

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084822.D
 Acq On : 4 Feb 2016 8:48
 Operator : SJ/IZ
 Sample : H1322-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B008(26-28)

Quant Time: Feb 04 10:10:30 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

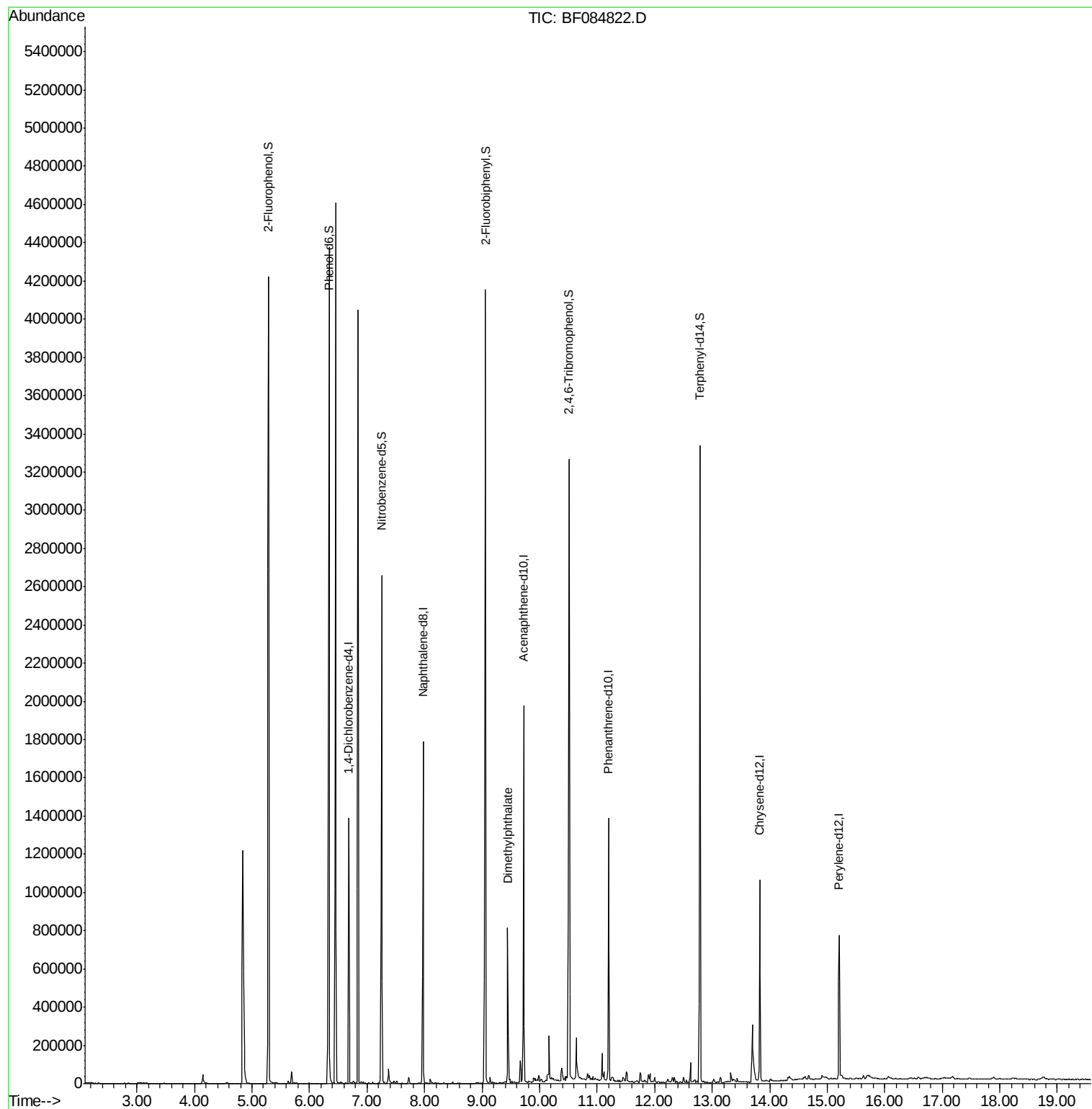
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	192254	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	830354	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	370862	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	607252	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	431593	20.00	ng	-0.01
86) Perylene-d12	15.21	264	364450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1402763	113.65	ng	0.01
7) Phenol-d6	6.34	99	1615210	105.56	ng	0.00
23) Nitrobenzene-d5	7.25	82	942293	63.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	368059	95.14	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1852008	83.63	ng	0.00
78) Terphenyl-d14	12.79	244	1444279	75.83	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	326720	11.57	ng	Qvalue # 90

