

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084849.D
 Acq On : 5 Feb 2016 00:52
 Operator : SJ/IZ
 Sample : H1320-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B011(16-17)

Quant Time: Feb 05 01:43:01 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

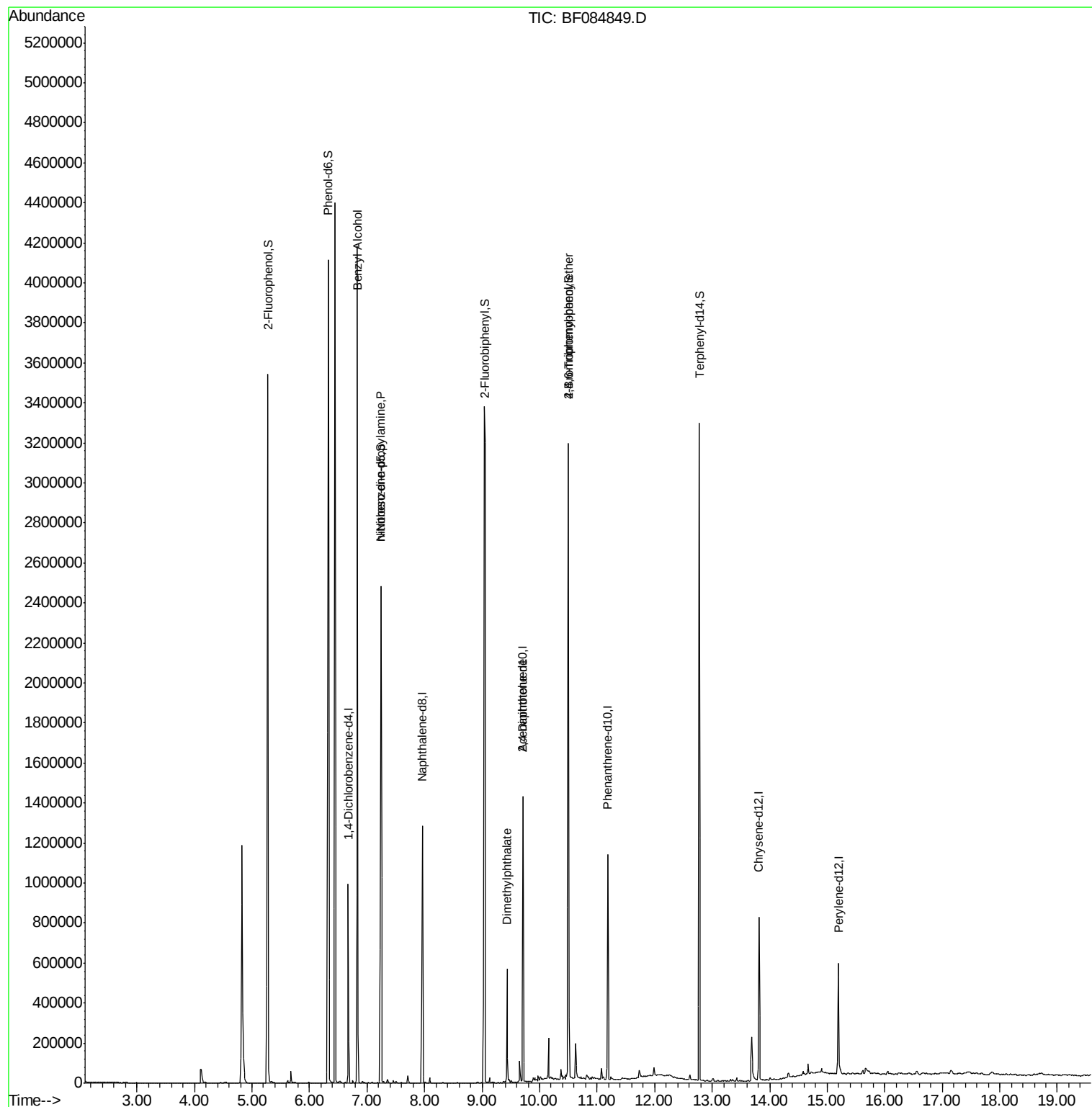
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	139310	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	587850	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	264902	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	411307	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	301336	20.00	ng	-0.02
86) Perylene-d12	15.20	264	293847	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1456707	162.87	ng	0.00
7) Phenol-d6	6.33	99	1518681	136.97	ng	-0.01
23) Nitrobenzene-d5	7.24	82	967833	92.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	353138	127.80	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1649055	123.39	ng	-0.01
78) Terphenyl-d14	12.77	244	1121009	84.30	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	17878	2.34	ng	# 46
19) n-Nitroso-di-n-propylamine	7.24	70	129241	18.60	ng	# 72
49) Dimethylphthalate	9.44	163	212620	10.54	ng	# 90
56) 2,4-Dinitrotoluene	9.71	165	34240	6.09	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	23445	5.16	ng	# 1

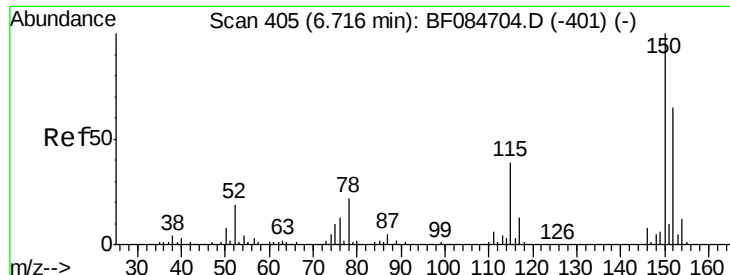
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084849.D

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Instrument :

BNA_F

ClientSampleId :

S4-B011(16-17)

