

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084848.D
 Acq On : 5 Feb 2016 00:24
 Operator : SJ/IZ
 Sample : H1320-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B011(10-12)

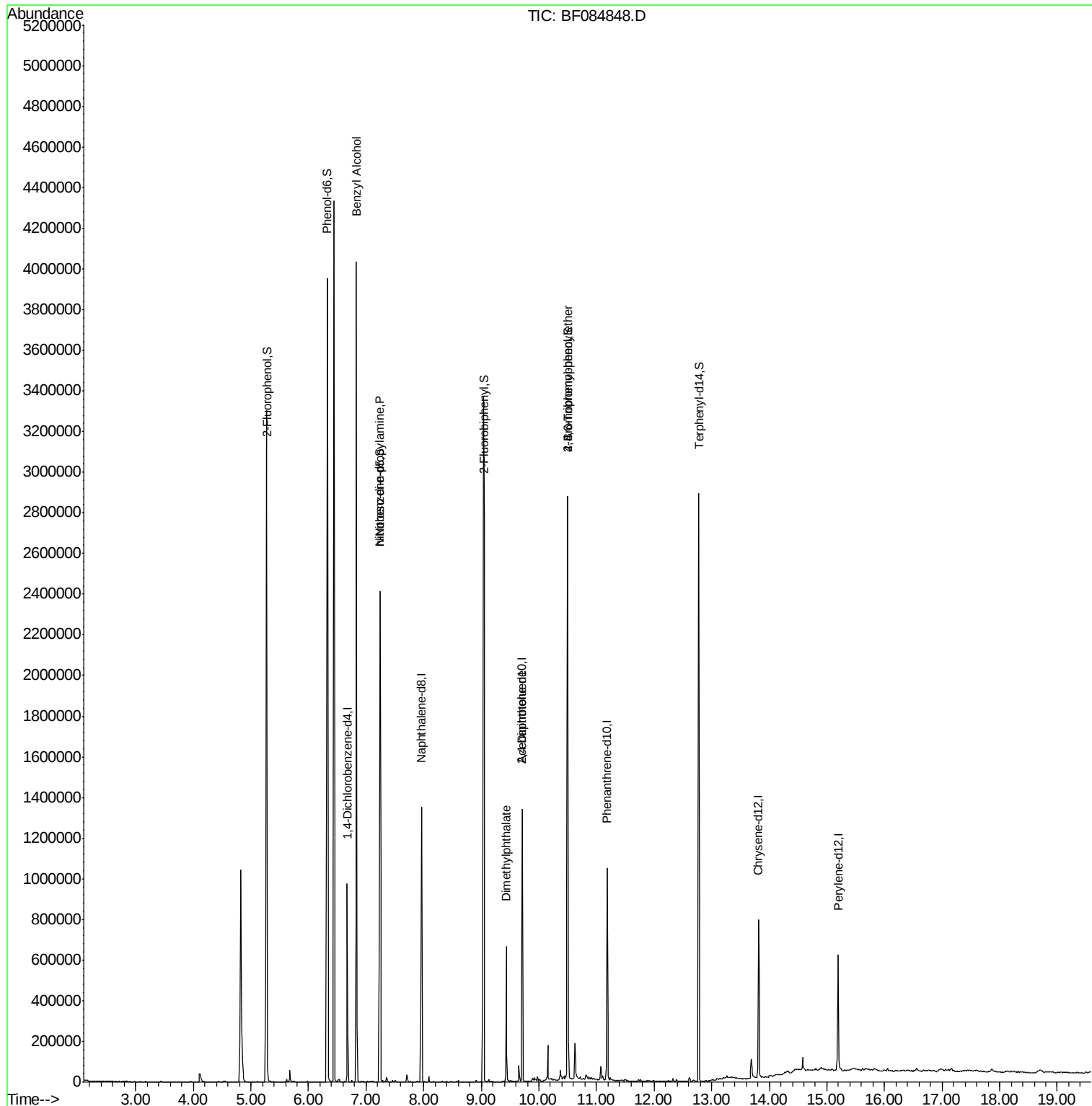
Quant Time: Feb 05 01:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

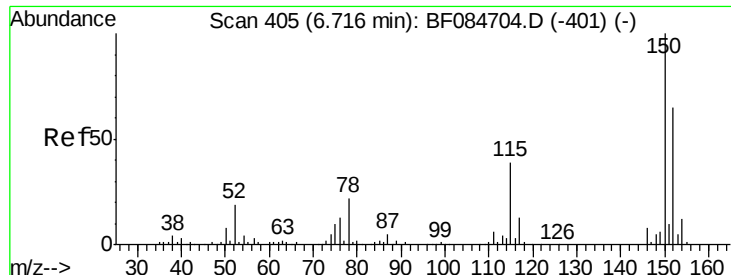
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	138351	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	607813	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	256903	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	376539	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	305725	20.00	ng	-0.02
86) Perylene-d12	15.20	264	303825	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1360649	153.19	ng	0.00
7) Phenol-d6	6.33	99	1439083	130.69	ng	-0.01
23) Nitrobenzene-d5	7.24	82	954457	88.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	319253	119.14	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1550199	115.37	ng	-0.01
