

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084637.D
 Acq On : 29 Jan 2016 15:45
 Operator : SJ/IZ
 Sample : H1242-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW1

Quant Time: Jan 29 23:05:55 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

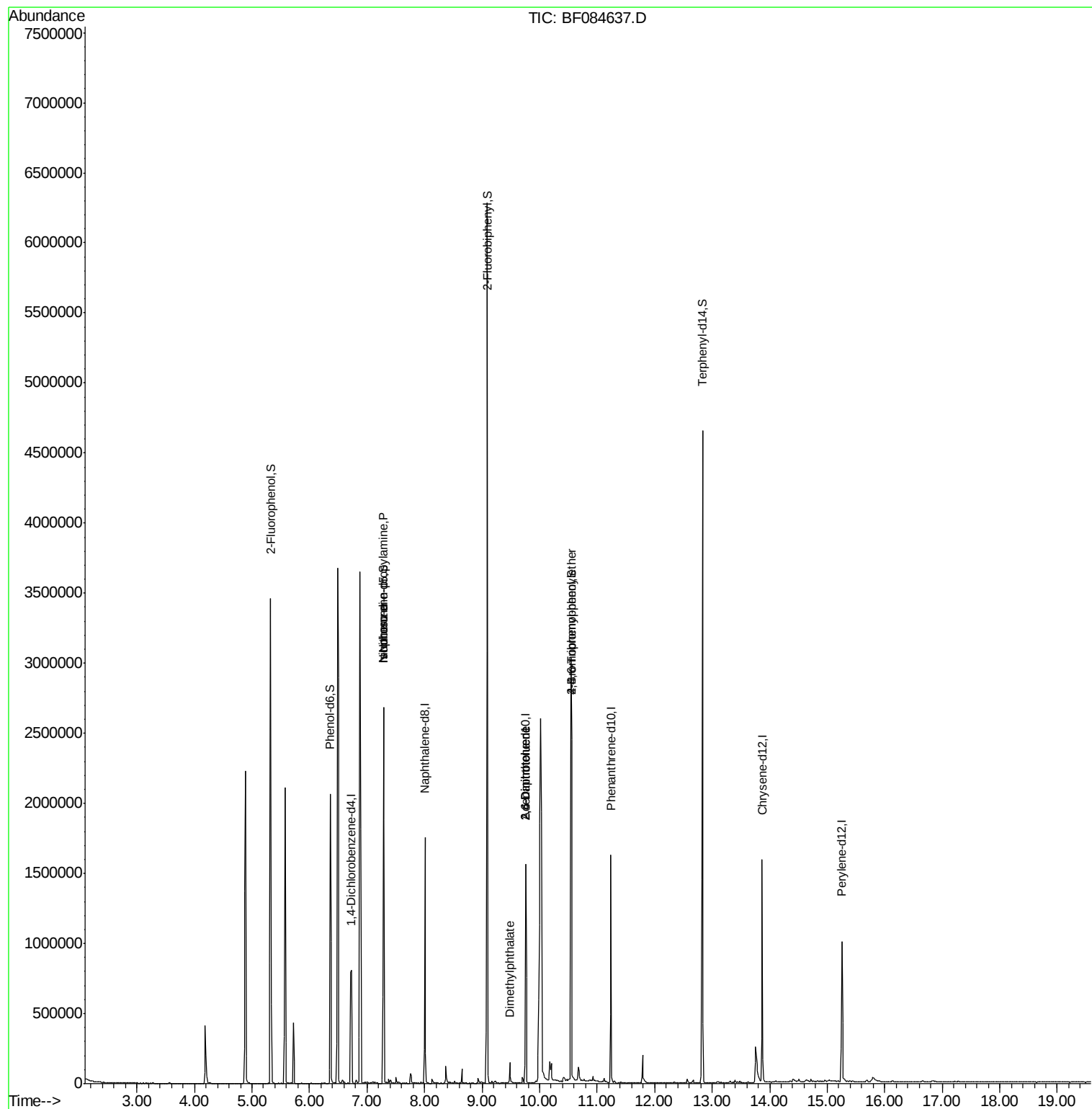
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179190	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	739347	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	341776	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	588316	20.00	ng	0.00
75) Chrysene-d12	13.87	240	516736	20.00	ng	0.00
86) Perylene-d12	15.25	264	445929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	947192	79.79	ng	0.01
7) Phenol-d6	6.36	99	782234	54.98	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1184389	89.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	575531	160.67	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2153689	93.66	ng	0.00
78) Terphenyl-d14	12.83	244	1408405	61.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	157468	18.12	ng	# 70
25) Isophorone	7.29	82	1051906	42.44	ng	# 66
49) Dimethylphthalate	9.48	163	57731	2.25	ng	# 89
50) 2,6-Dinitrotoluene	9.76	165	44248	7.84	ng	# 38
56) 2,4-Dinitrotoluene	9.76	165	44248	6.03	ng	# 21
66) 4-Bromophenyl-phenylether	10.56	248	33820	5.10	ng	# 1

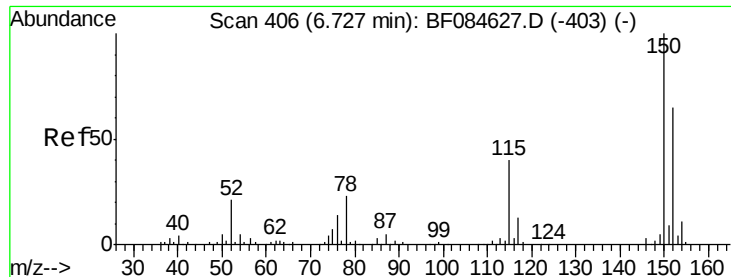
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084637.D
Acq On : 29 Jan 2016 15:45
Operator : SJ/IZ
Sample : H1242-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW1

Quant Time: Jan 29 23:05:55 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: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

