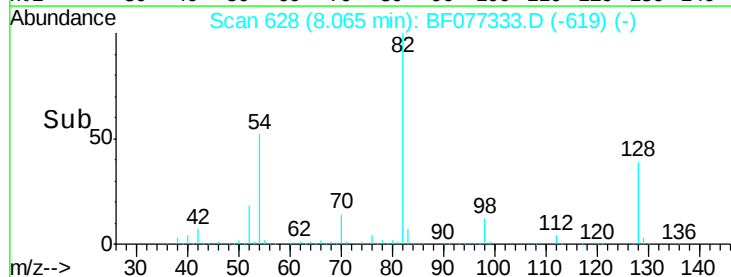
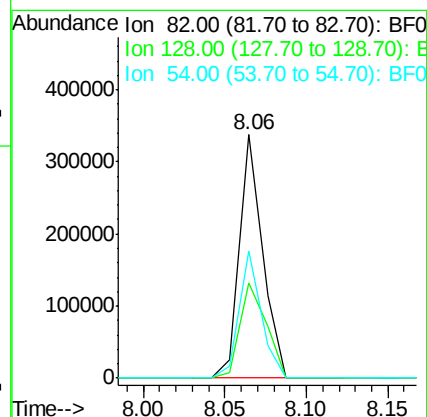
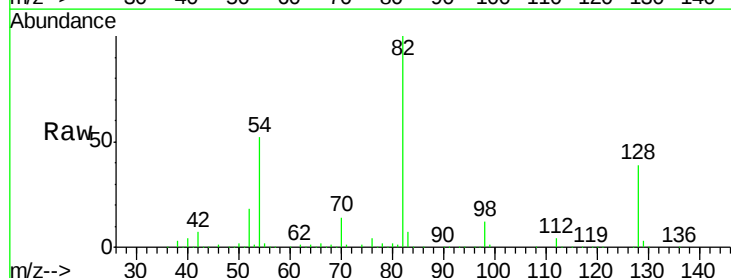
Instrument :
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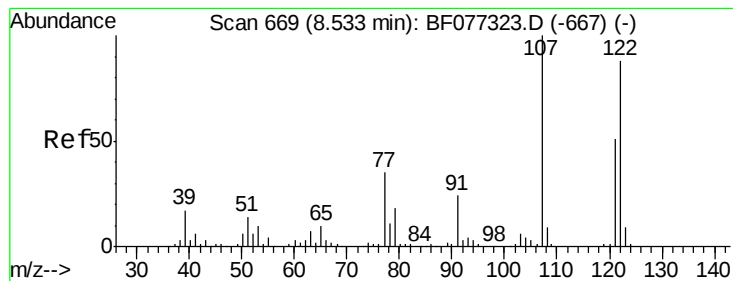
Tgt Ion:	136	Resp:	237850
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.3	5.8	8.6
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 95.83 ng
RT: 8.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:	82	Resp:	329134
Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.7	46.1
54	52.4	43.1	64.7





#27

2,4-Dimethylphenol

Concen: 4.75 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115

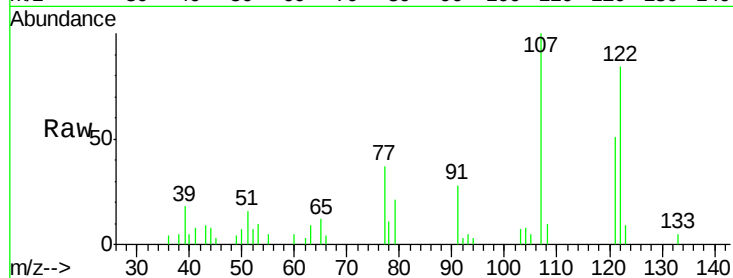
Tgt Ion:122 Resp: 16753

Ion Ratio Lower Upper

122 100

107 119.6 90.6 135.8

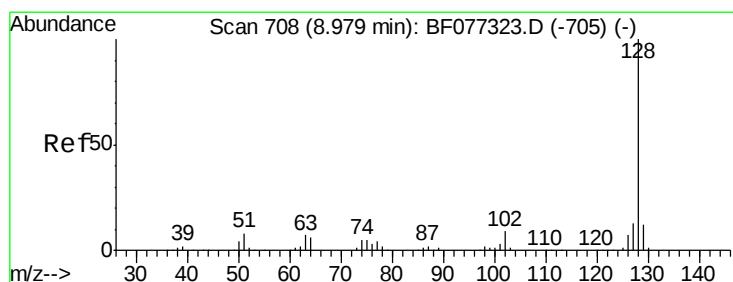
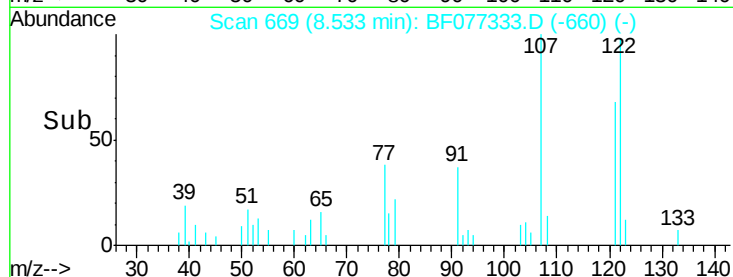
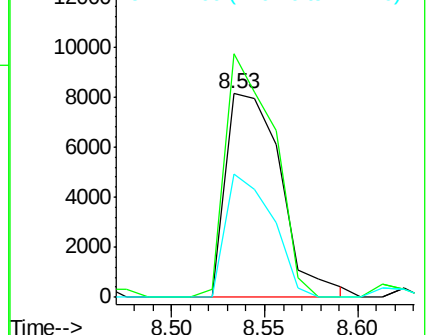
121 60.6 46.2 69.2



