

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084655.D
 Acq On : 30 Jan 2016 00:33
 Operator : SJ/IZ
 Sample : H1272-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(30-32)

Quant Time: Jan 30 01:10:03 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

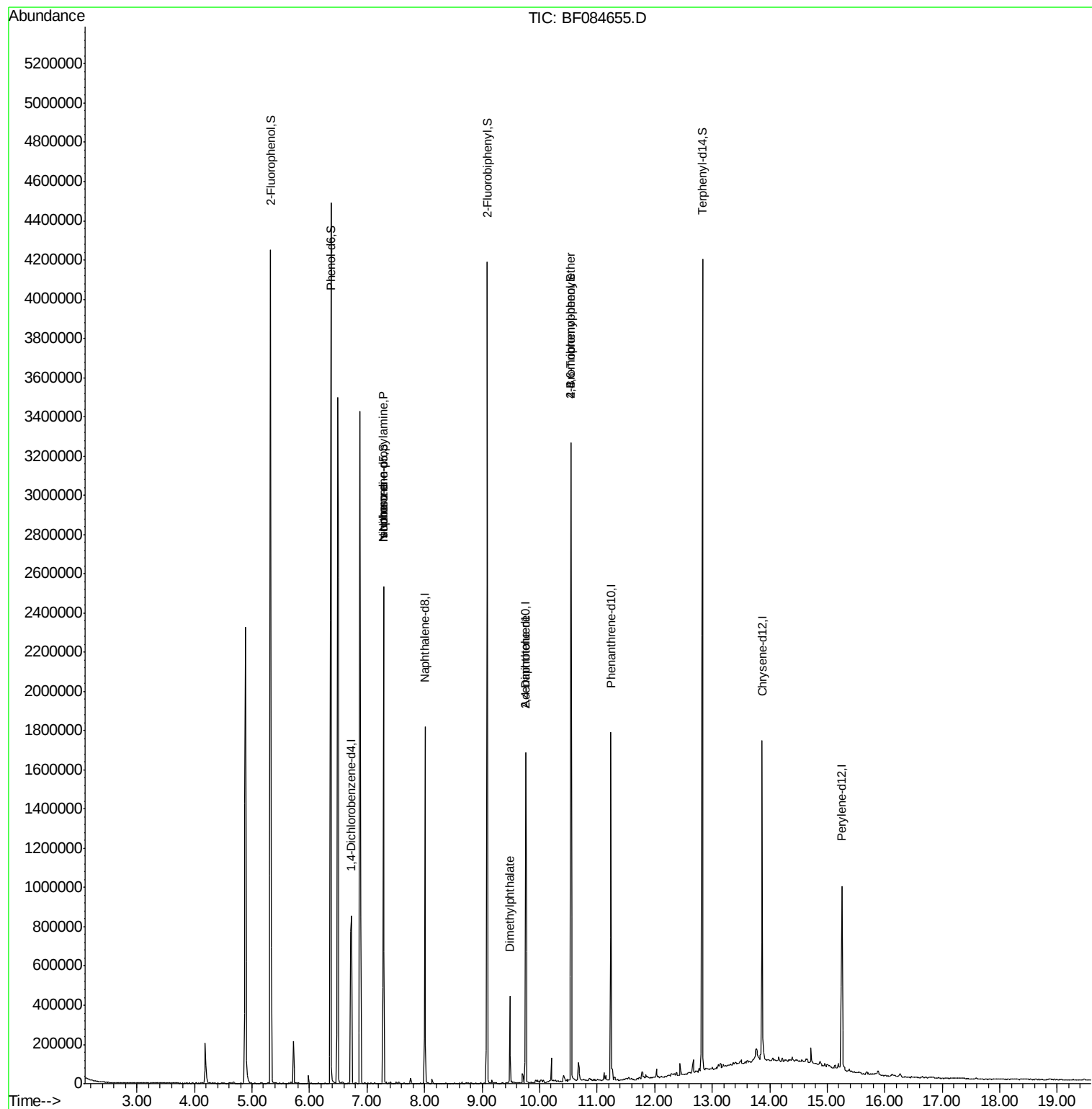
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	184960	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	756154	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	352651	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	697893	20.00	ng	0.00
75) Chrysene-d12	13.87	240	592461	20.00	ng	0.00
86) Perylene-d12	15.25	264	413894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1149087	93.78	ng	0.01
7) Phenol-d6	6.37	99	1657519	112.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	851682	62.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	385010	104.17	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1610252	67.87	ng	0.00
78) Terphenyl-d14	12.83	244	1503341	57.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	114743	12.79	ng	# 70
25) Isophorone	7.29	82	742005	29.27	ng	# 66
49) Dimethylphthalate	9.48	163	176360	6.66	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	46015	6.08	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	22163	2.82	ng	# 1

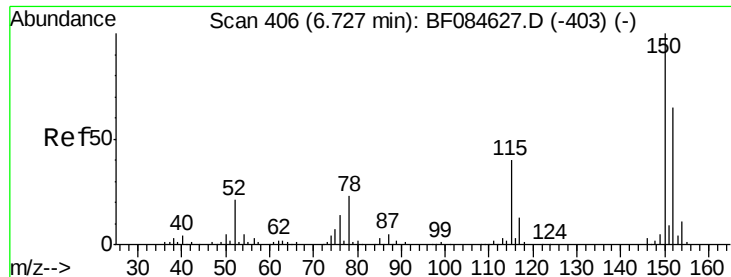
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084655.D

Acq: 30 Jan 2016 00:33

Instrument :

BNA_F

ClientSampleId :

SUP-B014(30-32)

