

Data Path : Z:\HPCHEM1\BNA F\Data\BF012716\
 Data File : BF084618.D
 Acq On : 27 Jan 2016 13:47
 Operator : SJ/IZ
 Sample : PB87993BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 17:35:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

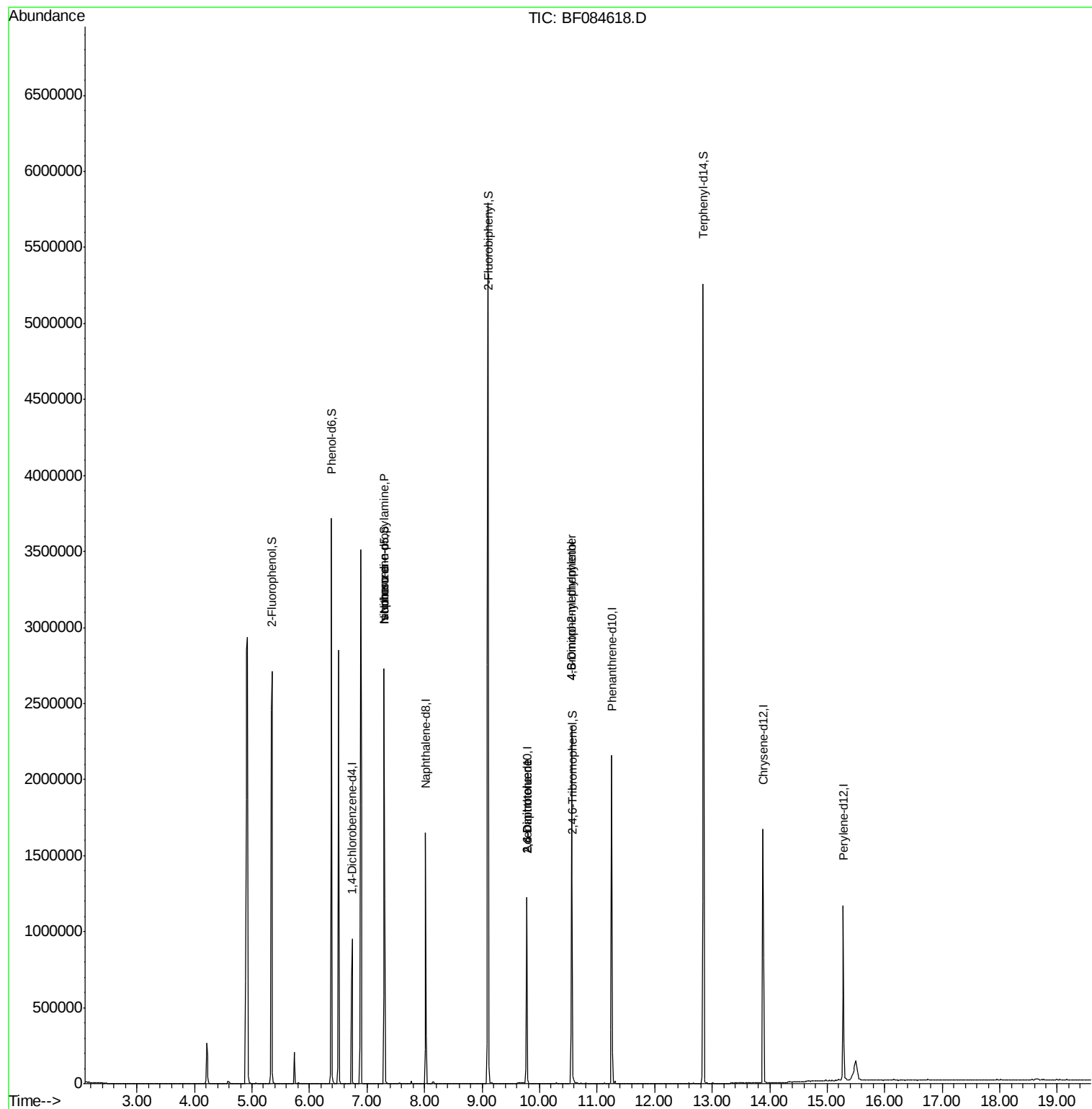
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	184059	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	737742	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	359989	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	740962	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	676990	20.00	ng	-0.01
86) Perylene-d12	15.28	264	529150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1041576	91.53	ng	0.01
7) Phenol-d6	6.38	99	1380758	96.61	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1046909	78.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	369752	101.74	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1980097	97.71	ng	0.00
78) Terphenyl-d14	12.84	244	2204524	72.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	140104	14.48	ng	# 71
25) Isophorone	7.30	82	911764	35.96	ng	# 66
50) 2,6-Dinitrotoluene	9.78	165	44869	7.95	ng	# 38
56) 2,4-Dinitrotoluene	9.78	165	44869	6.28	ng	# 21
57) Fluorene	10.56	166	13804	Below Cal		# 92
64) 4,6-Dinitro-2-methylphenol	10.56	198	447	6.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	22210	2.78	ng	# 1
73) Di-n-butylphthalate	11.82	149	837	Below Cal		# 79

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

Data Path : Z:\HPCHEM1\BNA F\Data\BF012716\
Data File : BF084618.D
Acq On : 27 Jan 2016 13:47
Operator : SJ/IZ
Sample : PB87993BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 27 17:35:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration