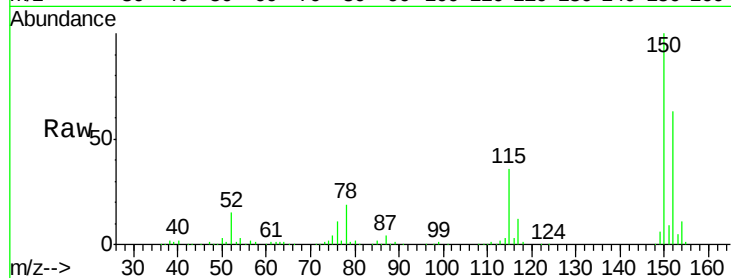
Tgt Ion:152 Resp: 179190

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

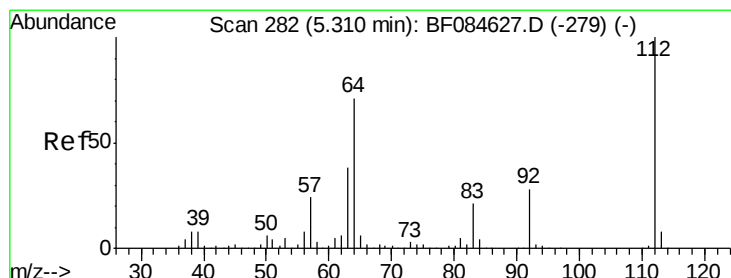
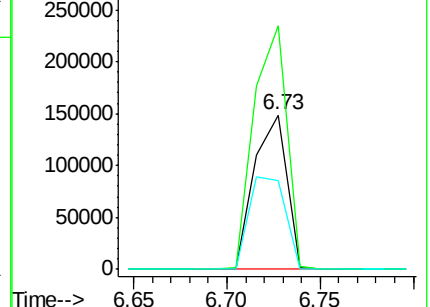
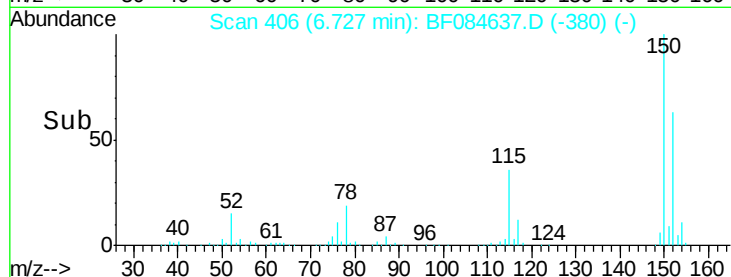
115 57.1 51.4 77.2



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: 79.79 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

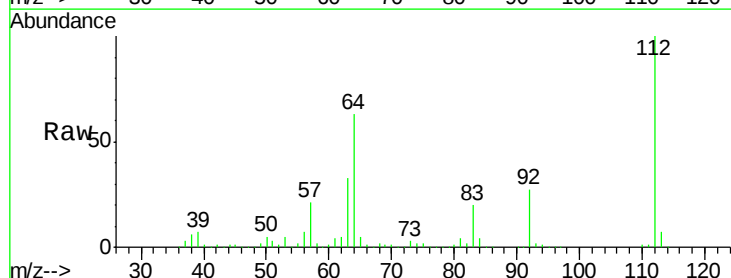
Tgt Ion:112 Resp: 947192

Ion Ratio Lower Upper

112 100

64 63.4 36.6 55.0#

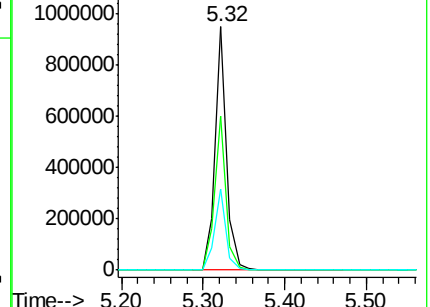
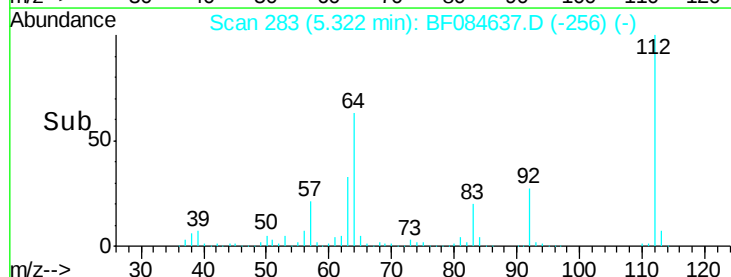
63 33.4 19.4 29.0#

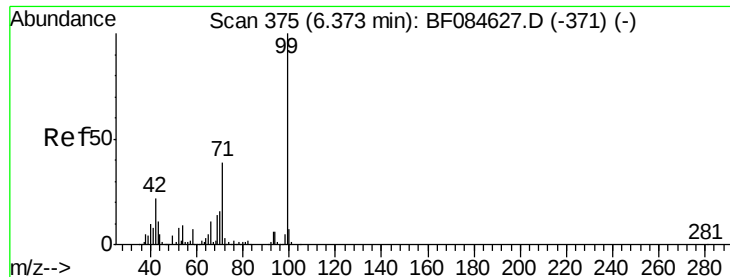


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.98 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

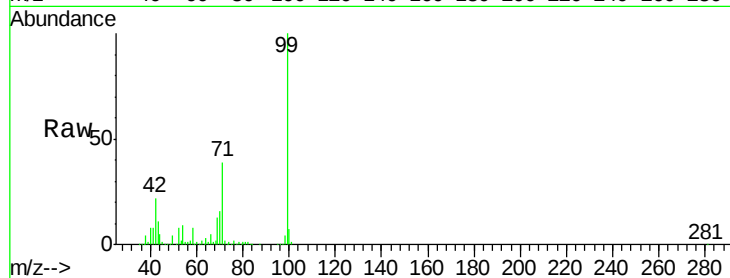
Tgt Ion: 99 Resp: 782234

Ion Ratio Lower Upper

99 100

42 22.5 12.8 19.2#

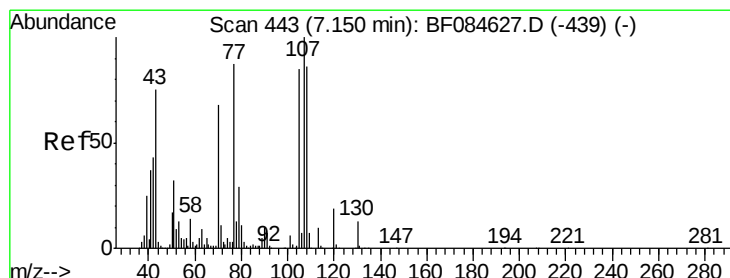
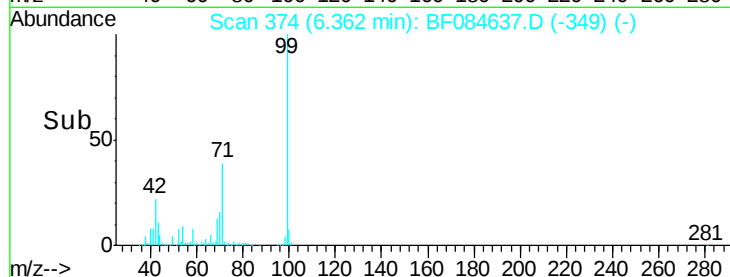
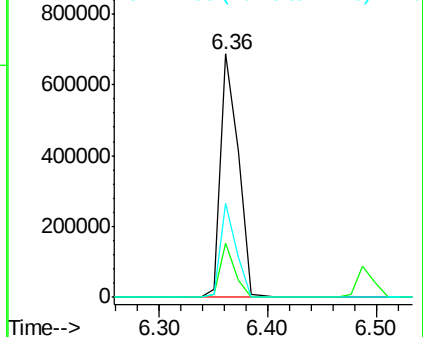
71 38.7 30.9 46.3



