

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084824.D
 Acq On : 4 Feb 2016 9:44
 Operator : SJ/IZ
 Sample : H1322-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B020(15-17)

Quant Time: Feb 04 10:22:52 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

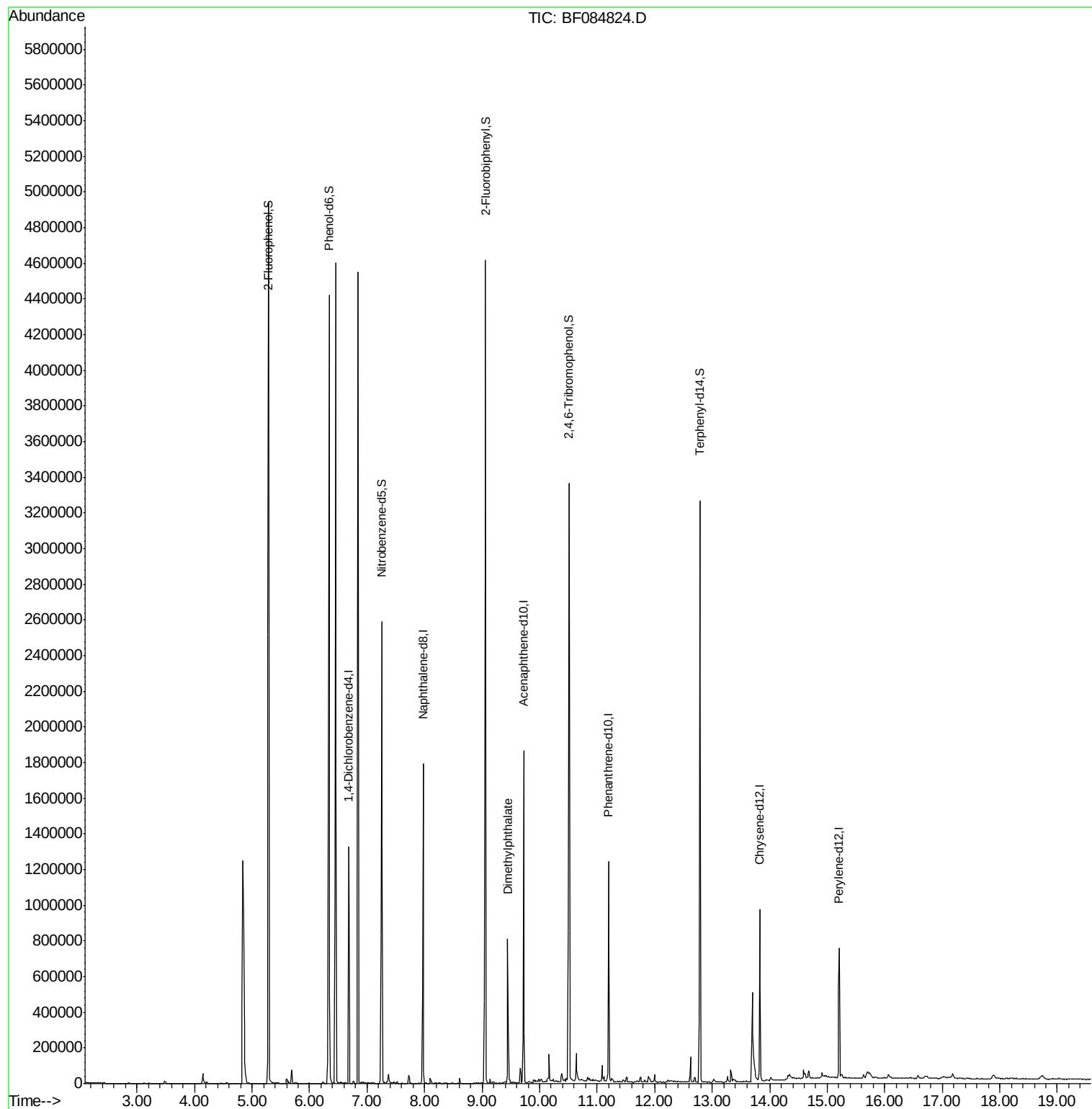
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	183989	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	812536	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	347533	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	569630	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	393529	20.00	ng	-0.01
86) Perylene-d12	15.21	264	355889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1476903	125.03	ng	0.01
7) Phenol-d6	6.34	99	1689814	115.39	ng	0.00
23) Nitrobenzene-d5	7.25	82	1100570	76.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	386484	106.61	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1863042	93.36	ng	0.00
78) Terphenyl-d14	12.78	244	1364888	78.59	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	344953	13.03	ng	Qvalue # 90

