

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084639.D
 Acq On : 29 Jan 2016 16:41
 Operator : SJ/IZ
 Sample : H1257-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12-12.5)

Quant Time: Jan 29 23:06:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

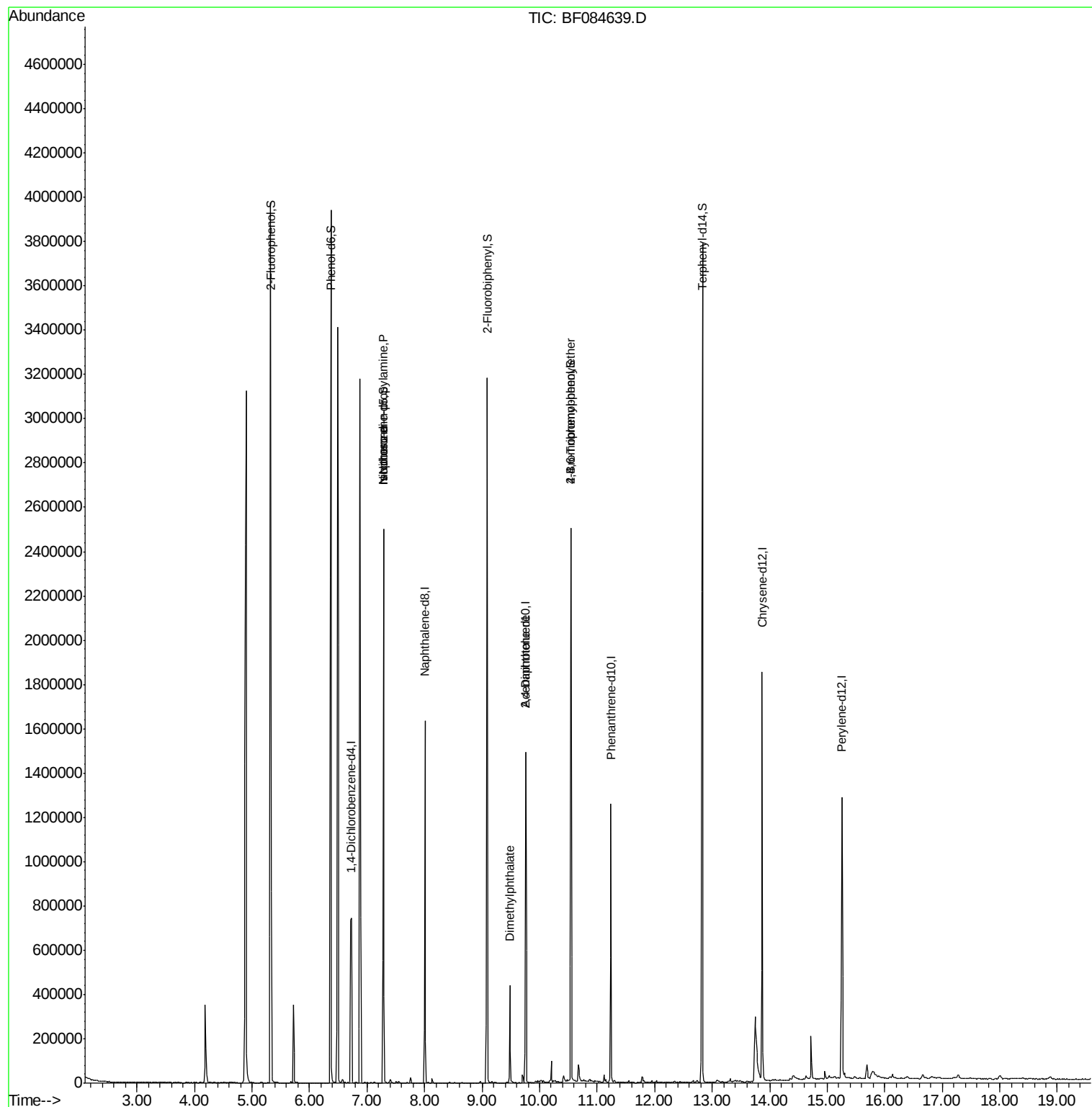
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	164405	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	698170	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	320166	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	513534	20.00	ng	0.00
75) Chrysene-d12	13.87	240	635786	20.00	ng	0.00
86) Perylene-d12	15.25	264	551481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1050989	96.50	ng	0.01
7) Phenol-d6	6.37	99	1529423	117.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	792278	63.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	290971	86.71	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1449320	67.29	ng	0.00
78) Terphenyl-d14	12.83	244	1429610	50.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	110136	13.81	ng	# 72
25) Isophorone	7.29	82	664579	28.39	ng	# 66
49) Dimethylphthalate	9.48	163	184666	7.68	ng	# 89
56) 2,4-Dinitrotoluene	9.76	165	41817	6.09	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	18326	3.17	ng	# 1

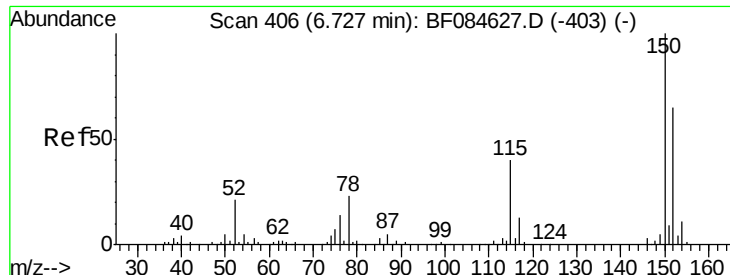
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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SUP-B016(12-12.5)

Quant Time: Jan 29 23:06:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12-12.5)