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: 18.12 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Tgt Ion: 70 Resp: 157468

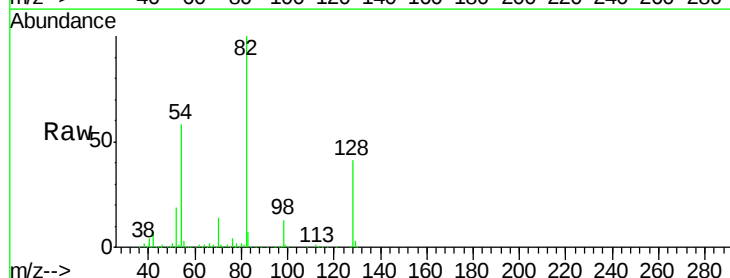
Ion Ratio Lower Upper

70 100

42 51.6 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

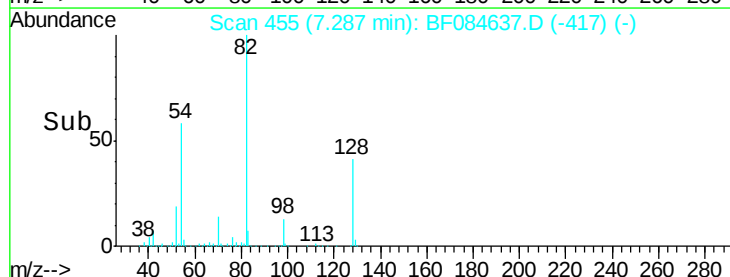
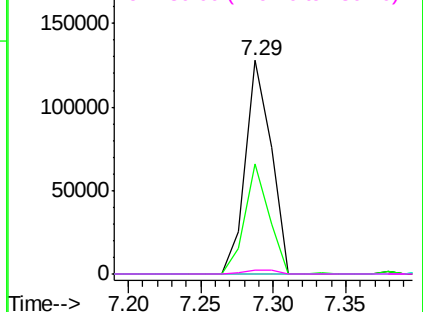


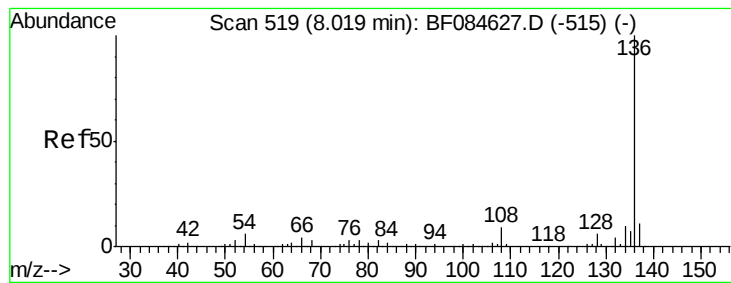
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

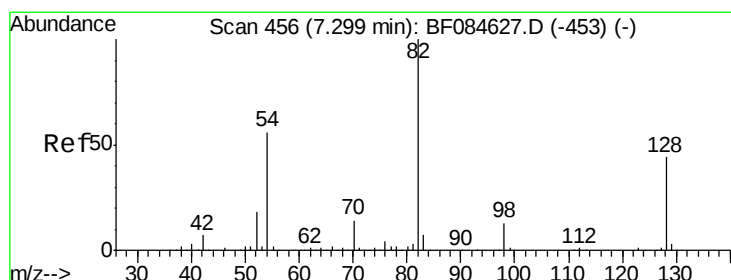
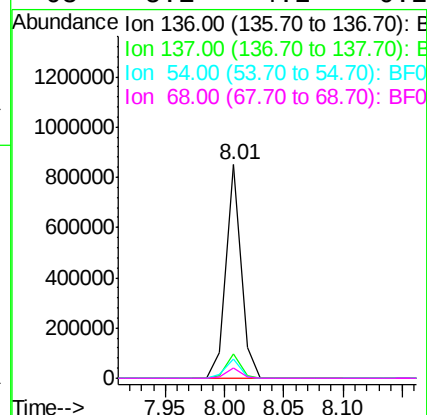
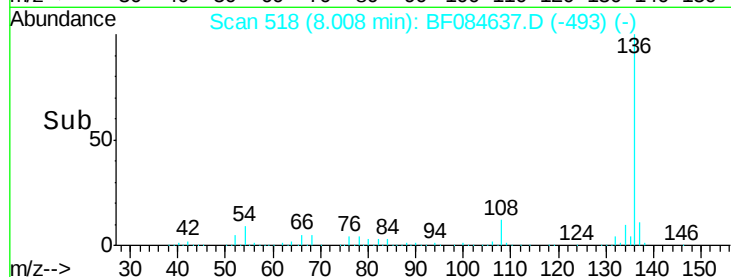
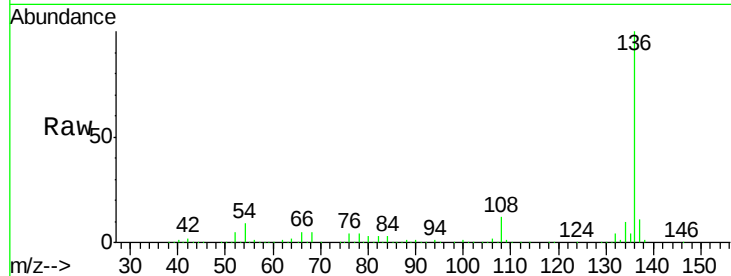




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084637.D
Acq: 29 Jan 2016 15:45

