

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077342.D
 Acq On : 18 Feb 2015 5:03
 Operator : TP/IZ
 Sample : G1302-03
 Misc : W
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08A

Quant Time: Feb 18 06:46:02 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

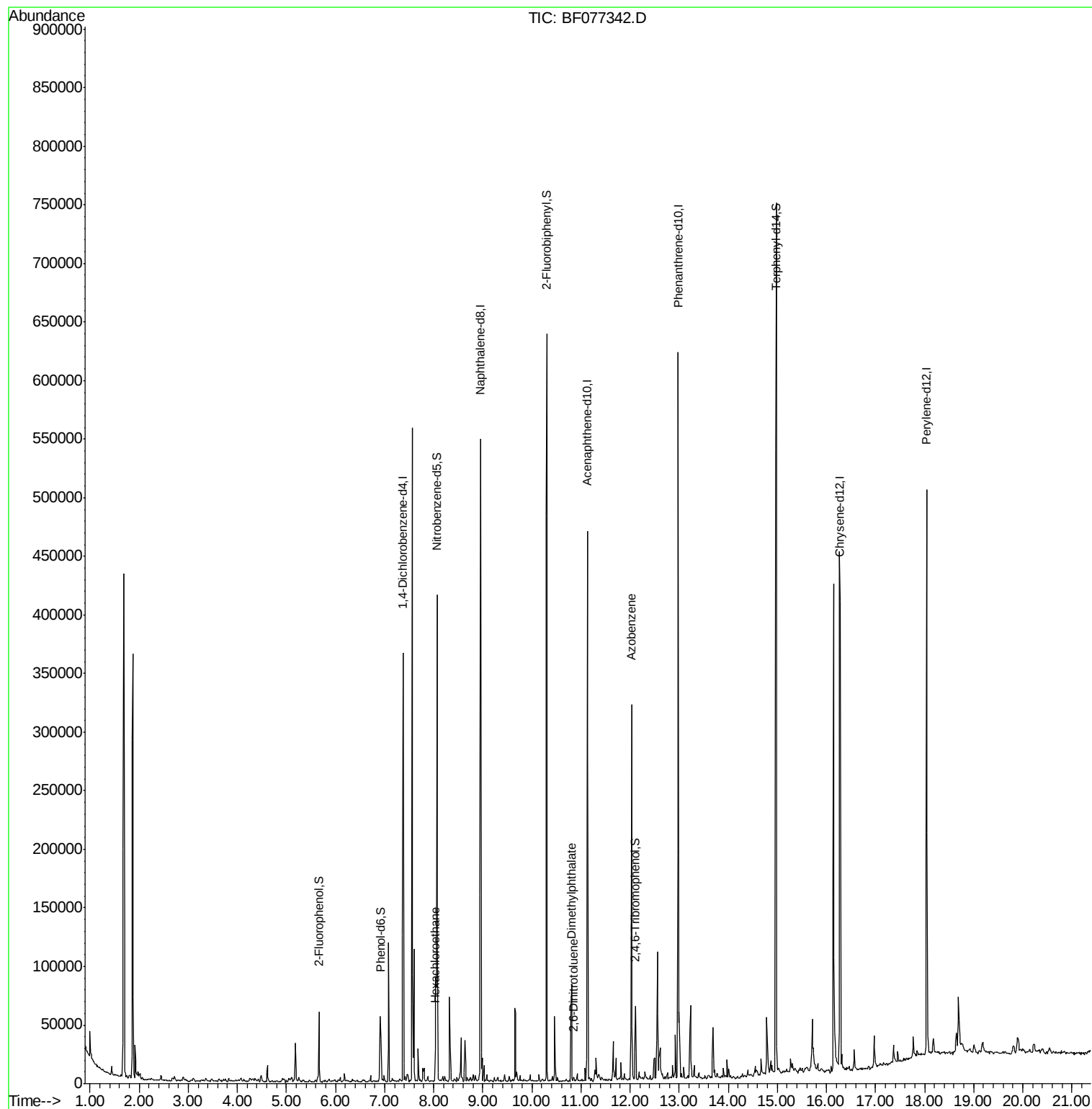
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	59515	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	245641	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	113010	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	236648	20.00	ng	0.00
75) Chrysene-d12	16.28	240	234158	20.00	ng	0.01
86) Perylene-d12	18.04	264	225315	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	16681	4.79	ng	0.00
7) Phenol-d6	6.91	99	18116	3.98	ng	-0.01
23) Nitrobenzene-d5	8.06	82	116204	32.76	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	9089	9.82	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	271142	36.17	ng	0.00
78) Terphenyl-d14	14.98	244	320149	31.08	ng	0.00
Target Compounds						
18) Hexachloroethane	8.03	117	6867	4.44	ng	# 32
49) Dimethylphthalate	10.81	163	47756	6.14	ng	# 99
50) 2,6-Dinitrotoluene	10.85	165	739	2.23	ng	# 14
62) Azobenzene	12.03	77	56612	7.06	ng	# 1
83) Bis(2-ethylhexyl)phthalate	16.32	149	3383	Below Cal		# 99

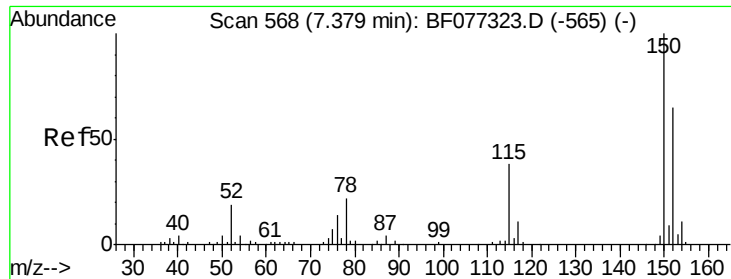
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077342.D

Acq: 18 Feb 2015 5:03

Instrument :

BNA_F

ClientSampled :

