

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084862.D
 Acq On : 5 Feb 2016 16:23
 Operator : SJ/IZ
 Sample : H1311-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)

Quant Time: Feb 05 22:18:39 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

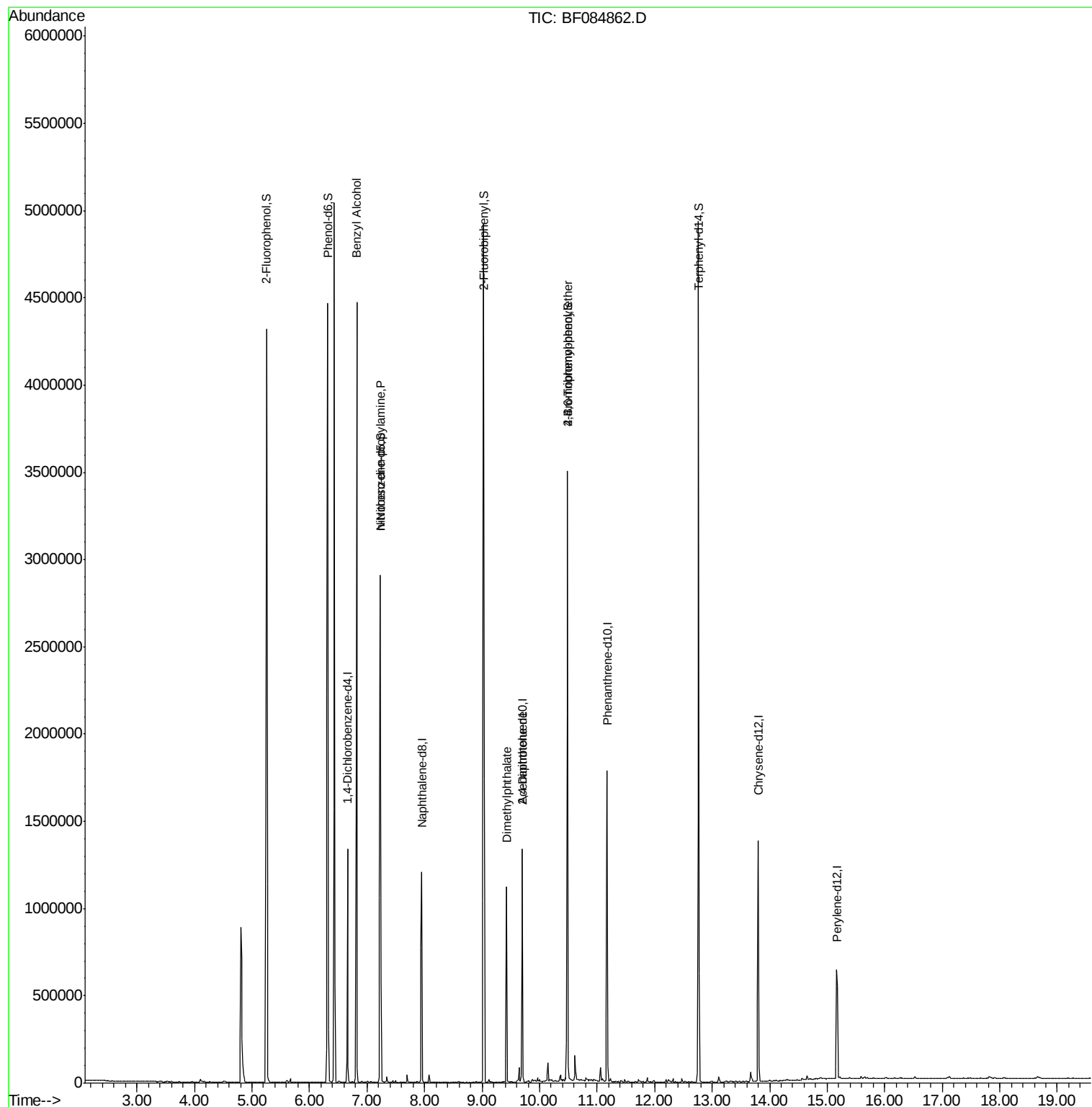
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174293	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	701730	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	326551	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	611077	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	491502	20.00	ng	-0.03
86) Perylene-d12	15.17	264	331488	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1371557	122.57	ng	-0.02
7) Phenol-d6	6.32	99	1663141	119.89	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1050919	84.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	483841	142.05	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1759711	94.15	ng	-0.03
78) Terphenyl-d14	12.76	244	1573319	72.54	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	20727	2.16	ng	# 43
19) n-Nitroso-di-n-propylamine	7.23	70	144037	16.56	ng	# 72
49) Dimethylphthalate	9.42	163	395302	15.89	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	41197	5.94	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	33111	4.91	ng	# 1

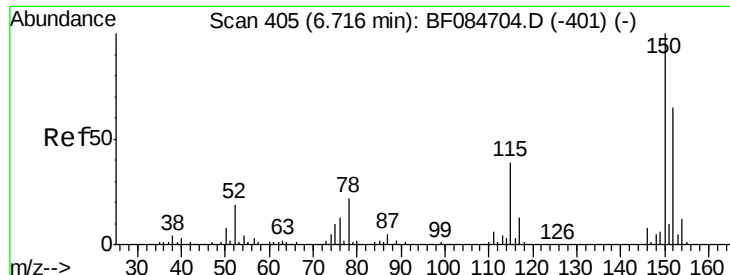
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 05 22:18:39 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084862.D

Acq: 5 Feb 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)

