

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080239.D
 Acq On : 30 Jun 2015 16:36
 Operator : TP/IZ
 Sample : G2815-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SWD-1

Quant Time: Jul 01 01:18:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

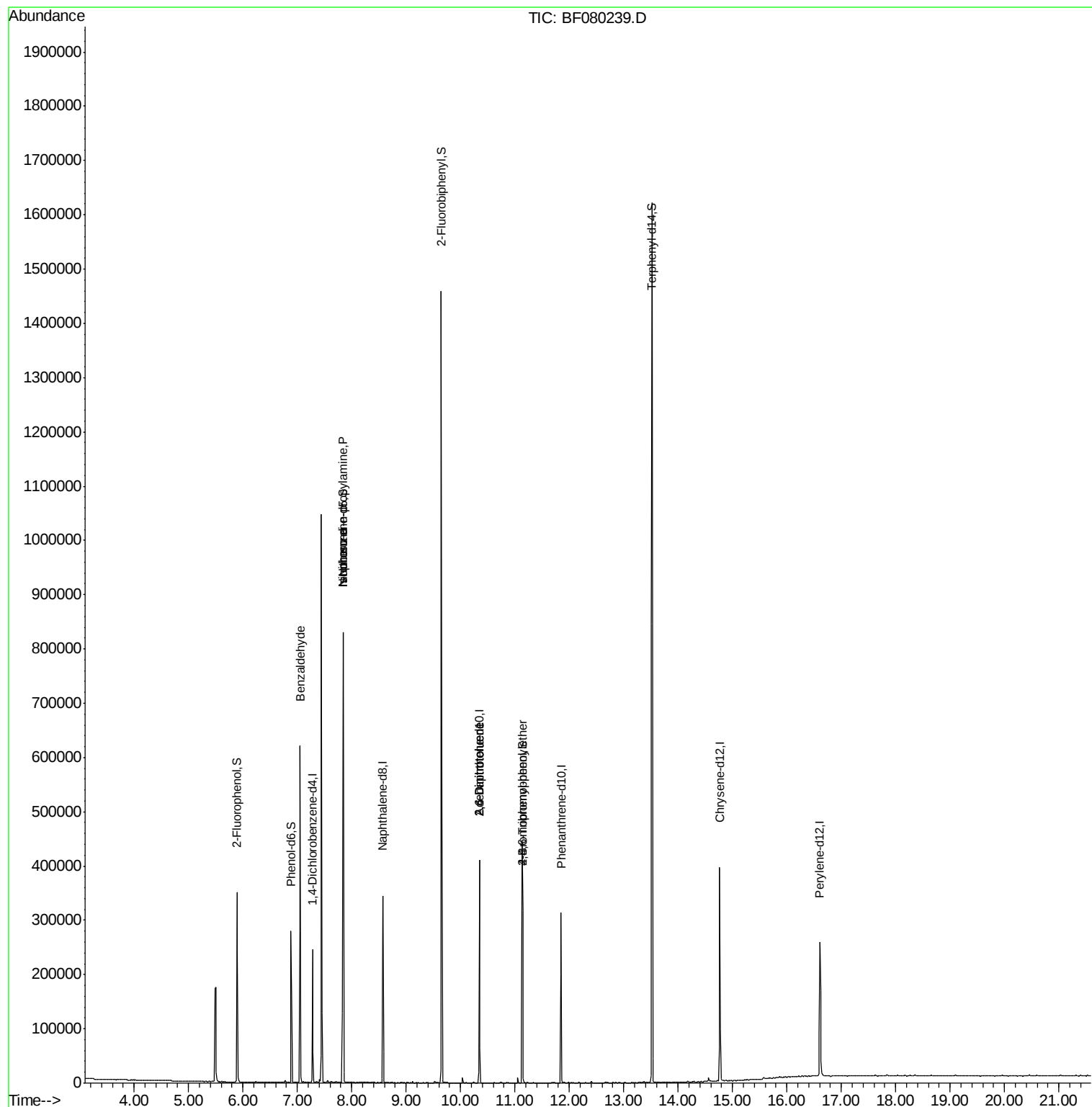
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	35069	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	139762	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	75387	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	149267	20.00	ng	-0.06
75) Chrysene-d12	14.77	240	155692	20.00	ng	-0.23
86) Perylene-d12	16.61	264	144308	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	121856	61.51	ng	-0.05
7) Phenol-d6	6.88	99	111818	42.41	ng	-0.05
23) Nitrobenzene-d5	7.84	82	235179	97.96	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	63920	86.71	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	476910	90.22	ng	-0.05
78) Terphenyl-d14	13.52	244	603331	90.50	ng	-0.15
Target Compounds						
9) Benzaldehyde	7.05	77	4147	2.72	ng	# 57
19) n-Nitroso-di-n-propylamine	7.84	70	29992	16.39	ng	# 57
25) Isophorone	7.84	82	235173	48.67	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9801	8.63	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9800	6.80	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	4280	2.70	ng	# 1

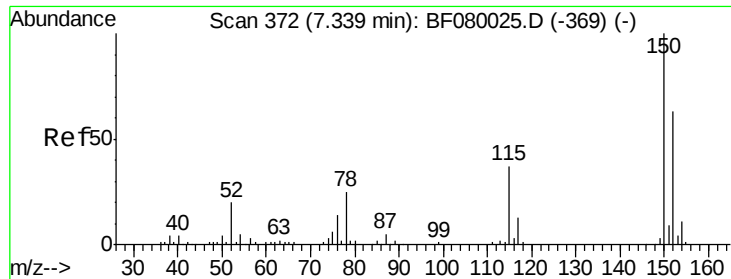
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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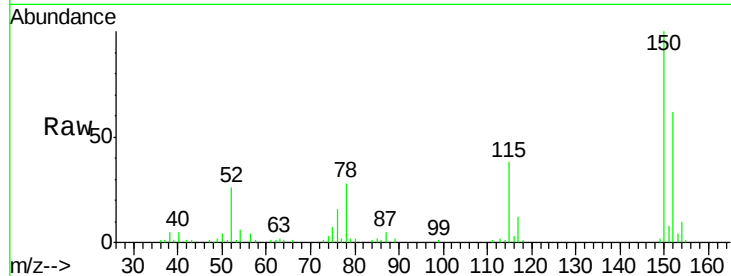