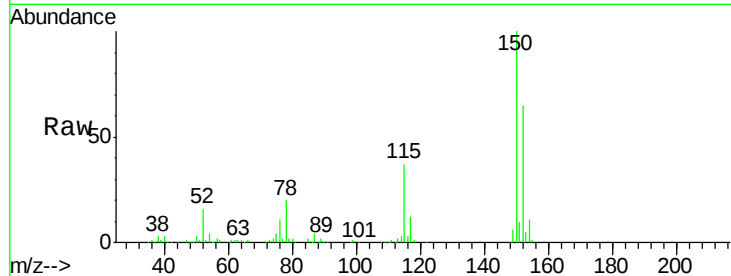


#1

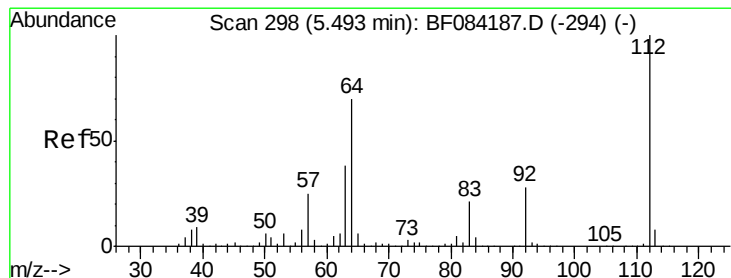
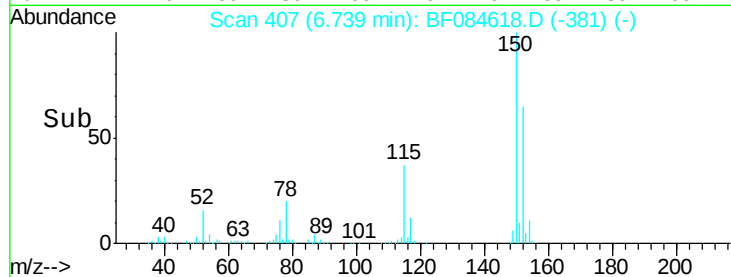
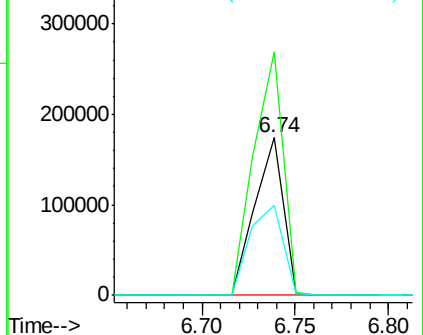
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084618.D
Acq: 27 Jan 2016 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184059
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 57.1 51.4 77.2



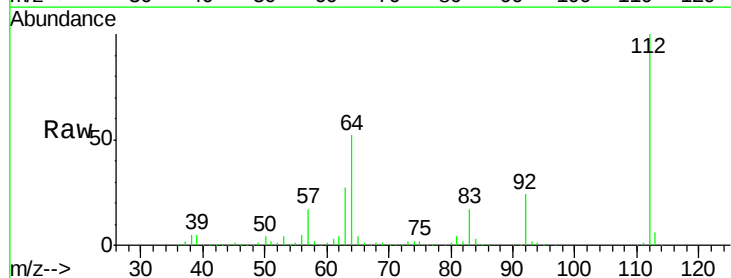
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



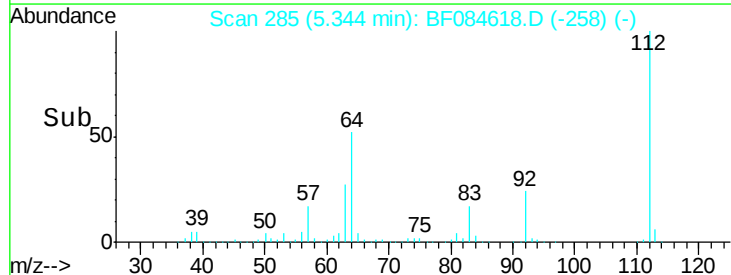
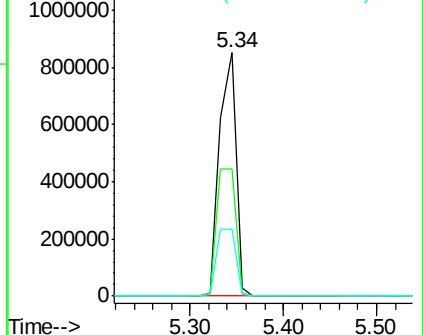
#5

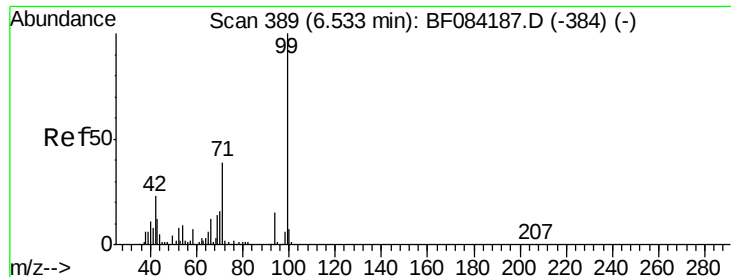
2-Fluorophenol
Concen: 91.53 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF084618.D
Acq: 27 Jan 2016 13:47

Tgt Ion:112 Resp: 1041576
Ion Ratio Lower Upper
112 100
64 52.1 36.6 55.0
63 27.3 19.4 29.0



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: 96.61 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084618.D

Acq: 27 Jan 2016 13:47

Instrument :

BNA_F

ClientSampleId :

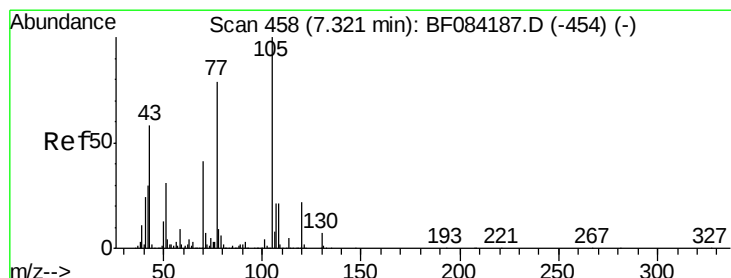
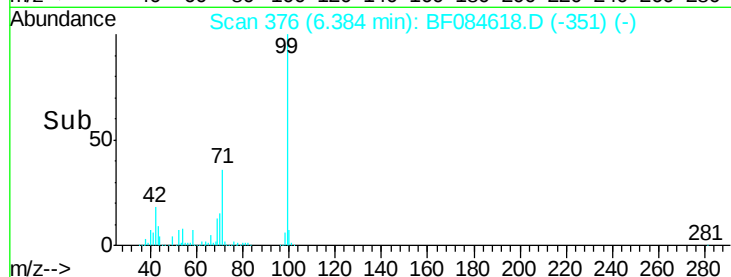
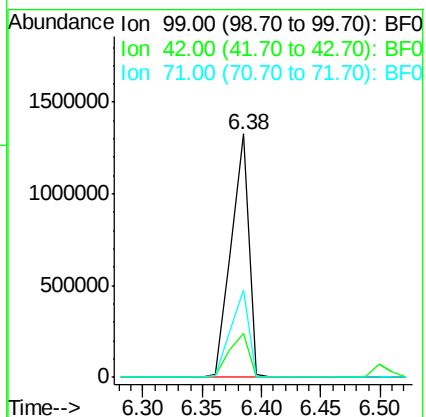
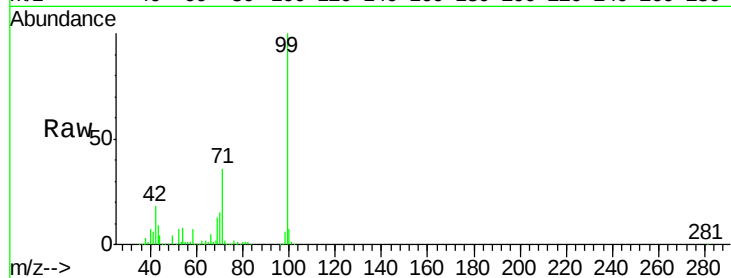
Tot Ion: 99 Resp: 1380758