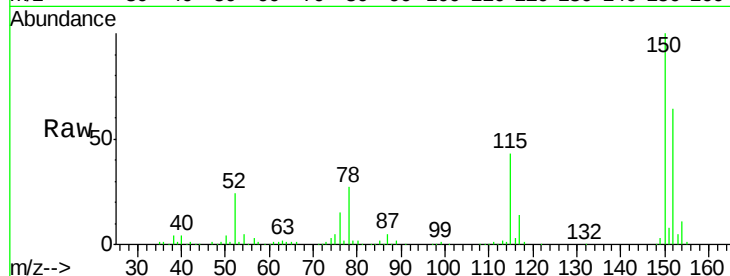
Tgt Ion:152 Resp: 174293

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

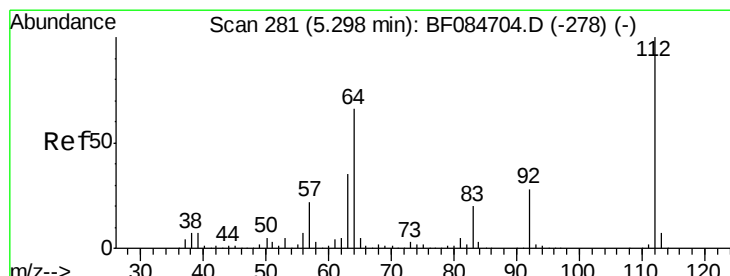
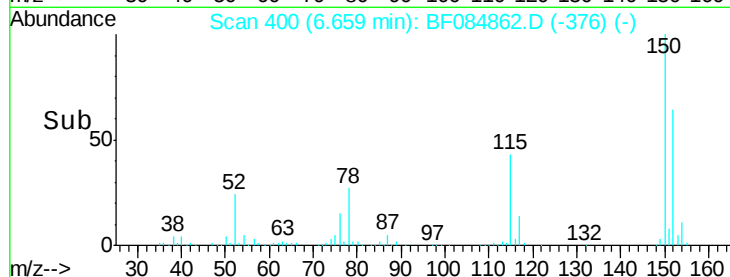
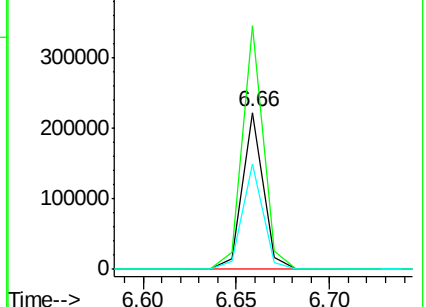
115 67.4 51.4 77.2



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: 122.57 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084862.D

Acq: 5 Feb 2016 16:23

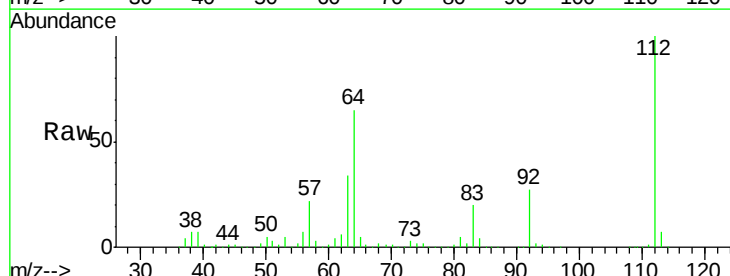
Tgt Ion:112 Resp: 1371557

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

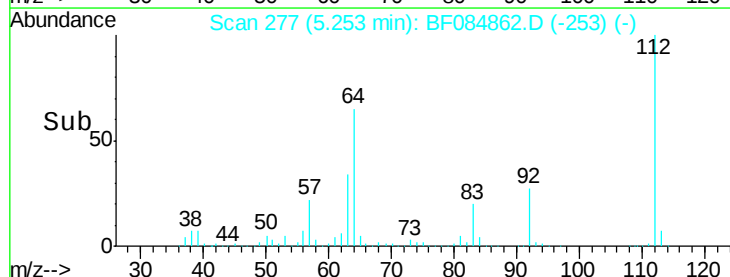
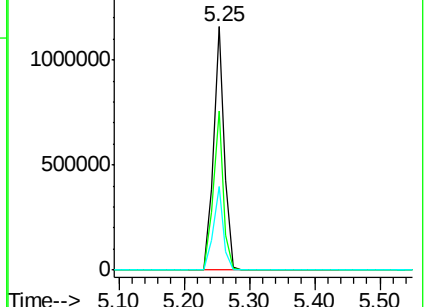
63 34.5 19.4 29.0#

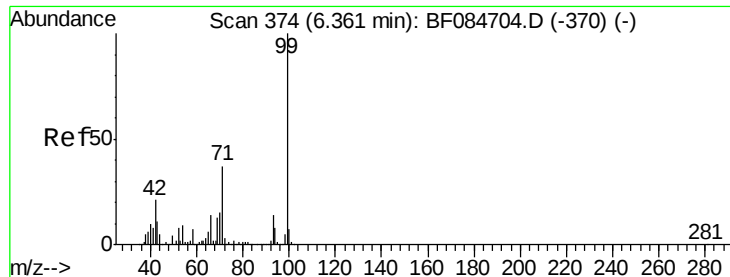


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.89 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084862.D

Acq: 5 Feb 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)

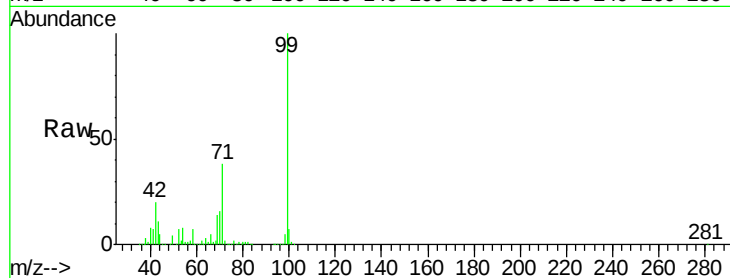
Tgt Ion: 99 Resp: 1663141

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

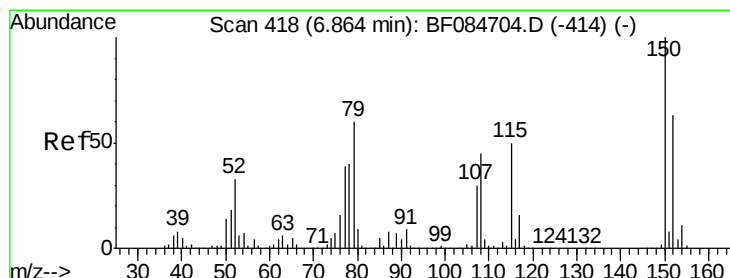
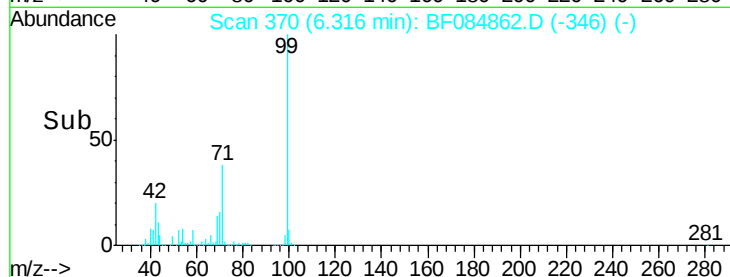
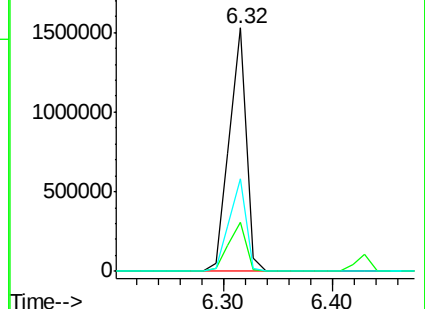
71 37.8 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084862.D

