

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084855.D
 Acq On : 5 Feb 2016 13:08
 Operator : SJ/IZ
 Sample : H1320-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

Quant Time: Feb 05 22:16:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

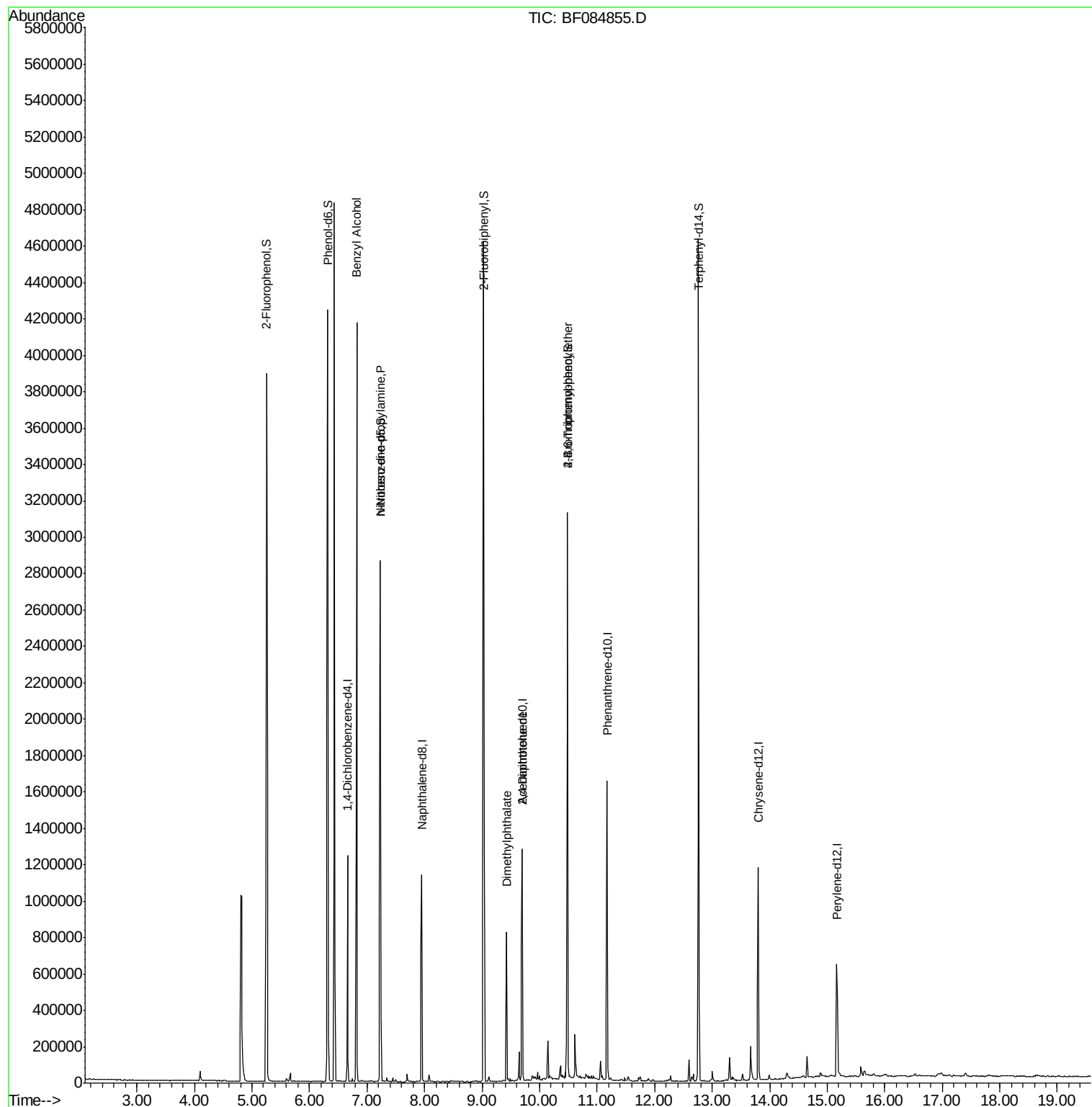
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	160321	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	643984	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	301310	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	572696	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	431757	20.00	ng	-0.03
86) Perylene-d12	15.16	264	302153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1305807	126.87	ng	-0.02
7) Phenol-d6	6.32	99	1542745	120.90	ng	-0.02
23) Nitrobenzene-d5	7.23	82	952948	83.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	447033	142.24	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1544229	86.98	ng	-0.03
78) Terphenyl-d14	12.76	244	1424299	74.75	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	20576	2.34	ng	# 47
19) n-Nitroso-di-n-propylamine	7.23	70	134331	16.79	ng	# 72
49) Dimethylphthalate	9.42	163	292254	12.73	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	37892	5.93	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	30210	4.78	ng	# 1

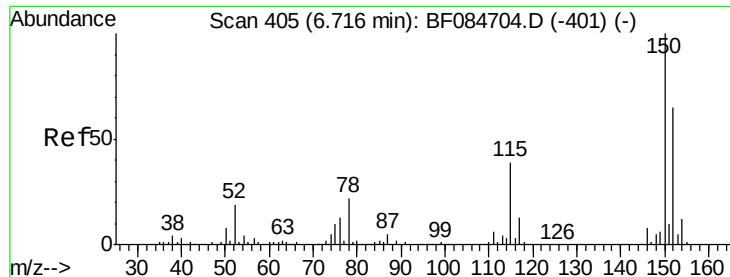
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

S4-B019(15-17)

