

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084847.D
 Acq On : 4 Feb 2016 23:56
 Operator : SJ/IZ
 Sample : H1320-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(10-12)

Quant Time: Feb 05 03:17:10 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

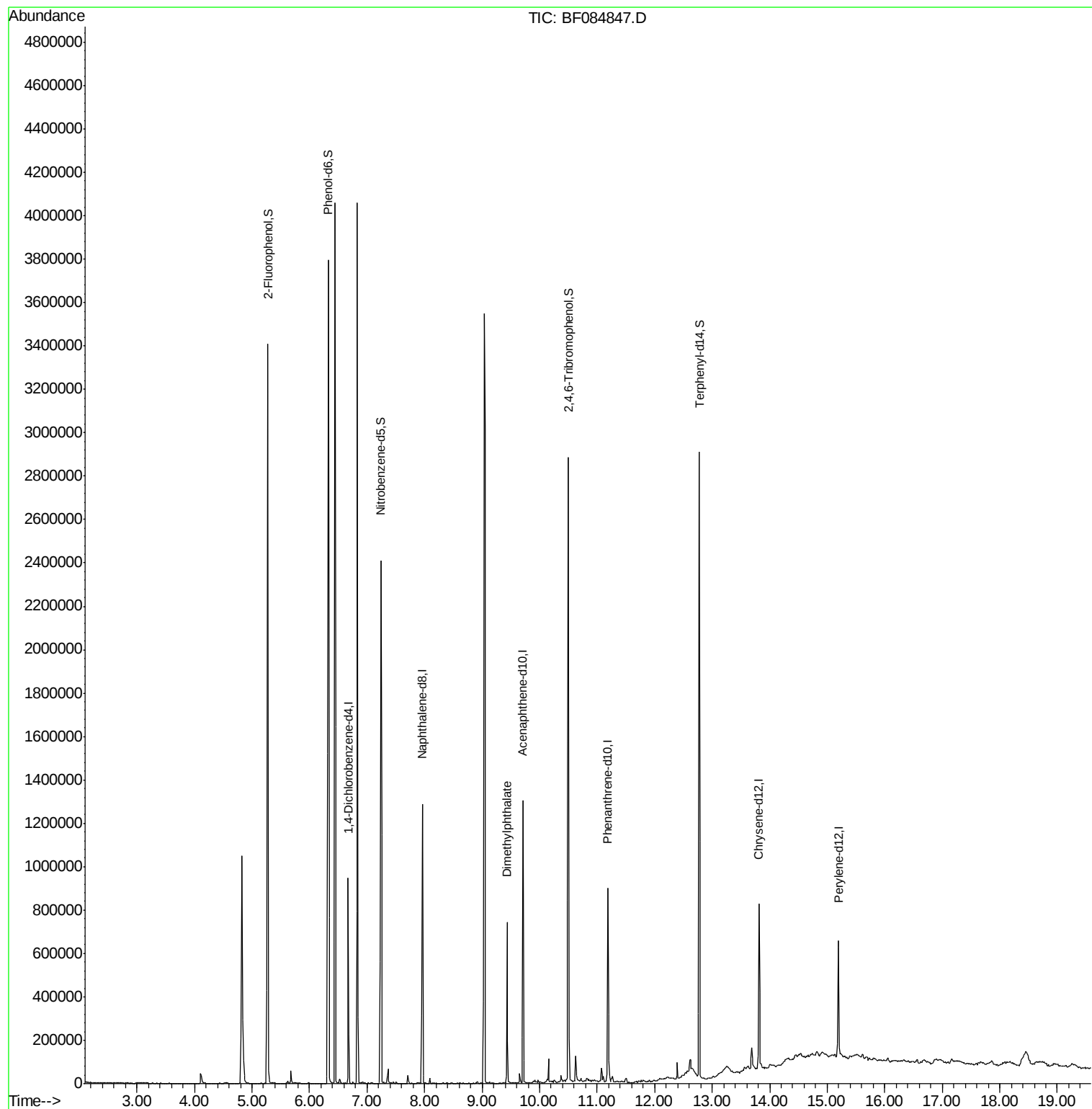
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	134275	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	570899	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	239046	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	341204	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	282117	20.00	ng	-0.02
86) Perylene-d12	15.20	264	293669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1400706	162.48	ng	0.00
7) Phenol-d6	6.33	99	1470275	137.57	ng	-0.01
23) Nitrobenzene-d5	7.24	82	956486	94.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	304793	122.24	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1642703	-20.00	ng	-0.01
78) Terphenyl-d14	12.77	244	966540	77.64	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.44	163	296080	16.26	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: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

