

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084632.D
 Acq On : 29 Jan 2016 13:26
 Operator : SJ/IZ
 Sample : PB88038BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BL

Quant Time: Jan 29 23:03:49 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

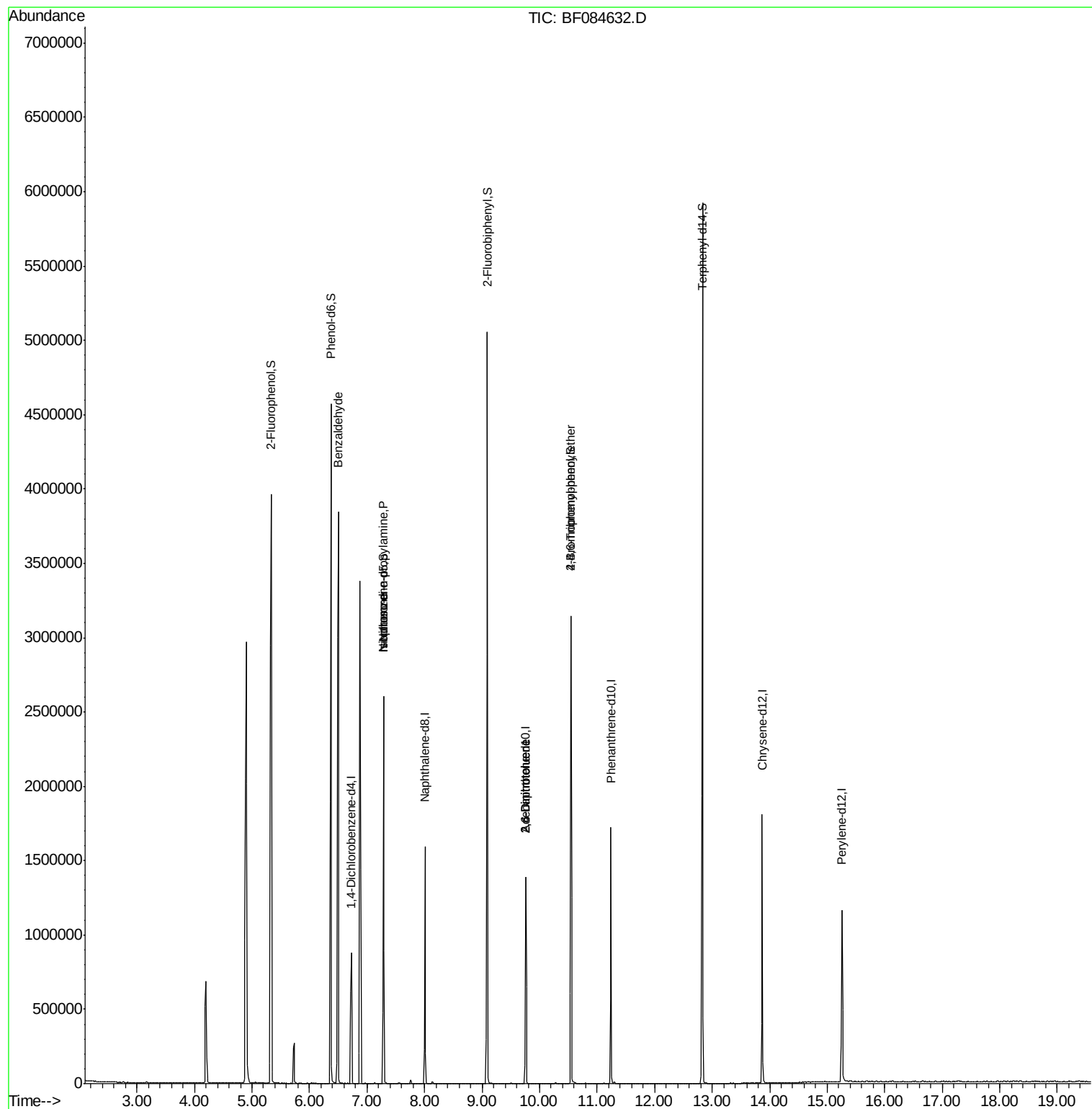
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167411	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	690554	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	314111	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	648038	20.00	ng	0.00
75) Chrysene-d12	13.87	240	610813	20.00	ng	0.00
86) Perylene-d12	15.25	264	501032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1365097	123.09	ng	0.02
7) Phenol-d6	6.37	99	1521941	114.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	911624	73.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	447938	136.06	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1881106	89.01	ng	0.00
78) Terphenyl-d14	12.83	244	1820768	67.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	32153	4.18	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.29	70	124578	15.34	ng	# 70
25) Isophorone	7.29	82	803682	34.72	ng	# 66
50) 2,6-Dinitrotoluene	9.76	165	40651	7.84	ng	# 37
56) 2,4-Dinitrotoluene	9.76	165	40651	6.03	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	26442	3.62	ng	# 1

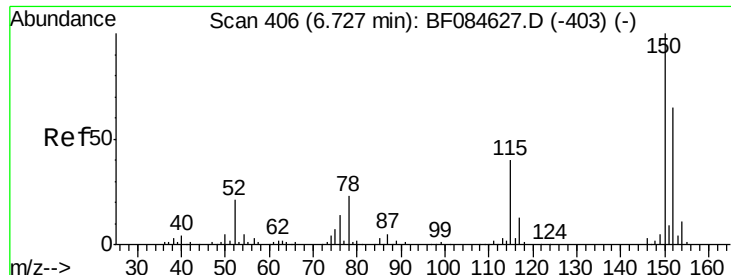
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
Data File : BF084632.D
Acq On : 29 Jan 2016 13:26
Operator : SJ/IZ
Sample : PB88038BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88038BL

Quant Time: Jan 29 23:03:49 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: BF084632.D

Acq: 29 Jan 2016 13:26

Instrument :

BNA_F

ClientSampleId :