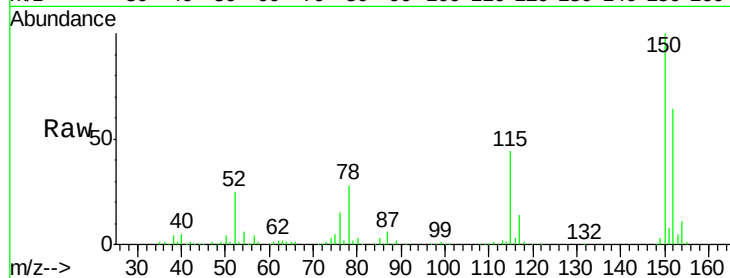
Tgt Ion:152 Resp: 160321

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

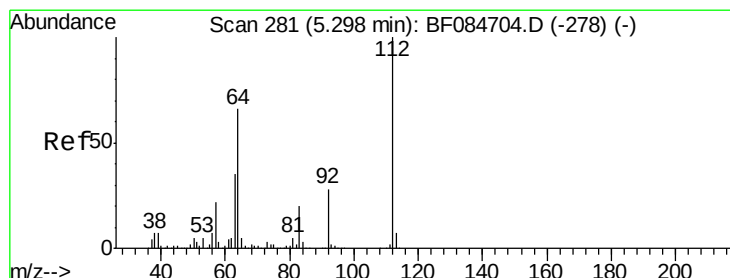
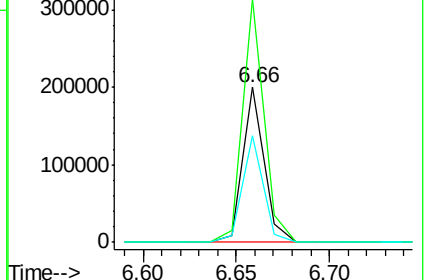
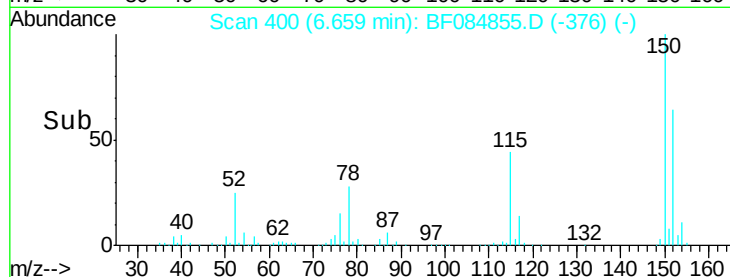
115 69.2 51.4 77.2



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: 126.87 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

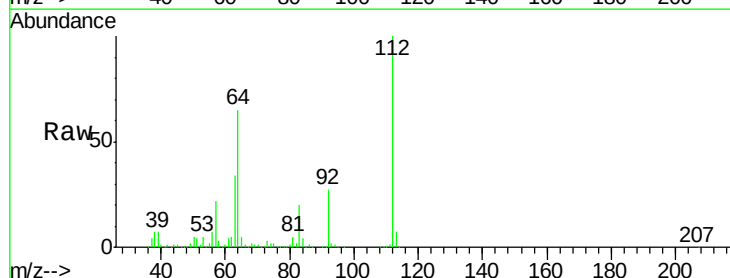
Tgt Ion:112 Resp: 1305807

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

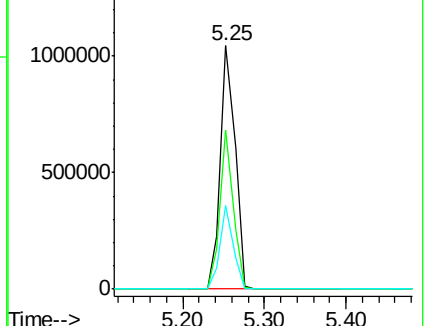
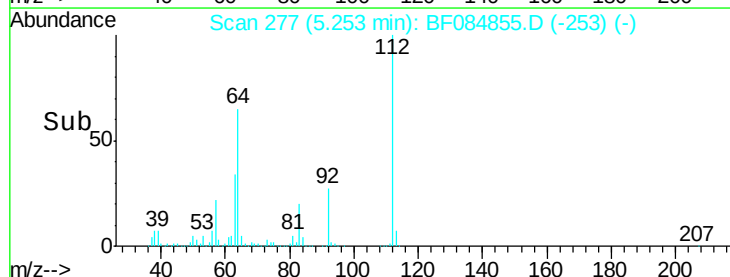
63 34.1 19.4 29.0#

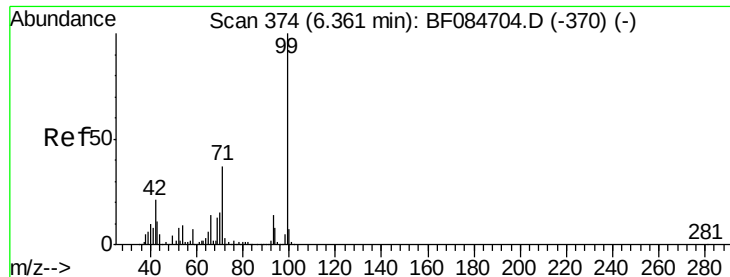


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.90 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Instrument :

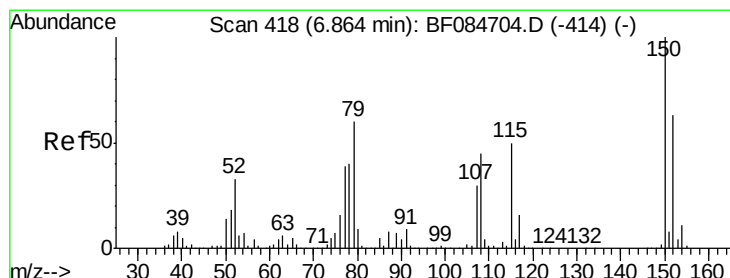
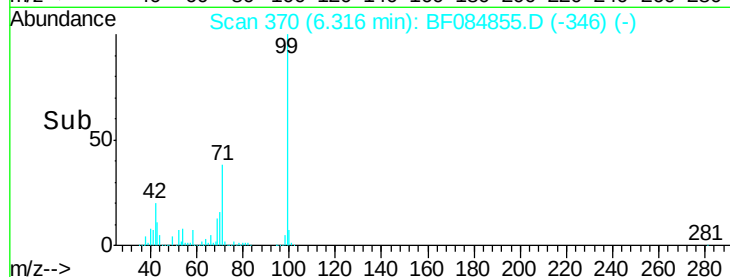
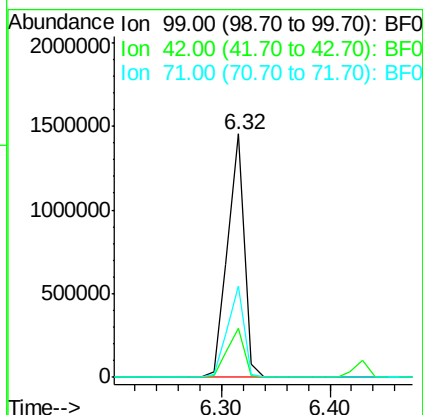
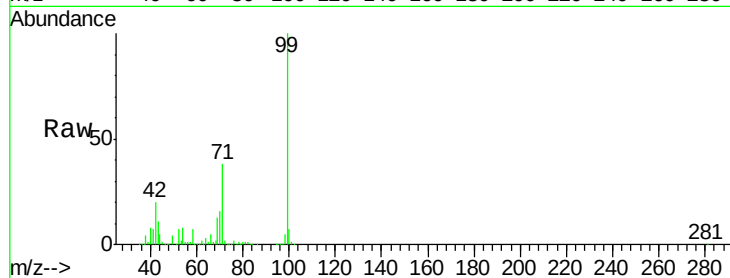
BNA_F