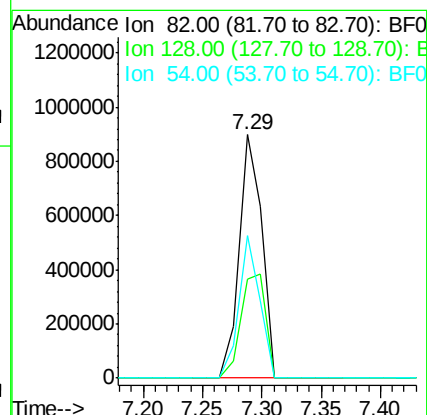
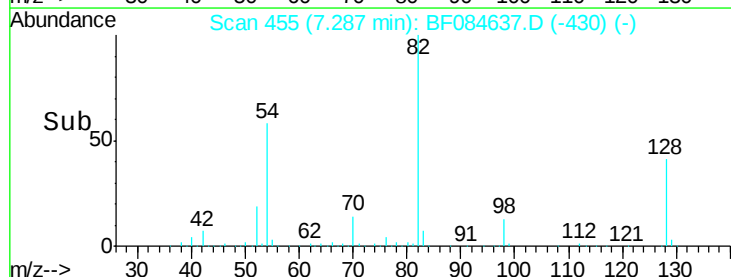
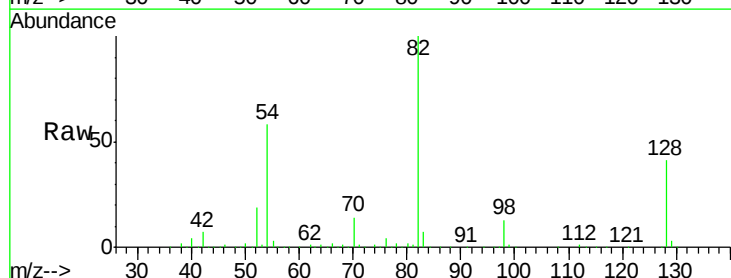
Instrument :
BNA_F
ClientSampleId :
TW1

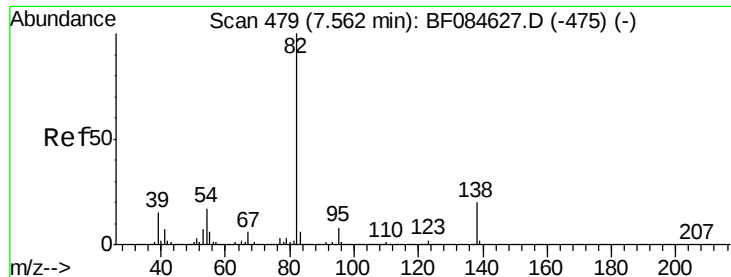
Tgt Ion:	136	Resp:	739347
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.0	5.8	8.8#
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 89.53 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084637.D
Acq: 29 Jan 2016 15:45

Tgt Ion:	82	Resp:	1184389
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	51.8
54	58.5	38.4	57.6#





#25

Isophorone

Concen: 42.44 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

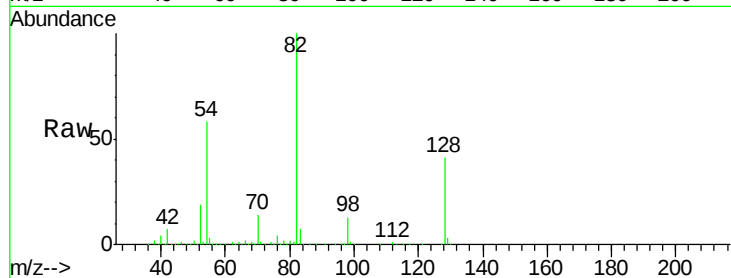
Tgt Ion: 82 Resp: 1051906

Ion Ratio Lower Upper

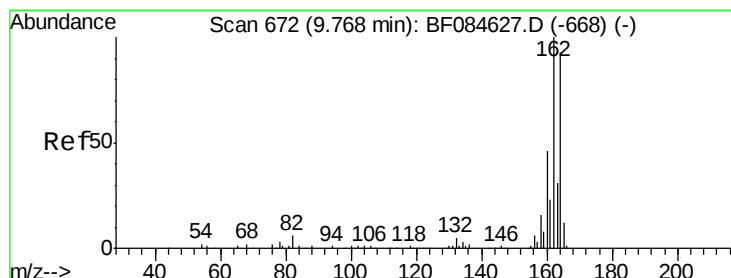
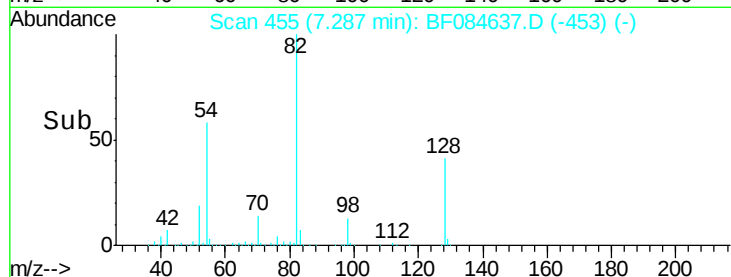
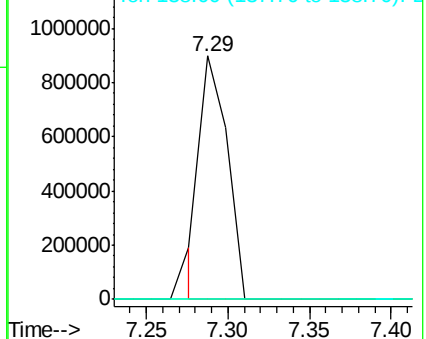
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

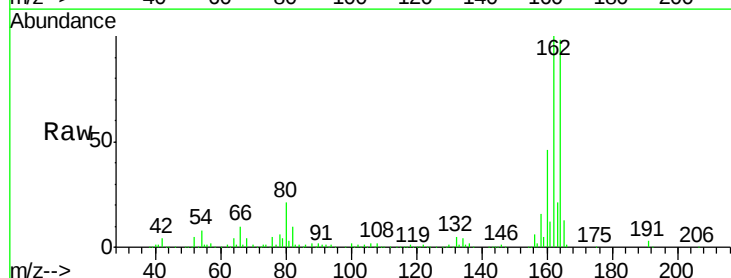
Tgt Ion: 164 Resp: 341776

Ion Ratio Lower Upper

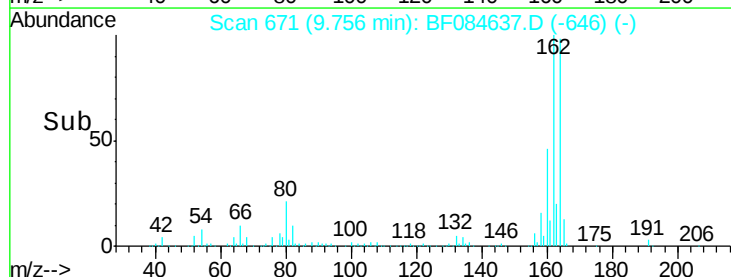
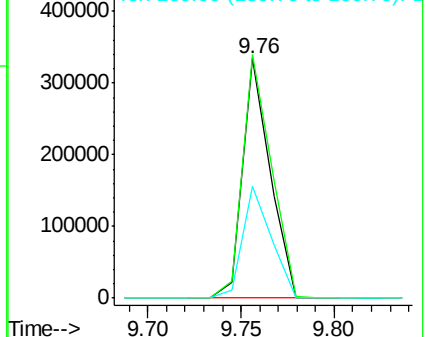
164 100

