

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080336.D
 Acq On : 3 Jul 2015 10:55
 Operator : TP/IZ
 Sample : G2873-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115

Quant Time: Jul 03 23:03:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

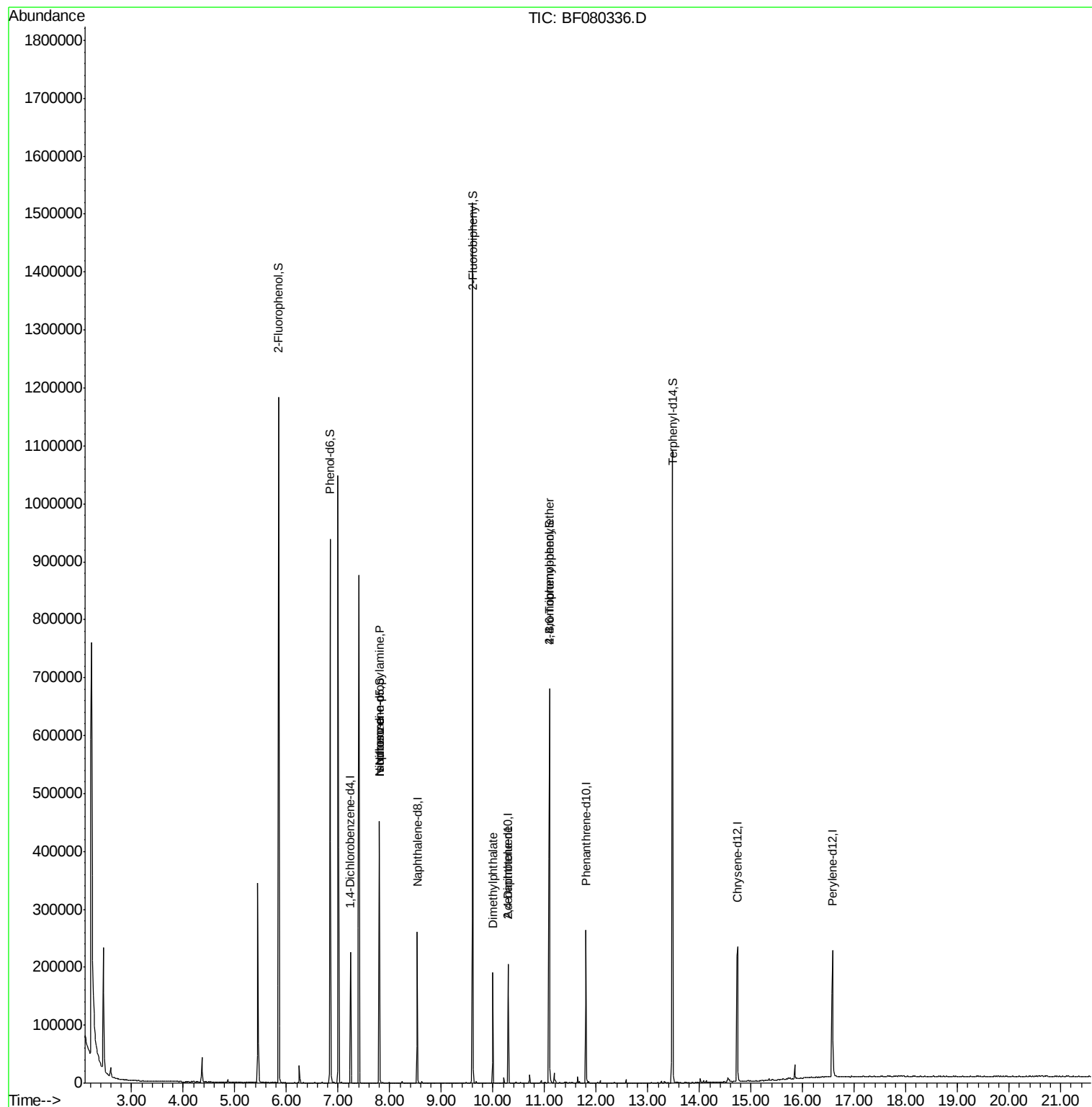
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	31459	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	114749	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	54754	20.00	ng	-0.01
63) Phenanthrene-d10	11.80	188	117980	20.00	ng	0.00
75) Chrysene-d12	14.74	240	132306	20.00	ng	0.02
86) Perylene-d12	16.58	264	126519	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	291237	160.32	ng	0.00
7) Phenol-d6	6.84	99	350620	143.78	ng	0.00
23) Nitrobenzene-d5	7.80	82	201029	96.46	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	95874	183.89	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	446056	117.25	ng	0.00
78) Terphenyl-d14	13.48	244	531592	94.11	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.80	70	25133	15.50	ng	# 73
25) Isophorone	7.80	82	200717	49.55	ng	# 65
49) Dimethylphthalate	10.00	163	77208	18.46	ng	100
56) 2,4-Dinitrotoluene	10.29	165	6837	6.17	ng	# 19
66) 4-Bromophenyl-phenylether	11.09	248	6131	4.81	ng	# 1

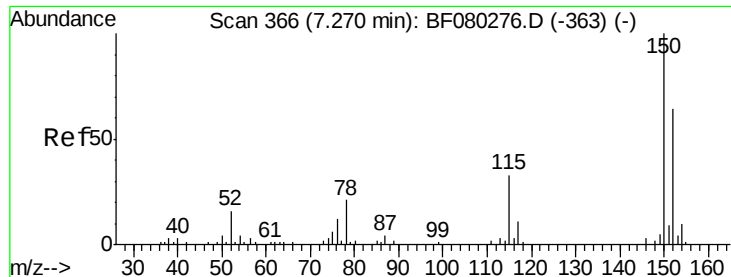
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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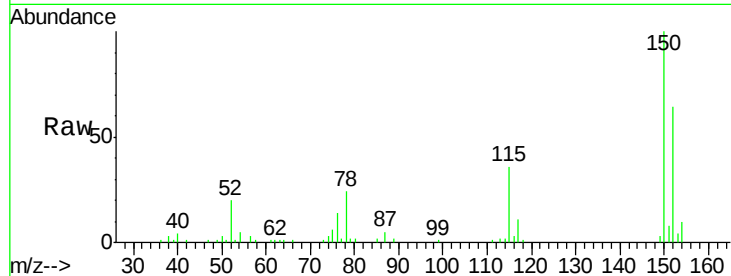