ClientSampleId :

S4-B019(15-17)

Tgt Ion: 99 Resp: 1542745

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	37.8	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.82 min Scan# 414

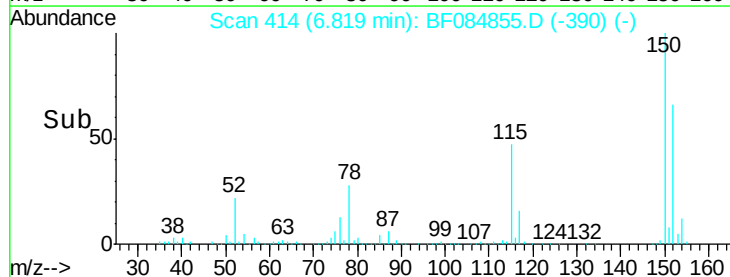
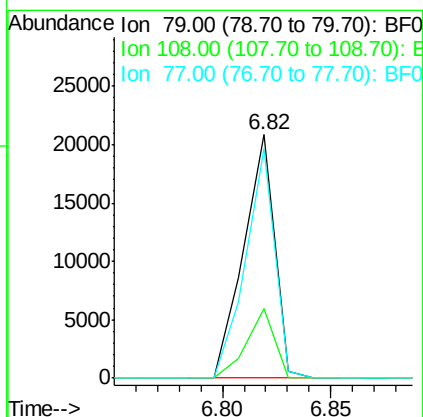
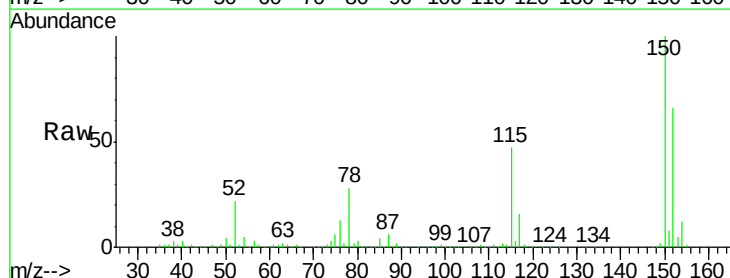
Delta R.T. -0.02 min

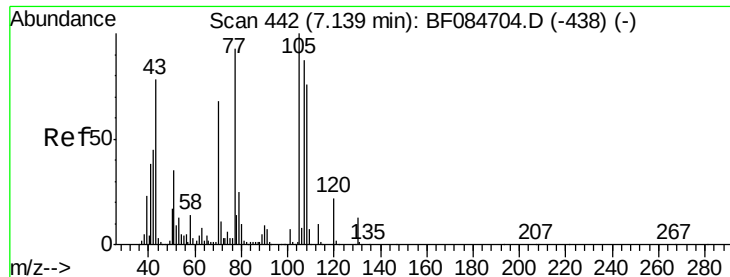
Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Tgt Ion: 79 Resp: 20576

Ion	Ratio	Lower	Upper
79	100		
108	28.7	69.0	103.4#
77	94.1	50.0	75.0#

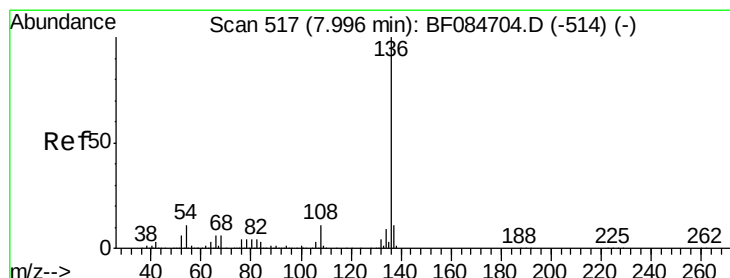
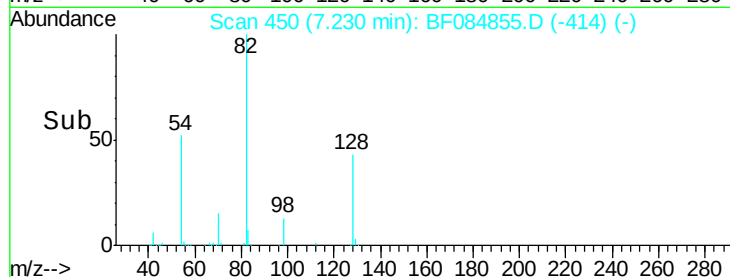
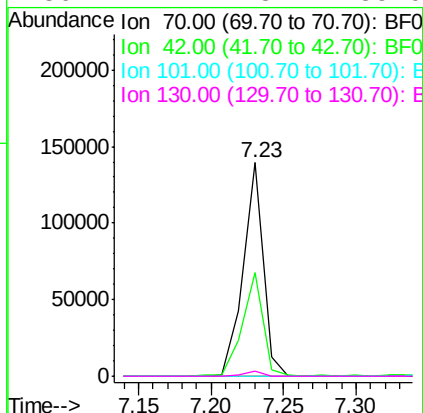
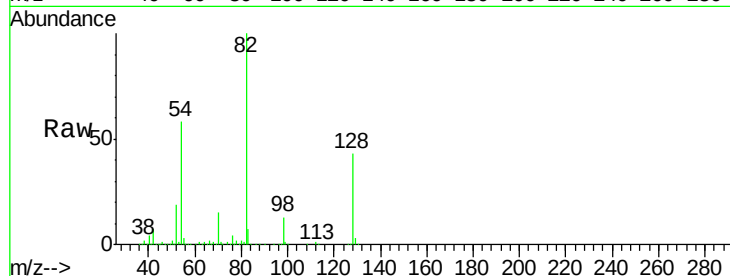