FYMW-08A

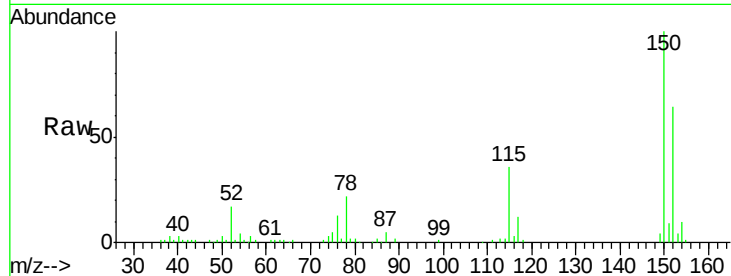
Tgt Ion:152 Resp: 59515

Ion Ratio Lower Upper

152 100

150 156.8 123.1 184.7

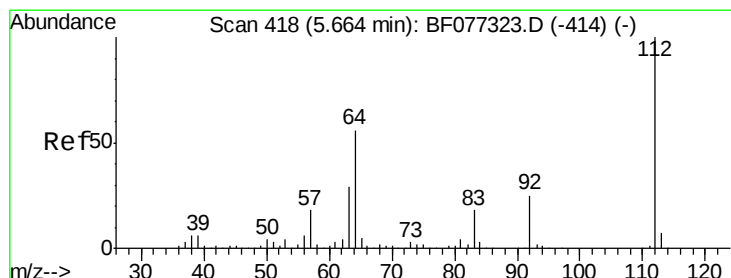
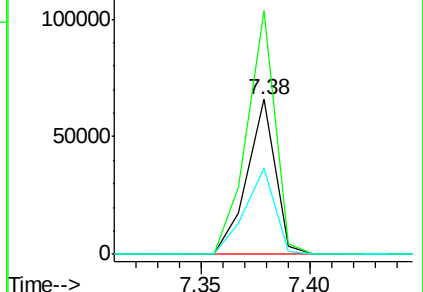
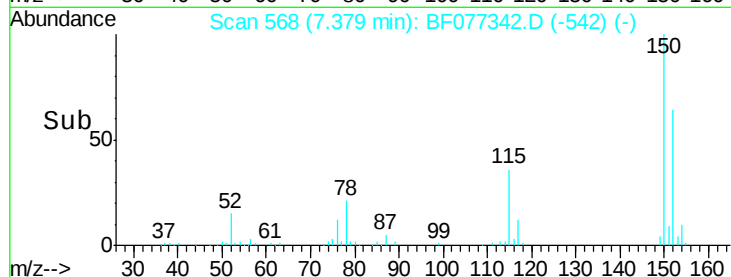
115 55.7 46.2 69.4



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: 4.79 ng

RT: 5.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF077342.D

Acq: 18 Feb 2015 5:03

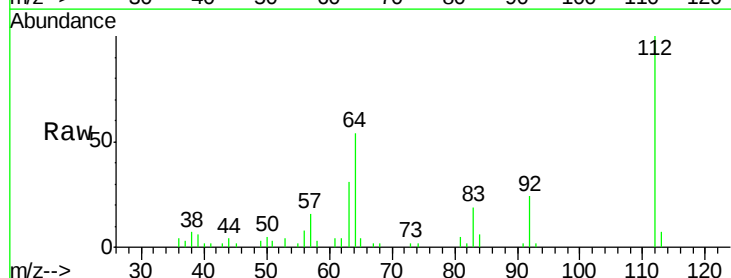
Tgt Ion:112 Resp: 16681

Ion Ratio Lower Upper

112 100

64 54.2 44.7 67.1

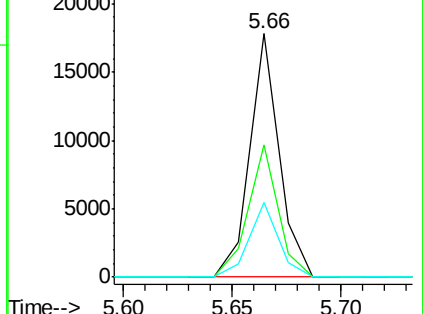
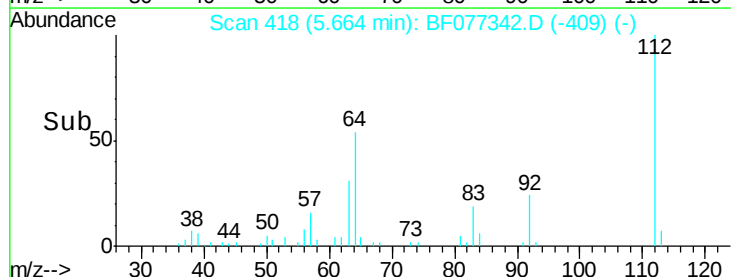
63 30.6 23.3 34.9

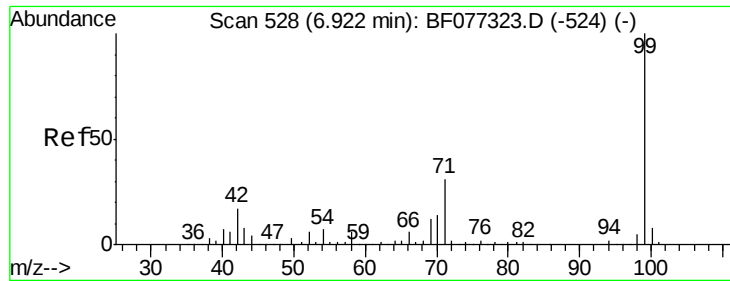


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.98 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF077342.D

Acq: 18 Feb 2015 5:03

Instrument :

BNA_F

ClientSampled :