PB88038BL

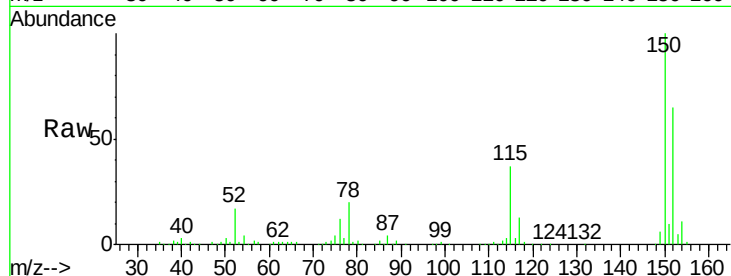
Tgt Ion:152 Resp: 167411

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

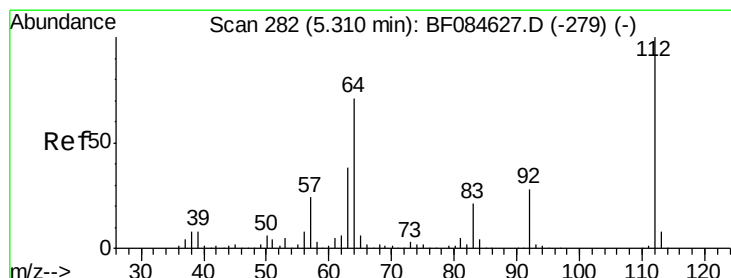
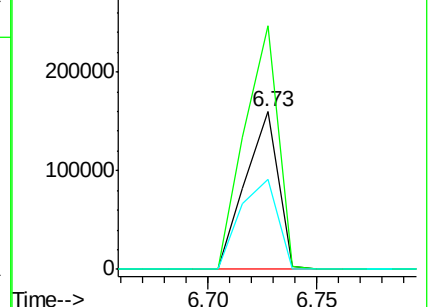
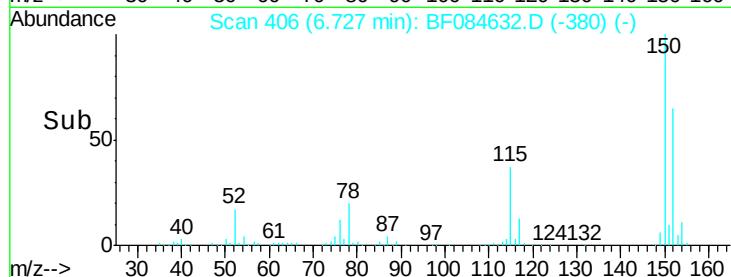
115 56.7 51.4 77.2



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: 123.09 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

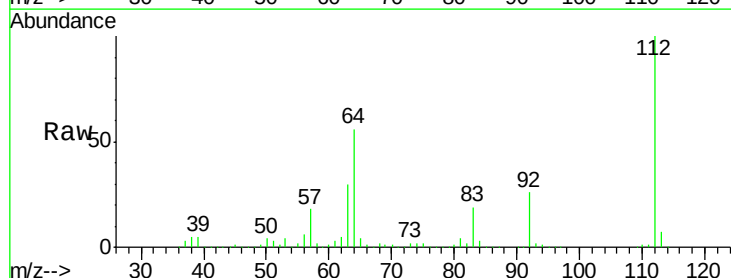
Tgt Ion:112 Resp: 1365097

Ion Ratio Lower Upper

112 100

64 56.5 36.6 55.0#

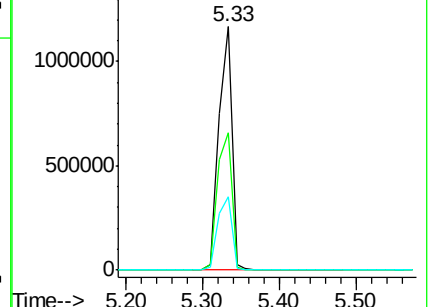
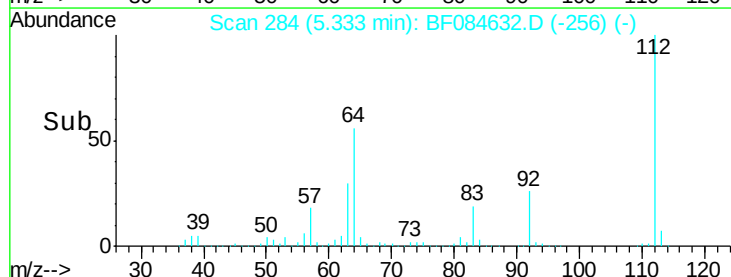
63 30.0 19.4 29.0#

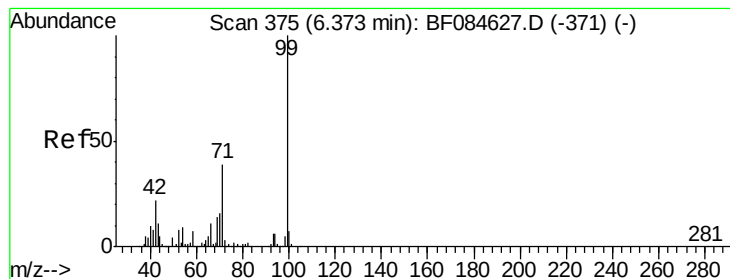


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.49 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

Instrument :

BNA_F

ClientSampleId :

PB88038BL

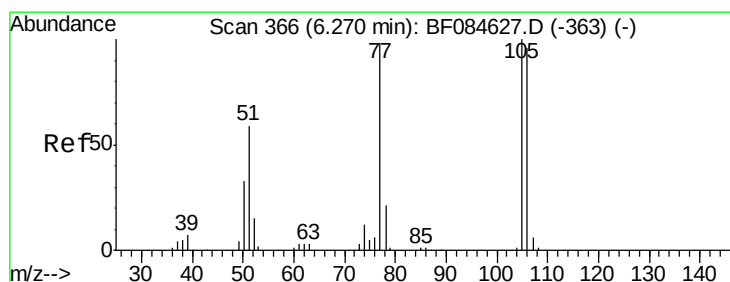
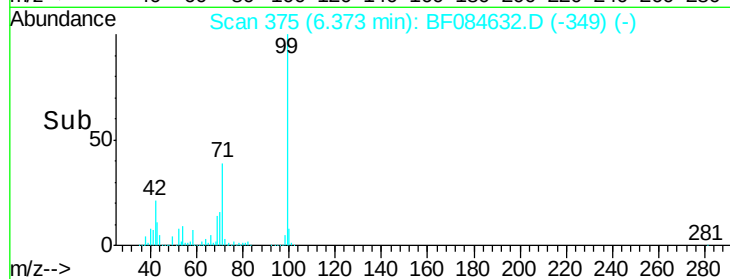
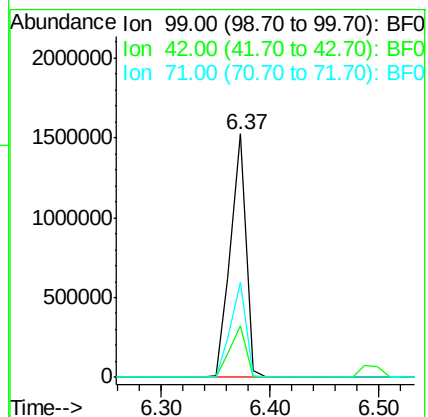
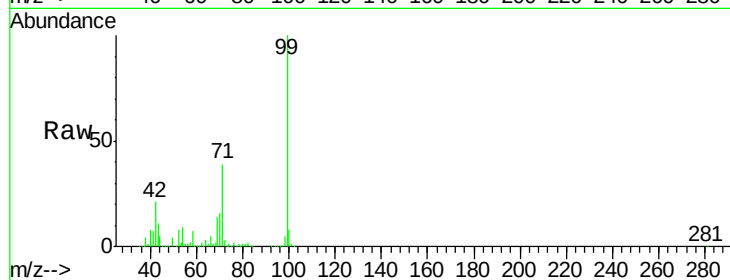
Tgt Ion: 99 Resp: 1521941