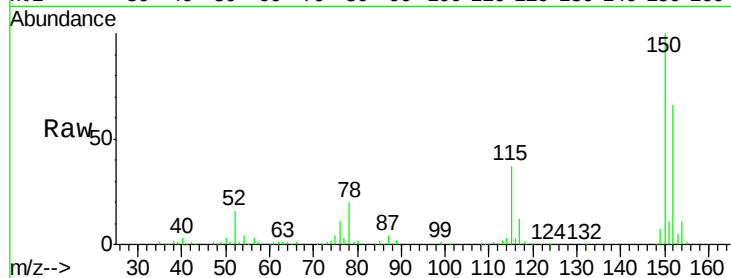
Tgt Ion:152 Resp: 184960

Ion Ratio Lower Upper

152 100

150 151.1 123.0 184.4

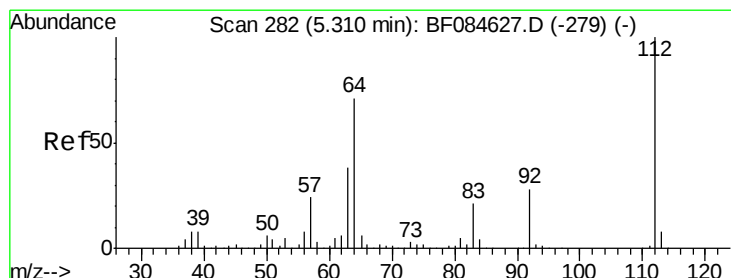
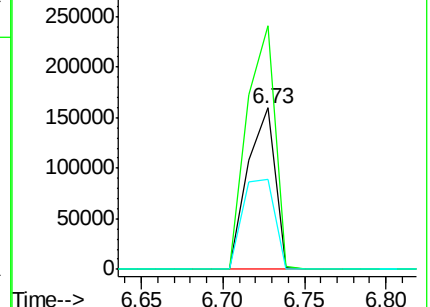
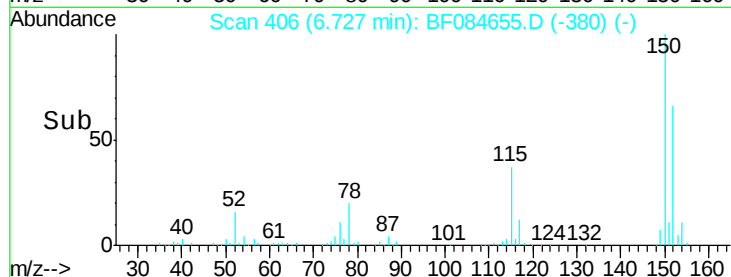
115 55.9 51.4 77.2



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: 93.78 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084655.D

Acq: 30 Jan 2016 00:33

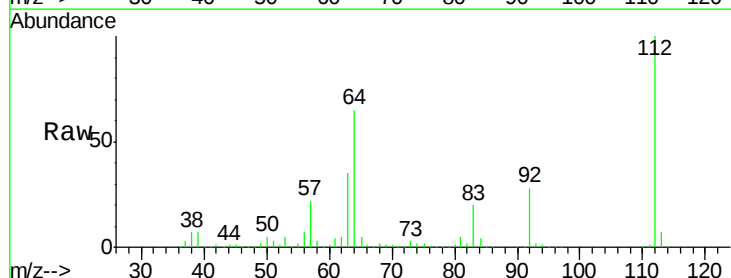
Tgt Ion:112 Resp: 1149087

Ion Ratio Lower Upper

112 100

64 65.2 36.6 55.0#

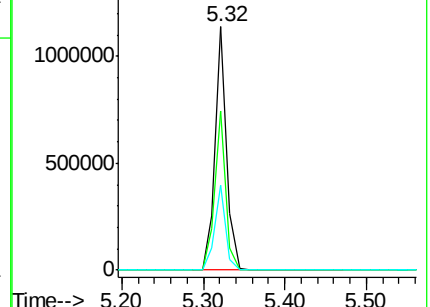
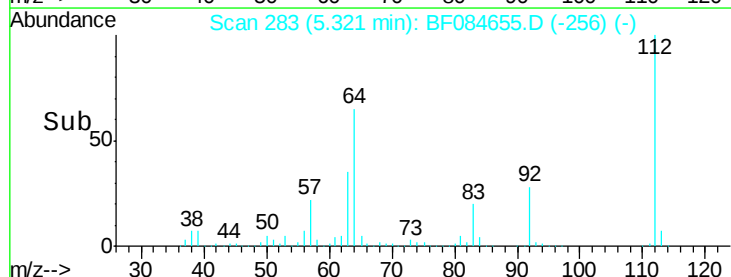
63 34.7 19.4 29.0#

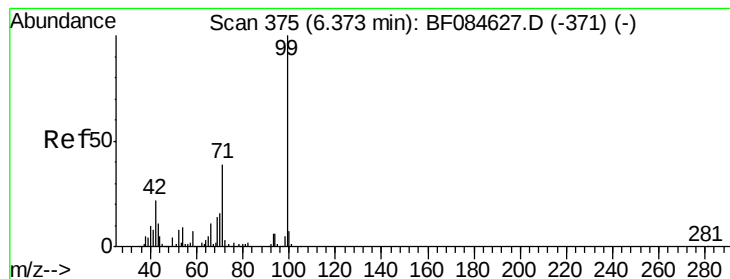


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.86 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084655.D

Acq: 30 Jan 2016 00:33

Instrument :

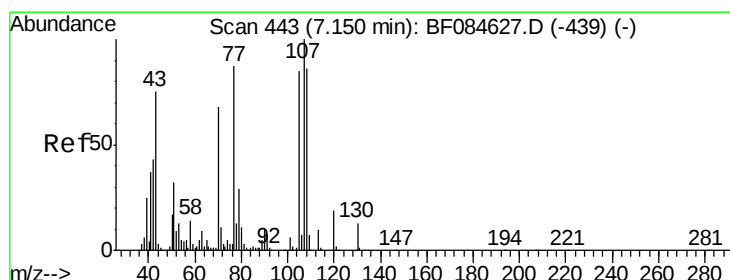
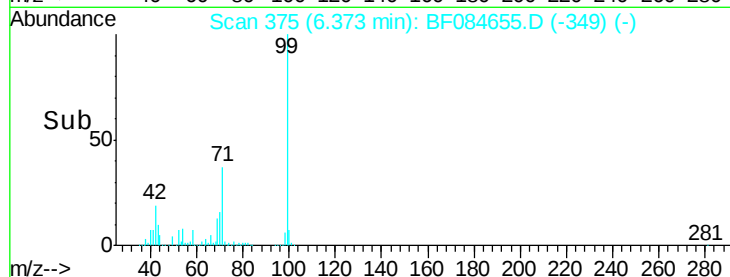
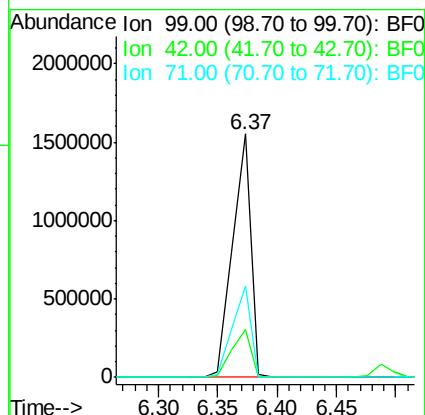
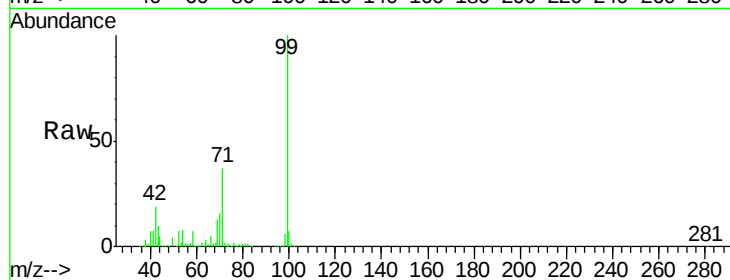
BNA_F