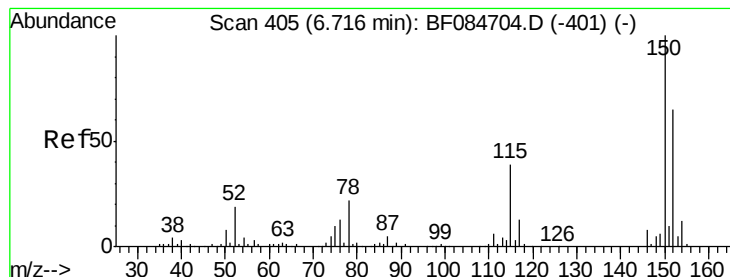
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084822.D

Acq: 4 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

S4-B008(26-28)

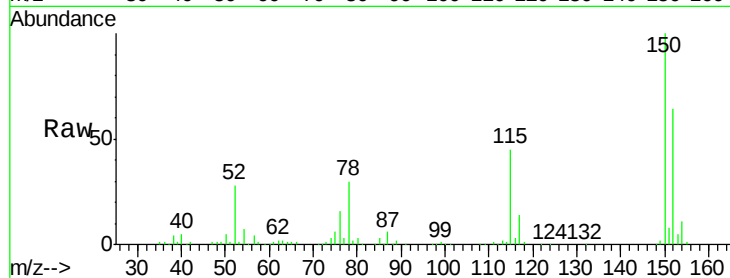
Tot Ion:152 Resp: 192254

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

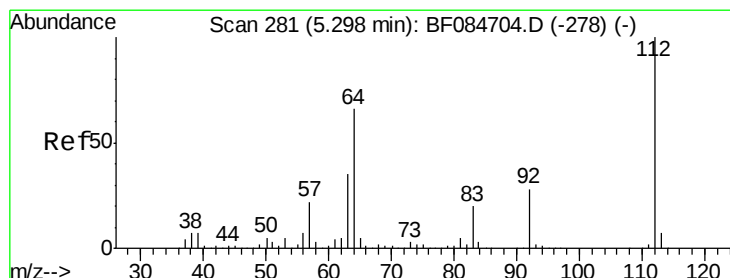
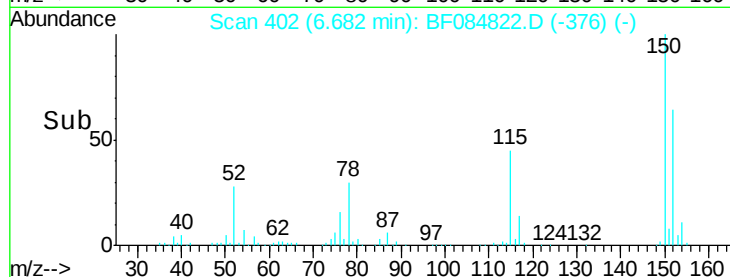
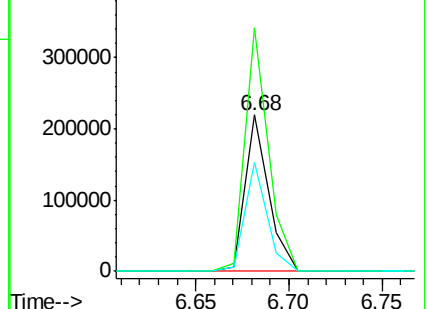
115 70.4 51.4 77.2



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: 113.65 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

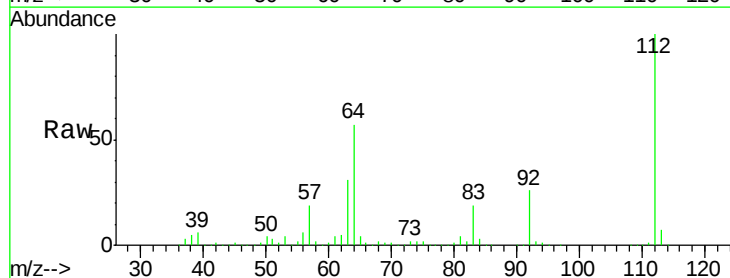
Tgt Ion:112 Resp: 1402763

Ion Ratio Lower Upper

112 100

64 57.4 36.6 55.0#

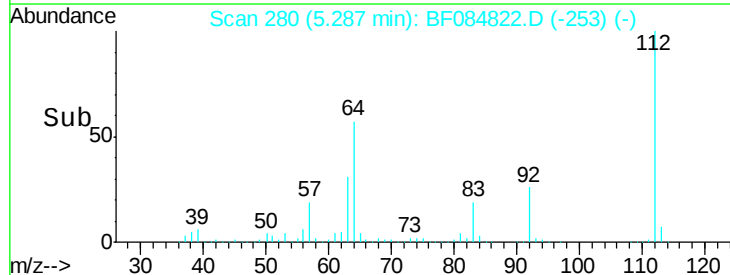
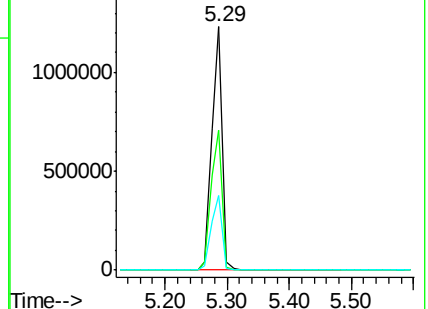
63 30.8 19.4 29.0#