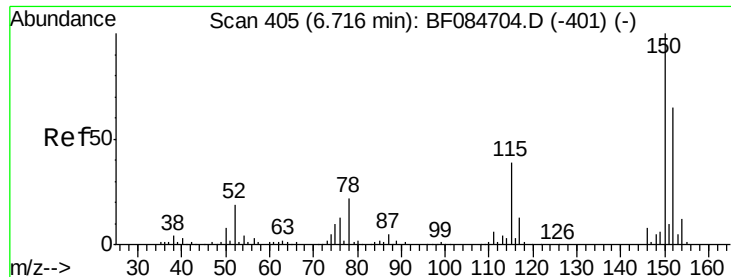
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

S4-B020(15-17)

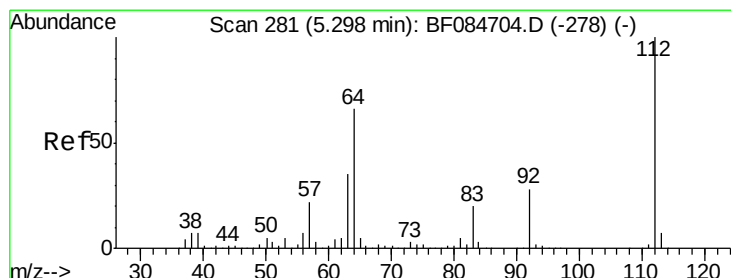
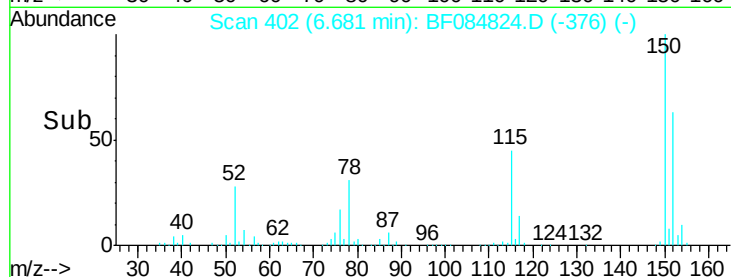
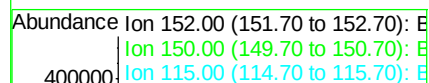
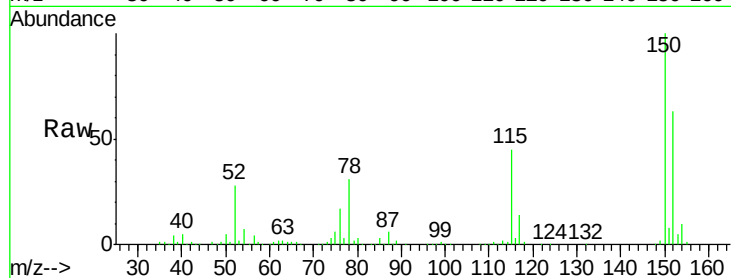
Tot Ion:152 Resp: 183989

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

115 70.7 51.4 77.2



#5

2-Fluorophenol

Concen: 125.03 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

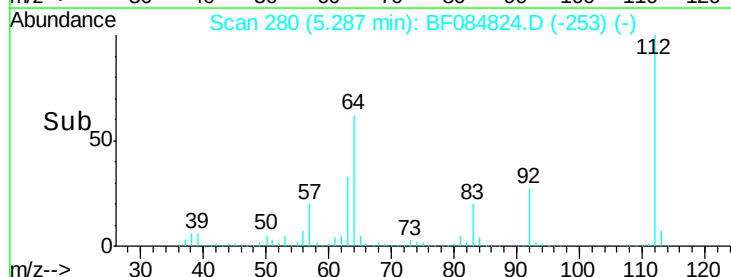
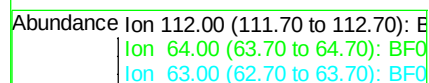
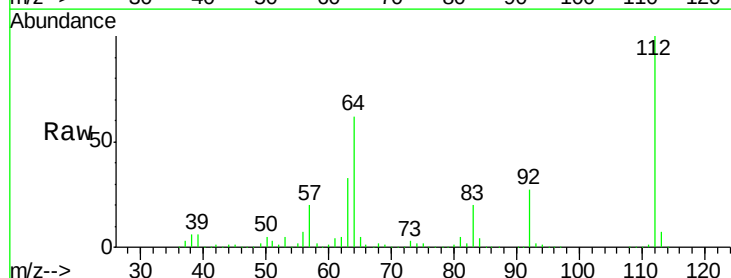
Tgt Ion:112 Resp: 1476903