78) Terphenyl-d14	12.77	244	950750	70.47	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	19399	2.55	ng	# 50
19) n-Nitroso-di-n-propylamine	7.24	70	127607	18.49	ng	# 72
49) Dimethylphthalate	9.44	163	245809	12.56	ng	# 90
56) 2,4-Dinitrotoluene	9.71	165	33059	6.06	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	22337	5.37	ng	# 1

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

```
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ALS Vial  : 20      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084848.D

Acq: 5 Feb 2016 00:24

Instrument :

BNA_F

ClientSampleId :

S4-B011(10-12)

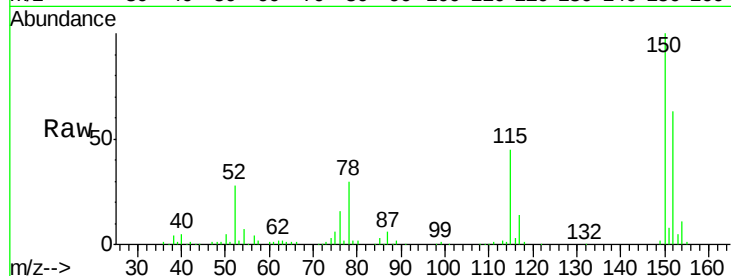
Tgt Ion:152 Resp: 138351

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

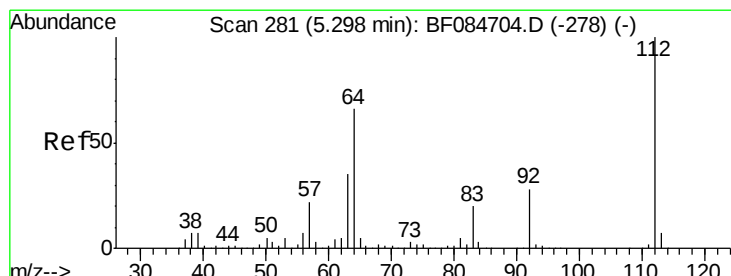
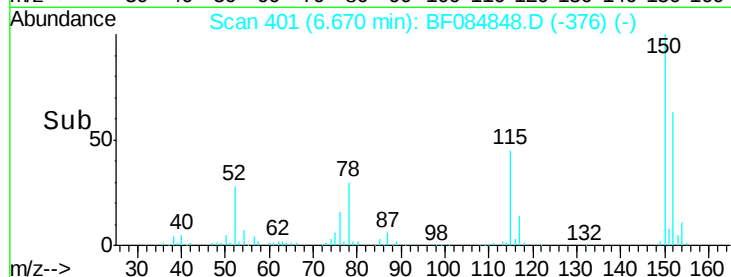
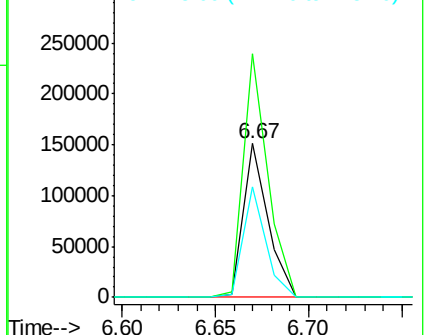
115 71.7 51.4 77.2



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: 153.19 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.00 min

Lab File: BF084848.D

Acq: 5 Feb 2016 00:24

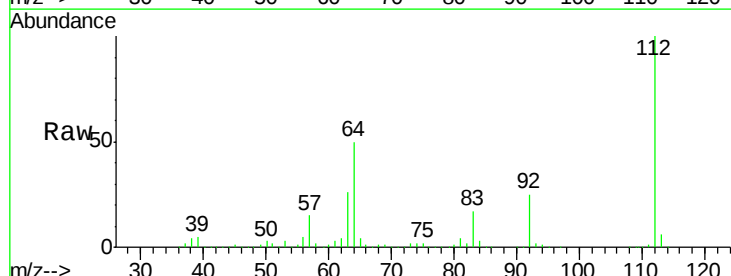