#1

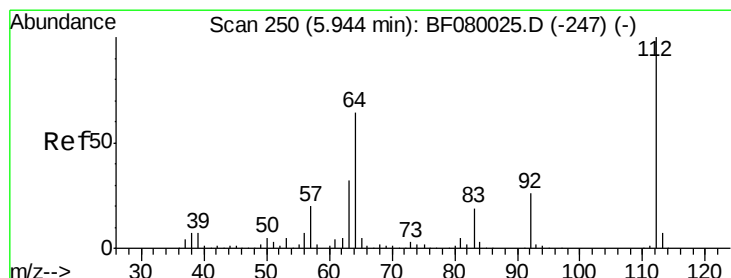
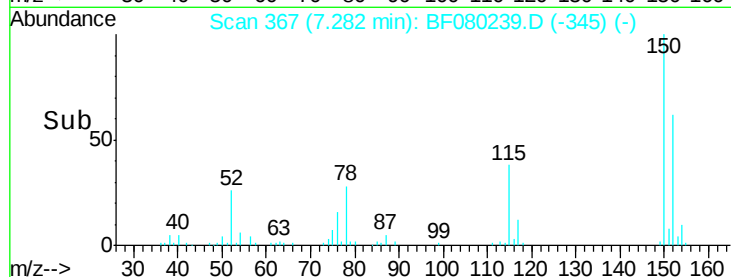
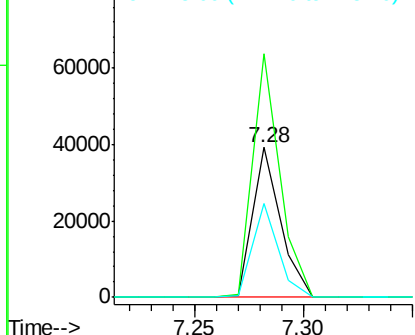
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Instrument :
BNA_F
ClientSampleId :
SWD-1

Tgt Ion:152 Resp: 35069
Ion Ratio Lower Upper
152 100
150 162.3 124.7 187.1
115 62.4 39.0 58.4#



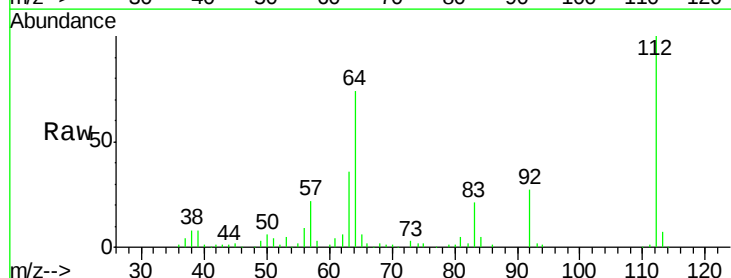
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



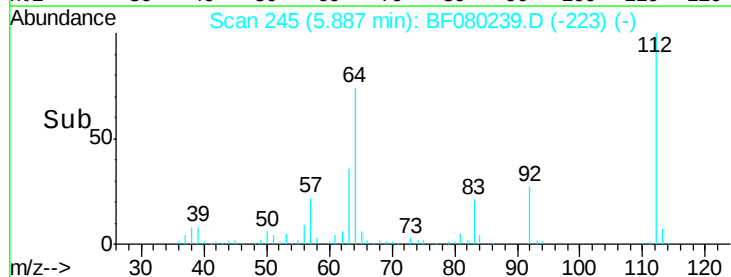
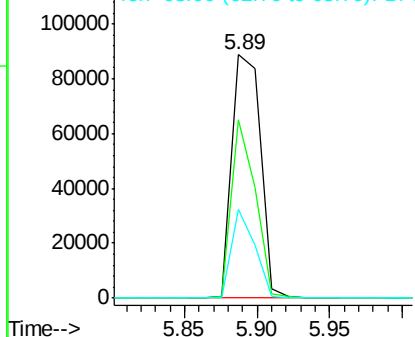
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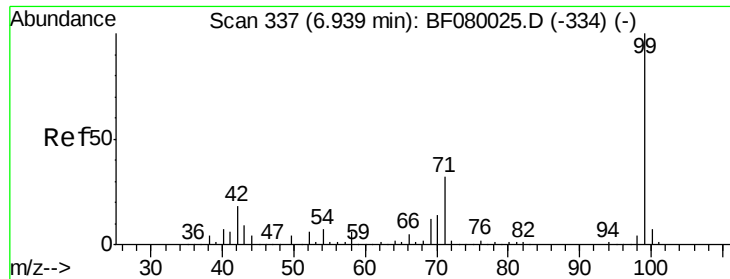
2-Fluorophenol
Concen: 61.51 ng
RT: 5.89 min Scan# 245
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:112 Resp: 121856
Ion Ratio Lower Upper
112 100
64 73.5 39.7 59.5#
63 36.2 17.4 26.0#



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: 42.41 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF080239.D

Acq: 30 Jun 2015 16:36

Instrument :

BNA_F

ClientSampleId :

SWD-1

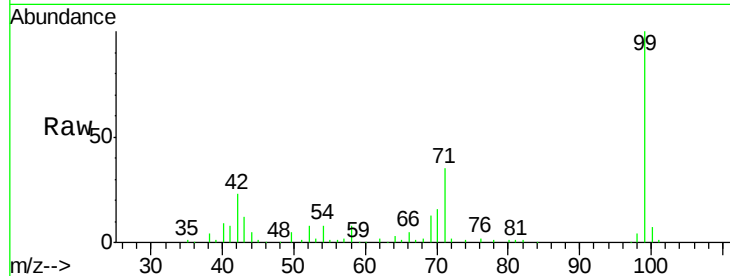
Tgt Ion: 99 Resp: 111818

Ion Ratio Lower Upper

99 100

42 22.7 13.7 20.5#

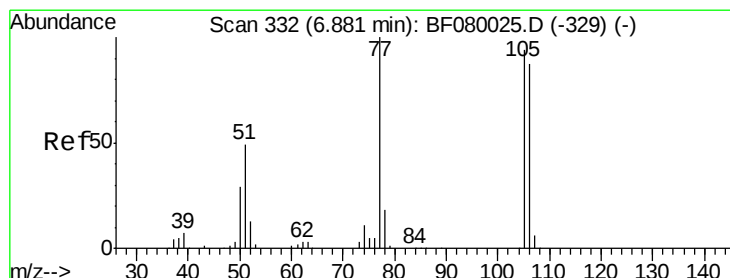
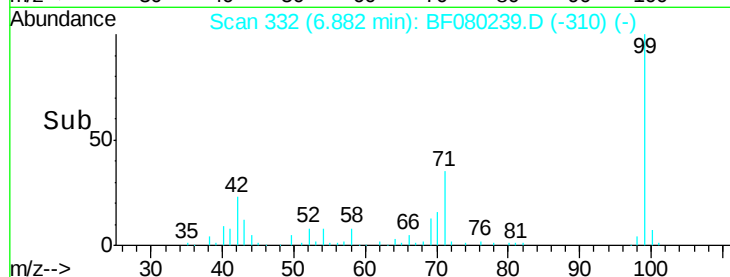
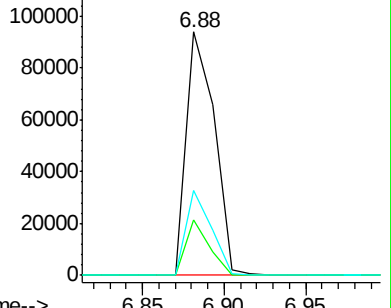
71 34.8 14.2 21.2#