#1

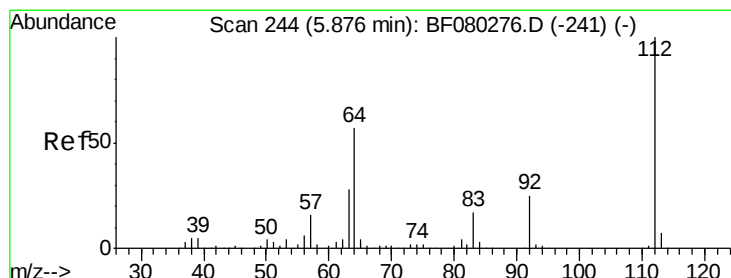
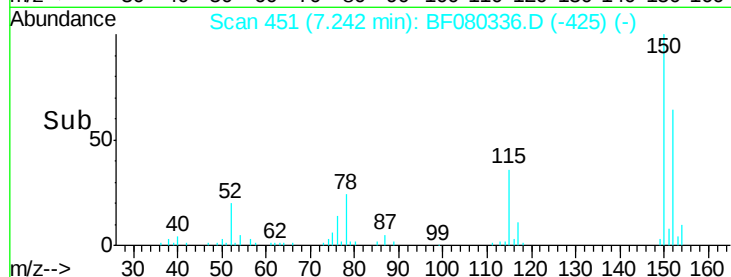
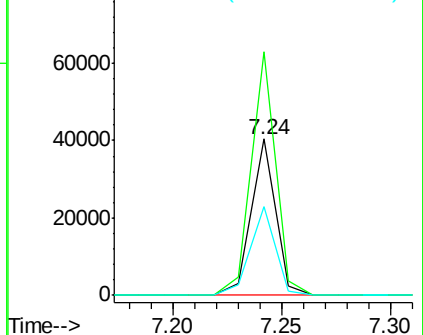
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF080336.D
 Acq: 3 Jul 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115

Tgt Ion:152 Resp: 31459
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.7 187.1
 115 56.7 41.0 61.6



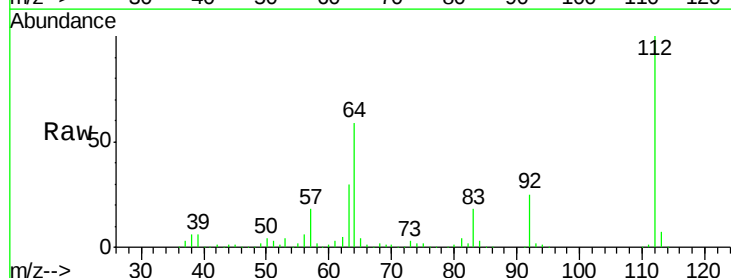
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



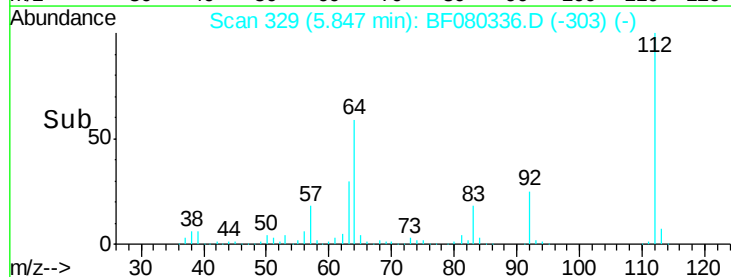
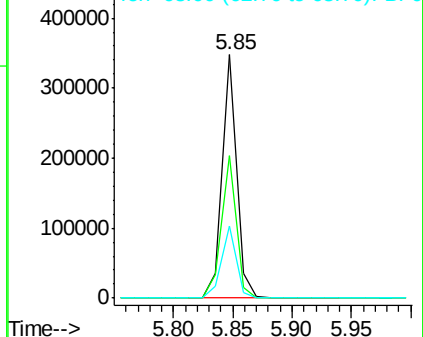
#5

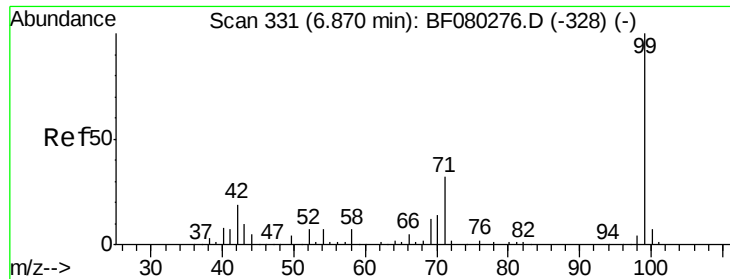
2-Fluorophenol
 Concen: 160.32 ng
 RT: 5.85 min Scan# 329
 Delta R.T. -0.00 min
 Lab File: BF080336.D
 Acq: 3 Jul 2015 10:55

Tgt Ion:112 Resp: 291237
 Ion Ratio Lower Upper
 112 100
 64 58.8 45.5 68.3
 63 29.8 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.78 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080336.D