FYMW-08A

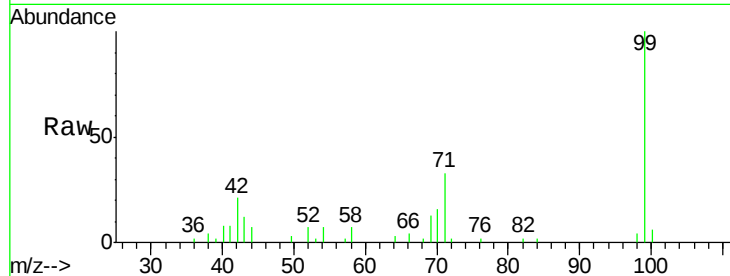
Tgt Ion: 99 Resp: 18116

Ion Ratio Lower Upper

99 100

42 20.7 13.8 20.6#

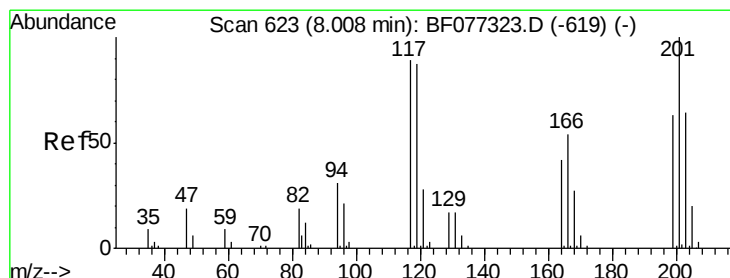
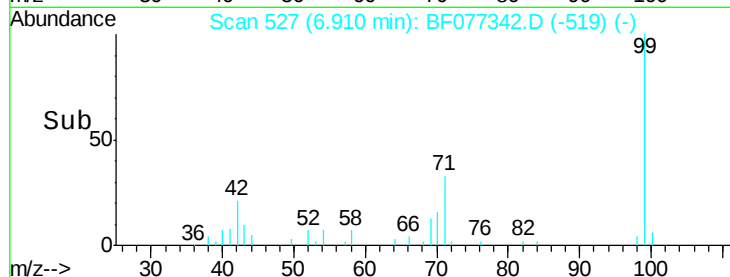
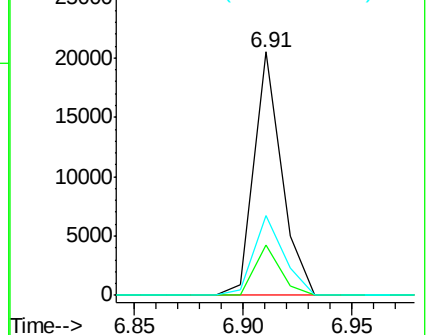
71 32.8 24.6 37.0



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



#18

Hexachloroethane

Concen: 4.44 ng

RT: 8.03 min Scan# 625

Delta R.T. 0.02 min

Lab File: BF077342.D

Acq: 18 Feb 2015 5:03

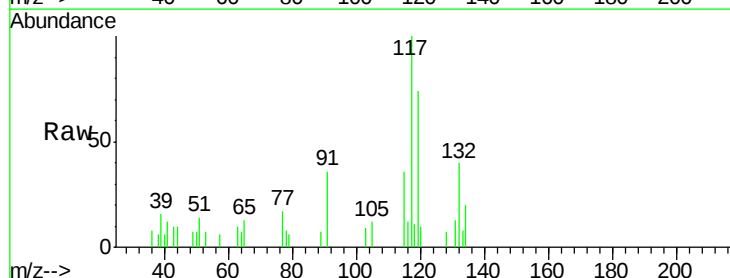
Tgt Ion: 117 Resp: 6867

Ion Ratio Lower Upper

117 100

119 74.0 78.4 117.6#

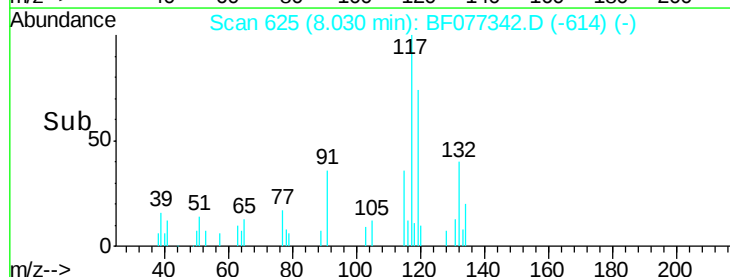
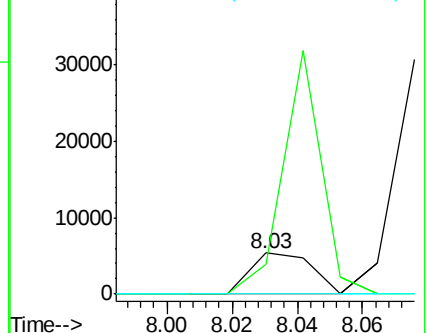
201 0.0 90.1 135.1#