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: 2.72 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.18 min

Lab File: BF080239.D

Acq: 30 Jun 2015 16:36

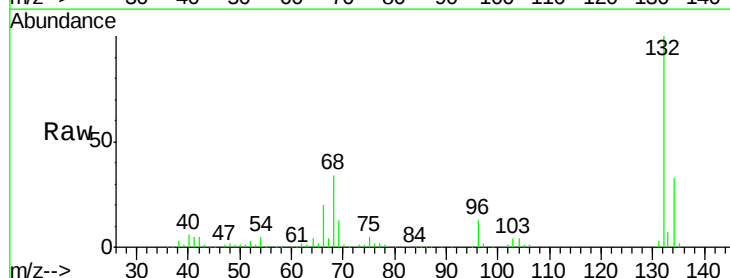
Tgt Ion: 77 Resp: 4147

Ion Ratio Lower Upper

77 100

105 73.7 91.6 131.6#

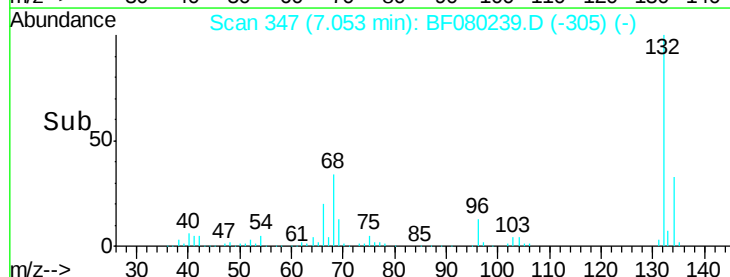
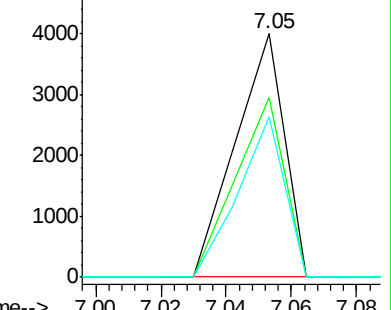
106 65.8 102.6 142.6#

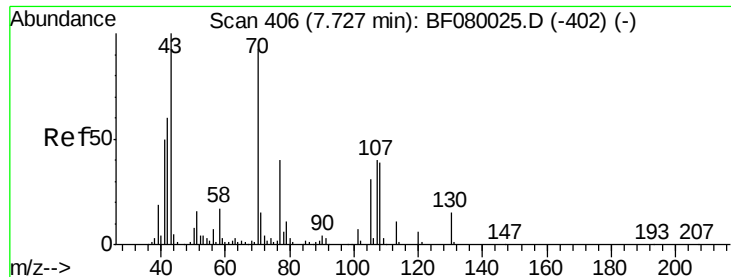


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

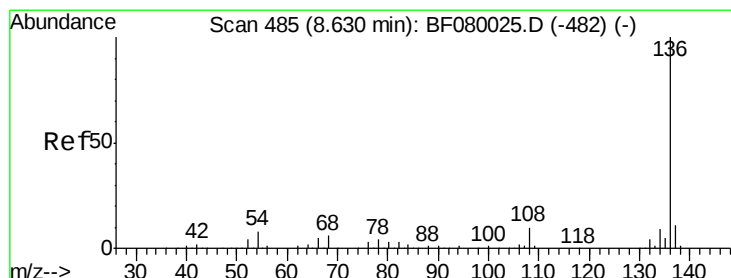
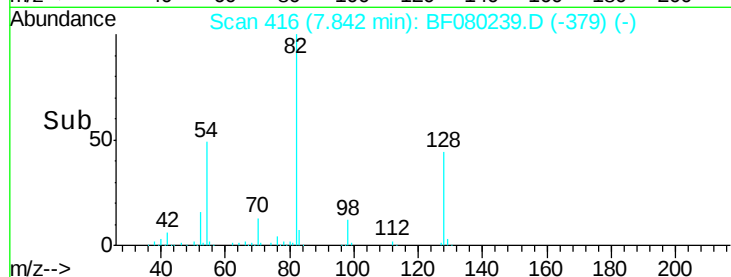
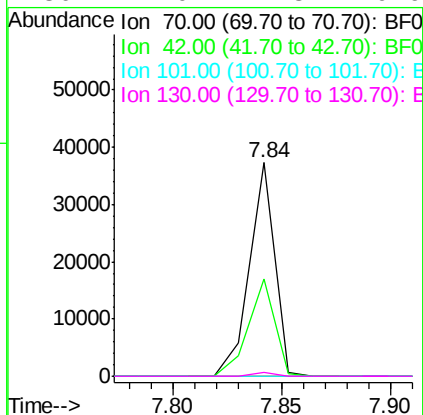
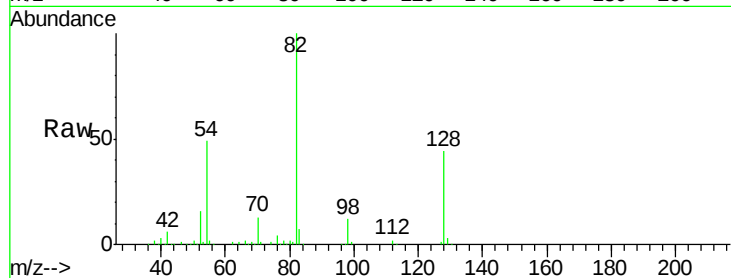




#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.84 min Scan# 416
Delta R.T. 0.13 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