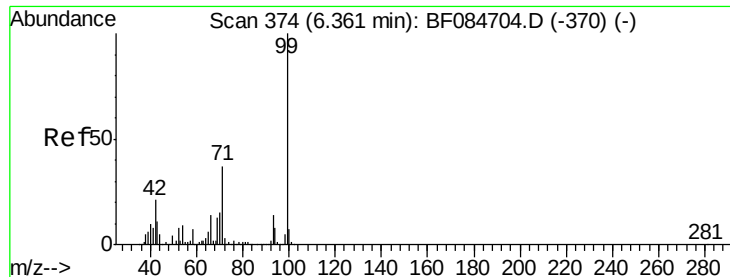
Ion Ratio Lower Upper

112 100

64 62.3 36.6 55.0#

63 33.2 19.4 29.0#





#7

Phenol-d6

Concen: 115.39 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

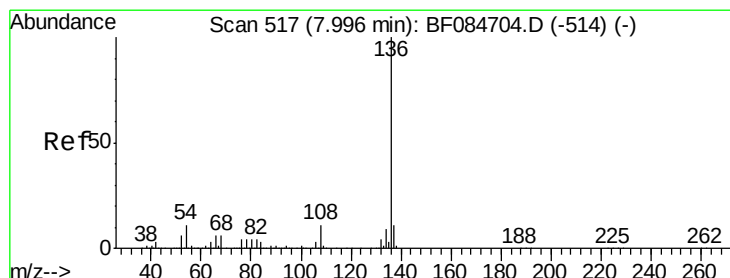
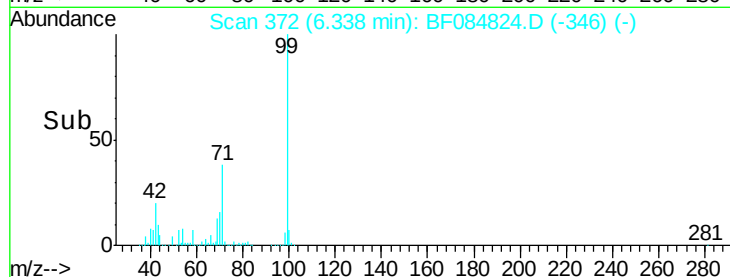
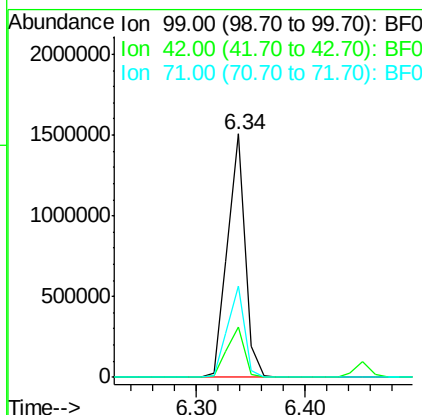
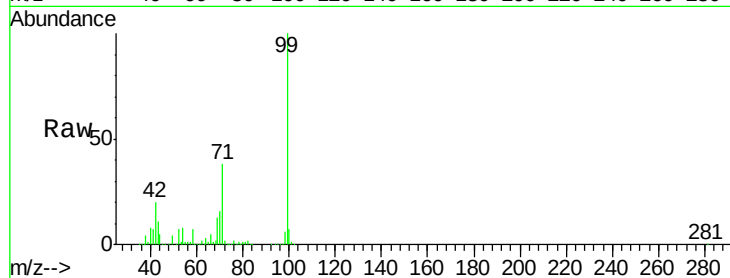
BNA_F

ClientSampleId :

S4-B020(15-17)

Tot Ion: 99 Resp: 1689814

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

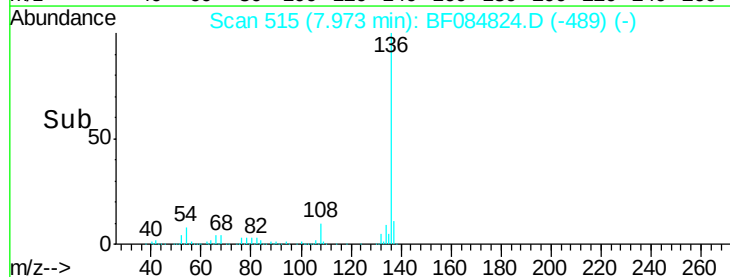
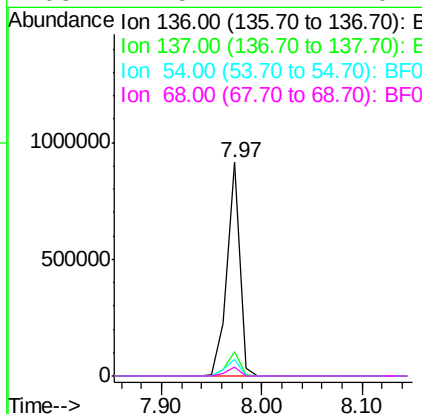
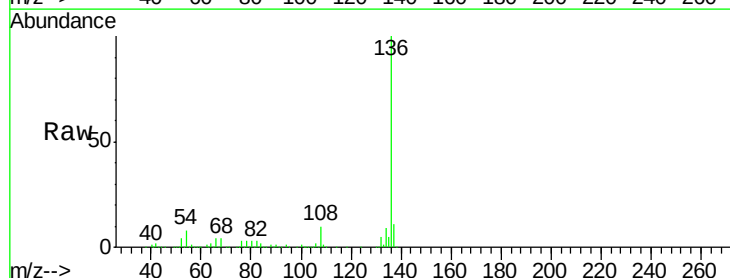
Delta R.T. -0.00 min