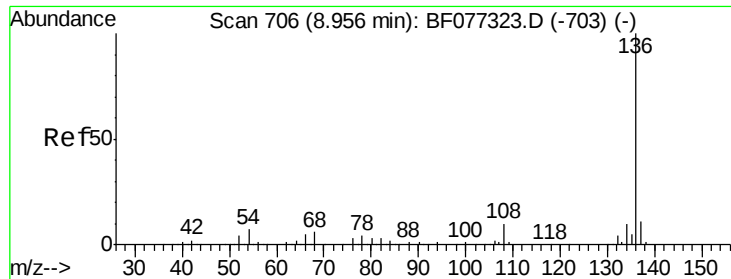


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

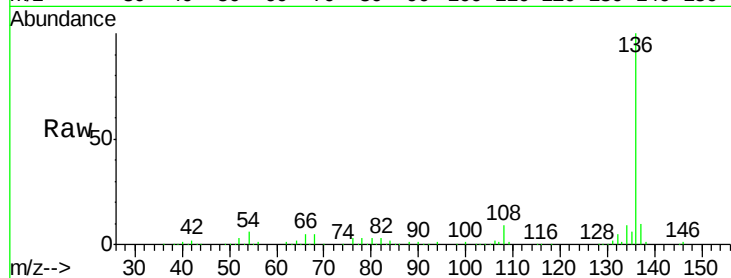




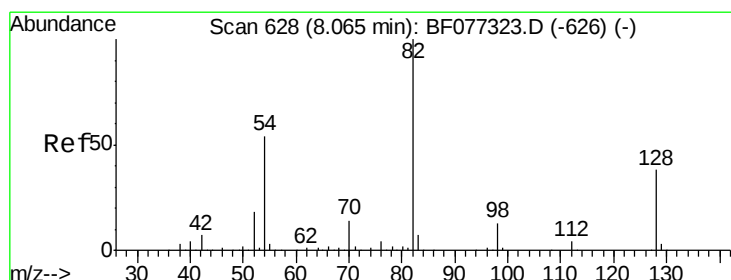
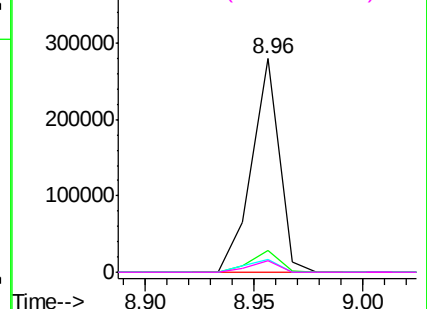
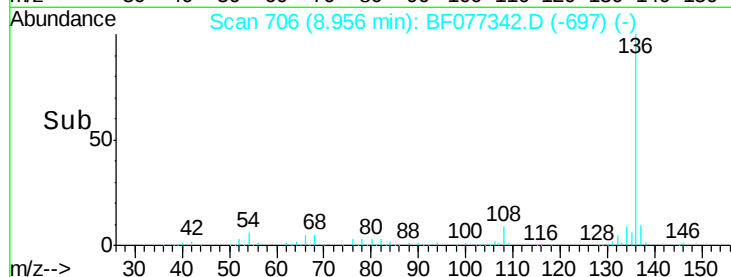
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077342.D
Acq: 18 Feb 2015 5:03

Instrument :
BNA_F
ClientSampleId :
FYMW-08A

Tgt Ion:	136	Resp:	245641
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.3	5.8	8.6
68	5.1	4.6	6.8

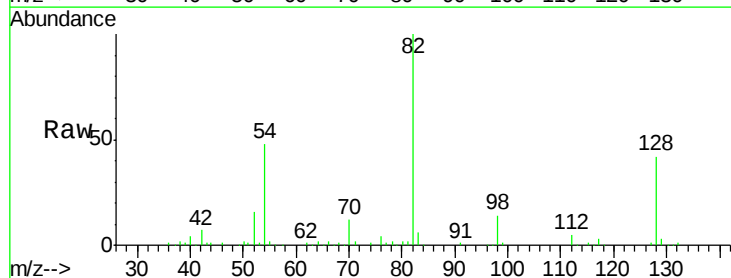


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

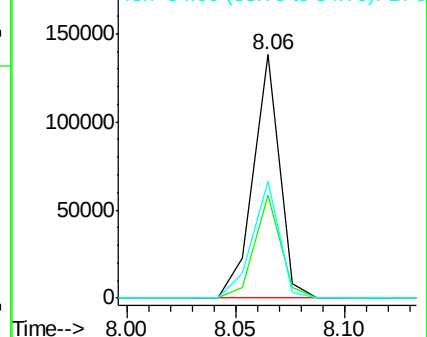
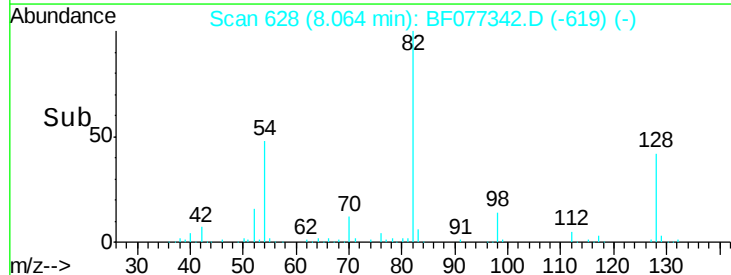


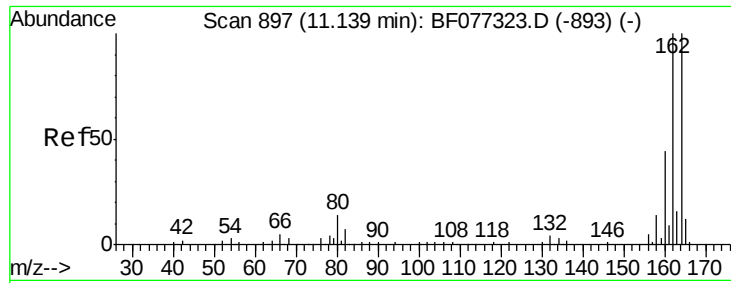
#23
Nitrobenzene-d5
Concen: 32.76 ng
RT: 8.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF077342.D
Acq: 18 Feb 2015 5:03

Tgt Ion:	82	Resp:	116204
Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.7	46.1
54	48.1	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