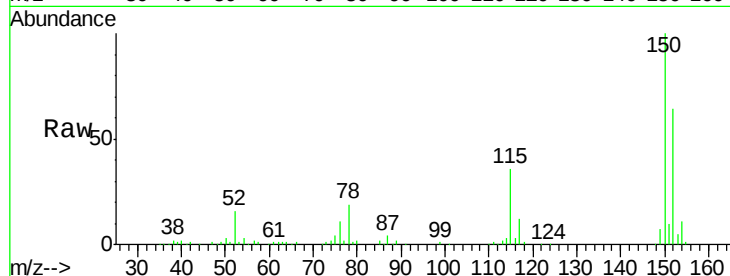
Tgt Ion:152 Resp: 164405

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

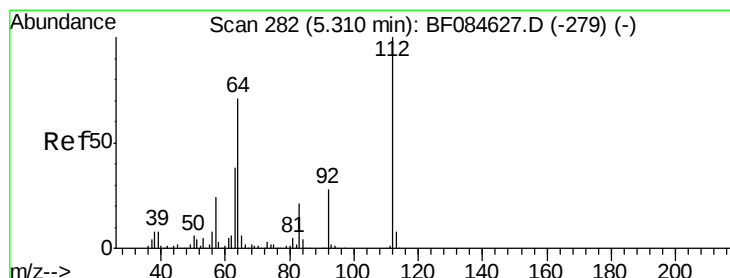
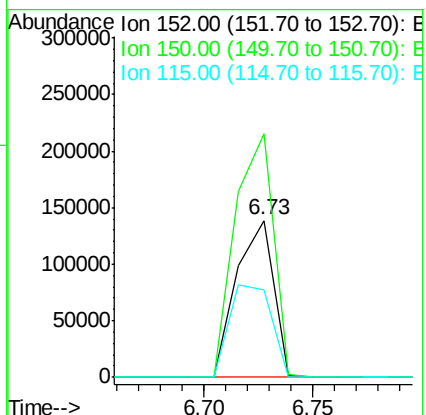
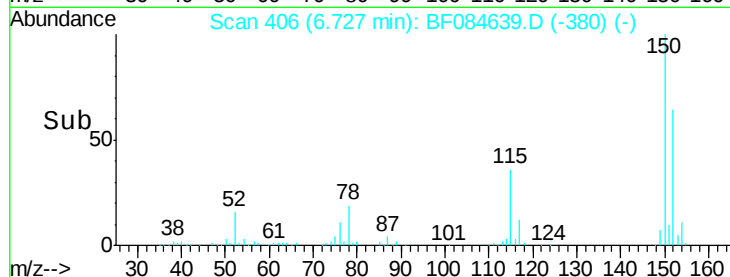
115 55.6 51.4 77.2



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: 96.50 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

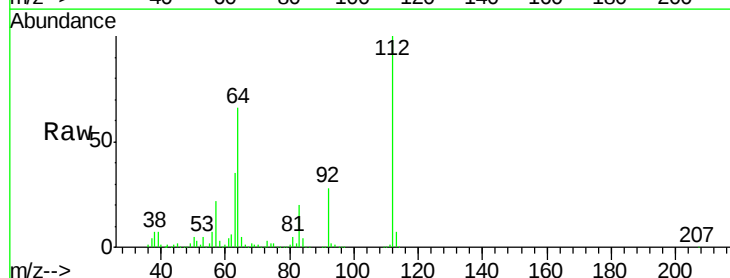
Tgt Ion:112 Resp: 1050989

Ion Ratio Lower Upper

112 100

64 66.4 36.6 55.0#

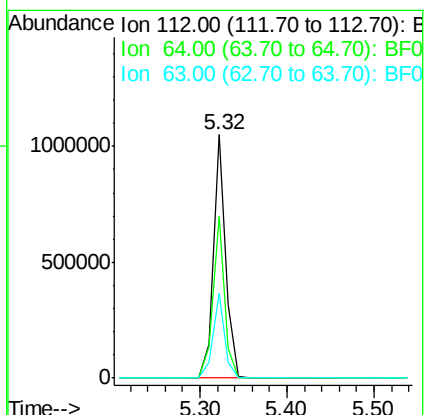
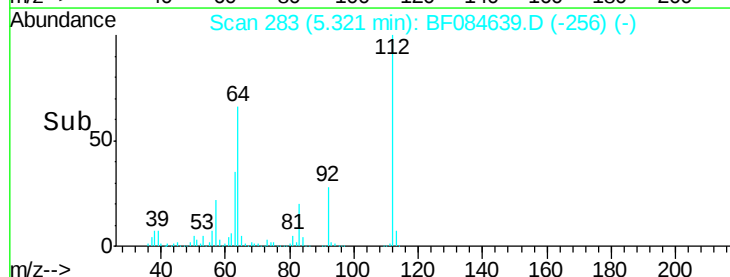
63 34.9 19.4 29.0#

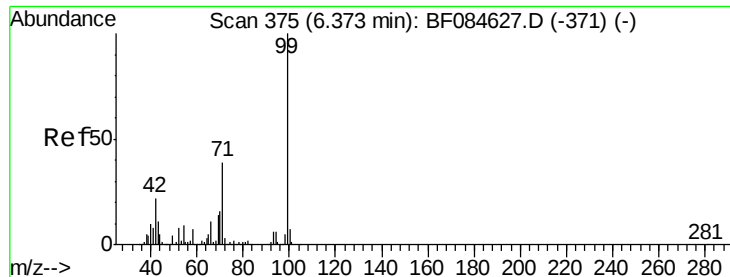


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.16 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12-12.5)

