

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084812.D
 Acq On : 4 Feb 2016 4:08
 Operator : SJ/IZ
 Sample : H1312-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(20-22)

Quant Time: Feb 04 06:06:21 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

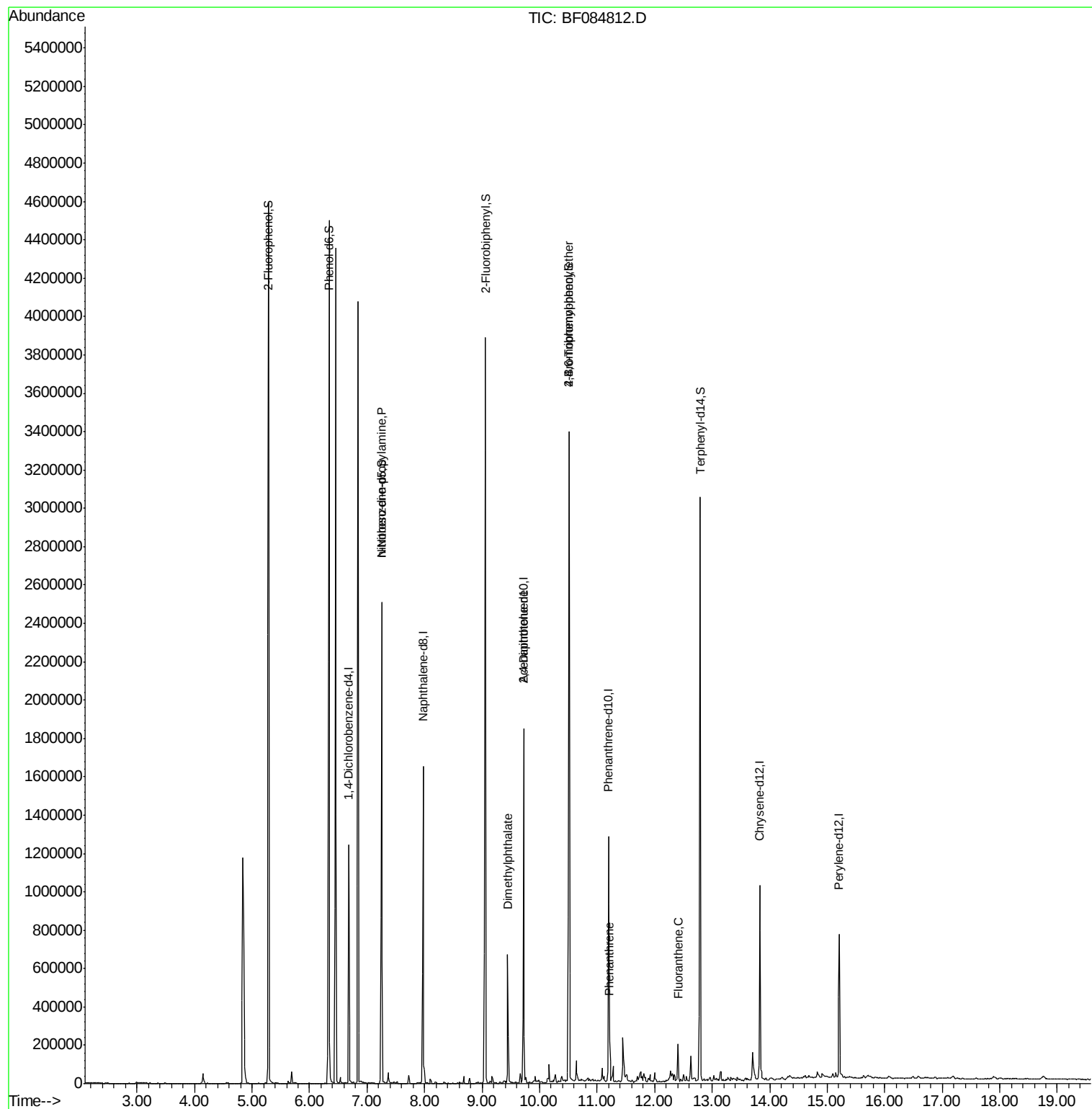
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	173421	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	783727	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	353647	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	614943	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	466305	20.00	ng	-0.01
86) Perylene-d12	15.21	264	338317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1375756	123.57	ng	0.01
7) Phenol-d6	6.34	99	1626047	117.81	ng	0.00
23) Nitrobenzene-d5	7.25	82	930536	66.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	393543	106.68	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1849159	89.73	ng	0.00
78) Terphenyl-d14	12.80	244	1477062	71.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	127426	14.73	ng	# 71
49) Dimethylphthalate	9.45	163	287734	10.68	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	46334	6.17	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	24710	3.64	ng	# 1
70) Phenanthrene	11.22	178	92062	2.70	ng	98
74) Fluoranthene	12.41	202	73318	2.12	ng	96

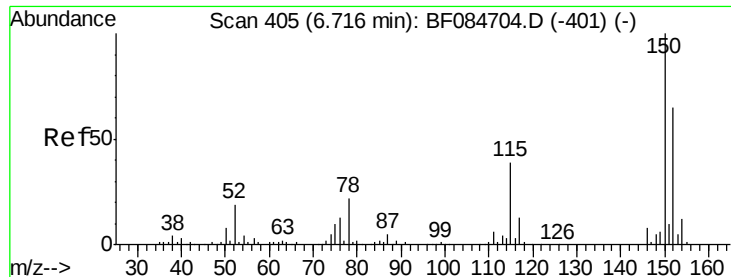
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