BNA_F

ClientSampleId :

S4-B017(10-12)

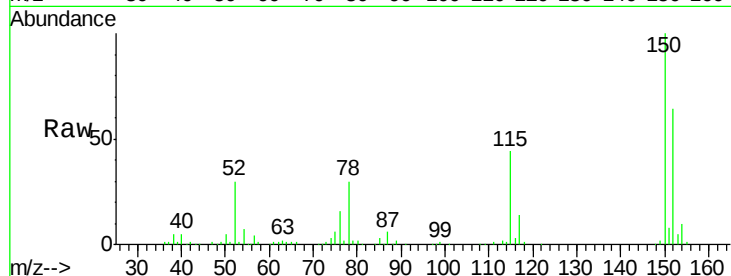
Tot Ion:152 Resp: 134275

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

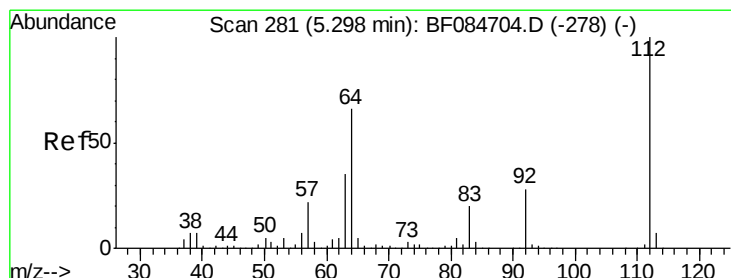
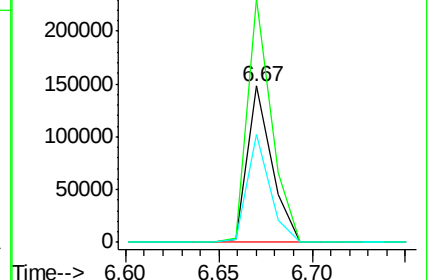
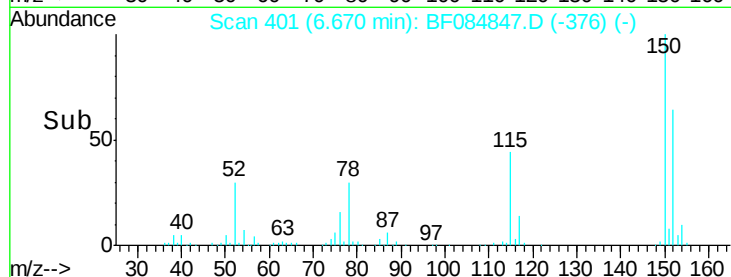
115 69.0 51.4 77.2



