

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092867.D
 Acq On : 8 Feb 2017 21:41
 Operator : SJ/MA
 Sample : I1740-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Quant Time: Feb 08 23:44:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

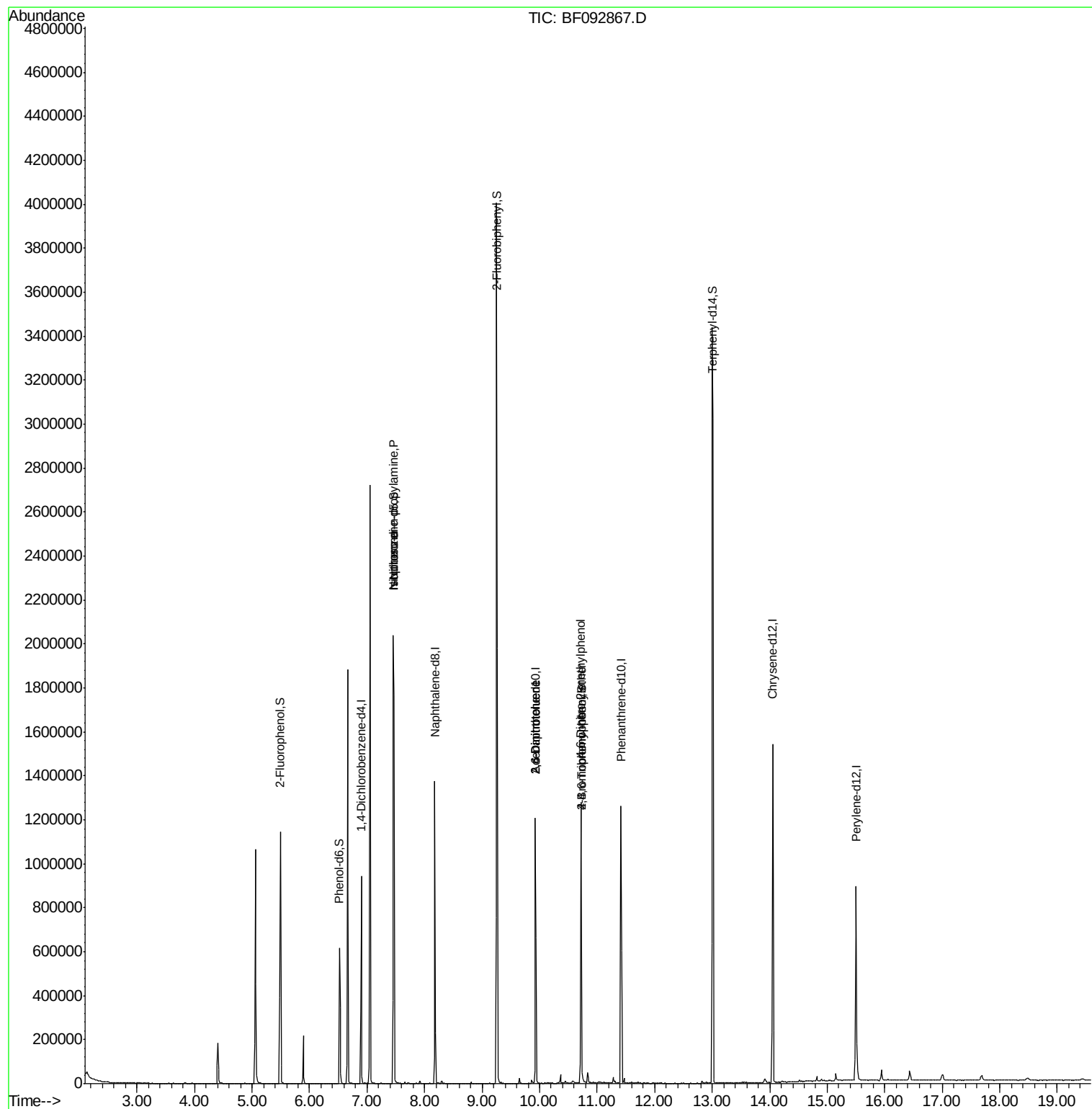
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	153389	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	587649	20.00	ng	-0.08
38) Acenaphthene-d10	9.93	164	320524	20.00	ng	-0.08
63) Phenanthrene-d10	11.41	188	528888	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	506376	20.00	ng	-0.09
86) Perylene-d12	15.51	264	434702	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	323574	36.19	ng	-0.08
7) Phenol-d6	6.52	99	240446	20.90	ng	-0.08
23) Nitrobenzene-d5	7.46	82	989035	93.72	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	216343	93.32	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1641198	92.76	ng	-0.08
78) Terphenyl-d14	13.01	244	1675617	77.75	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	126473	17.27	ng	# 83
25) Isophorone	7.46	82	986304	50.16	ng	# 65
50) 2,6-Dinitrotoluene	9.93	165	40697	8.73	ng	# 31
56) 2,4-Dinitrotoluene	9.93	165	40698	6.56	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.72	198	470	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	14594	2.64	ng	# 1

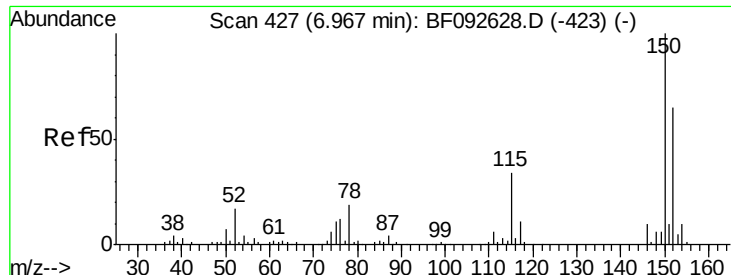
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092867.D
Acq On : 8 Feb 2017 21:41
Operator : SJ/MA
Sample : I1740-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-U-M