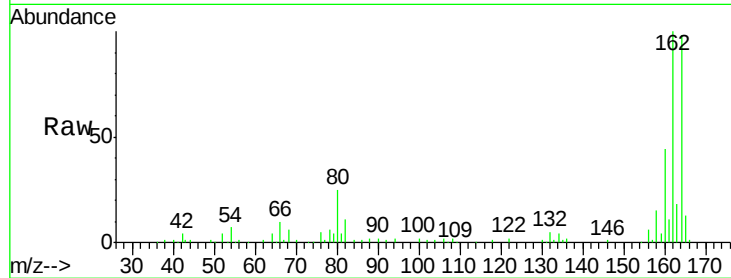




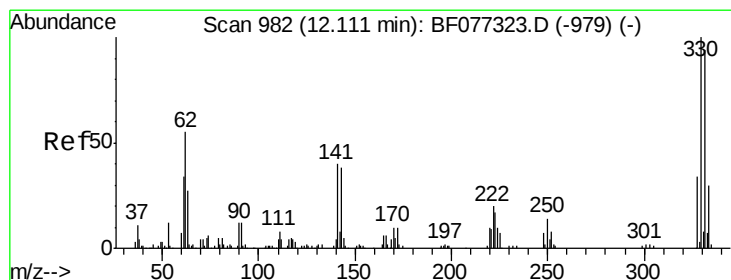
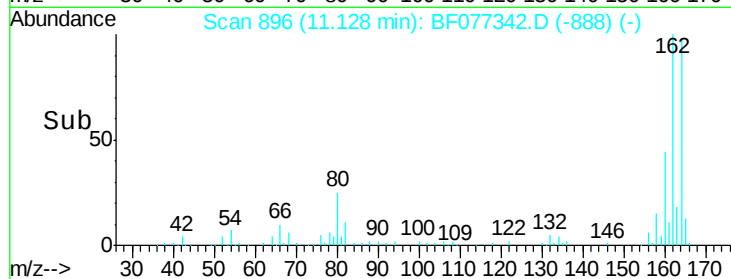
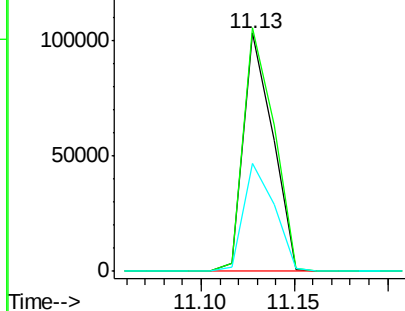
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08A

Tgt Ion:164 Resp: 113010
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.4 120.6
 160 45.2 35.3 52.9

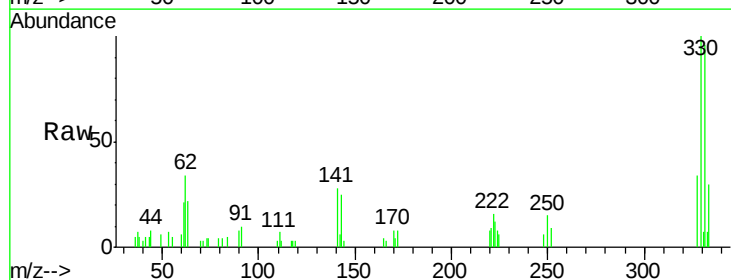


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

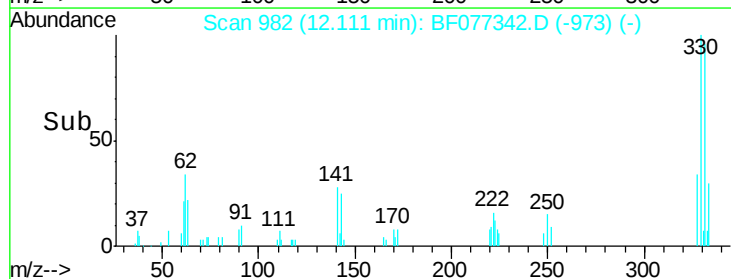
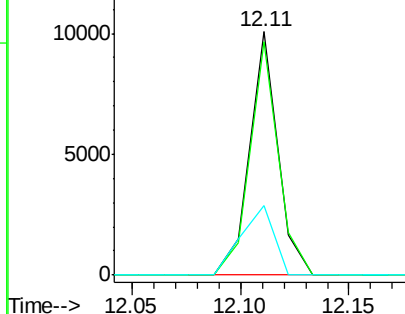


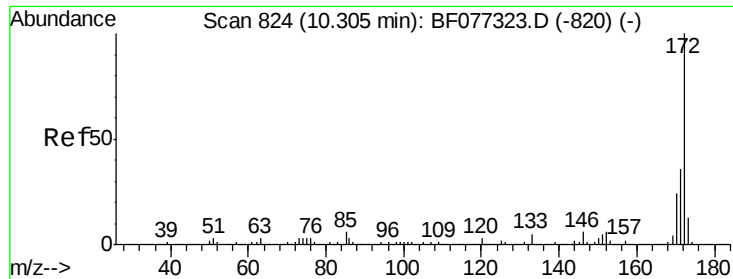
#41
 2,4,6-Tribromophenol
 Concen: 9.82 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

Tgt Ion:330 Resp: 9089
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.1 114.1
 141 33.0 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

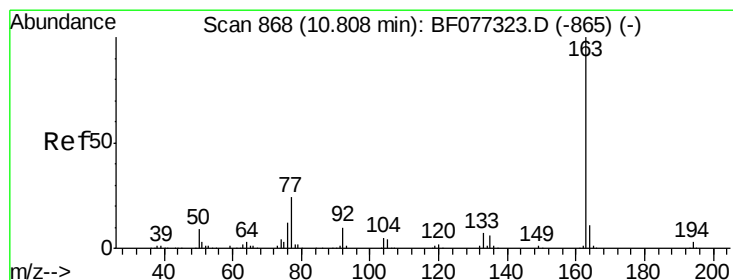
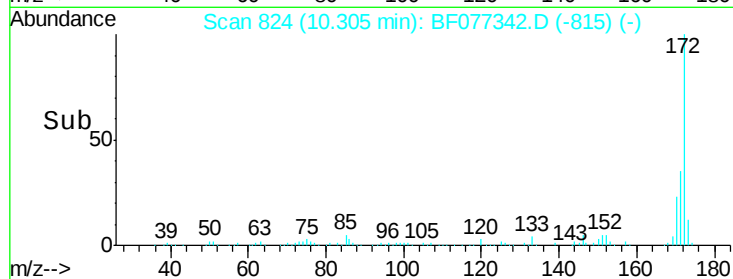
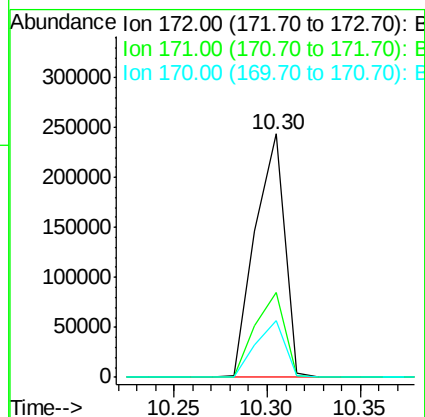
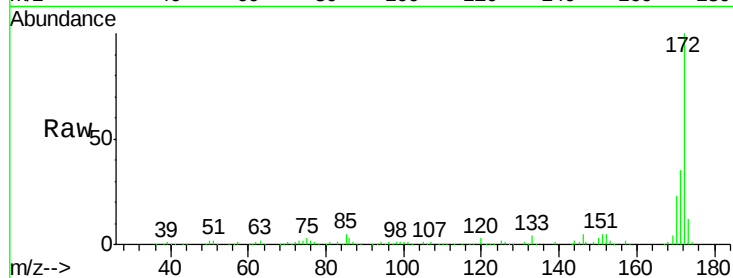