ClientSampleId :

SUP-B014(30-32)

Tgt Ion: 99 Resp: 1657519

Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.8	19.2#
71	37.3	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.79 ng

RT: 7.29 min Scan# 455

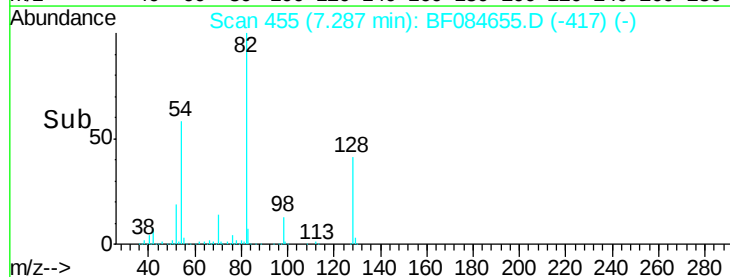
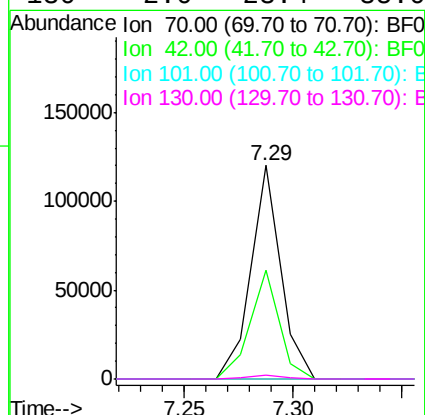
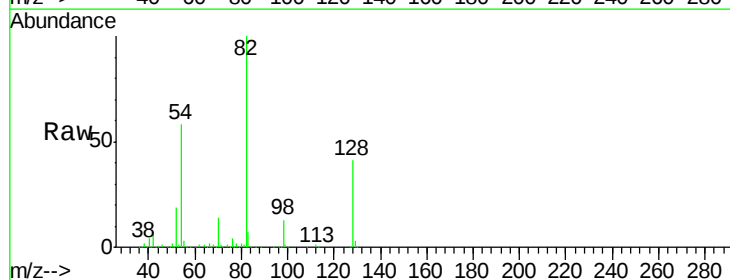
Delta R.T. 0.14 min

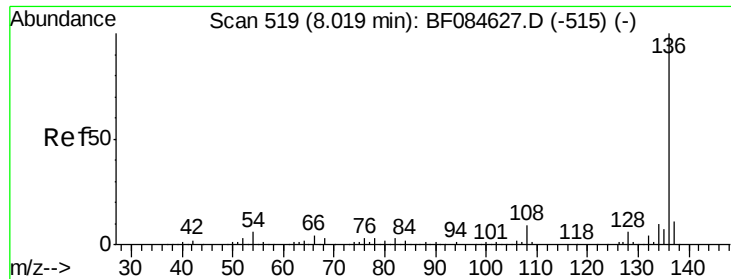
Lab File: BF084655.D

Acq: 30 Jan 2016 00:33

Tgt Ion: 70 Resp: 114743

Ion	Ratio	Lower	Upper
70	100		
42	51.2	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

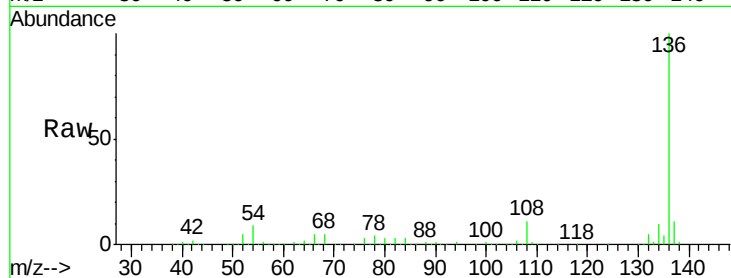




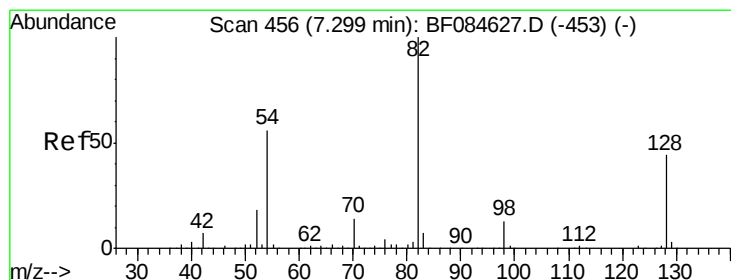
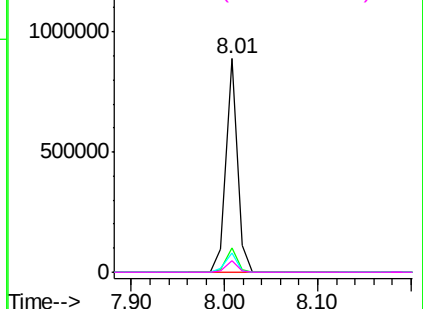
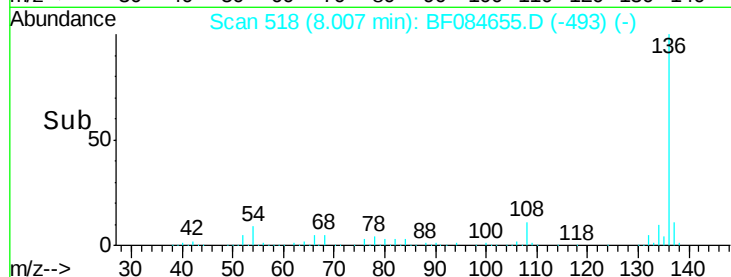
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084655.D
Acq: 30 Jan 2016 00:33