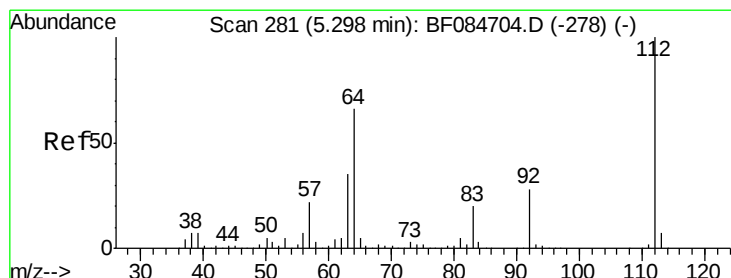
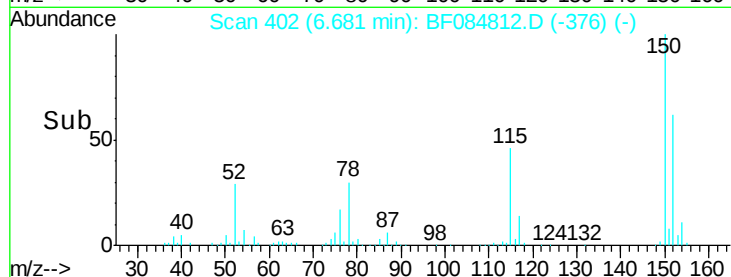
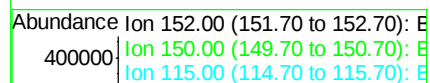
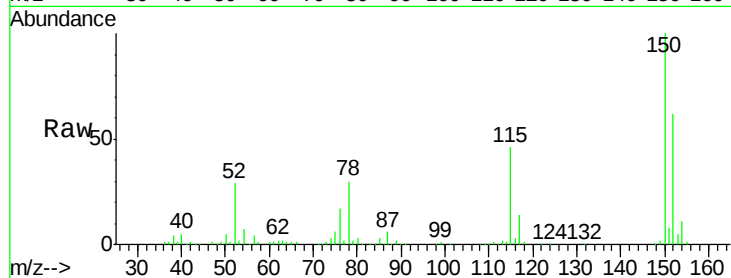
Tgt Ion:152 Resp: 173421

Ion Ratio Lower Upper

152 100

150 161.4 123.0 184.4

115 73.8 51.4 77.2



#5

2-Fluorophenol

Concen: 123.57 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

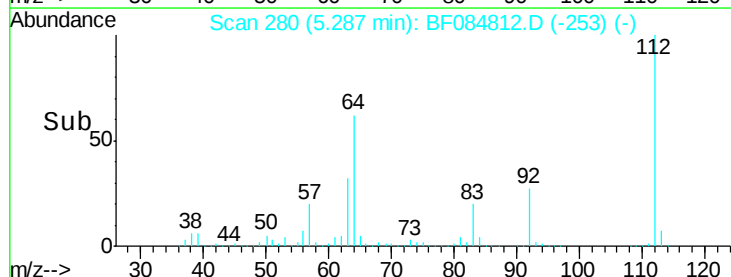
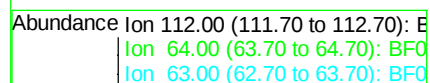
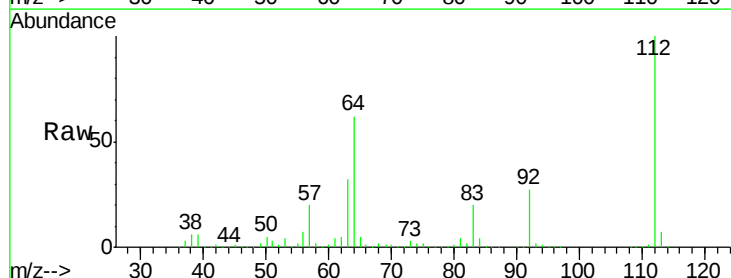
Tgt Ion:112 Resp: 1375756

Ion Ratio Lower Upper

112 100

64 61.8 36.6 55.0#

63 32.3 19.4 29.0#





#7

Phenol-d6

Concen: 117.81 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

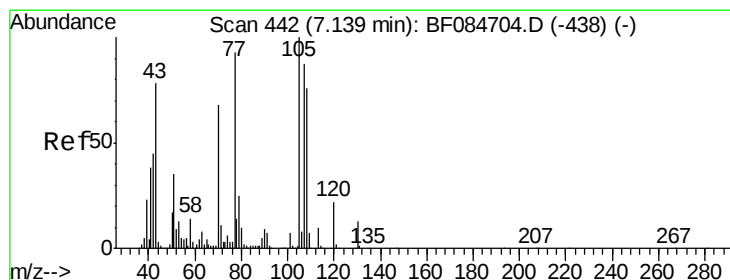
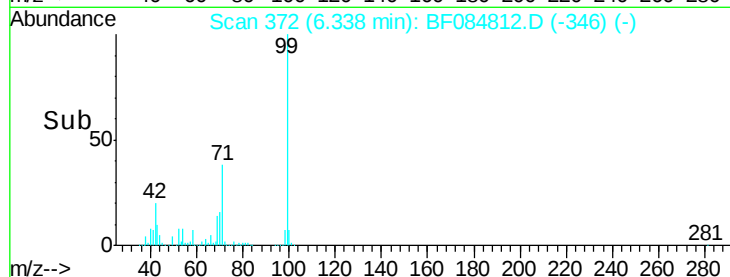
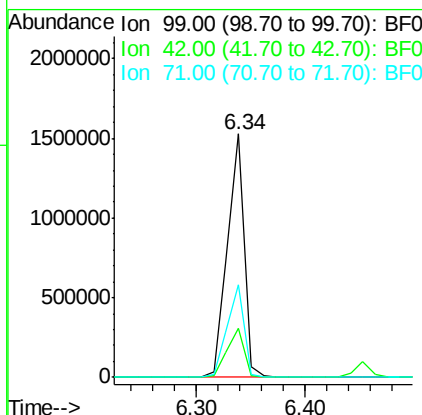
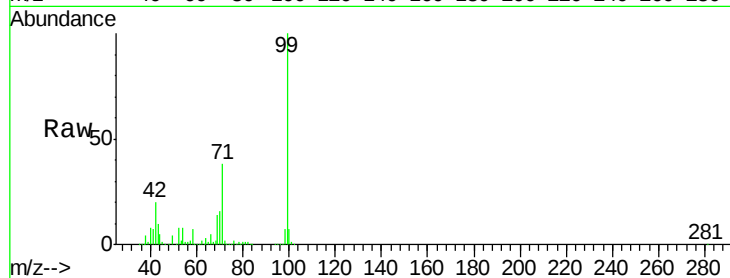
Tgt Ion: 99 Resp: 1626047

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

71 38.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.73 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Tgt Ion: 70 Resp: 127426

