

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087678.D
 Acq On : 4 Jun 2016 21:19
 Operator : UM/SJ
 Sample : H3359-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OM-SPN-001-160531

Quant Time: Jun 05 01:04:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

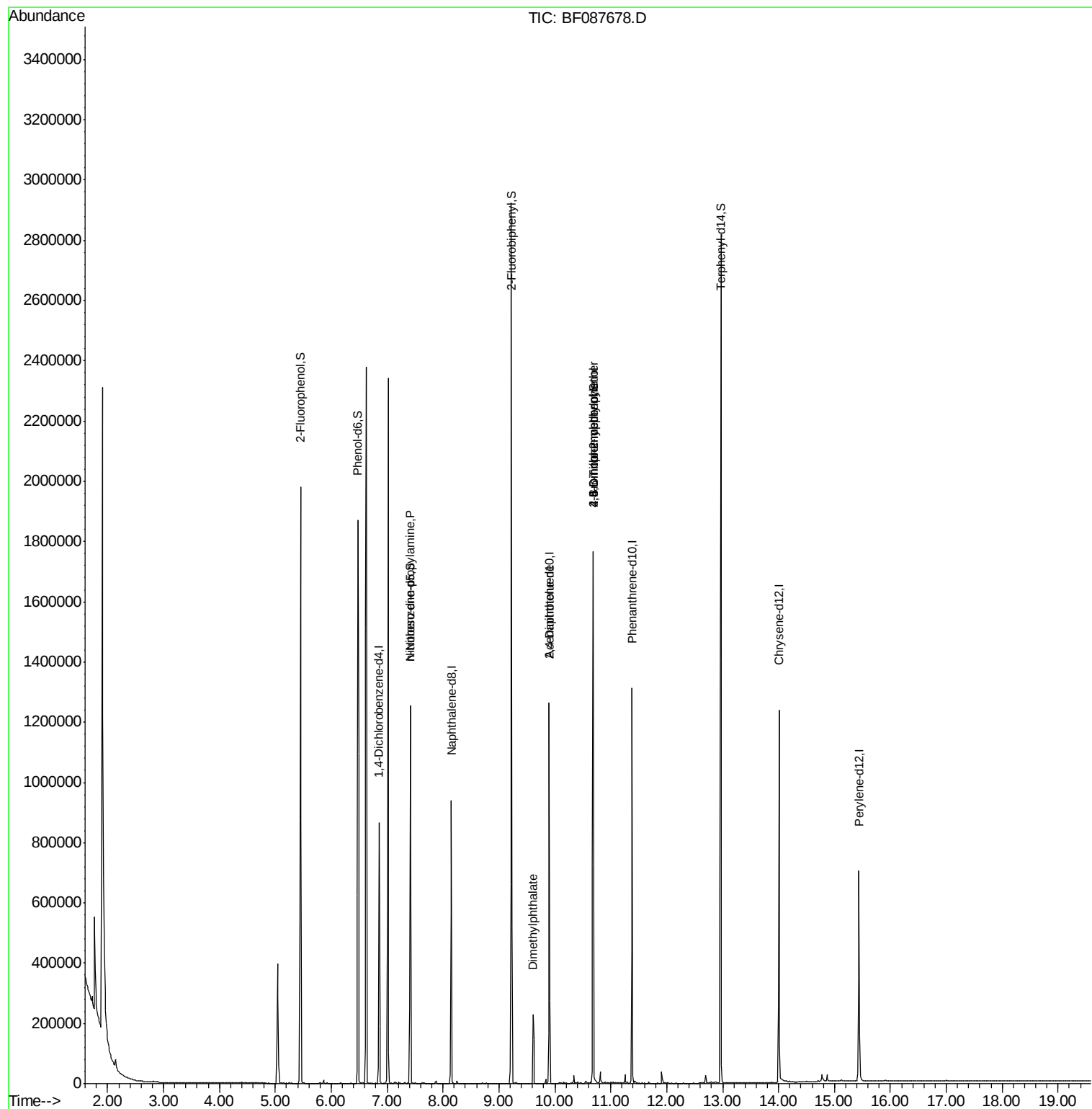
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129140	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	541995	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	247851	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	489334	20.00	ng	0.00
75) Chrysene-d12	14.01	240	397149	20.00	ng	-0.01
86) Perylene-d12	15.44	264	314855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	717933	89.86	ng	0.00
7) Phenol-d6	6.48	99	956419	95.45	ng	-0.01
23) Nitrobenzene-d5	7.42	82	557742	59.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	222181	89.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	968621	53.60	ng	-0.01
78) Terphenyl-d14	12.97	244	958788	58.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	71376	11.41	ng	# 77
49) Dimethylphthalate	9.61	163	123014	6.83	ng	99
56) 2,4-Dinitrotoluene	9.90	165	31760	6.08	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	417	2.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	14123	2.91	ng	# 1