Instrument :
BNA_F
ClientSampleId :
SUP-B014(30-32)

Tgt Ion:	136	Resp:	756154
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.1	5.8	8.8#
68	5.2	4.2	6.2

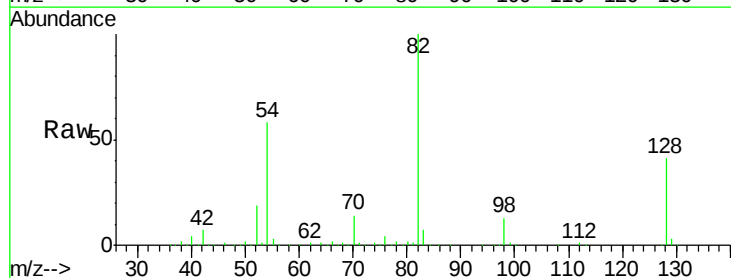


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

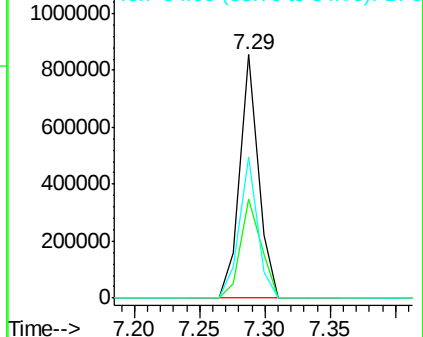
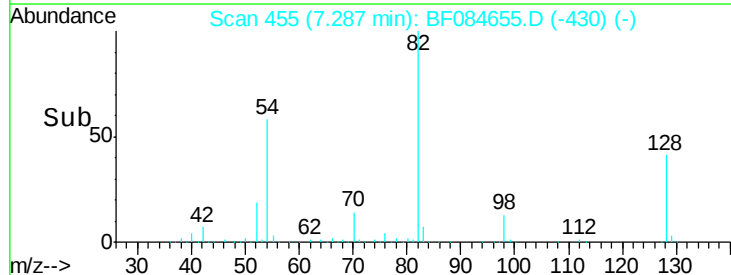


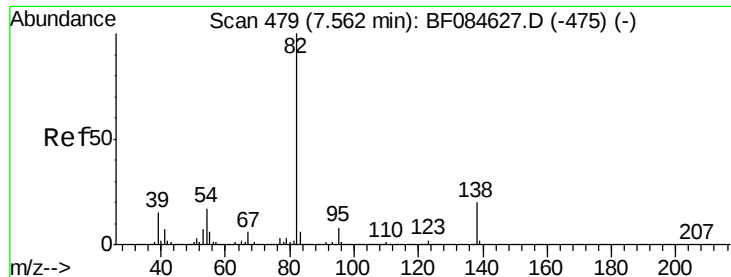
#23
Nitrobenzene-d5
Concen: 62.95 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084655.D
Acq: 30 Jan 2016 00:33

Tgt Ion:	82	Resp:	851682
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	51.8
54	58.1	38.4	57.6#



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





#25

Isophorone

Concen: 29.27 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084655.D

Acq: 30 Jan 2016 00:33

Instrument :

BNA_F

ClientSampleId :

SUP-B014(30-32)

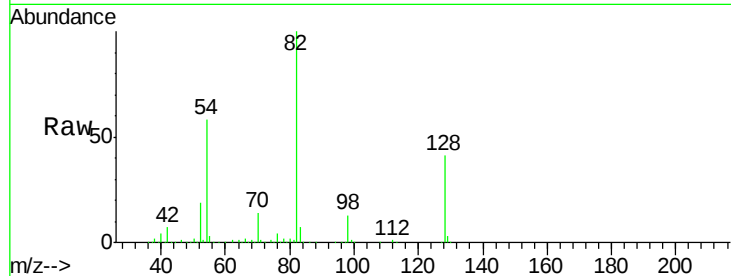
Tgt Ion: 82 Resp: 742005

Ion Ratio Lower Upper

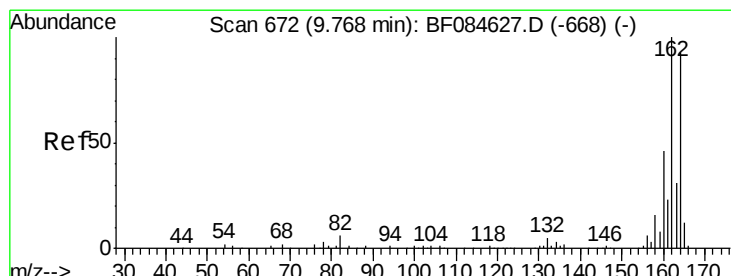
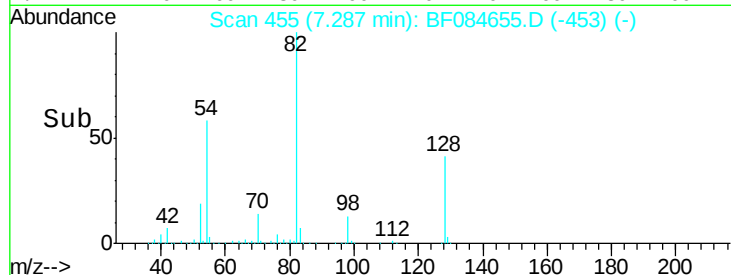
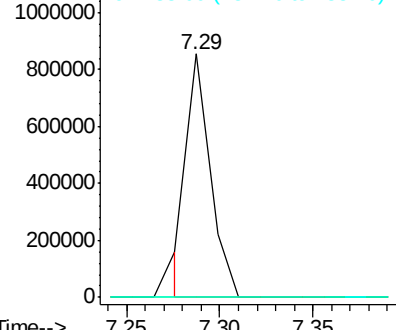
82 100