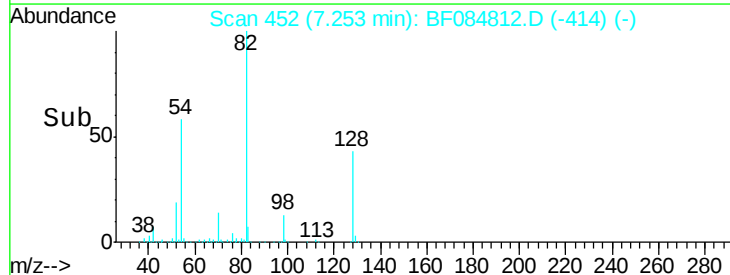
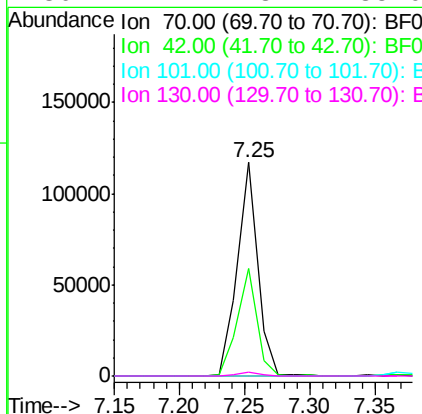
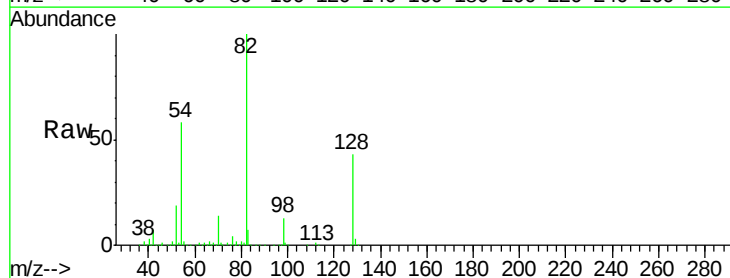
Ion Ratio Lower Upper

70 100

42 50.2 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

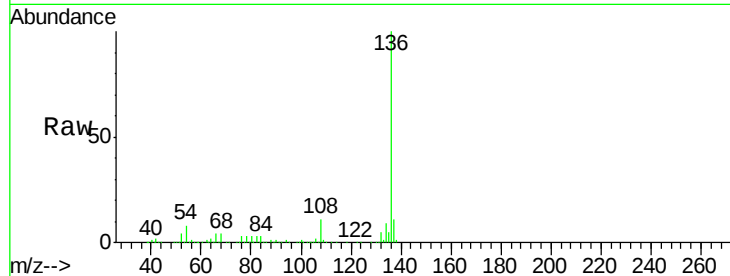




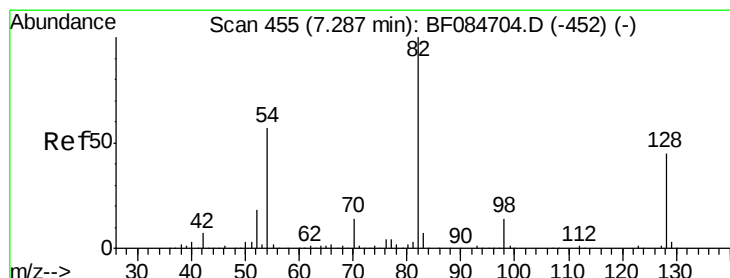
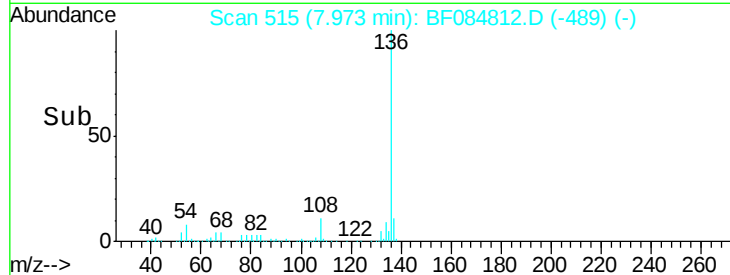
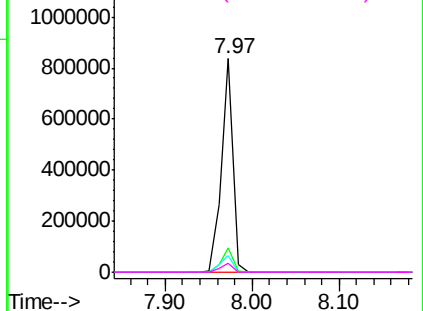
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084812.D
Acq: 4 Feb 2016 4:08

Instrument :
BNA_F
ClientSampleId :
SUP-B005(20-22)

Tgt Ion:	136	Resp:	783727
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	5.8	8.8
68	4.5	4.2	6.2

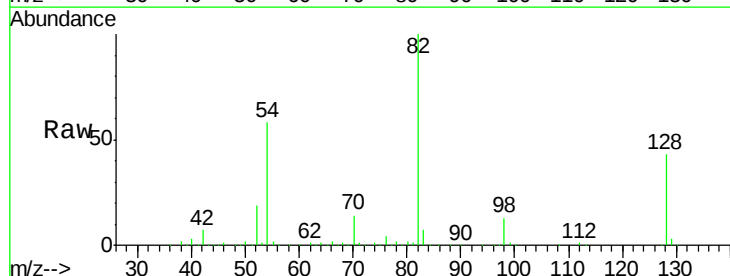


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

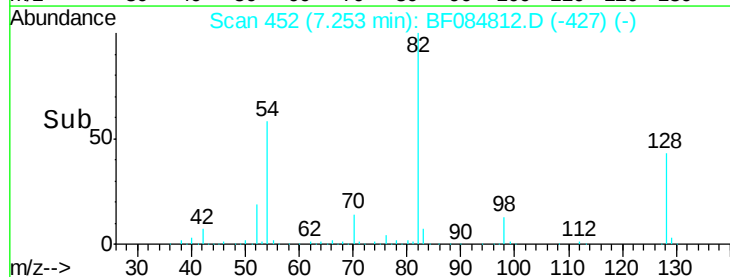
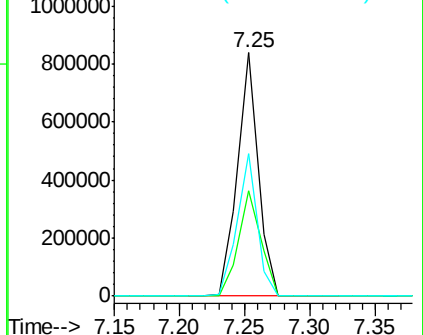