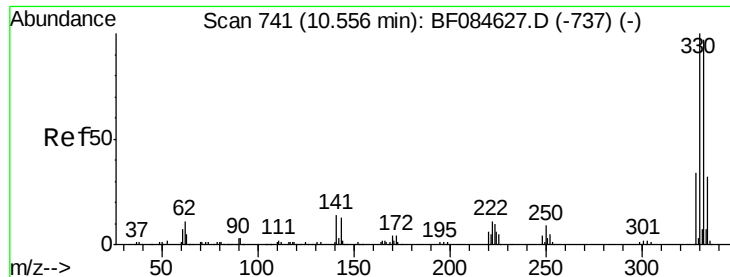
162 101.8 85.1 127.7

160 46.6 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

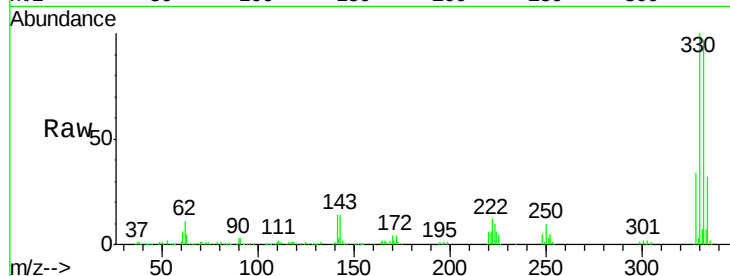




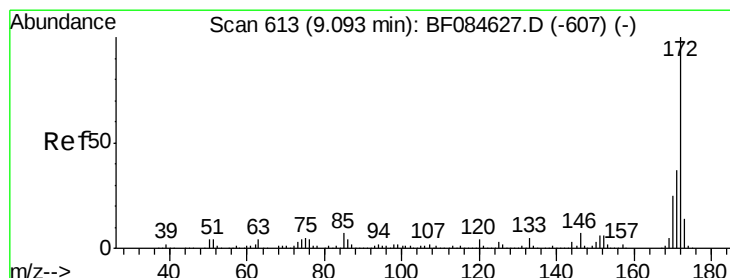
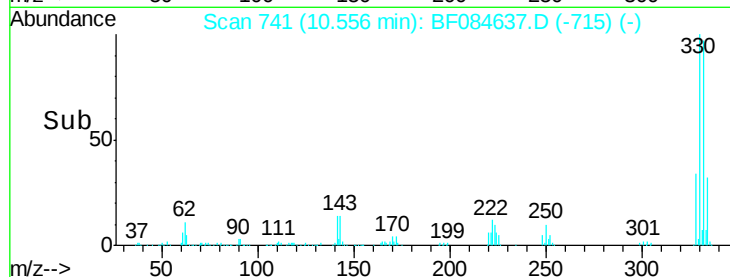
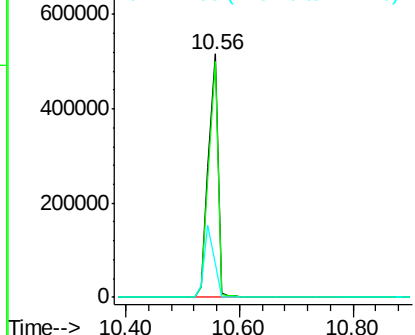
#41
 2,4,6-Tribromophenol
 Concen: 160.67 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084637.D
 Acq: 29 Jan 2016 15:45

Instrument :
 BNA_F
 ClientSampleId :
 TW1

Tgt Ion:330 Resp: 575531
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 30.9 27.8 41.6

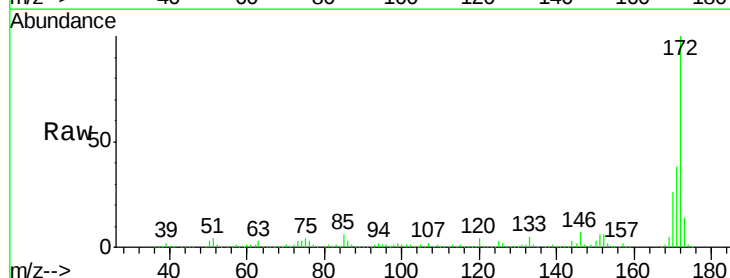


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

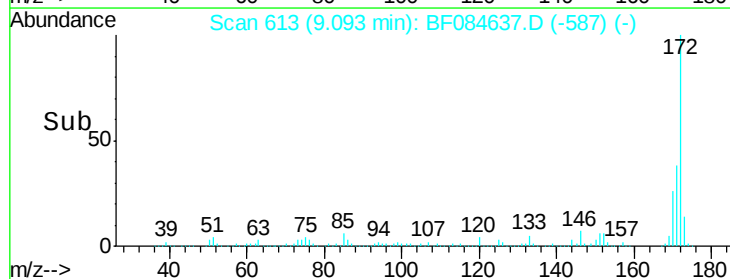
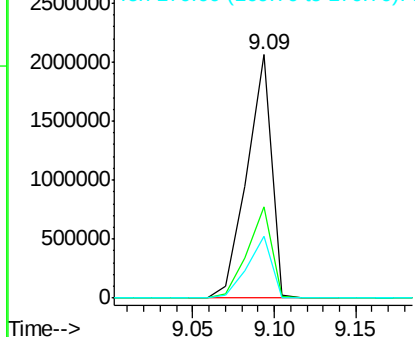


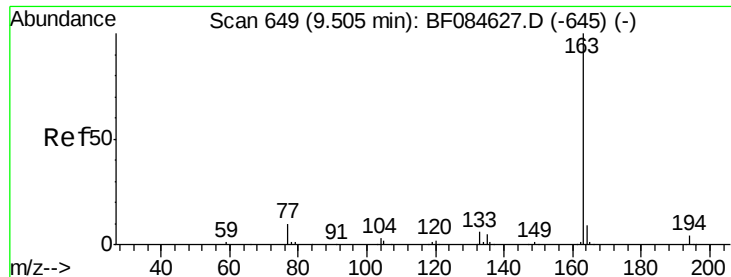
#44
 2-Fluorobiphenyl
 Concen: 93.66 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084637.D
 Acq: 29 Jan 2016 15:45