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: BF084655.D

Acq: 30 Jan 2016 00:33

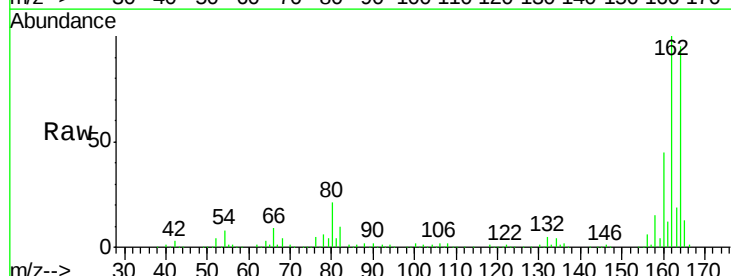
Tgt Ion: 164 Resp: 352651

Ion Ratio Lower Upper

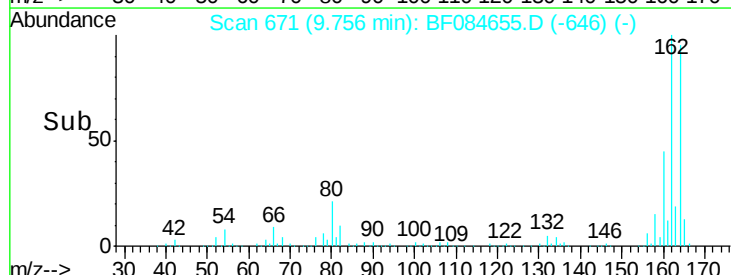
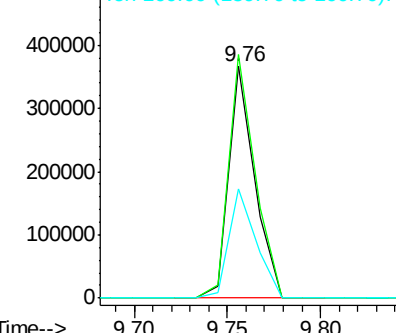
164 100

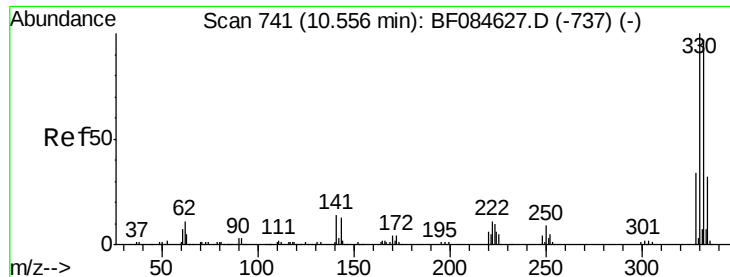
162 105.2 85.1 127.7

160 47.3 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

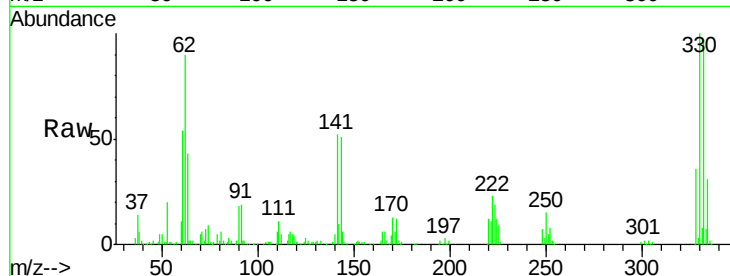




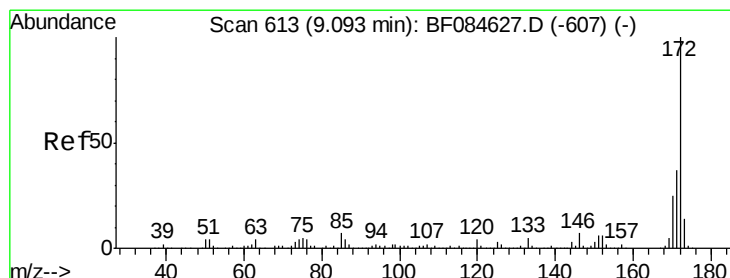
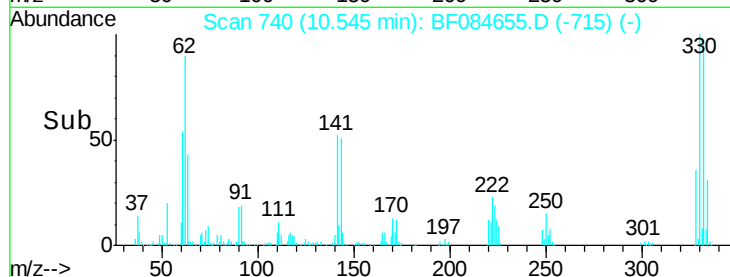
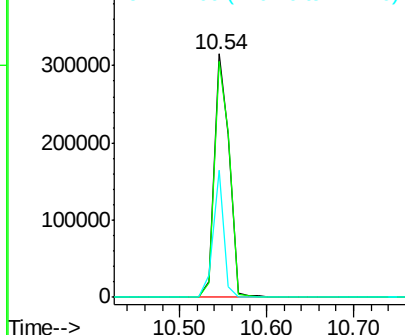
#41
 2,4,6-Tribromophenol
 Concen: 104.17 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084655.D
 Acq: 30 Jan 2016 00:33

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(30-32)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	37.5	27.8	41.6

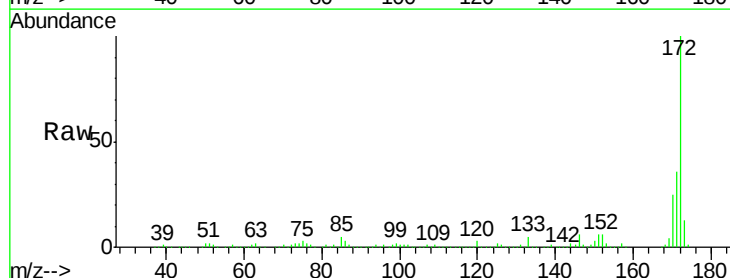


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

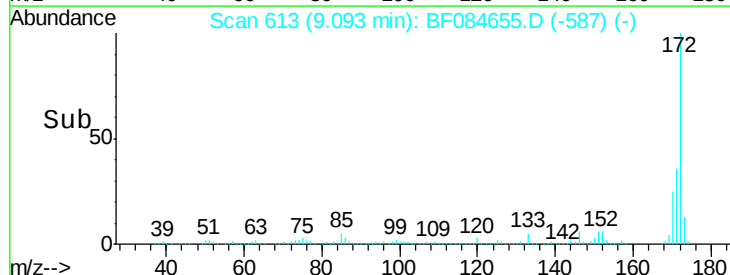
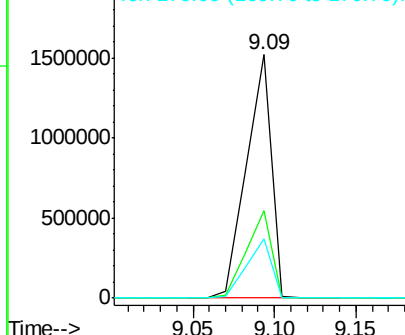