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



#31

Naphthalene

Concen: 160.18 ng

RT: 8.99 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

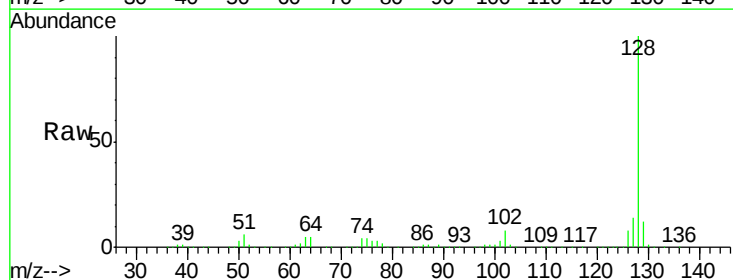
Tgt Ion:128 Resp: 1906332

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

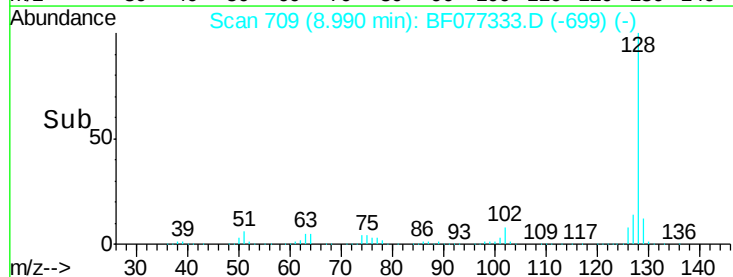
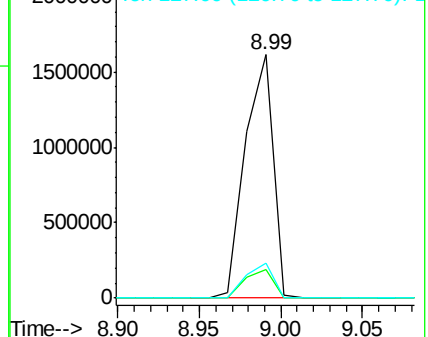
127 14.2 10.5 15.7

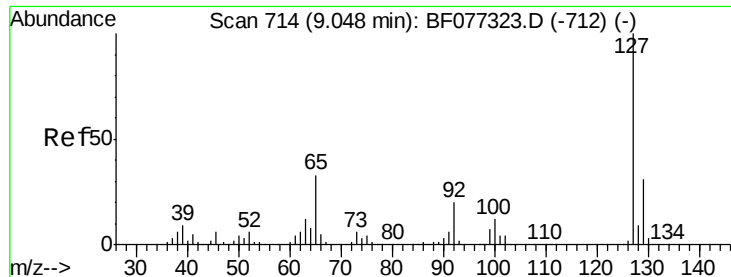


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

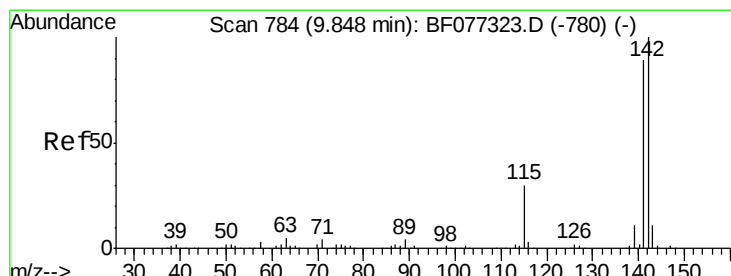
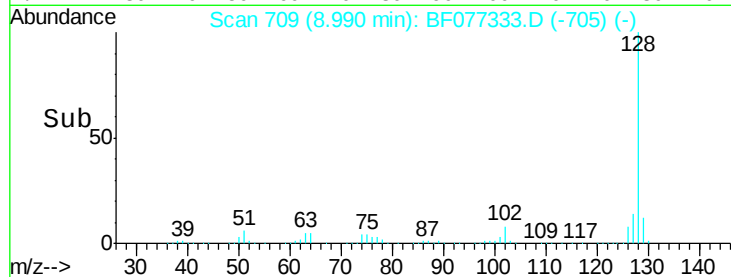
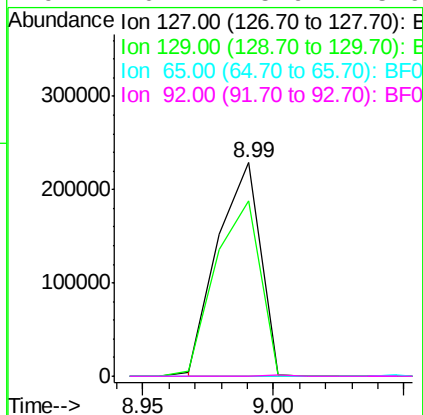
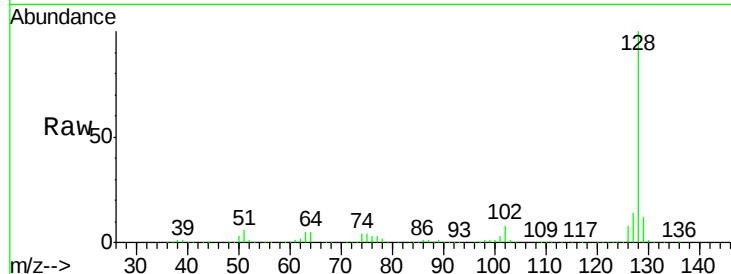




#33
4-Chloroaniline
Concen: 51.65 ng
RT: 8.99 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