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

71 39.0 30.9 46.3



#9

Benzaldehyde

Concen: 4.18 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

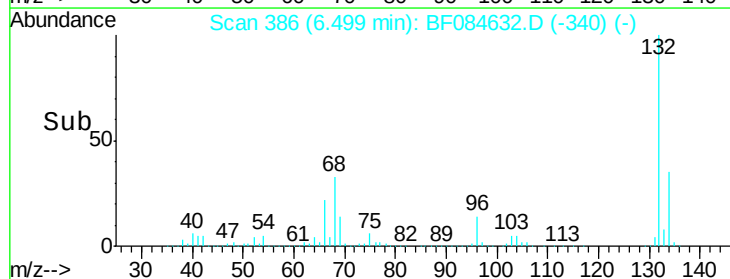
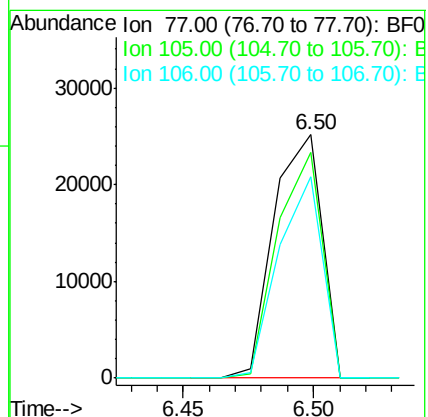
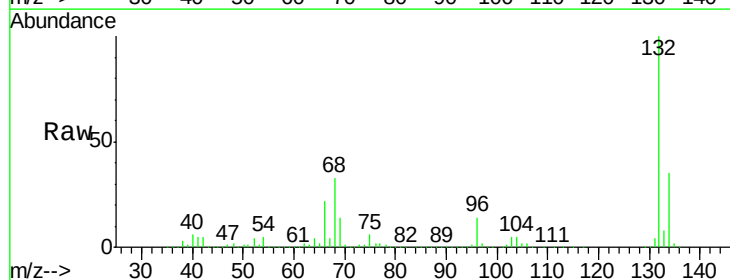
Tgt Ion: 77 Resp: 32153

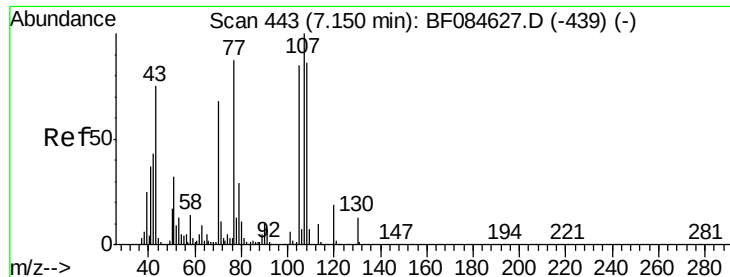
Ion Ratio Lower Upper

77 100

105 92.6 83.0 123.0

106 82.8 74.6 114.6

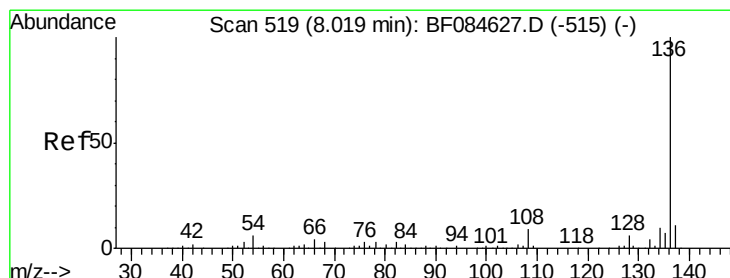
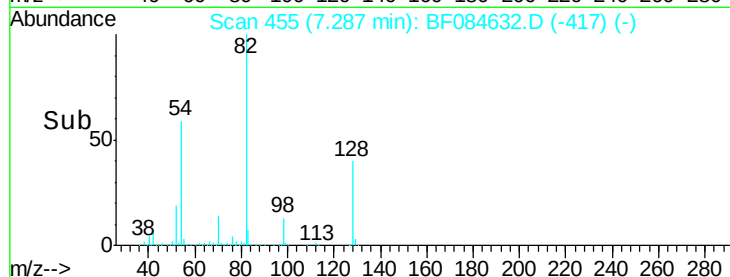
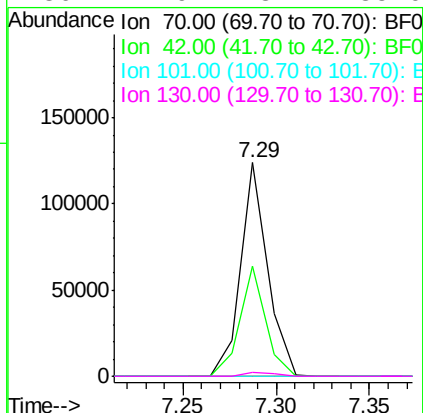
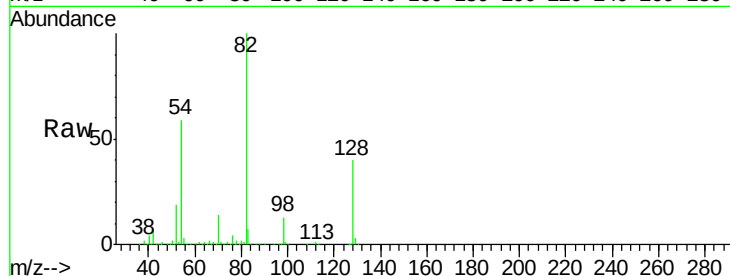