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

71 35.9 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.48 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF084618.D

Acq: 27 Jan 2016 13:47

Tgt Ion: 70 Resp: 140104

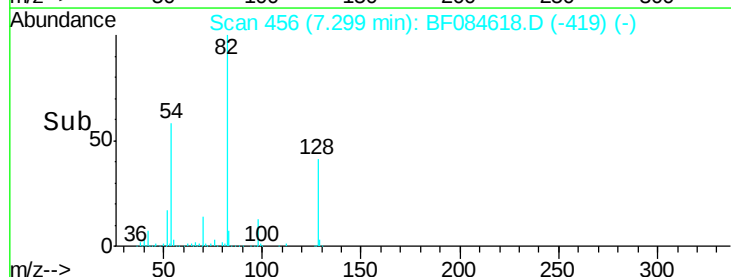
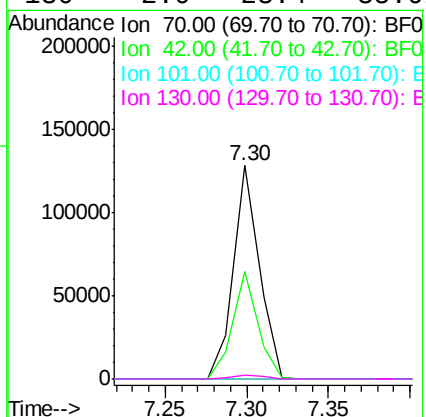
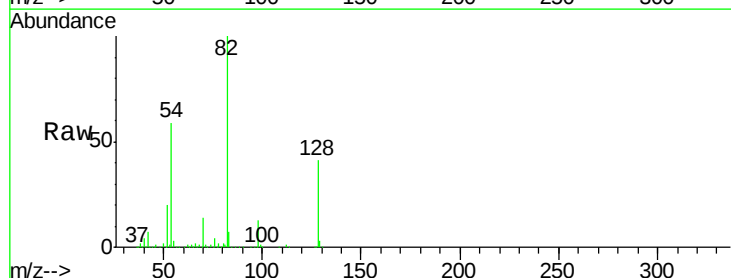
Ion Ratio Lower Upper

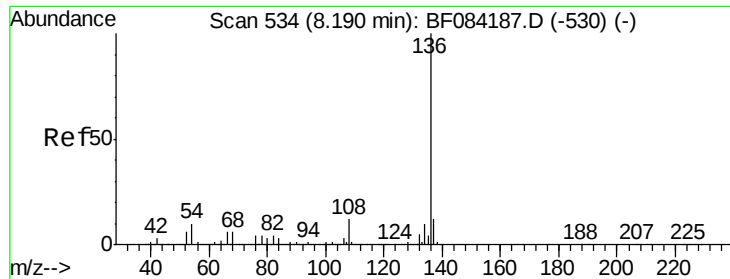
70 100

42 50.2 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084618.D

Acq: 27 Jan 2016 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 737742

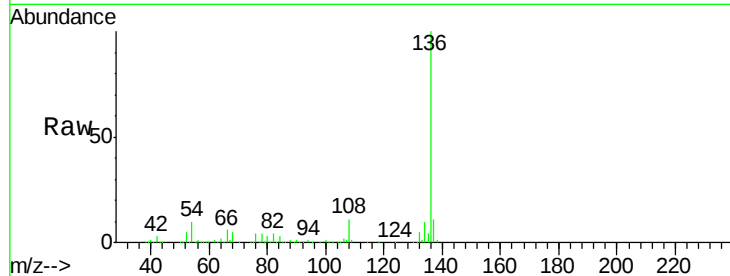
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.8 5.8 8.8#

68 5.2 4.2 6.2

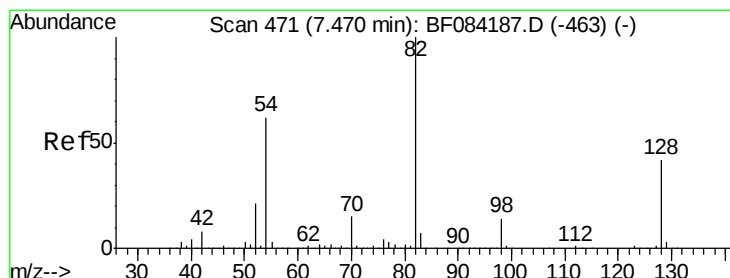
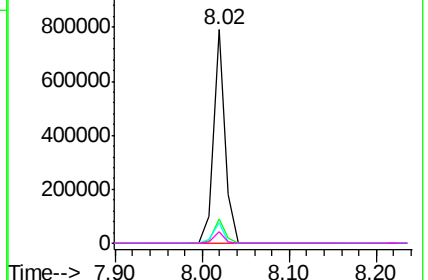
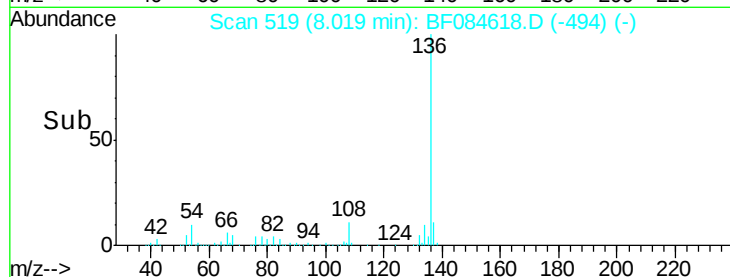


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.98 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF084618.D