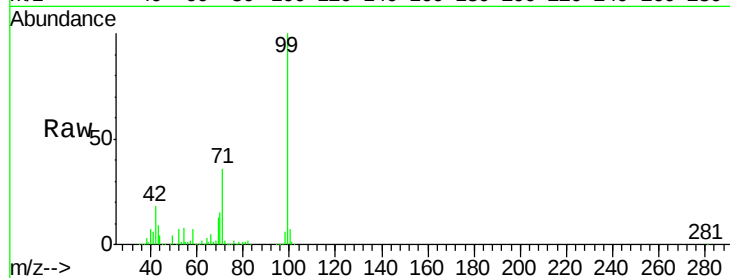
Tgt Ion: 99 Resp: 1529423

Ion Ratio Lower Upper

99 100

42 18.1 12.8 19.2

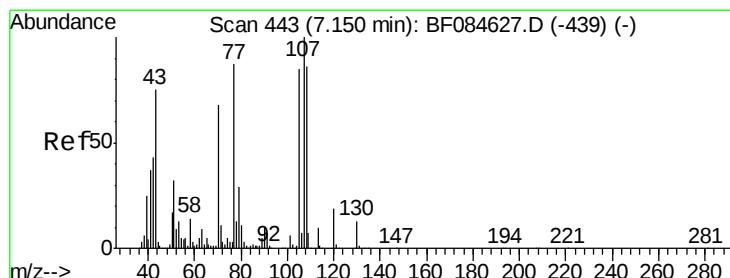
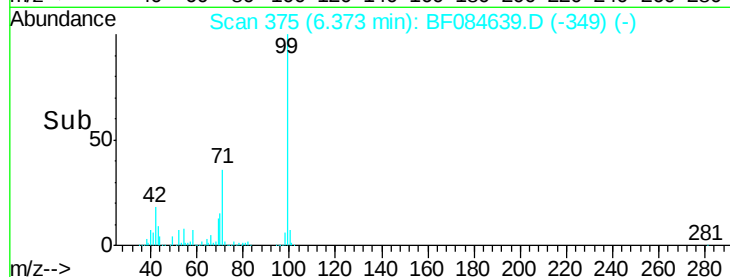
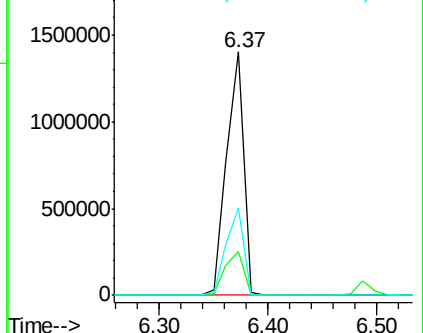
71 36.1 30.9 46.3



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: 13.81 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

Tgt Ion: 70 Resp: 110136

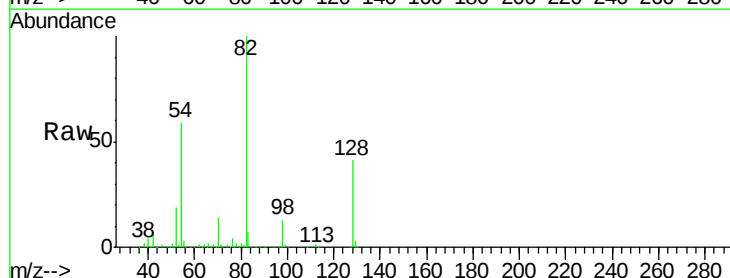
Ion Ratio Lower Upper

70 100

42 48.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

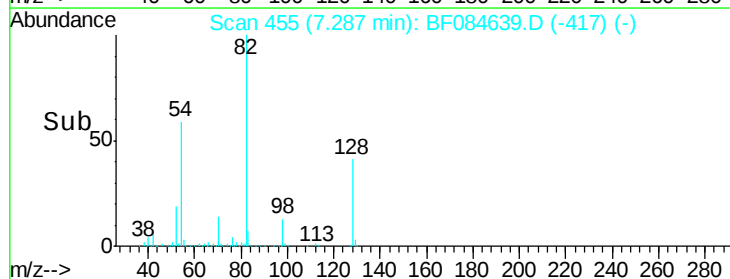
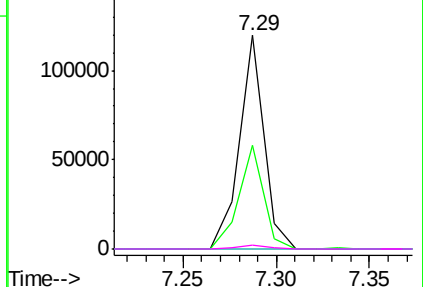


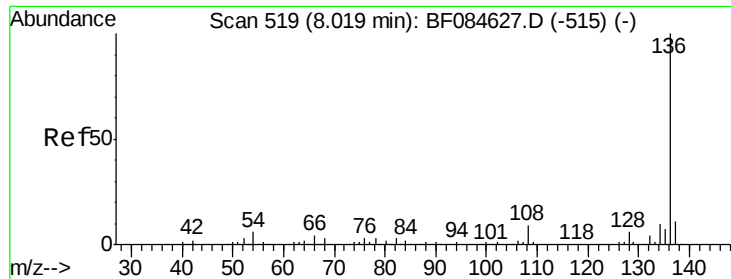
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

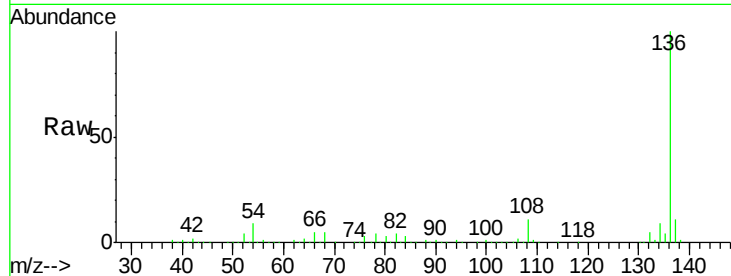




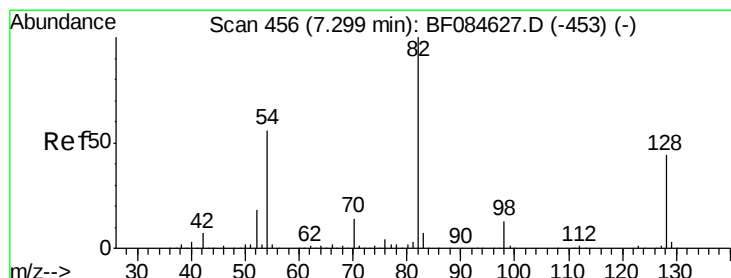
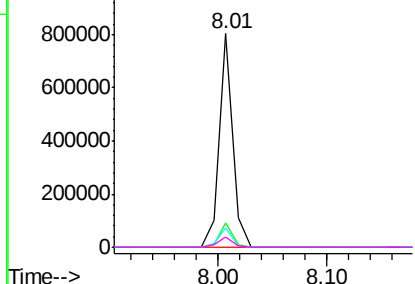
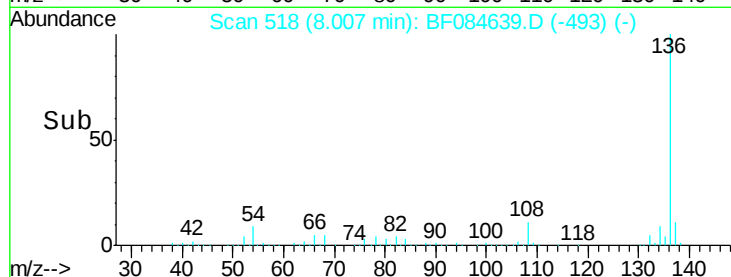
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084639.D
Acq: 29 Jan 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12-12.5)