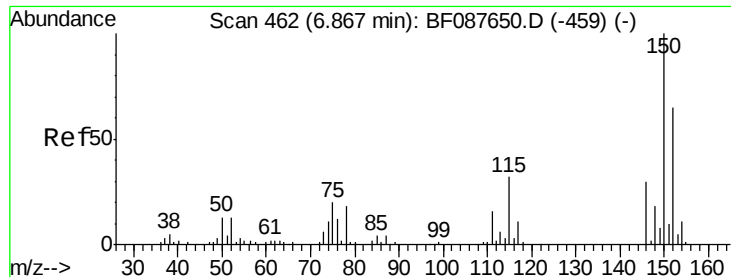
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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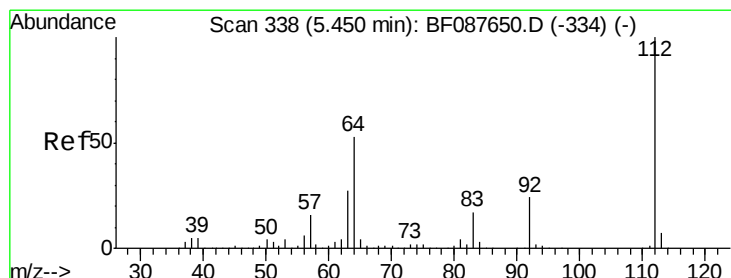
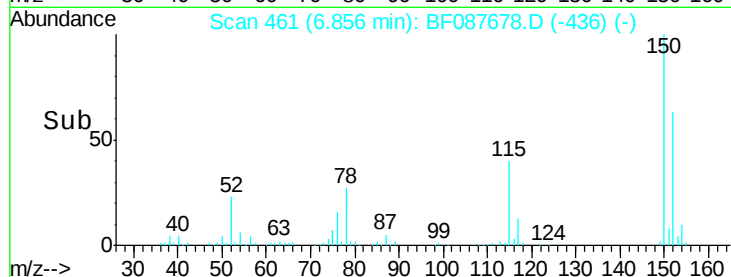
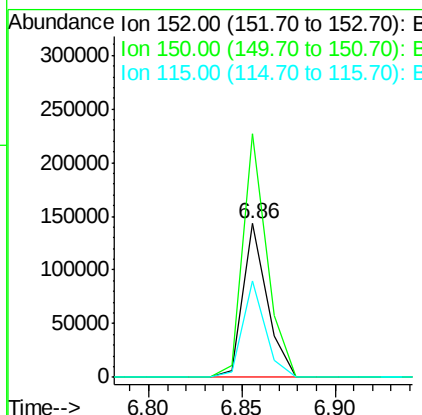
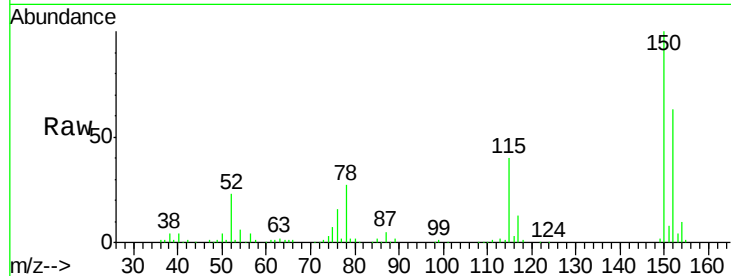




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

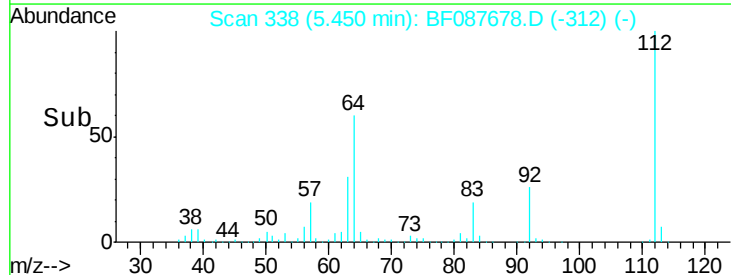
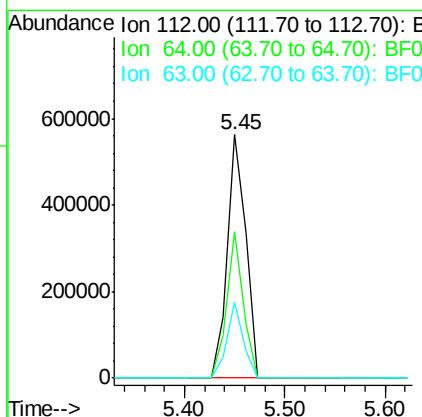
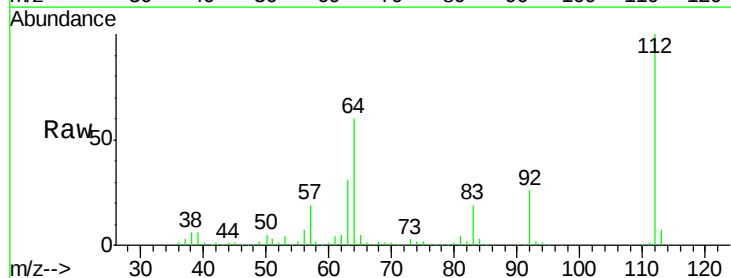
Instrument :
 BNA_F
 ClientSampleId :
 OM-SPN-001-160531

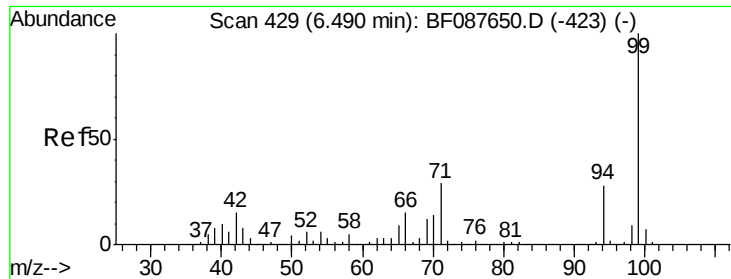
Tgt Ion:152 Resp: 129140
 Ion Ratio Lower Upper
 152 100
 150 158.5 123.8 185.6
 115 62.9 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 89.86 ng
 RT: 5.45 min Scan# 338
 Delta R.T. -0.00 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Tgt Ion:112 Resp: 717933
 Ion Ratio Lower Upper
 112 100
 64 60.3 42.2 63.2
 63 31.4 21.8 32.8





#7

Phenol-d6

Concen: 95.45 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Instrument :

BNA_F

ClientSampleId :