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: 105.56 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Instrument :

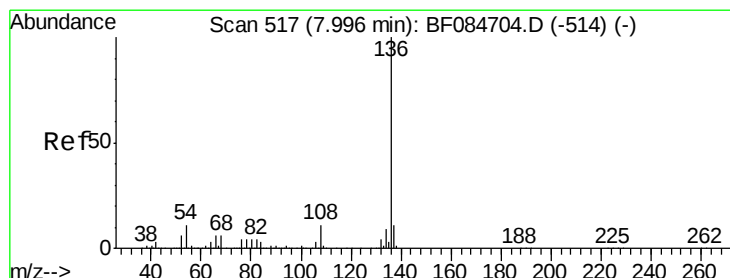
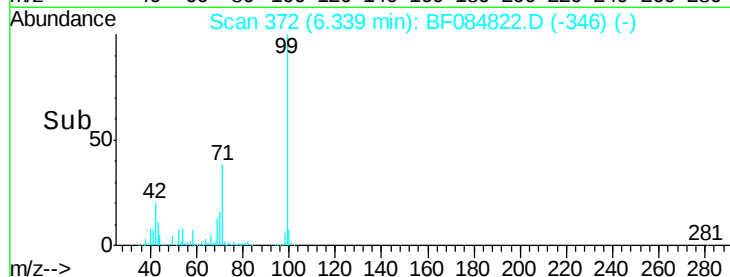
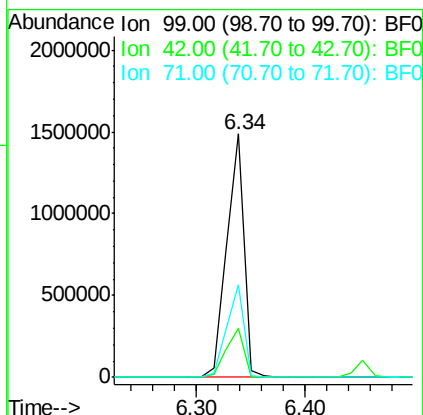
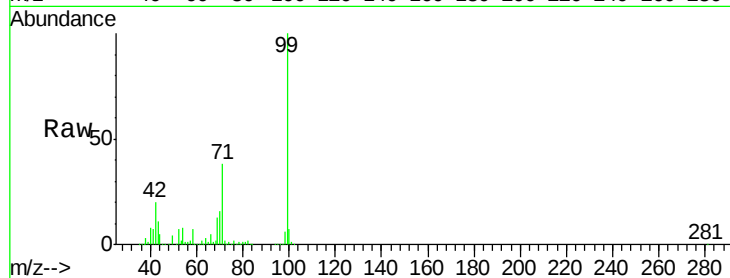
BNA_F

ClientSampleId :

S4-B008(26-28)

Tot Ion: 99 Resp: 1615210

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	38.1	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

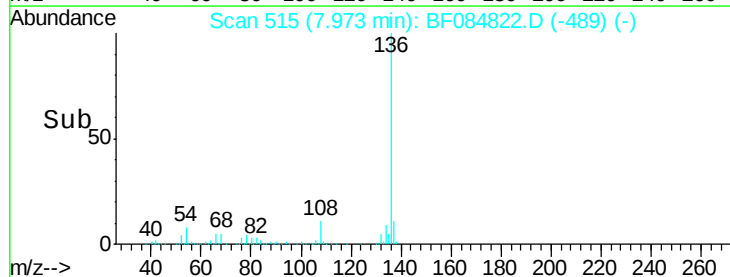
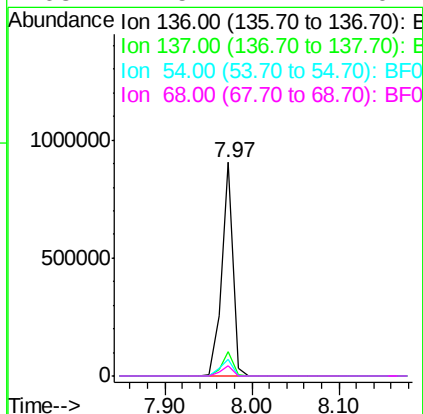
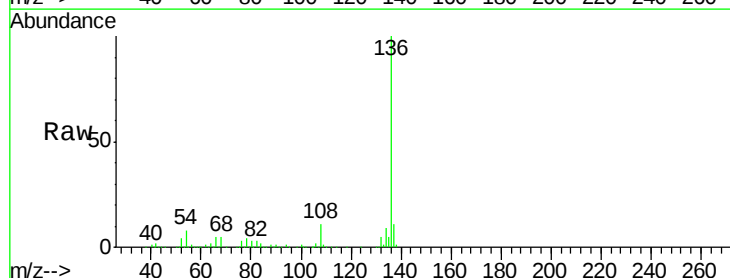
Delta R.T. 0.00 min