Tgt Ion:	136	Resp:	698170
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.2	5.8	8.8#
68	5.1	4.2	6.2

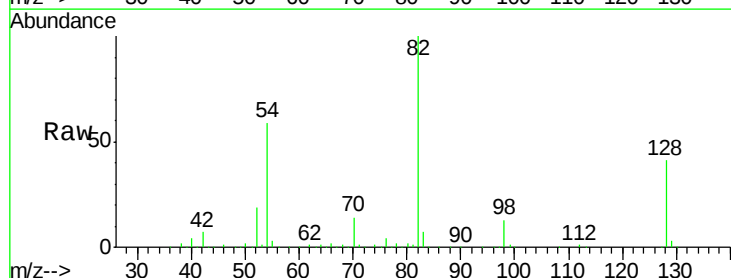


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

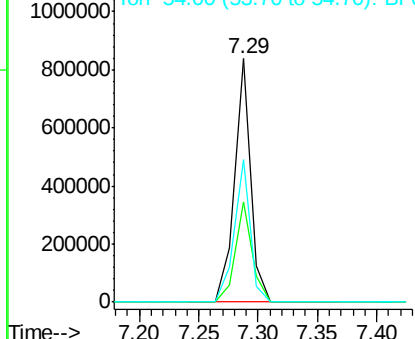
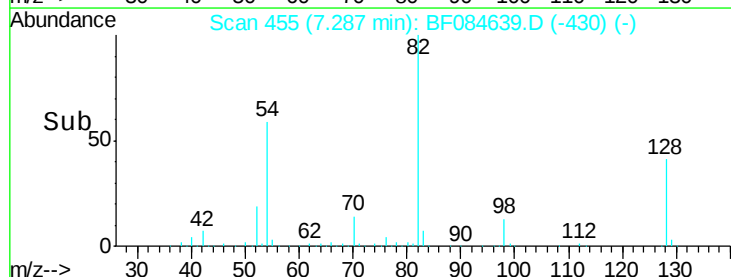


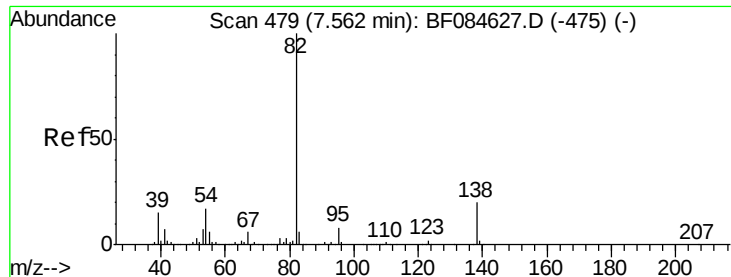
#23
Nitrobenzene-d5
Concen: 63.42 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084639.D
Acq: 29 Jan 2016 16:41

Tgt Ion:	82	Resp:	792278
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: 28.39 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12-12.5)

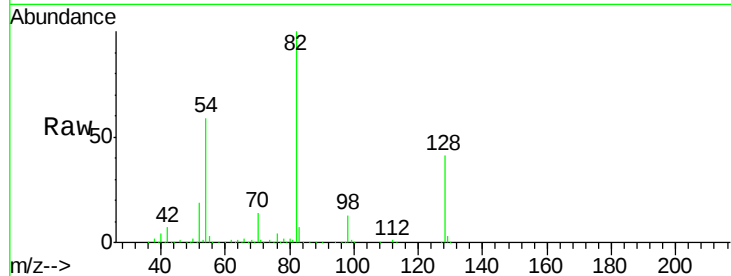
Tgt Ion: 82 Resp: 664579

Ion Ratio Lower Upper

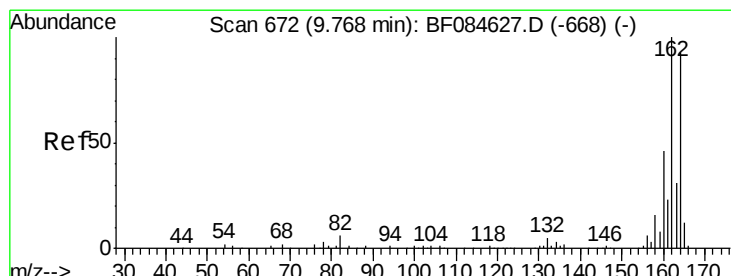
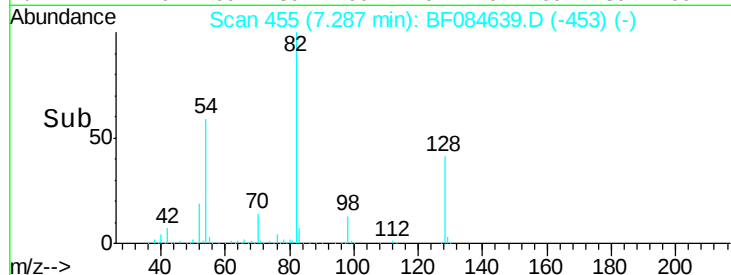
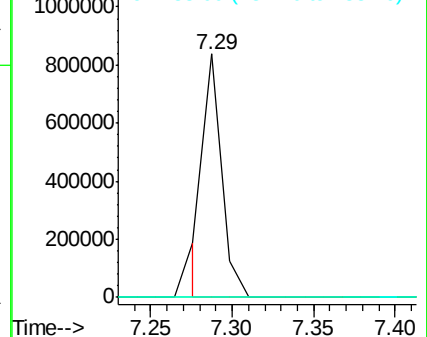
82 100

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: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