Acq: 5 Feb 2016 16:23

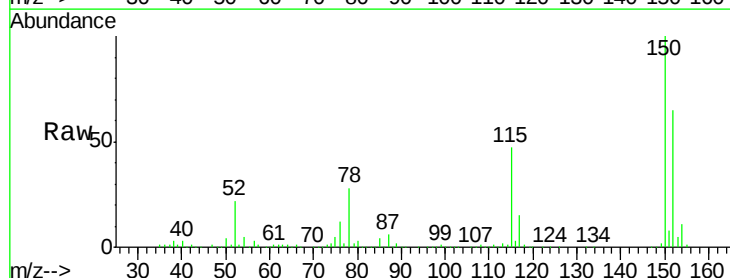
Tgt Ion: 79 Resp: 20727

Ion Ratio Lower Upper

79 100

108 36.0 69.0 103.4#

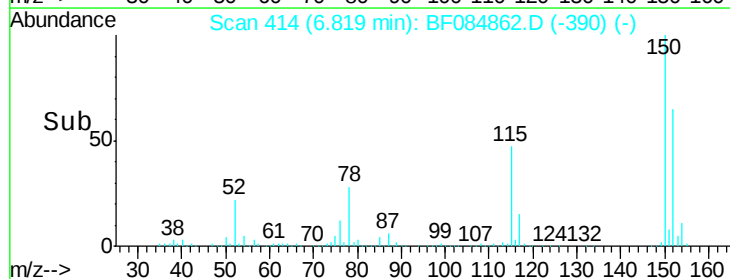
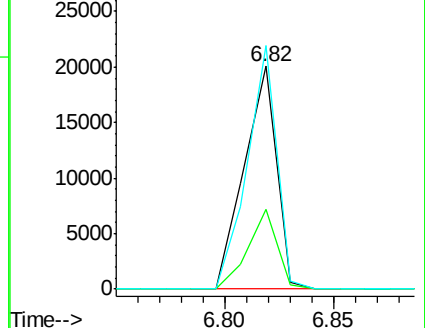
77 109.2 50.0 75.0#

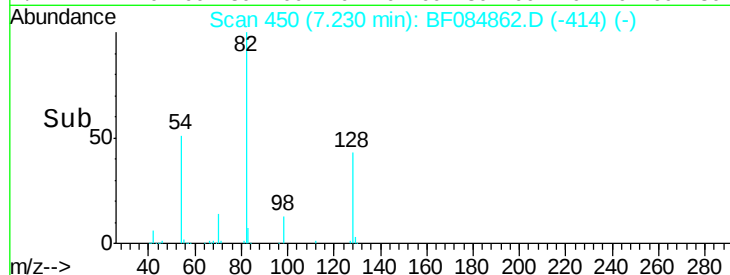
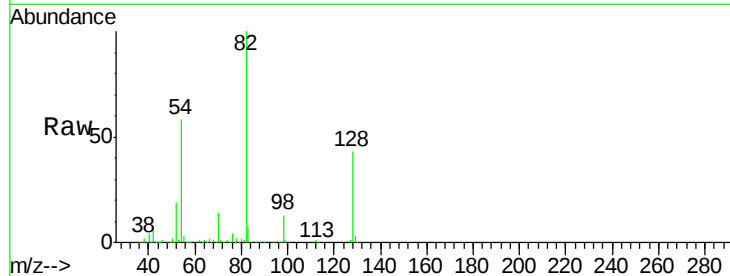
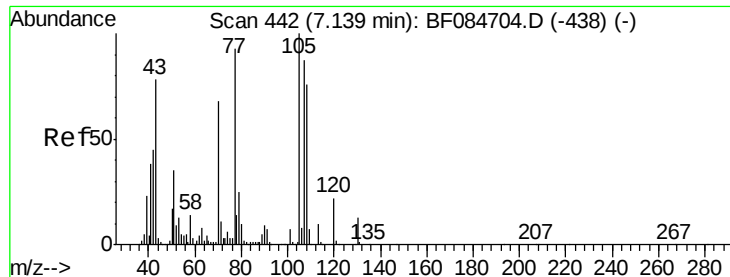


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

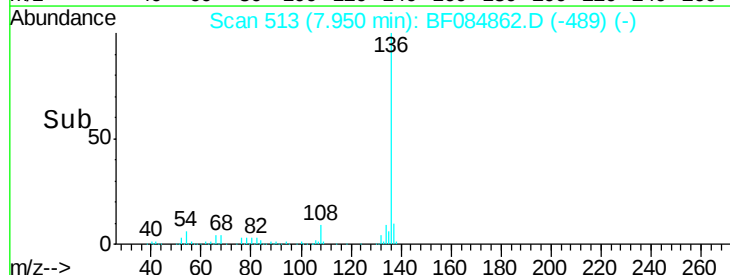
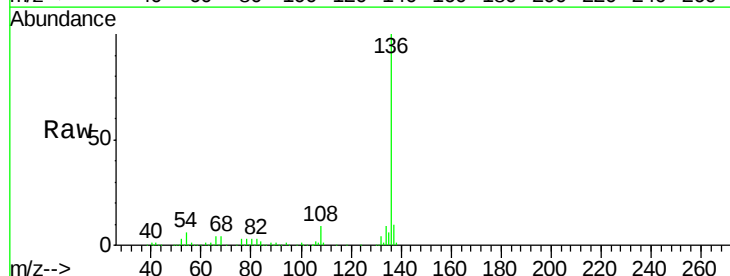
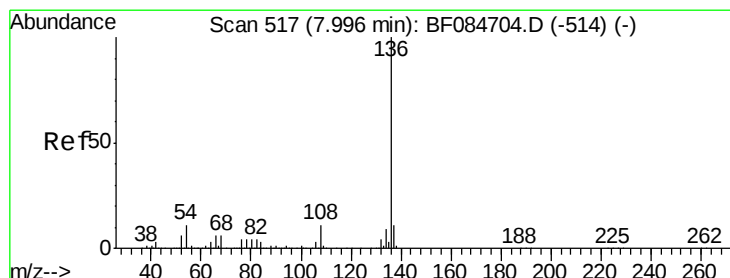
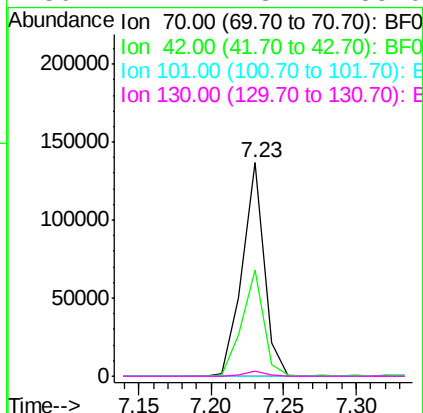