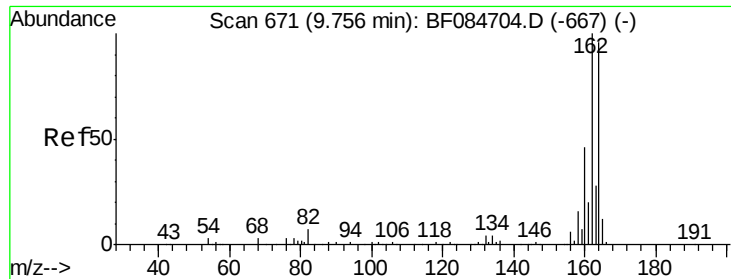
#23
Nitrobenzene-d5
Concen: 66.88 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084812.D
Acq: 4 Feb 2016 4:08

Tgt Ion:	82	Resp:	930536
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	58.3	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

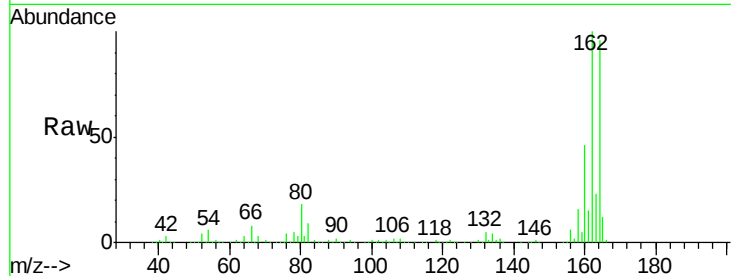
Tgt Ion:164 Resp: 353647

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

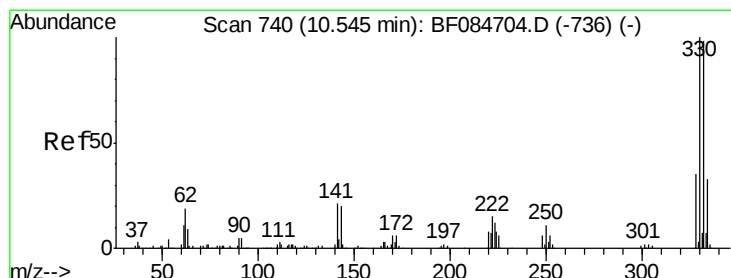
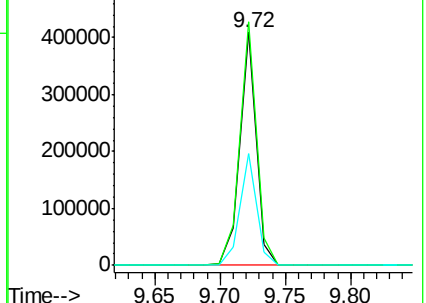
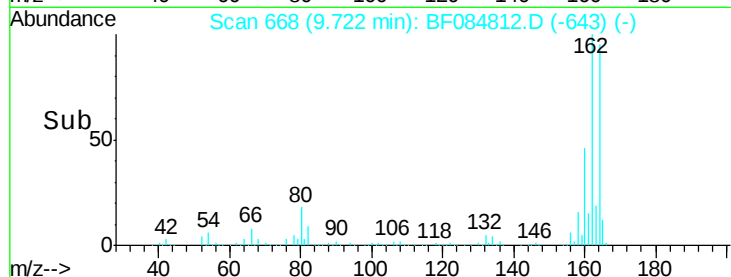
160 48.2 37.5 56.3



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: 106.68 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

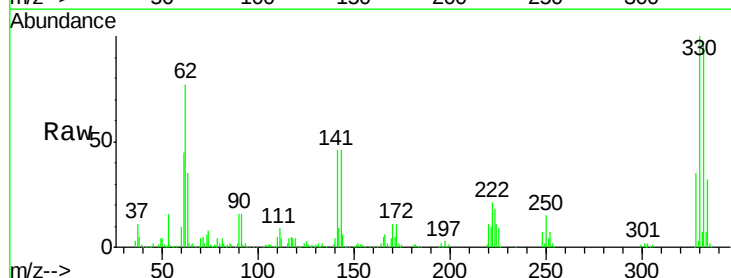
Tgt Ion:330 Resp: 393543

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

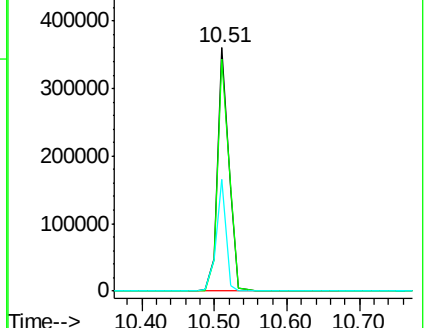
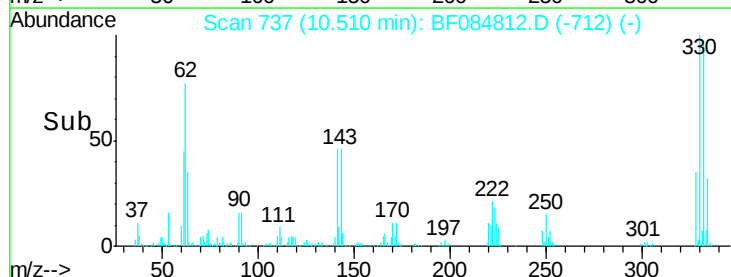
141 39.3 27.8 41.6