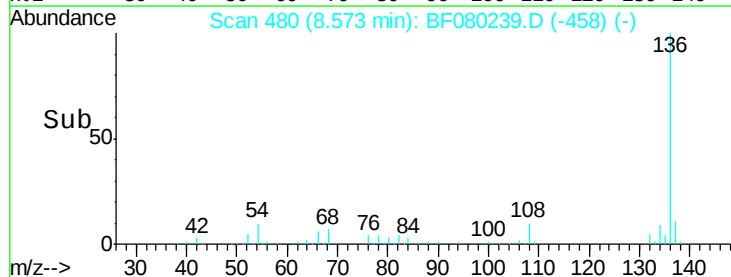
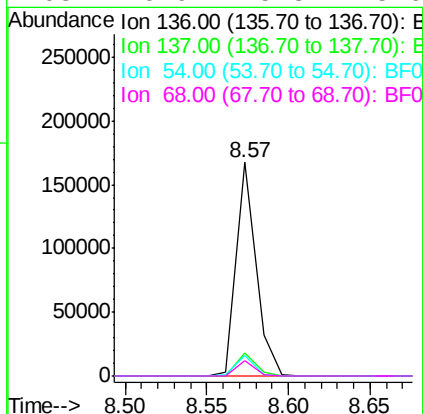
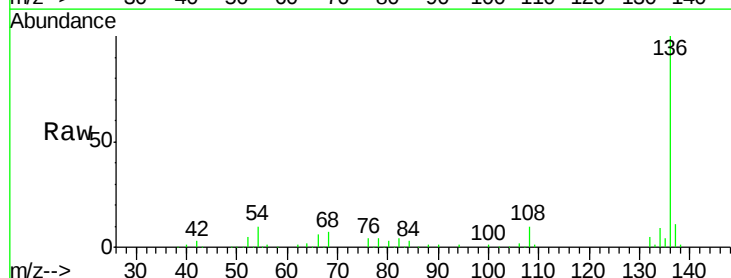
Instrument :
BNA_F
ClientSampled :
SWD-1

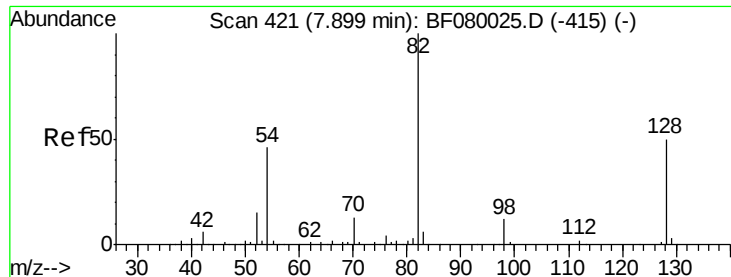
Tgt Ion: 70 Resp: 29992
Ion Ratio Lower Upper
70 100
42 45.4 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion: 136 Resp: 139762
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.7 8.2 12.2
68 6.9 5.8 8.6

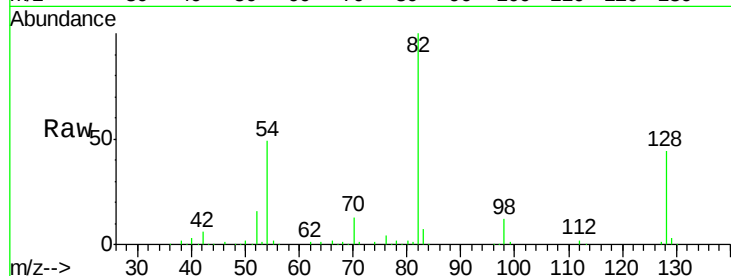




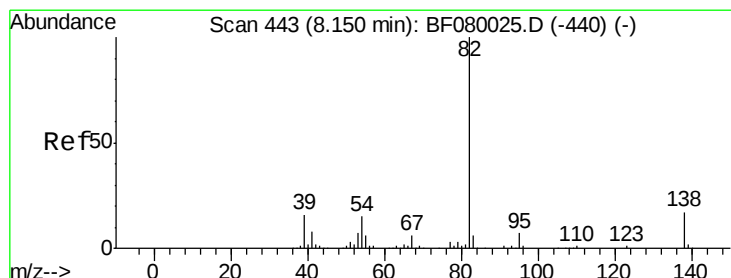
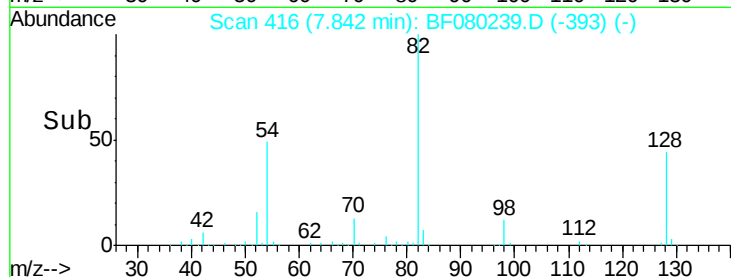
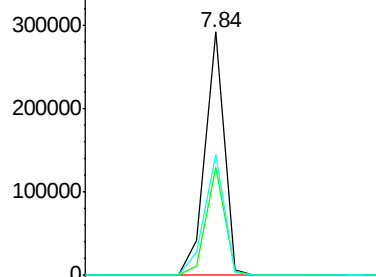
#23
Nitrobenzene-d5
Concen: 97.96 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Instrument :
BNA_F
ClientSampleId :
SWD-1

Tgt Ion: 82 Resp: 235179
Ion Ratio Lower Upper
82 100
128 44.2 51.0 76.6#
54 49.5 47.5 71.3

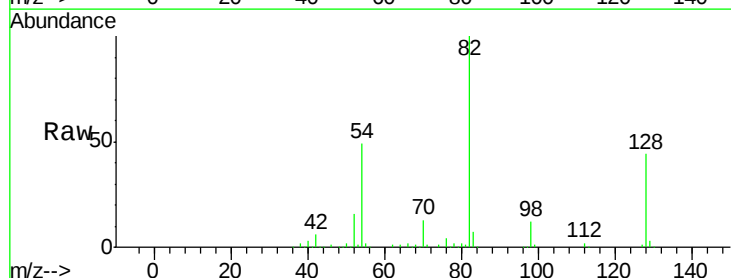


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

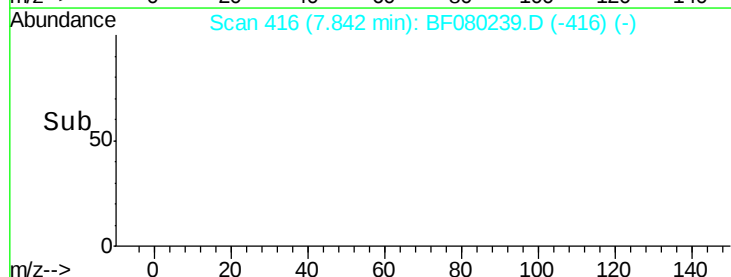
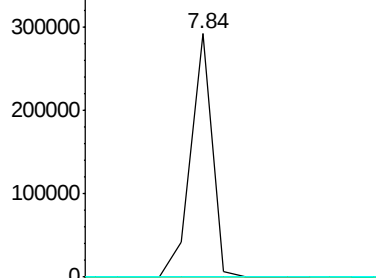