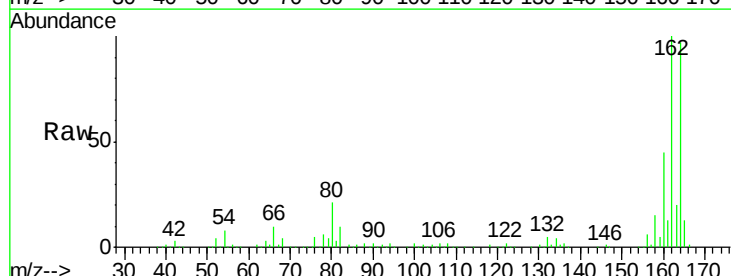
Tgt Ion: 164 Resp: 320166

Ion Ratio Lower Upper

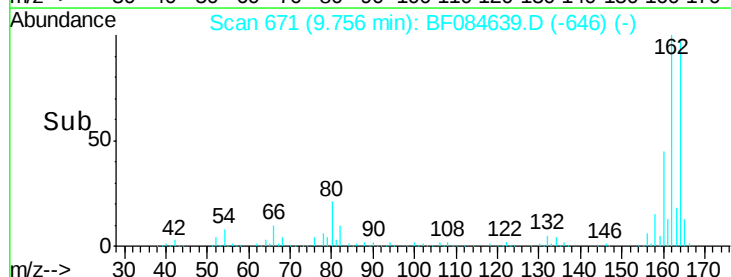
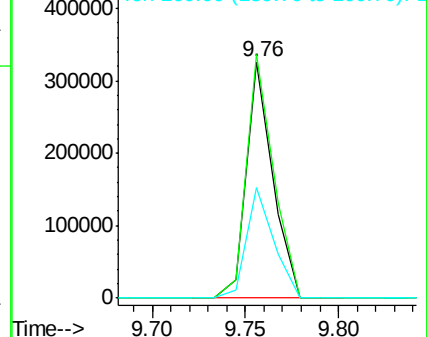
164 100

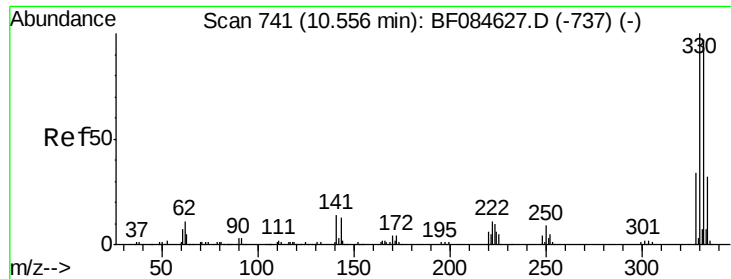
162 103.0 85.1 127.7

160 46.7 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

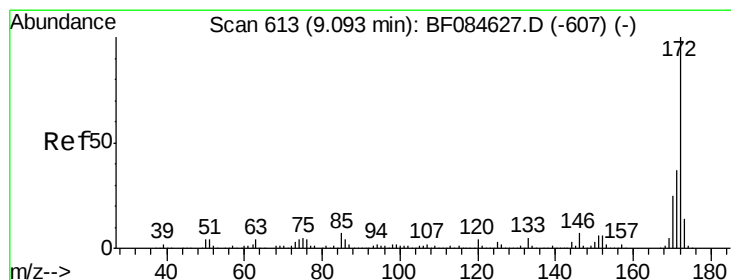
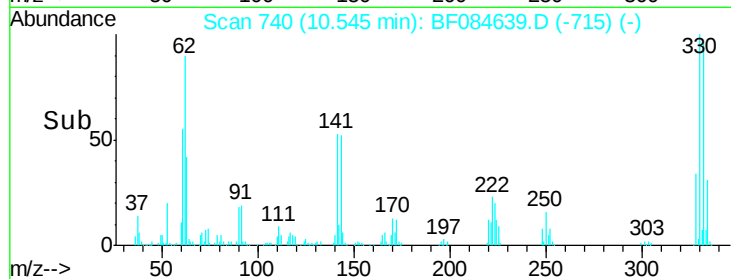
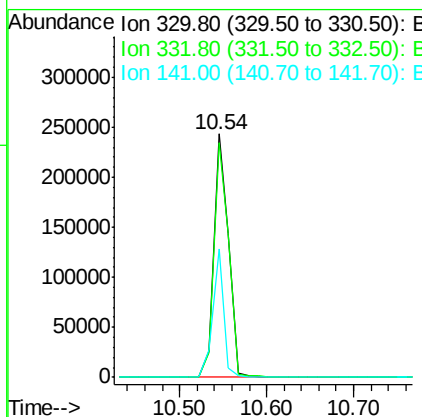
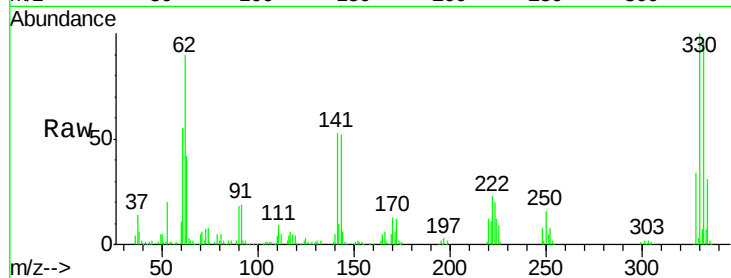




#41
 2,4,6-Tribromophenol
 Concen: 86.71 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084639.D
 Acq: 29 Jan 2016 16:41

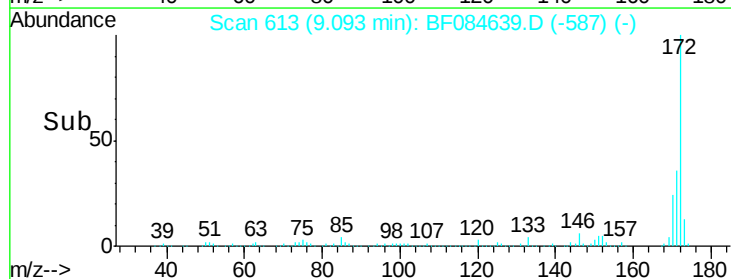
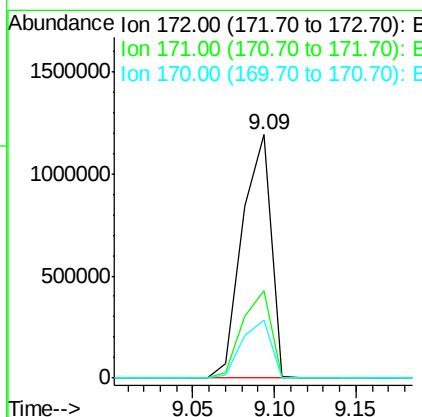
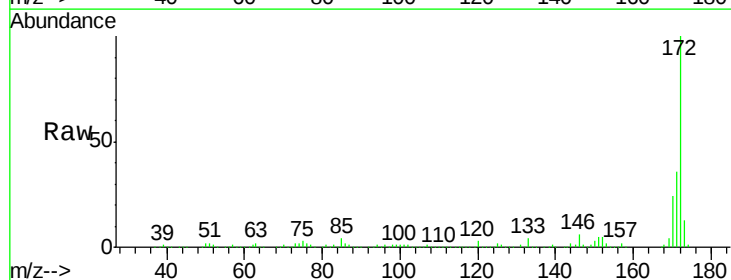
Instrument :
 BNA_F
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 SUP-B016(12-12.5)