#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

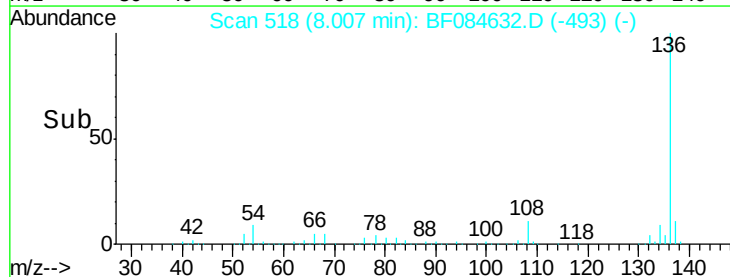
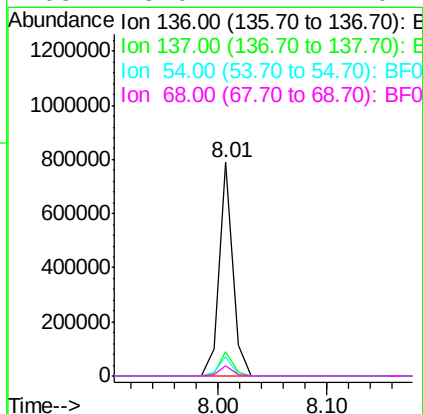
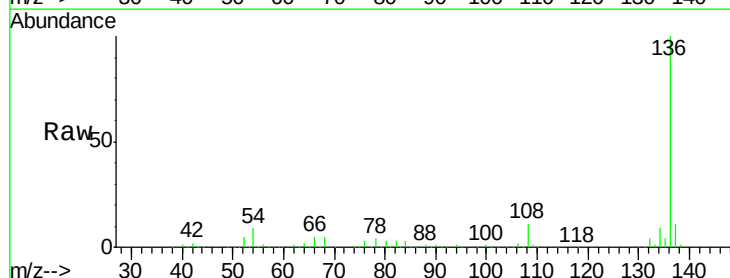
Instrument :
BNA_F
ClientSampleId :
PB88038BL

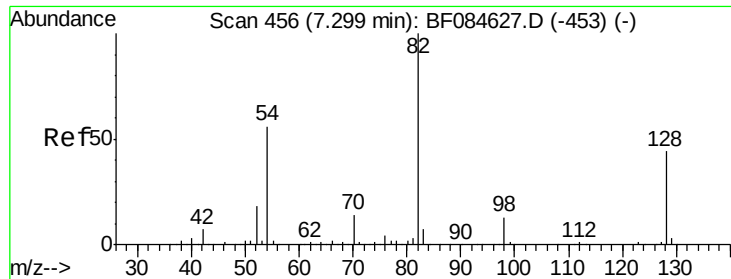
Tgt Ion: 70 Resp: 124578
Ion Ratio Lower Upper
70 100
42 51.7 33.3 49.9#
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

Tgt Ion: 136 Resp: 690554
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 8.9 5.8 8.8#
68 5.0 4.2 6.2

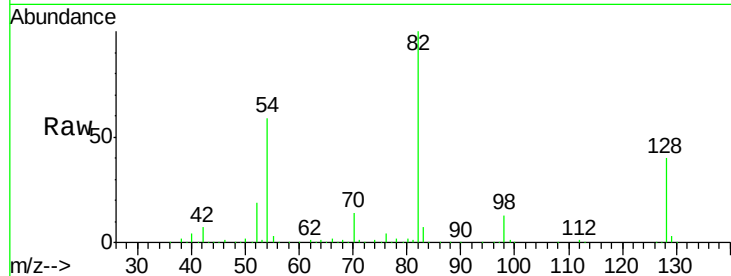




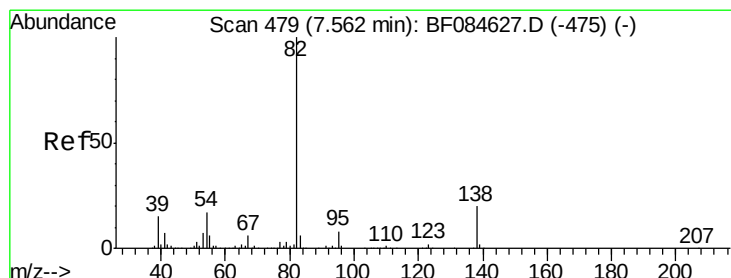
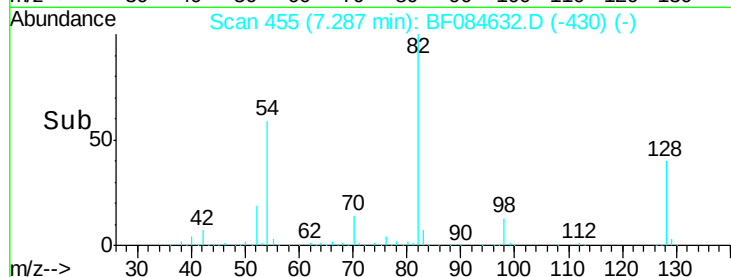
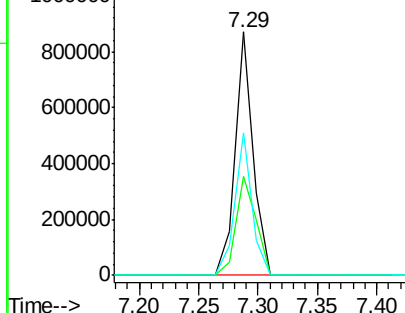
#23
Nitrobenzene-d5
Concen: 73.78 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

Instrument :
BNA_F
ClientSampleId :
PB88038BL

Tgt Ion: 82 Resp: 911624
Ion Ratio Lower Upper
82 100
128 40.5 34.6 51.8
54 58.8 38.4 57.6#

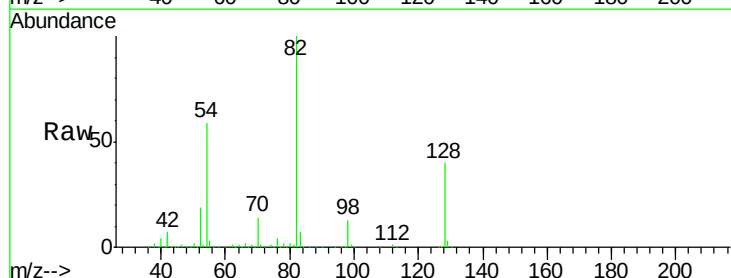


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

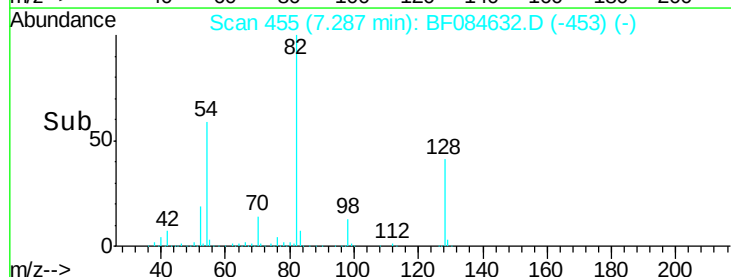
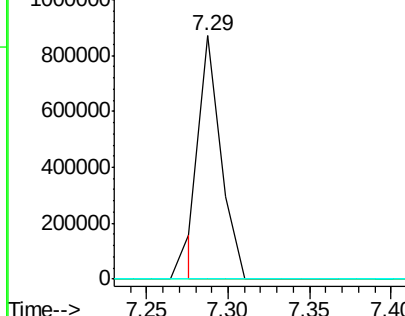