OM-SPN-001-160531

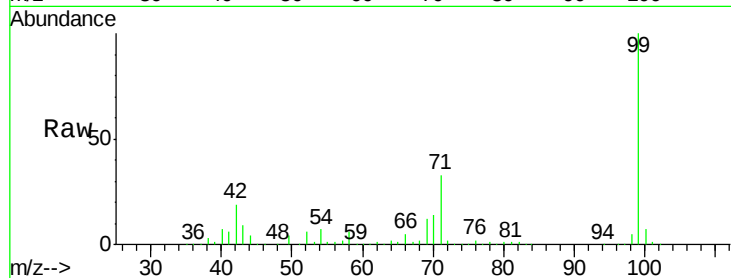
Tgt Ion: 99 Resp: 956419

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

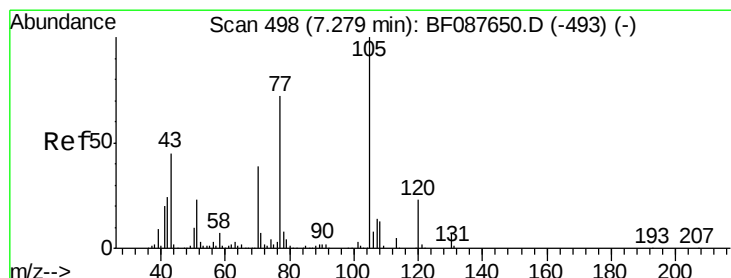
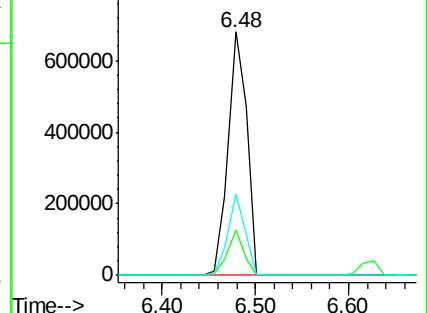
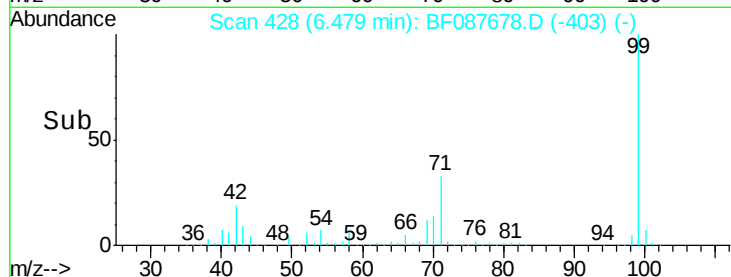
71 33.3 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.41 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Tgt Ion: 70 Resp: 71376

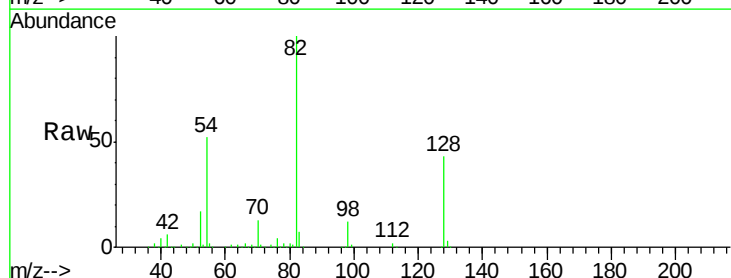
Ion Ratio Lower Upper

70 100

42 47.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

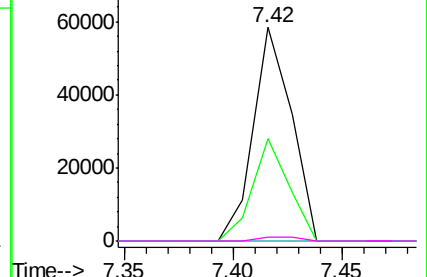
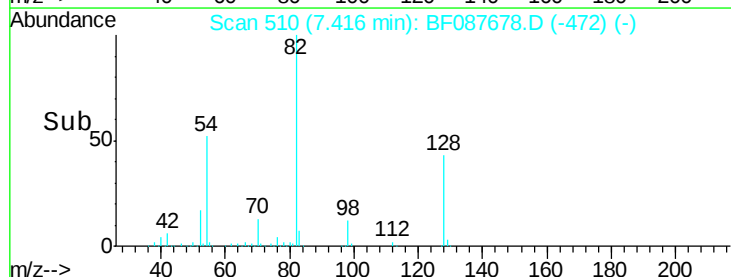


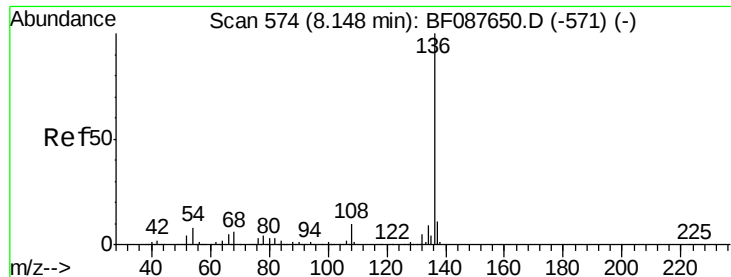
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

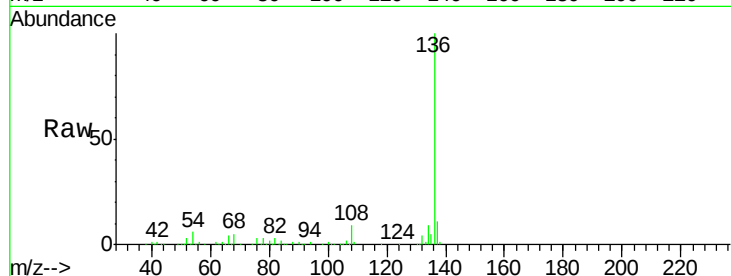




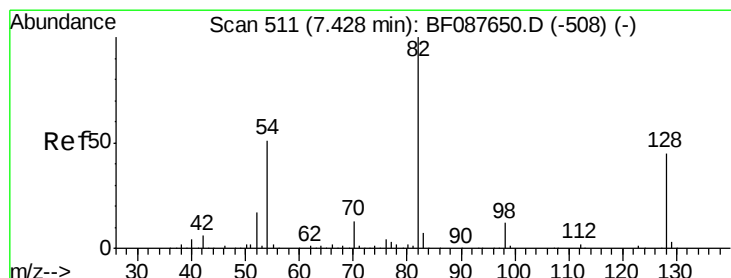
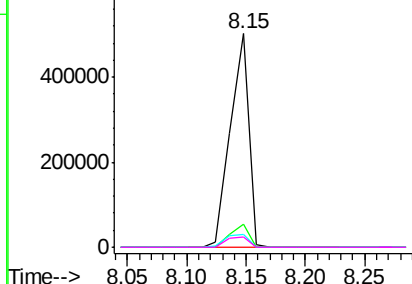
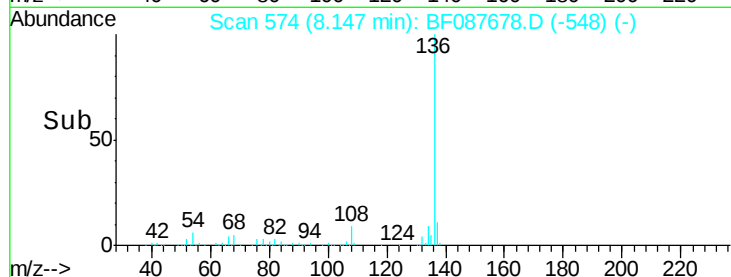
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
OM-SPN-001-160531