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: 162.48 ng

RT: 5.28 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

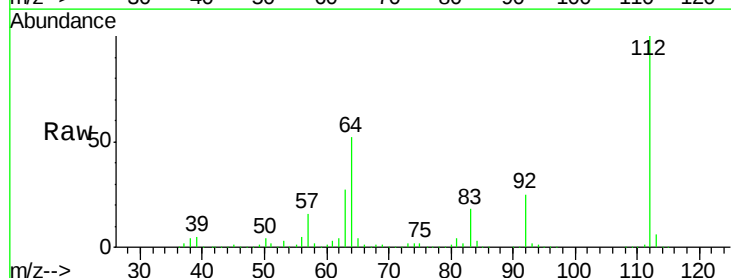
Tgt Ion:112 Resp: 1400706

Ion Ratio Lower Upper

112 100

64 51.6 36.6 55.0

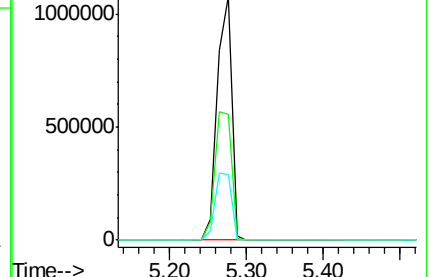
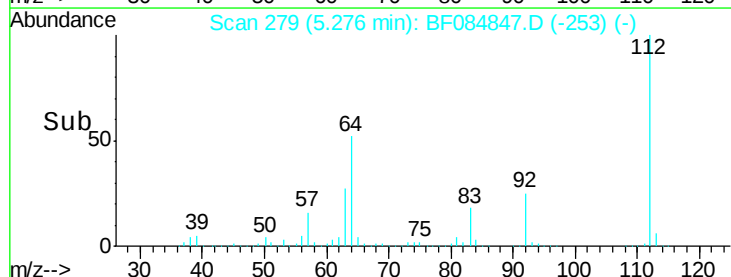
63 27.1 19.4 29.0



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: 137.57 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

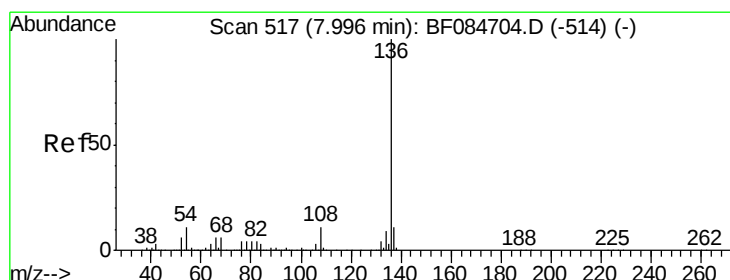
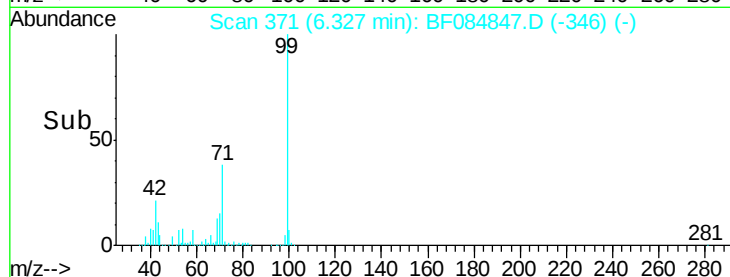
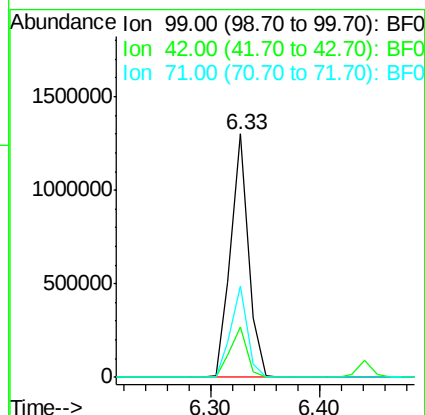
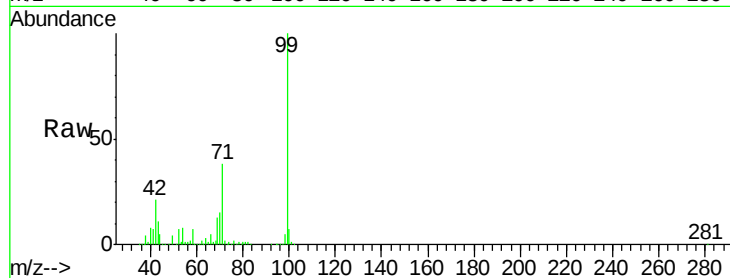
BNA_F

ClientSampleId :

S4-B017(10-12)

Tot Ion: 99 Resp: 1470275

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	37.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