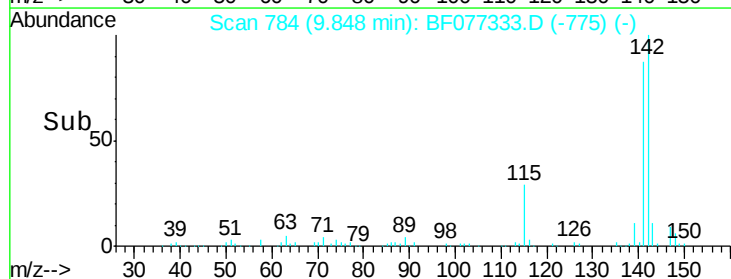
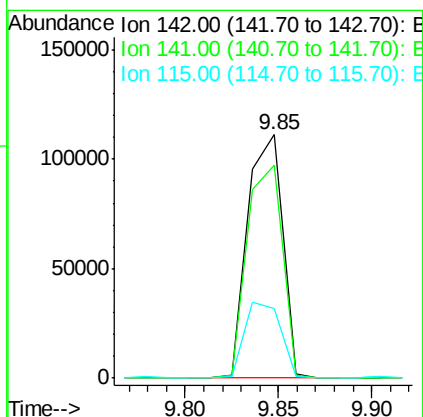
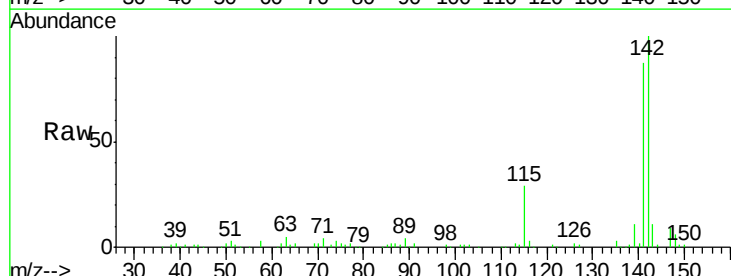
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115

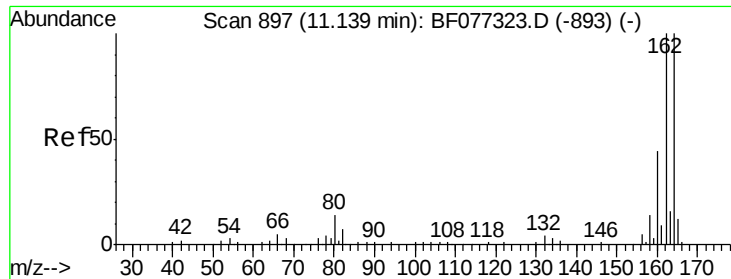
Tgt Ion:	127	Resp:	262713
Ion	Ratio	Lower	Upper
127	100		
129	82.2	24.9	37.3#
65	0.0	26.4	39.6#
92	0.2	15.9	23.9#



#37
2-Methylnaphthalene
Concen: 16.82 ng
RT: 9.85 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:	142	Resp:	143957
Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8
115	28.7	23.8	35.8

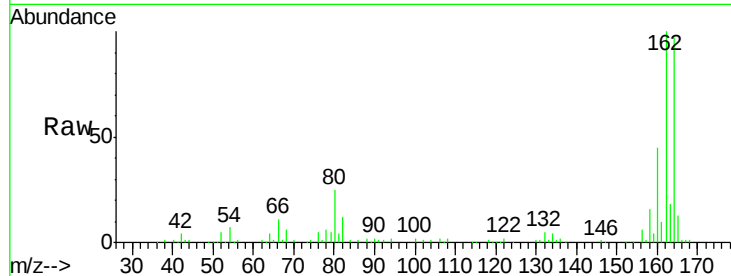




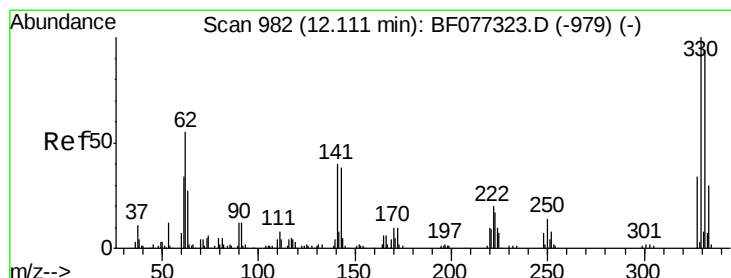
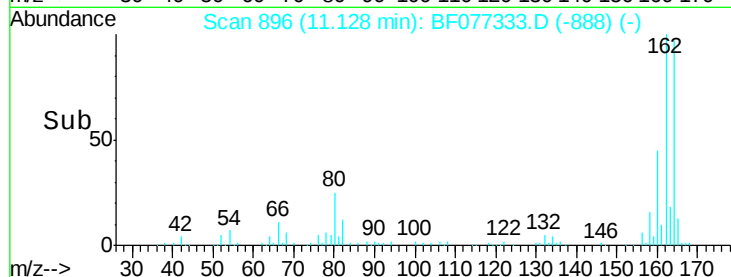
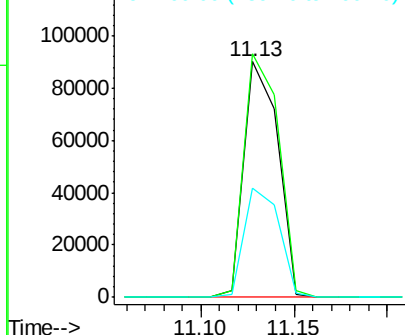
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF077333.D
 Acq: 18 Feb 2015 00:46

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

Tgt Ion:164 Resp: 113705
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.4 120.6
 160 46.5 35.3 52.9