#44
 2-Fluorobiphenyl
 Concen: 36.17 ng
 RT: 10.30 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

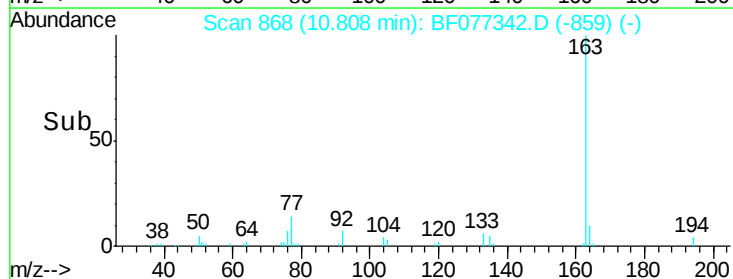
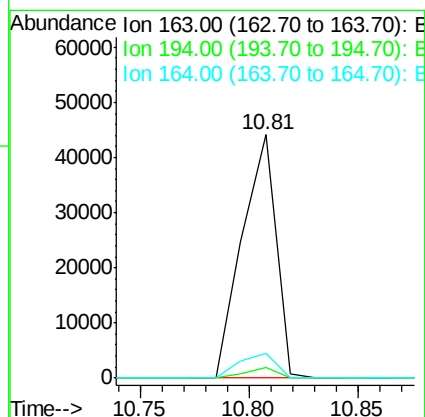
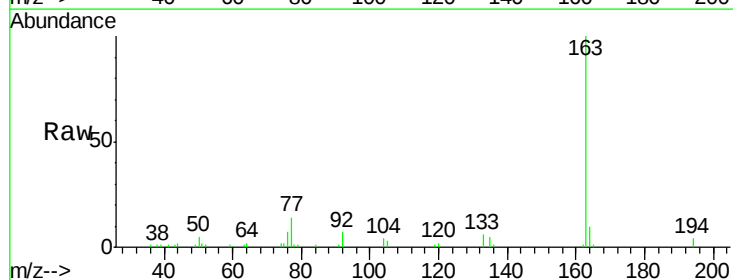
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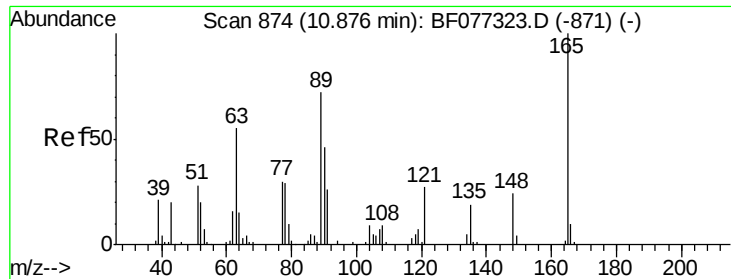
Tgt Ion:172 Resp: 271142
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.2 19.4 29.2



#49
 Dimethylphthalate
 Concen: 6.14 ng
 RT: 10.81 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

Tgt Ion:163 Resp: 47756
 Ion Ratio Lower Upper
 163 100
 194 4.3 2.6 3.8#
 164 10.2 8.4 12.6

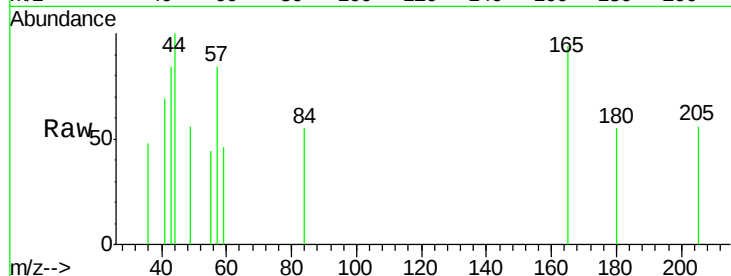




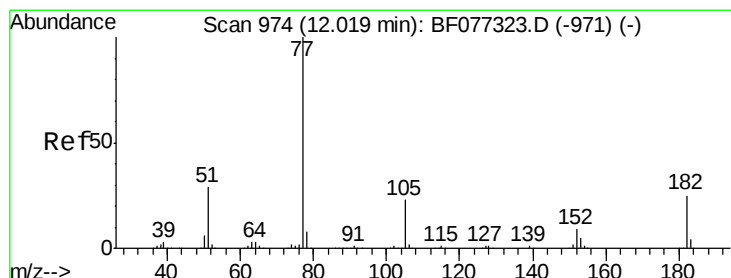
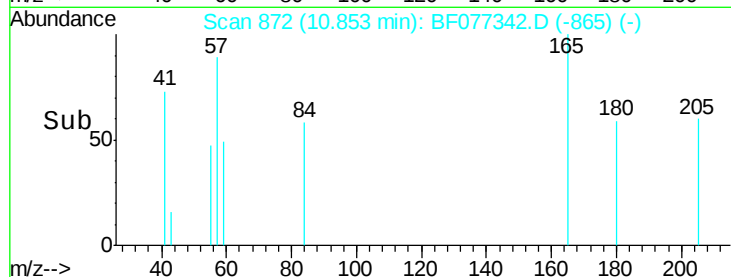
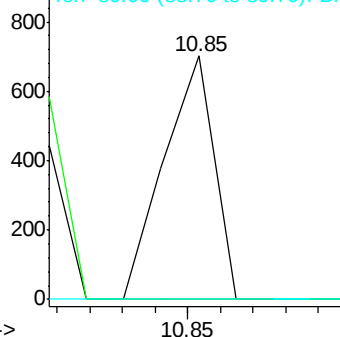
#50
 2,6-Dinitrotoluene
 Concen: 2.23 ng
 RT: 10.85 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08A