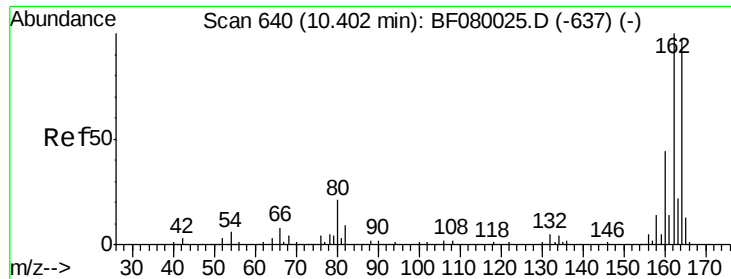
#25
Isophorone
Concen: 48.67 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.30 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion: 82 Resp: 235173
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



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

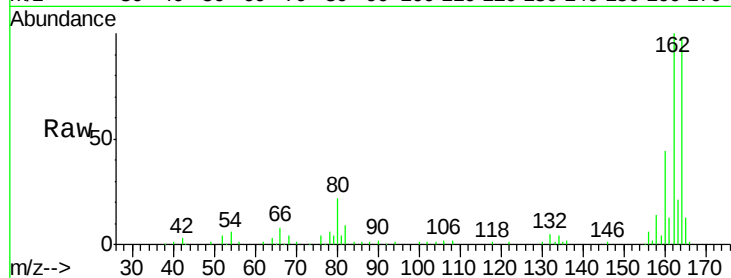




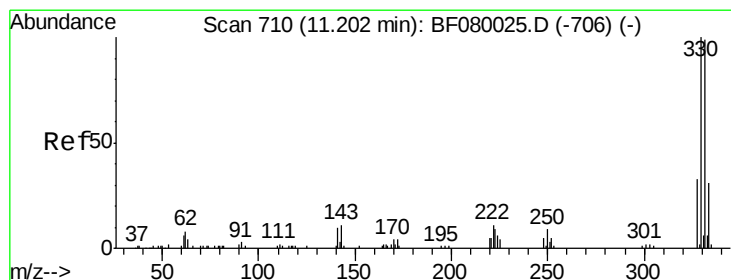
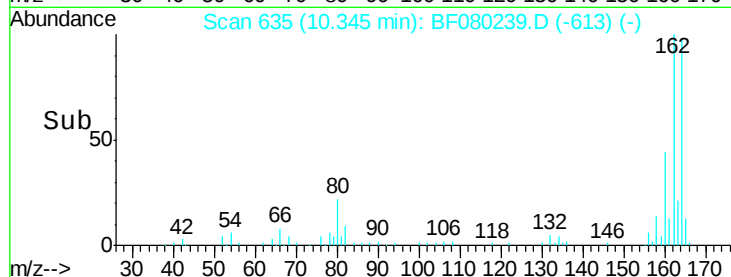
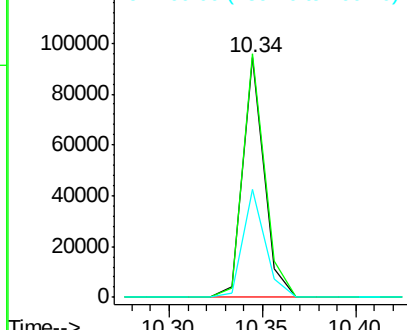
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SWD-1

Tgt Ion:164 Resp: 75387
 Ion Ratio Lower Upper
 164 100
 162 101.6 75.2 112.8
 160 45.0 31.5 47.3

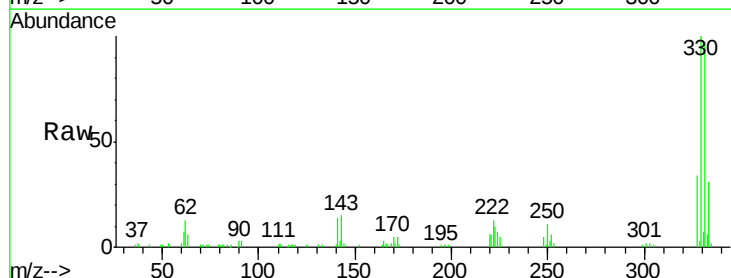


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

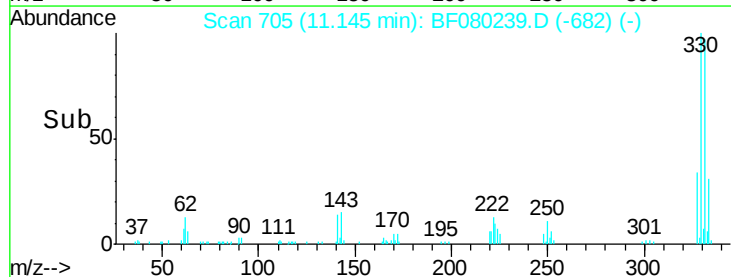
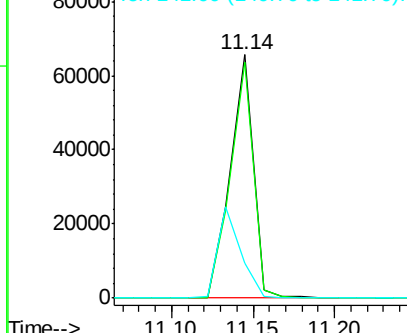


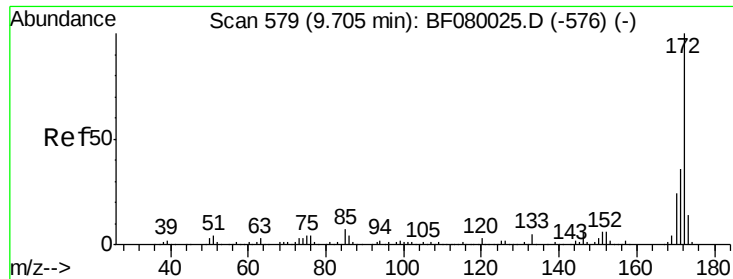
#41
 2,4,6-Tribromophenol
 Concen: 86.71 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

Tgt Ion:330 Resp: 63920
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.2 29.7 44.5