#19
n-Nitroso-di-n-propylamine
Concen: 16.56 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084862.D
Acq: 5 Feb 2016 16:23

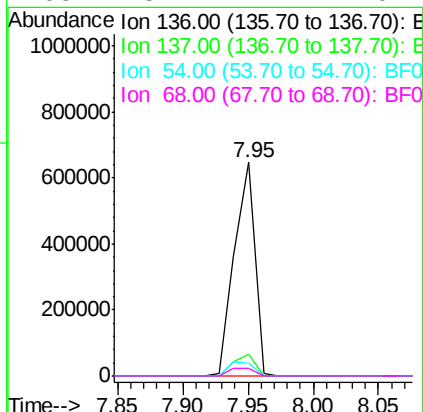
Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)

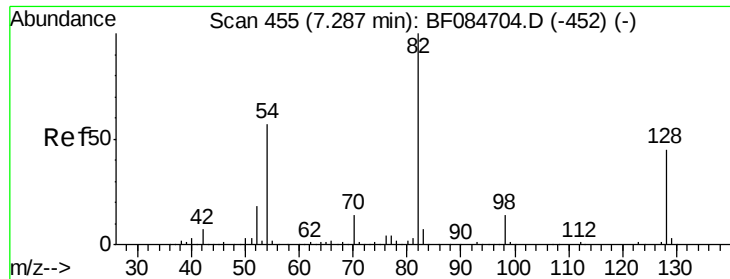
Tgt Ion:	70	Resp:	144037
Ion	Ratio	Lower	Upper
70	100		
42	49.6	33.3	49.9
101	0.0	9.3	13.9#
130	2.4	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084862.D
Acq: 5 Feb 2016 16:23

Tgt Ion:	136	Resp:	701730
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.2	5.8	8.8
68	3.7	4.2	6.2#

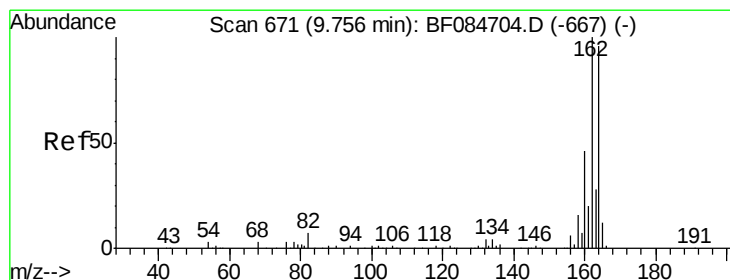
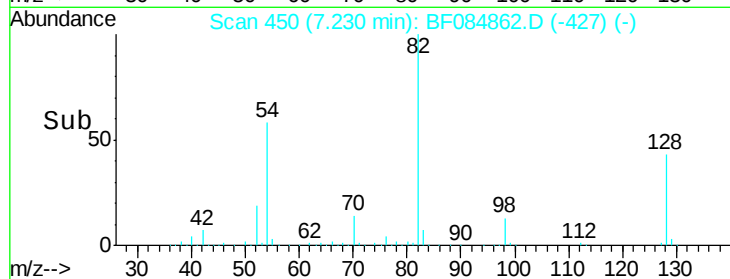
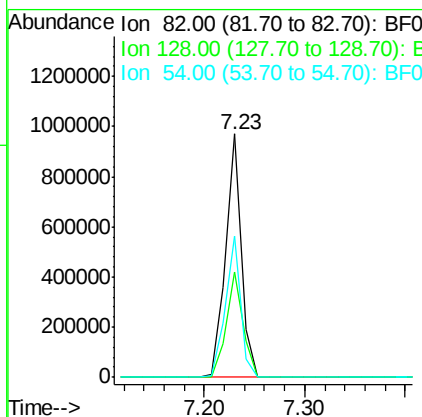
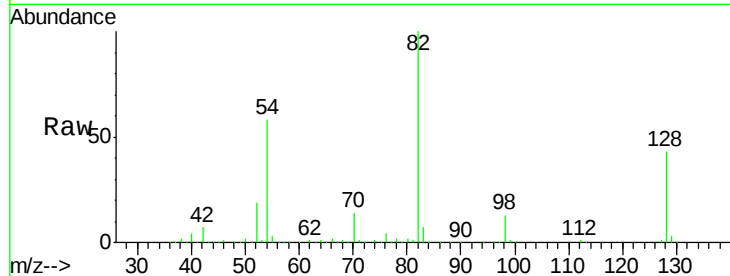




#23
 Nitrobenzene-d5
 Concen: 84.36 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084862.D
 Acq: 5 Feb 2016 16:23