Tgt Ion:172 Resp: 2153689
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.6 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

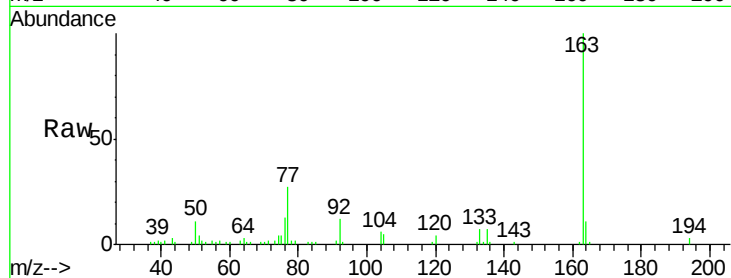




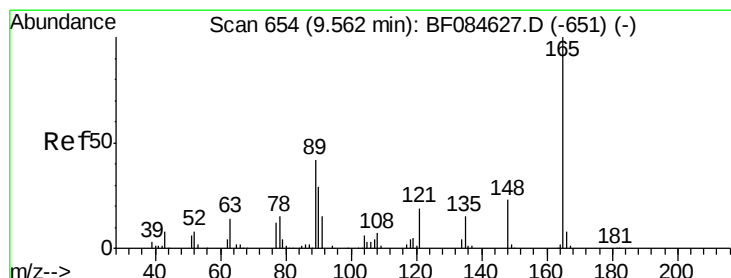
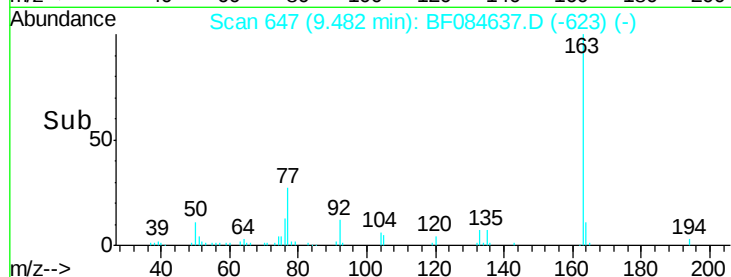
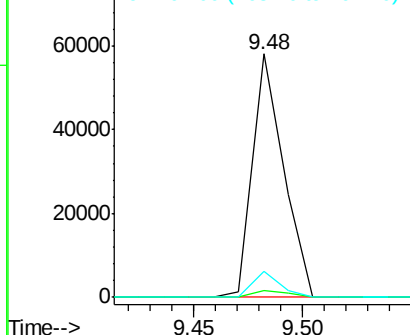
#49
Dimethylphthalate
Concen: 2.25 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084637.D
Acq: 29 Jan 2016 15:45

Instrument :
BNA_F
ClientSampleId :
TW1

Tgt Ion:163 Resp: 57731
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.8 8.0 12.0

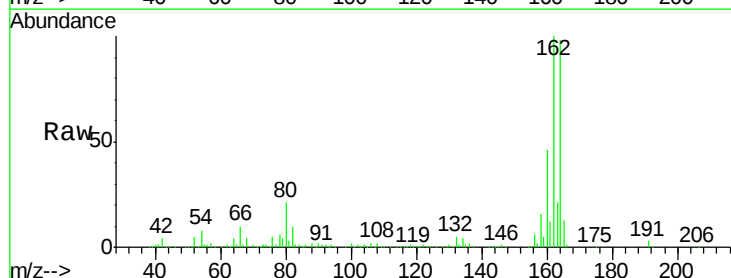


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

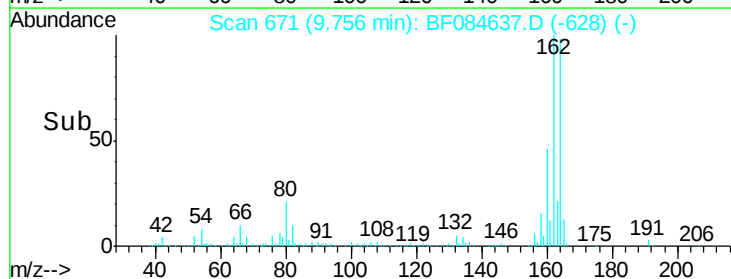
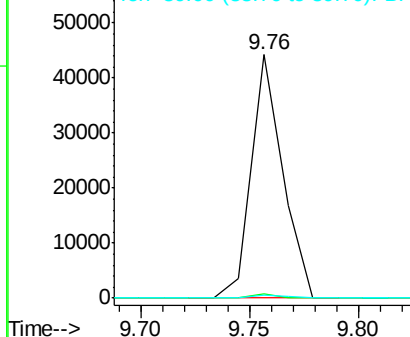


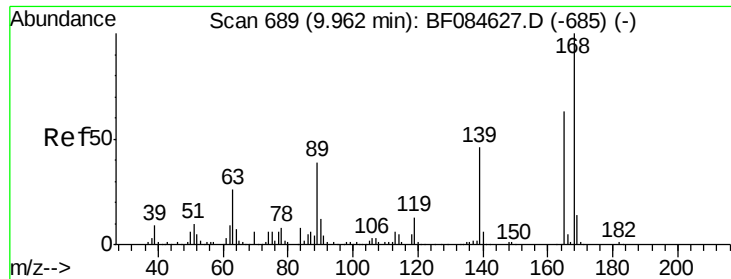
#50
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.19 min
Lab File: BF084637.D
Acq: 29 Jan 2016 15:45

Tgt Ion:165 Resp: 44248
Ion Ratio Lower Upper
165 100
63 1.7 28.8 43.2#
89 1.5 35.1 52.7#



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: 6.03 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.21 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