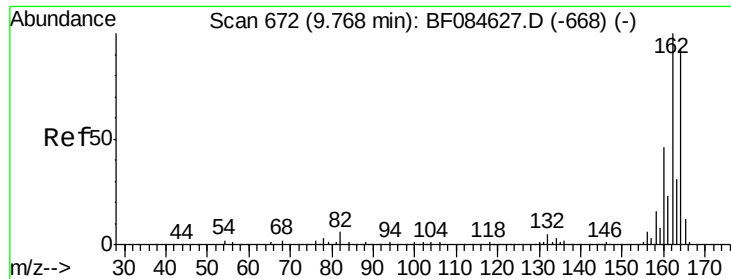
#25
Isophorone
Concen: 34.72 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

Tgt Ion: 82 Resp: 803682
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

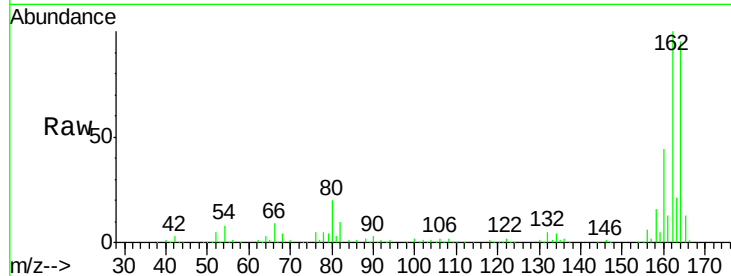




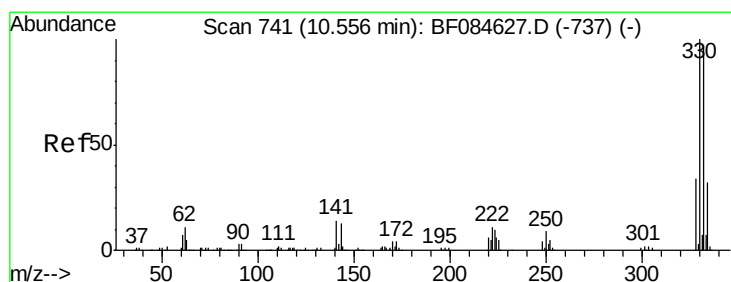
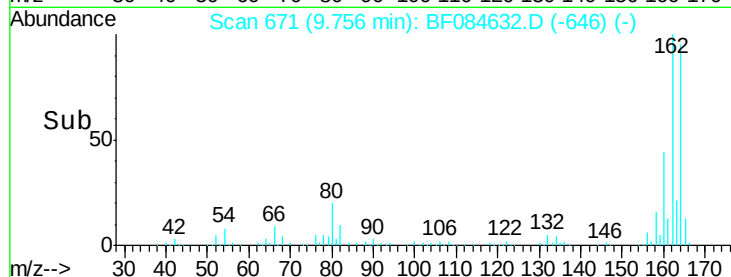
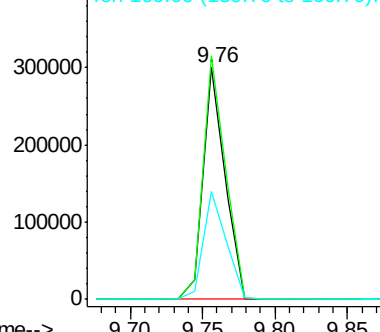
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BL

Tgt Ion:164 Resp: 314111
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.1 127.7
 160 46.6 37.5 56.3

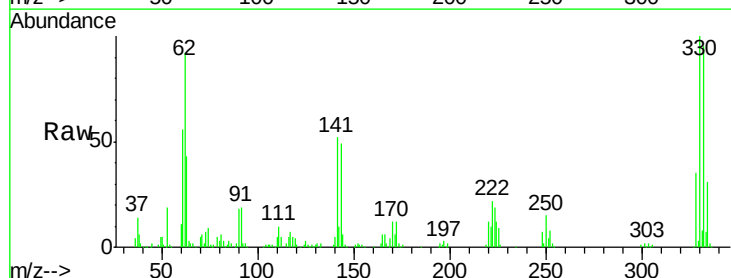


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

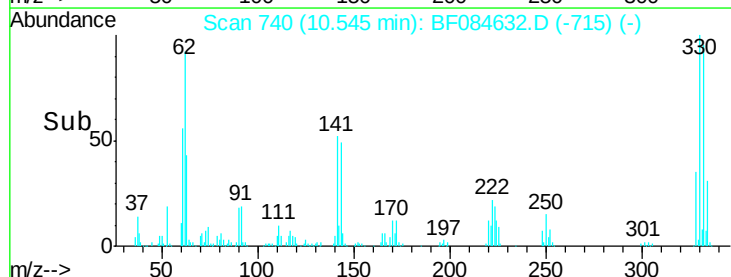
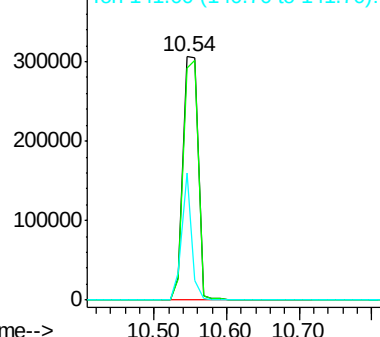


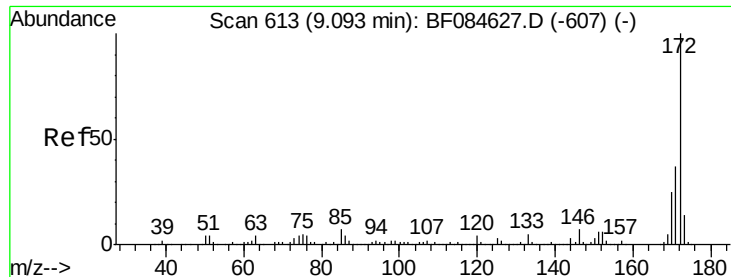
#41
 2,4,6-Tribromophenol
 Concen: 136.06 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Tgt Ion:330 Resp: 447938
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 34.1 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