Tgt Ion:112 Resp: 1360649

Ion Ratio Lower Upper

112 100

64 49.6 36.6 55.0

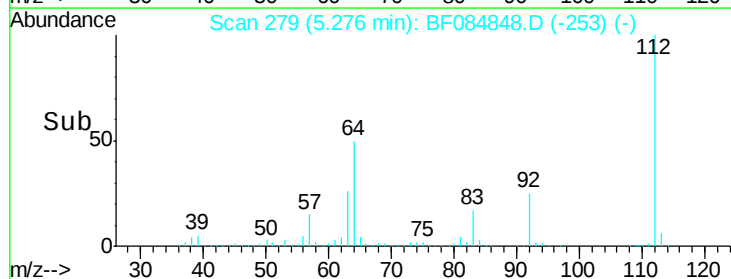
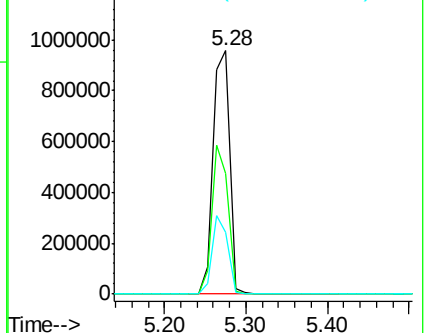
63 25.6 19.4 29.0

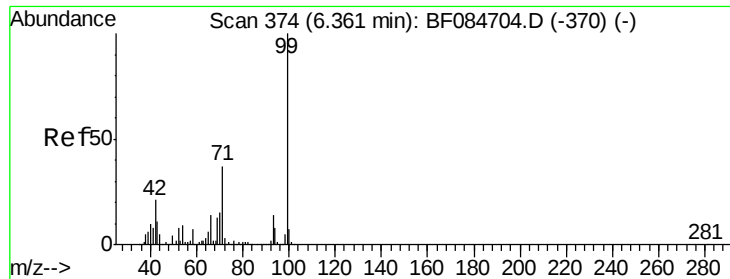


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.69 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084848.D

Acq: 5 Feb 2016 00:24

Instrument :

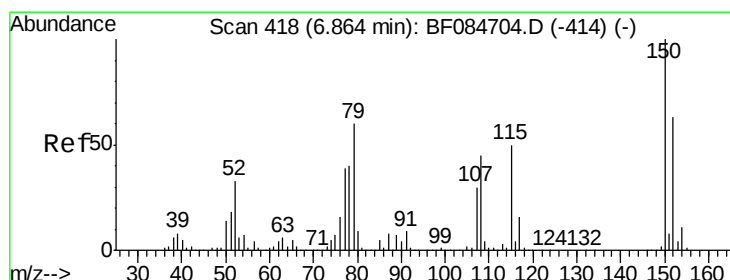
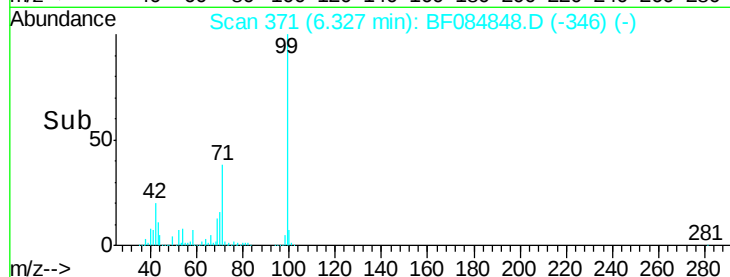
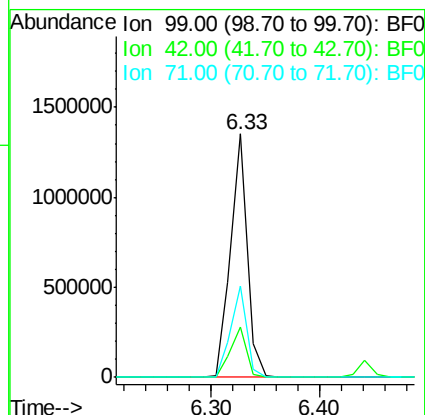
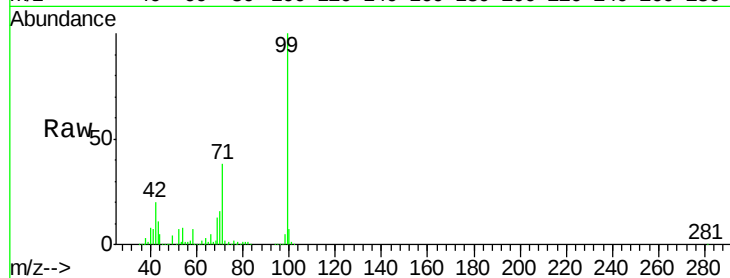
BNA_F

ClientSampleId :

S4-B011(10-12)

Tgt Ion: 99 Resp: 1439083

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.7	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.55 ng

RT: 6.83 min Scan# 415

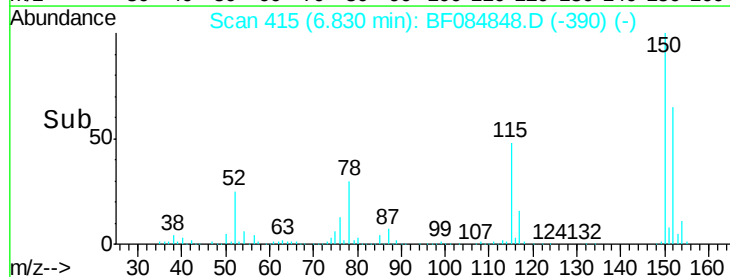
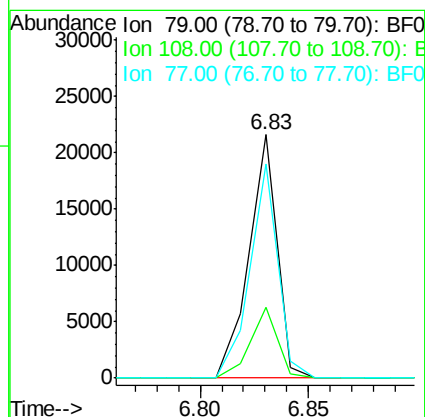
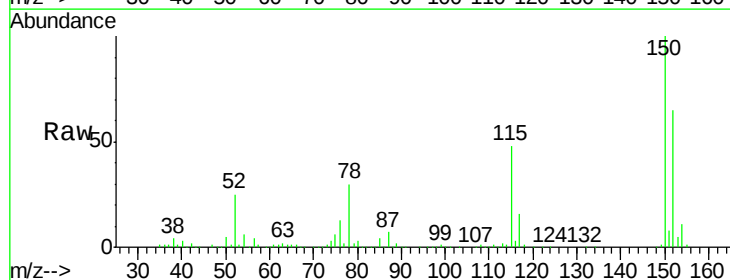
Delta R.T. -0.01 min

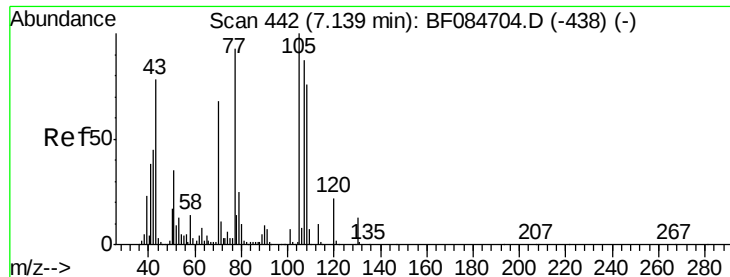
Lab File: BF084848.D

Acq: 5 Feb 2016 00:24

Tgt Ion: 79 Resp: 19399

Ion	Ratio	Lower	Upper
79	100		