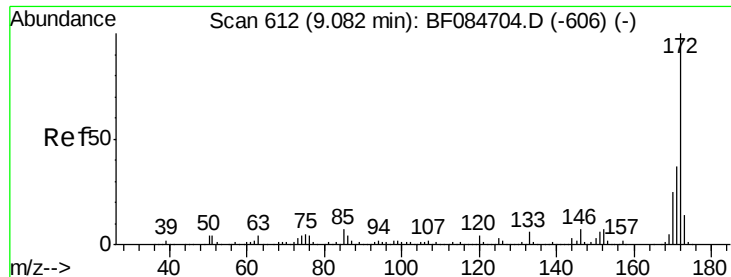


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

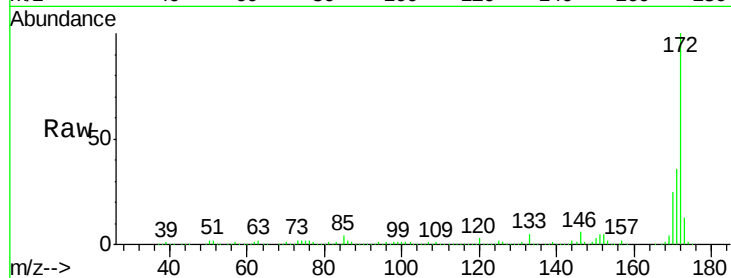




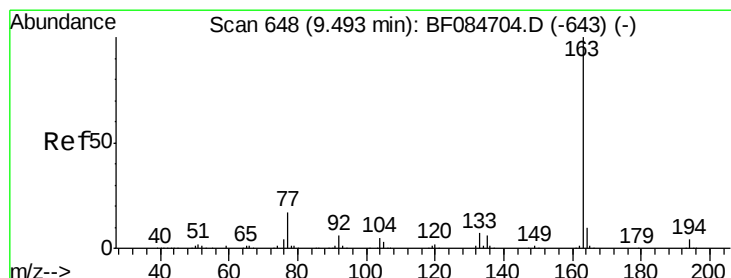
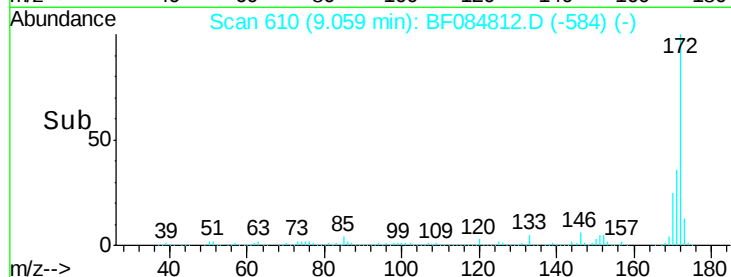
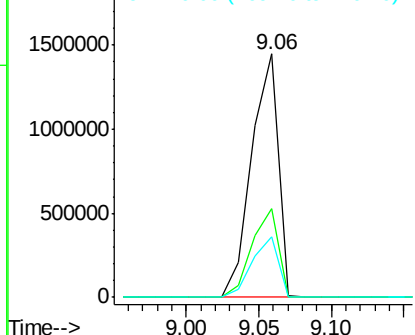
#44
 2-Fluorobiphenyl
 Concen: 89.73 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084812.D
 Acq: 4 Feb 2016 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(20-22)

Tgt Ion:172 Resp: 1849159
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 25.0 18.6 27.8

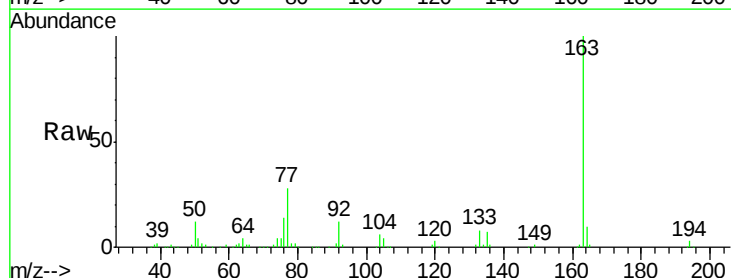


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

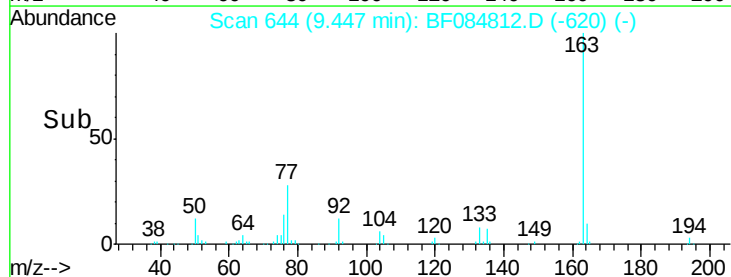
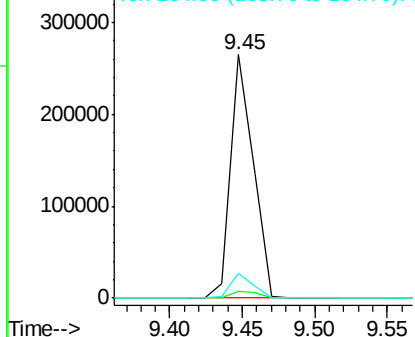


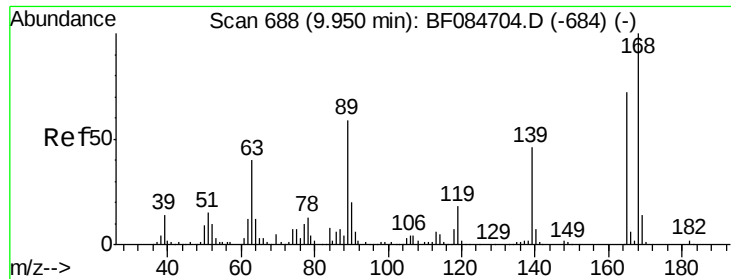
#49
 Dimethylphthalate
 Concen: 10.68 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF084812.D
 Acq: 4 Feb 2016 4:08

Tgt Ion:163 Resp: 287734
 Ion Ratio Lower Upper
 163 100
 194 3.0 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