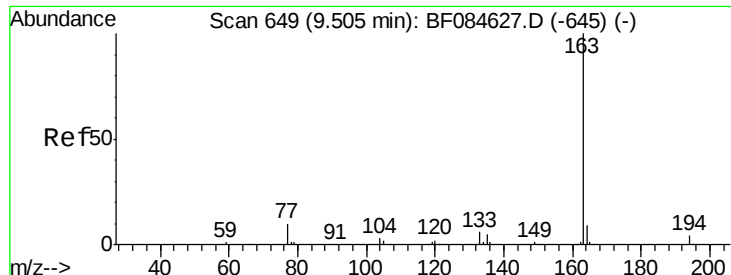
Tgt Ion:330 Resp: 290971
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 39.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 67.29 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084639.D
 Acq: 29 Jan 2016 16:41

Tgt Ion:172 Resp: 1449320
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.0 18.6 27.8

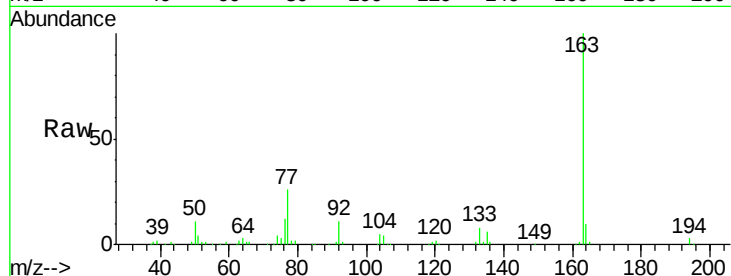




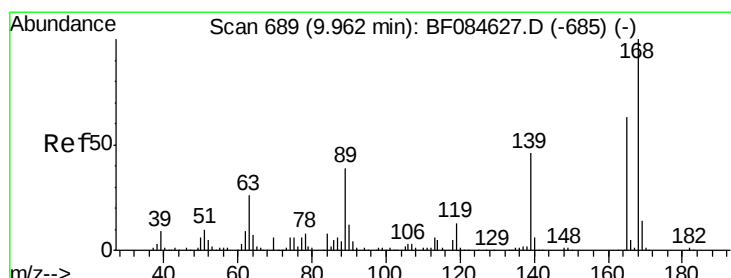
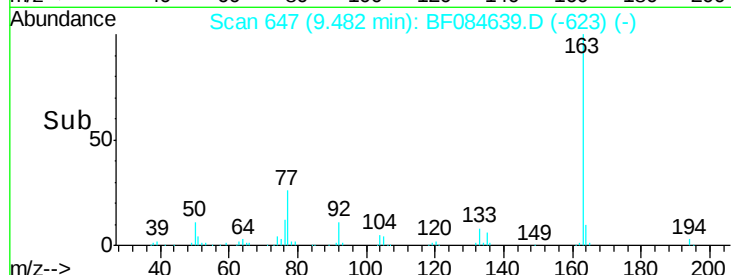
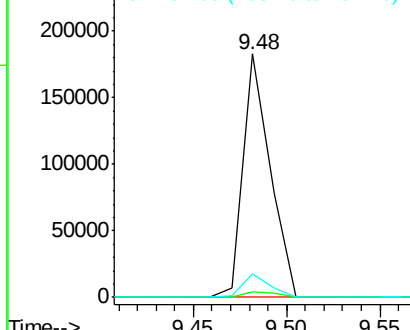
#49
Dimethylphthalate
Concen: 7.68 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084639.D
Acq: 29 Jan 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12-12.5)

Tgt Ion:163 Resp: 184666
Ion Ratio Lower Upper
163 100
194 2.5 8.0 12.0#
164 9.6 8.0 12.0

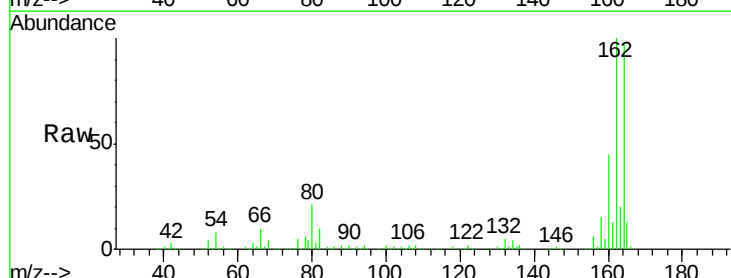


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

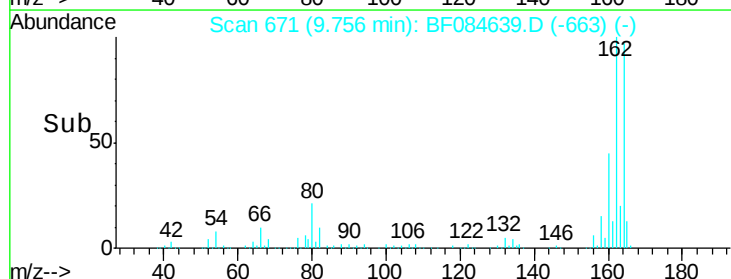
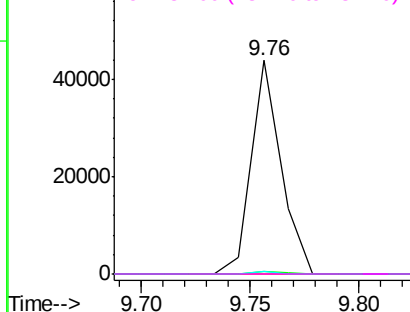