Acq: 3 Jul 2015 10:55

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-2-070115

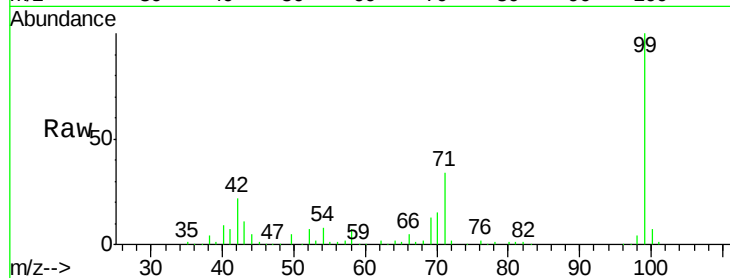
Tgt Ion: 99 Resp: 350620

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.2

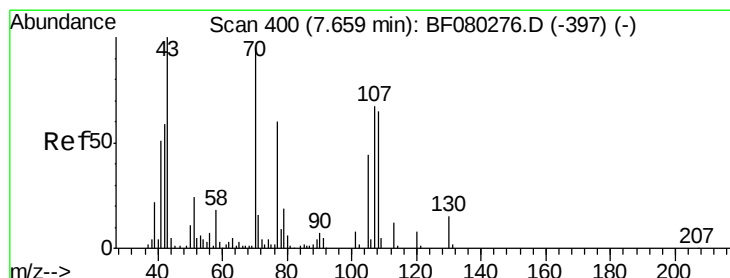
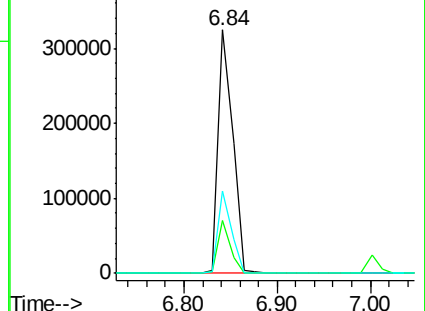
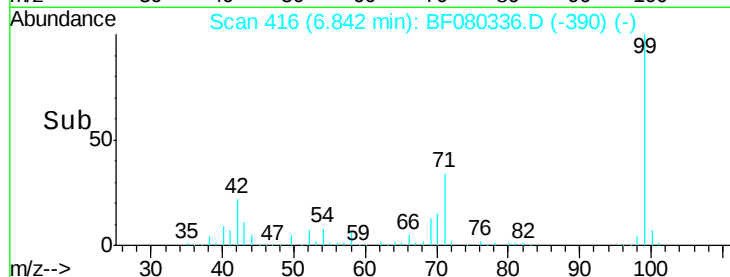
71 34.0 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.50 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.17 min

Lab File: BF080336.D

Acq: 3 Jul 2015 10:55

Tgt Ion: 70 Resp: 25133

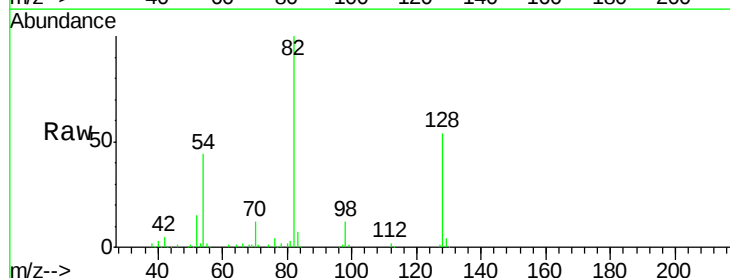
Ion Ratio Lower Upper

70 100

42 42.2 49.8 74.8#

101 0.0 6.8 10.2#

130 2.3 13.0 19.4#

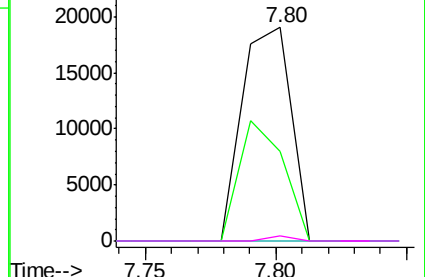
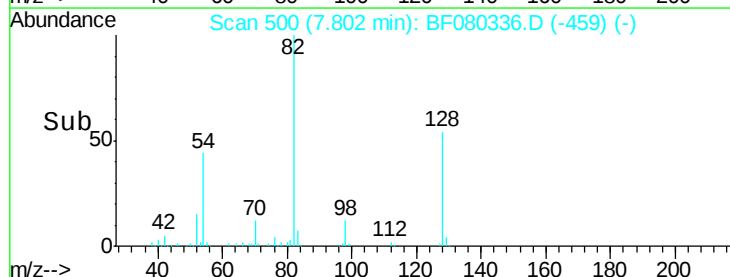


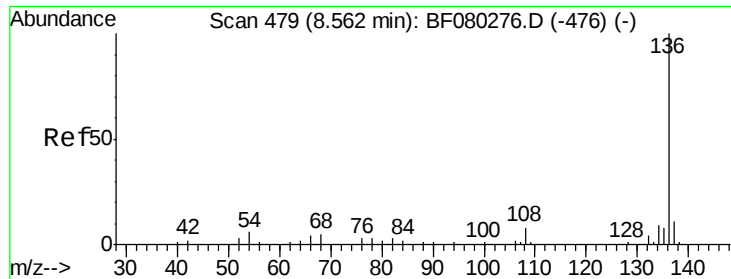
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

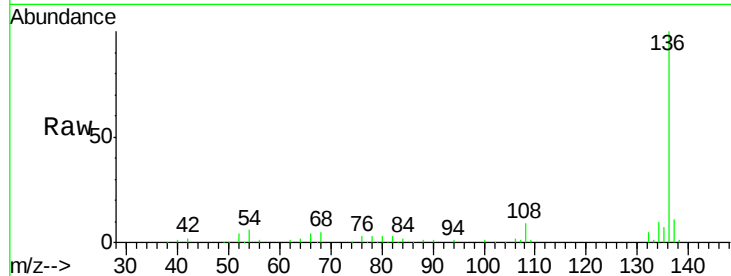




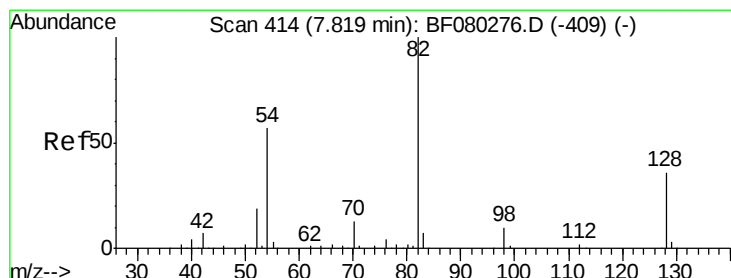
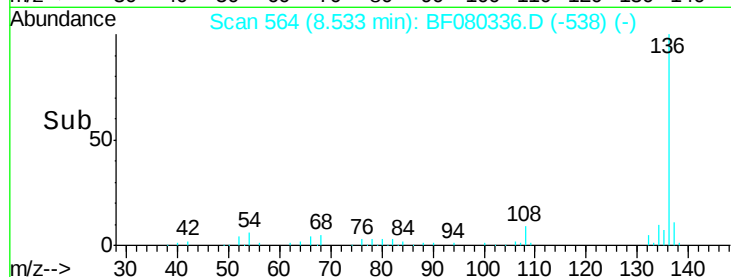
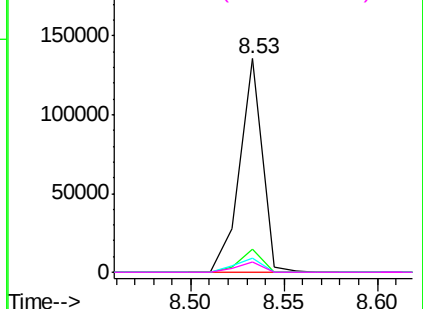
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080336.D
Acq: 3 Jul 2015 10:55