#19
n-Nitroso-di-n-propylamine
Concen: 16.79 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084855.D
Acq: 5 Feb 2016 13:08

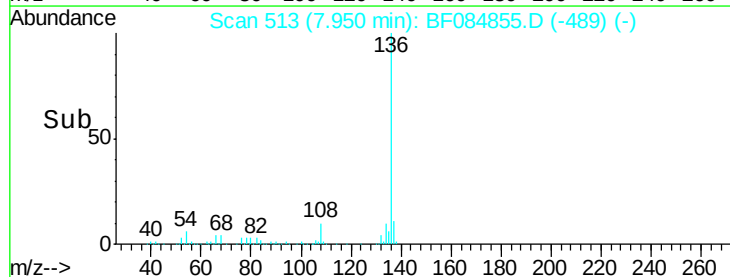
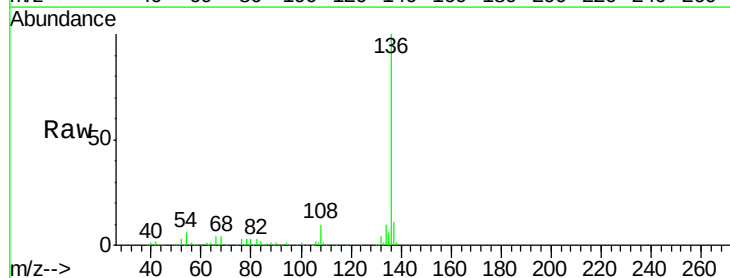
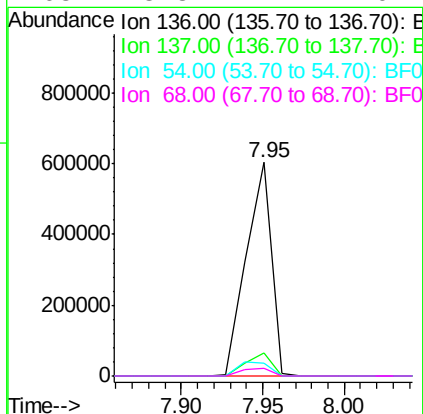
Instrument :
BNA_F
ClientSampleId :
S4-B019(15-17)

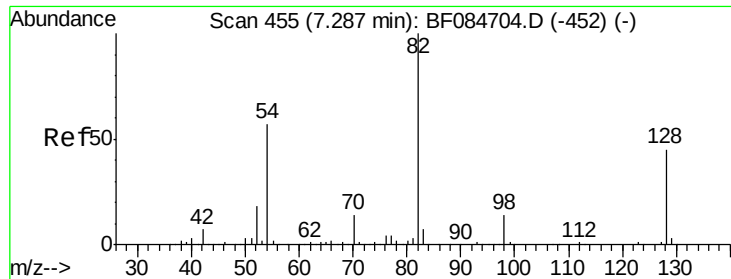
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084855.D
Acq: 5 Feb 2016 13:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.3	5.8	8.8
68	3.8	4.2	6.2#

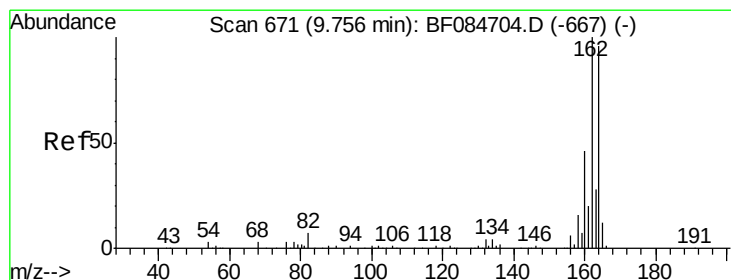
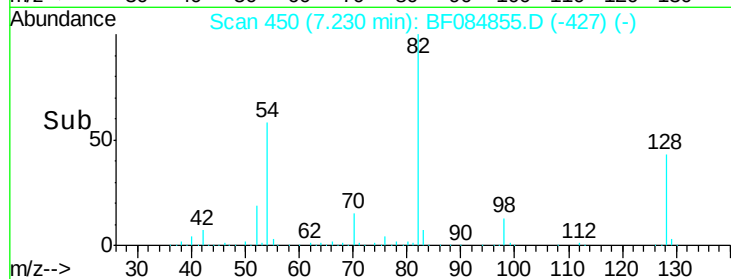
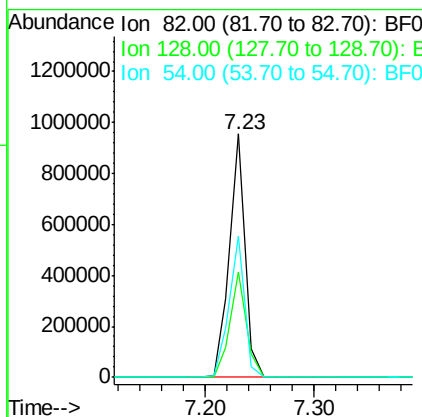
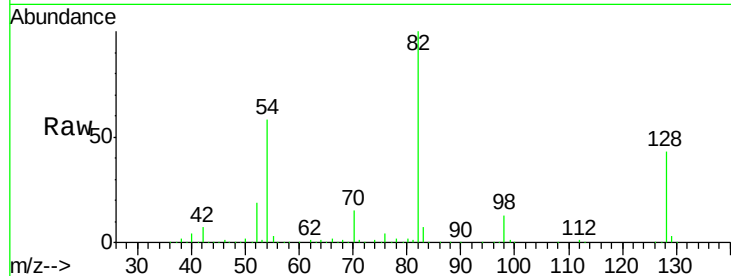




#23
 Nitrobenzene-d5
 Concen: 83.36 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