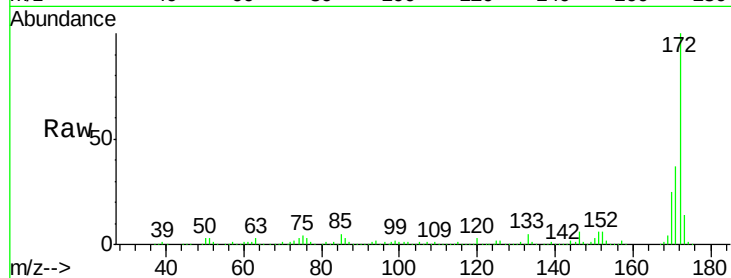




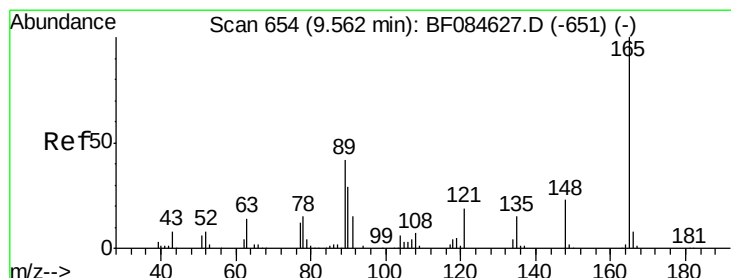
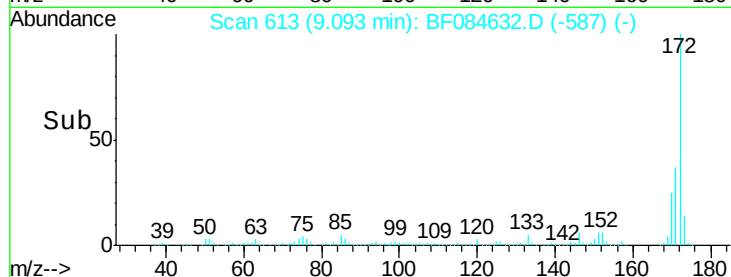
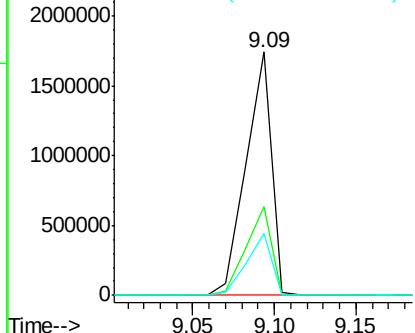
#44
 2-Fluorobiphenyl
 Concen: 89.01 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BL

Tgt Ion:172 Resp: 1881106
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 25.4 18.6 27.8

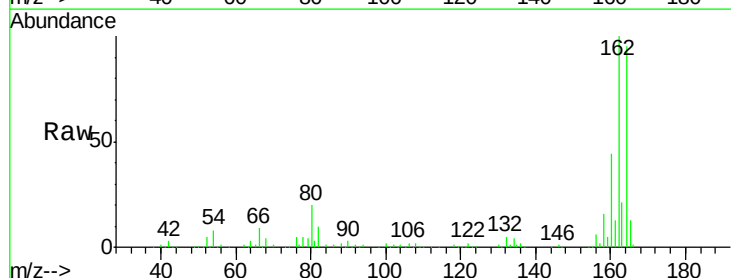


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

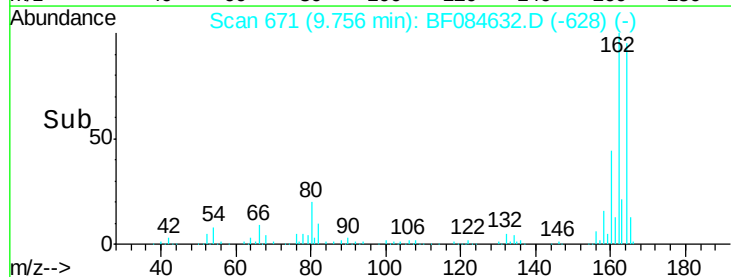
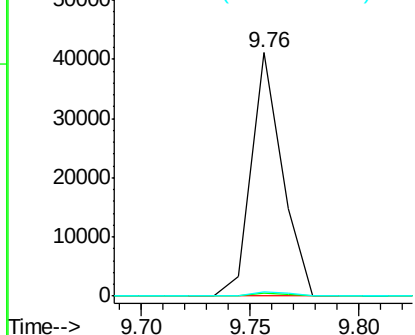


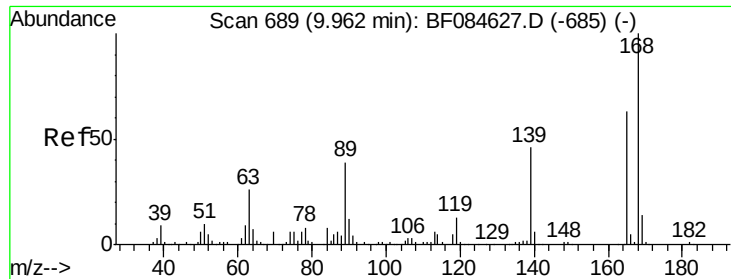
#50
 2,6-Dinitrotoluene
 Concen: 7.84 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.19 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Tgt Ion:165 Resp: 40651
 Ion Ratio Lower Upper
 165 100
 63 1.0 28.8 43.2#
 89 1.6 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

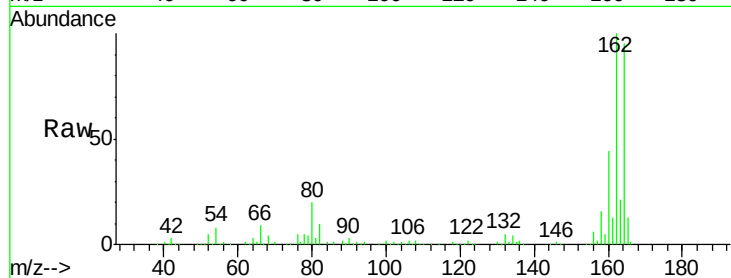




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.21 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#