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115

Tgt Ion:	136	Resp:	114749
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.4	4.9	7.3
68	4.8	4.0	6.0

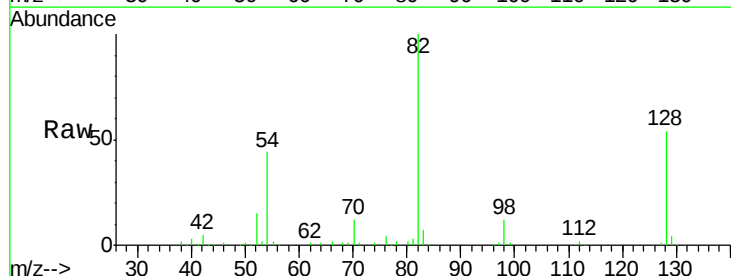


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

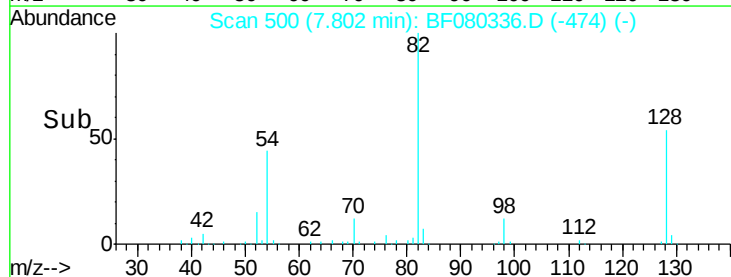
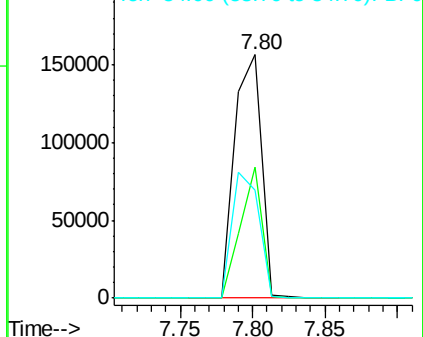


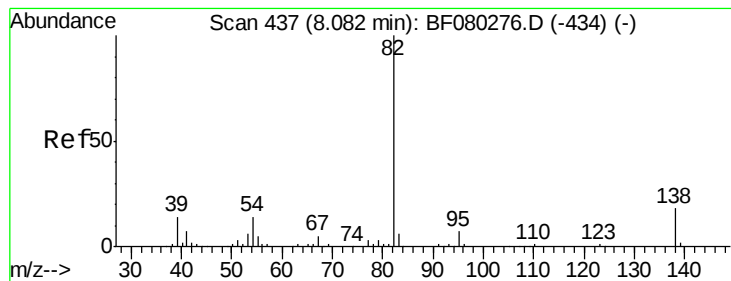
#23
Nitrobenzene-d5
Concen: 96.46 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF080336.D
Acq: 3 Jul 2015 10:55

Tgt Ion:	82	Resp:	201029
Ion	Ratio	Lower	Upper
82	100		
128	53.9	29.0	43.4#
54	44.2	45.3	67.9#



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





#25

Isophorone

Concen: 49.55 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.25 min

Lab File: BF080336.D

Acq: 3 Jul 2015 10:55

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-2-070115

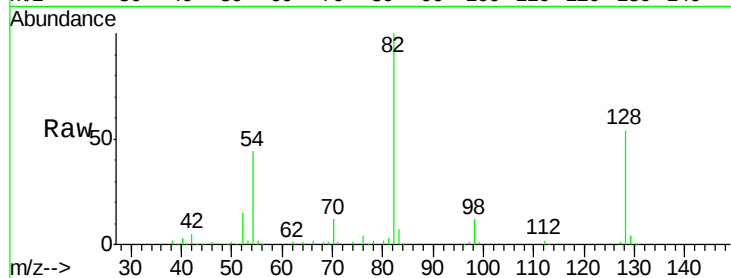
Tgt Ion: 82 Resp: 200717

Ion Ratio Lower Upper

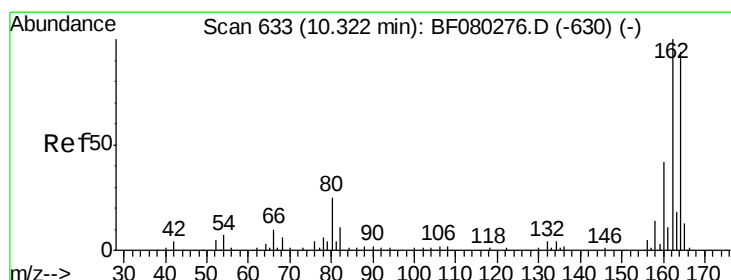
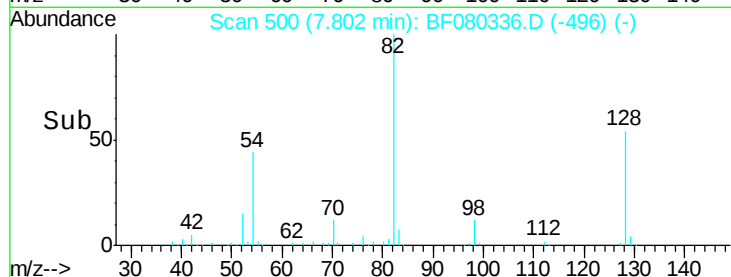
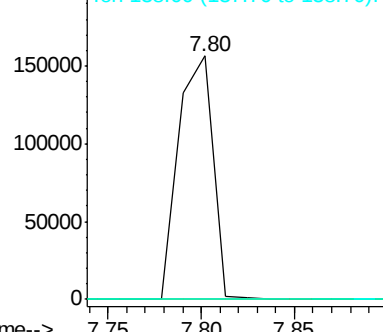
82 100