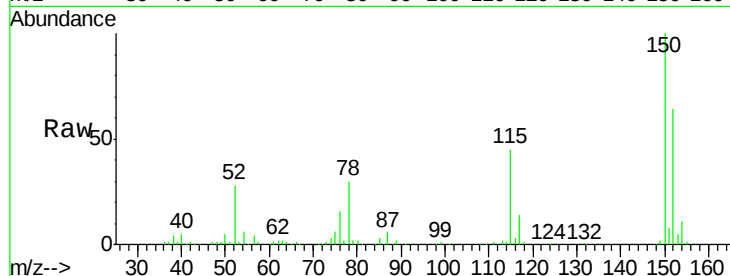
Tgt Ion:152 Resp: 139310

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

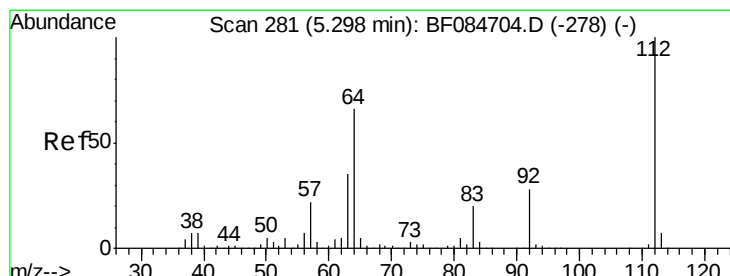
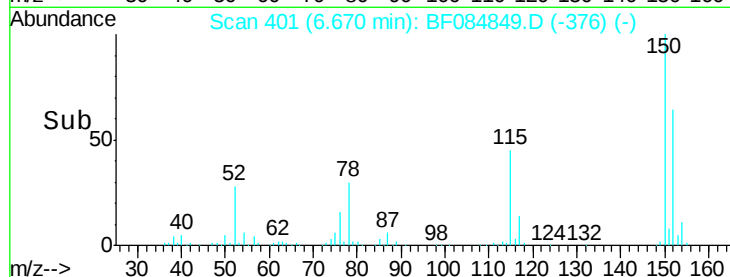
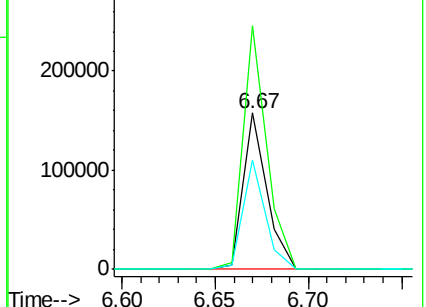
115 70.3 51.4 77.2



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: 162.87 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.00 min

Lab File: BF084849.D

Acq: 5 Feb 2016 00:52

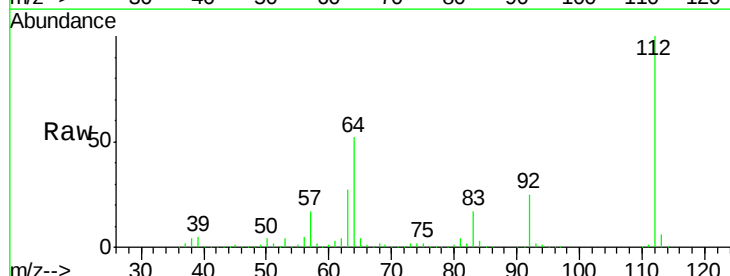
Tgt Ion:112 Resp: 1456707

Ion Ratio Lower Upper

112 100

64 51.9 36.6 55.0

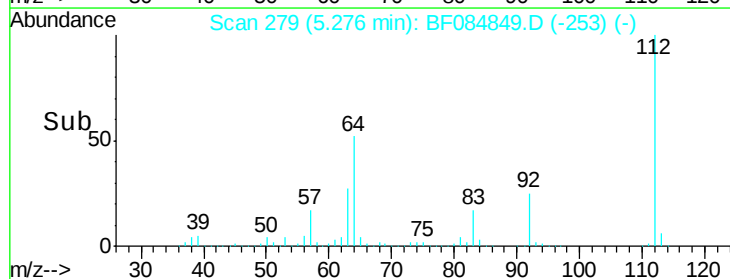
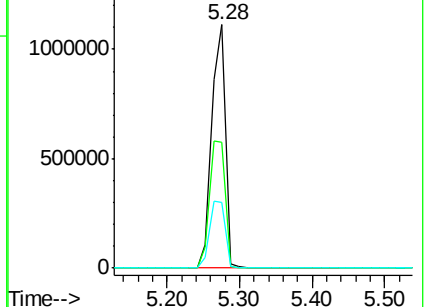
63 27.2 19.4 29.0



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: 136.97 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084849.D

Acq: 5 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

S4-B011(16-17)