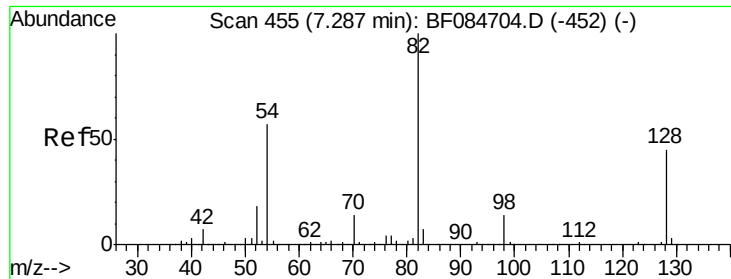
Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Tgt Ion: 136 Resp: 812536

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.7	5.8	8.8
68	4.5	4.2	6.2





#23

Nitrobenzene-d5

Concen: 76.30 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

S4-B020(15-17)

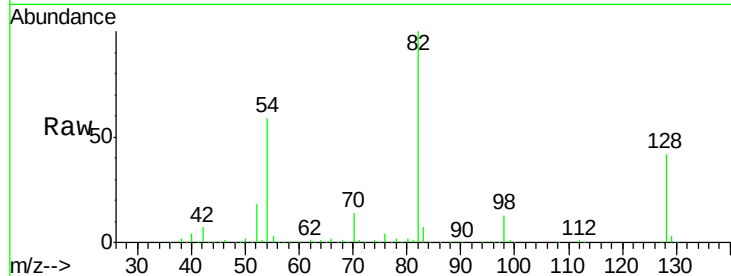
Tot Ion: 82 Resp: 1100570

Ion Ratio Lower Upper

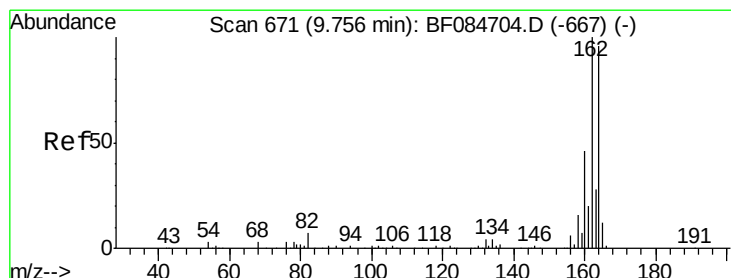
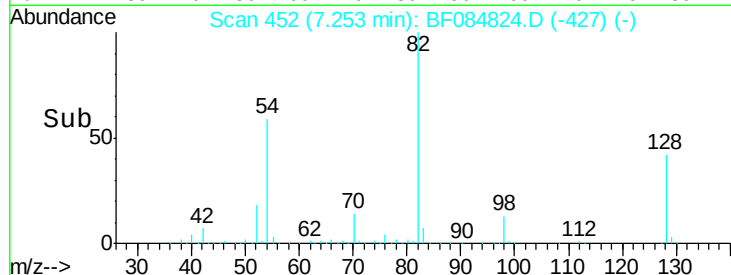
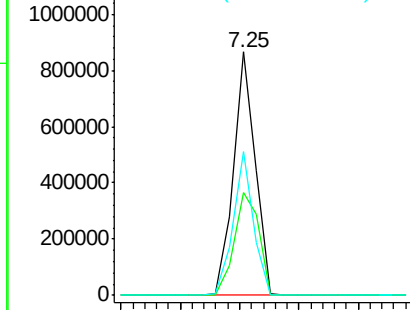
82 100

128 42.1 34.6 51.8

54 58.9 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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