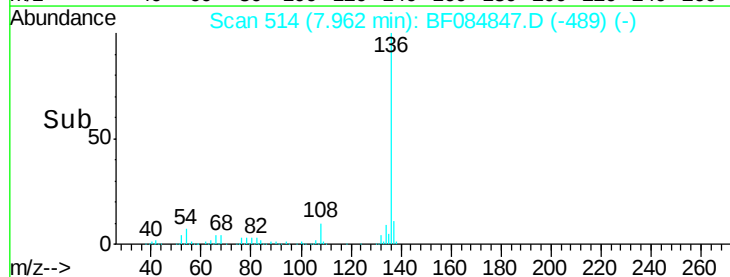
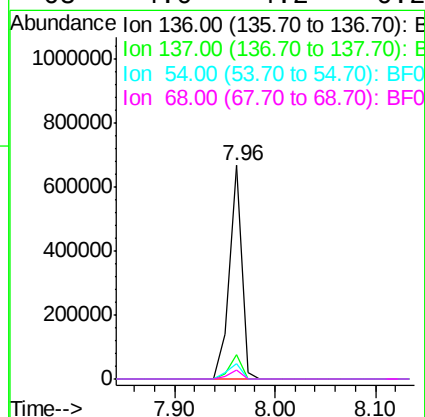
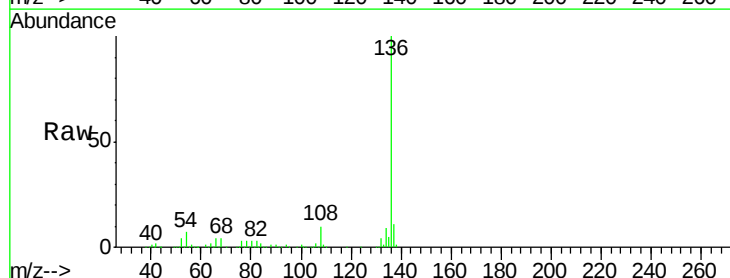
Delta R.T. -0.01 min

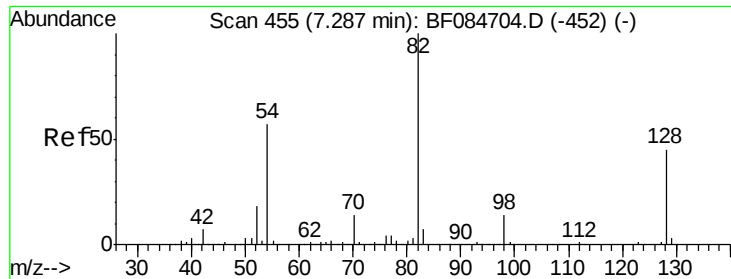
Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Tgt Ion: 136 Resp: 570899

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.2	5.8	8.8
68	4.0	4.2	6.2#

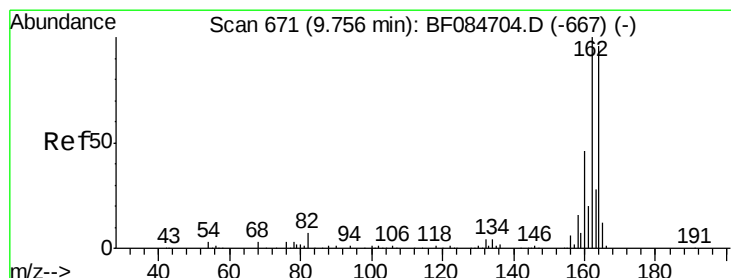
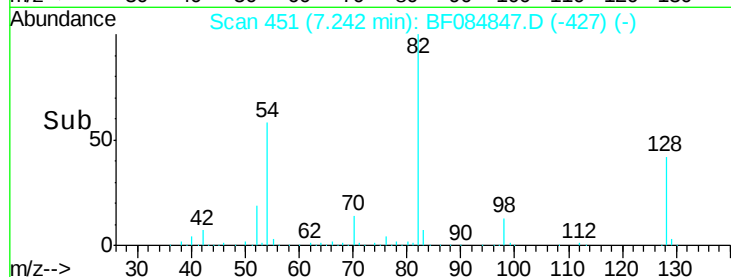
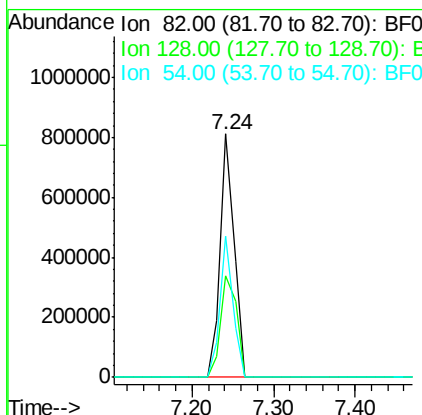
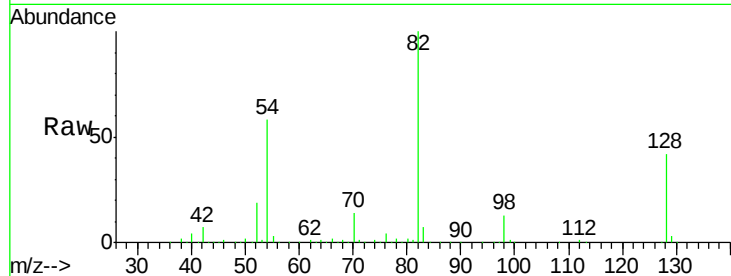