Quant Time: Feb 08 23:44:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

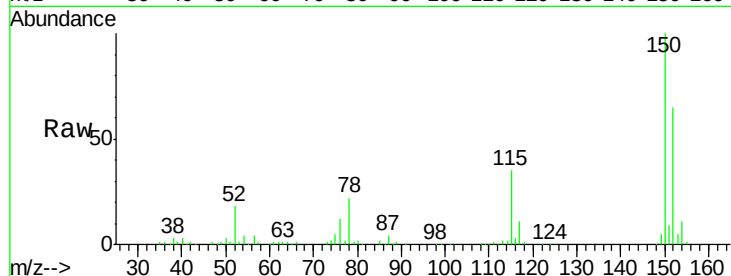




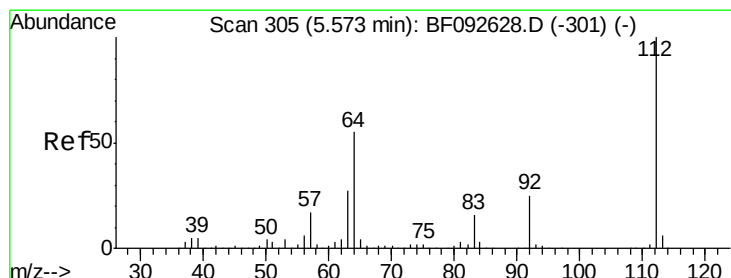
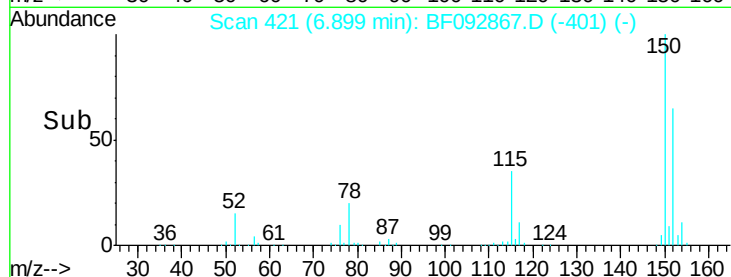
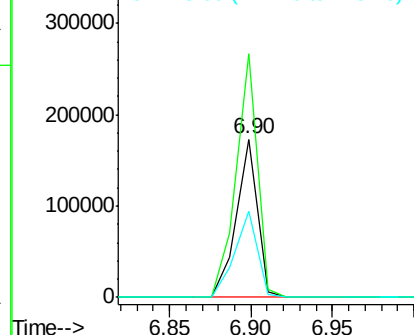
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.07 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Tgt Ion:152 Resp: 153389
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.9 187.3
 115 54.3 46.0 69.0

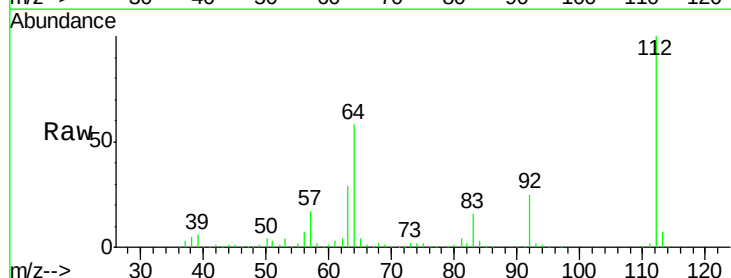


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

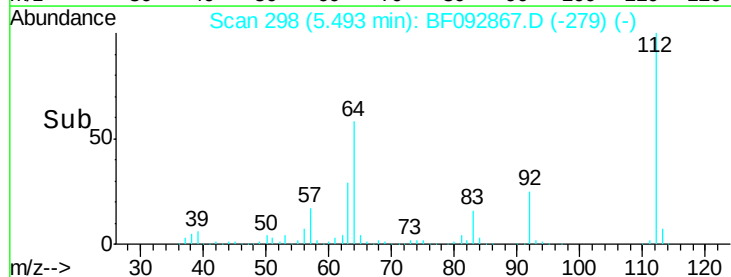
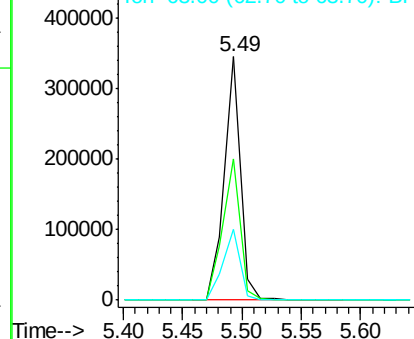


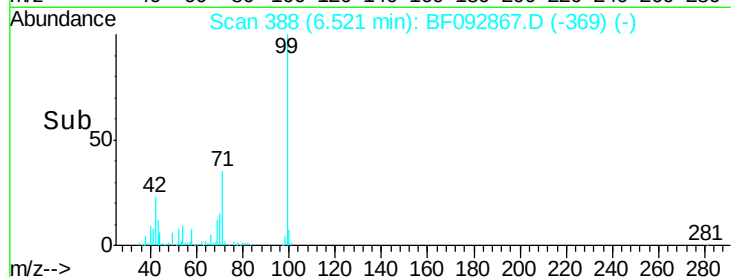
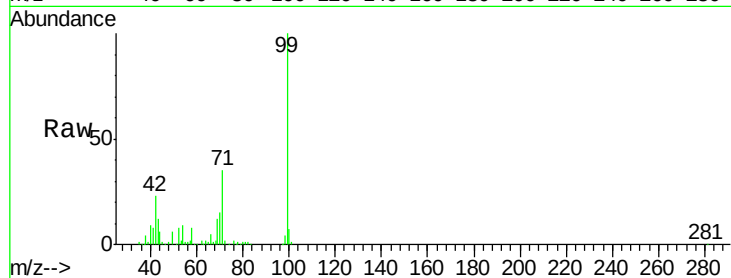
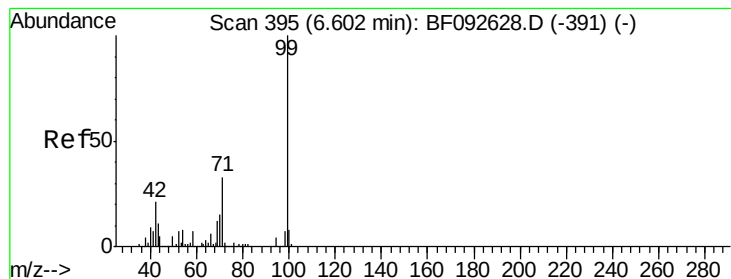
#5
 2-Fluorophenol
 Concen: 36.19 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.08 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Tgt Ion:112 Resp: 323574
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.1 69.1
 63 29.0 23.8 35.6



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: 20.90 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-U-M