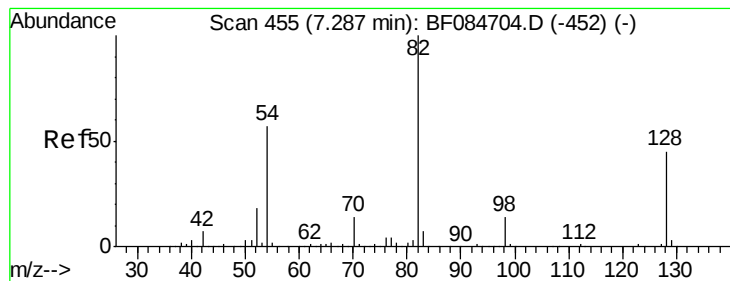
Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Tgt Ion: 136 Resp: 830354

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.7	5.8	8.8
68	4.5	4.2	6.2





#23

Nitrobenzene-d5

Concen: 63.93 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

S4-B008(26-28)

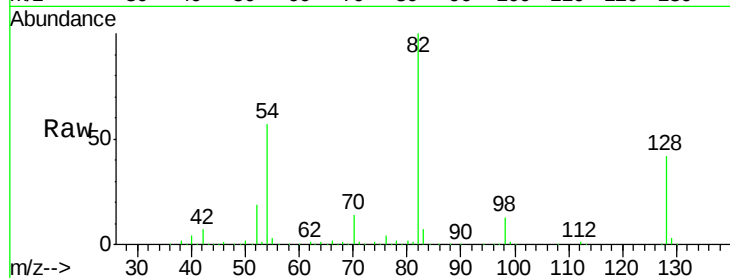
Tot Ion: 82 Resp: 942293

Ion Ratio Lower Upper

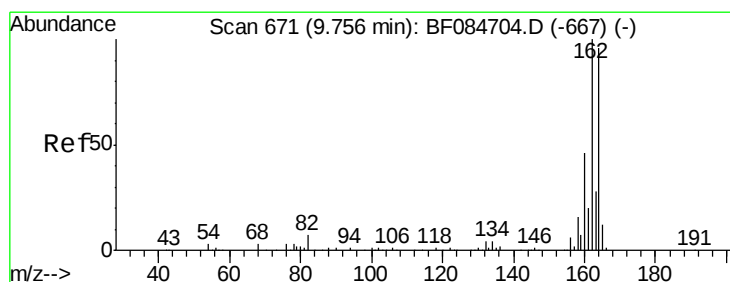
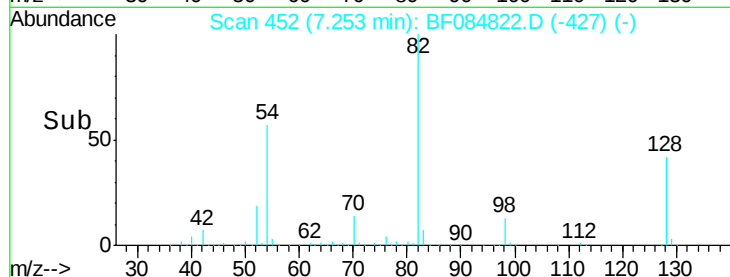
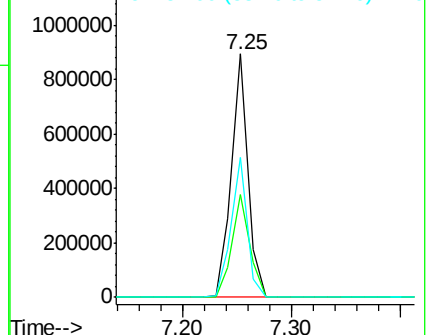
82 100