95 0.0 5.3 7.9#

138 0.0 14.4 21.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF080336.D

Acq: 3 Jul 2015 10:55

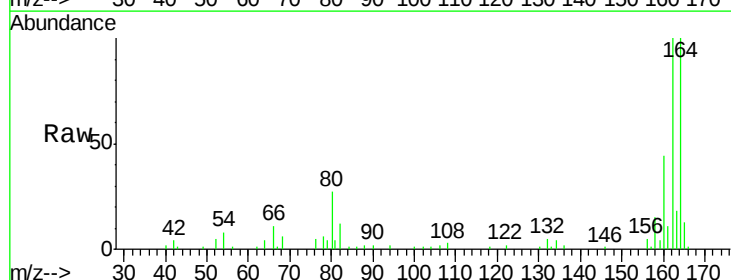
Tgt Ion: 164 Resp: 54754

Ion Ratio Lower Upper

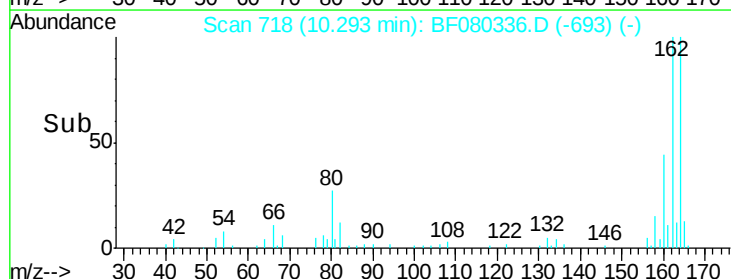
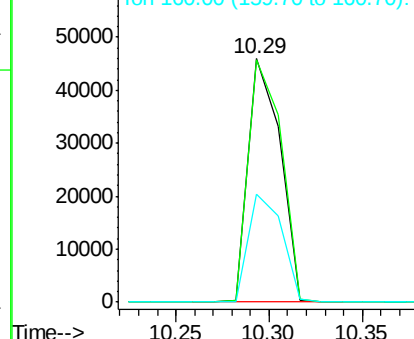
164 100

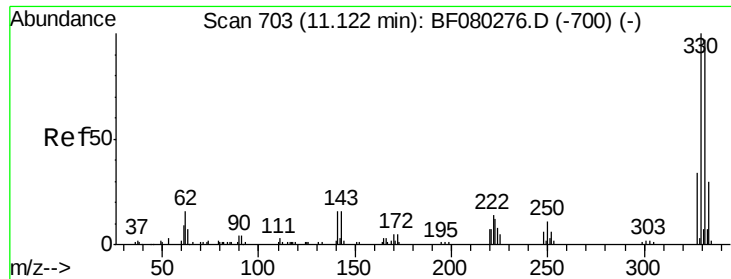
162 99.7 84.8 127.2

160 44.1 35.8 53.8



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

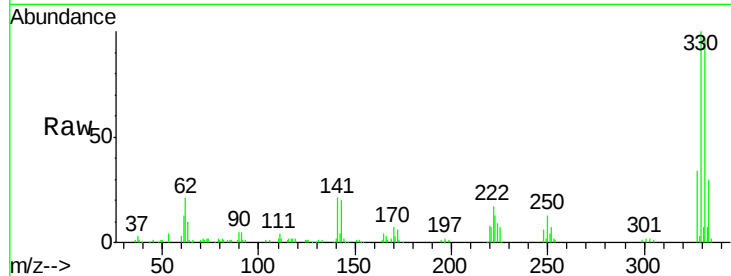




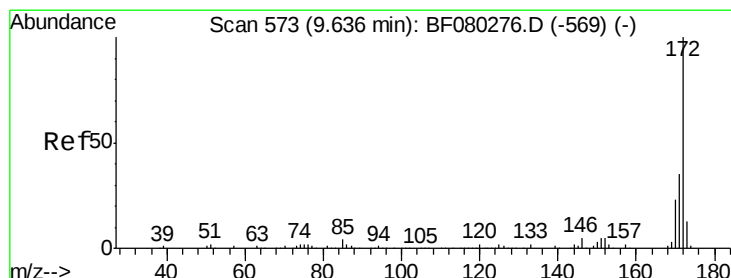
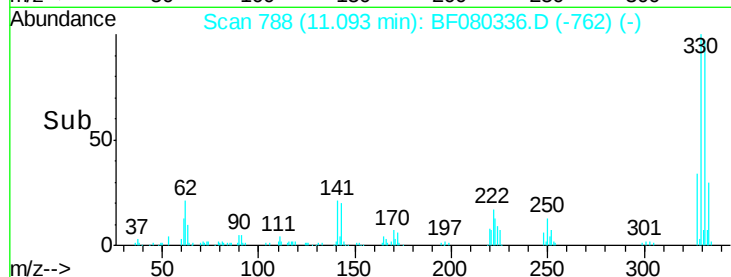
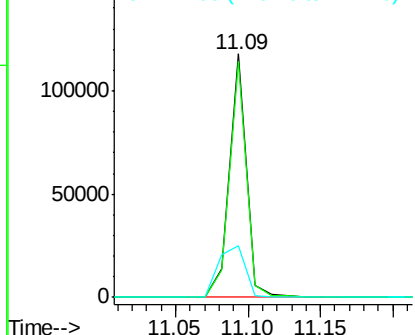
#41
 2,4,6-Tribromophenol
 Concen: 183.89 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080336.D
 Acq: 3 Jul 2015 10:55

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115

Tgt Ion:330 Resp: 95874
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 33.7 28.0 42.0