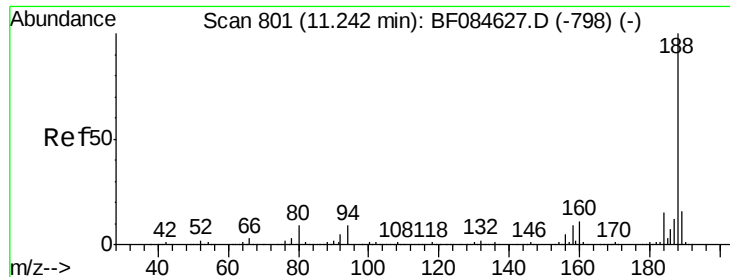
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084639.D
Acq: 29 Jan 2016 16:41

Tgt Ion:165 Resp: 41817
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.5 61.9 92.9#
182 0.0 2.0 3.0#



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

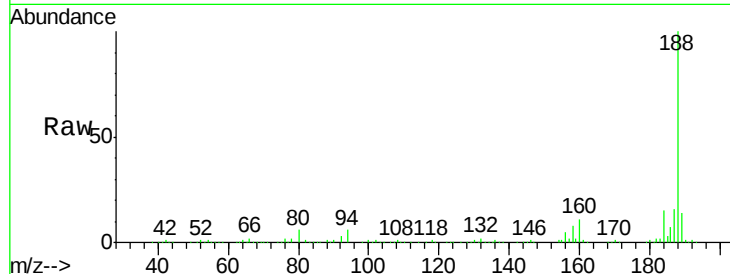




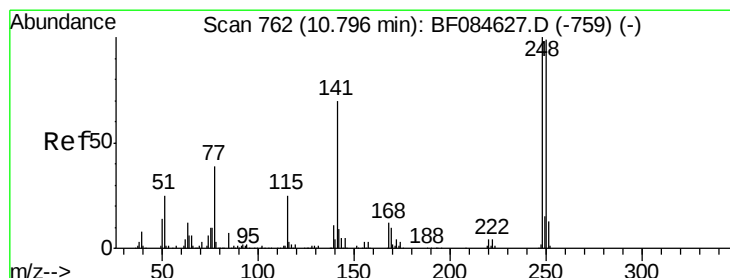
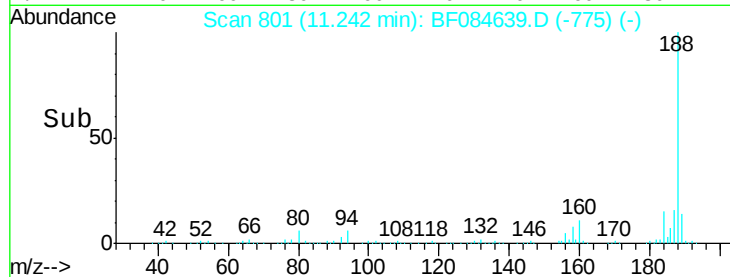
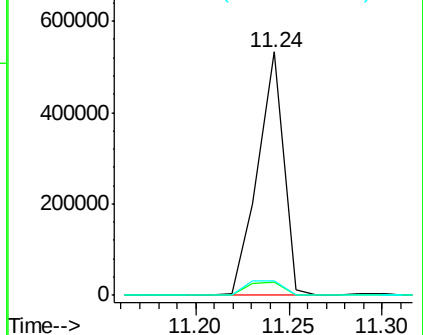
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084639.D
 Acq: 29 Jan 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12-12.5)

Tgt Ion:188 Resp: 513534
 Ion Ratio Lower Upper
 188 100
 94 5.7 9.0 13.4#
 80 5.9 9.6 14.4#

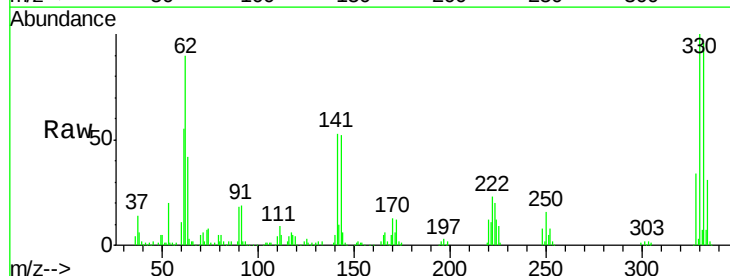


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

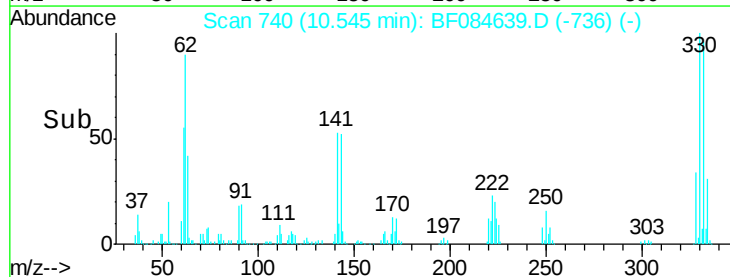
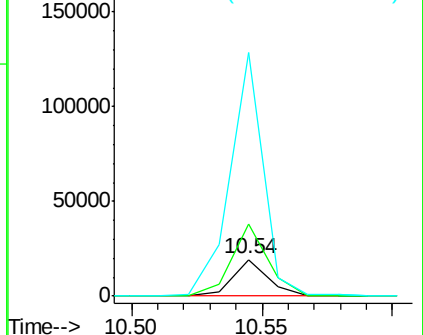


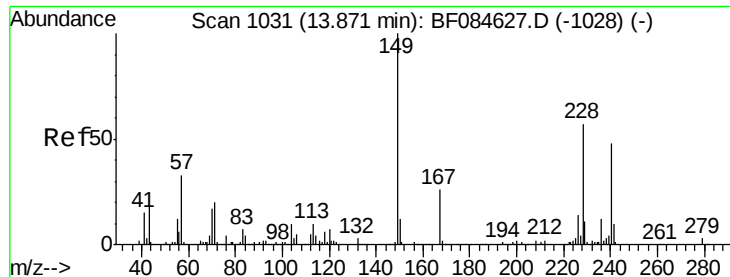
#66
 4-Bromophenyl-phenylether
 Concen: 3.17 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084639.D
 Acq: 29 Jan 2016 16:41