Tgt Ion: 165 Resp: 739
 Ion Ratio Lower Upper
 165 100
 63 0.0 57.2 85.8#
 89 0.0 57.8 86.6#

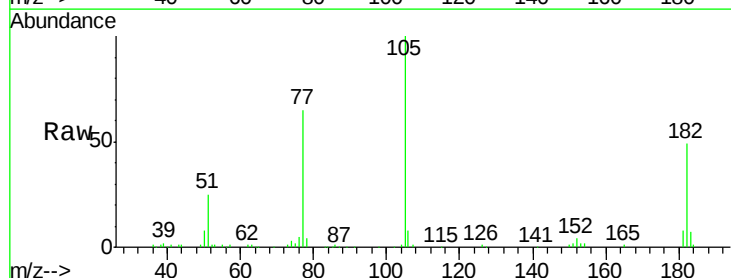


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

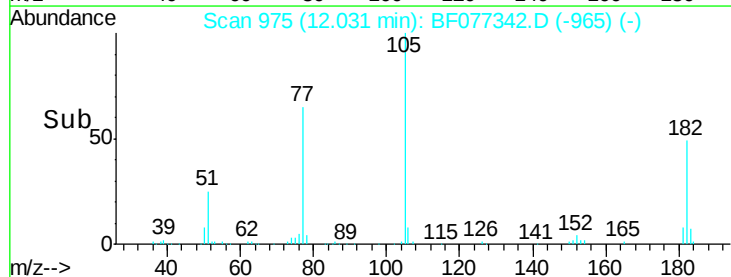
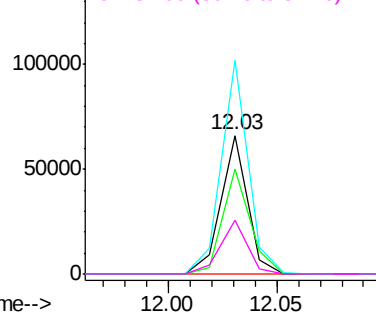


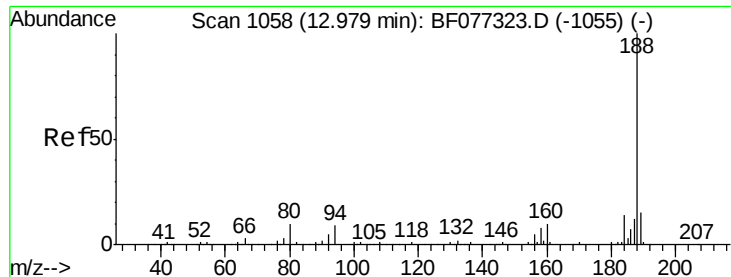
#62
 Azobenzene
 Concen: 7.06 ng
 RT: 12.03 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

Tgt Ion: 77 Resp: 56612
 Ion Ratio Lower Upper
 77 100
 182 75.7 5.0 45.0#
 105 154.4 3.3 43.3#
 51 38.4 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

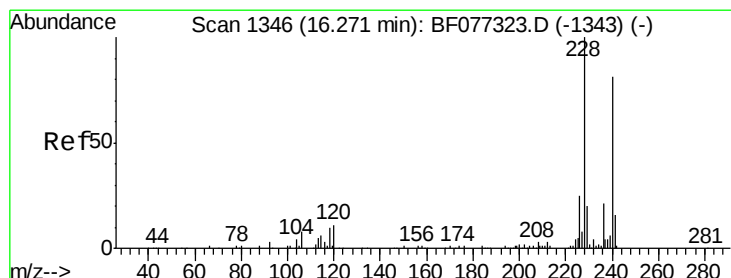
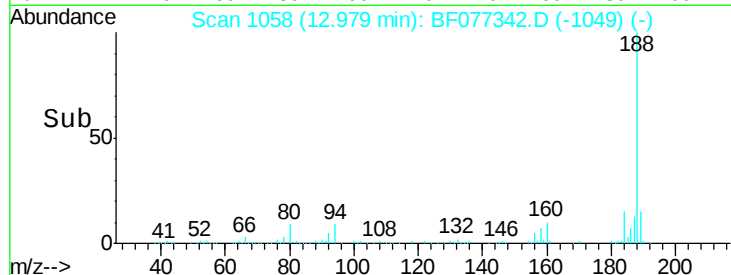
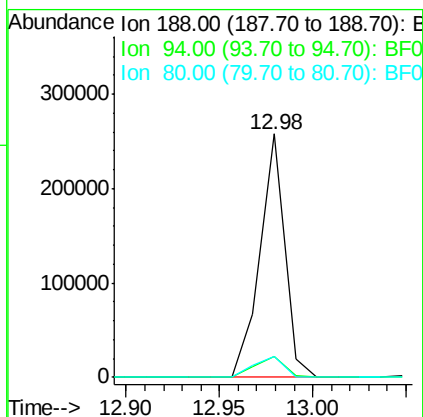
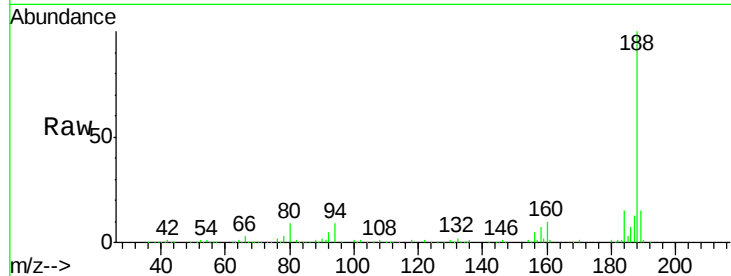