Tgt Ion:165 Resp: 44248

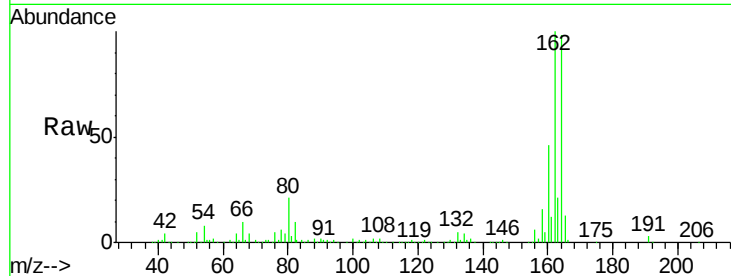
Ion Ratio Lower Upper

165 100

63 1.7 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

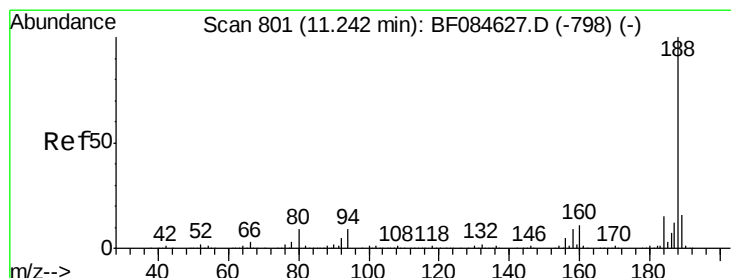
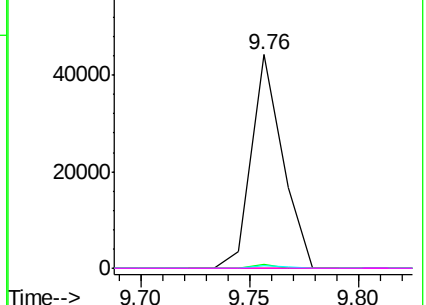
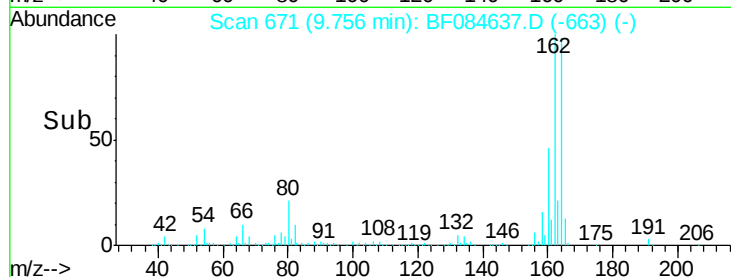


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF084637.D

Acq: 29 Jan 2016 15:45

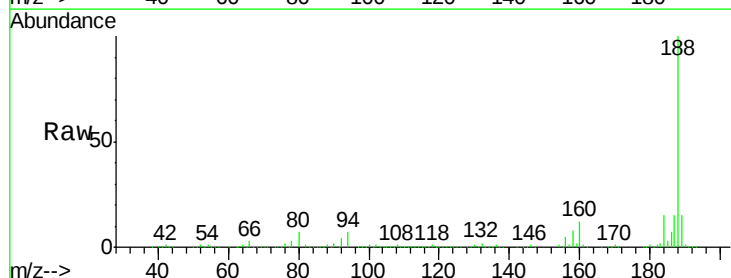
Tgt Ion:188 Resp: 588316

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.4#

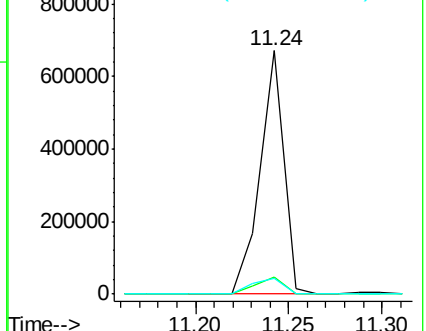
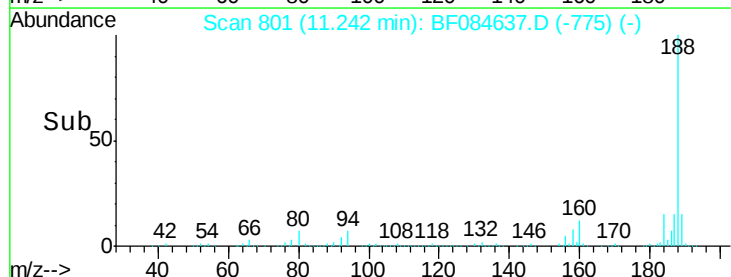
80 6.5 9.6 14.4#

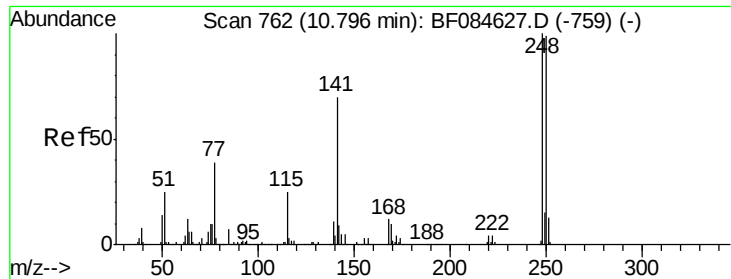


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.10 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

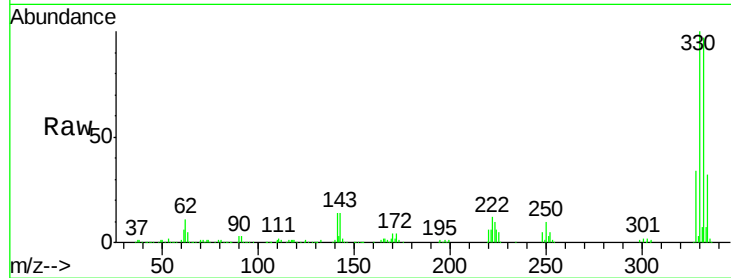
Tgt Ion:248 Resp: 33820

Ion Ratio Lower Upper

248 100

250 199.4 78.4 117.6#

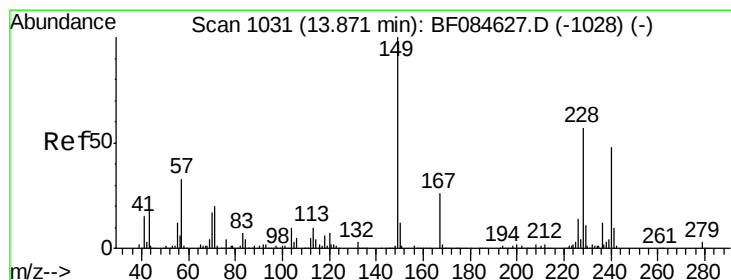
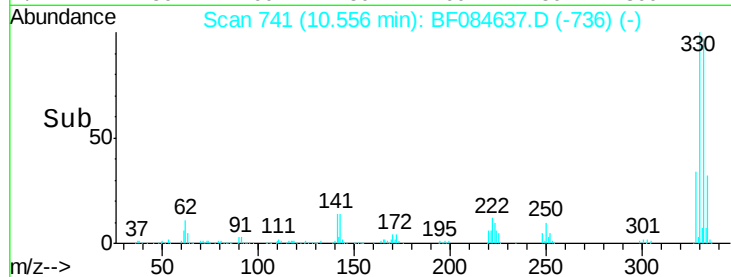
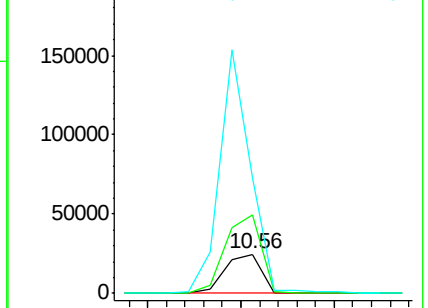
141 292.8 44.0 66.0#