#23
Nitrobenzene-d5
Concen: 94.38 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

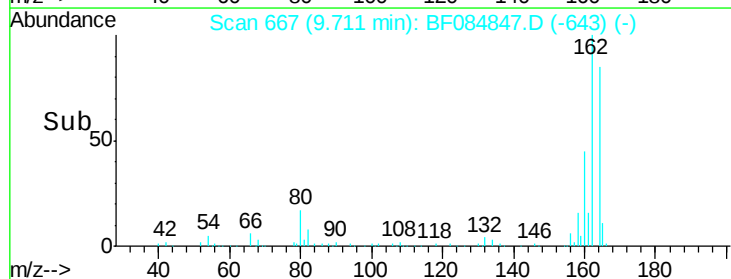
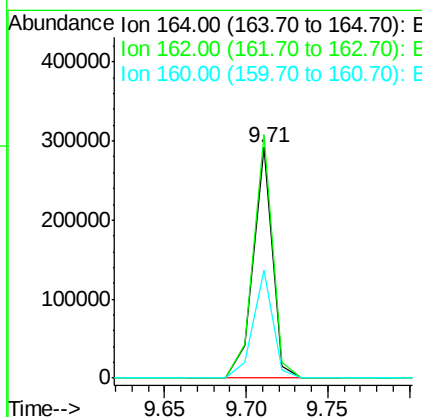
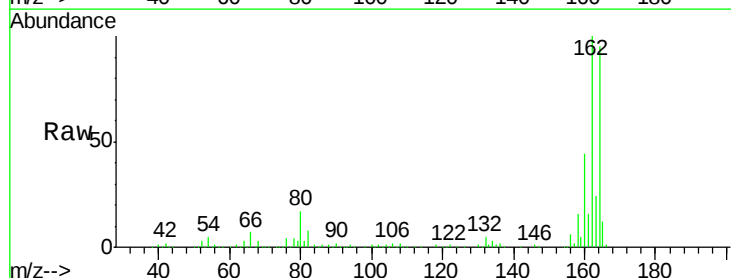
Instrument :
BNA_F
ClientSampleId :
S4-B017(10-12)

Tot Ion: 82 Resp: 956486
Ion Ratio Lower Upper
82 100
128 41.7 34.6 51.8
54 58.0 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: BF084847.D
Acq: 4 Feb 2016 23:56

Tgt Ion:164 Resp: 239046
Ion Ratio Lower Upper
164 100
162 105.6 85.1 127.7
160 46.9 37.5 56.3