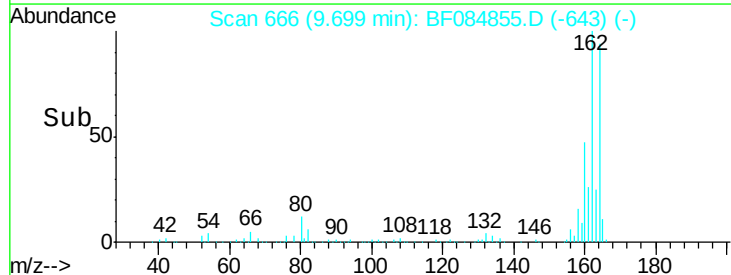
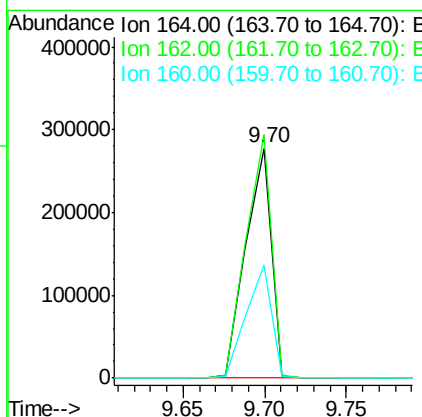
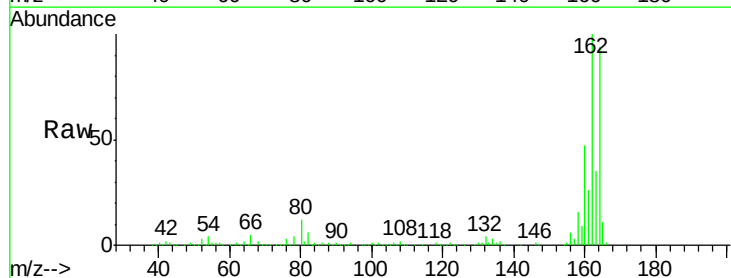
Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

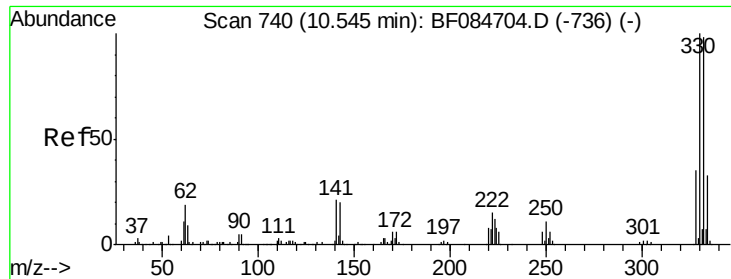
Tgt Ion: 82 Resp: 952948
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 57.8 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

Tgt Ion: 164 Resp: 301310
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 49.4 37.5 56.3

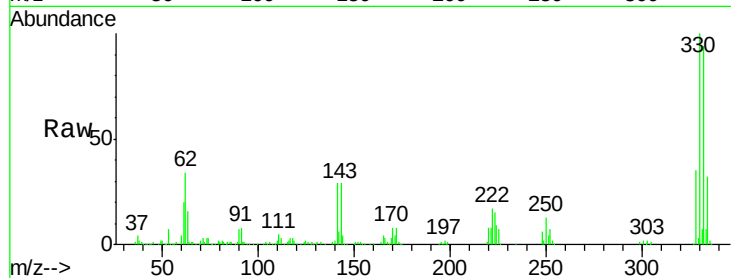




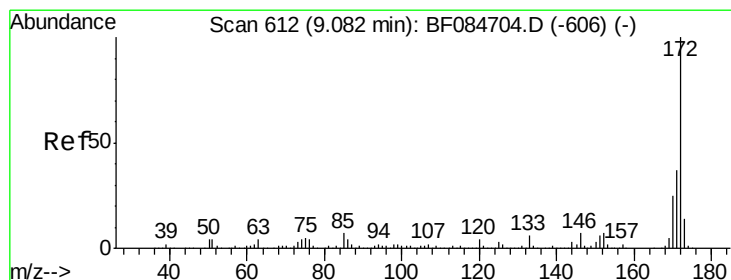
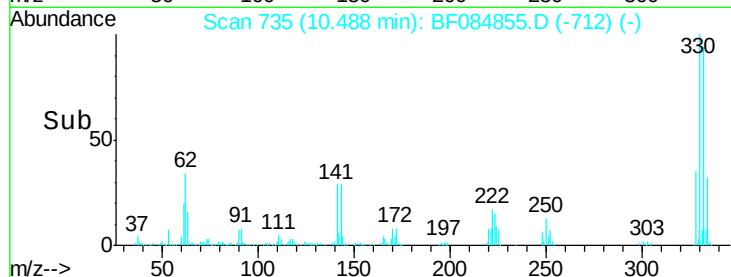
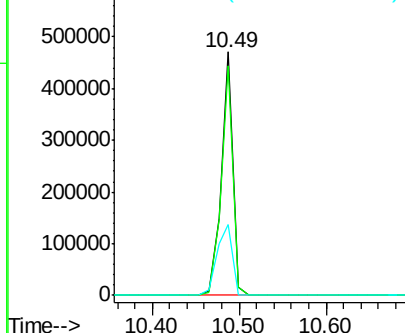
#41
 2,4,6-Tribromophenol
 Concen: 142.24 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

Tgt Ion:330 Resp: 447033
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 38.5 27.8 41.6

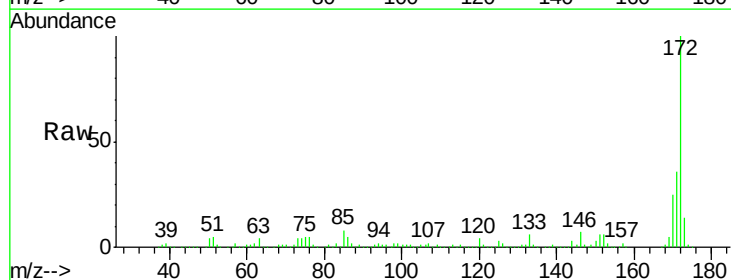


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

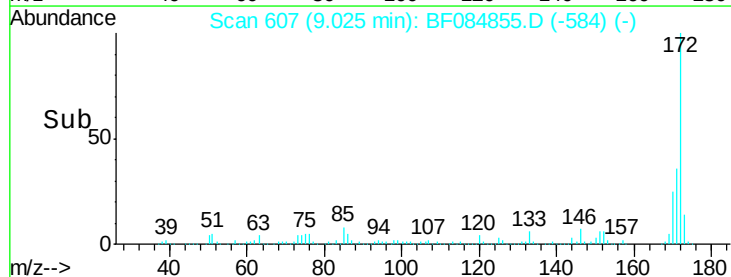
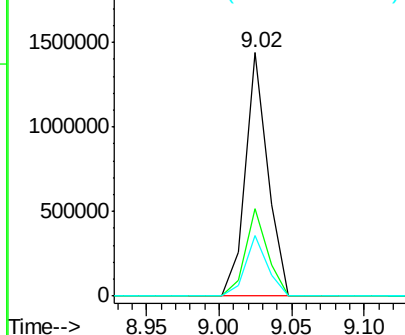