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

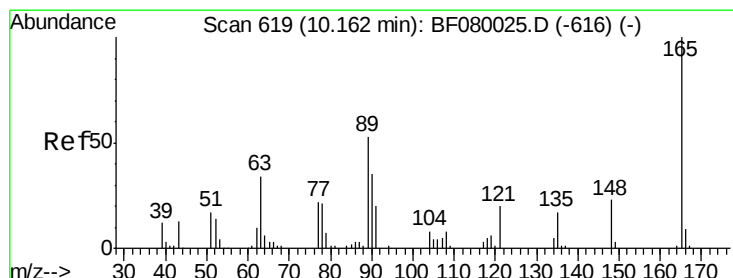
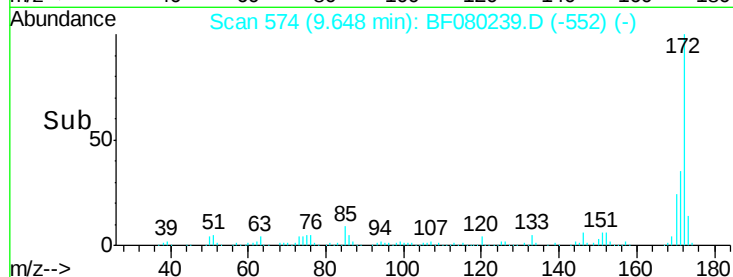
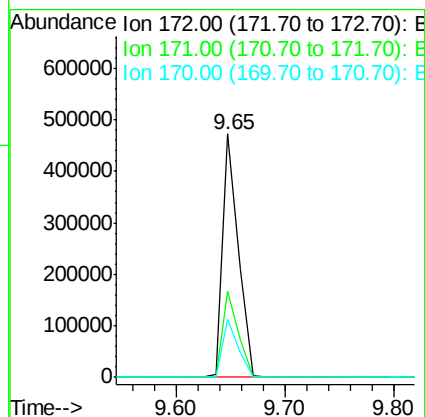
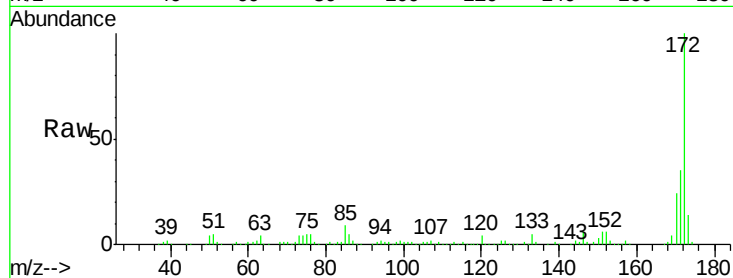




#44
 2-Fluorobiphenyl
 Concen: 90.22 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

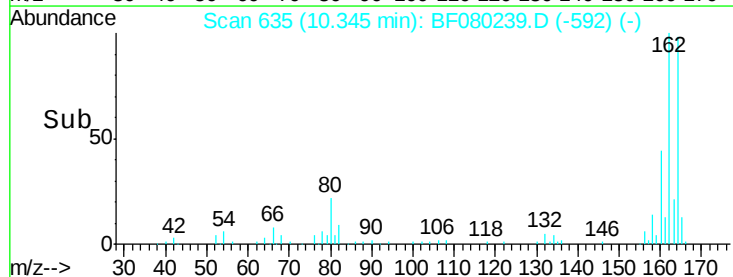
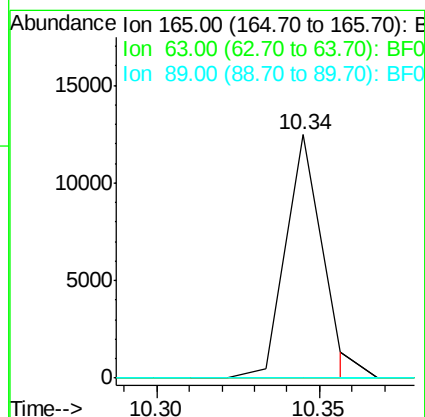
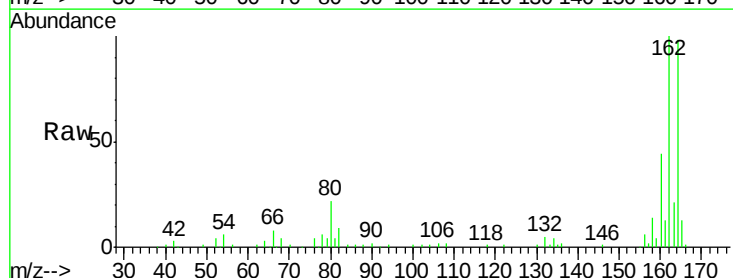
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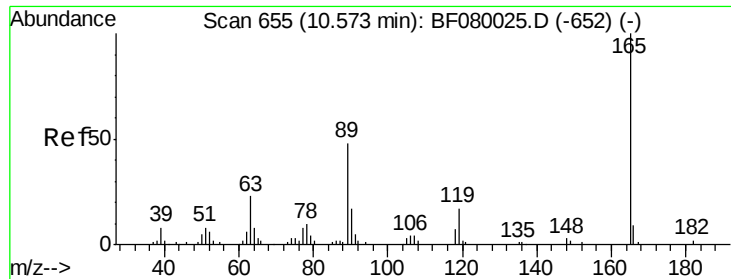
Tgt Ion:172 Resp: 476910
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.7 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.63 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