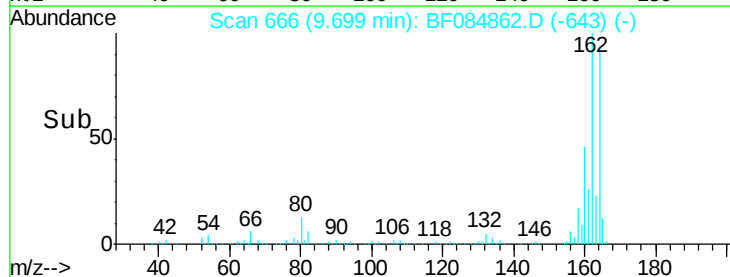
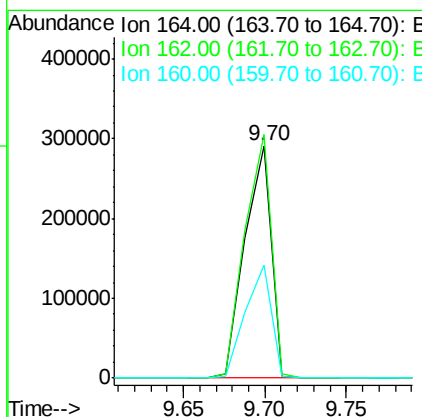
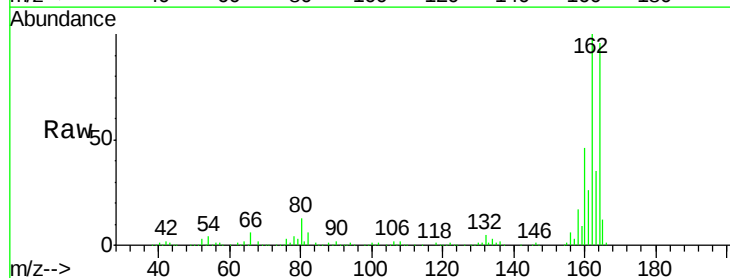
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)

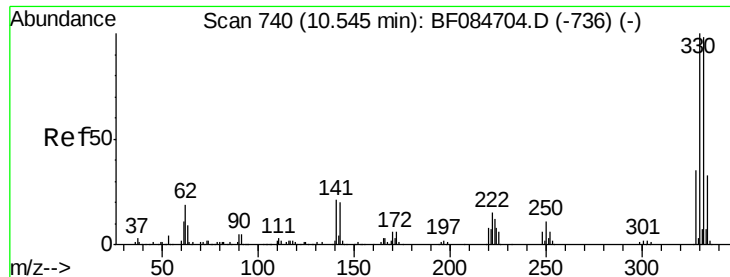
Tgt Ion: 82 Resp: 1050919
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 51.8
 54 57.7 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084862.D
 Acq: 5 Feb 2016 16:23

Tgt Ion: 164 Resp: 326551
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.1 127.7
 160 48.5 37.5 56.3

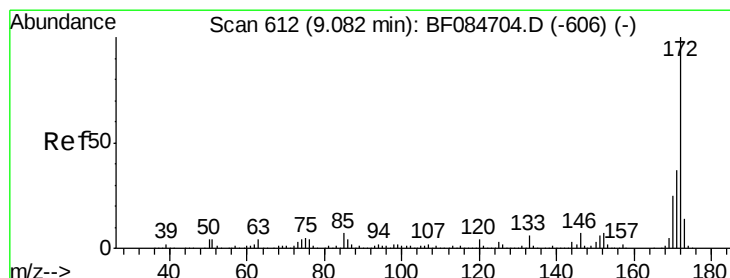
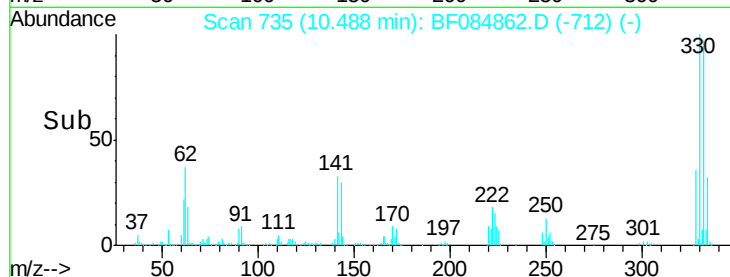
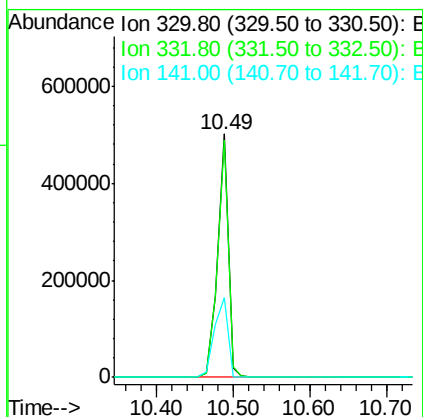
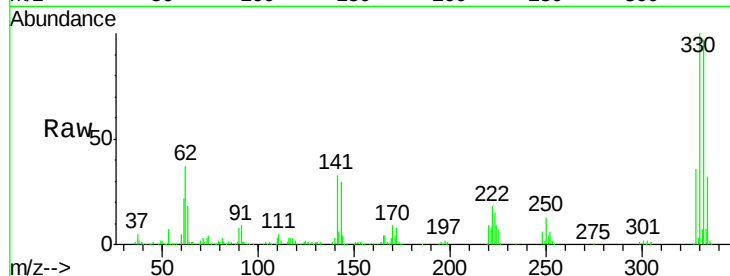




#41
 2,4,6-Tribromophenol
 Concen: 142.05 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084862.D
 Acq: 5 Feb 2016 16:23

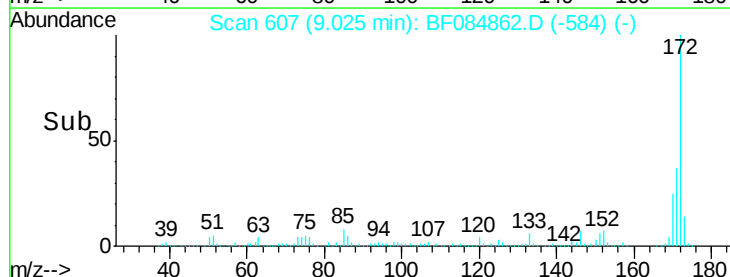
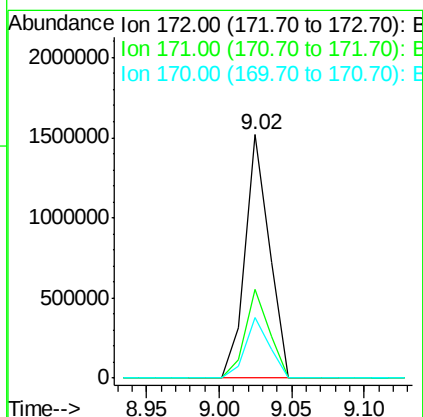
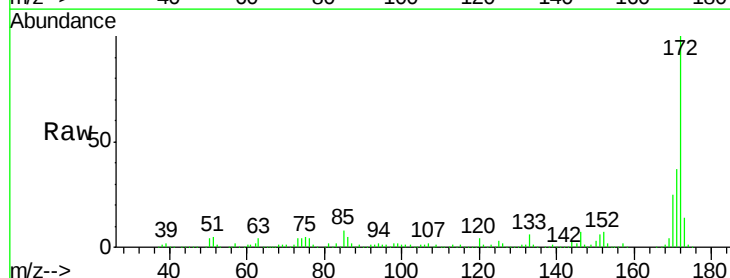
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(25-27)