Tgt Ion:	136	Resp:	541995
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.0	6.6	10.0#
68	4.8	5.1	7.7#

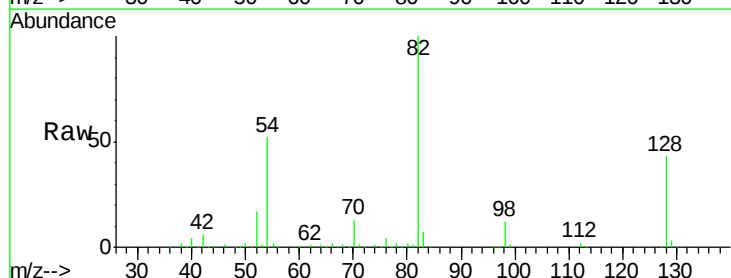


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

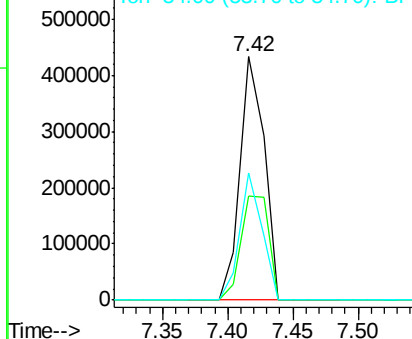
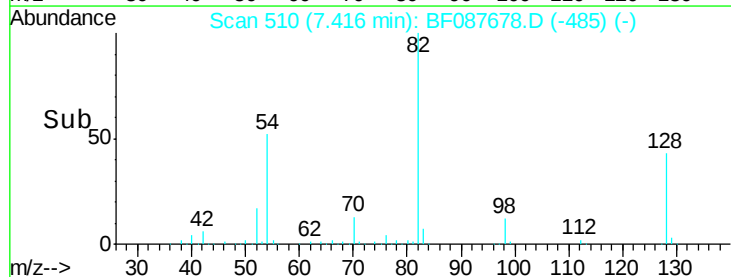


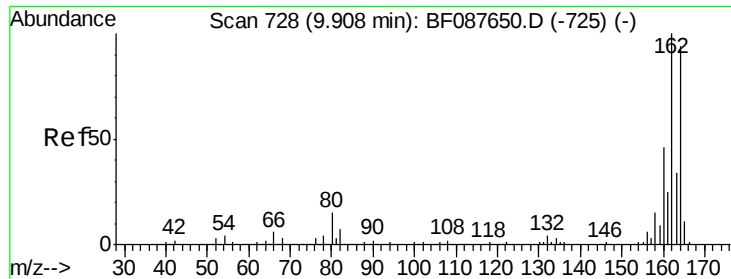
#23
Nitrobenzene-d5
Concen: 59.54 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

Tgt Ion:	82	Resp:	557742
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.9	53.9
54	52.2	40.9	61.3



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

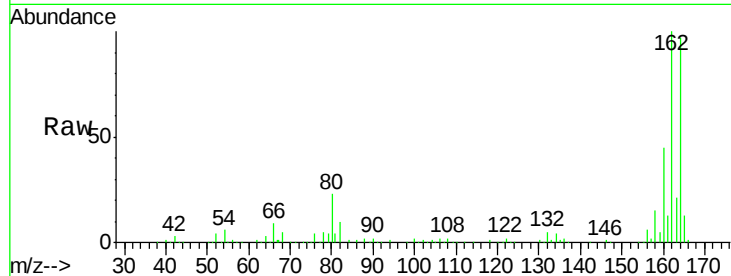




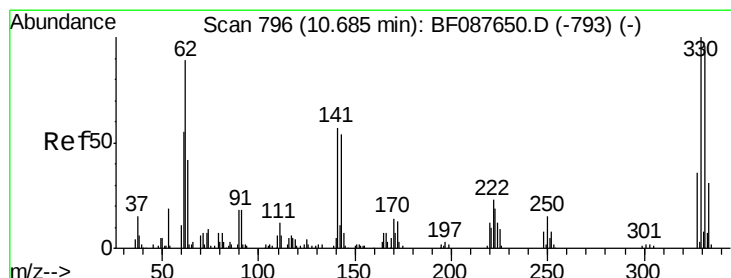
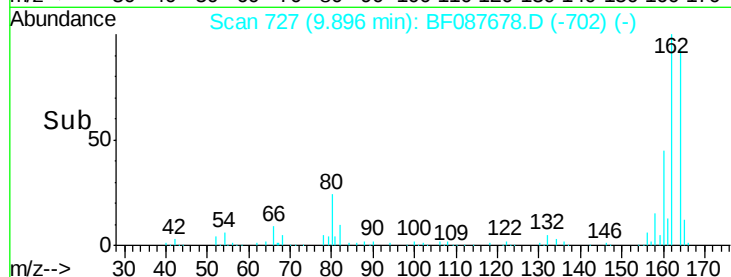
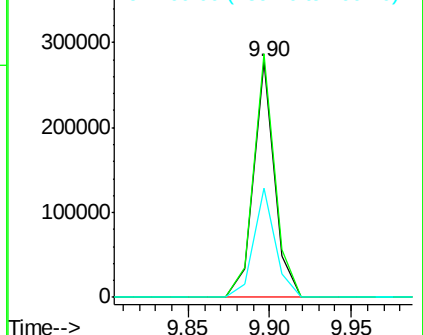
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
OM-SPN-001-160531

Tgt Ion:164 Resp: 247851
Ion Ratio Lower Upper
164 100
162 103.4 85.4 128.2
160 46.3 39.5 59.3