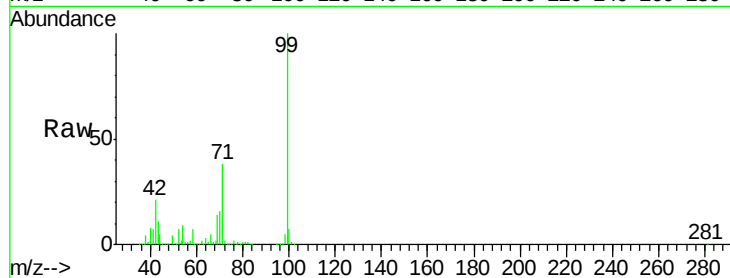
Tgt Ion: 99 Resp: 1518681

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

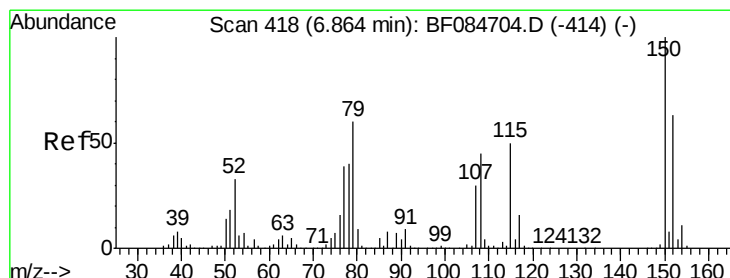
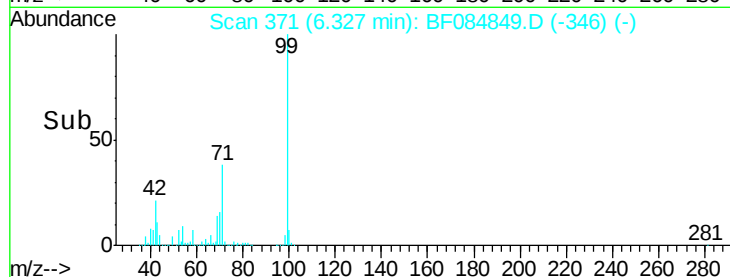
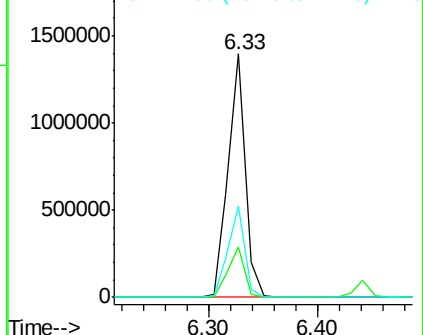
71 37.6 30.9 46.3



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: 2.34 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084849.D

Acq: 5 Feb 2016 00:52

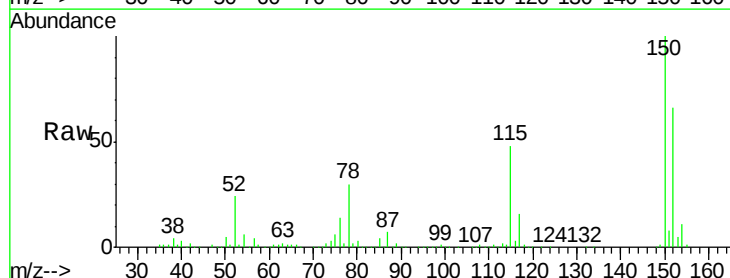
Tgt Ion: 79 Resp: 17878

Ion Ratio Lower Upper

79 100

108 31.6 69.0 103.4#

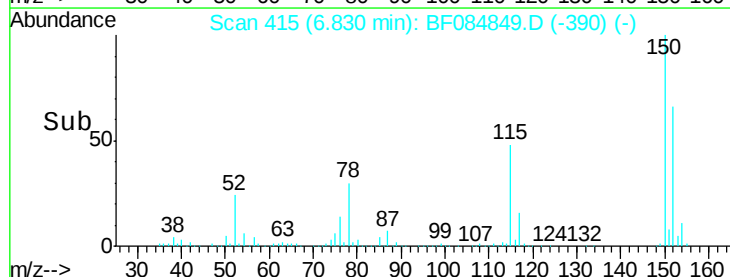
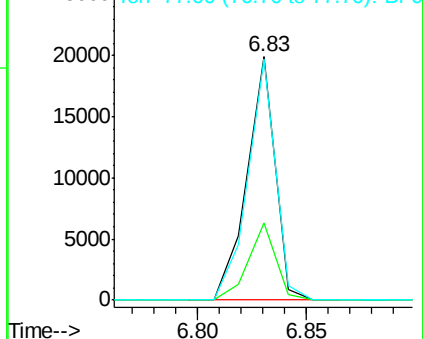
77 99.0 50.0 75.0#



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

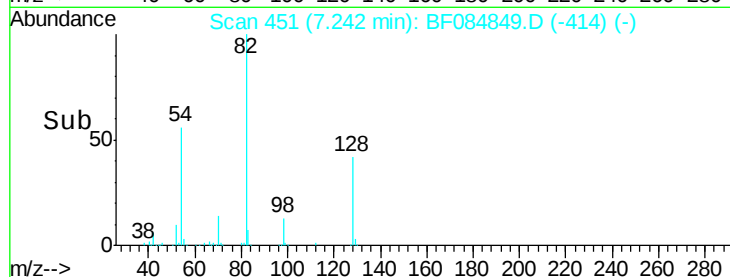
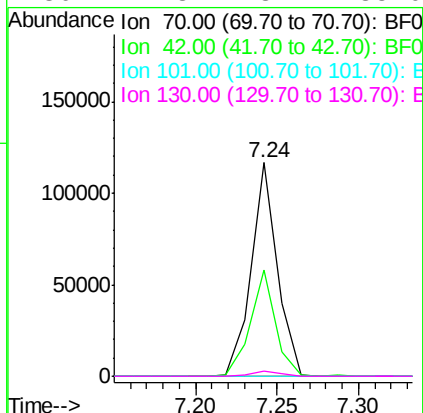
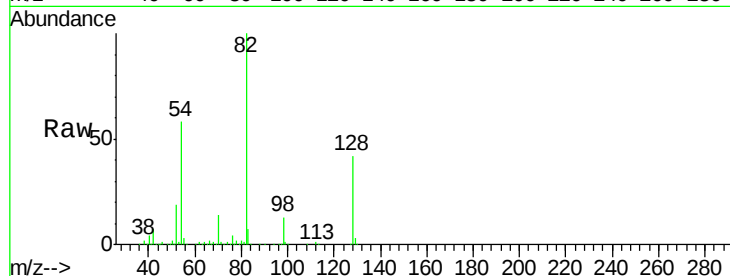




#19
n-Nitroso-di-n-propylamine
Concen: 18.60 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084849.D
Acq: 5 Feb 2016 00:52