108	29.0	69.0	103.4#
77	87.8	50.0	75.0#

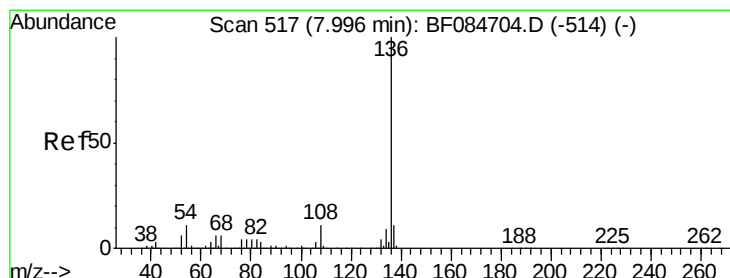
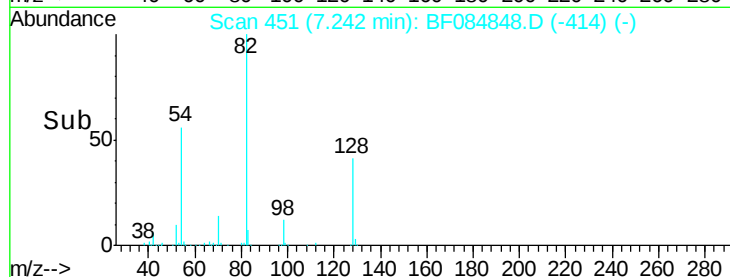
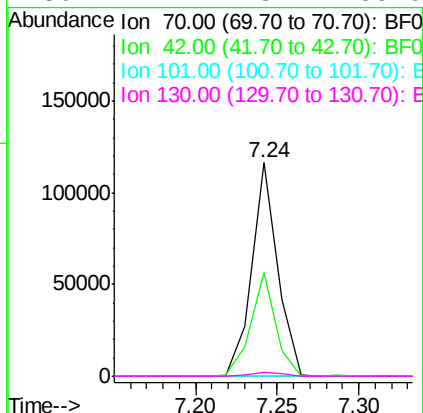
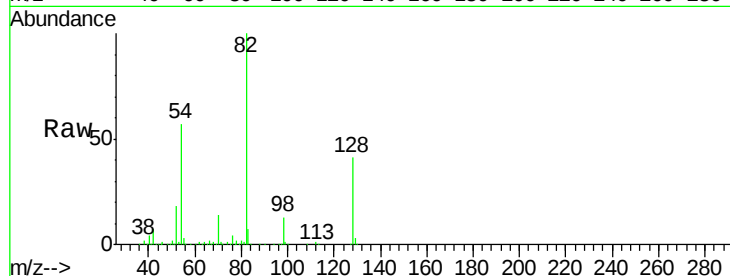




#19
n-Nitroso-di-n-propylamine
Concen: 18.49 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084848.D
Acq: 5 Feb 2016 00:24

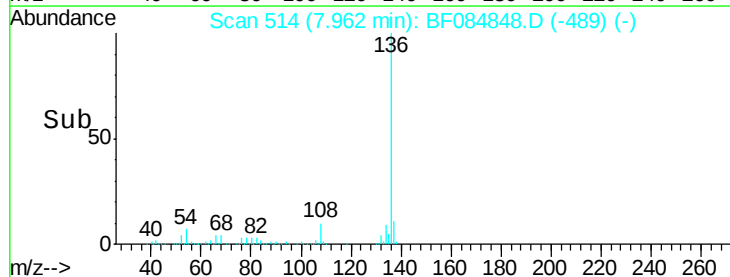
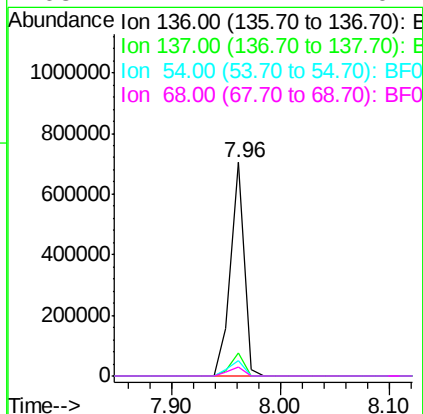
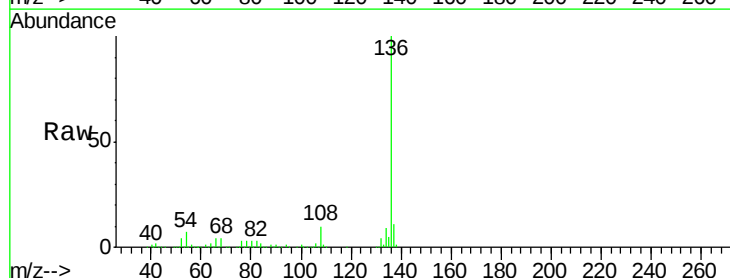
Instrument :
BNA_F
ClientSampleId :
S4-B011(10-12)

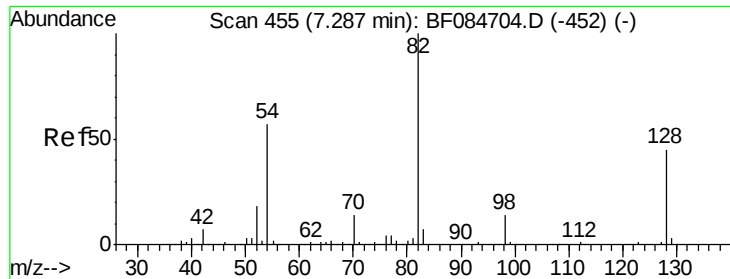
Tgt Ion: 70 Resp: 127607
Ion Ratio Lower Upper
70 100
42 48.5 33.3 49.9
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084848.D
Acq: 5 Feb 2016 00:24

Tgt Ion:136 Resp: 607813
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.9 5.8 8.8
68 4.2 4.2 6.2

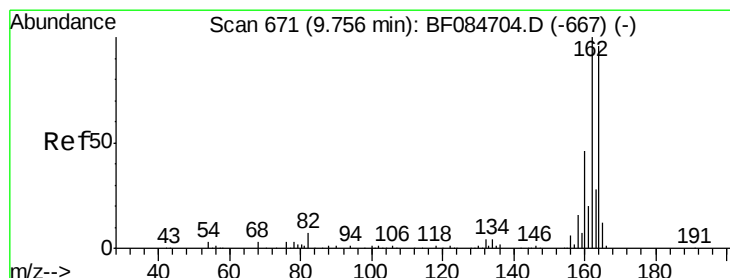
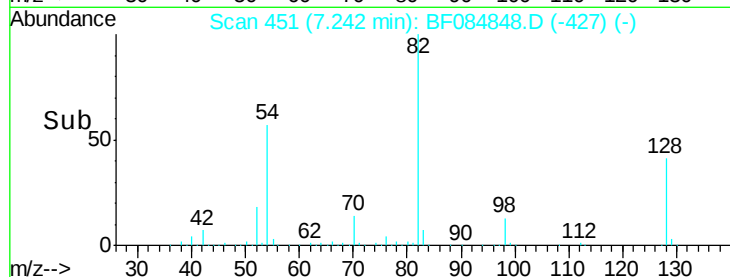
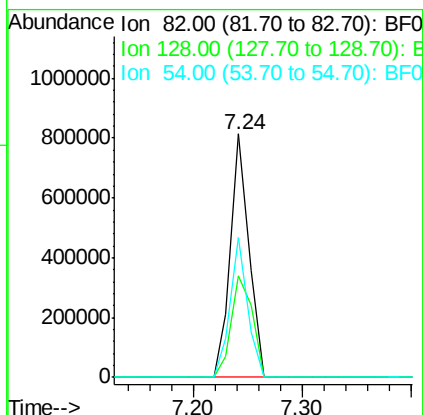
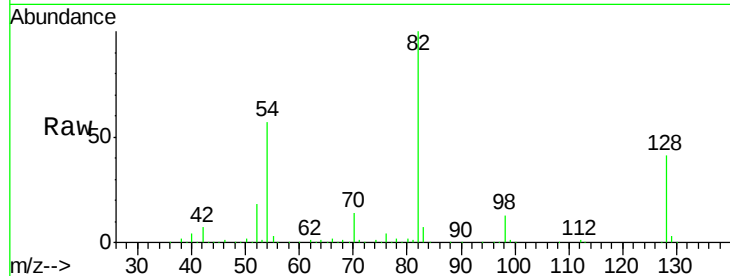




#23
 Nitrobenzene-d5
 Concen: 88.46 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084848.D