Acq: 27 Jan 2016 13:47

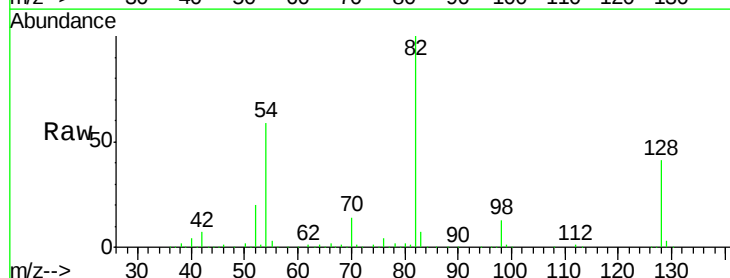
Tgt Ion: 82 Resp: 1046909

Ion Ratio Lower Upper

82 100

128 41.2 34.6 51.8

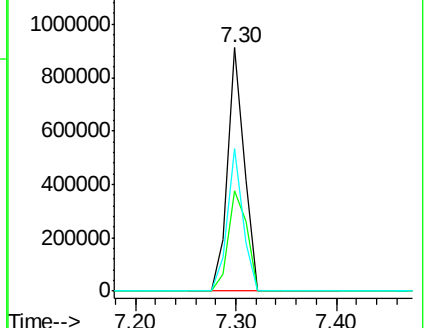
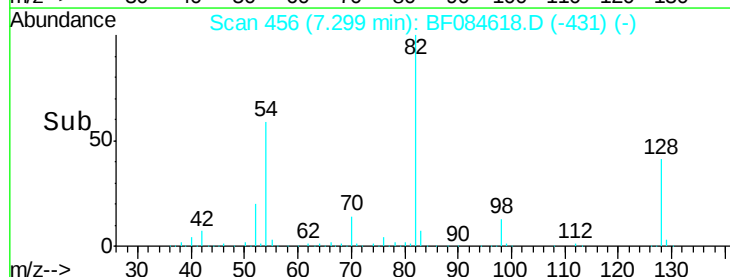
54 58.6 38.4 57.6#

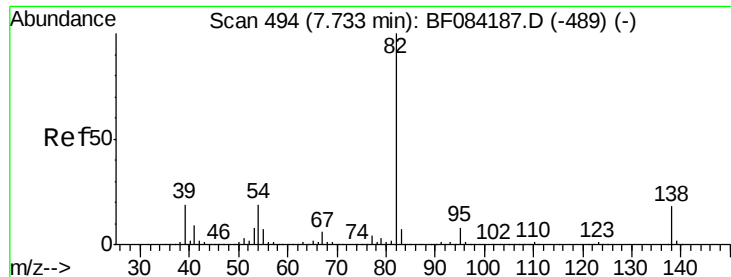


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.96 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.27 min

Lab File: BF084618.D

Acq: 27 Jan 2016 13:47

Instrument :

BNA_F

ClientSampleId :

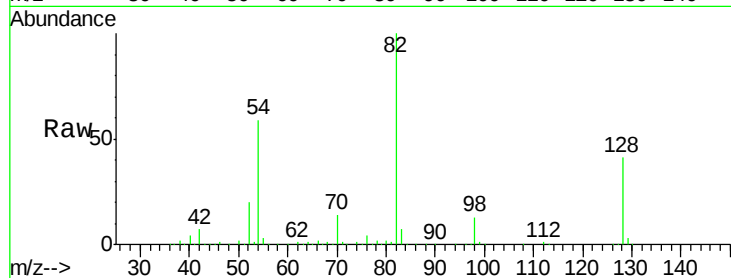
Tot Ion: 82 Resp: 911764

Ion Ratio Lower Upper

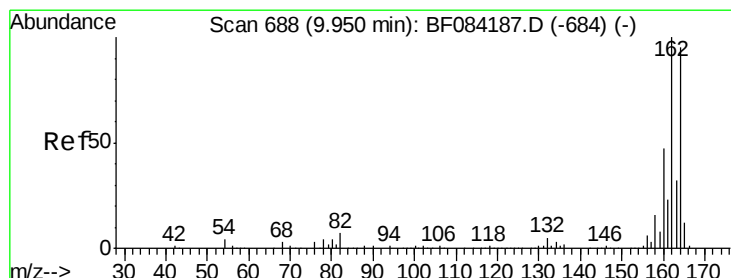
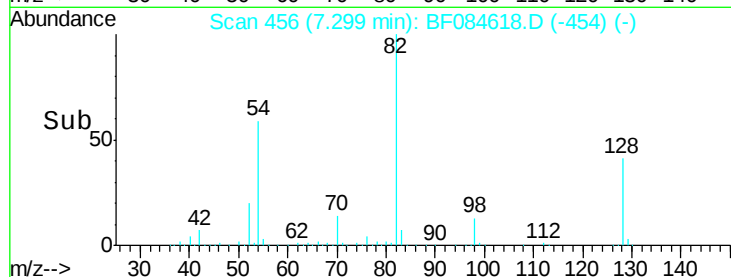
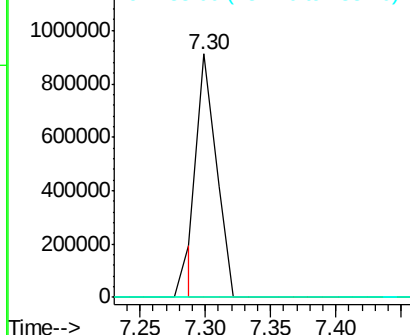
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



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: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF084618.D

Acq: 27 Jan 2016 13:47

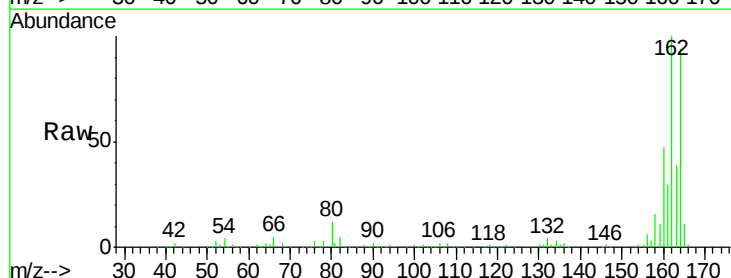
Tgt Ion:164 Resp: 359989

Ion Ratio Lower Upper

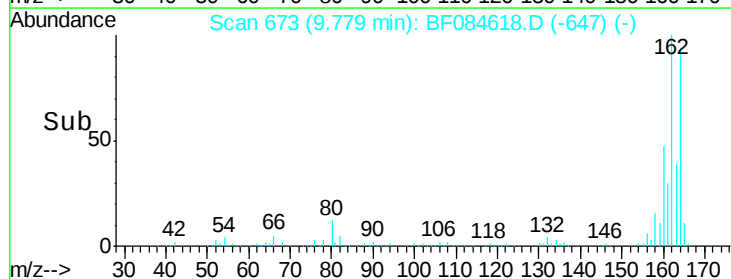
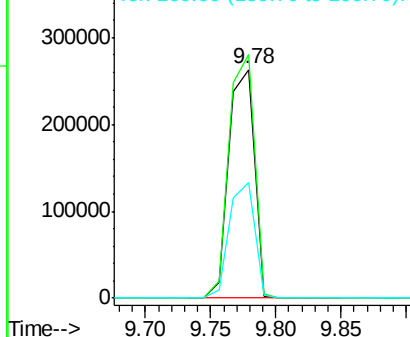
164 100