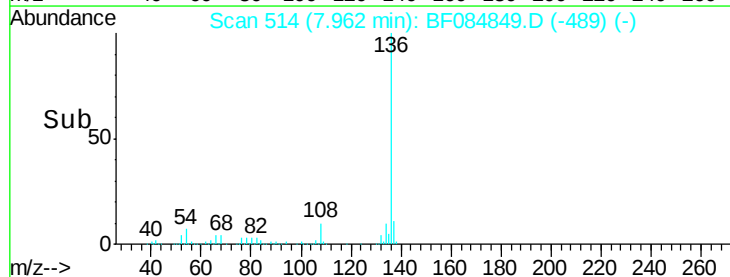
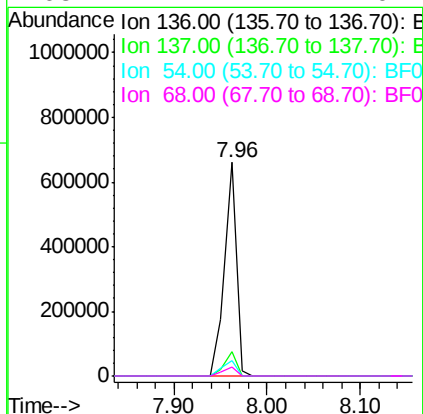
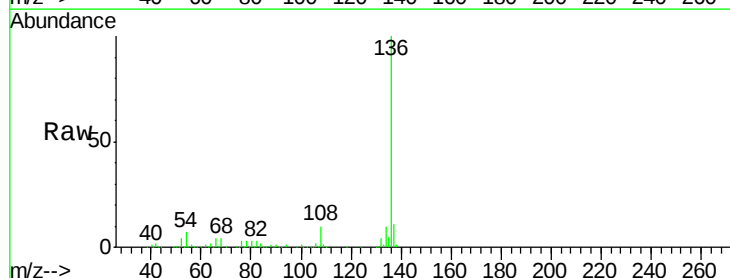
Instrument :
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S4-B011(16-17)

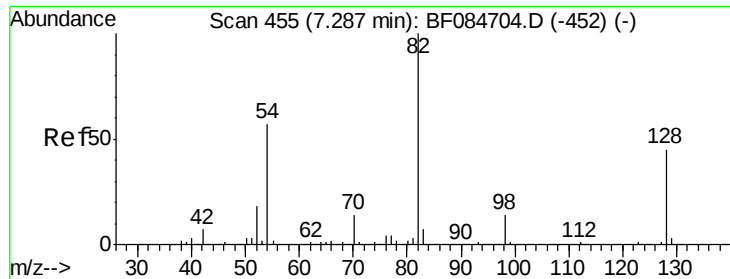
Tgt Ion: 70 Resp: 129241
Ion Ratio Lower Upper
70 100
42 49.5 33.3 49.9
101 0.0 9.3 13.9#
130 2.3 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084849.D
Acq: 5 Feb 2016 00:52

Tgt Ion:136 Resp: 587850
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.4 5.8 8.8
68 4.4 4.2 6.2

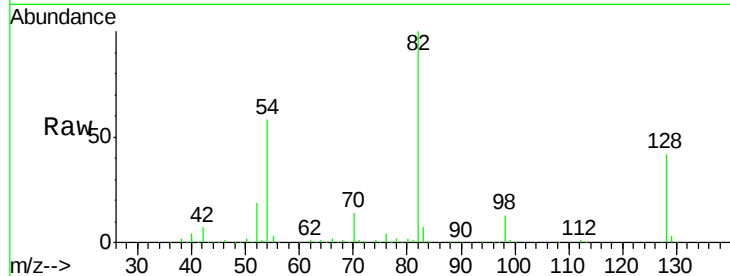




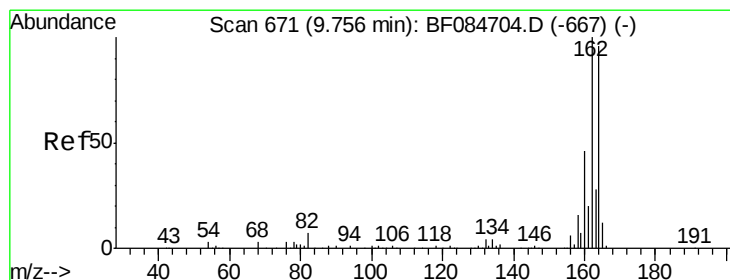
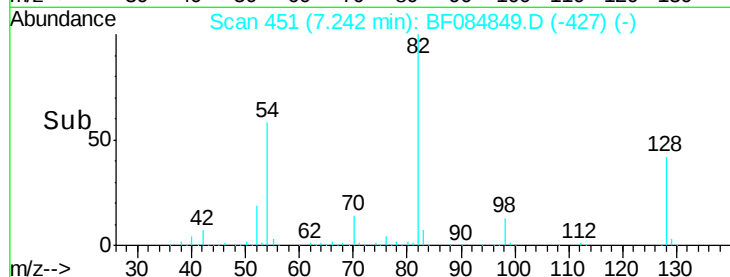
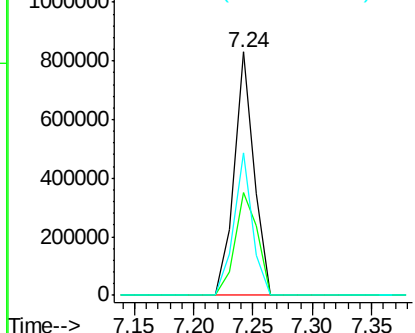
#23
 Nitrobenzene-d5
 Concen: 92.75 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084849.D
 Acq: 5 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 S4-B011(16-17)

Tgt Ion: 82 Resp: 967833
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 58.4 38.4 57.6#