128 42.2 34.6 51.8

54 57.5 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: BF084822.D

Acq: 4 Feb 2016 8:48

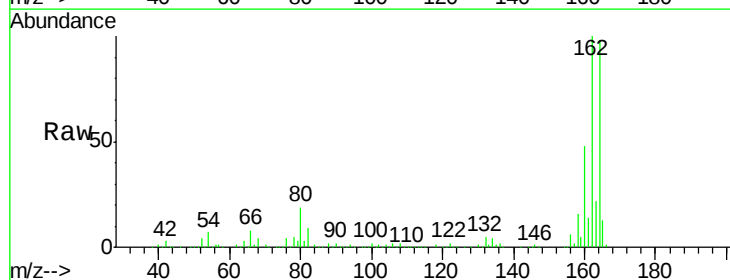
Tgt Ion:164 Resp: 370862

Ion Ratio Lower Upper

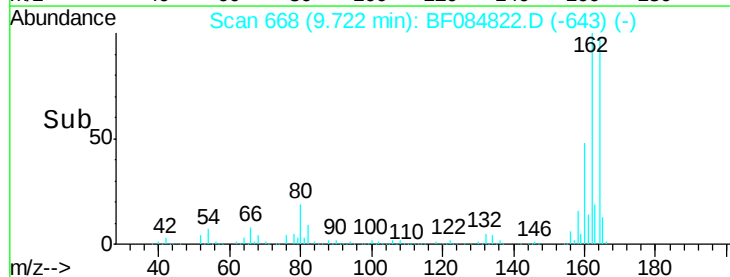
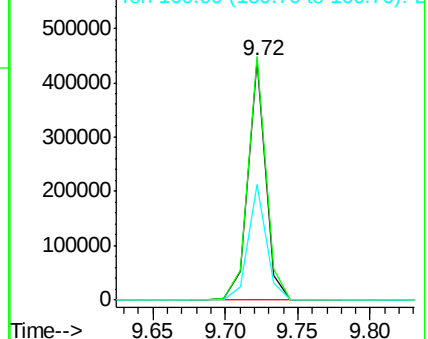
164 100

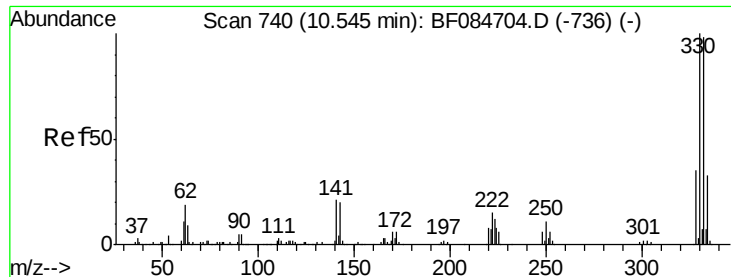
162 101.8 85.1 127.7

160 48.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

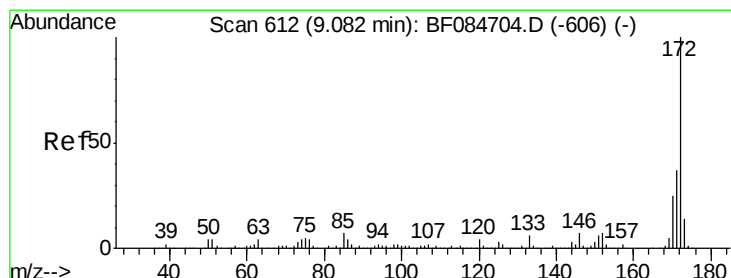
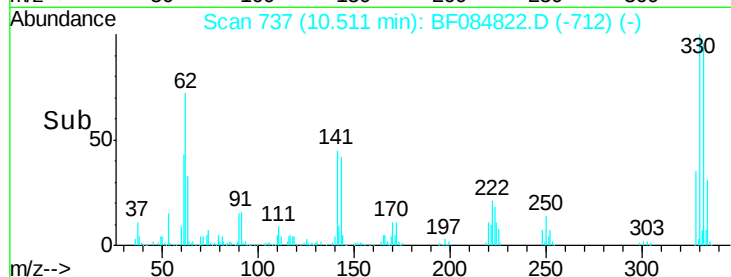
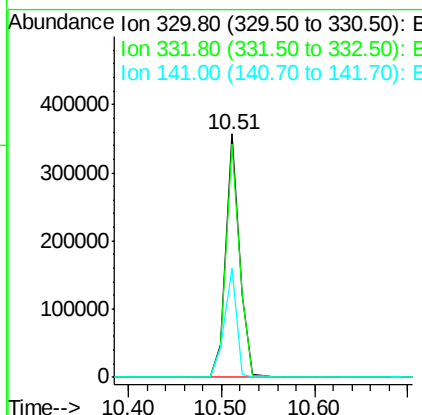
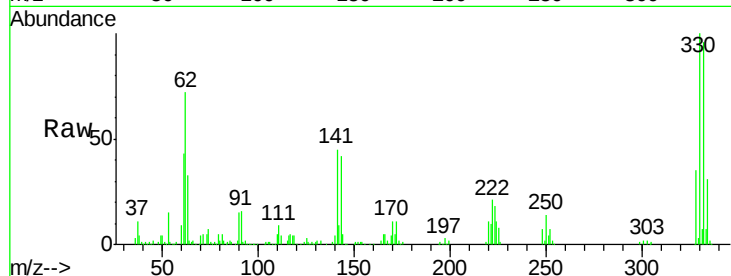




#41
 2,4,6-Tribromophenol
 Concen: 95.14 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084822.D
 Acq: 4 Feb 2016 8:48