162 106.4 85.1 127.7

160 50.5 37.5 56.3



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

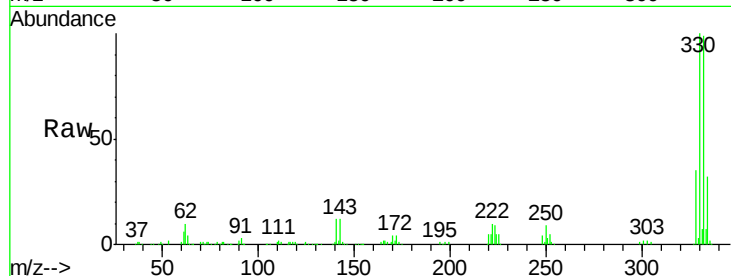




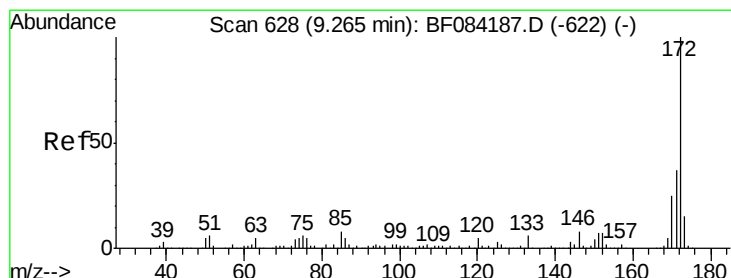
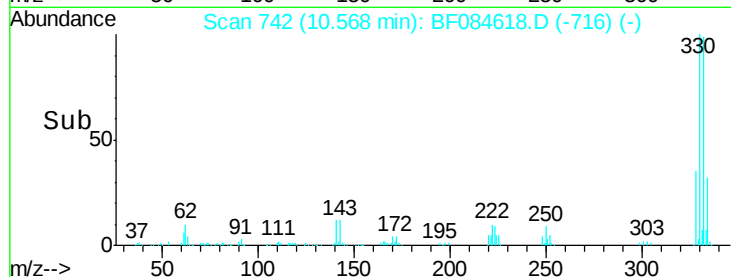
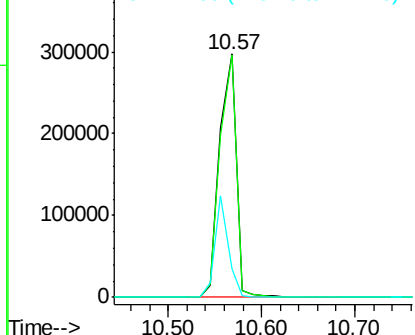
#41
 2,4,6-Tribromophenol
 Concen: 101.74 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084618.D
 Acq: 27 Jan 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 369752
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 33.8 27.8 41.6

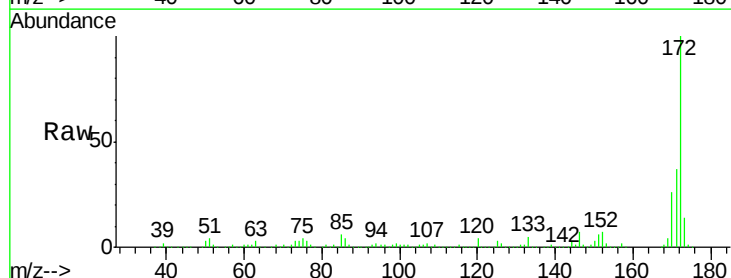


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

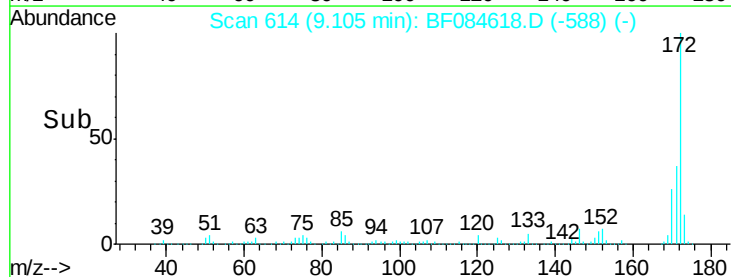
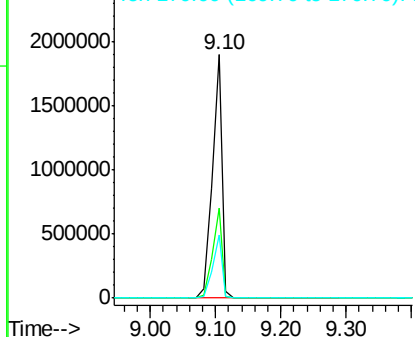


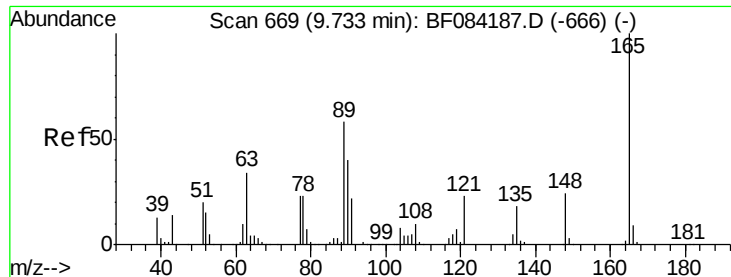
#44
 2-Fluorobiphenyl
 Concen: 97.71 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084618.D
 Acq: 27 Jan 2016 13:47

Tgt Ion:172 Resp: 1980097
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.8 18.6 27.8