 Acq: 5 Feb 2016 00:24

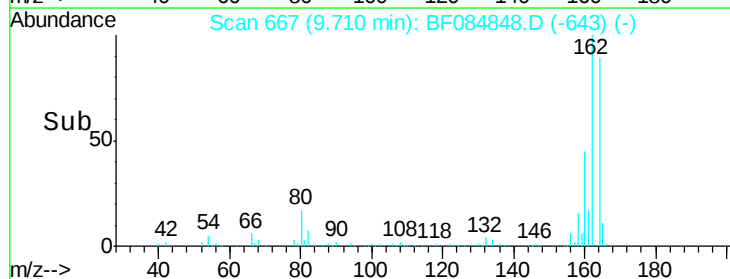
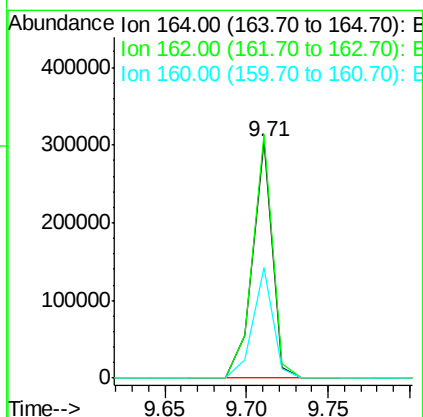
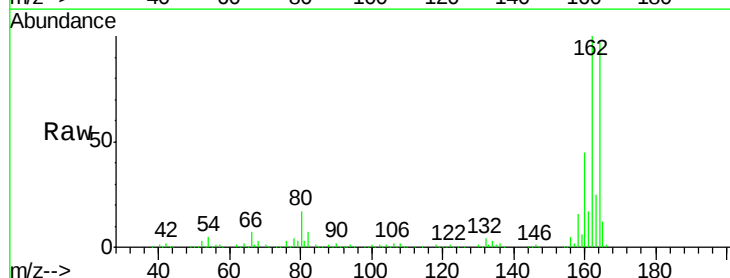
Instrument :
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 ClientSampleId :
 S4-B011(10-12)

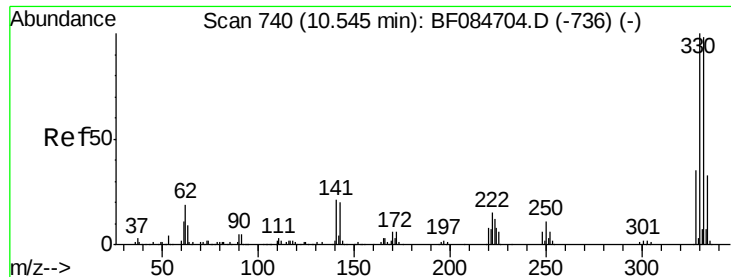
Tgt Ion: 82 Resp: 954457
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 51.8
 54 57.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084848.D
 Acq: 5 Feb 2016 00:24

Tgt Ion: 164 Resp: 256903
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 46.5 37.5 56.3

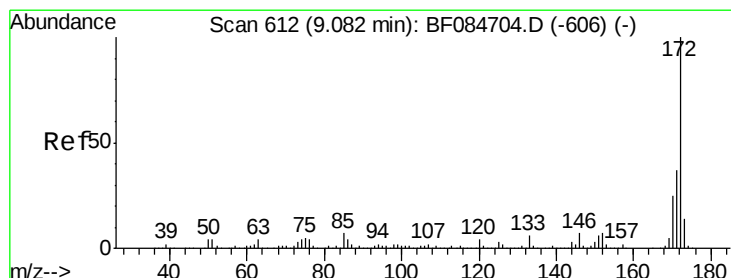
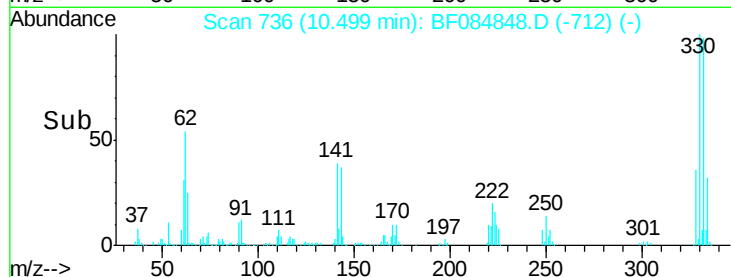
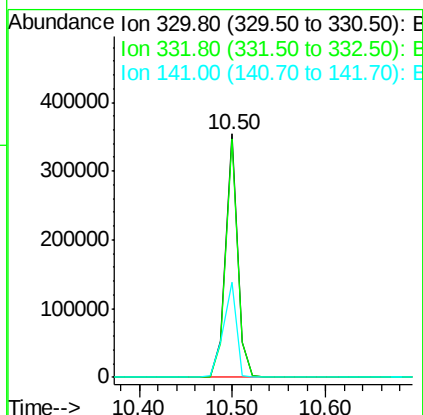
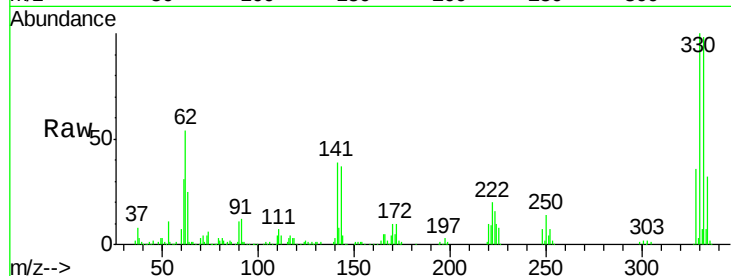




#41
 2,4,6-Tribromophenol
 Concen: 119.14 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084848.D
 Acq: 5 Feb 2016 00:24

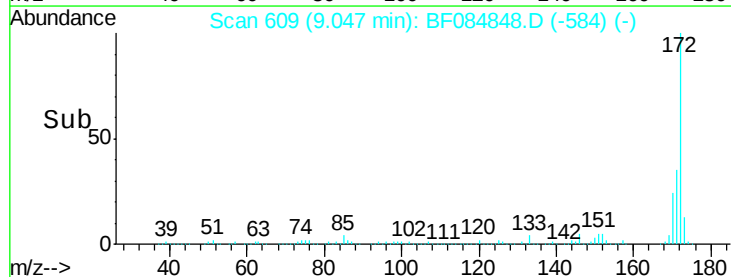
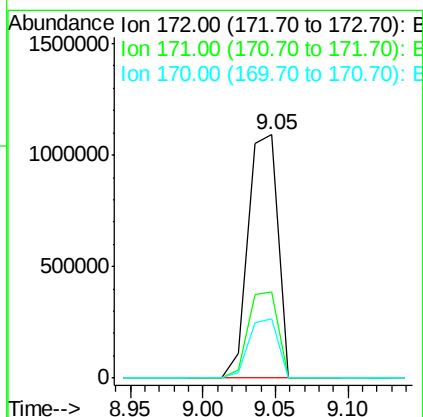
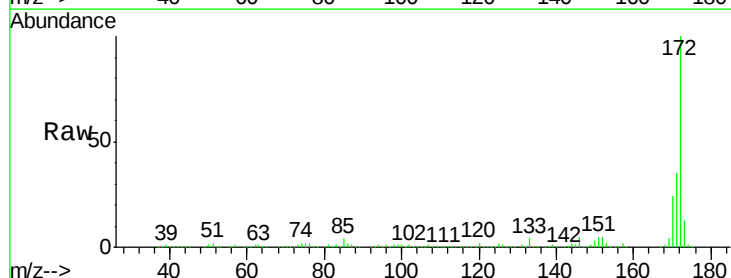
Instrument :
 BNA_F
 ClientSampleId :