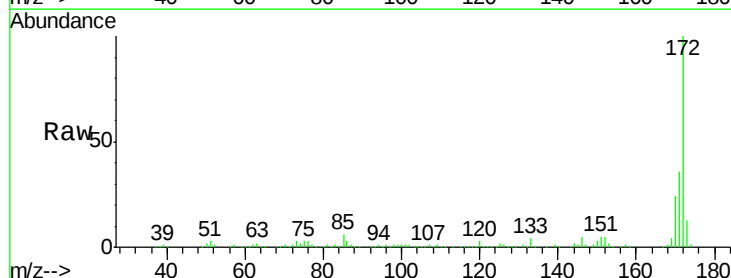


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

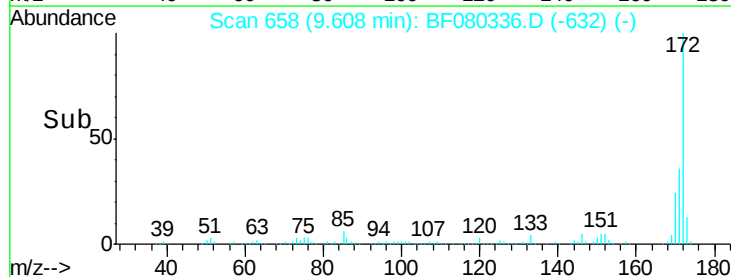
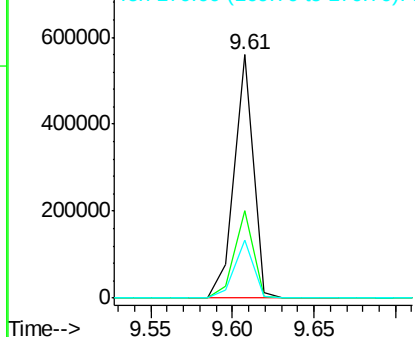


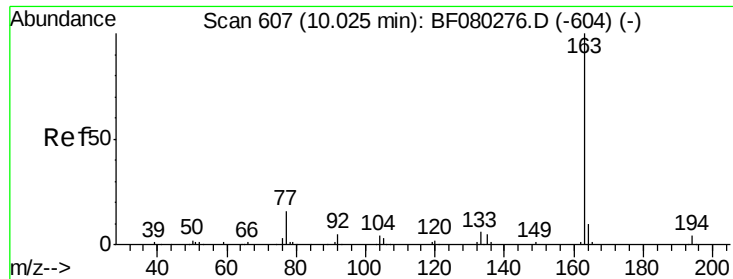
#44
 2-Fluorobiphenyl
 Concen: 117.25 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080336.D
 Acq: 3 Jul 2015 10:55

Tgt Ion:172 Resp: 446056
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.1 42.1
 170 24.0 18.6 28.0



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

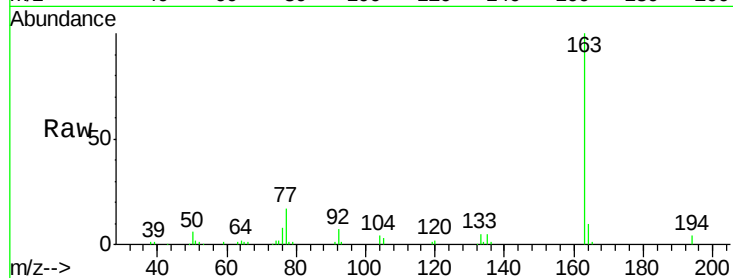




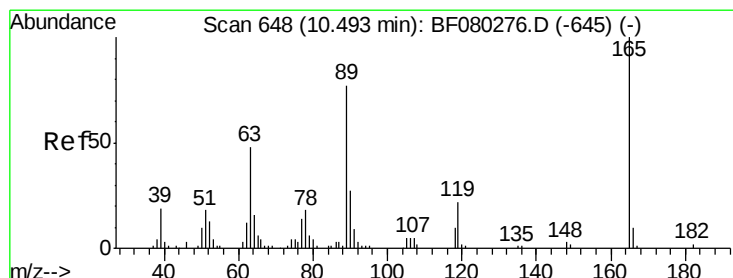
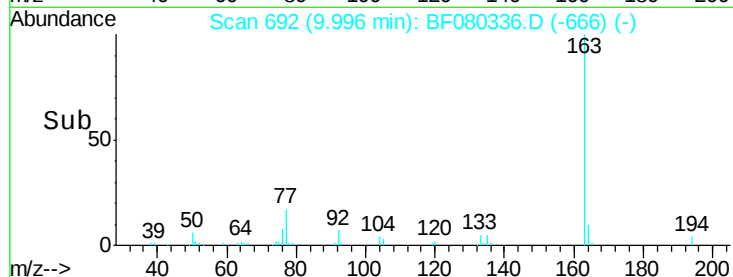
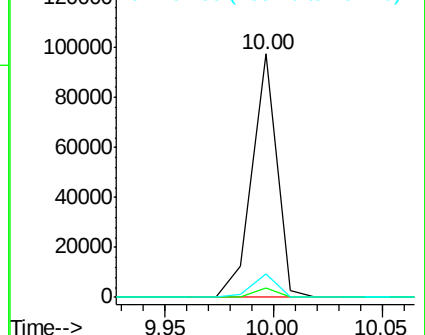
#49
Dimethylphthalate
Concen: 18.46 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080336.D
Acq: 3 Jul 2015 10:55

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115

Tgt Ion:163 Resp: 77208
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.7 7.9 11.9

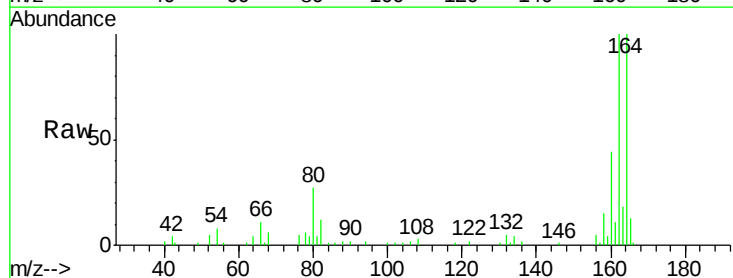


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

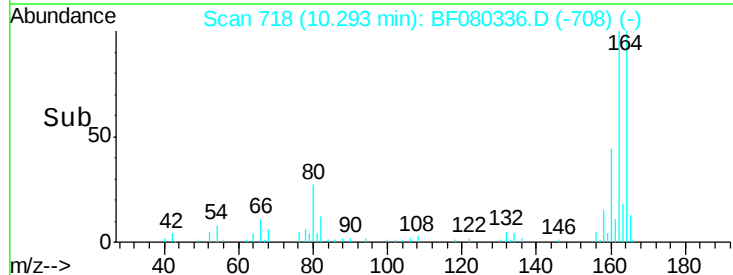
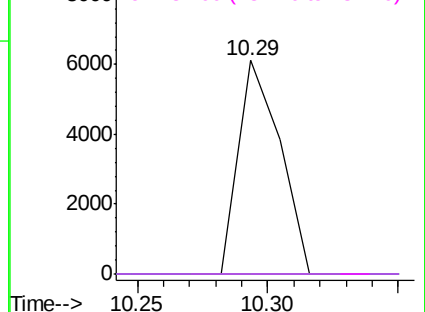