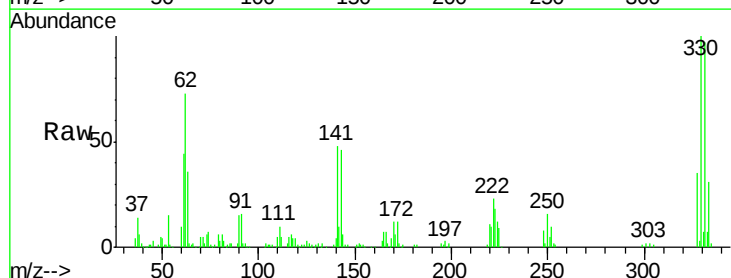


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

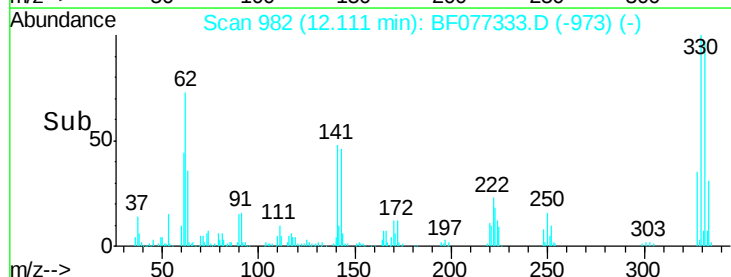
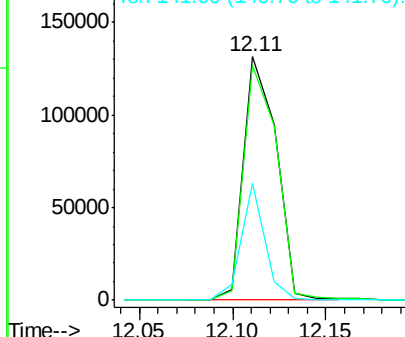


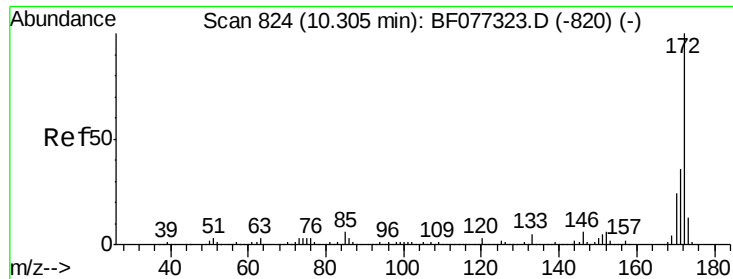
#41
 2,4,6-Tribromophenol
 Concen: 153.97 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077333.D
 Acq: 18 Feb 2015 00:46

Tgt Ion:330 Resp: 163327
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.1 114.1
 141 34.7 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

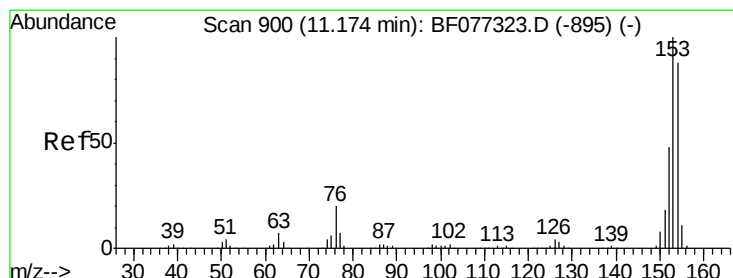
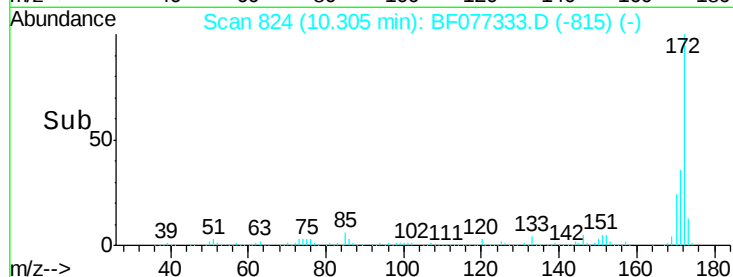
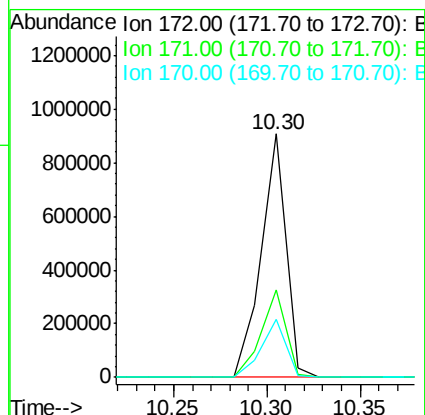
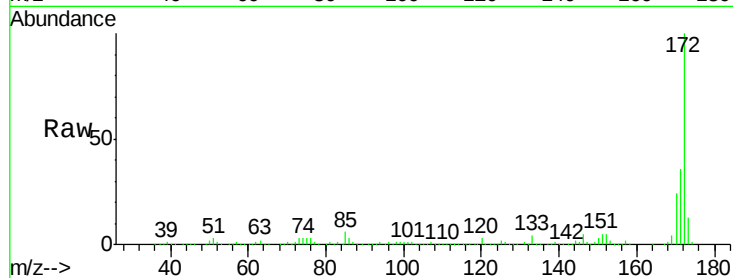




#44
2-Fluorobiphenyl
Concen: 110.28 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