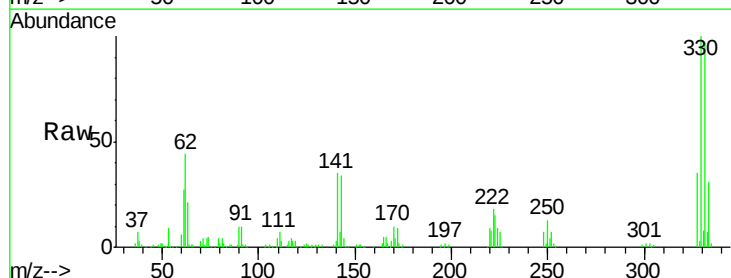


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

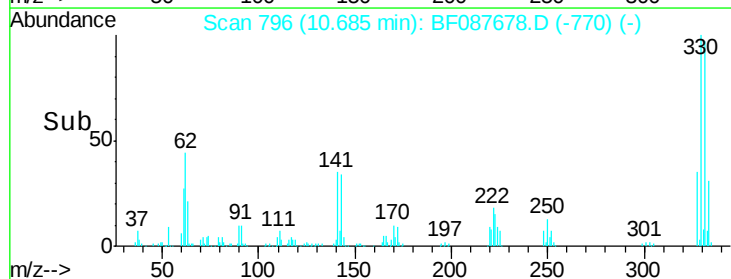
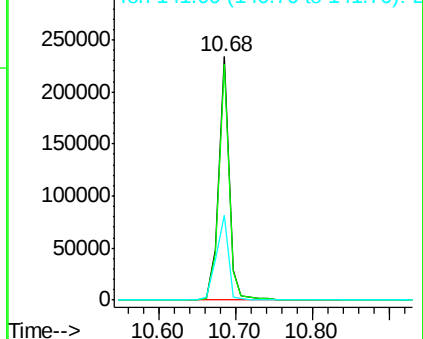


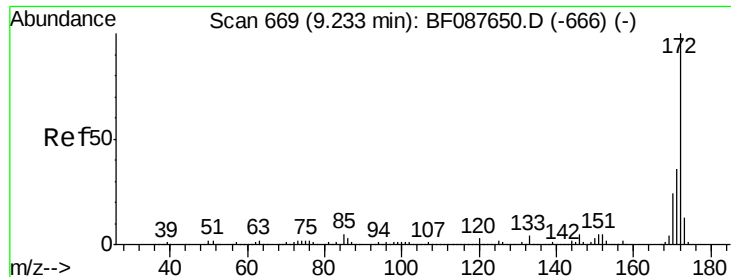
#41
2,4,6-Tribromophenol
Concen: 89.30 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

Tgt Ion:330 Resp: 222181
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 39.7 0.0 0.0#



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

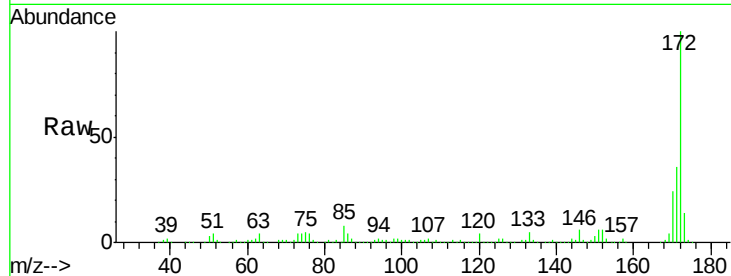




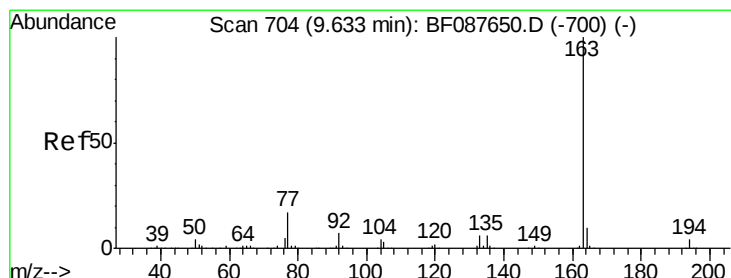
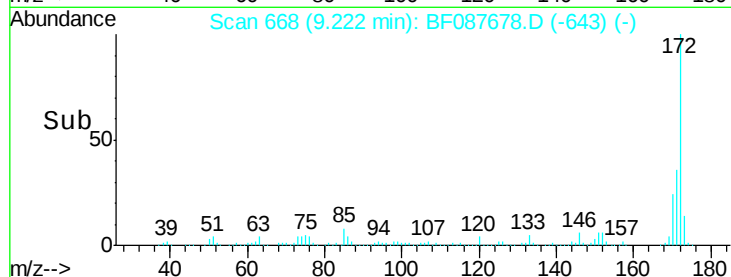
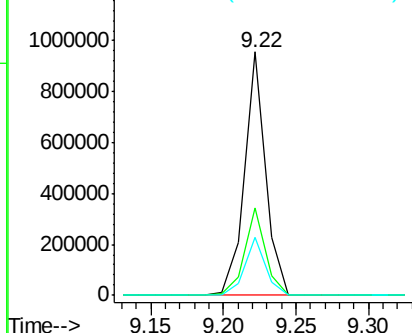
#44
 2-Fluorobiphenyl
 Concen: 53.60 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Instrument :
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 OM-SPN-001-160531

Tgt Ion:172 Resp: 968621
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8

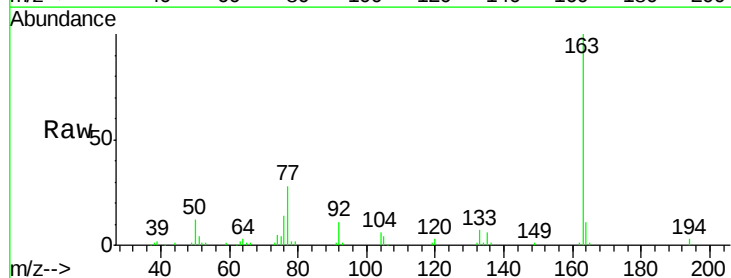


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

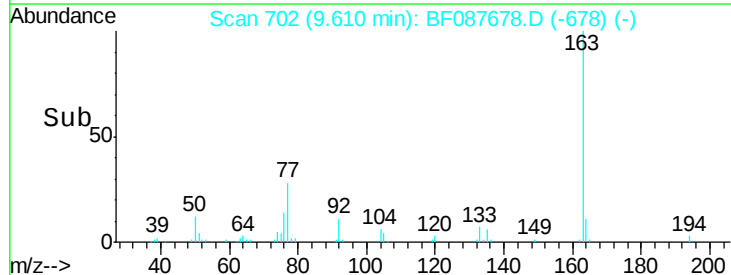
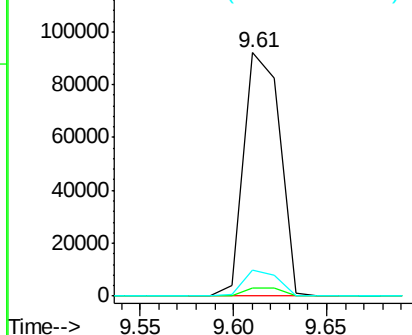