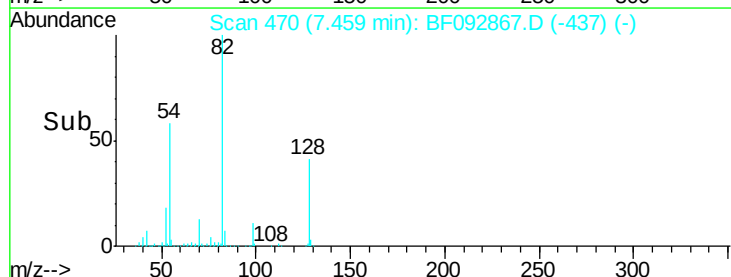
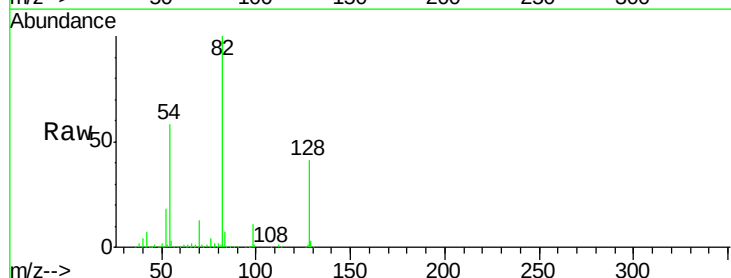
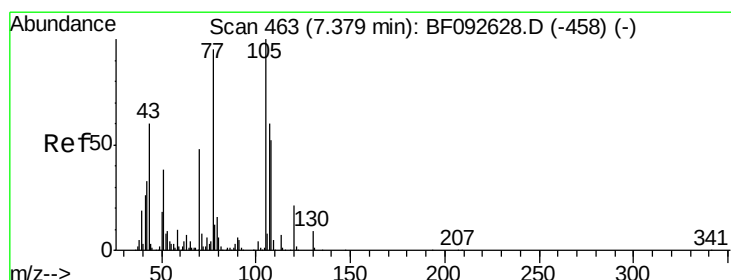
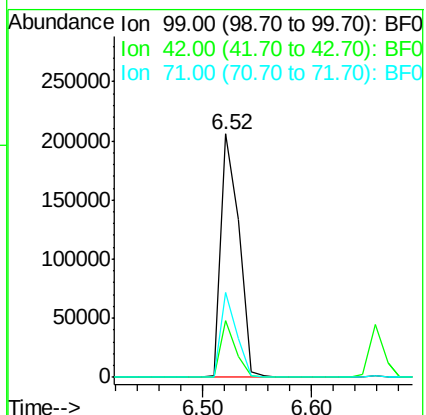
Tgt Ion: 99 Resp: 240446

Ion Ratio Lower Upper

99 100

42 23.1 15.6 23.4

71 35.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.27 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Tgt Ion: 70 Resp: 126473

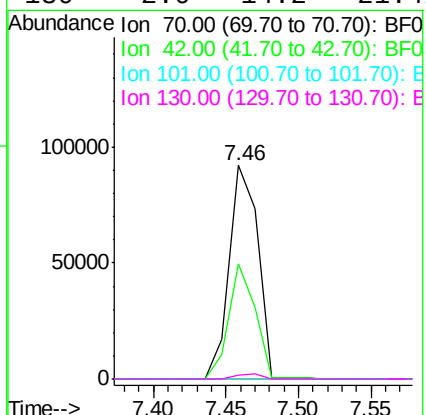
Ion Ratio Lower Upper

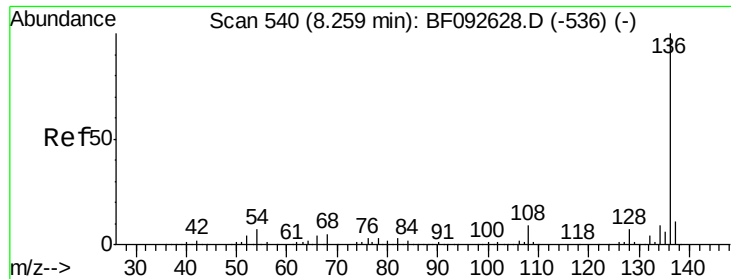
70 100

42 54.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

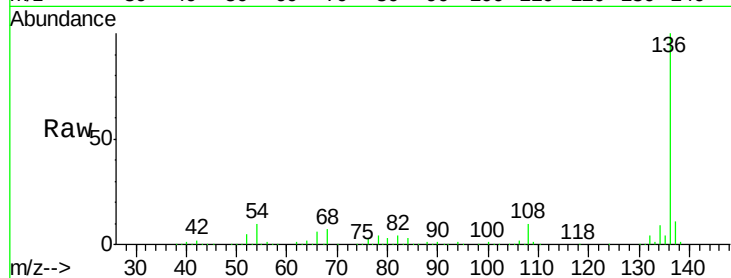




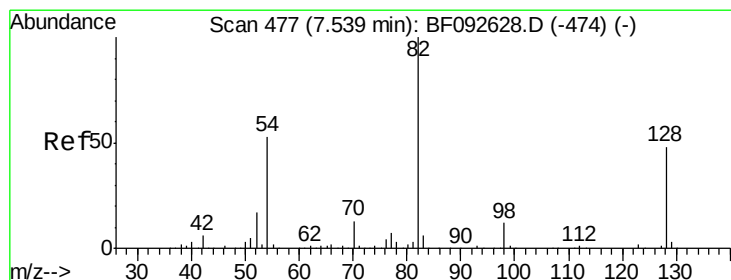
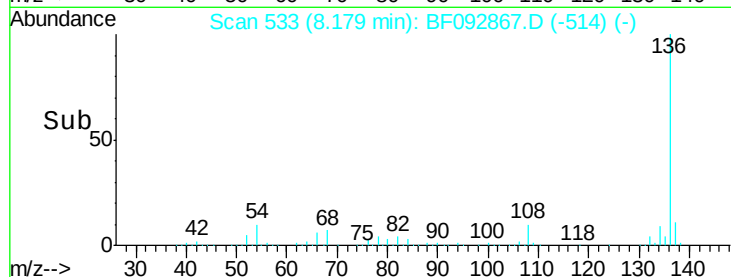
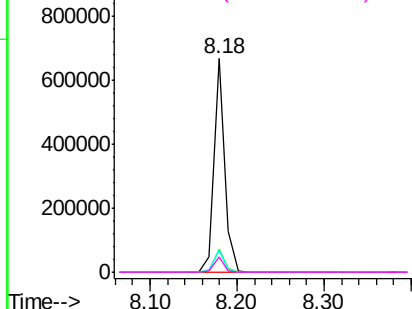
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092867.D
Acq: 8 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-U-M

Tgt Ion:	136	Resp:	587649
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.5	4.5	6.7#
68	7.2	3.6	5.4#