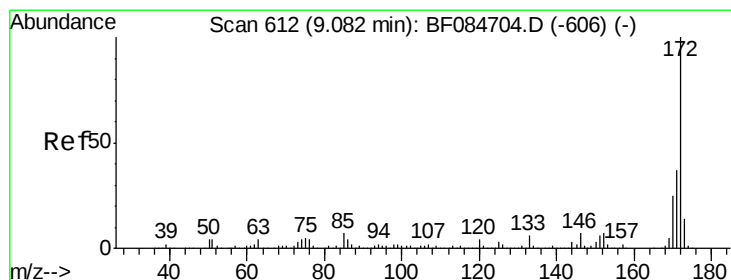
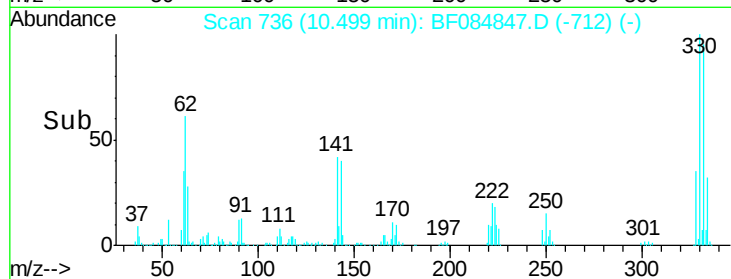
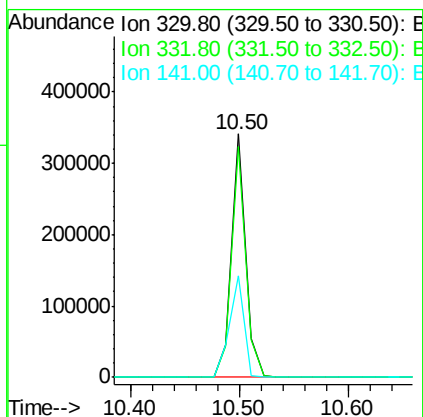
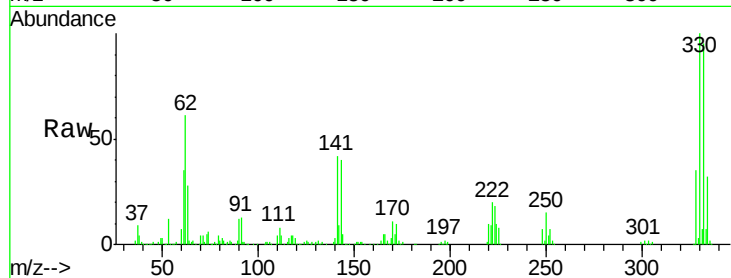




#41
 2,4,6-Tribromophenol
 Concen: 122.24 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084847.D
 Acq: 4 Feb 2016 23:56

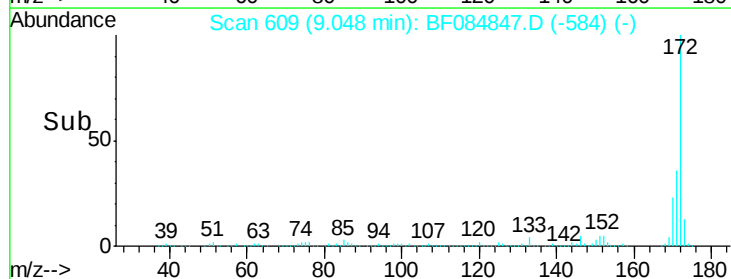
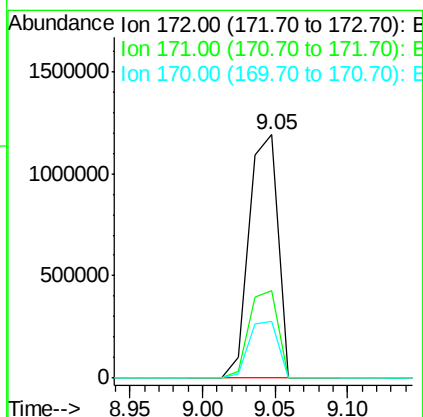
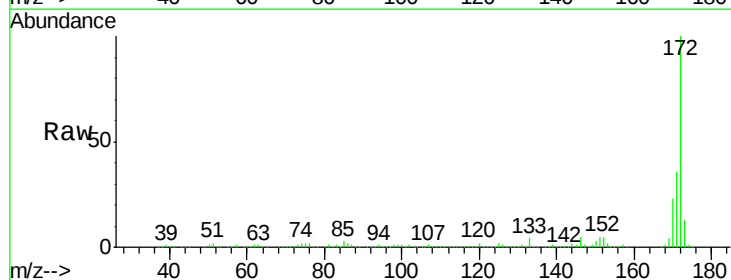
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(10-12)