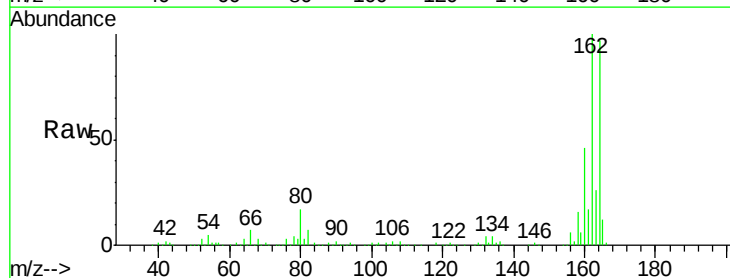


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

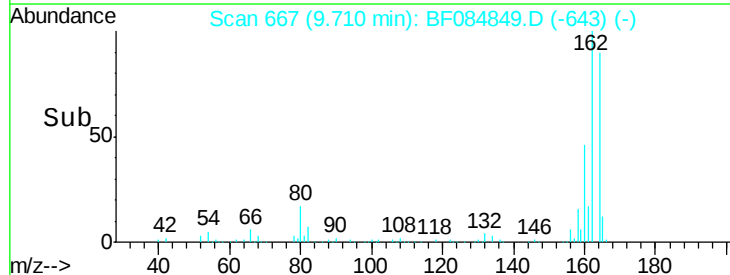
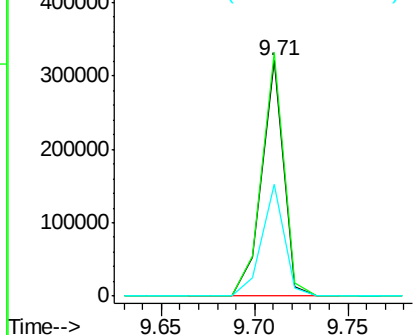


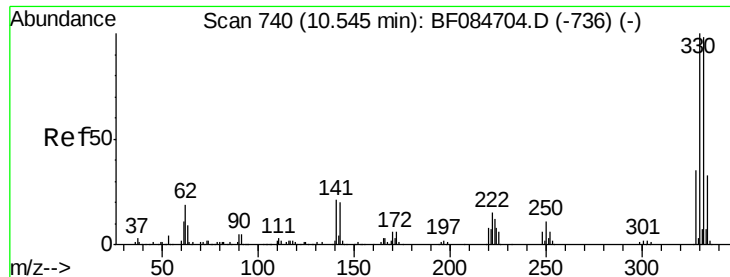
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084849.D
 Acq: 5 Feb 2016 00:52

Tgt Ion: 164 Resp: 264902
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.1 127.7
 160 47.4 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

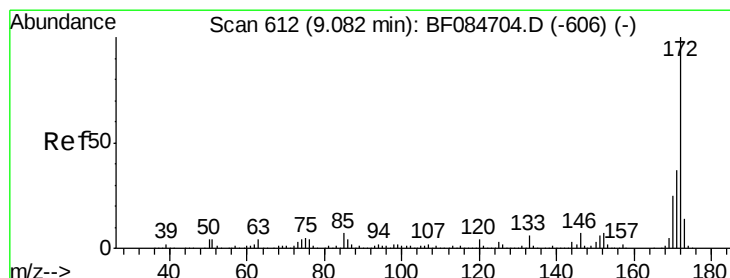
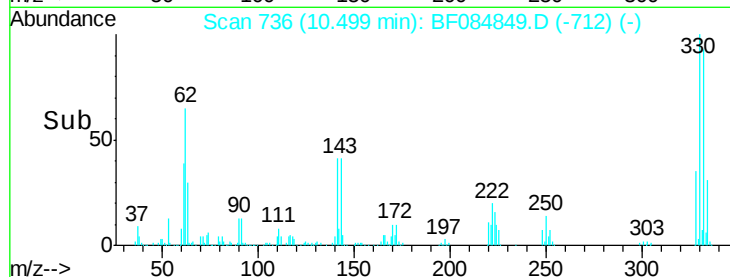
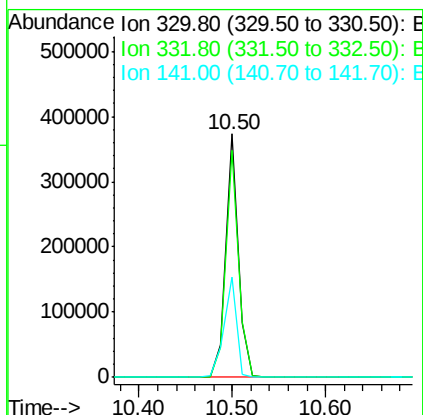
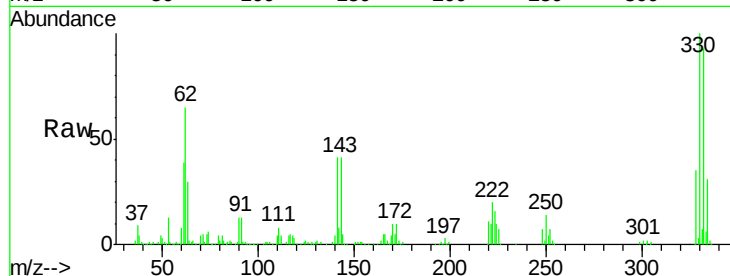




#41
 2,4,6-Tribromophenol
 Concen: 127.80 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084849.D
 Acq: 5 Feb 2016 00:52

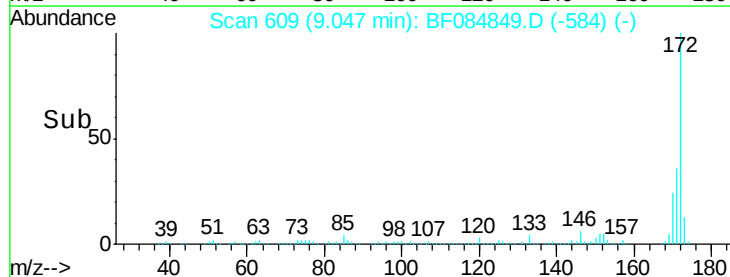
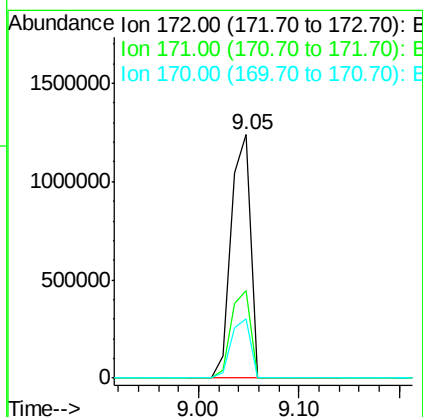
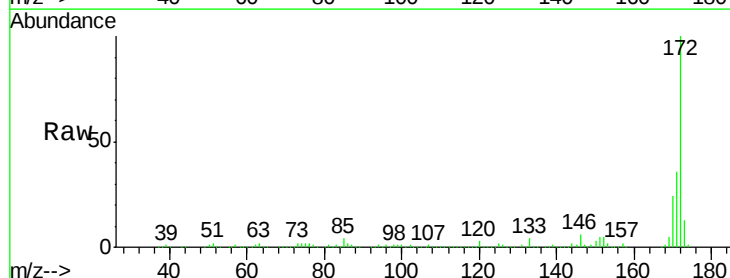
Instrument :
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 S4-B011(16-17)