 S4-B011(10-12)

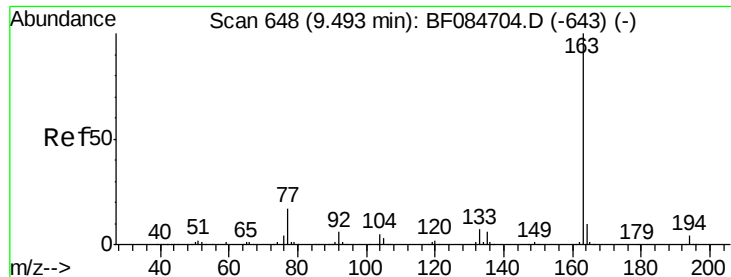
Tgt Ion:330 Resp: 319253
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 41.7 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 115.37 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084848.D
 Acq: 5 Feb 2016 00:24

Tgt Ion:172 Resp: 1550199
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.1 18.6 27.8

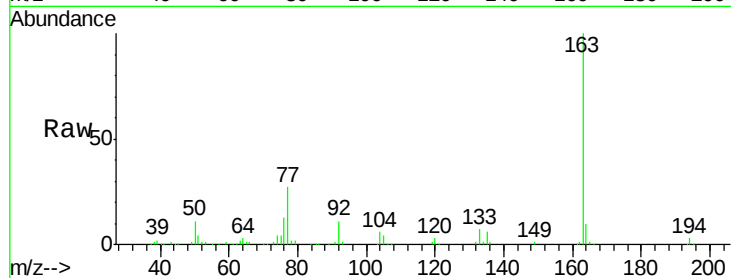




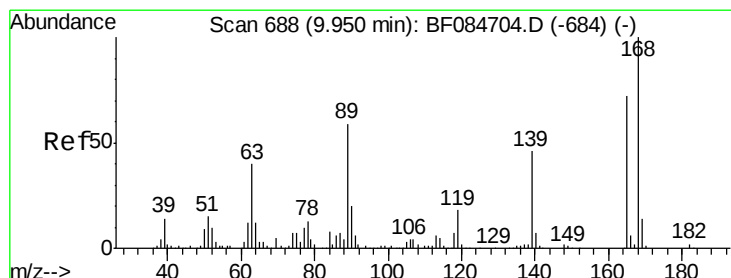
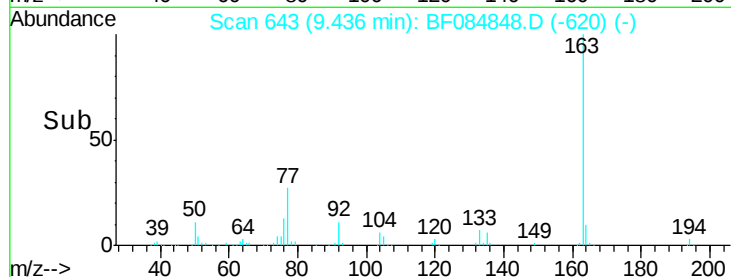
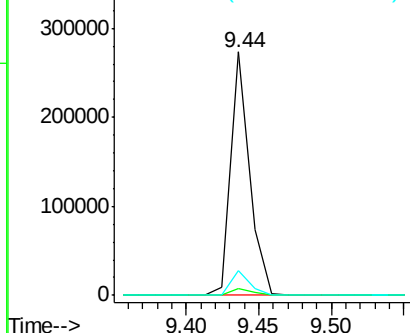
#49
Dimethylphthalate
Concen: 12.56 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084848.D
Acq: 5 Feb 2016 00:24

Instrument :
BNA_F
ClientSampleId :
S4-B011(10-12)

Tgt Ion:163 Resp: 245809
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.2 8.0 12.0

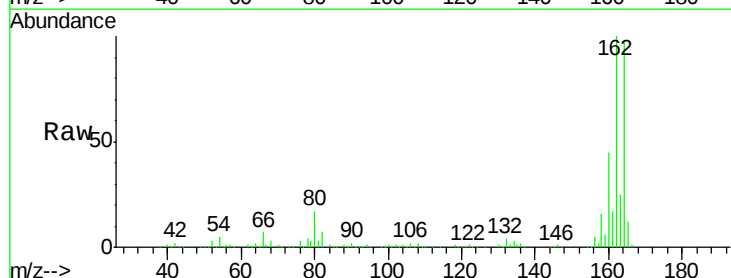


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

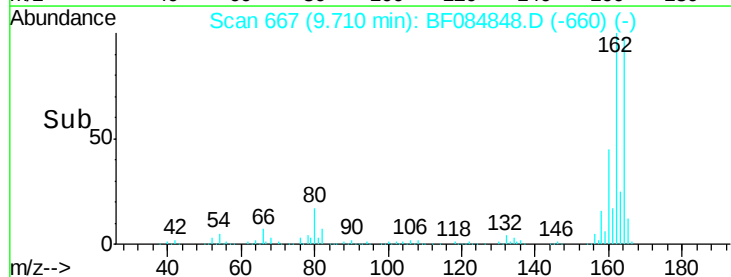
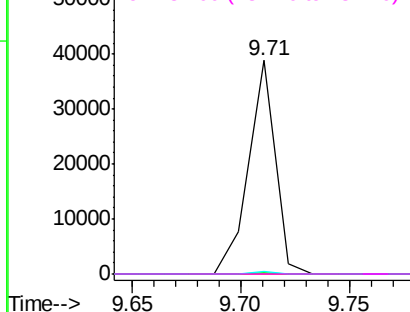


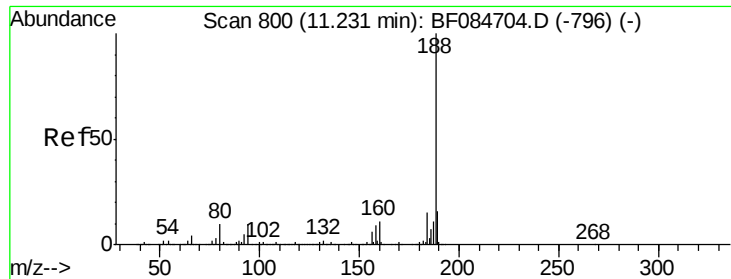