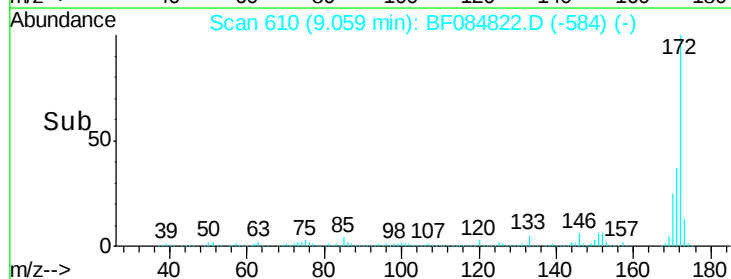
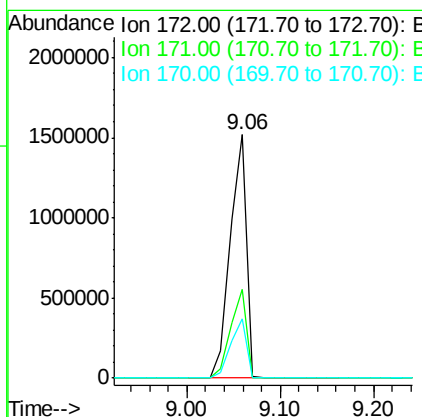
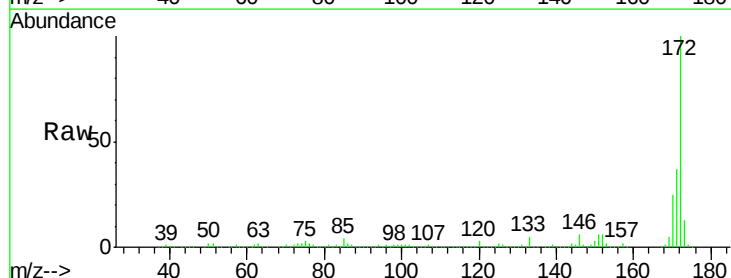
Instrument :
 BNA_F
 ClientSampleId :
 S4-B008(26-28)

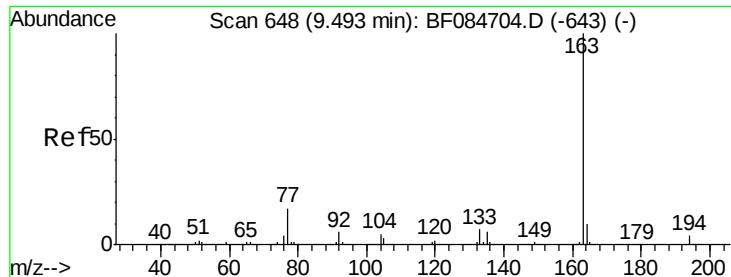
Tot Ion:330 Resp: 368059
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 39.9 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 83.63 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084822.D
 Acq: 4 Feb 2016 8:48

Tgt Ion:172 Resp: 1852008
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.5 18.6 27.8

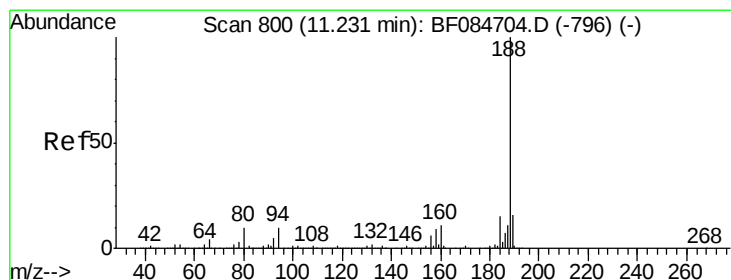
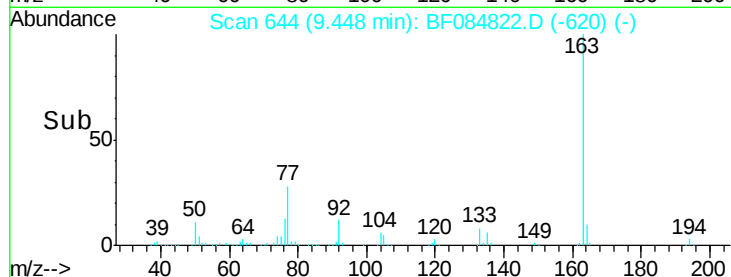
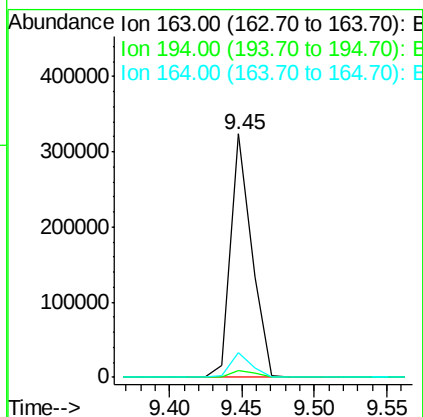
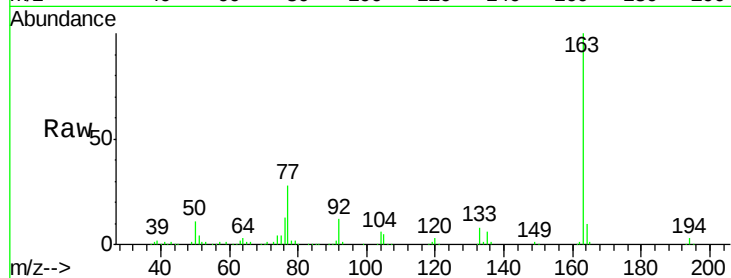