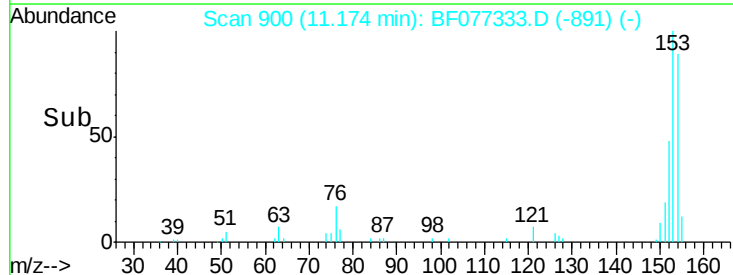
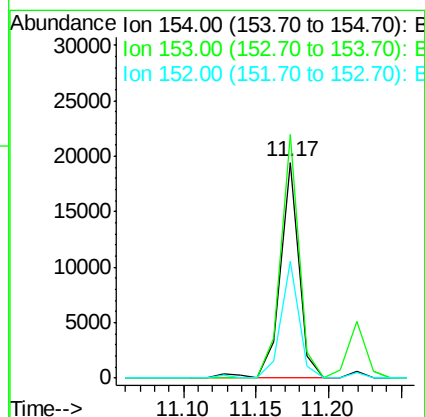
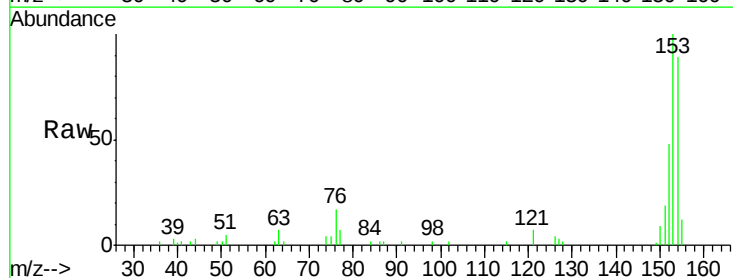
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115

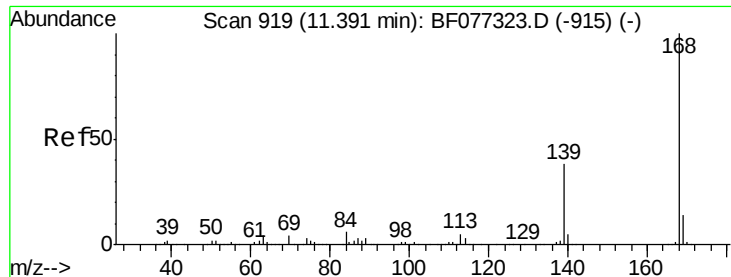
Tgt Ion:172 Resp: 831746
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.9 19.4 29.2



#51
Acenaphthene
Concen: 2.64 ng
RT: 11.17 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:154 Resp: 17414
Ion Ratio Lower Upper
154 100
153 112.8 90.9 136.3
152 54.2 43.5 65.3

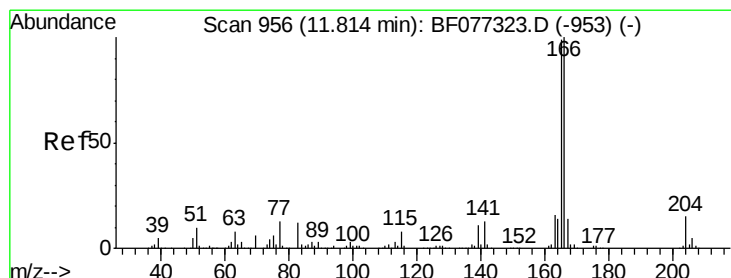
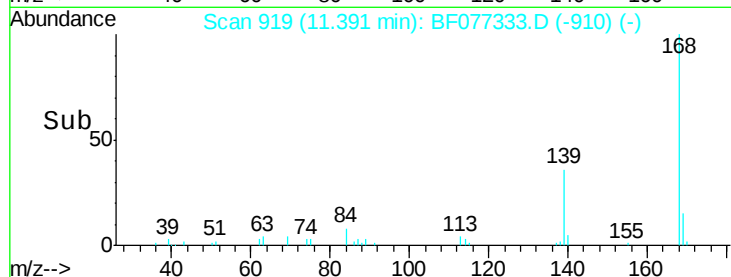
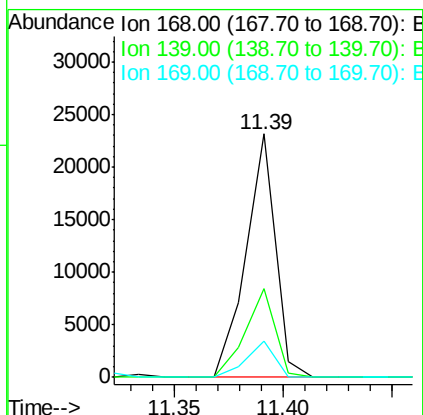
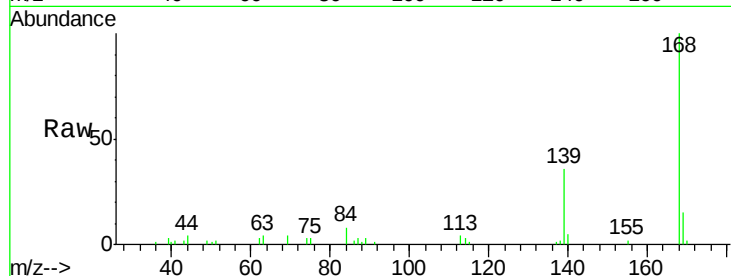




#54
Dibenzofuran
Concen: 2.18 ng
RT: 11.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