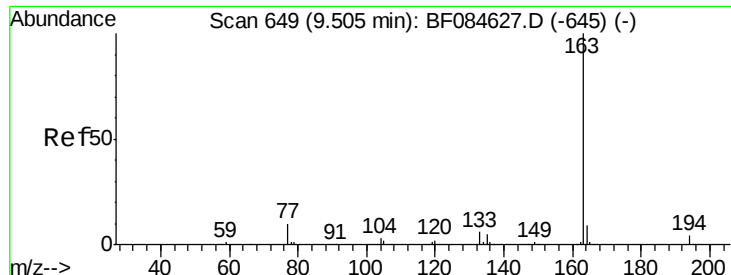
#44
 2-Fluorobiphenyl
 Concen: 67.87 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084655.D
 Acq: 30 Jan 2016 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.6	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: 6.66 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084655.D

Acq: 30 Jan 2016 00:33

Instrument :

BNA_F

ClientSampleId :

SUP-B014(30-32)

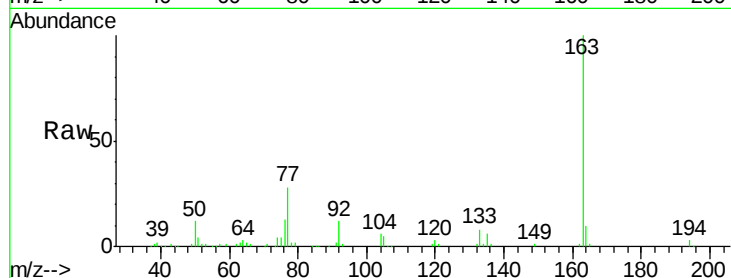
Tgt Ion:163 Resp: 176360

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

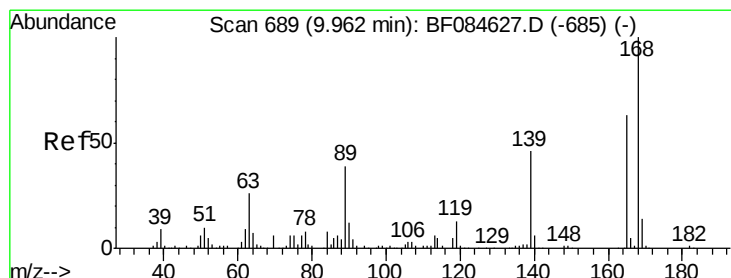
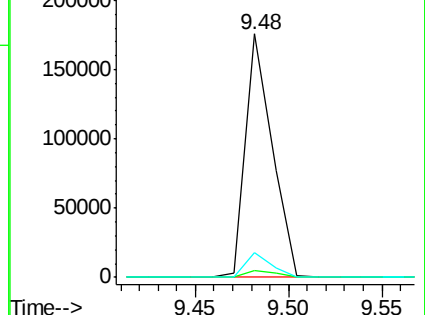
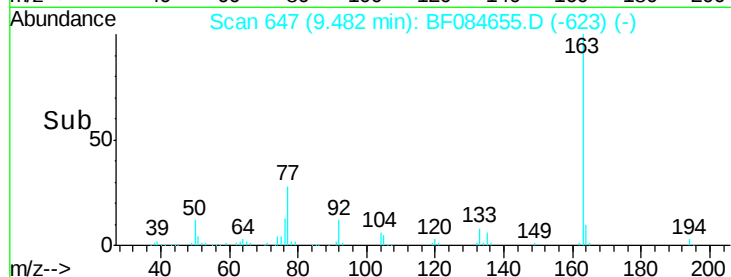
164 10.3 8.0 12.0



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: 6.08 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.21 min

Lab File: BF084655.D

Acq: 30 Jan 2016 00:33

Tgt Ion:165 Resp: 46015

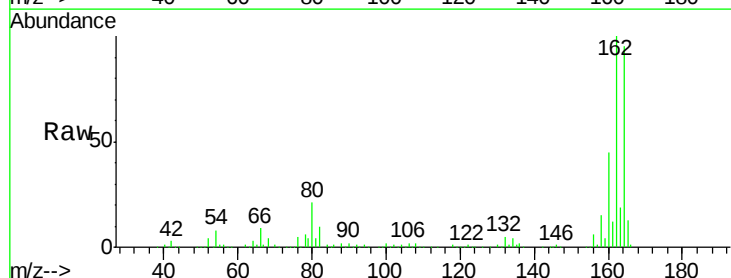
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

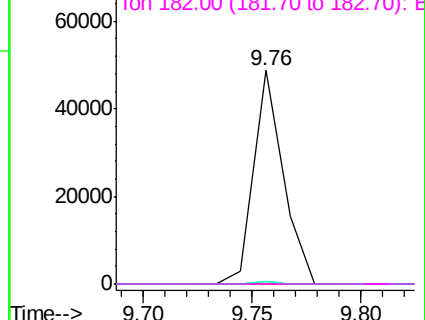
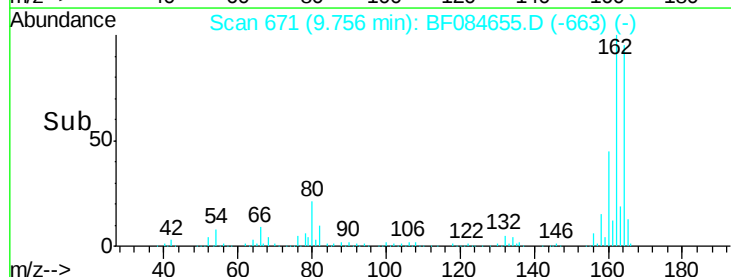