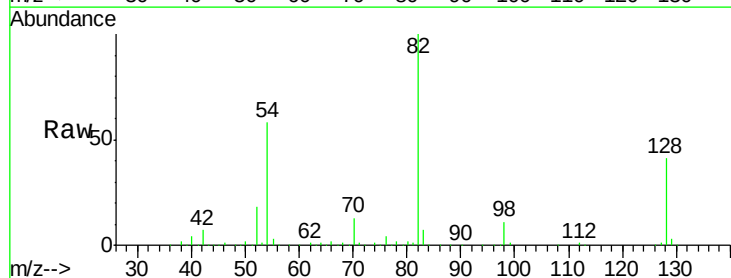


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

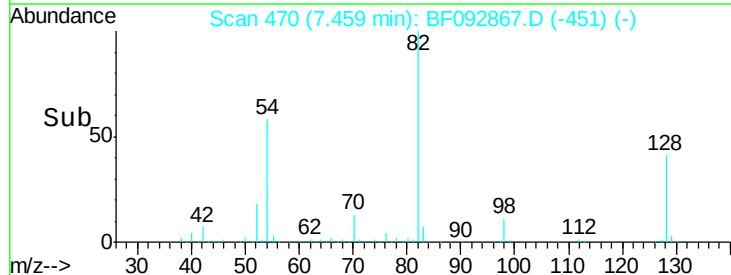
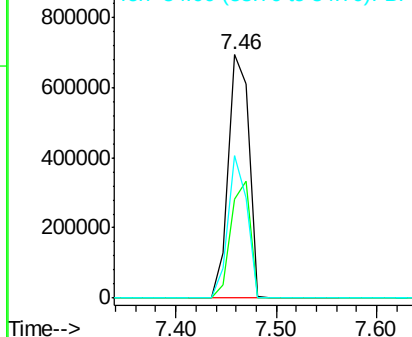


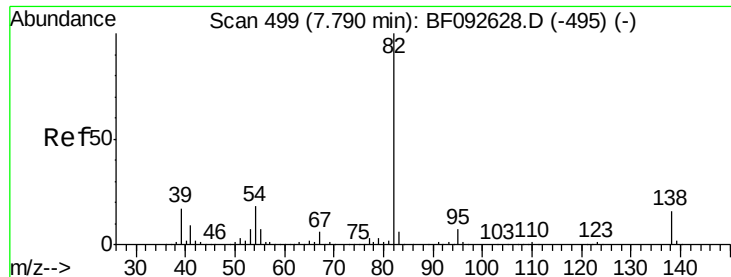
#23
Nitrobenzene-d5
Concen: 93.72 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092867.D
Acq: 8 Feb 2017 21:41

Tgt Ion:	82	Resp:	989035
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	58.3	39.5	59.3



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





#25

Isophorone

Concen: 50.16 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.33 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-U-M

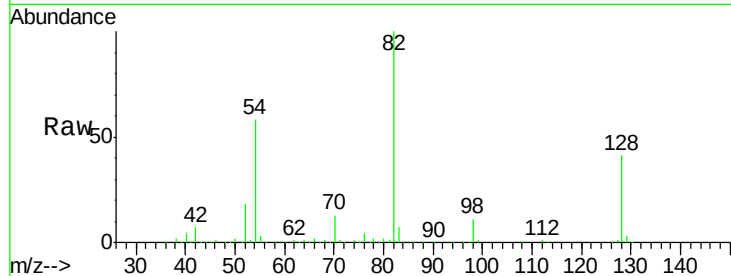
Tgt Ion: 82 Resp: 986304

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

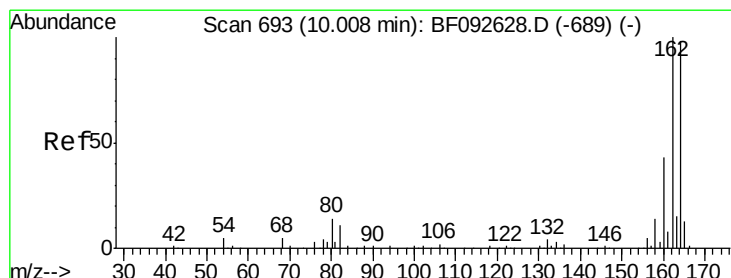
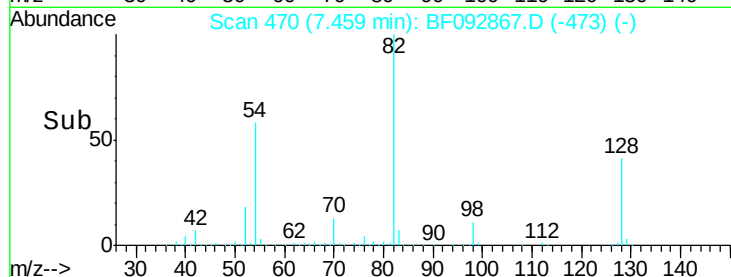
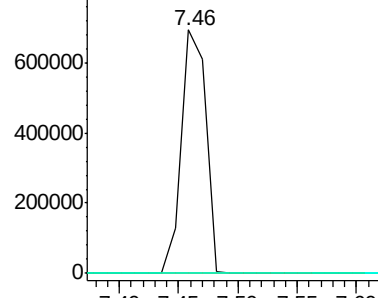
138 0.0 14.6 22.0#



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: 9.93 min Scan# 686

Delta R.T. -0.08 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

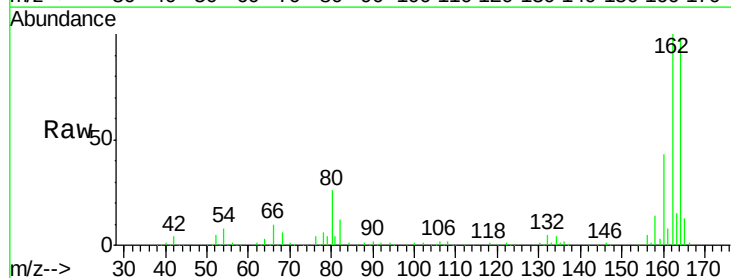
Tgt Ion: 164 Resp: 320524

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

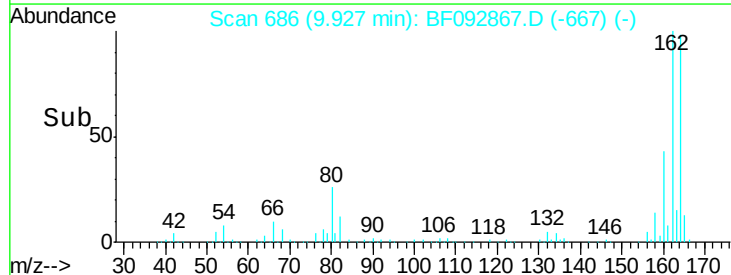
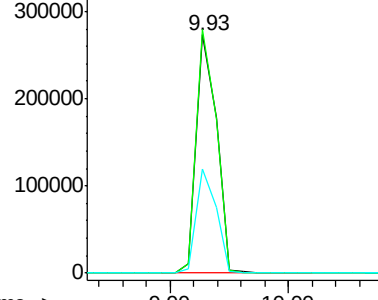
160 44.0 36.9 55.3