Tgt Ion:165 Resp: 9801
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

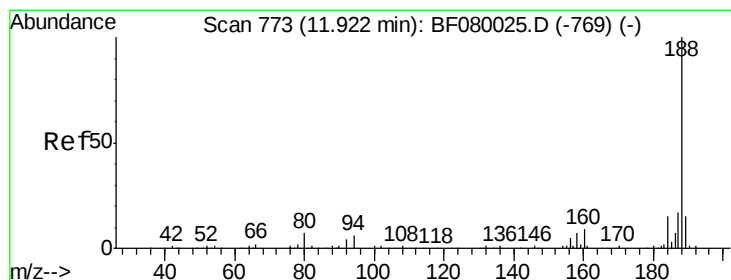
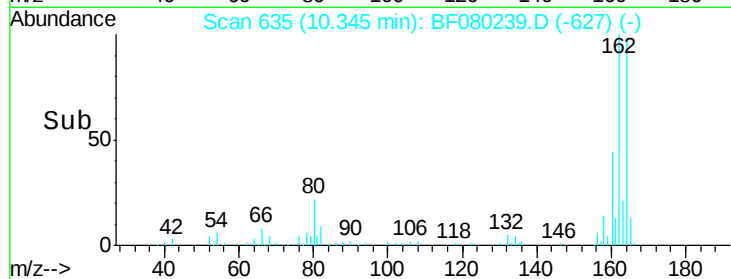
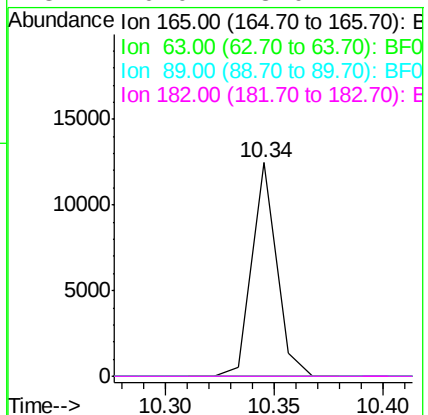
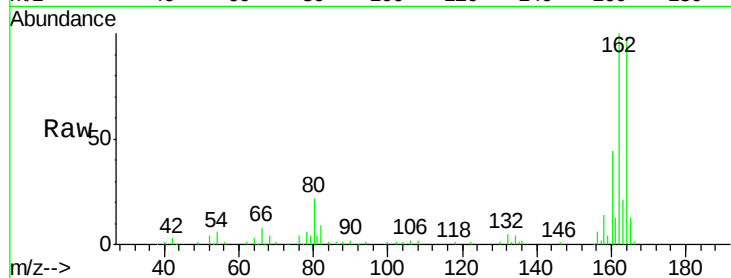




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

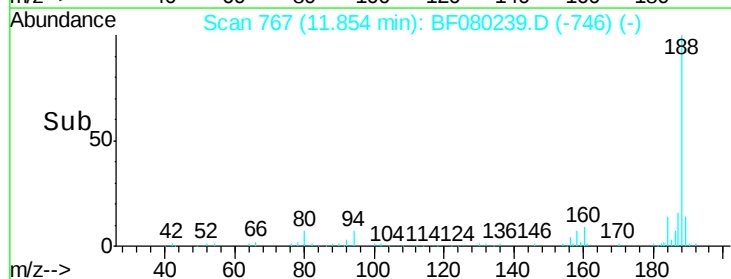
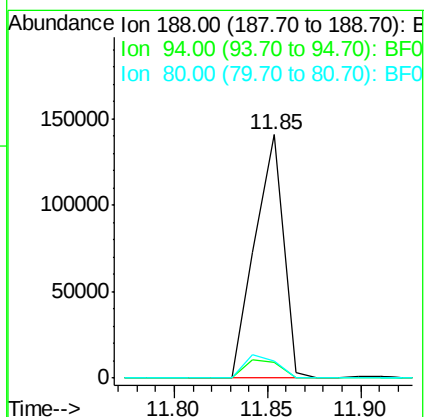
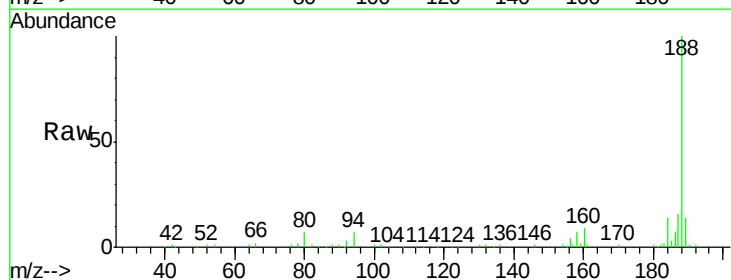
Instrument :
 BNA_F
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 SWD-1

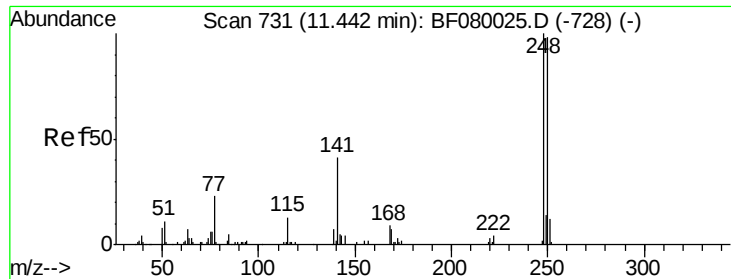
Tgt Ion:	165	Resp:	9800
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

Tgt Ion:	188	Resp:	149267
Ion	Ratio	Lower	Upper
188	100		
94	6.6	11.1	16.7#
80	7.1	11.0	16.4#

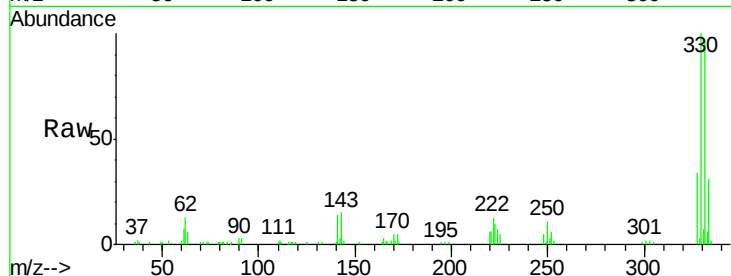




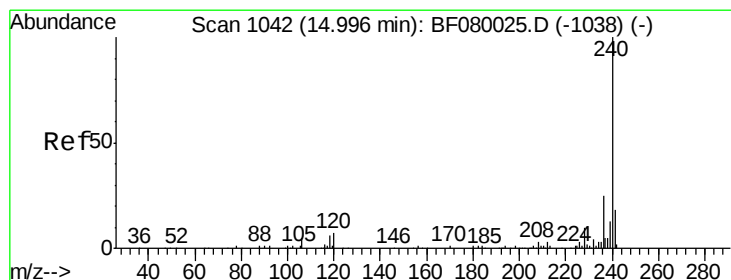
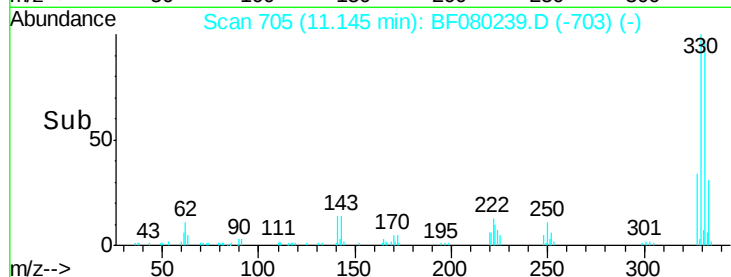
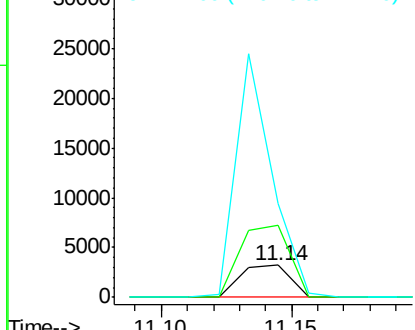
#66
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.27 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Instrument :
BNA_F
ClientSampleId :
SWD-1