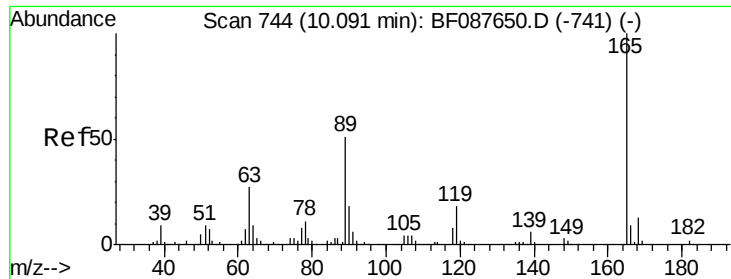
#49
 Dimethylphthalate
 Concen: 6.83 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Tgt Ion:163 Resp: 123014
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.7 8.3 12.5



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

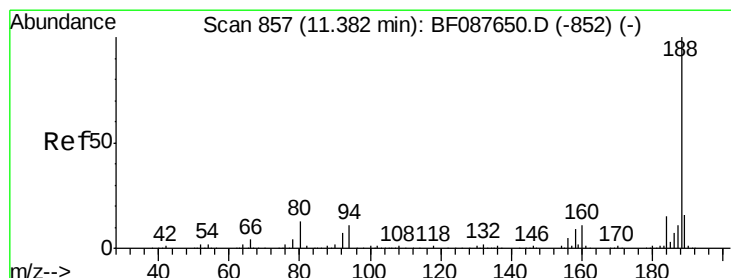
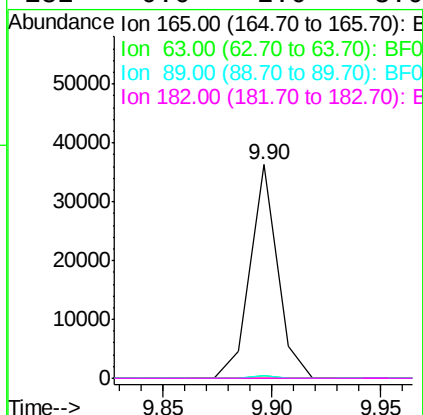
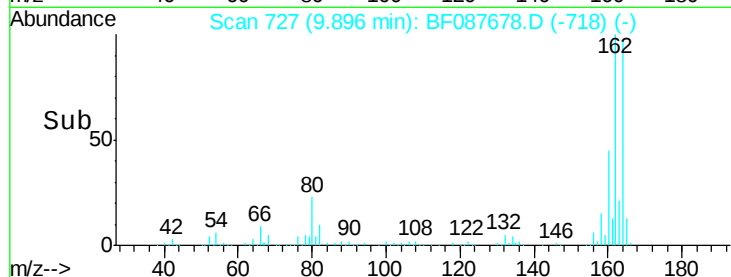
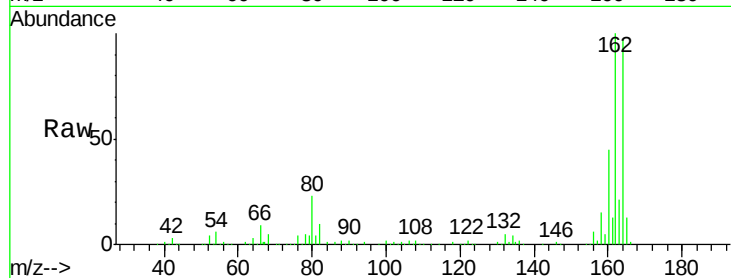




#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

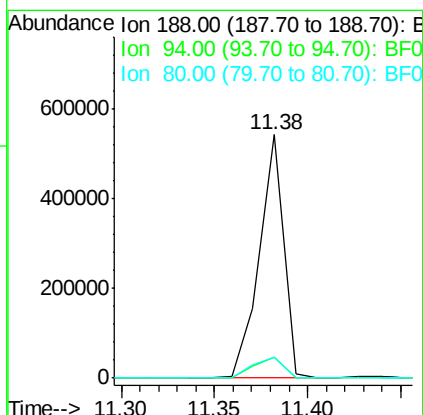
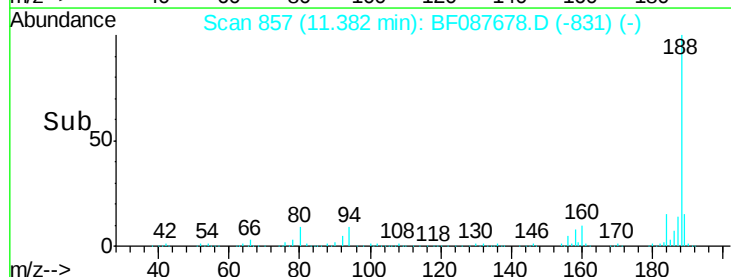
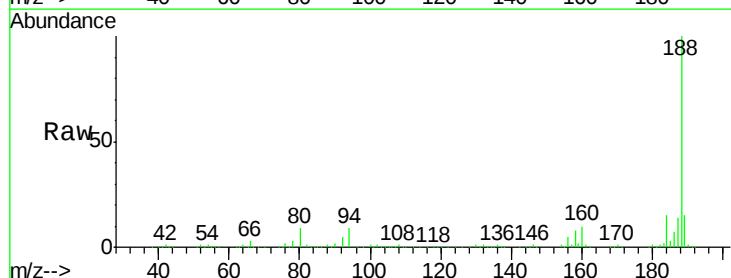
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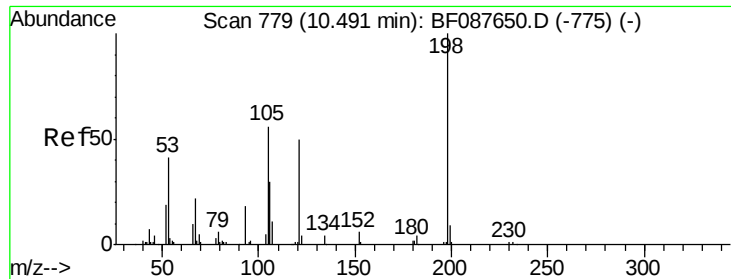
Tgt Ion:165 Resp: 31760
Ion Ratio Lower Upper
165 100
63 1.3 22.0 33.0#
89 1.4 41.1 61.7#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