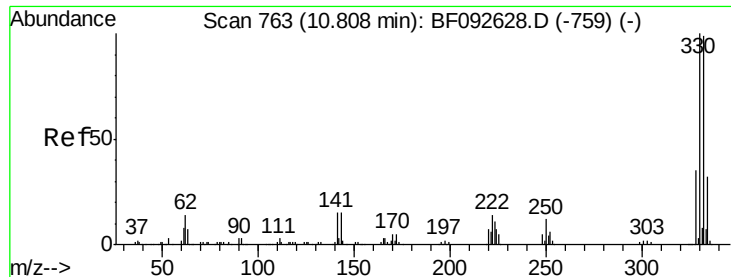


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

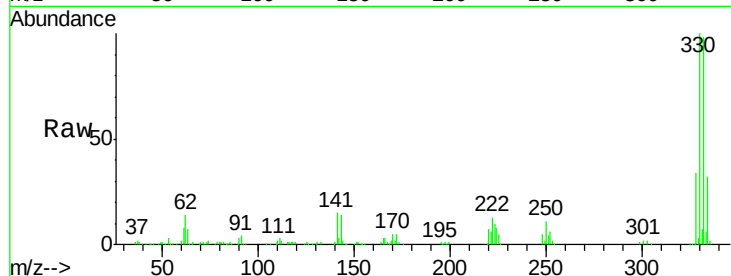




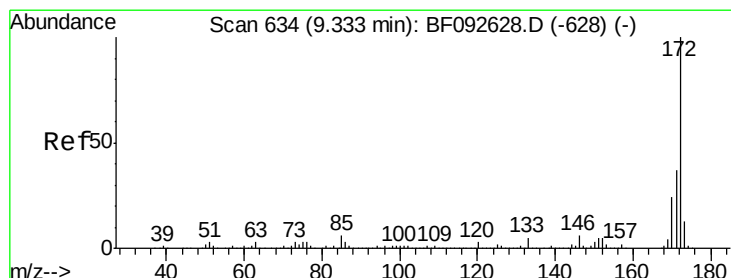
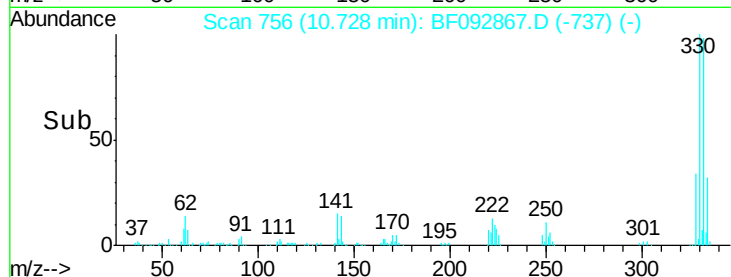
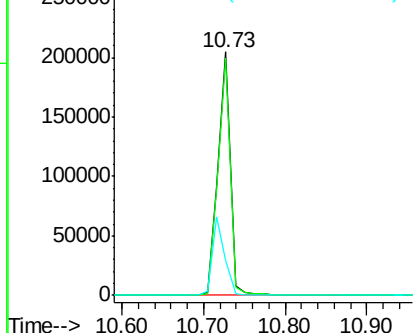
#41
 2,4,6-Tribromophenol
 Concen: 93.32 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Tgt Ion:330 Resp: 216343
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 33.0 34.1 51.1#

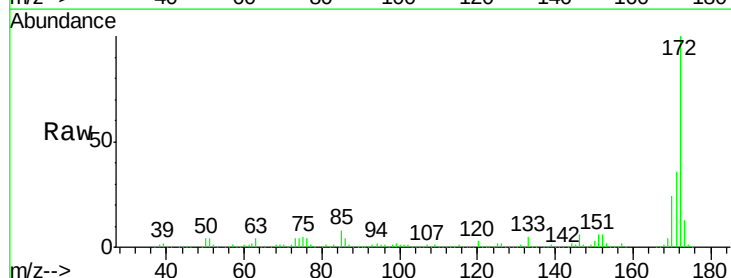


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

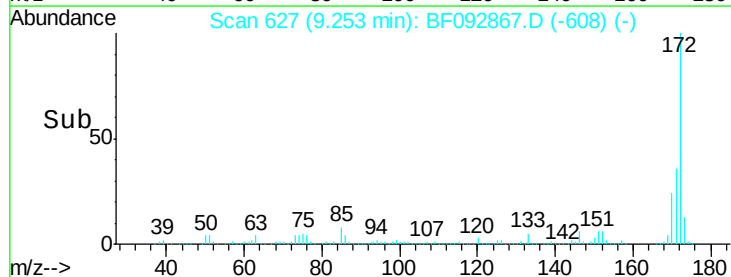
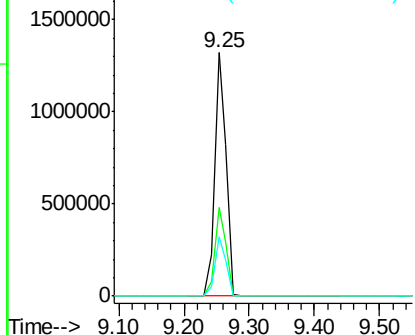


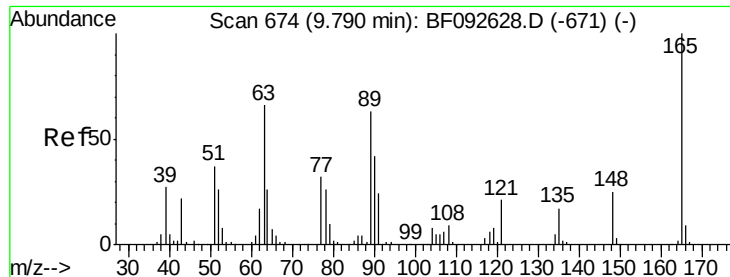
#44
 2-Fluorobiphenyl
 Concen: 92.76 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Tgt Ion:172 Resp: 1641198
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 20.2 30.4