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: BF084637.D

Acq: 29 Jan 2016 15:45

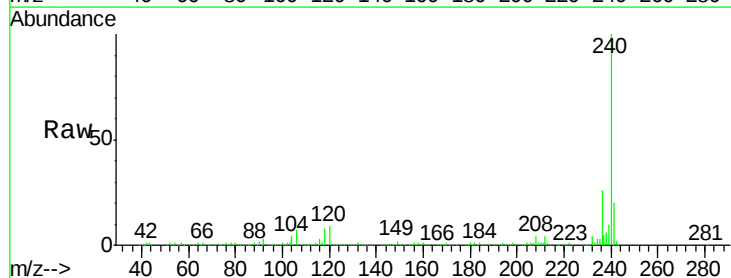
Tgt Ion:240 Resp: 516736

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

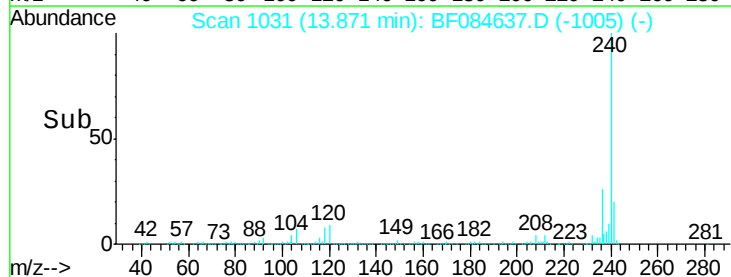
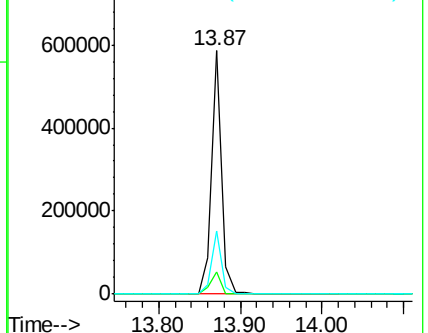
236 26.1 20.6 31.0

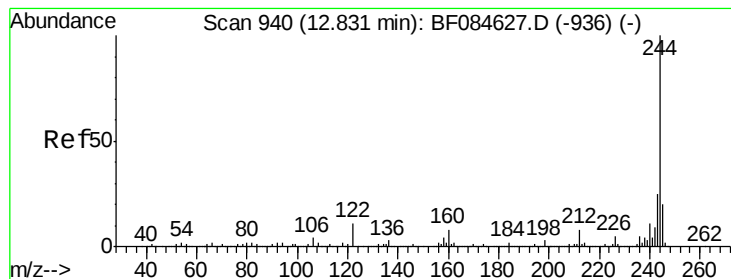


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.56 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

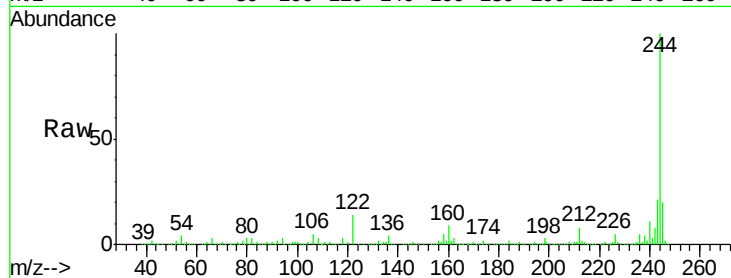
Tgt Ion:244 Resp: 1408405

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

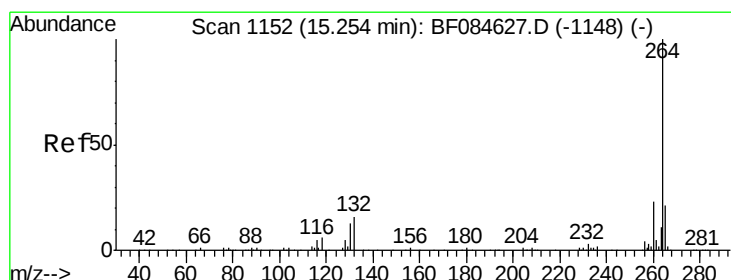
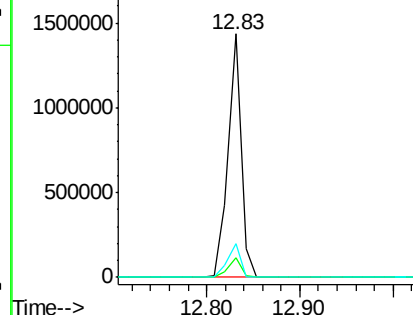
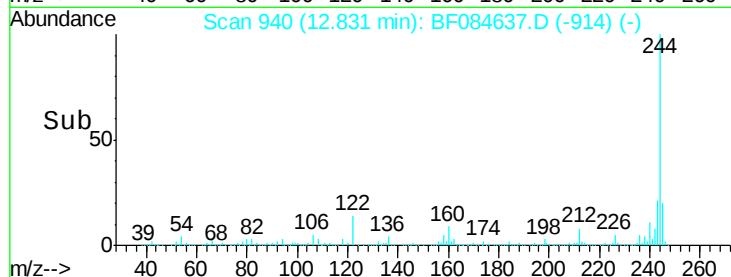
122 13.7 7.4 11.0#



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: BF084637.D

Acq: 29 Jan 2016 15:45

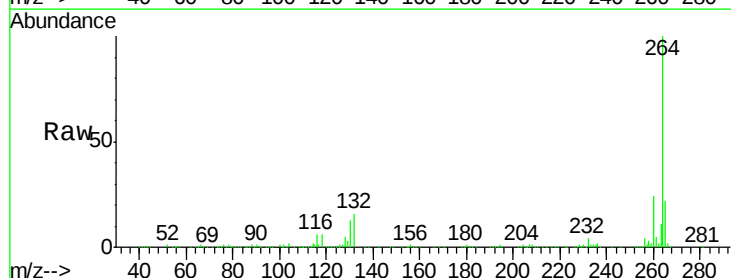
Tgt Ion:264 Resp: 445929

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.1 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