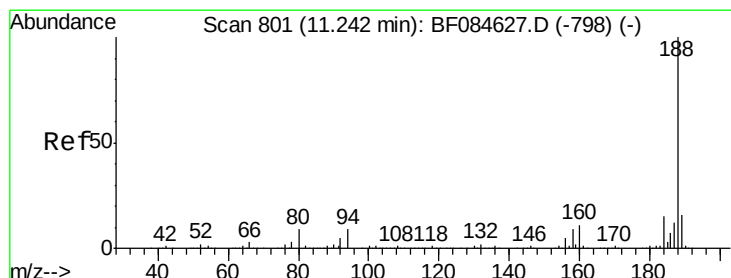
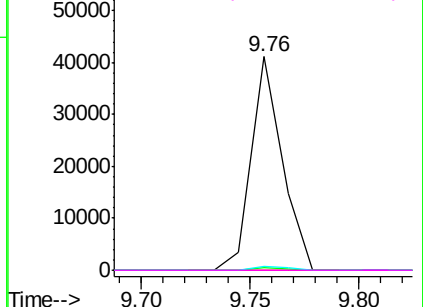
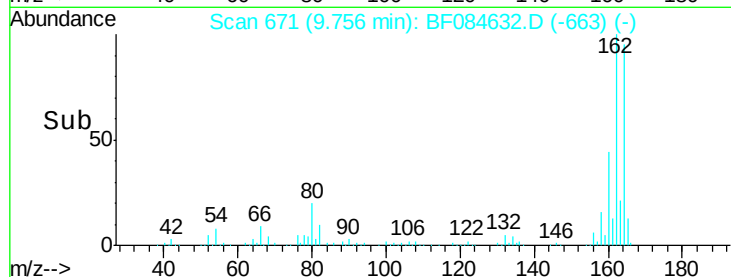
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

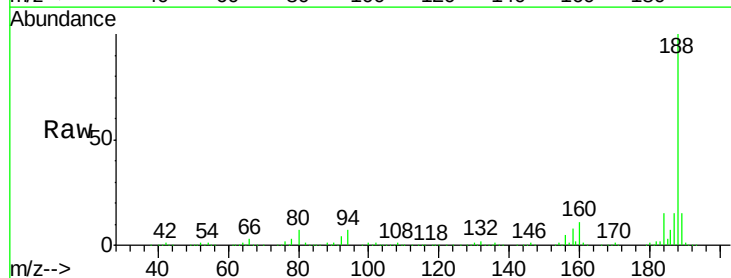
Ion 89.00 (88.70 to 89.70): BF0

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: BF084632.D
 Acq: 29 Jan 2016 13:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.4#
80	7.2	9.6	14.4#

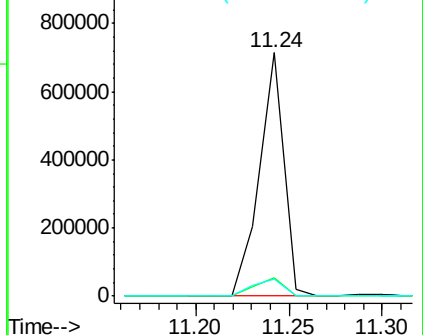
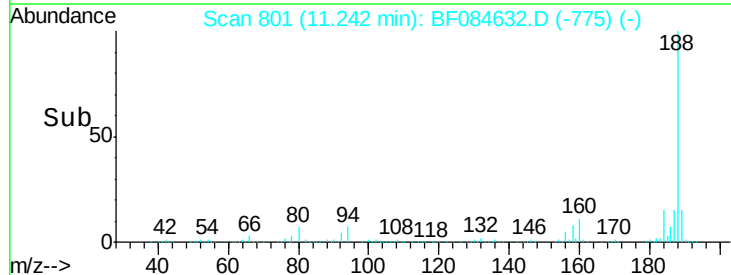


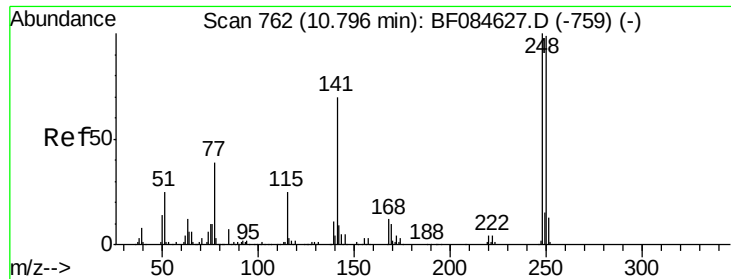
Abundance

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: 3.62 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

Instrument :

BNA_F

ClientSampleId :

PB88038BL

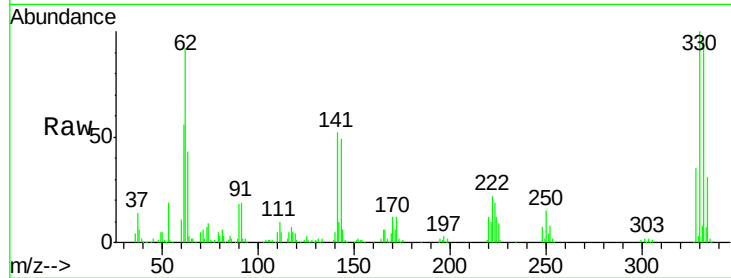
Tgt Ion:248 Resp: 26442

Ion Ratio Lower Upper

248 100

250 199.5 78.4 117.6#

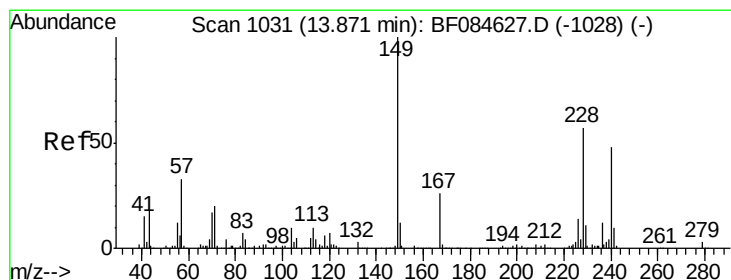
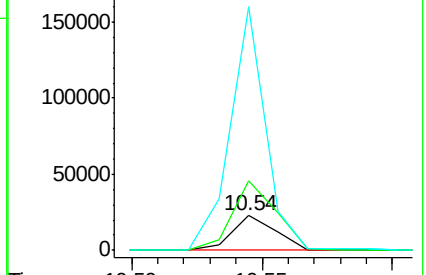
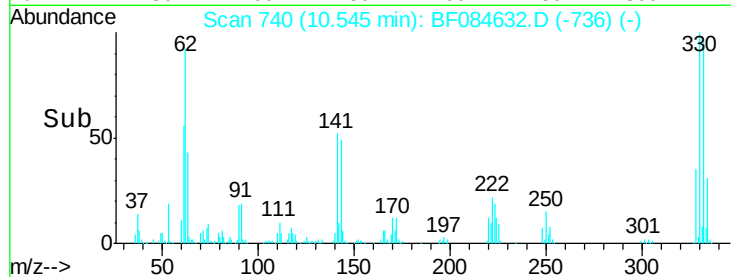
141 698.3 44.0 66.0#