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

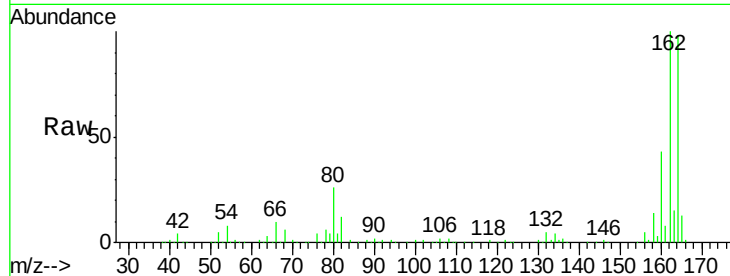




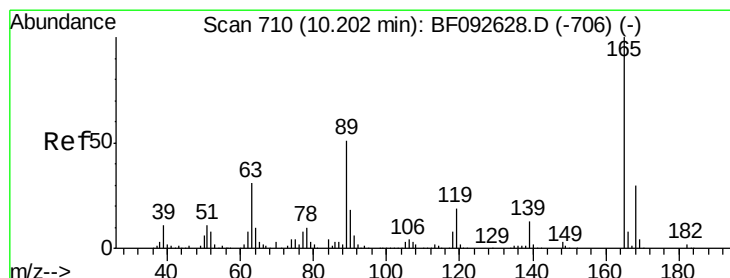
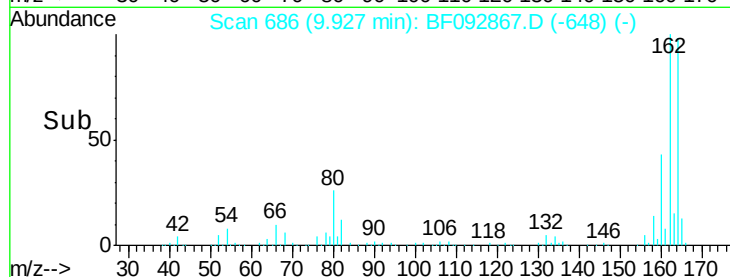
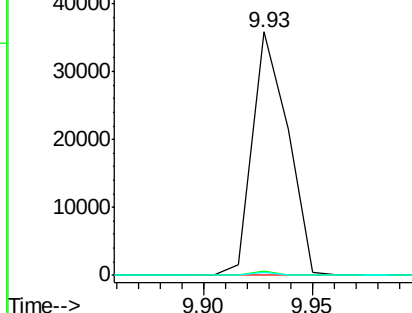
#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.14 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.1	40.2	60.4#

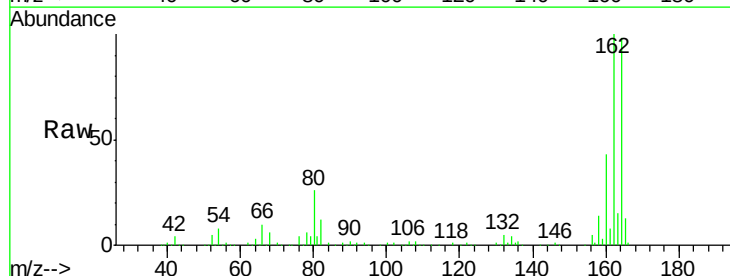


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

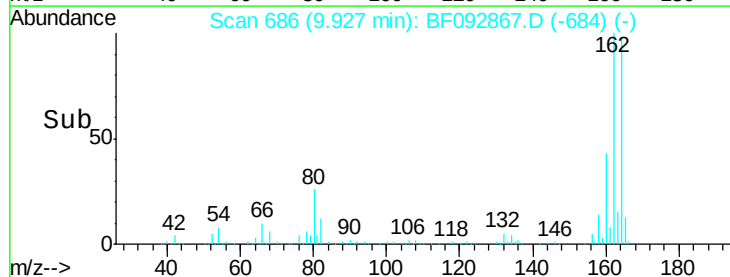
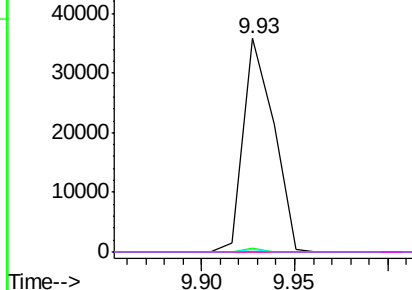


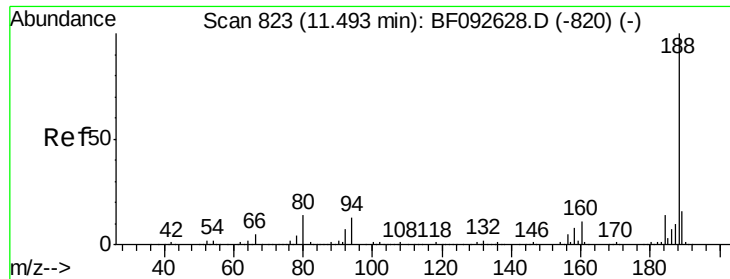
#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.27 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	1.1	62.5	93.7#
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