Tgt Ion:248 Resp: 18326
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.4 117.6#
 141 662.5 44.0 66.0#



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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12-12.5)

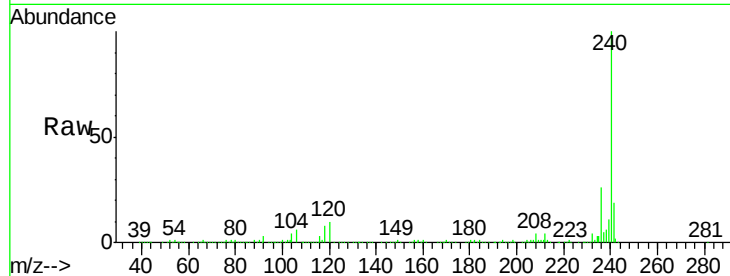
Tgt Ion:240 Resp: 635786

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

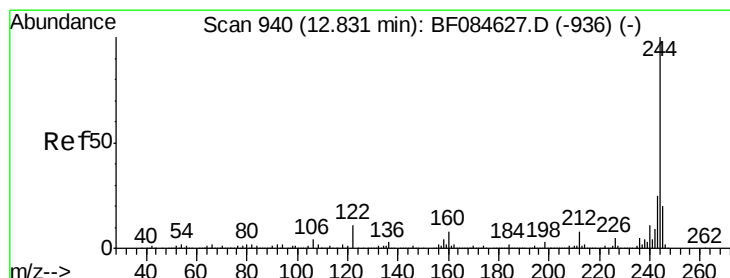
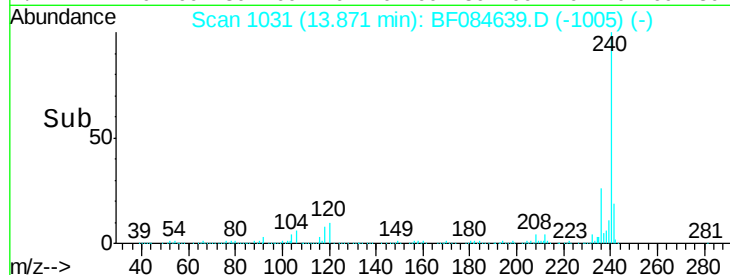
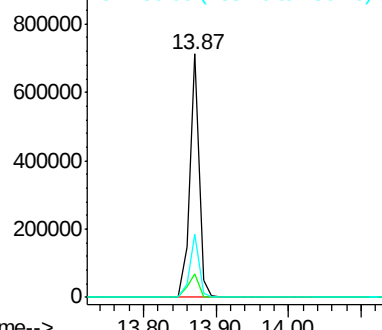
236 25.7 20.6 31.0



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: 50.78 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084639.D

Acq: 29 Jan 2016 16:41

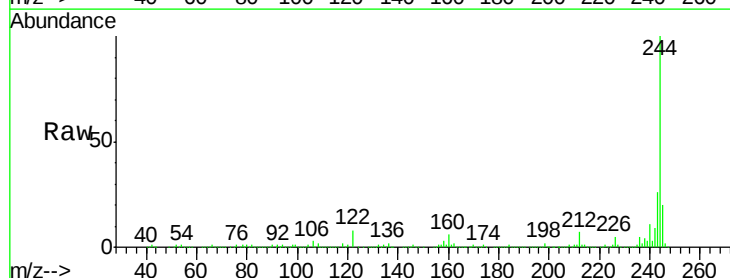
Tgt Ion:244 Resp: 1429610

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

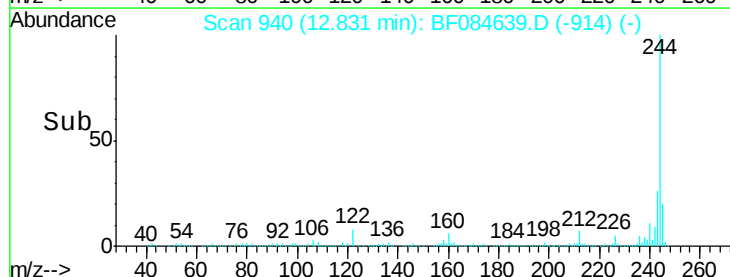
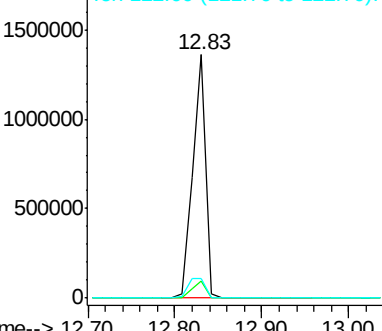
122 7.9 7.4 11.0

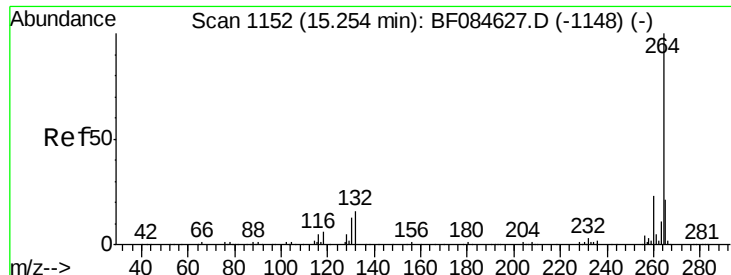


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



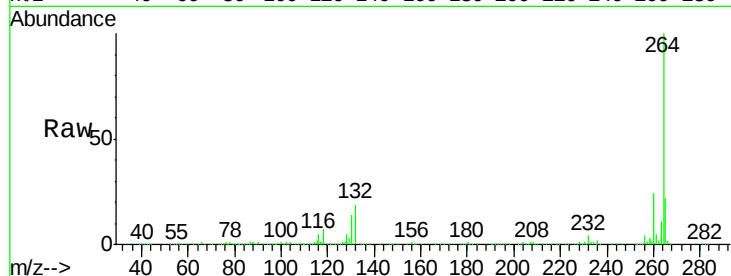


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084639.D
Acq: 29 Jan 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12-12.5)

Tgt Ion: 264 Resp: 551481

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.9	17.8	26.6



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