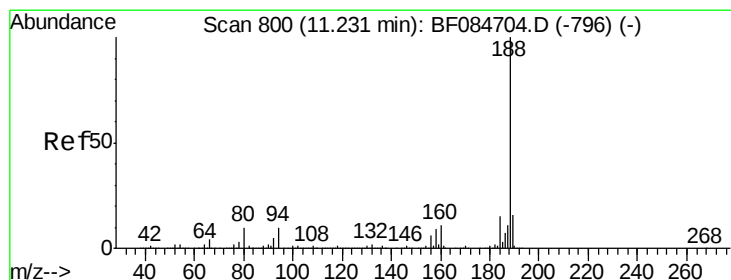
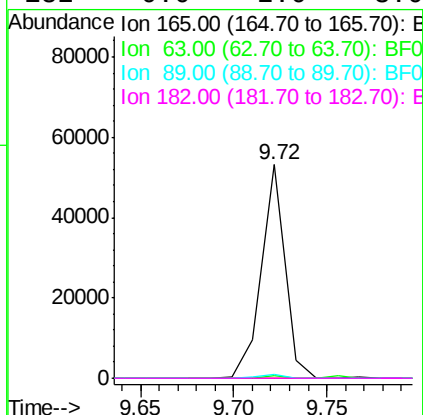
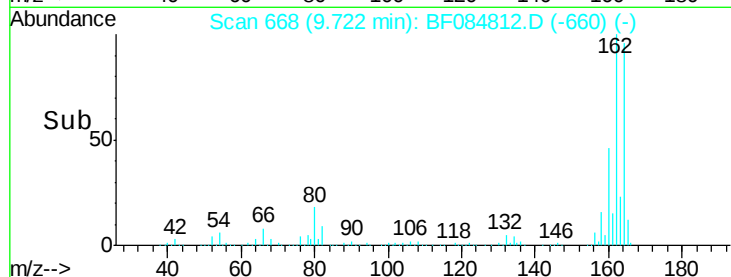
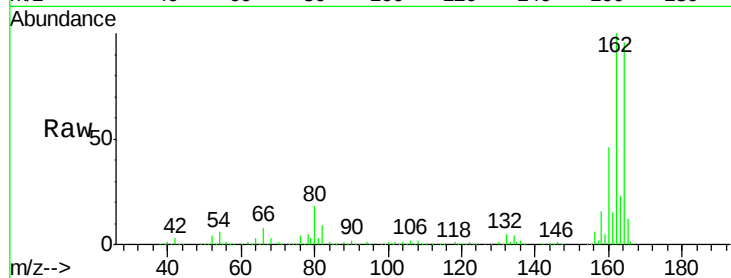




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF084812.D
 Acq: 4 Feb 2016 4:08

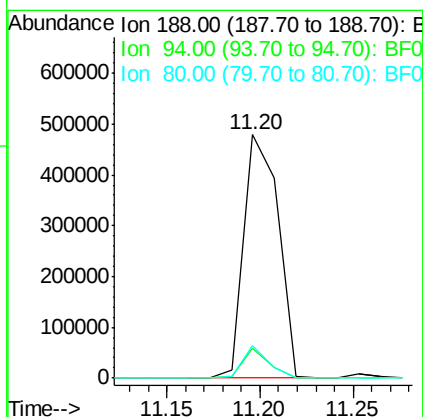
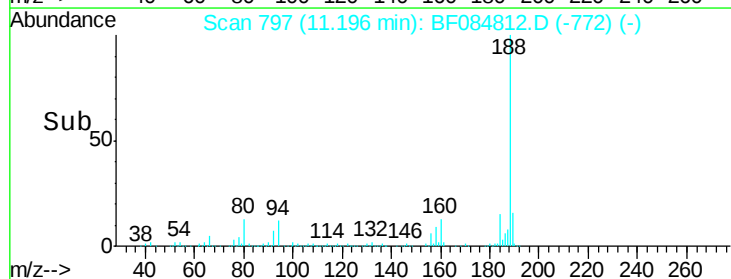
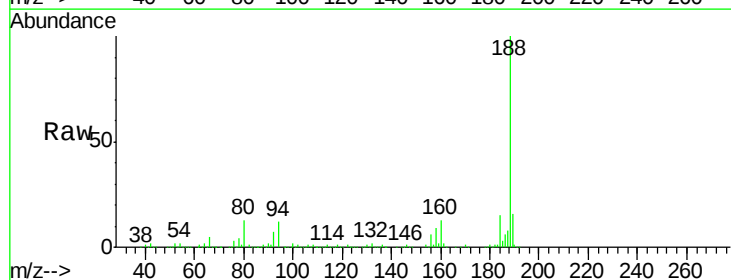
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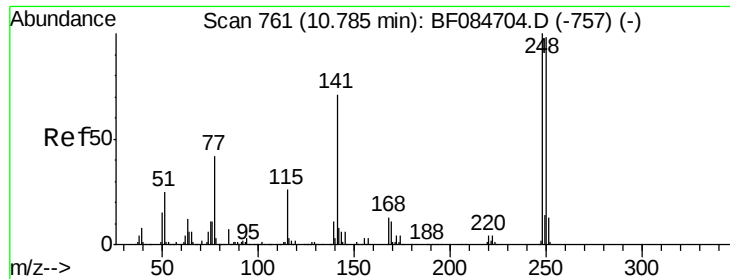
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF084812.D
 Acq: 4 Feb 2016 4:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.0	13.4
80	13.2	9.6	14.4