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

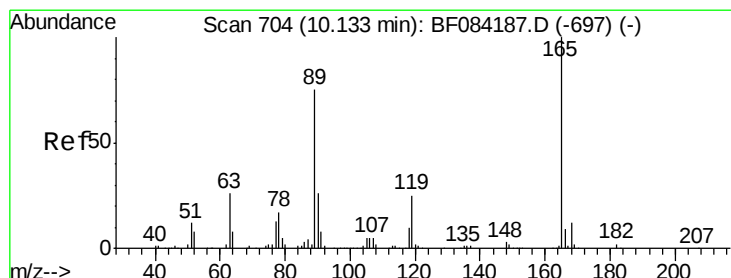
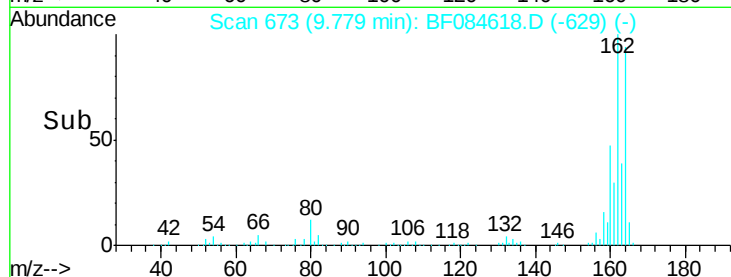
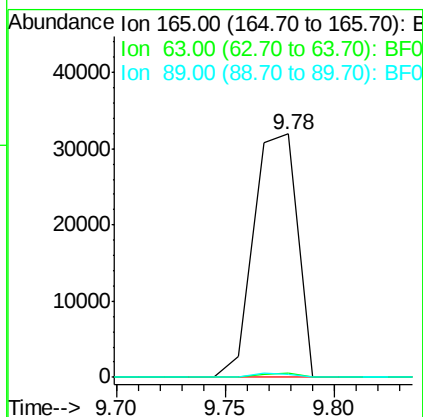
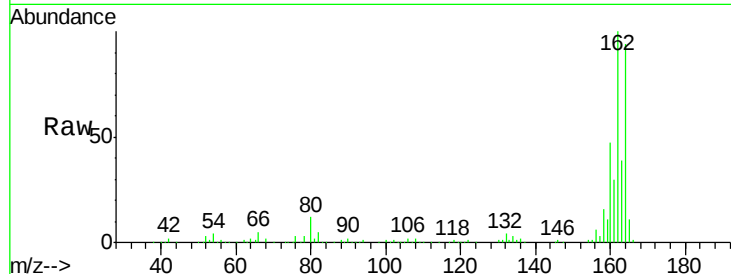




#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.21 min
 Lab File: BF084618.D
 Acq: 27 Jan 2016 13:47

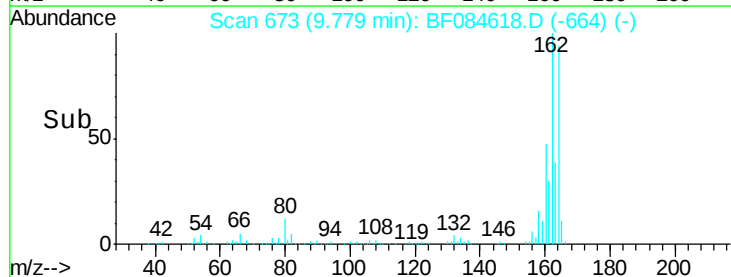
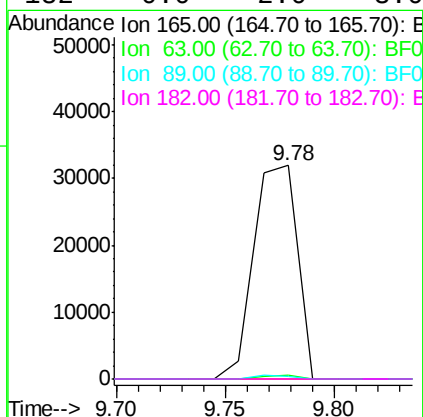
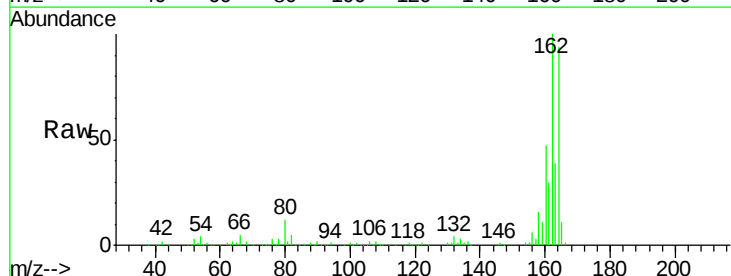
Instrument :
 BNA_F
 ClientSampleId :

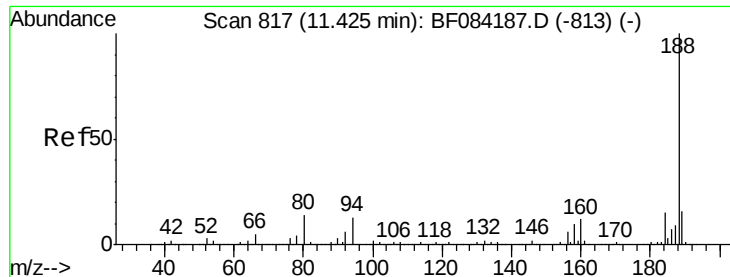
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	28.8	43.2#
89	1.3	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.19 min
 Lab File: BF084618.D
 Acq: 27 Jan 2016 13:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#