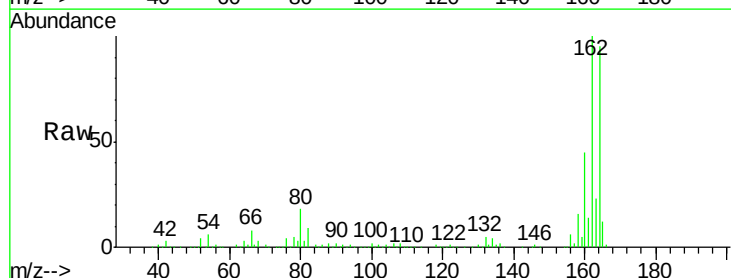
Tgt Ion:164 Resp: 347533

Ion Ratio Lower Upper

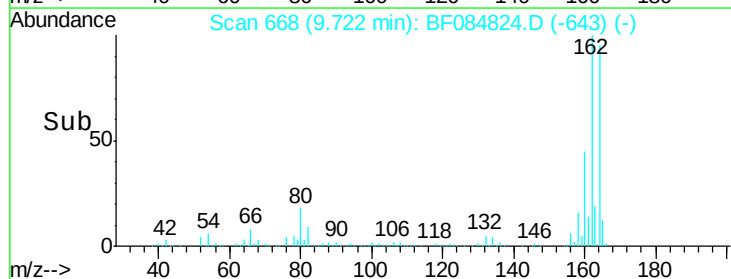
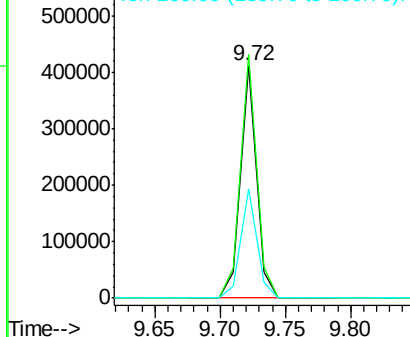
164 100

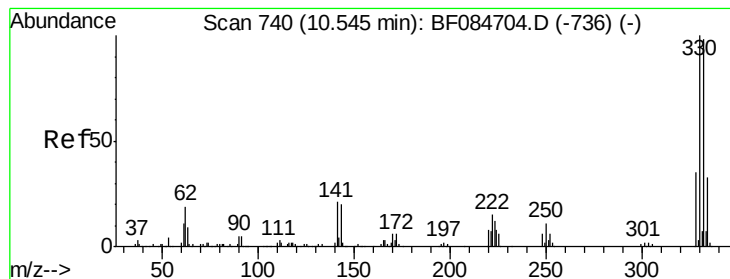
162 104.7 85.1 127.7

160 47.2 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: 106.61 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

S4-B020(15-17)

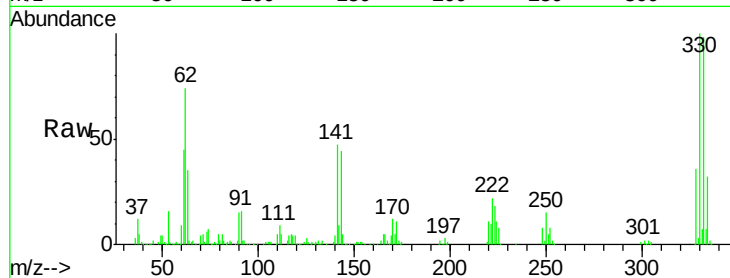
Tot Ion:330 Resp: 386484

Ion Ratio Lower Upper

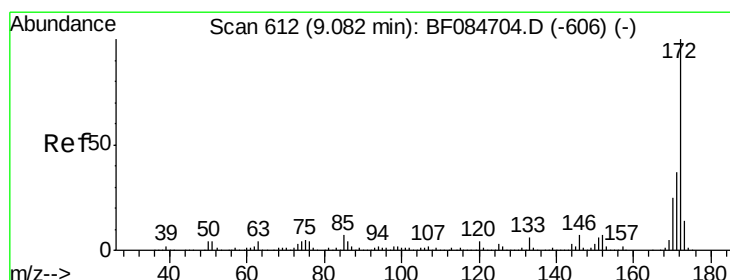
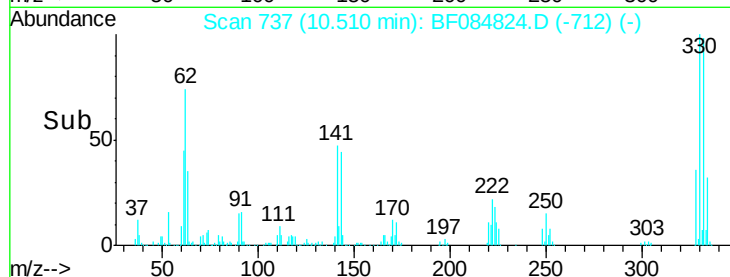
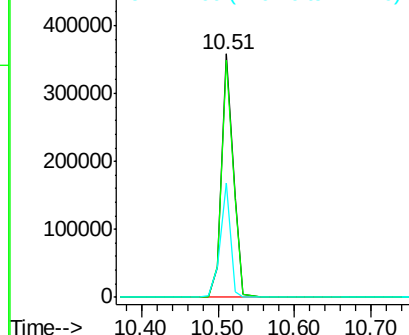
330 100

332 97.8 76.6 114.8

141 40.1 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: 93.36 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