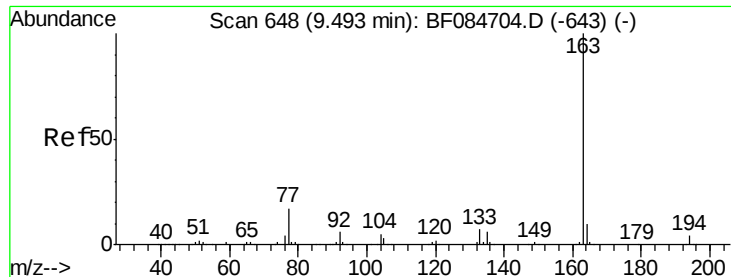
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	114.8
141	40.2	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 123.39 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084849.D
 Acq: 5 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.3	18.6	27.8

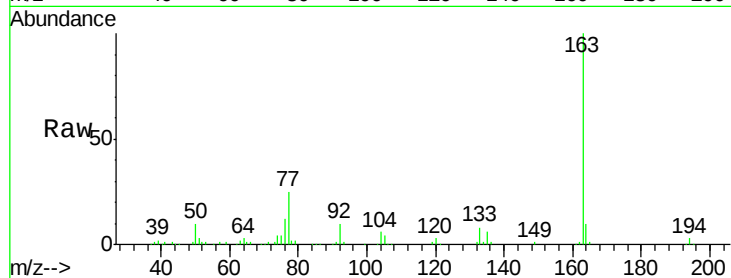




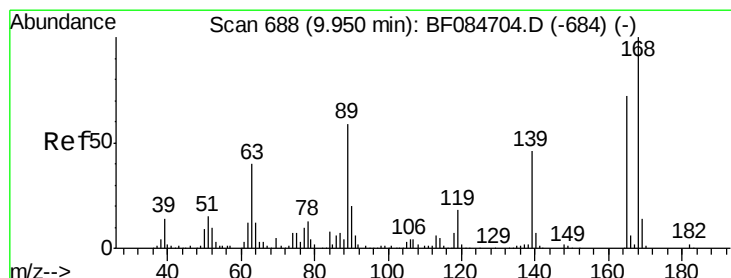
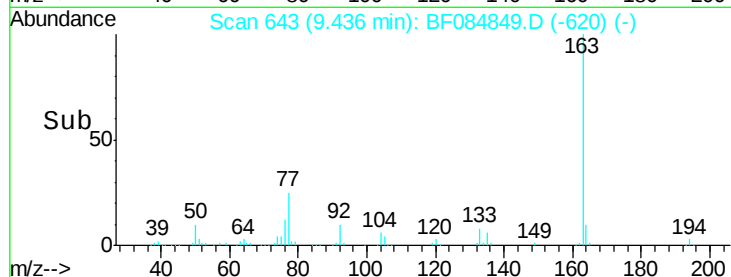
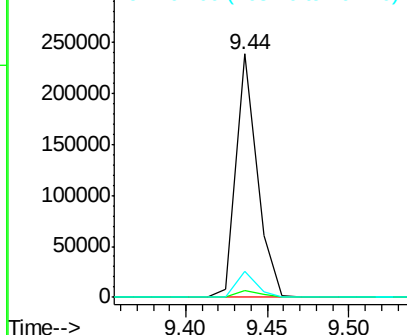
#49
Dimethylphthalate
Concen: 10.54 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084849.D
Acq: 5 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
S4-B011(16-17)

Tgt Ion:163 Resp: 212620
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.5 8.0 12.0

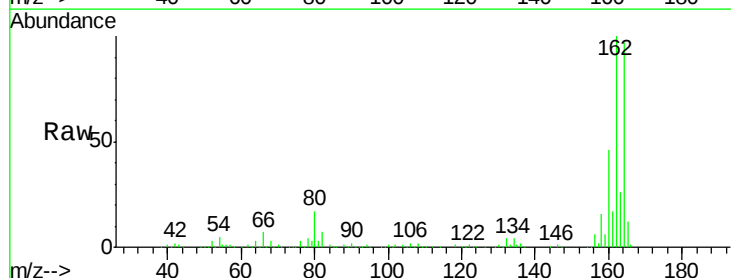


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

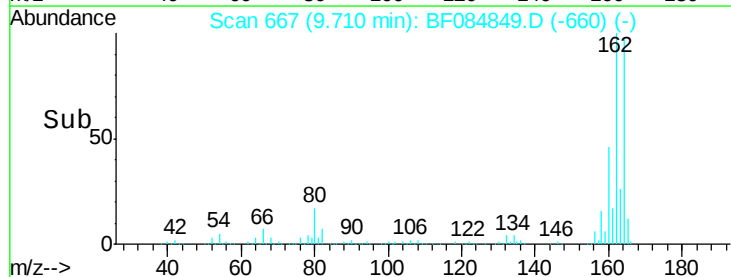
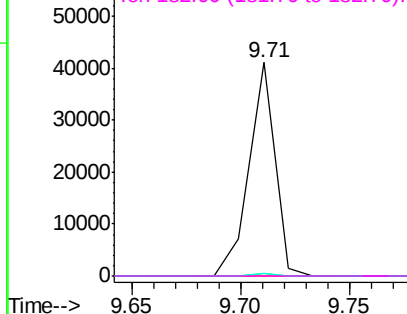