#66

4-Bromophenyl-phenylether

Concen: 3.64 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

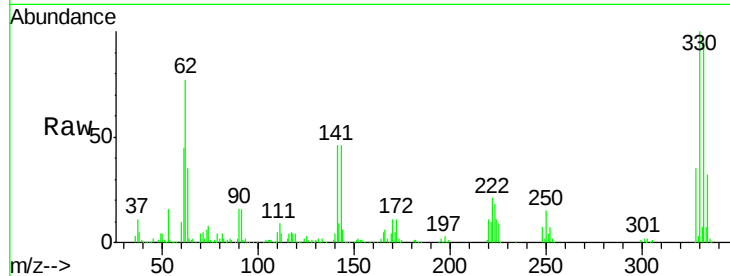
Tgt Ion:248 Resp: 24710

Ion Ratio Lower Upper

248 100

250 203.7 78.4 117.6#

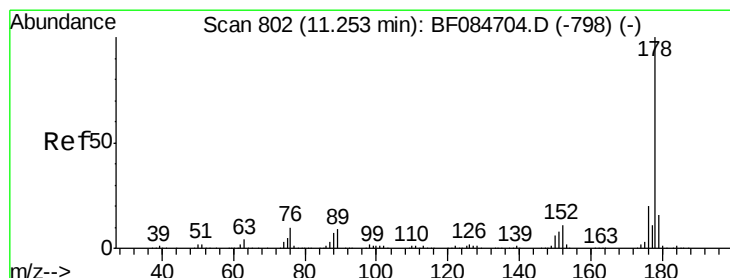
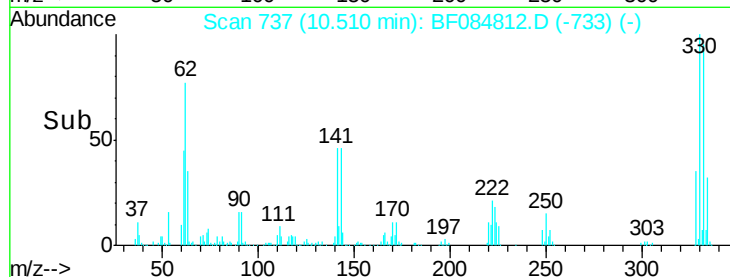
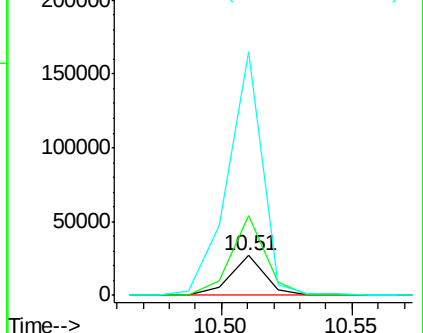
141 616.9 44.0 66.0#



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



#70

Phenanthrene

Concen: 2.70 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

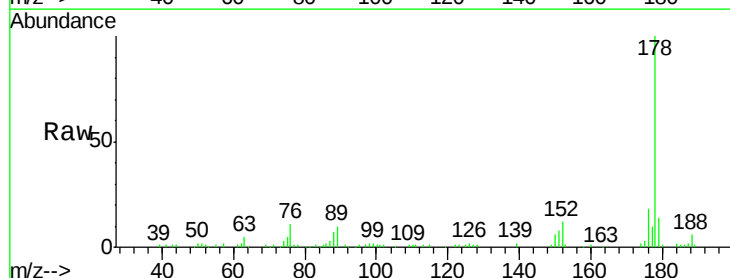
Tgt Ion:178 Resp: 92062

Ion Ratio Lower Upper

178 100

176 18.0 15.3 22.9

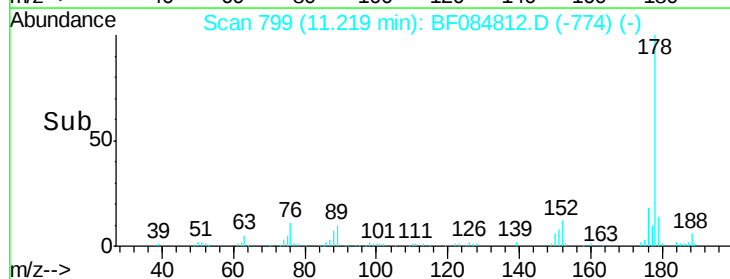
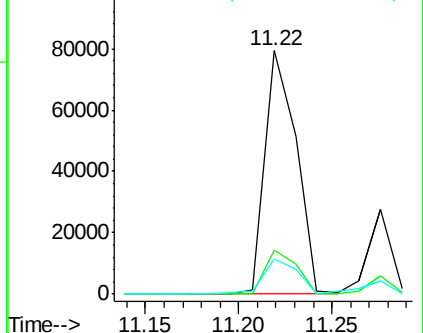
179 14.5 12.0 18.0

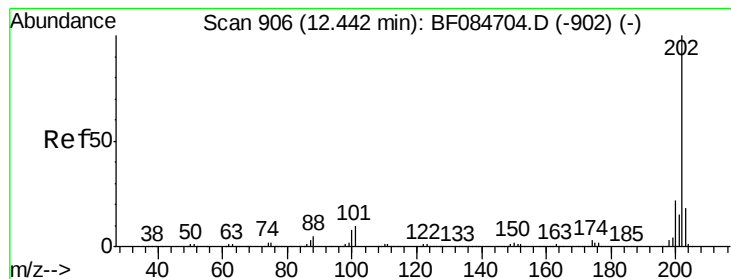


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.12 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

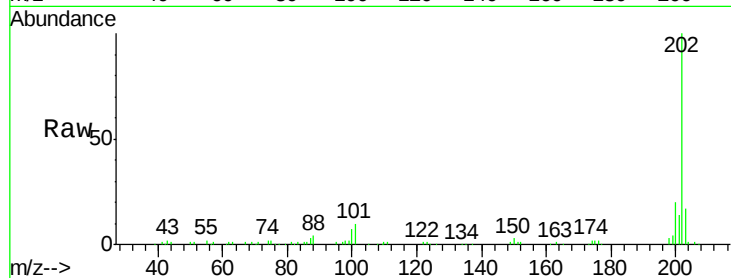
Tgt Ion:202 Resp: 73318

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.8

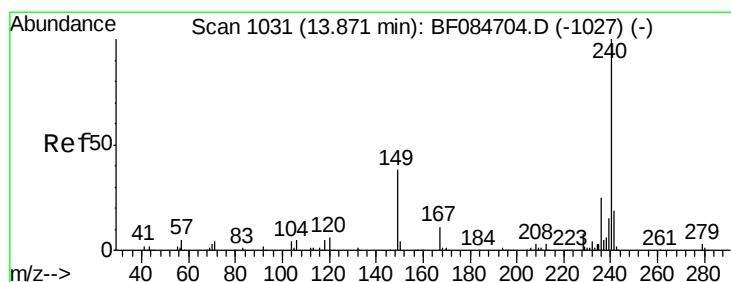
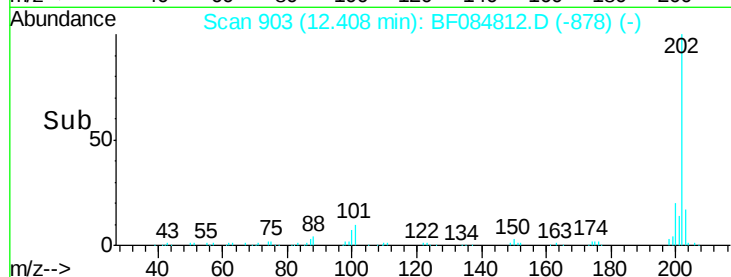
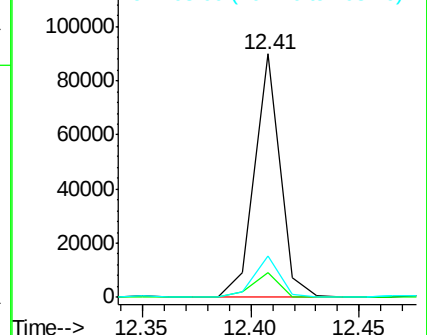
203 17.0 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