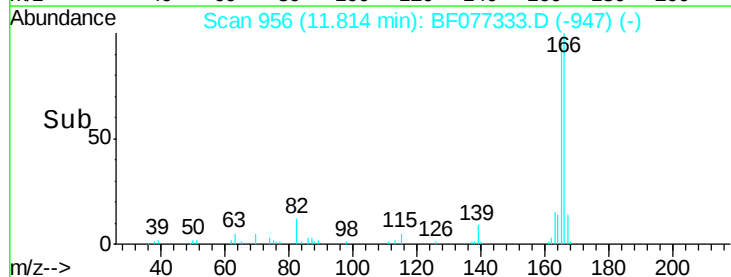
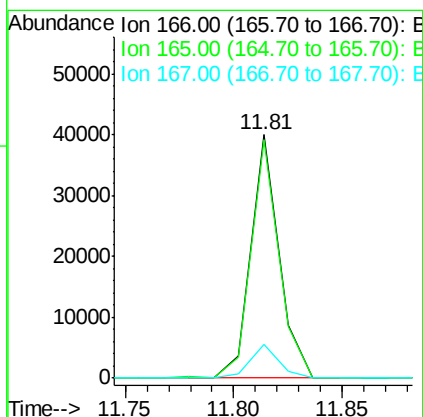
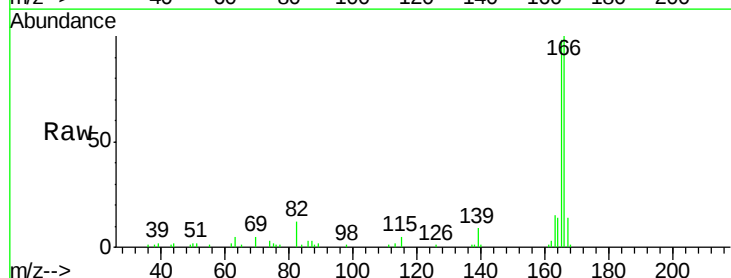
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115

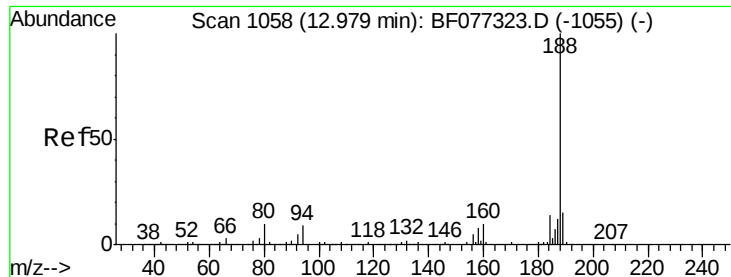
Tgt Ion:168 Resp: 21827
Ion Ratio Lower Upper
168 100
139 36.3 30.6 45.8
169 15.0 11.0 16.4



#57
Fluorene
Concen: 4.58 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:166 Resp: 35894
Ion Ratio Lower Upper
166 100
165 98.0 79.2 118.8
167 13.9 11.0 16.6

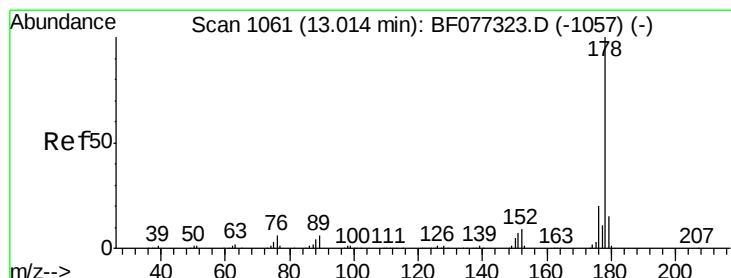
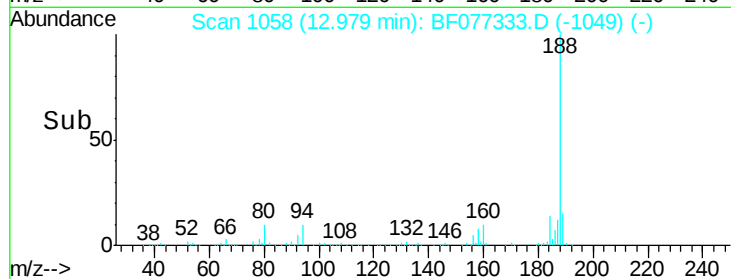
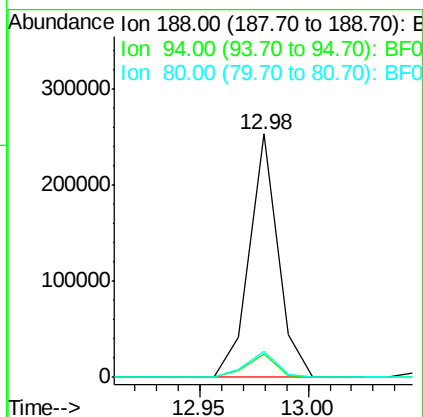
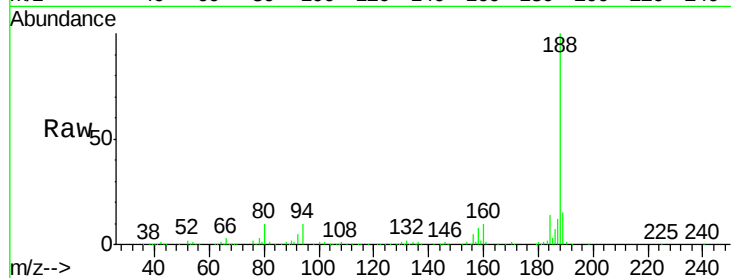