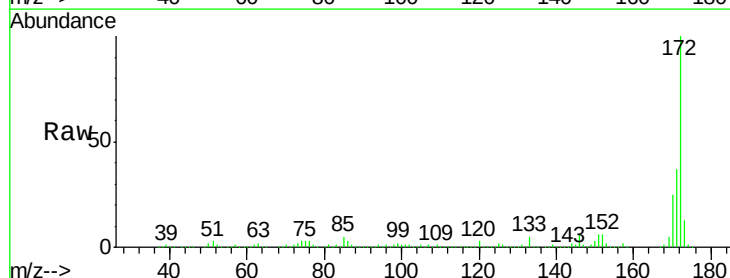
Tgt Ion:172 Resp: 1863042

Ion Ratio Lower Upper

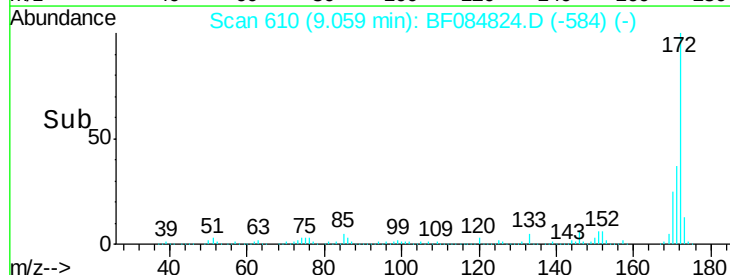
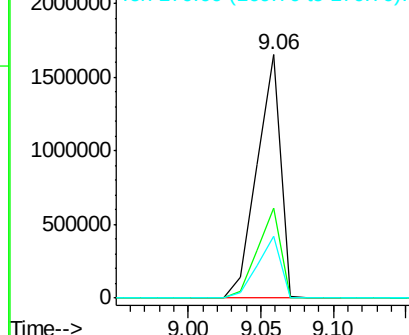
172 100

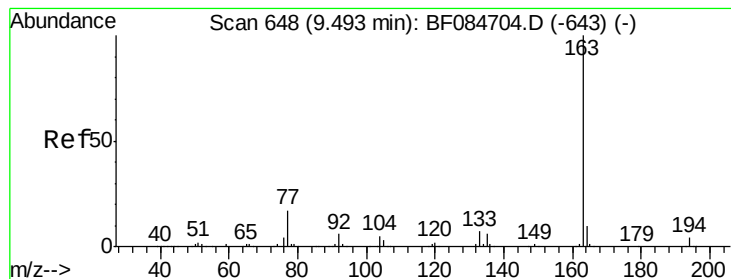
171 37.1 28.9 43.3

170 25.4 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: 13.03 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

S4-B020(15-17)

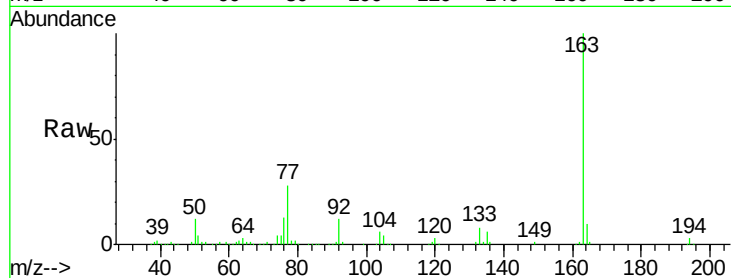
Tot Ion:163 Resp: 344953

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

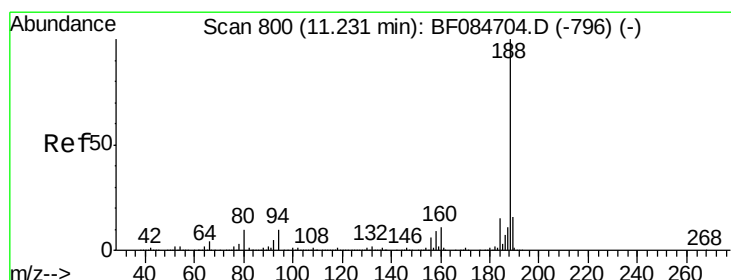
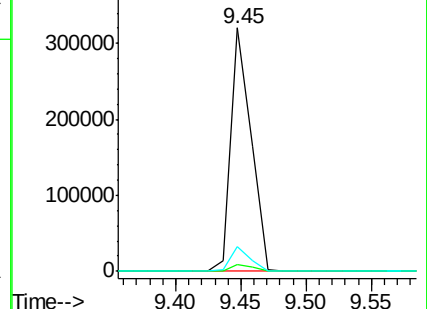
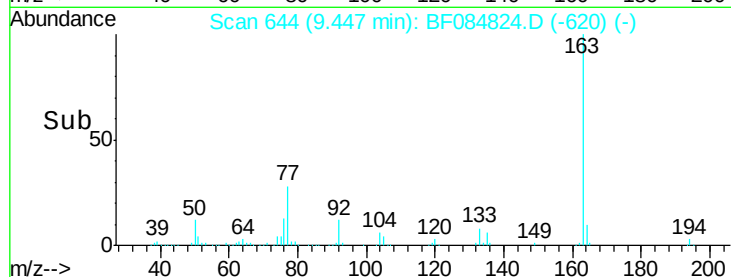
164 10.3 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