#49
Dimethylphthalate
Concen: 11.57 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

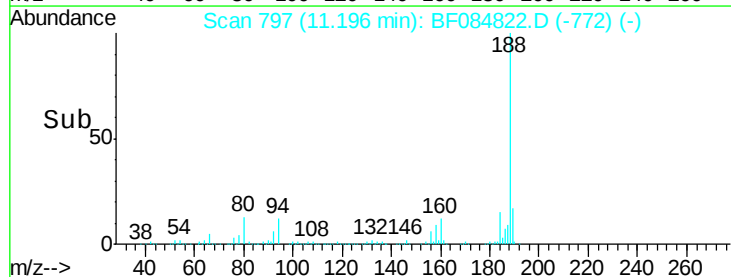
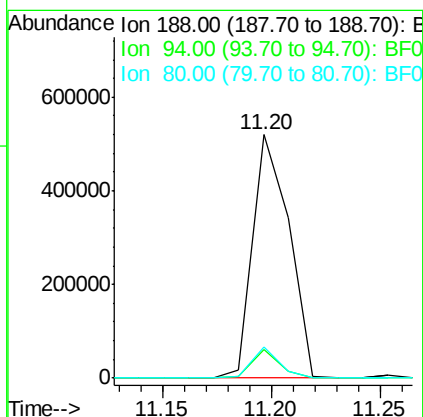
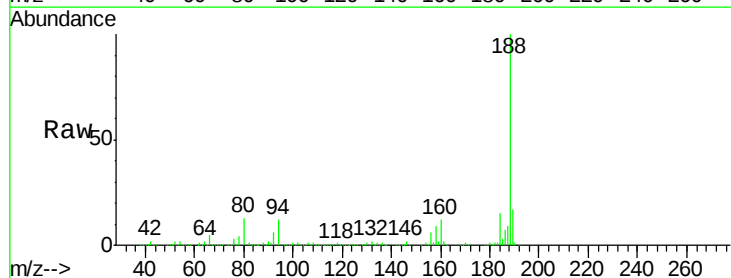
Instrument :
BNA_F
ClientSampleId :
S4-B008(26-28)

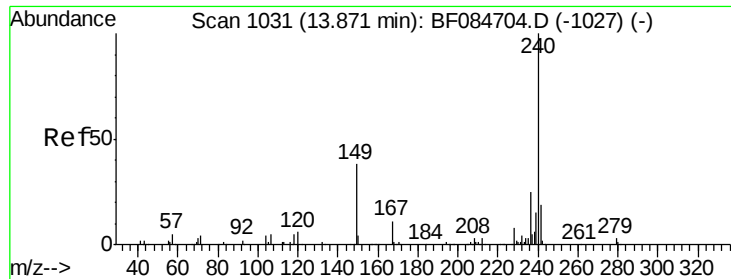
Tot Ion:163 Resp: 326720
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.4 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Tgt Ion:188 Resp: 607252
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.4
80 13.0 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

S4-B008(26-28)