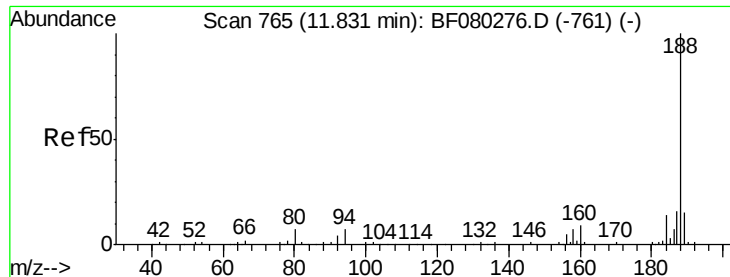
#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.18 min
Lab File: BF080336.D
Acq: 3 Jul 2015 10:55

Tgt Ion:165 Resp: 6837
Ion Ratio Lower Upper
165 100
63 0.0 38.7 58.1#
89 0.0 62.0 93.0#
182 0.0 1.8 2.8#



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

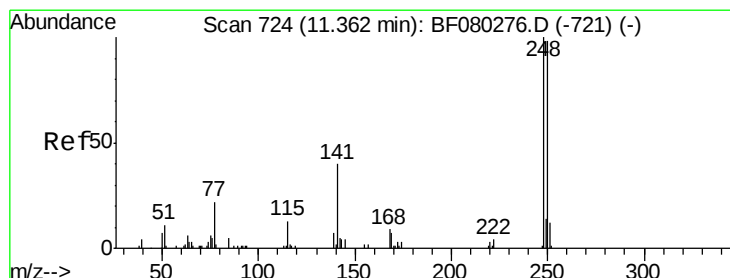
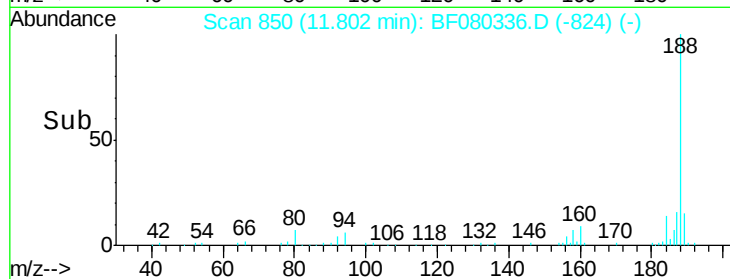
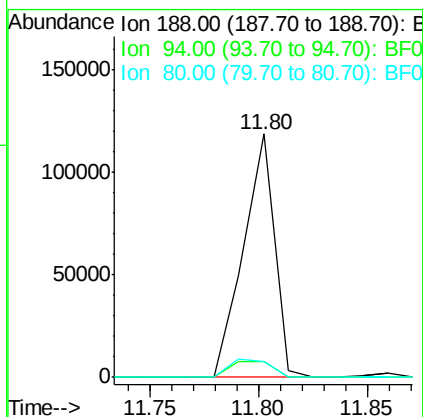
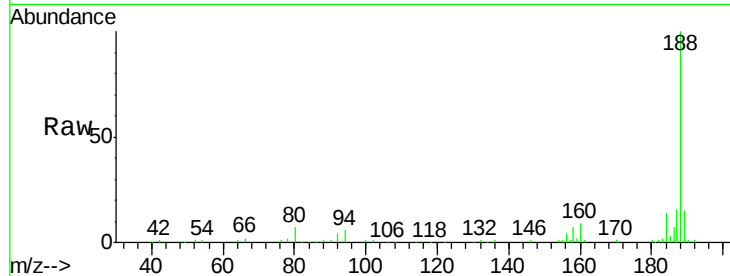




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF080336.D
Acq: 3 Jul 2015 10:55

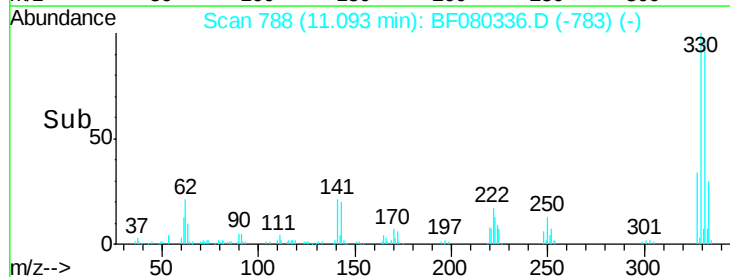
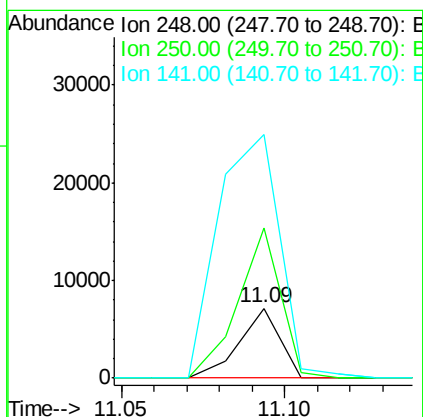
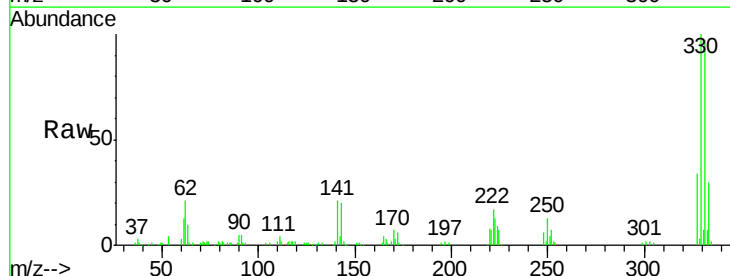
Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115

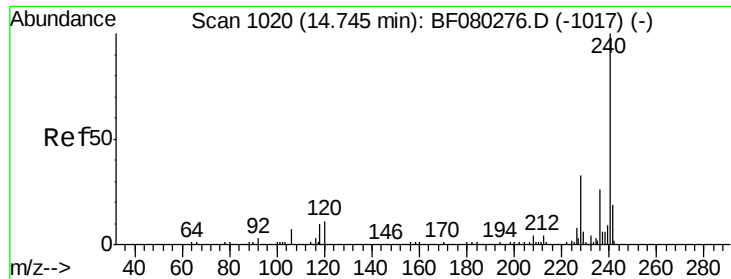
Tgt Ion:188 Resp: 117980
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 6.5 5.8 8.6