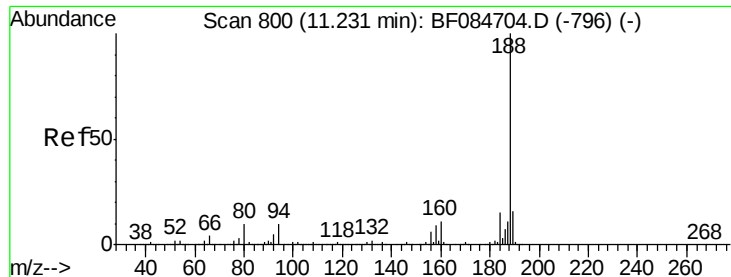
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.22 min
Lab File: BF084849.D
Acq: 5 Feb 2016 00:52

Tgt Ion:165 Resp: 34240
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

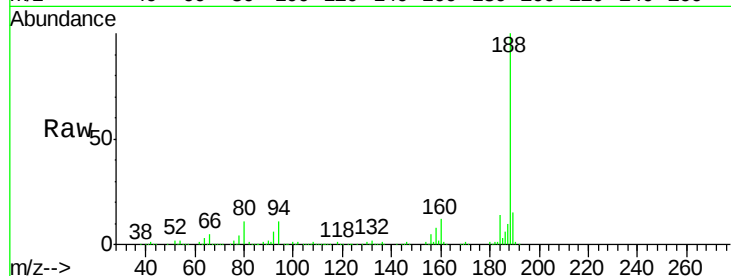




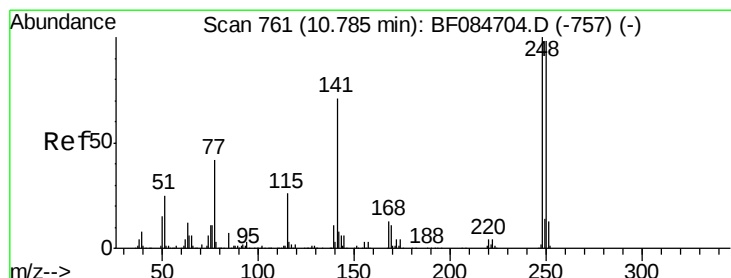
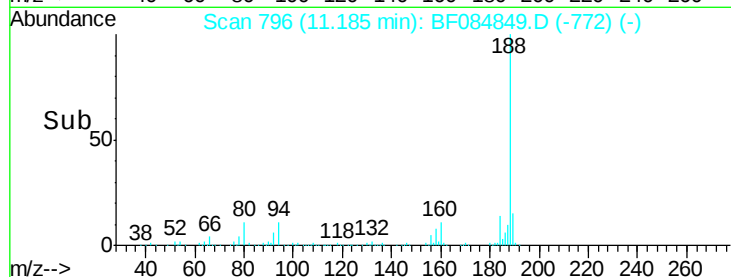
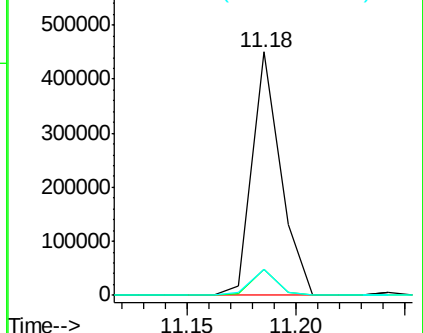
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084849.D
Acq: 5 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
S4-B011(16-17)

Tgt Ion:188 Resp: 411307
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 10.9 9.6 14.4

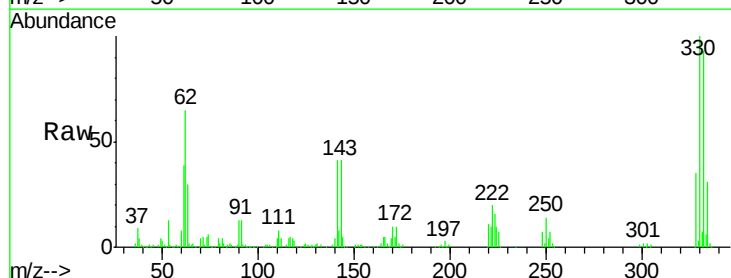


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

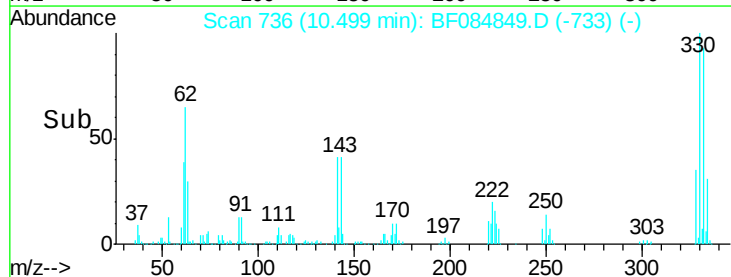
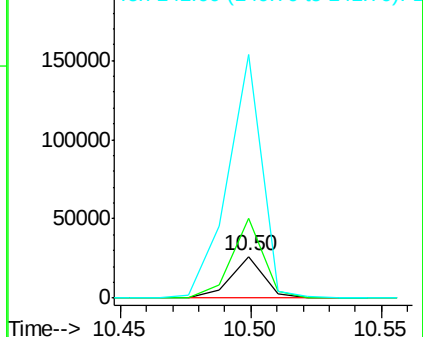


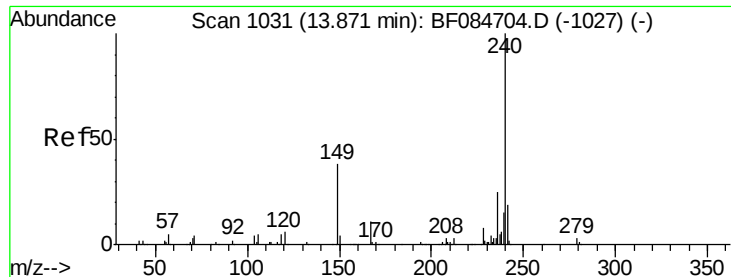
#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084849.D
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Tgt Ion:248 Resp: 23445
Ion Ratio Lower Upper
248 100
250 192.8 78.4 117.6#
141 585.8 44.0 66.0#