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

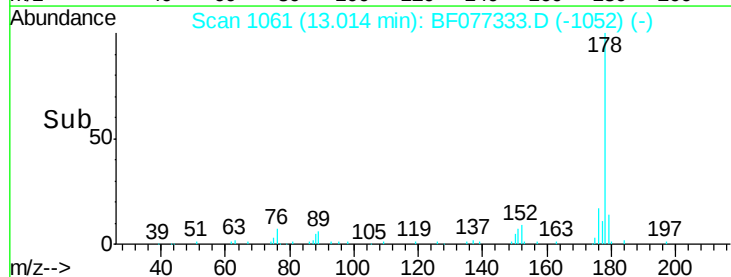
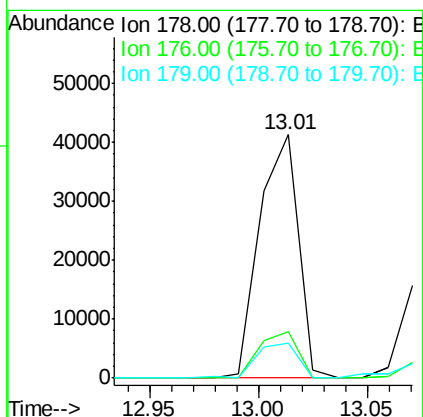
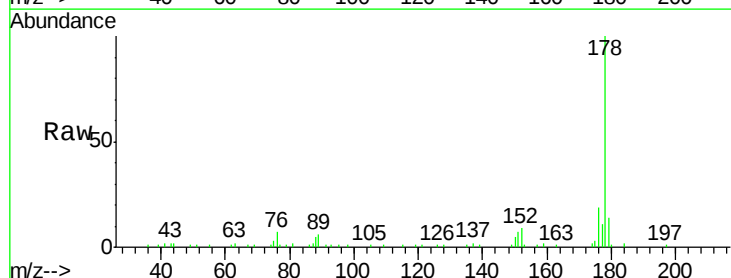
Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115

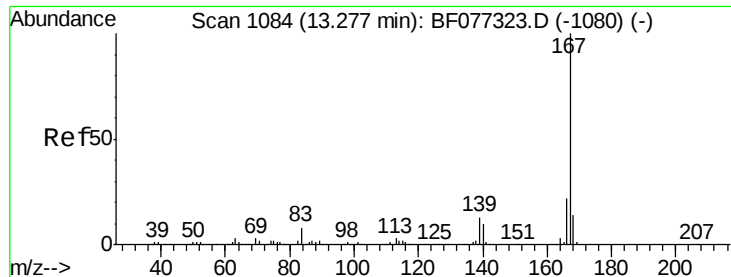
Tgt Ion:188 Resp: 233242
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.4 7.8 11.8



#70
Phenanthrene
Concen: 3.79 ng
RT: 13.01 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:178 Resp: 51417
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 14.3 12.3 18.5





#72

Carbazole

Concen: 30.39 ng

RT: 13.28 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

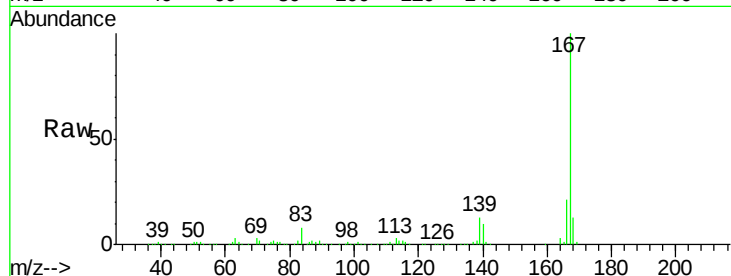
Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115

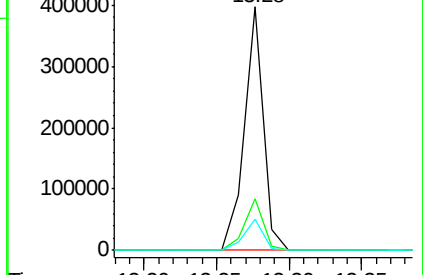
Tgt Ion:	167	Resp:	360105
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	12.9	10.6	15.8



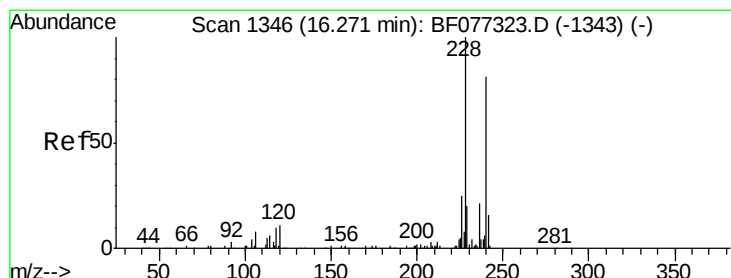
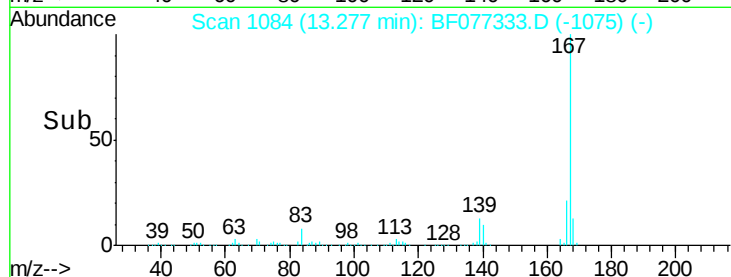
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 13.20 13.25 13.30 13.35



#75

Chrysene-d12

Concen: 20.00 ng

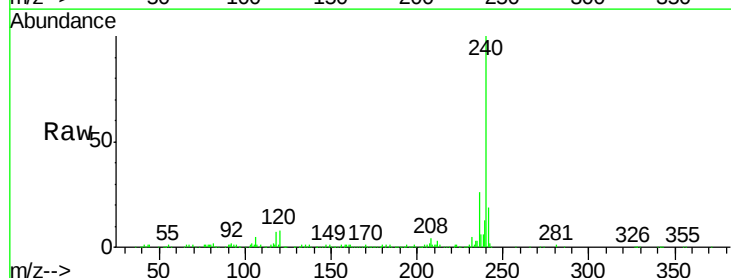
RT: 16.28 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