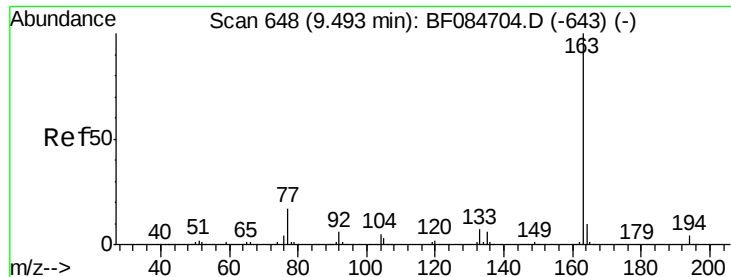
Tgt Ion:330 Resp: 483841
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 40.8 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 94.15 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084862.D
 Acq: 5 Feb 2016 16:23

Tgt Ion:172 Resp: 1759711
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 25.1 18.6 27.8

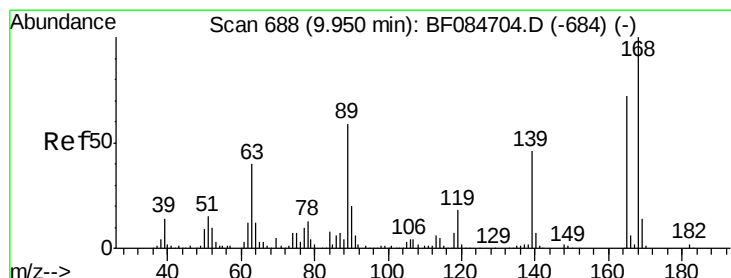
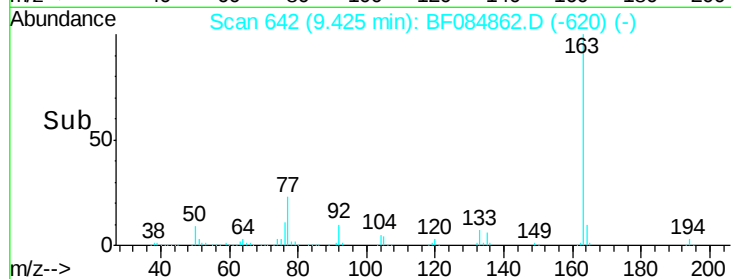
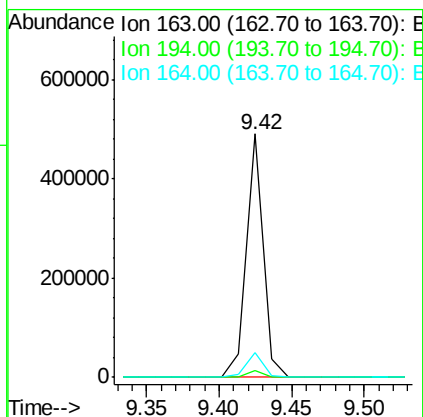
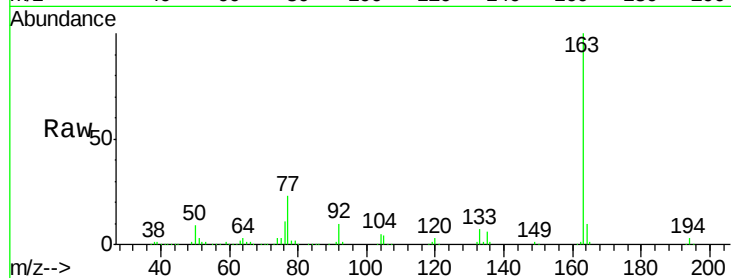




#49
Dimethylphthalate
Concen: 15.89 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084862.D
Acq: 5 Feb 2016 16:23

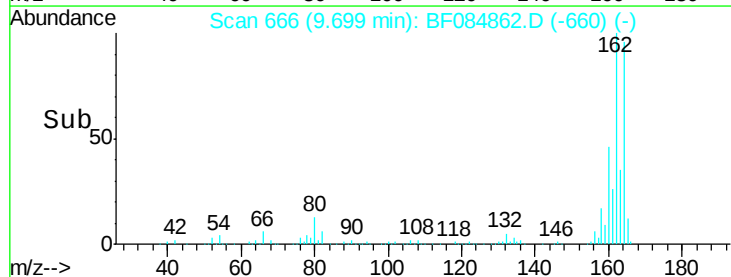
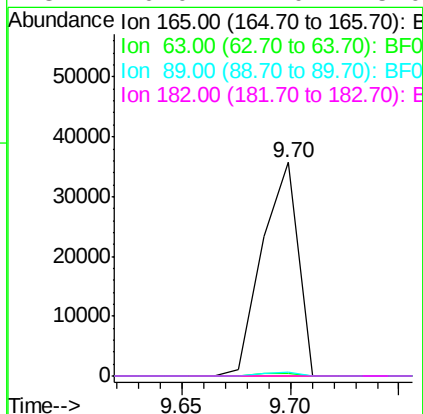
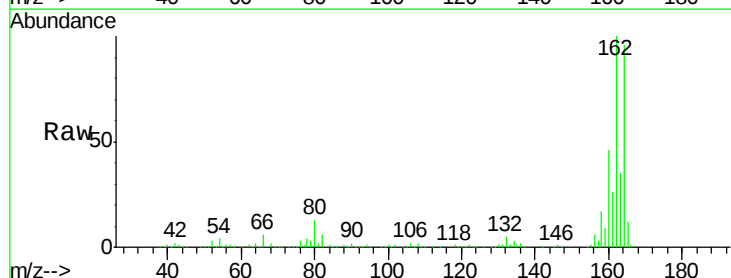
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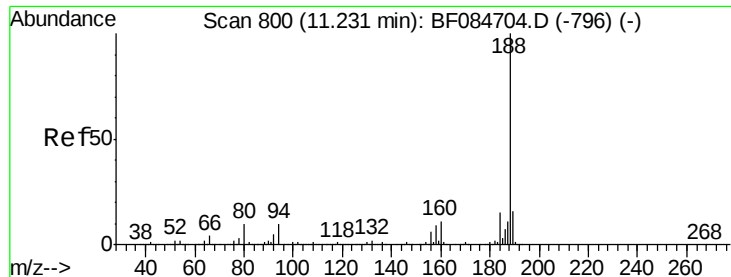
Tgt Ion:163 Resp: 395302
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.3 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084862.D
Acq: 5 Feb 2016 16:23