#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.24 min
Lab File: BF080336.D
Acq: 3 Jul 2015 10:55

Tgt Ion:248 Resp: 6131
Ion Ratio Lower Upper
248 100
250 215.3 78.2 117.4#
141 350.0 31.9 47.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1107

Delta R.T. 0.02 min

Lab File: BF080336.D

Acq: 3 Jul 2015 10:55

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-2-070115

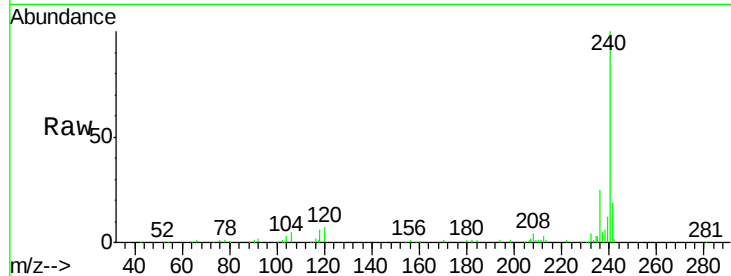
Tgt Ion:240 Resp: 132306

Ion Ratio Lower Upper

240 100

120 7.4 8.7 13.1#

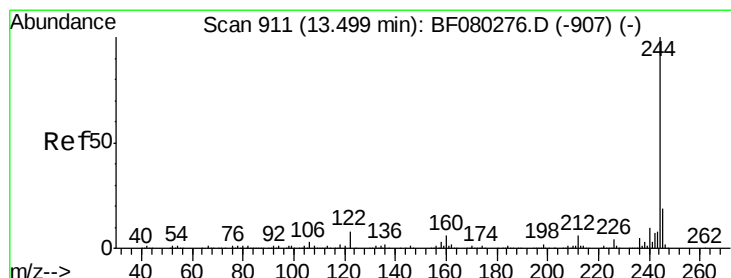
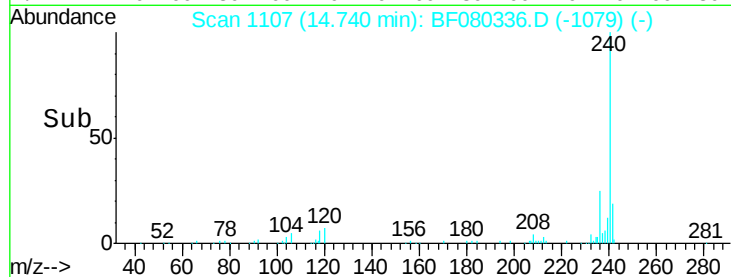
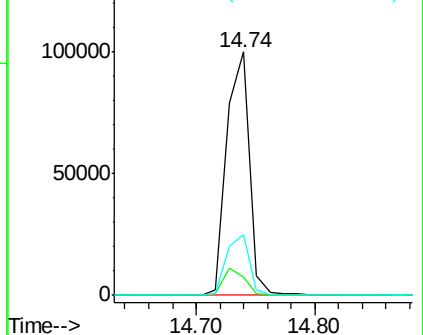
236 25.1 20.9 31.3



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



#78

Terphenyl-d14

Concen: 94.11 ng

RT: 13.48 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF080336.D

Acq: 3 Jul 2015 10:55

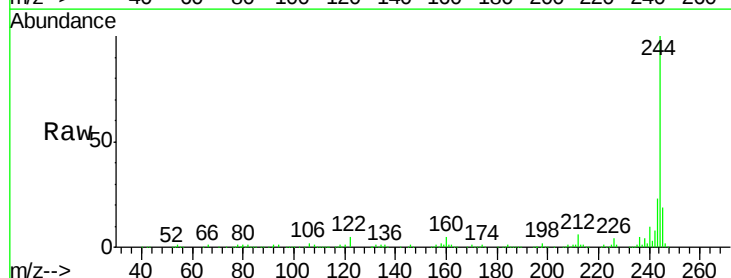
Tgt Ion:244 Resp: 531592

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.6

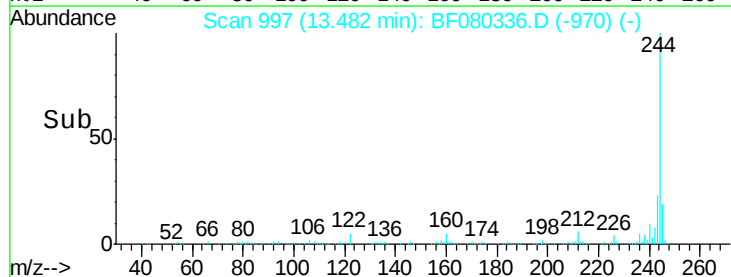
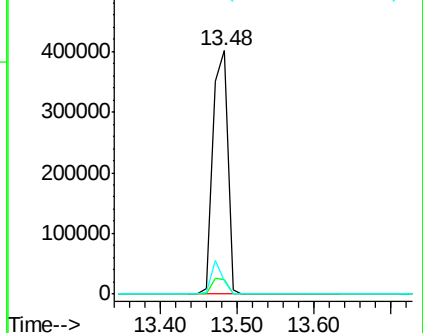
122 5.5 6.6 9.8#

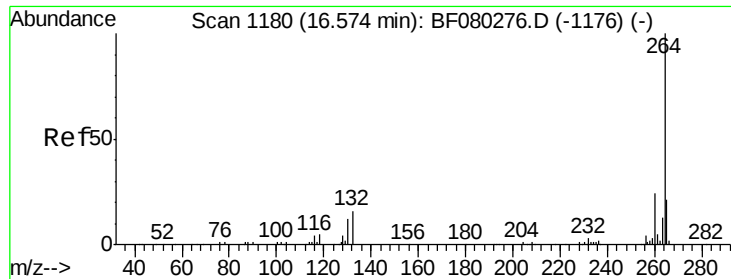


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.58 min Scan# 1268
Delta R.T. 0.03 min
Lab File: BF080336.D
Acq: 3 Jul 2015 10:55

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115

Tgt Ion: 264 Resp: 126519
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.3 16.9 25.3