Tgt Ion:248 Resp: 4280
Ion Ratio Lower Upper
248 100
250 224.6 78.5 117.7#
141 293.6 59.0 88.6#

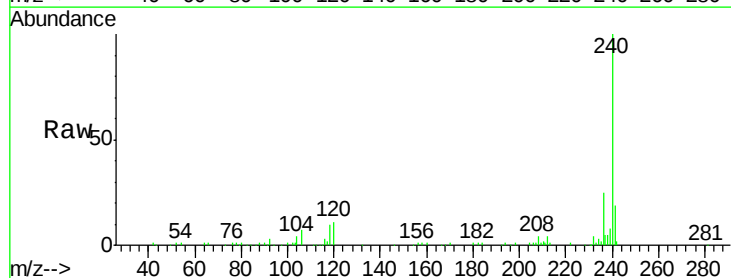


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

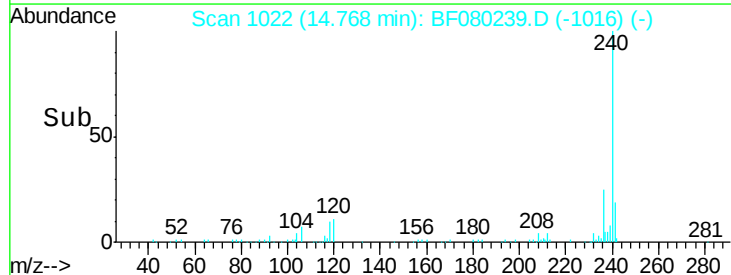
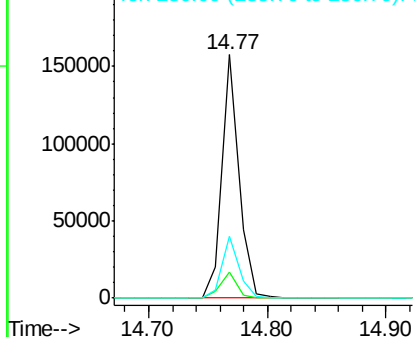


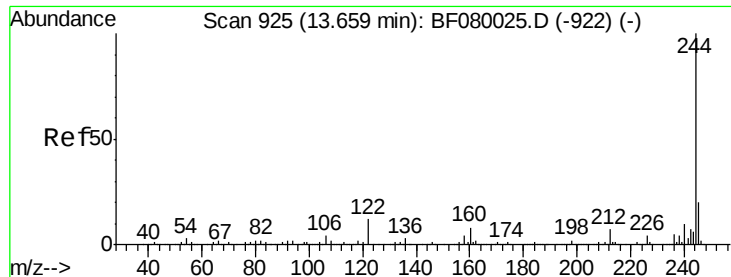
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.23 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:240 Resp: 155692
Ion Ratio Lower Upper
240 100
120 10.6 16.2 24.2#
236 25.2 18.4 27.6



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

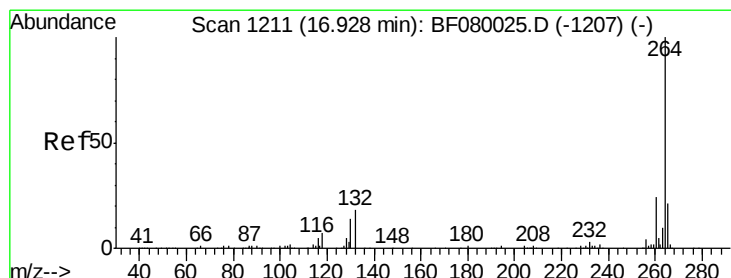
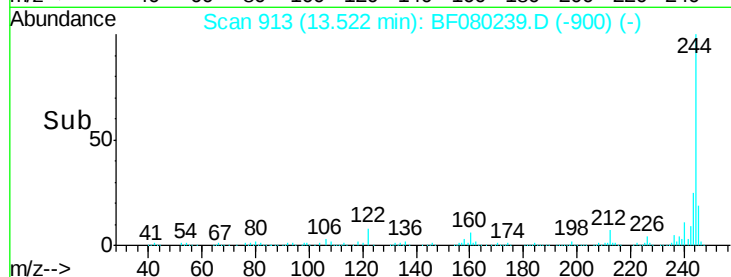
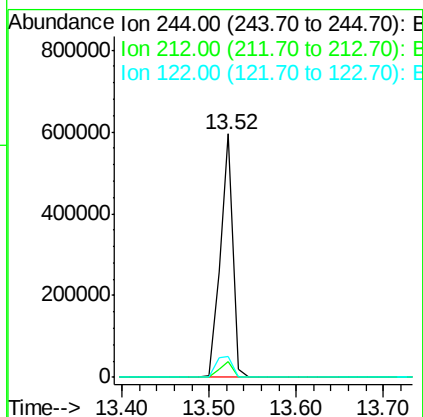
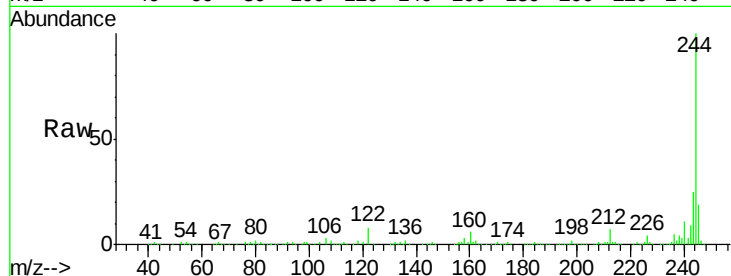




#78
 Terphenyl-d14
 Concen: 90.50 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SWD-1

Tgt Ion:244 Resp: 603331
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.3 6.5#
 122 8.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.61 min Scan# 1183
 Delta R.T. -0.32 min
 Lab File: BF080239.D
 Acq: 30 Jun 2015 16:36

Tgt Ion:264 Resp: 144308
 Ion Ratio Lower Upper
 264 100
 260 23.1 16.7 25.1
 265 20.7 17.2 25.8