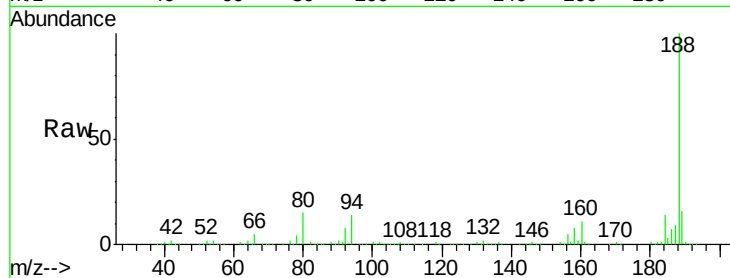




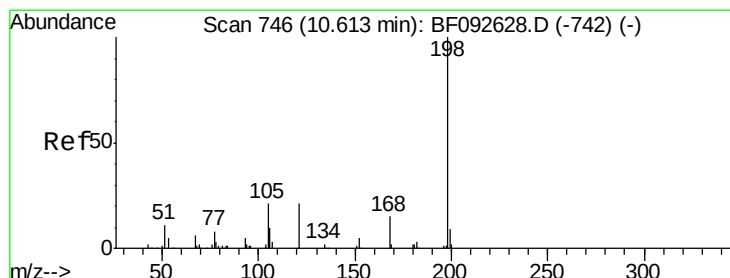
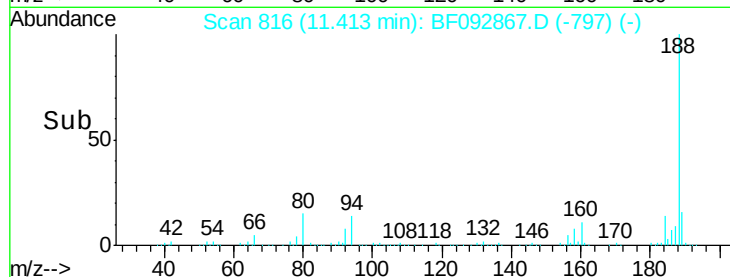
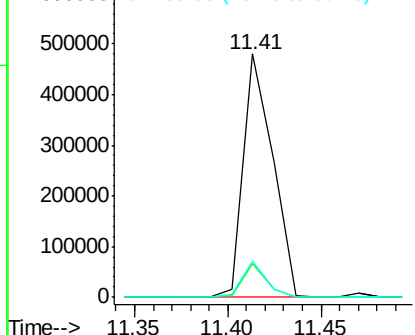
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.08 min
Lab File: BF092867.D
Acq: 8 Feb 2017 21:41

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-U-M

Tgt Ion:188 Resp: 528888
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 15.0 11.2 16.8

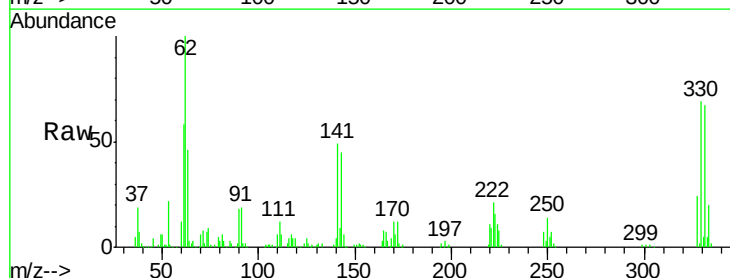


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

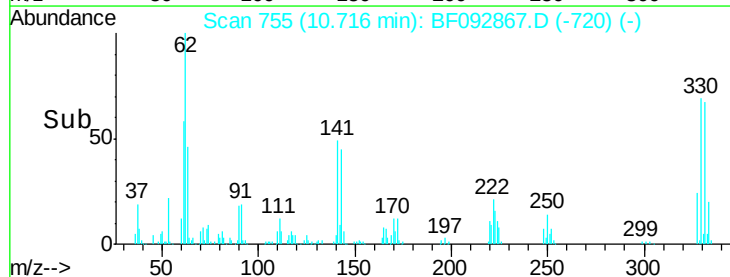
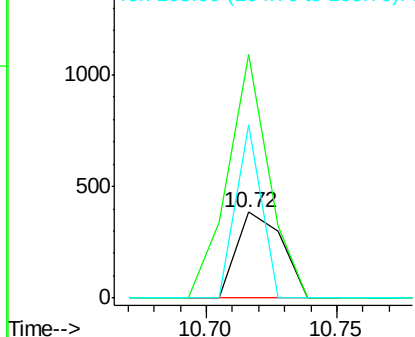


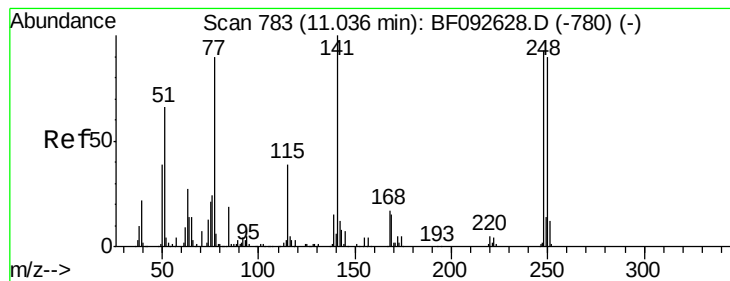
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.10 min
Lab File: BF092867.D
Acq: 8 Feb 2017 21:41

Tgt Ion:198 Resp: 470
Ion Ratio Lower Upper
198 100
51 284.1 6.7 46.7#
105 202.1 16.6 56.6#



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: 2.64 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.31 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-U-M

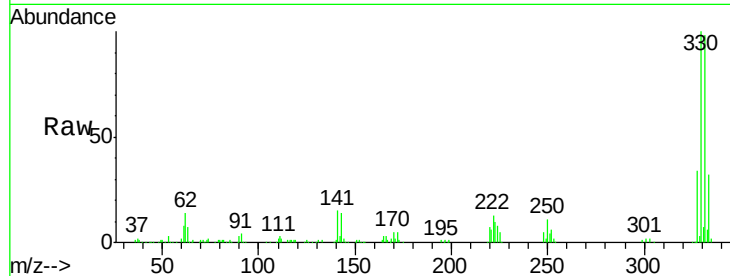
Tgt Ion:248 Resp: 14594

Ion Ratio Lower Upper

248 100

250 214.1 76.9 115.3#

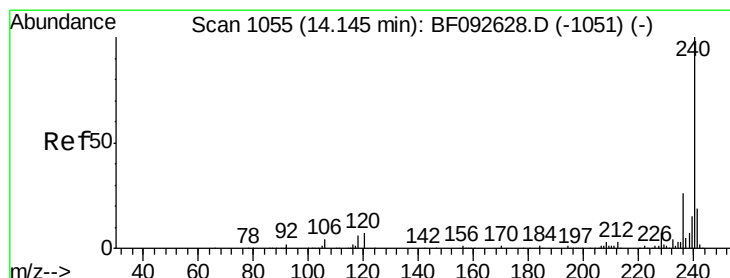
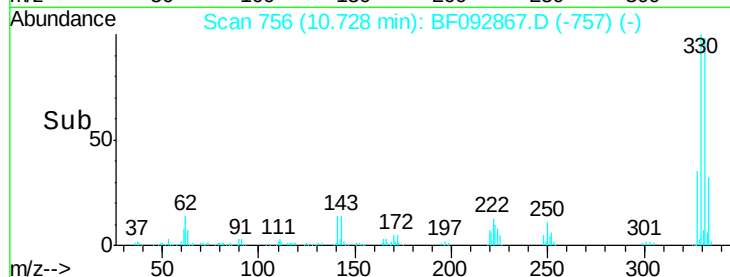
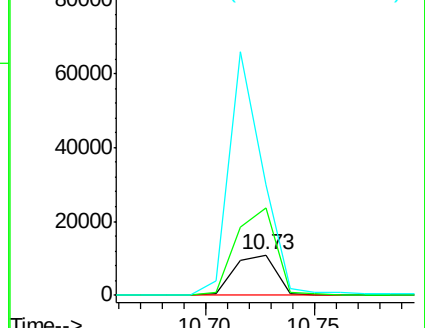
141 272.1 68.2 102.4#