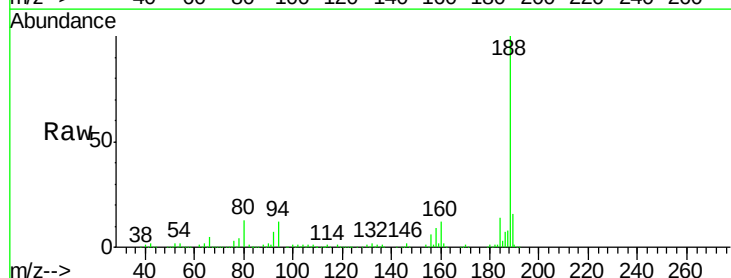
Tgt Ion:188 Resp: 569630

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.4

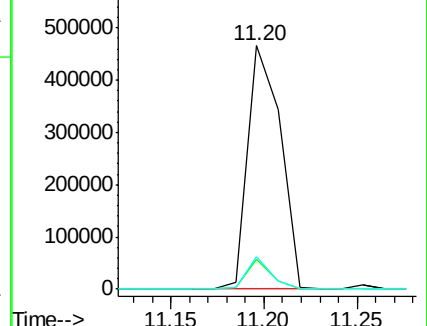
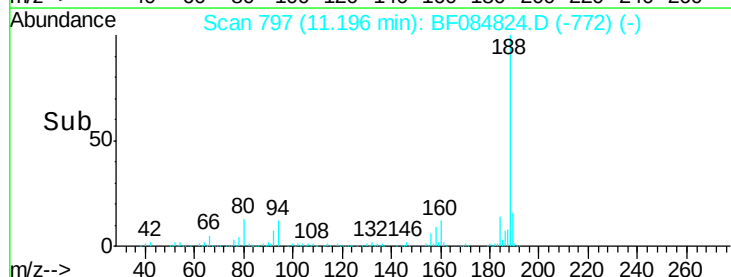
80 13.1 9.6 14.4

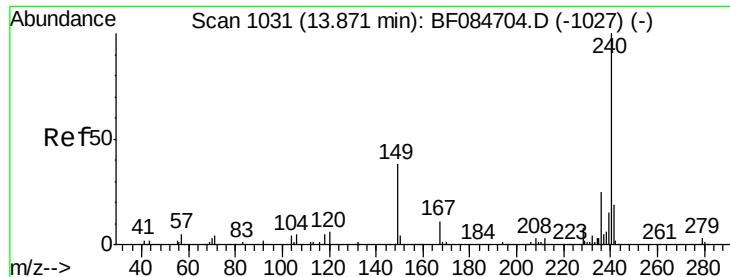


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

S4-B020(15-17)

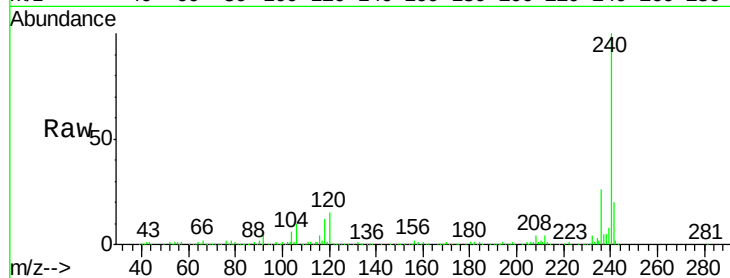
Tot Ion:240 Resp: 393529

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

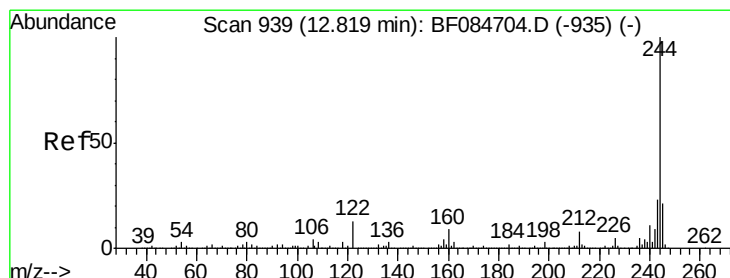
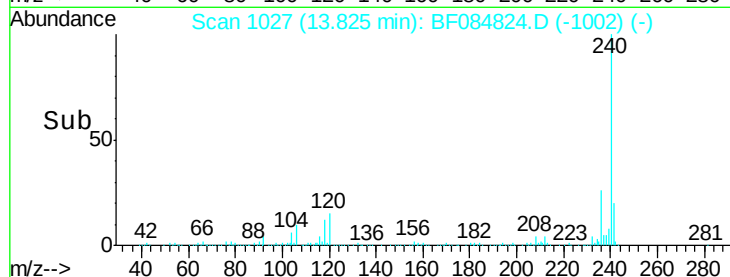
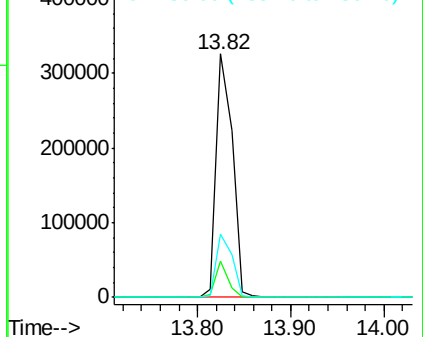
236 26.1 20.6 31.0