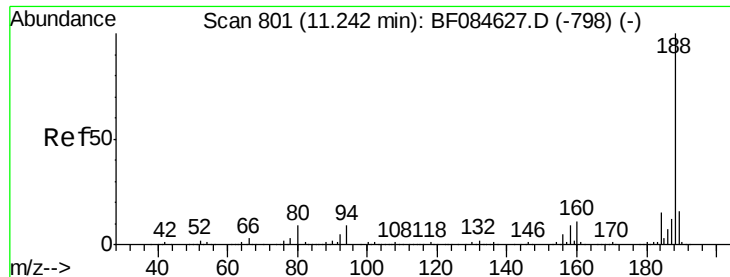
Abundance Ion 165.00 (164.70 to 165.70): E

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

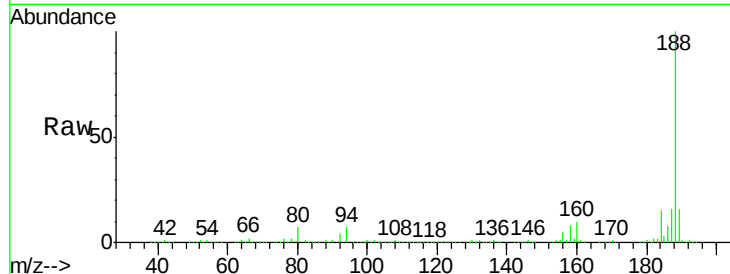




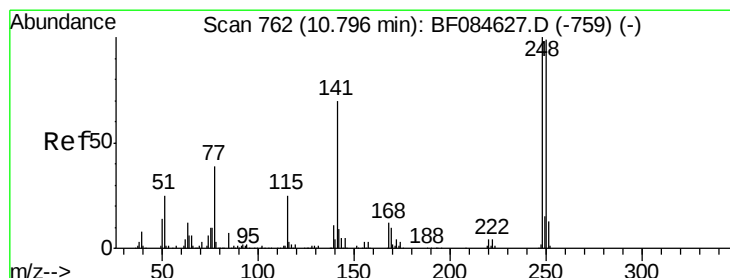
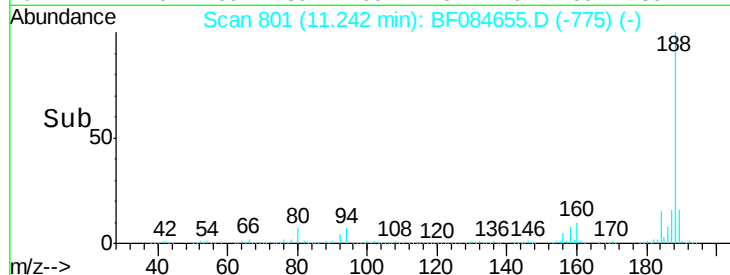
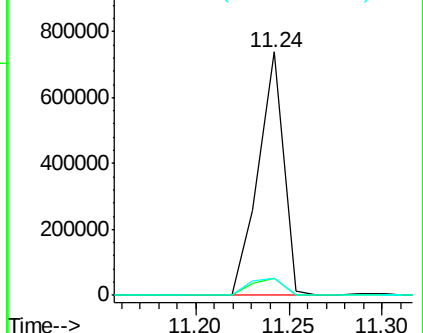
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084655.D
 Acq: 30 Jan 2016 00:33

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(30-32)

Tgt Ion:188 Resp: 697893
 Ion Ratio Lower Upper
 188 100
 94 6.8 9.0 13.4#
 80 7.0 9.6 14.4#

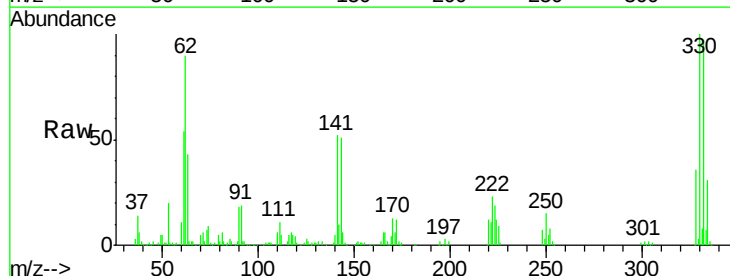


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

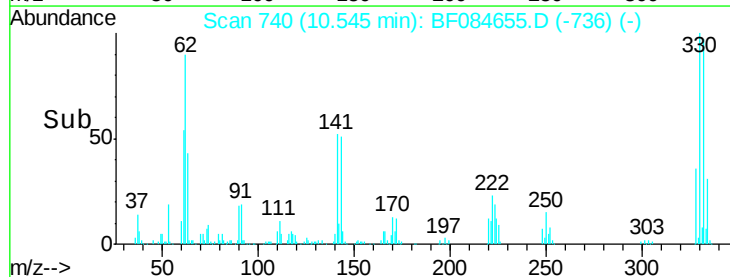
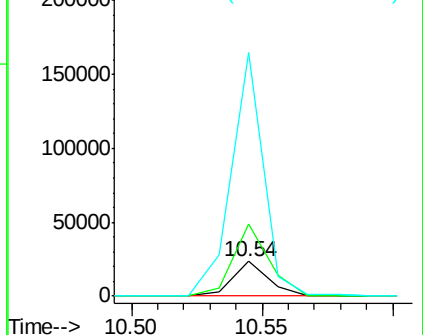


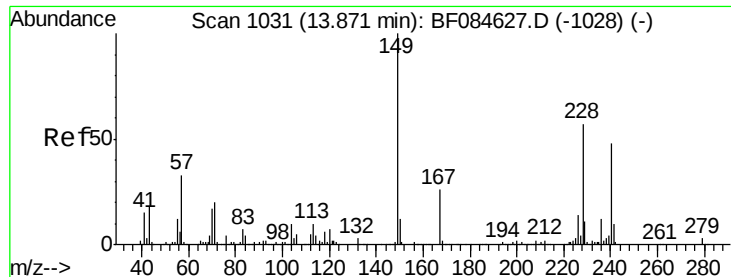
#66
 4-Bromophenyl-phenylether
 Concen: 2.82 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084655.D
 Acq: 30 Jan 2016 00:33

Tgt Ion:248 Resp: 22163
 Ion Ratio Lower Upper
 248 100
 250 209.7 78.4 117.6#
 141 708.4 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: BF084655.D