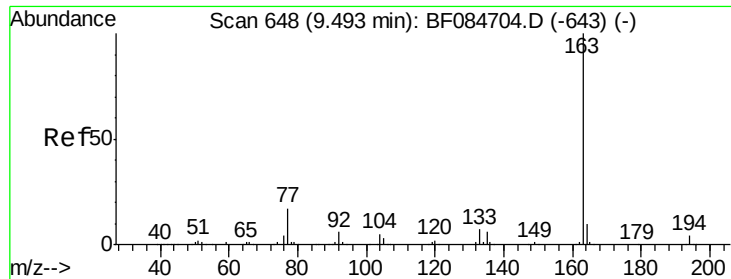
#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084855.D
 Acq: 5 Feb 2016 13:08

Tgt Ion:172 Resp: 1544229
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 25.0 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: 12.73 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

S4-B019(15-17)

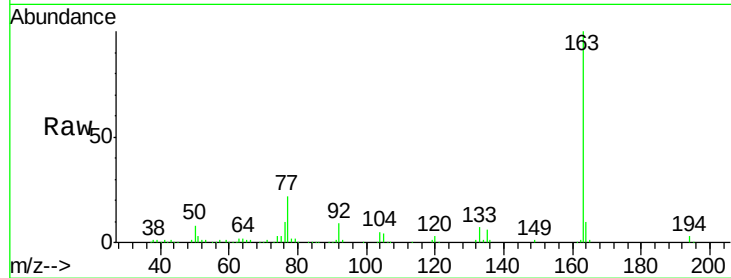
Tgt Ion:163 Resp: 292254

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

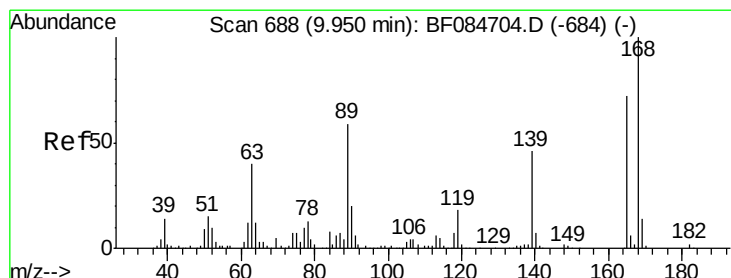
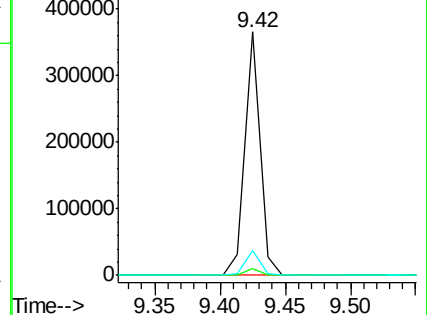
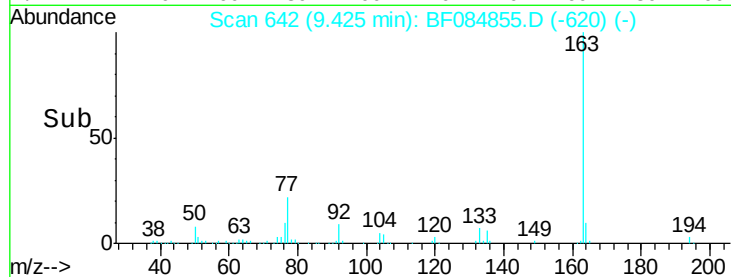
164 10.3 8.0 12.0



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: 5.93 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.23 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Tgt Ion:165 Resp: 37892

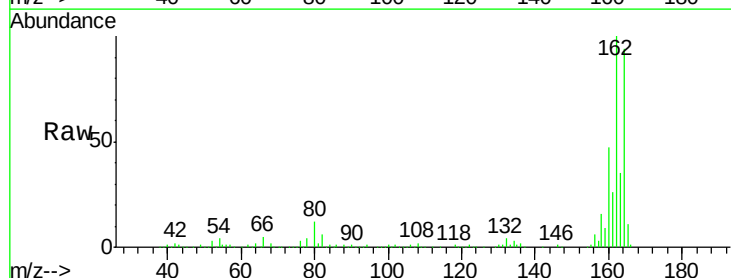
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

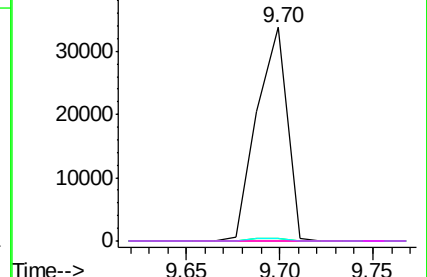
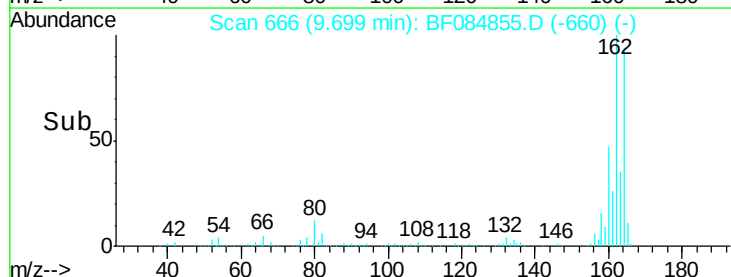