Tgt Ion:165 Resp: 41197
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.7 61.9 92.9#
182 0.0 2.0 3.0#

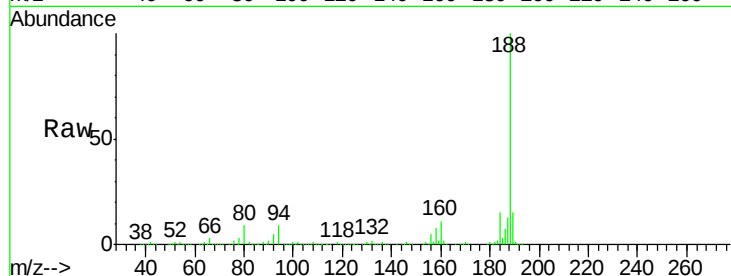




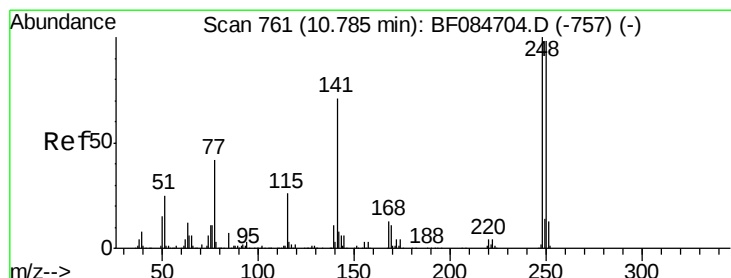
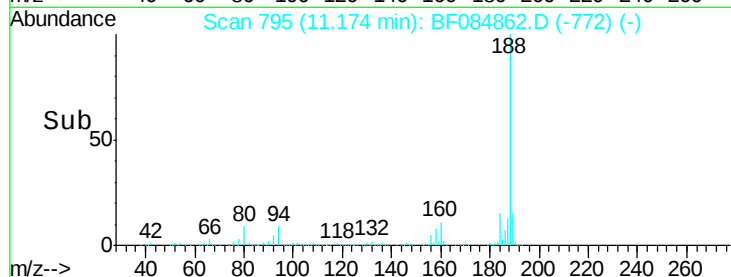
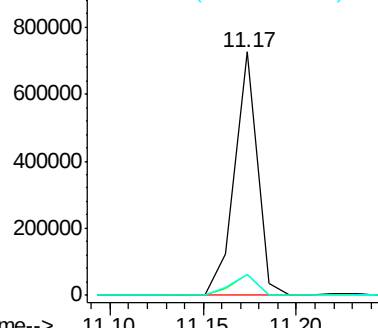
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084862.D
Acq: 5 Feb 2016 16:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)

Tgt Ion:188 Resp: 611077
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 8.7 9.6 14.4#

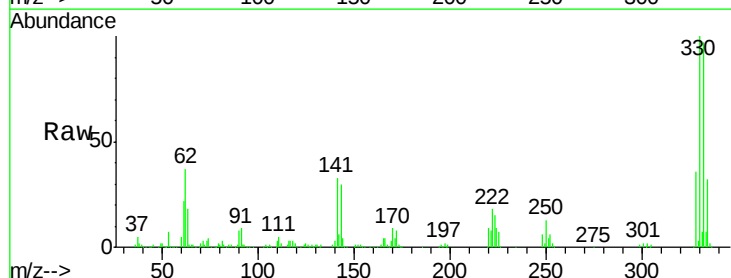


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

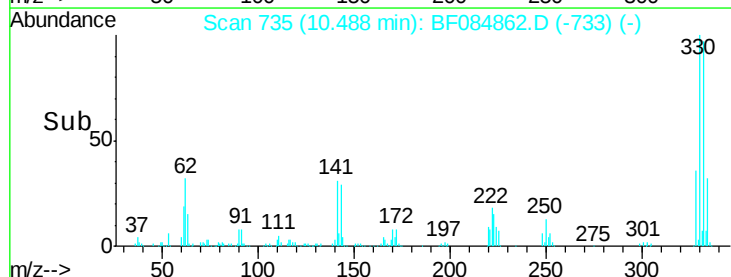
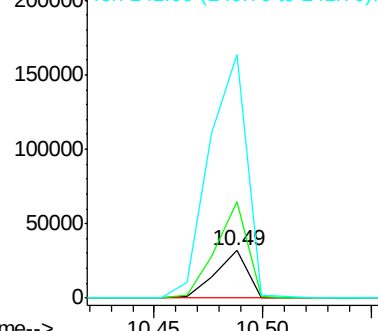


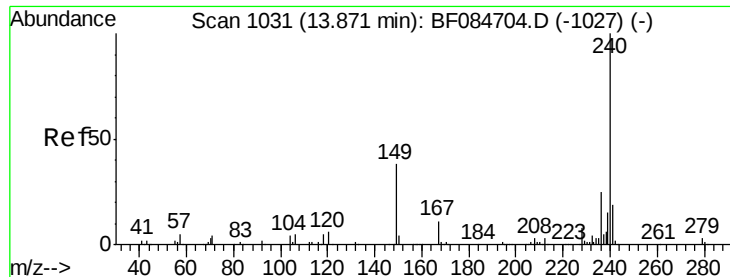
#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084862.D
Acq: 5 Feb 2016 16:23

Tgt Ion:248 Resp: 33111
Ion Ratio Lower Upper
248 100
250 201.1 78.4 117.6#
141 510.0 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: BF084862.D