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: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084849.D

Acq: 5 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

S4-B011(16-17)

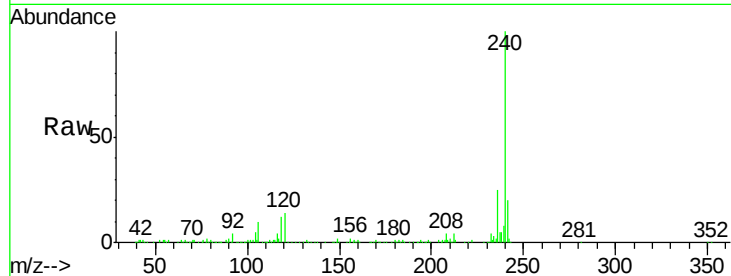
Tgt Ion:240 Resp: 301336

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

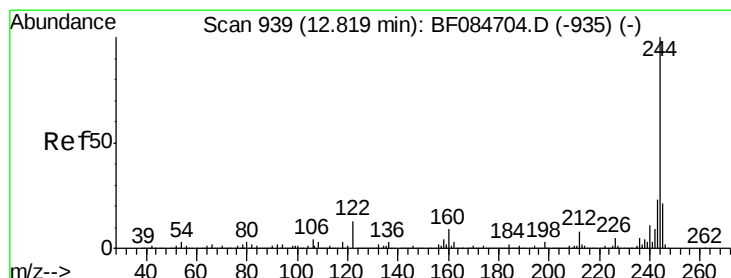
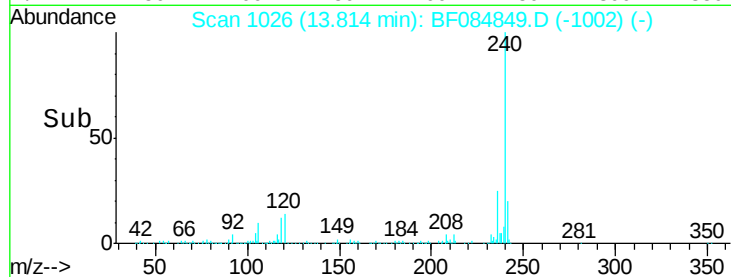
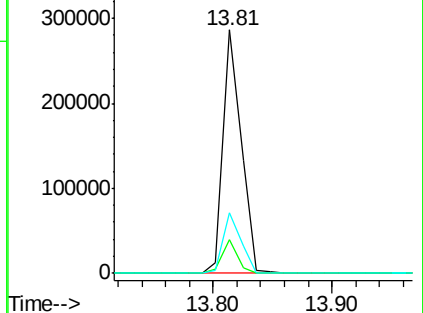
236 24.8 20.6 31.0



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: 84.30 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084849.D

Acq: 5 Feb 2016 00:52

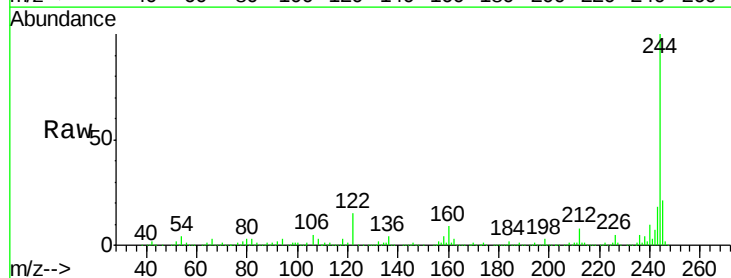
Tgt Ion:244 Resp: 1121009

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

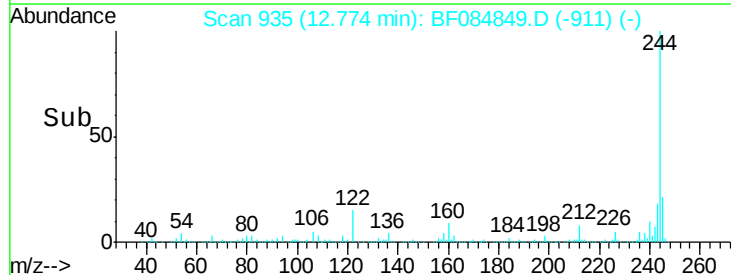
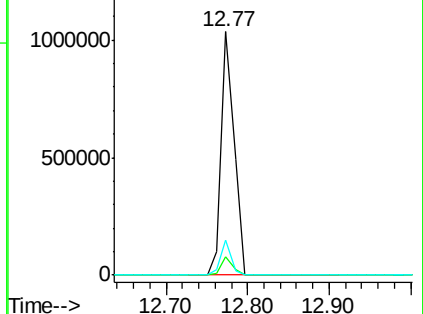
122 14.6 7.4 11.0#

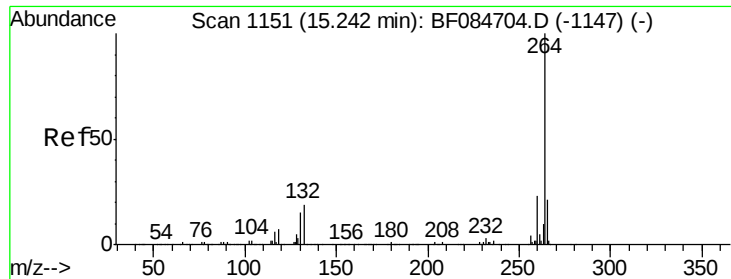


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084849.D
Acq: 5 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
S4-B011(16-17)

Tgt Ion: 264 Resp: 293847
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.9 17.8 26.6