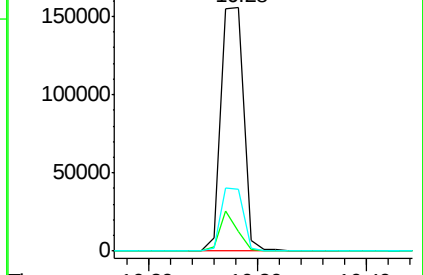
Tgt Ion:	240	Resp:	225622
Ion	Ratio	Lower	Upper
240	100		
120	7.8	11.3	16.9#
236	25.6	20.3	30.5



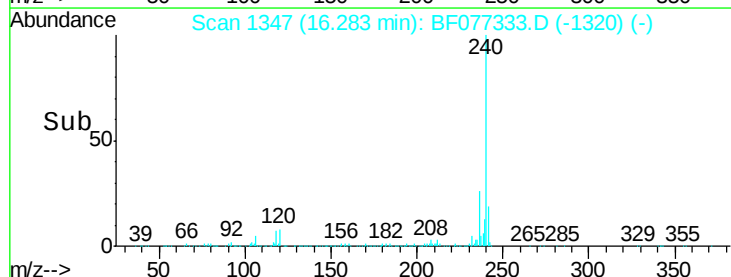
Abundance Ion 240.00 (239.70 to 240.70): E

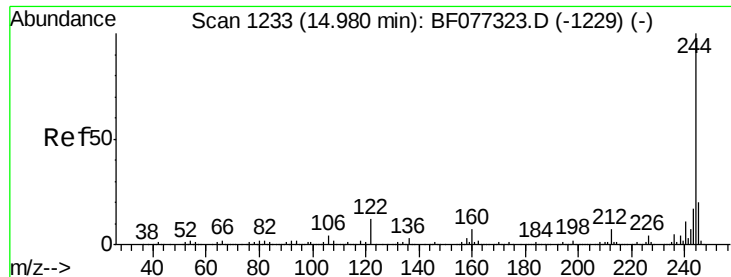
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 16.20 16.30 16.40





#78

Terphenyl-d14

Concen: 91.55 ng

RT: 14.98 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

Instrument :

BNA_F

ClientSampleId :

DCW-WC-062-21115

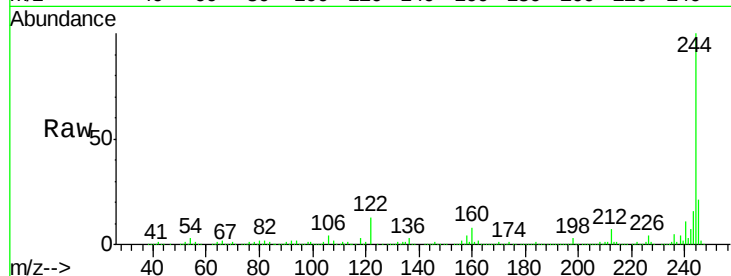
Tgt Ion:244 Resp: 908574

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

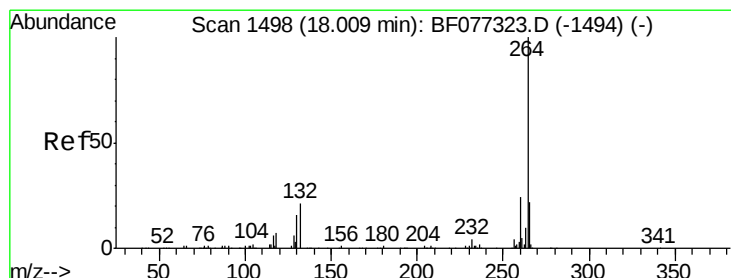
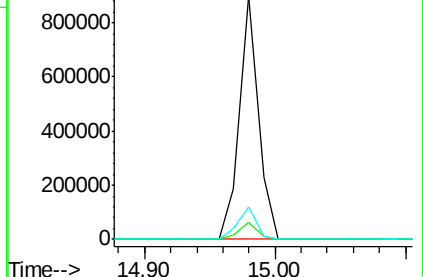
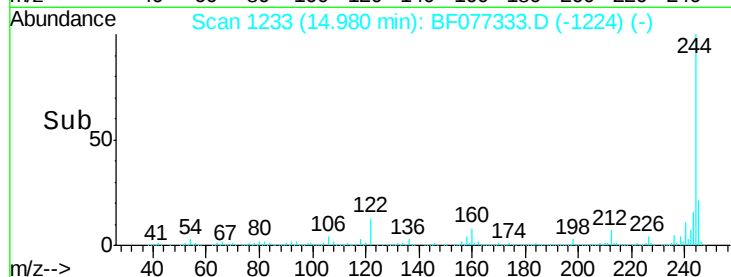
122 13.3 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.03 min Scan# 1500

Delta R.T. 0.02 min

Lab File: BF077333.D

Acq: 18 Feb 2015 00:46

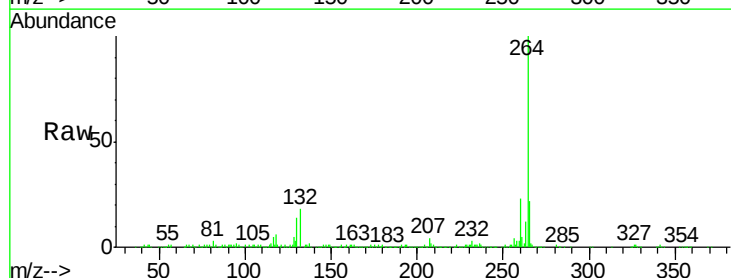
Tgt Ion:264 Resp: 226414

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