Acq: 5 Feb 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SUP-B017(25-27)

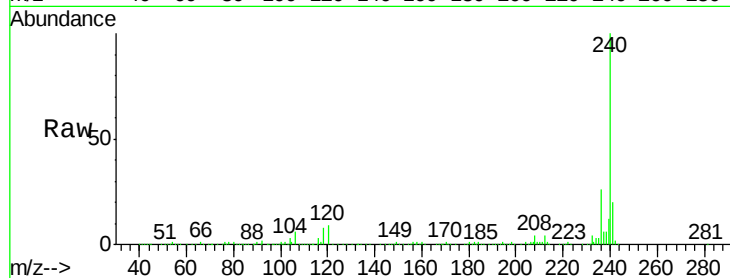
Tgt Ion:240 Resp: 491502

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

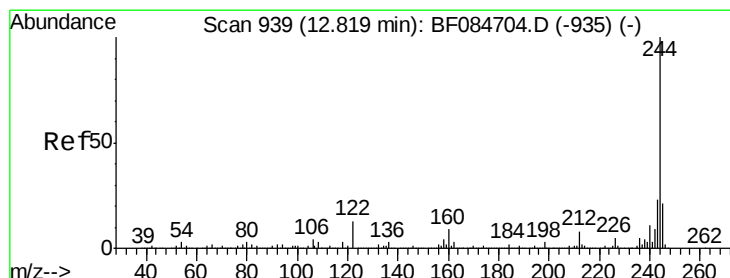
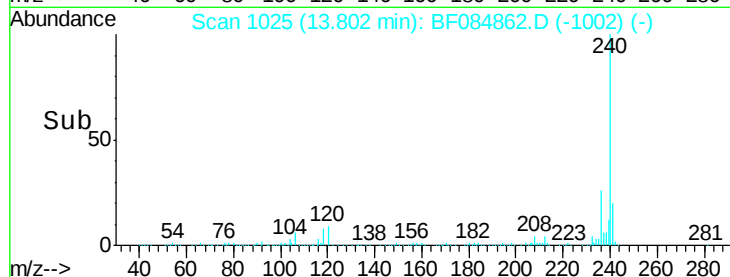
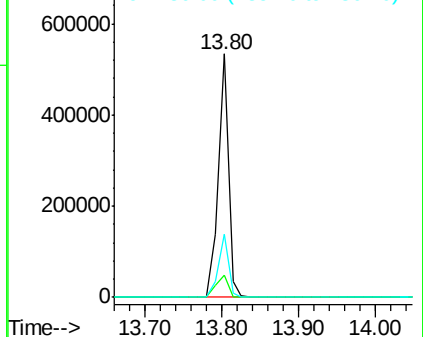
236 25.9 20.6 31.0



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: 72.54 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084862.D

Acq: 5 Feb 2016 16:23

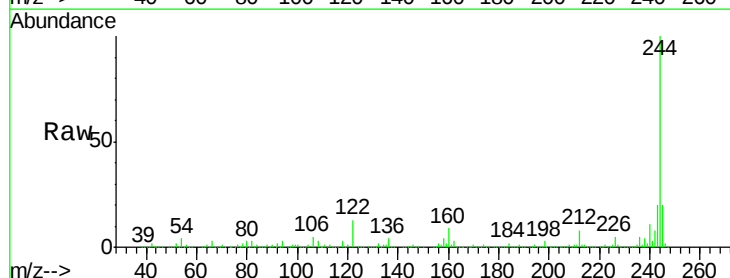
Tgt Ion:244 Resp: 1573319

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

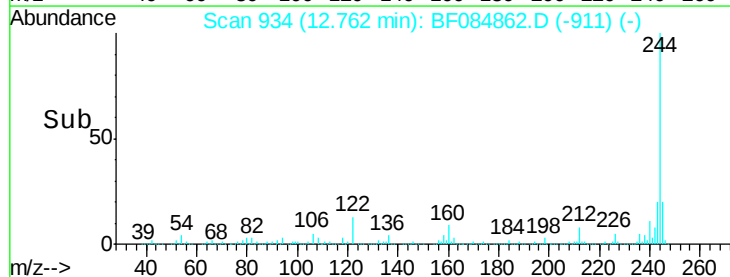
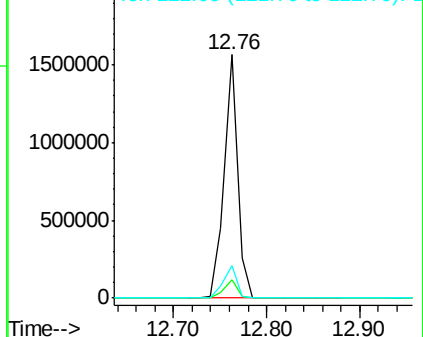
122 13.3 7.4 11.0#

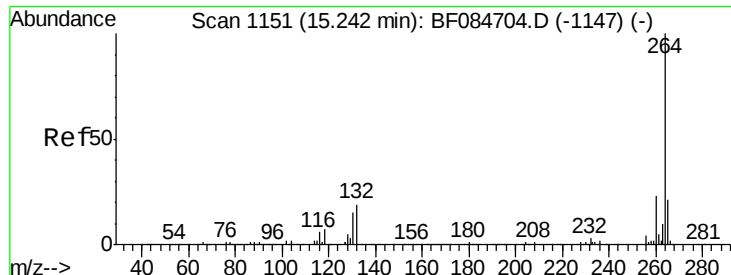


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

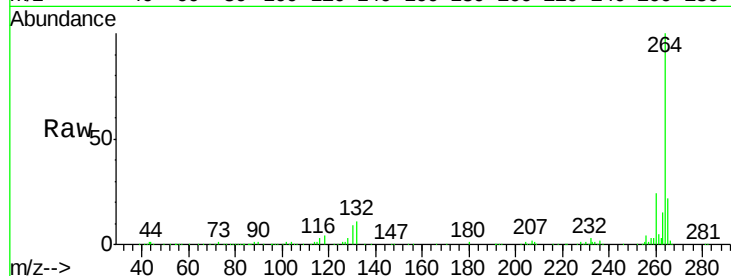




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084862.D
Acq: 5 Feb 2016 16:23

Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)

Tgt Ion: 264 Resp: 331488
Ion Ratio Lower Upper
264 100
260 23.6 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