#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.22 min
Lab File: BF084848.D
Acq: 5 Feb 2016 00:24

Tgt Ion:165 Resp: 33059
Ion Ratio Lower Upper
165 100
63 0.9 36.7 55.1#
89 1.4 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

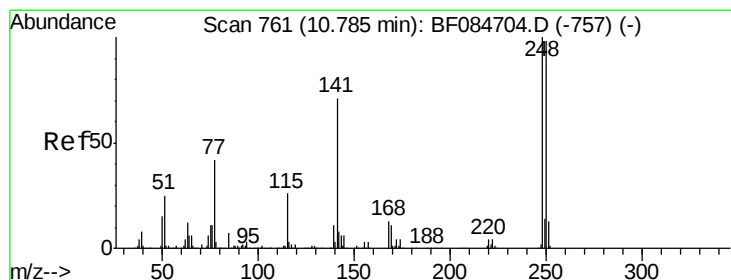
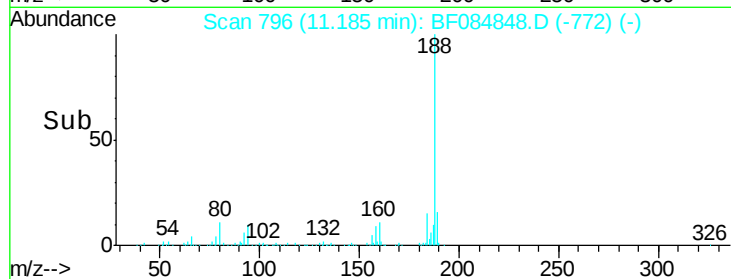
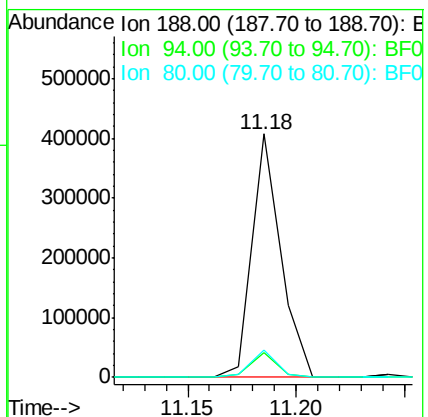
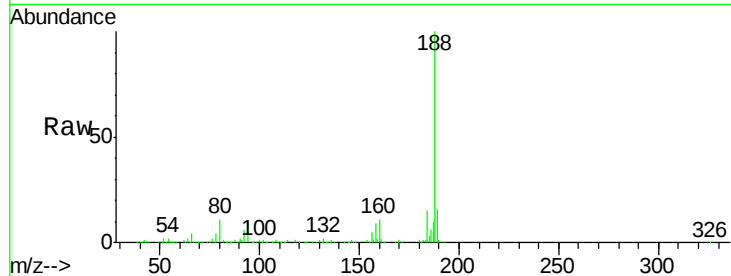




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084848.D
Acq: 5 Feb 2016 00:24

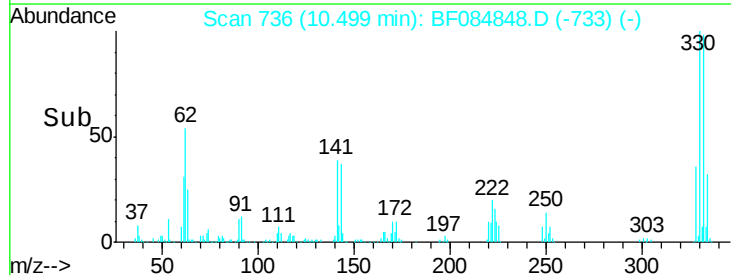
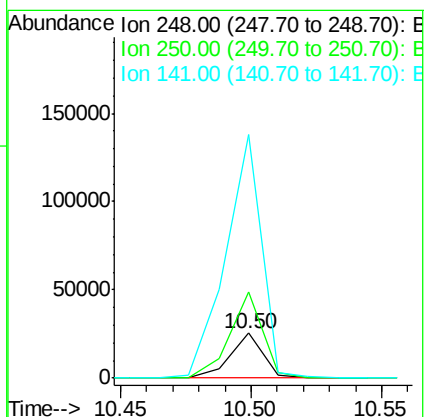
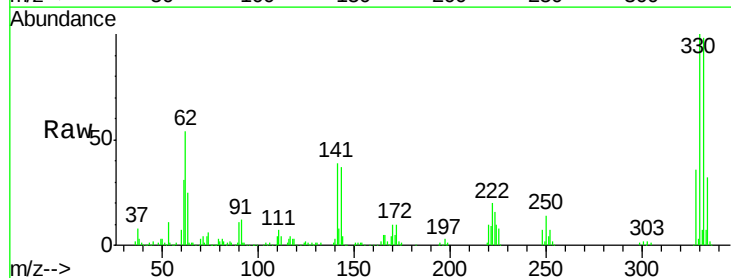
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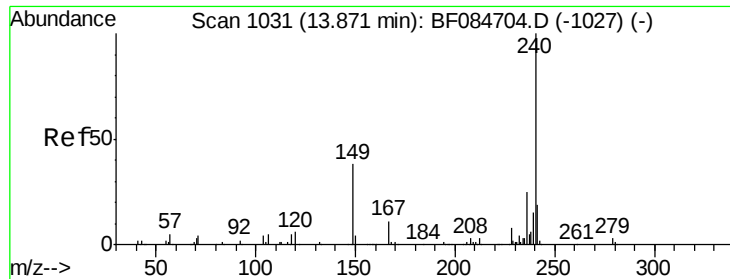
Tgt Ion:188 Resp: 376539
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.4 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084848.D
Acq: 5 Feb 2016 00:24

Tgt Ion:248 Resp: 22337
Ion Ratio Lower Upper
248 100
250 192.8 78.4 117.6#
141 541.0 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084848.D

Acq: 5 Feb 2016 00:24

Instrument :