Tgt Ion:188 Resp: 489334
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.6#
80 8.8 10.0 15.0#

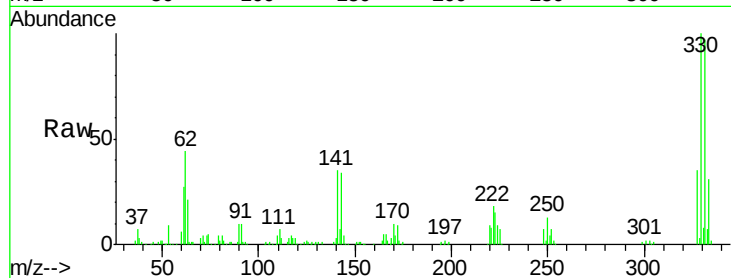




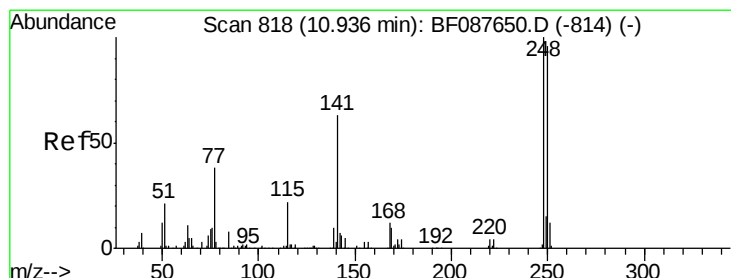
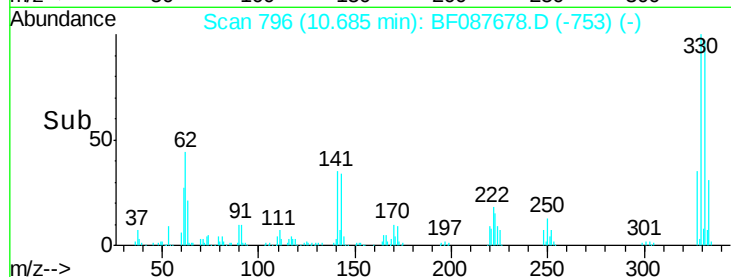
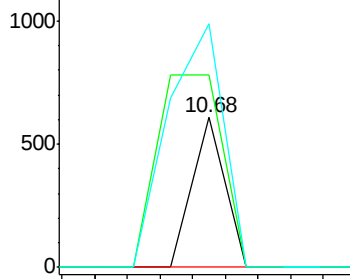
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.16 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 OM-SPN-001-160531

Tgt Ion:198 Resp: 417
 Ion Ratio Lower Upper
 198 100
 51 128.0 39.6 79.6#
 105 162.5 36.6 76.6#

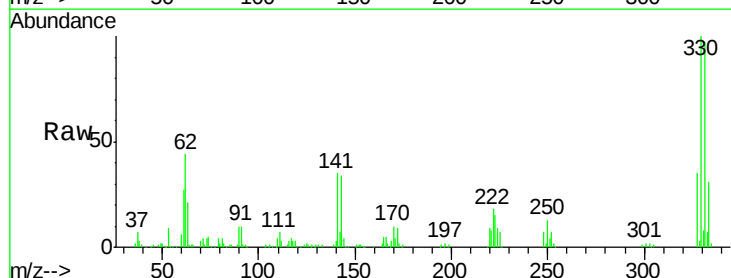


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

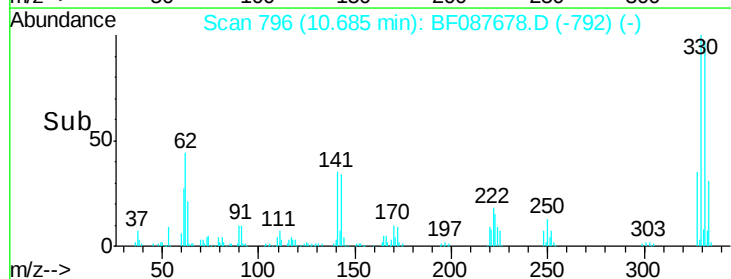
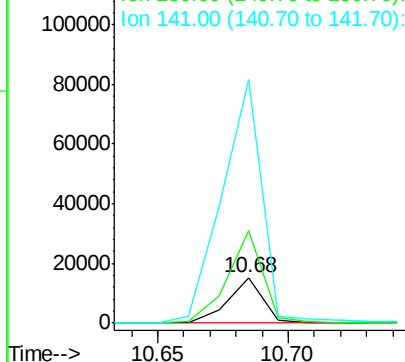


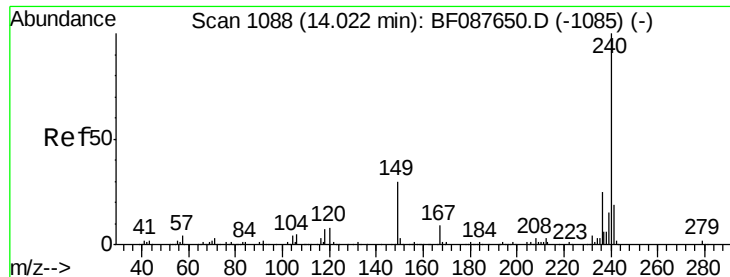
#66
 4-Bromophenyl-phenylether
 Concen: 2.91 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Tgt Ion:248 Resp: 14123
 Ion Ratio Lower Upper
 248 100
 250 201.3 77.1 115.7#
 141 532.5 50.6 76.0#