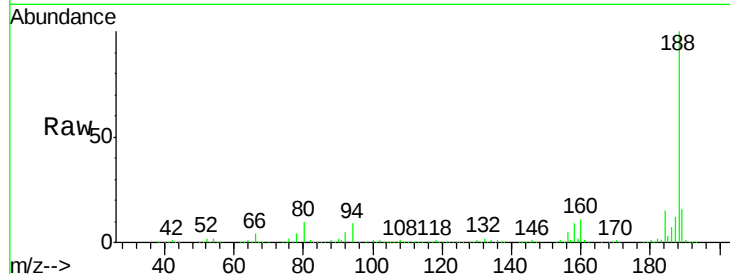




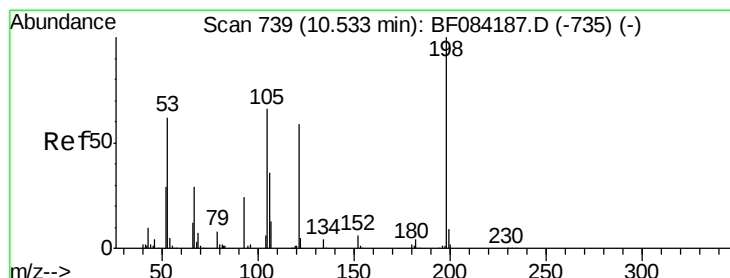
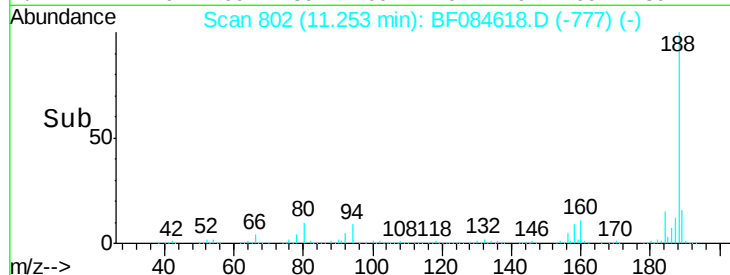
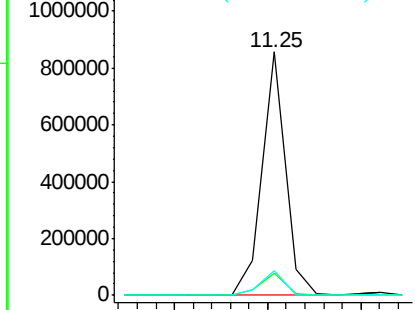
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084618.D
Acq: 27 Jan 2016 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 740962
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 10.0 9.6 14.4

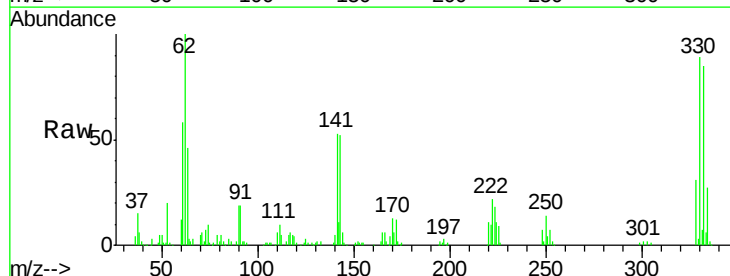


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

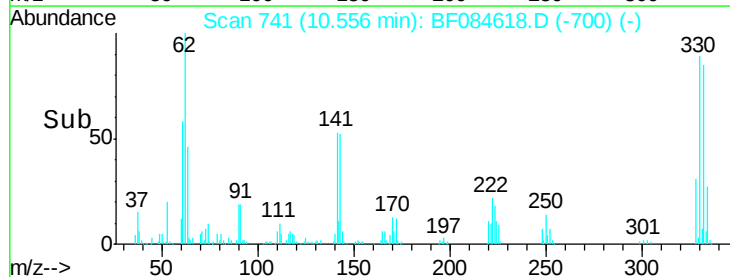
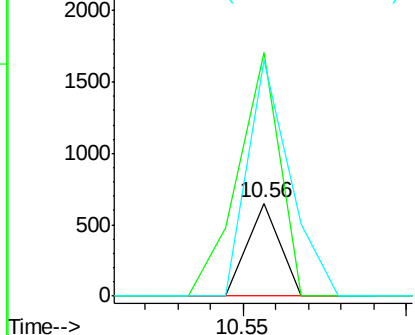


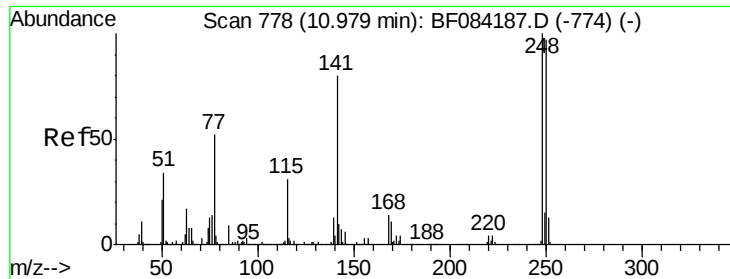
#64
4,6-Dinitro-2-methylphenol
Concen: 6.50 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.17 min
Lab File: BF084618.D
Acq: 27 Jan 2016 13:47

Tgt Ion:198 Resp: 447
Ion Ratio Lower Upper
198 100
51 261.7 18.9 58.9#
105 253.1 26.4 66.4#



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

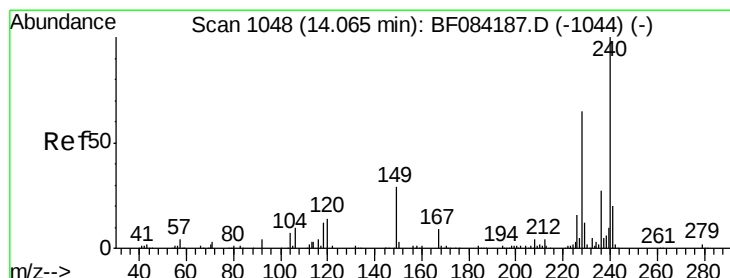
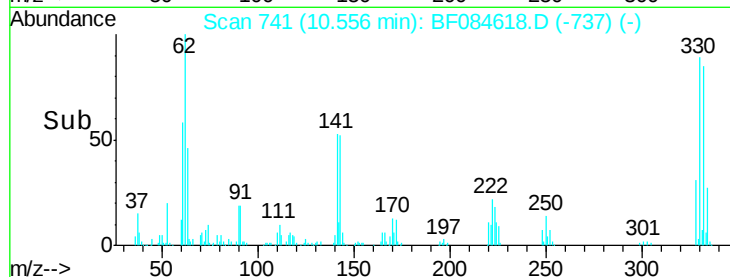
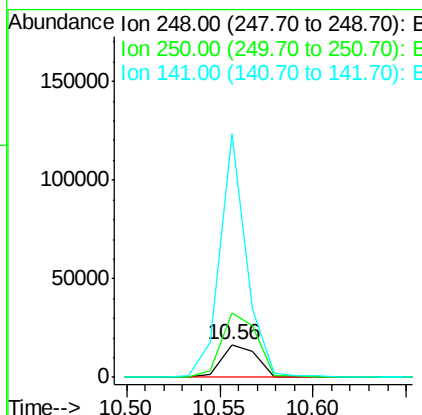
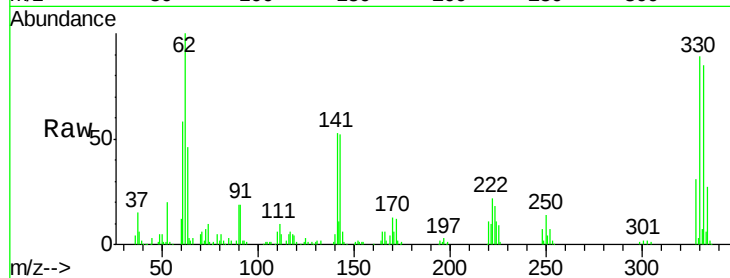