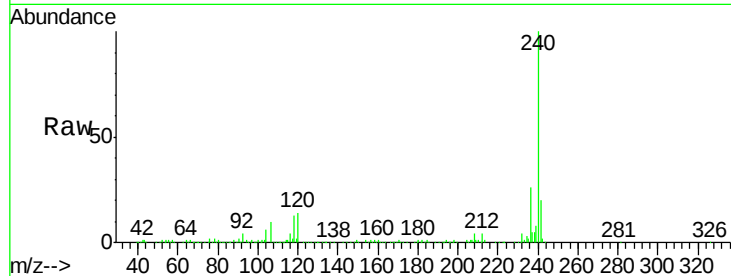
Tot Ion:240 Resp: 431593

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

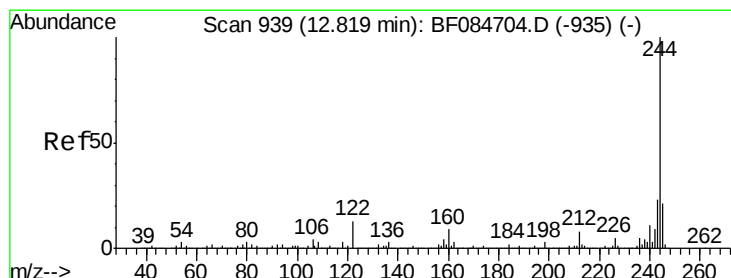
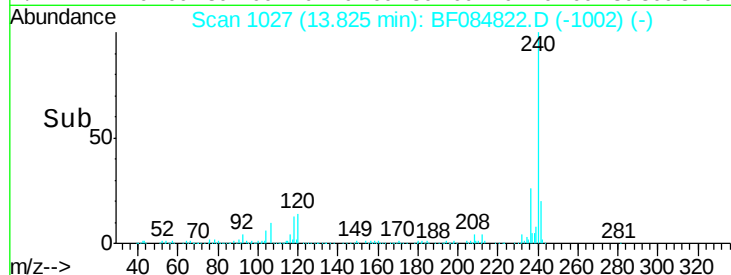
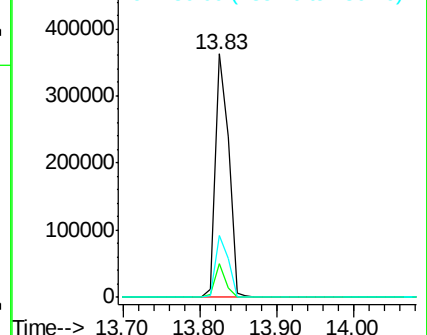
236 25.6 20.6 31.0



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: 75.83 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

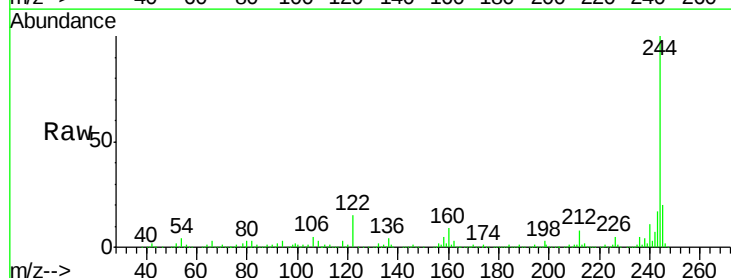
Tgt Ion:244 Resp: 1444279

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

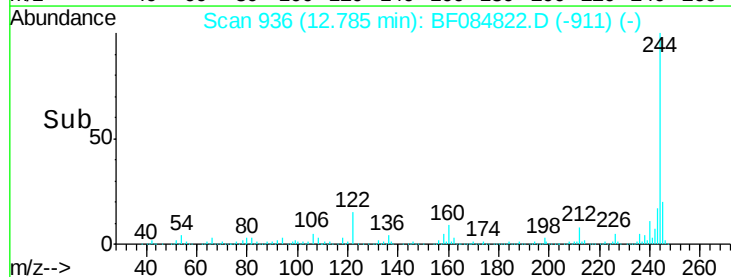
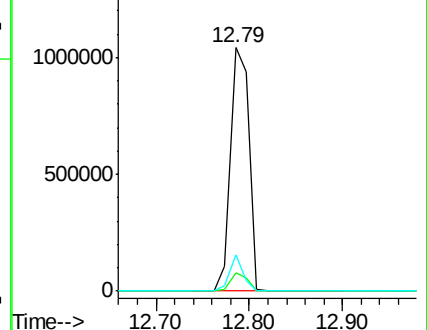
122 14.8 7.4 11.0#

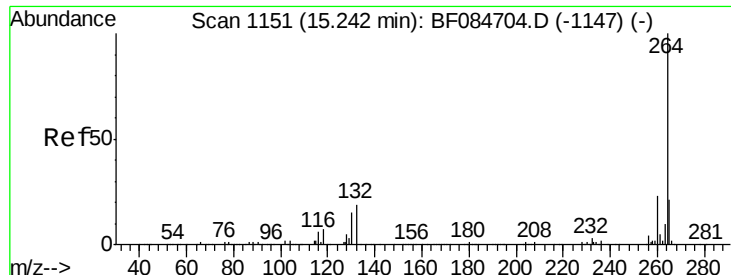


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

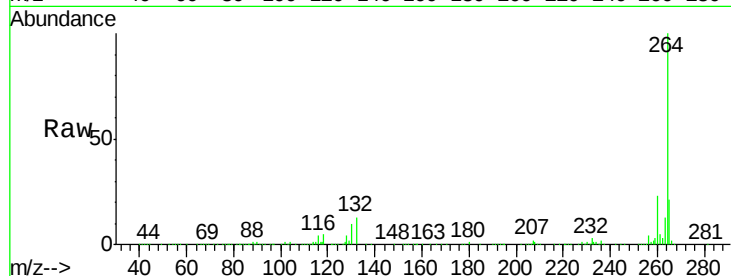




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
S4-B008(26-28)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	20.8	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