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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Instrument :

BNA_F

ClientSampleId :

OM-SPN-001-160531

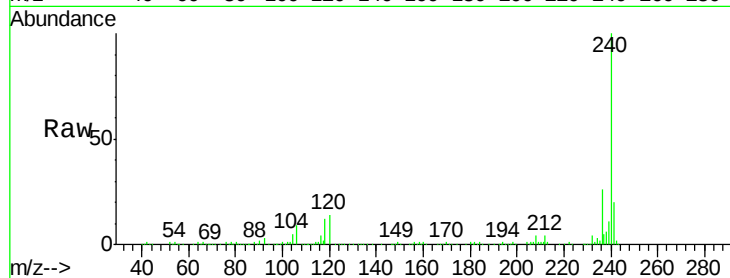
Tgt Ion:240 Resp: 397149

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

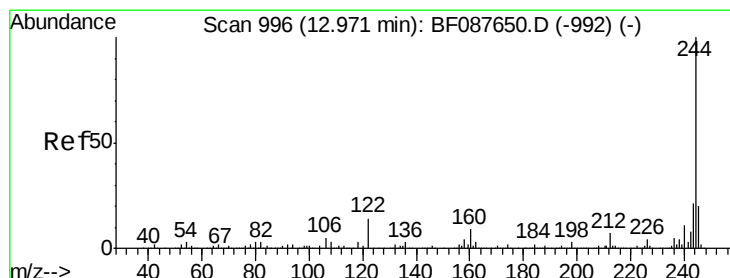
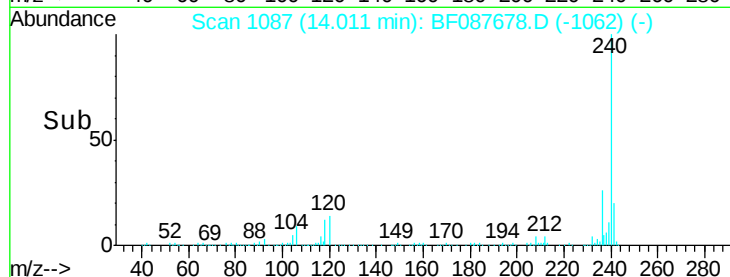
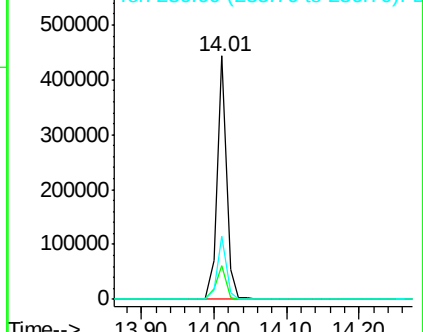
236 26.1 20.2 30.2



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: 58.91 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

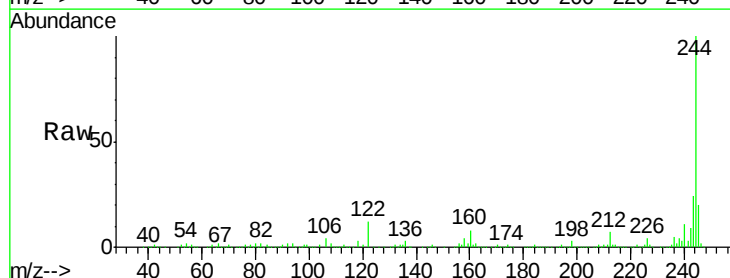
Tgt Ion:244 Resp: 958788

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

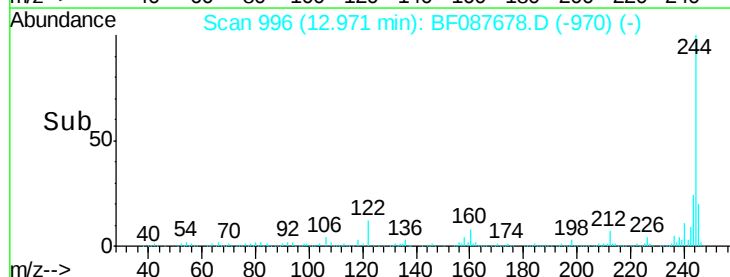
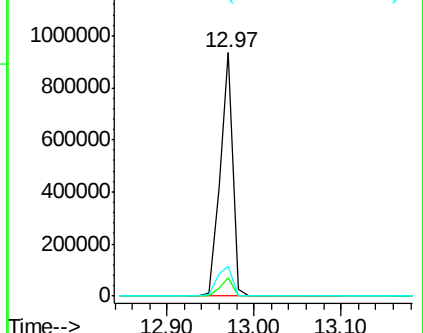
122 12.4 11.2 16.8

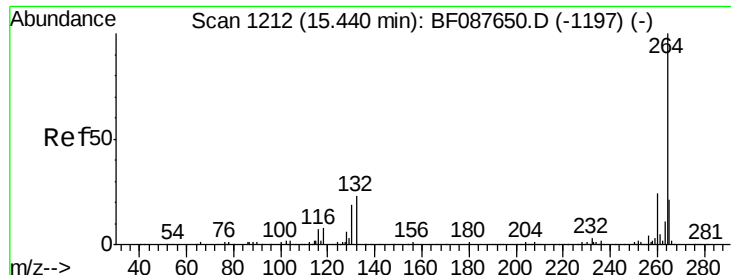


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

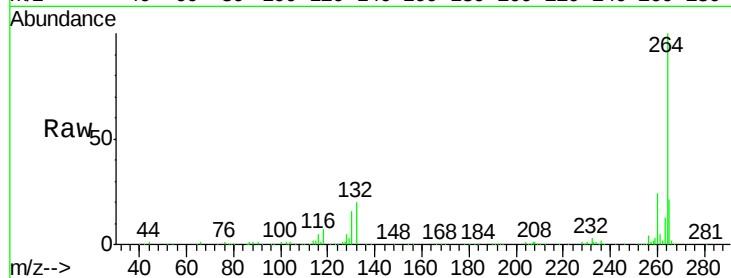




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
OM-SPN-001-160531

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3



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