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: BF084632.D

Acq: 29 Jan 2016 13:26

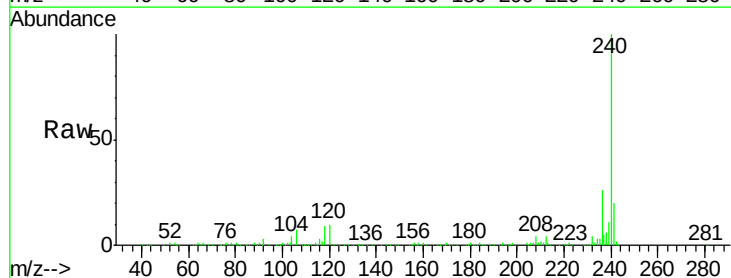
Tgt Ion:240 Resp: 610813

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

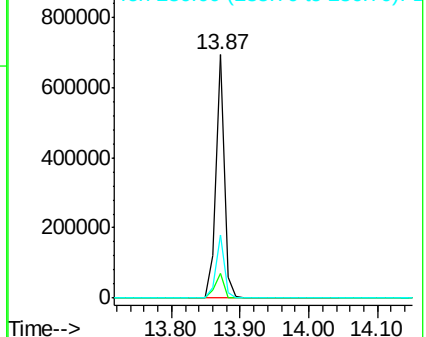
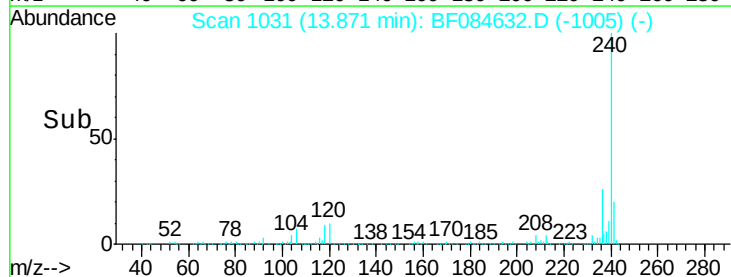
236 25.8 20.6 31.0

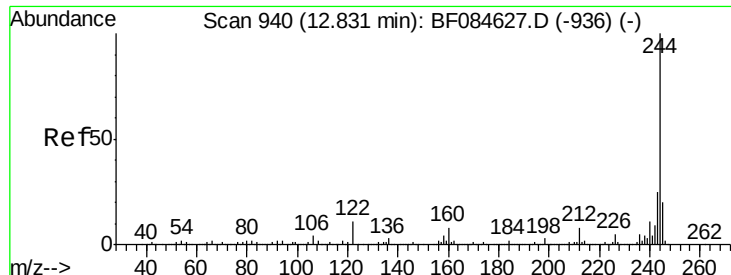


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.32 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

Instrument :

BNA_F

ClientSampleId :

PB88038BL

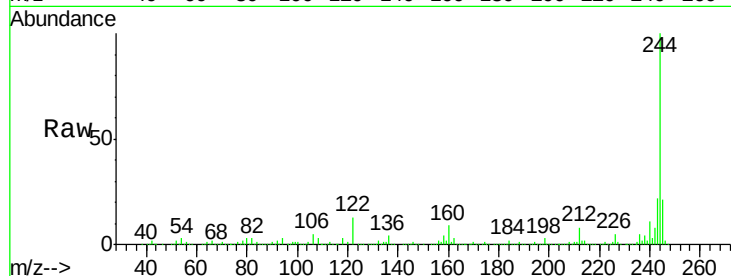
Tgt Ion:244 Resp: 1820768

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

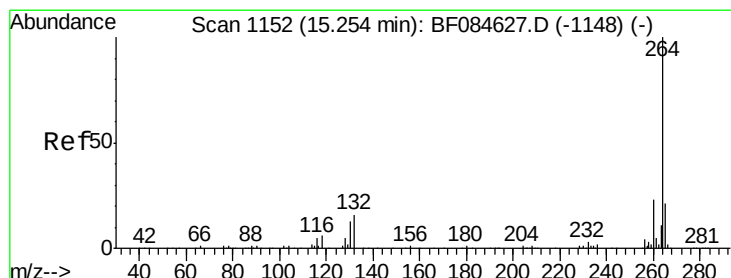
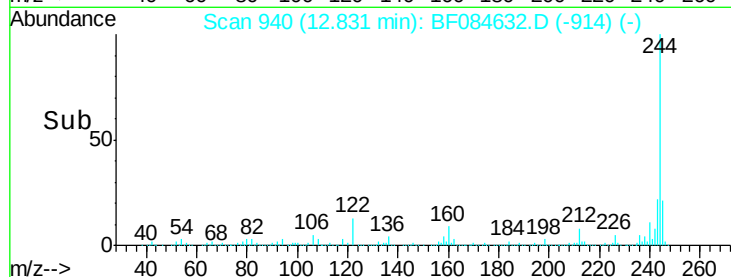
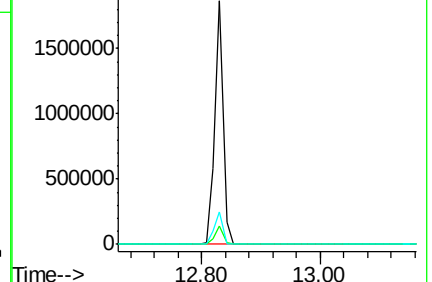
122 13.3 7.4 11.0#



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: BF084632.D

Acq: 29 Jan 2016 13:26

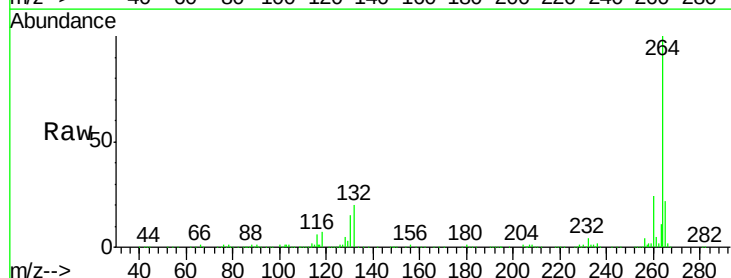
Tgt Ion:264 Resp: 501032

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.2 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