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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092867.D

Acq: 8 Feb 2017 21:41

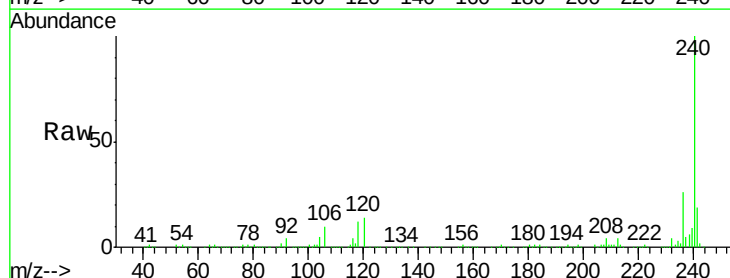
Tgt Ion:240 Resp: 506376

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

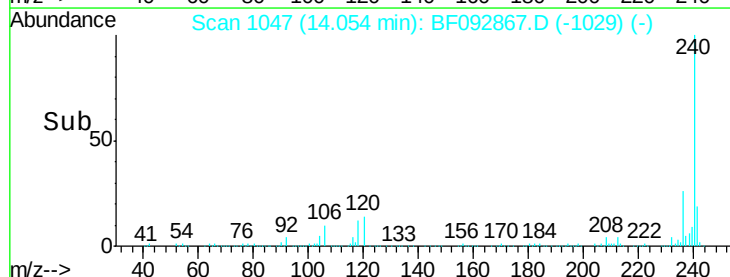
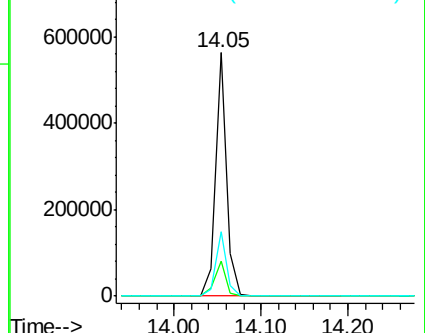
236 26.4 20.9 31.3

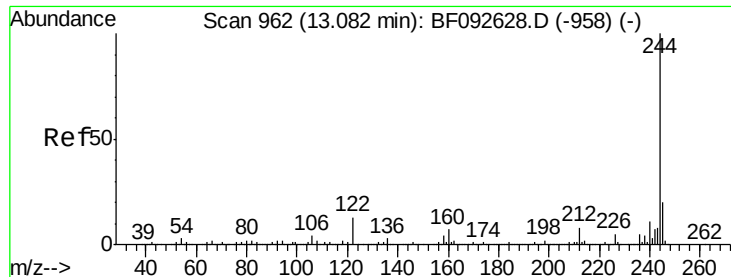


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

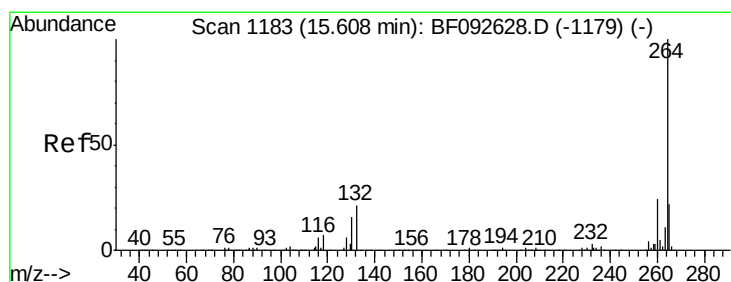
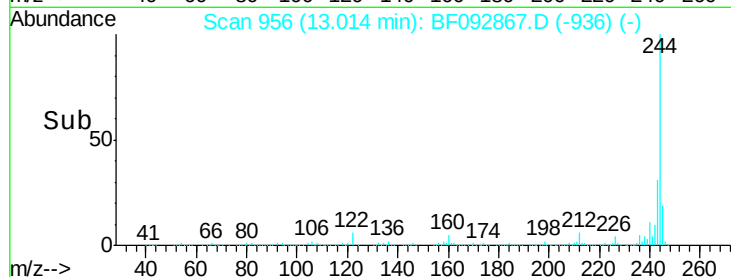
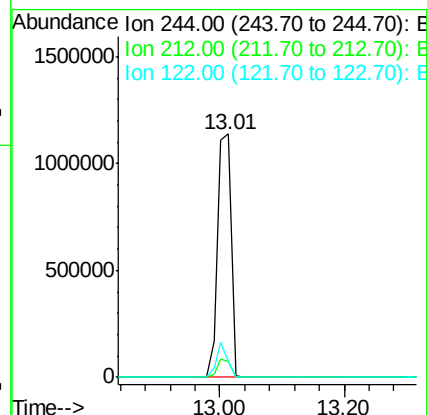
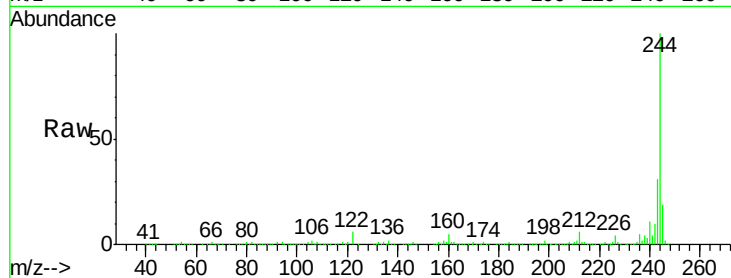




#78
 Terphenyl-d14
 Concen: 77.75 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-U-M

Tgt Ion:244 Resp: 1675617
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.2 9.2
 122 6.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092867.D
 Acq: 8 Feb 2017 21:41

Tgt Ion:264 Resp: 434702
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.5 17.4 26.0