#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF084618.D
Acq: 27 Jan 2016 13:47

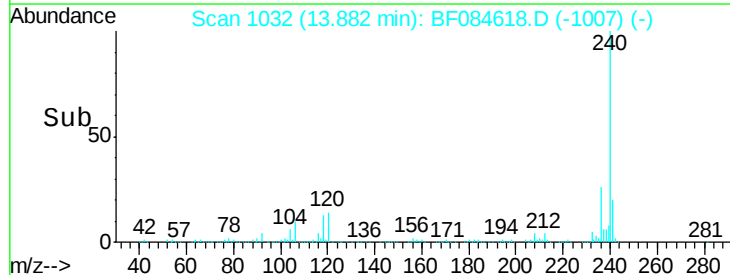
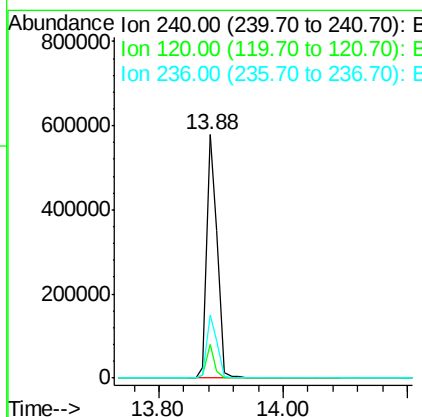
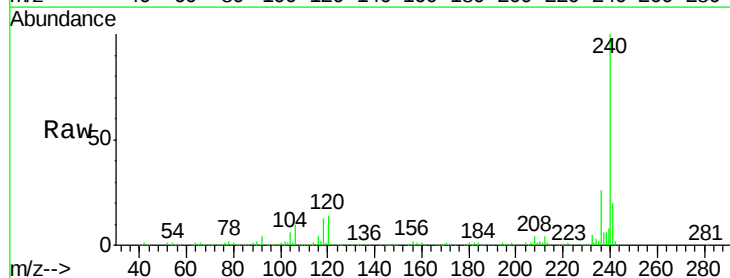
Instrument :
BNA_F
ClientSampleId :

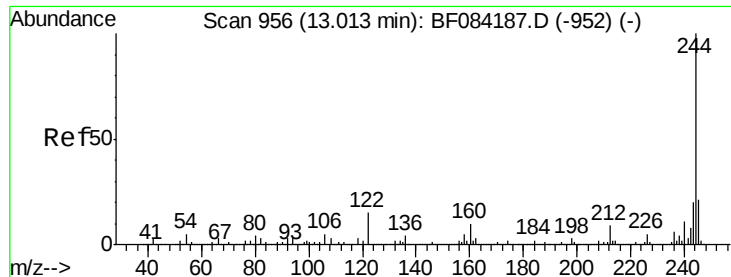
Tot Ion:248 Resp: 22210
Ion Ratio Lower Upper
248 100
250 195.8 78.4 117.6#
141 744.6 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084618.D
Acq: 27 Jan 2016 13:47

Tgt Ion:240 Resp: 676990
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.8 20.6 31.0

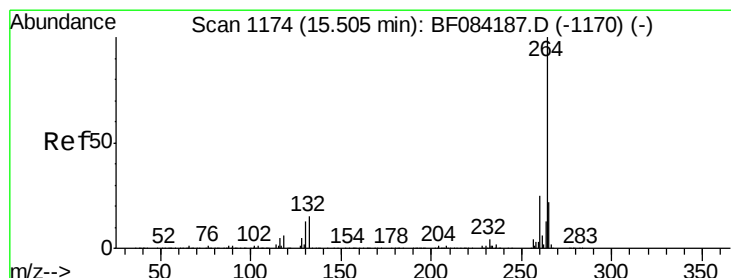
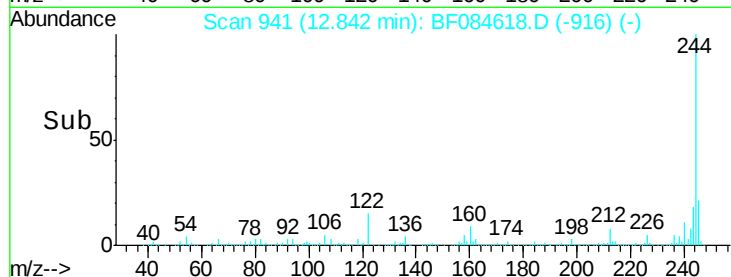
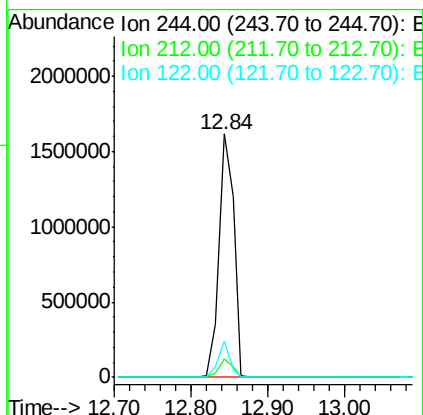
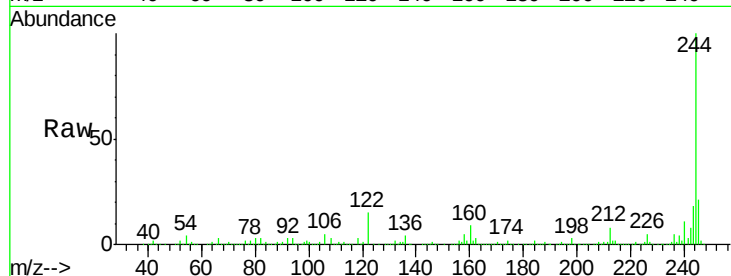




#78
 Terphenyl-d14
 Concen: 72.69 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084618.D
 Acq: 27 Jan 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2204524
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 15.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084618.D
 Acq: 27 Jan 2016 13:47

Tgt Ion:264 Resp: 529150
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.9 17.8 26.6