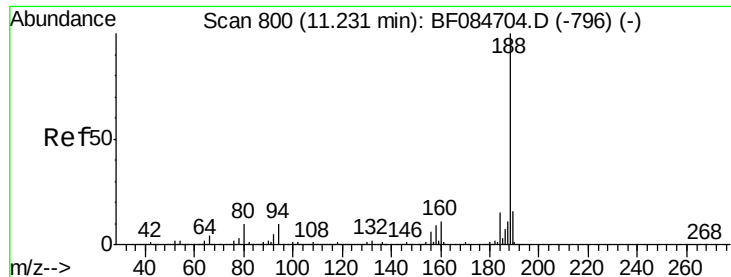
Abundance Ion 165.00 (164.70 to 165.70): E

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

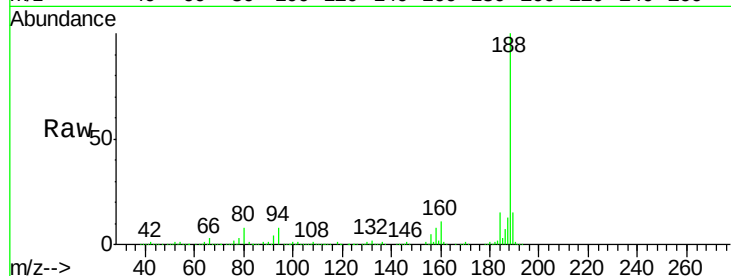




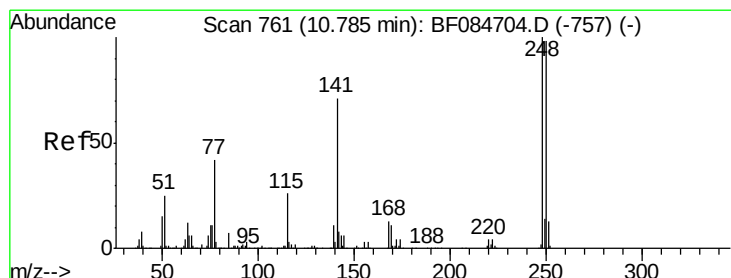
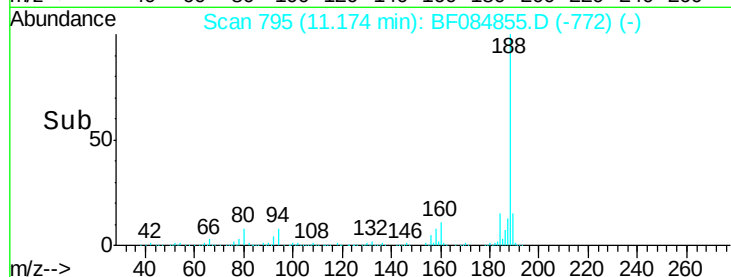
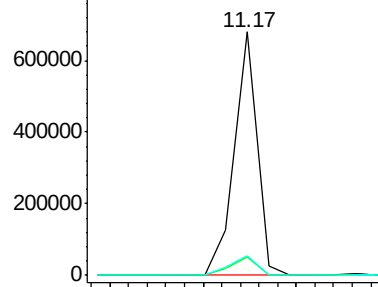
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084855.D
Acq: 5 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
S4-B019(15-17)

Tgt Ion:188 Resp: 572696
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.4#
80 8.0 9.6 14.4#

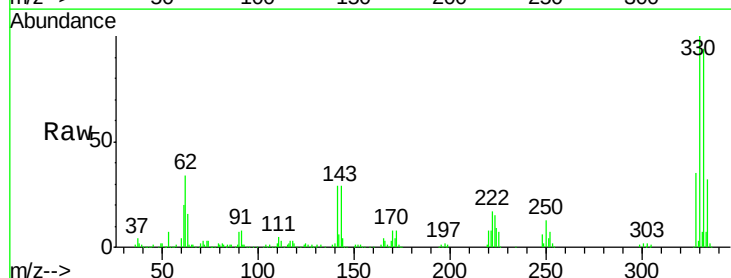


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

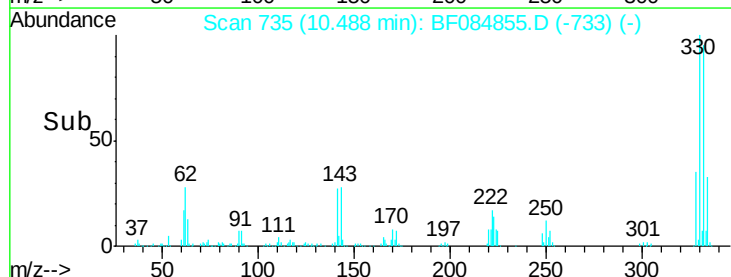
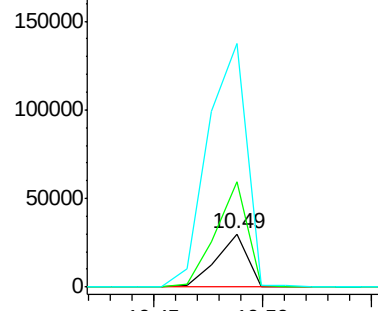


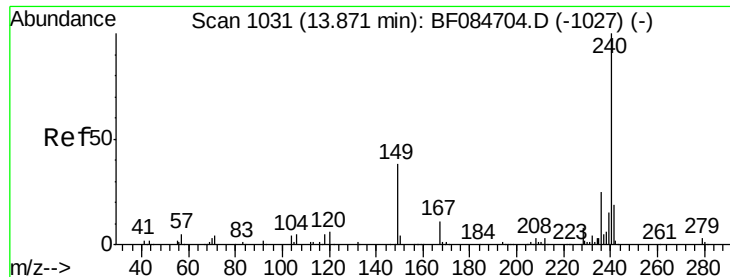
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084855.D
Acq: 5 Feb 2016 13:08

Tgt Ion:248 Resp: 30210
Ion Ratio Lower Upper
248 100
250 198.2 78.4 117.6#
141 458.4 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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

S4-B019(15-17)