Acq: 30 Jan 2016 00:33

Instrument :

BNA_F

ClientSampleId :

SUP-B014(30-32)

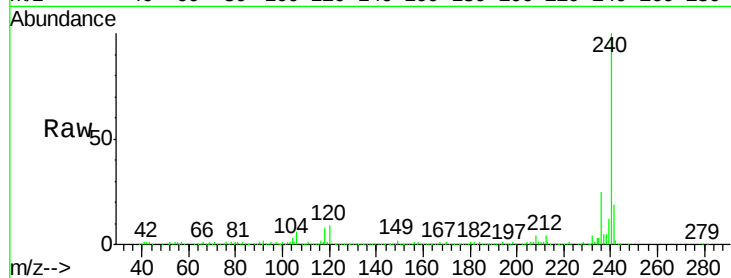
Tgt Ion:240 Resp: 592461

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

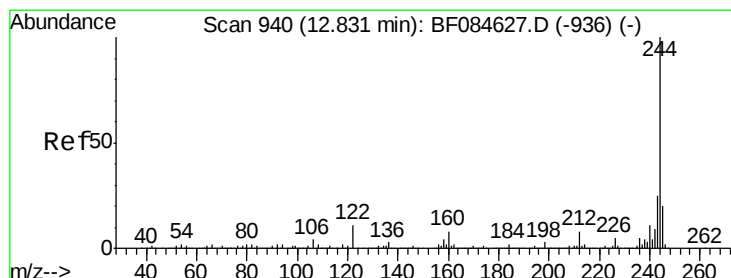
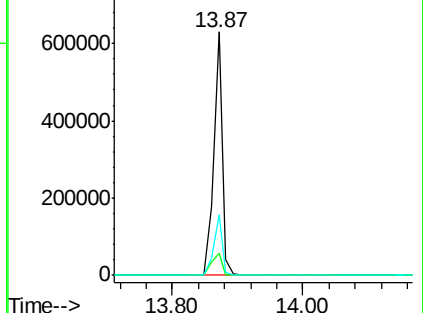
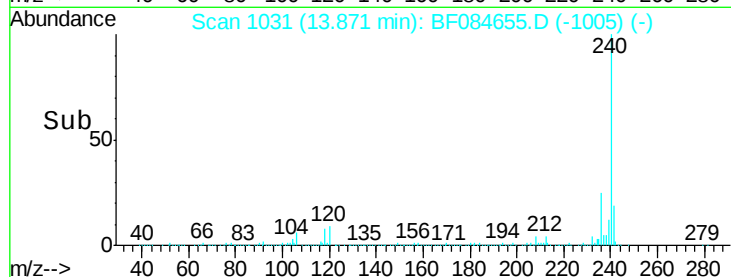
236 25.1 20.6 31.0



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: 57.31 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084655.D

Acq: 30 Jan 2016 00:33

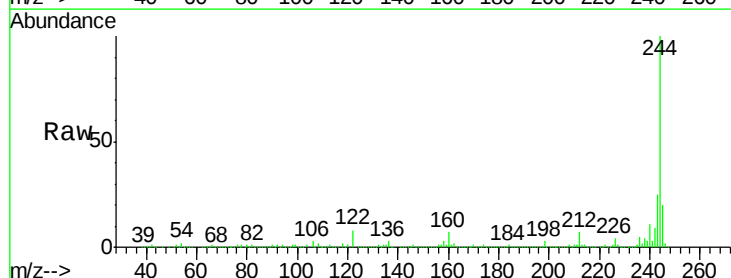
Tgt Ion:244 Resp: 1503341

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

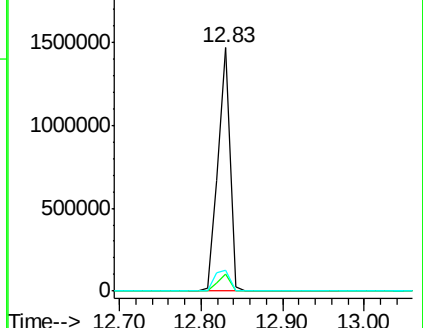
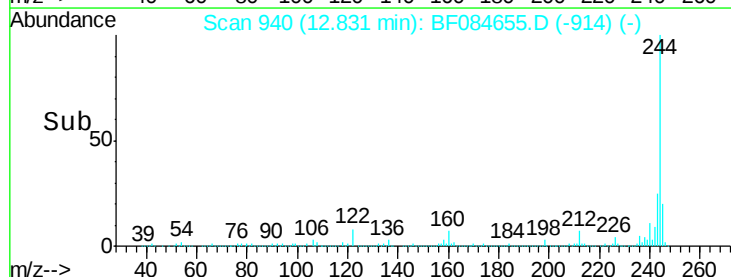
122 8.5 7.4 11.0

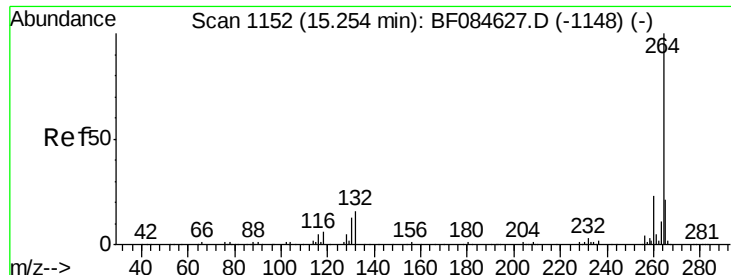


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

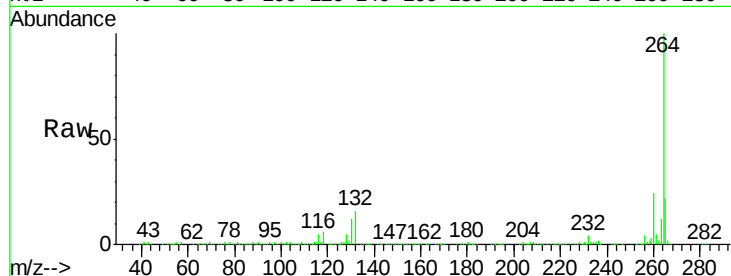




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084655.D
Acq: 30 Jan 2016 00:33

Instrument :
BNA_F
ClientSampleId :
SUP-B014(30-32)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	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