BNA_F

ClientSampleId :

S4-B011(10-12)

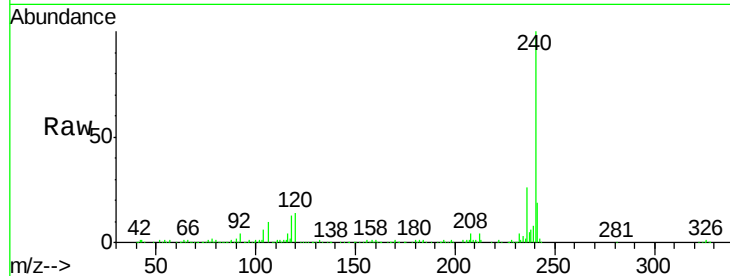
Tgt Ion:240 Resp: 305725

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

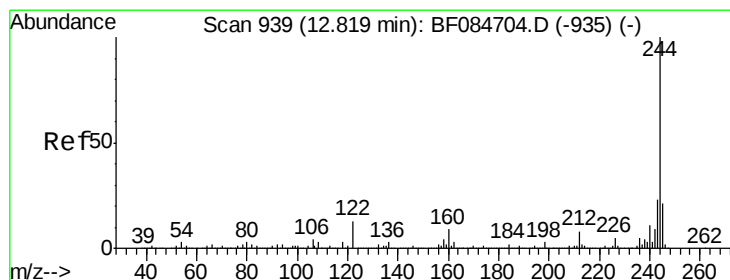
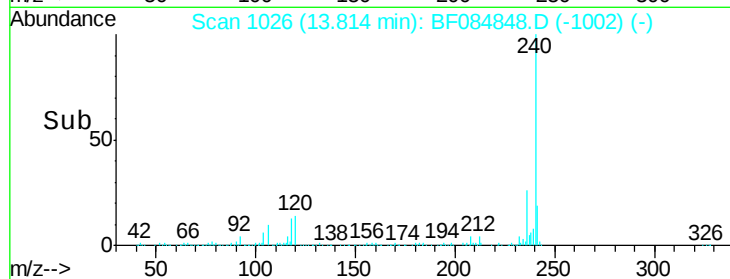
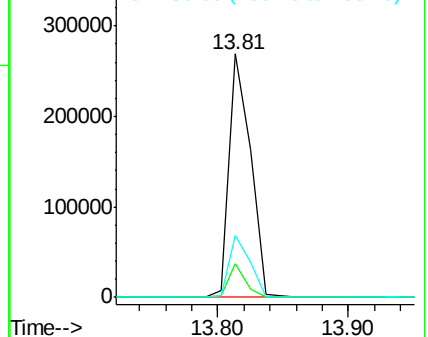
236 25.6 20.6 31.0



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: 70.47 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084848.D

Acq: 5 Feb 2016 00:24

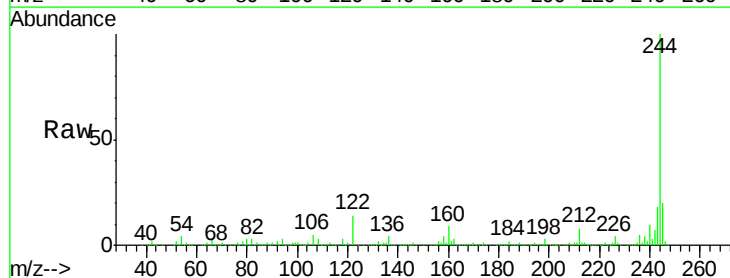
Tgt Ion:244 Resp: 950750

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

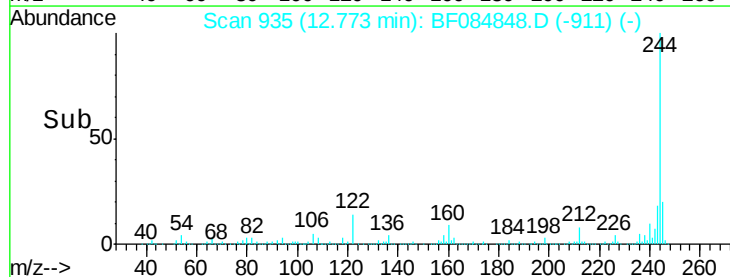
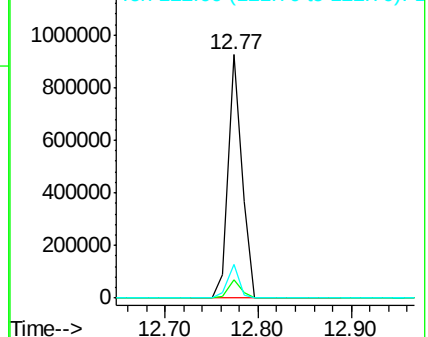
122 14.0 7.4 11.0#

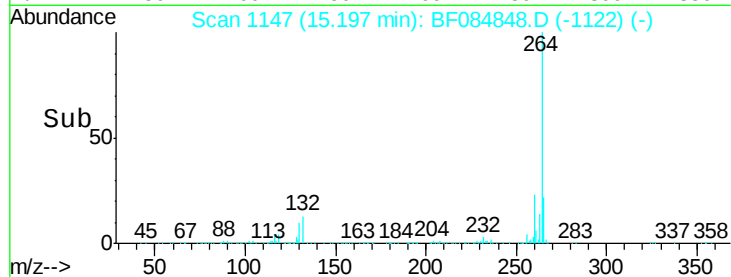
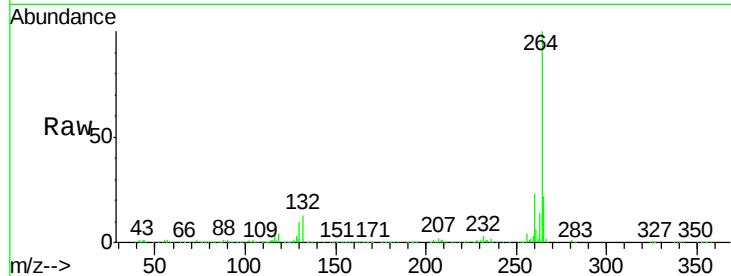
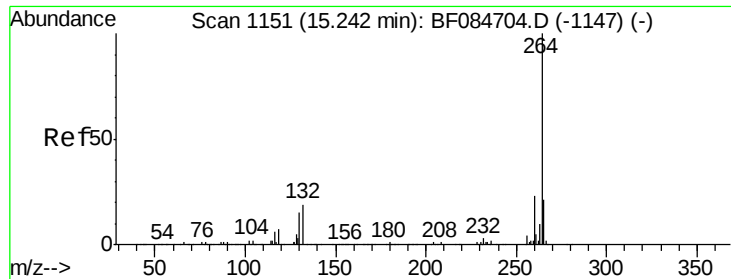


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084848.D

Acq: 5 Feb 2016 00:24

Instrument :

BNA_F

ClientSampleId :

S4-B011(10-12)

Tgt Ion:264 Resp: 303825

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 21.6 17.8 26.6