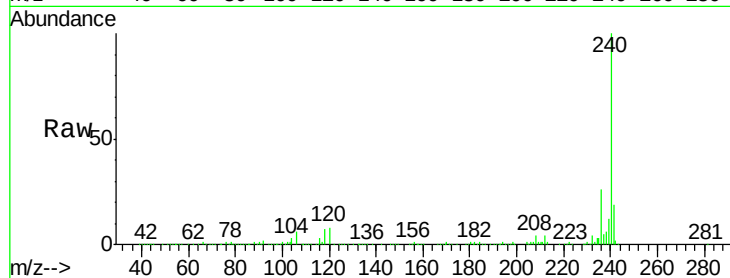
Tgt Ion:240 Resp: 431757

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

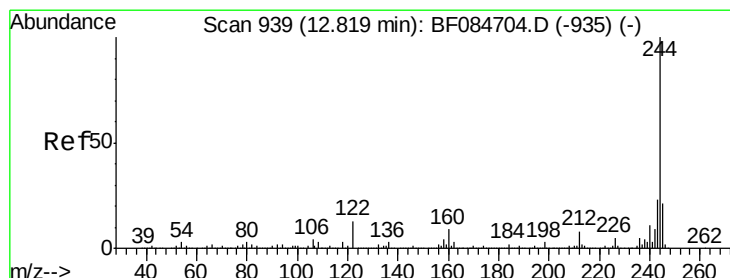
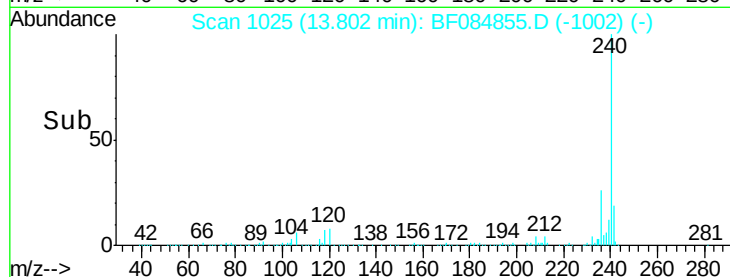
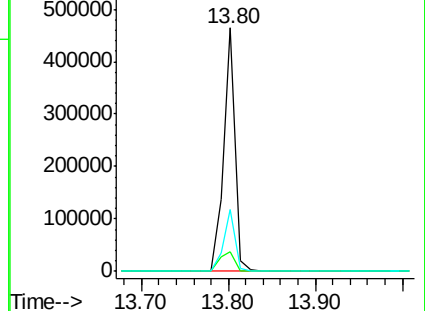
236 25.6 20.6 31.0



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: 74.75 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084855.D

Acq: 5 Feb 2016 13:08

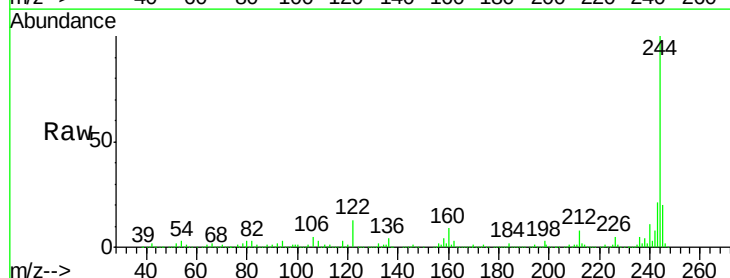
Tgt Ion:244 Resp: 1424299

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

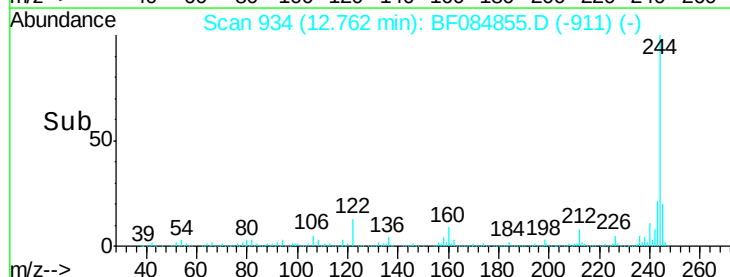
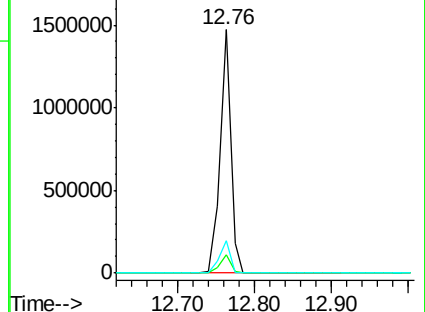
122 13.3 7.4 11.0#

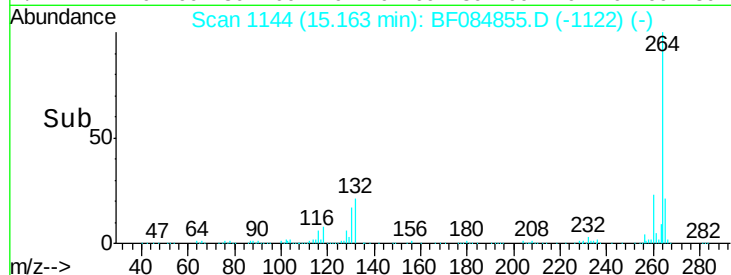
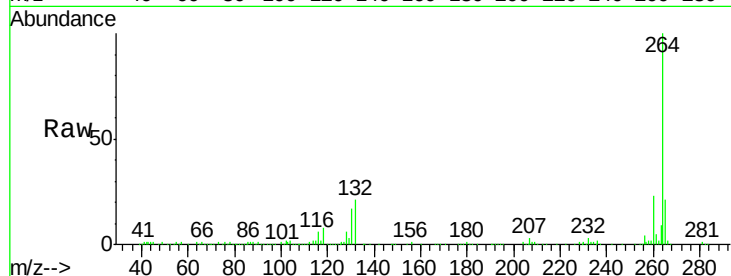
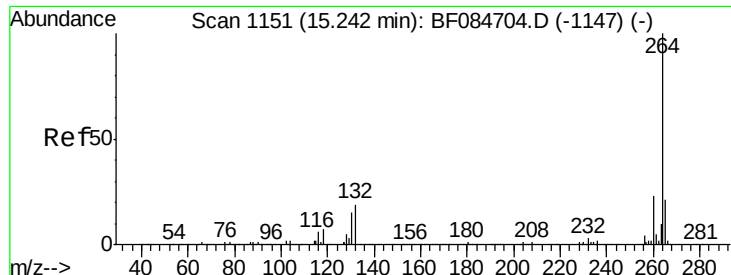


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084855.D
Acq: 5 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
S4-B019(15-17)

Tgt Ion:	264	Resp:	302153
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.2	17.8	26.6