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF077342.D
Acq: 18 Feb 2015 5:03

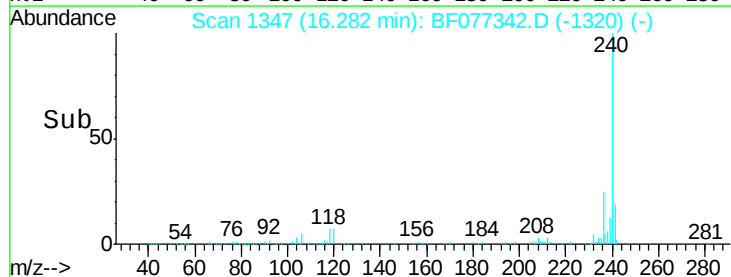
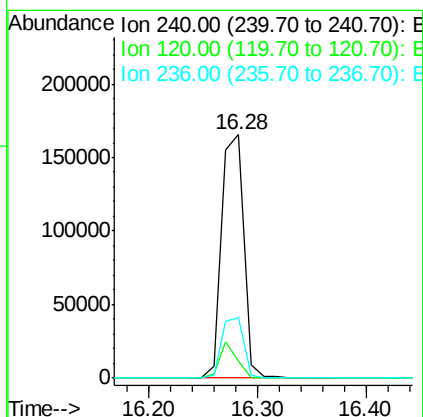
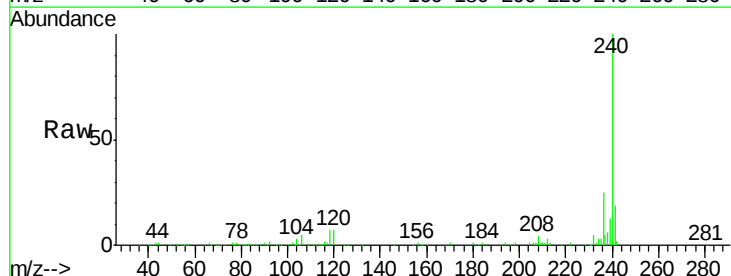
Instrument :
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ClientSampleId :
FYMW-08A

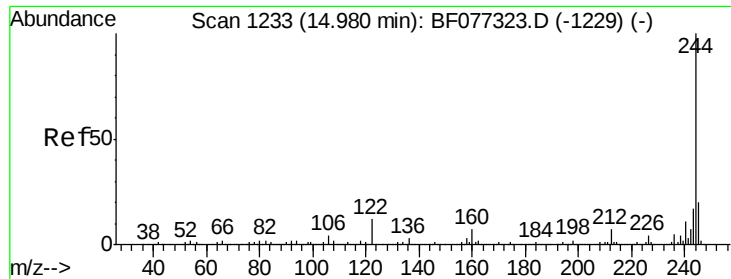
Tgt Ion:188 Resp: 236648
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF077342.D
Acq: 18 Feb 2015 5:03

Tgt Ion:240 Resp: 234158
Ion Ratio Lower Upper
240 100
120 7.2 11.3 16.9#
236 24.8 20.3 30.5

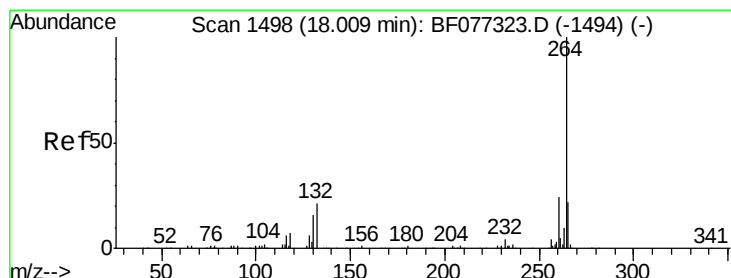
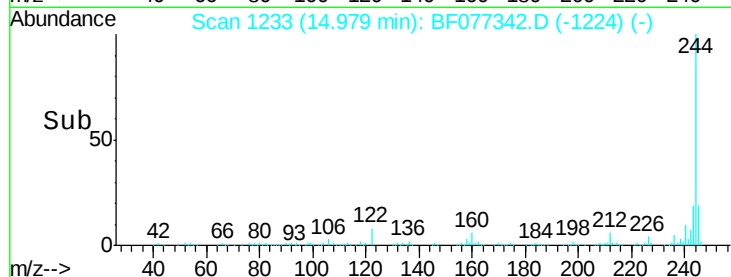
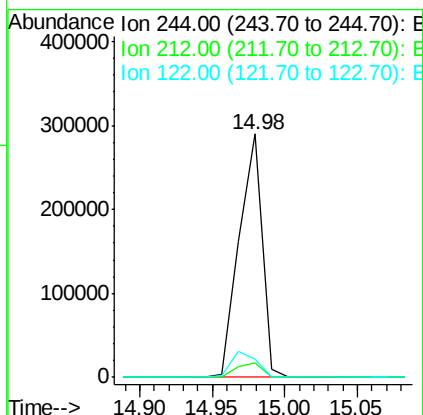
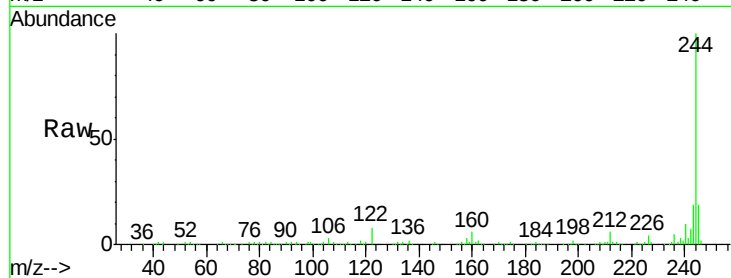




#78
 Terphenyl-d14
 Concen: 31.08 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	7.6	9.3	13.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.04 min Scan# 1501
 Delta R.T. 0.03 min
 Lab File: BF077342.D
 Acq: 18 Feb 2015 5:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.1	17.7	26.5