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: 78.59 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

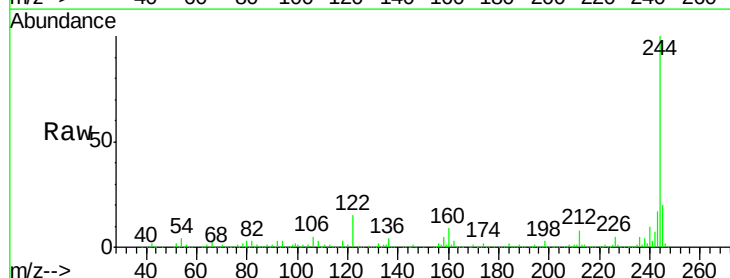
Tgt Ion:244 Resp: 1364888

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

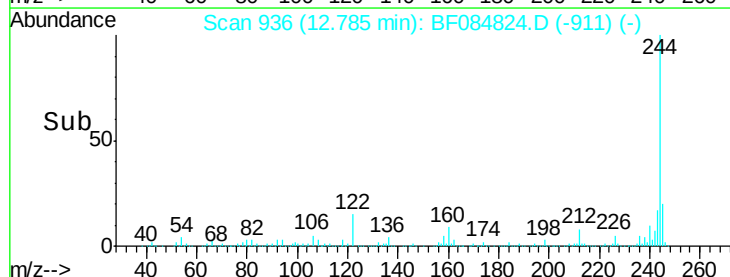
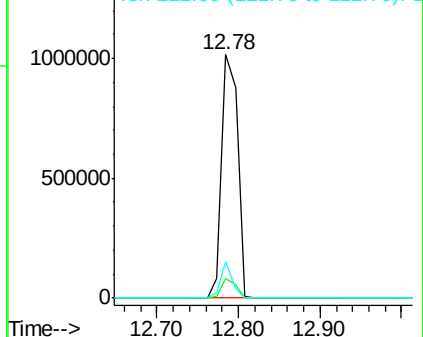
122 15.1 7.4 11.0#

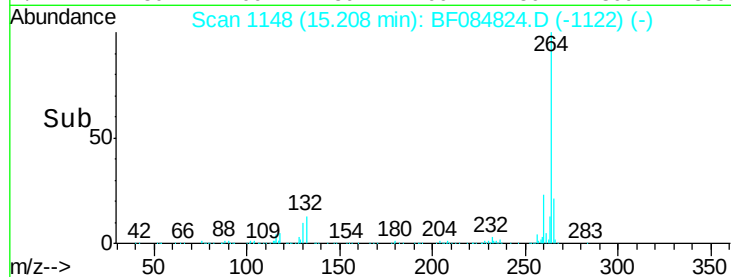
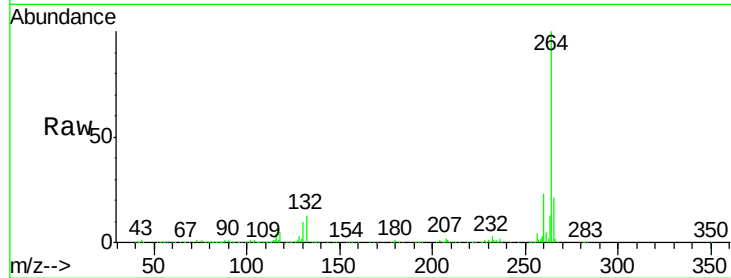
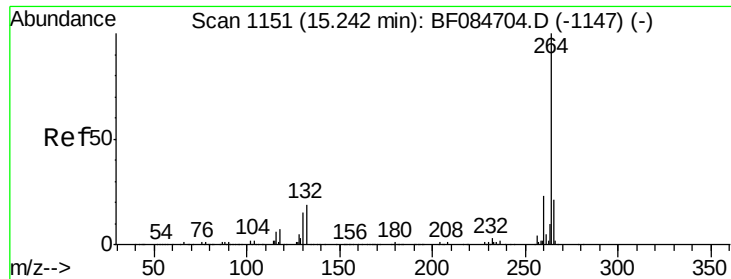


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

S4-B020(15-17)

Tot Ion:264 Resp: 355889

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.2

265 21.2 17.8 26.6