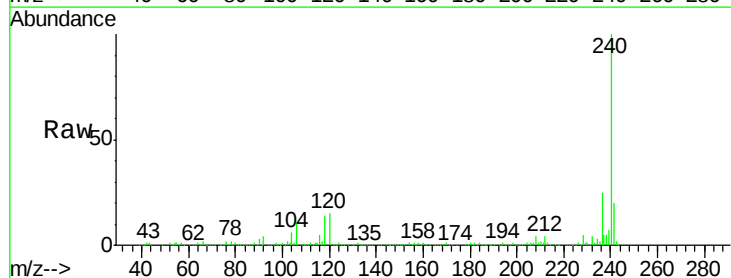
Tgt Ion:240 Resp: 466305

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

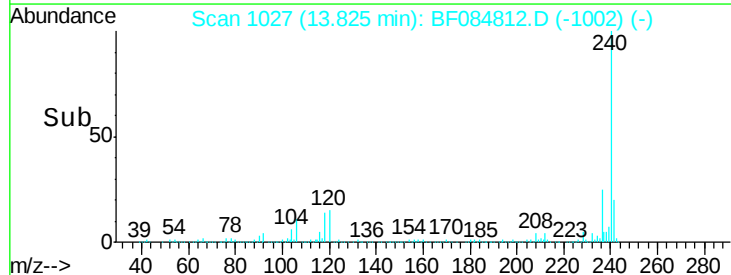
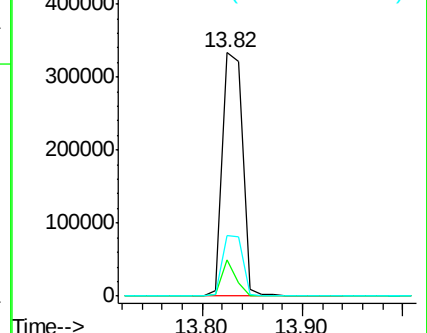
236 25.0 20.6 31.0

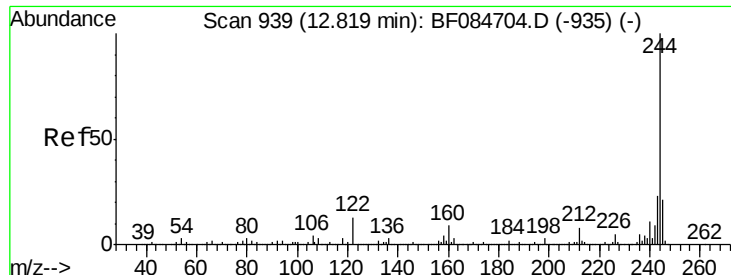


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.78 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SUP-B005(20-22)

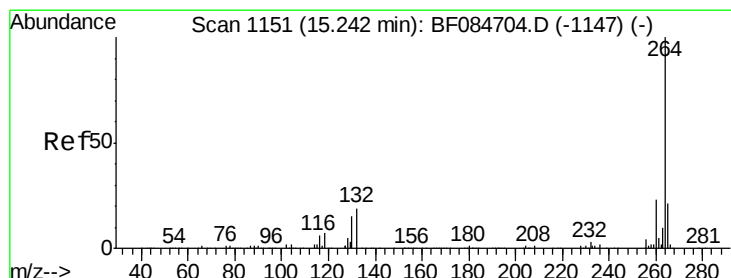
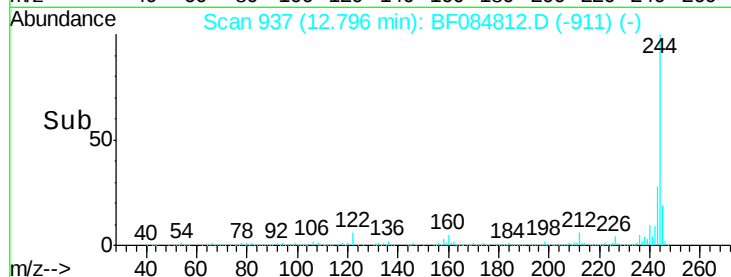
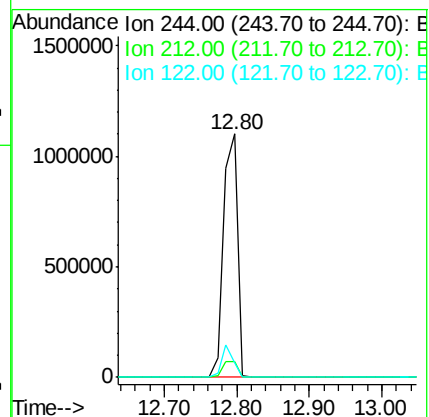
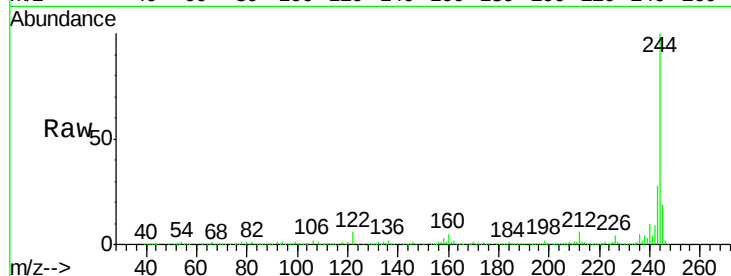
Tgt Ion:244 Resp: 1477062

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 5.9 7.4 11.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF084812.D

Acq: 4 Feb 2016 4:08

Tgt Ion:264 Resp: 338317

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.6 17.8 26.6