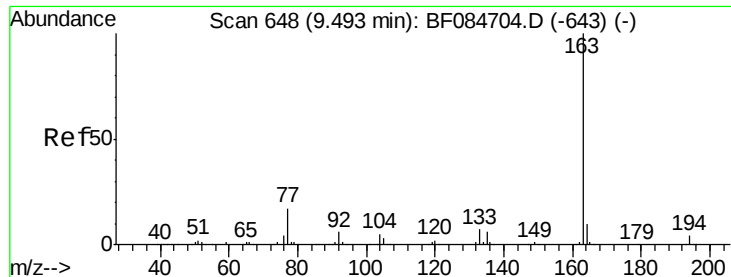
Tot Ion:330 Resp: 304793
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 43.3 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084847.D
 Acq: 4 Feb 2016 23:56

Tgt Ion:172 Resp: 1642703
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.5 18.6 27.8

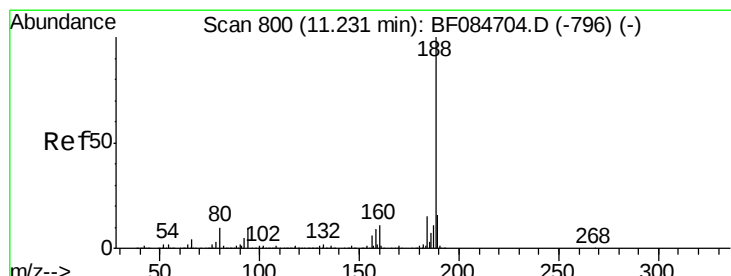
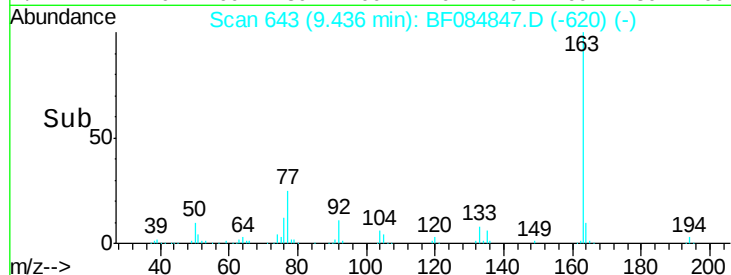
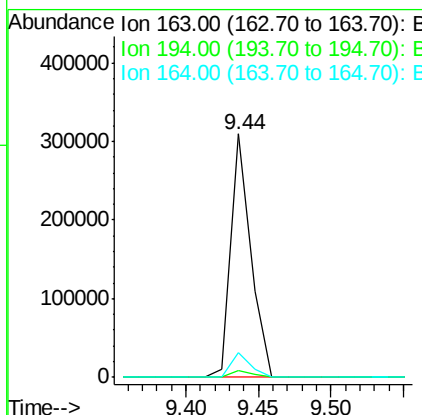
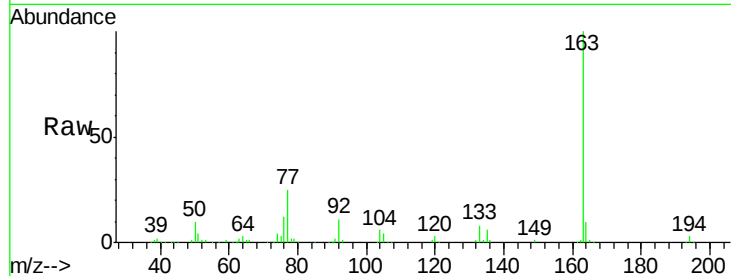




#49
Dimethylphthalate
Concen: 16.26 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

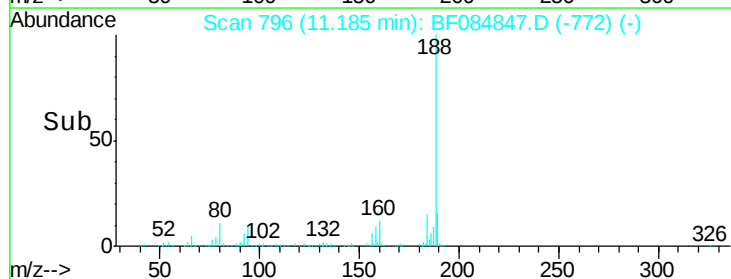
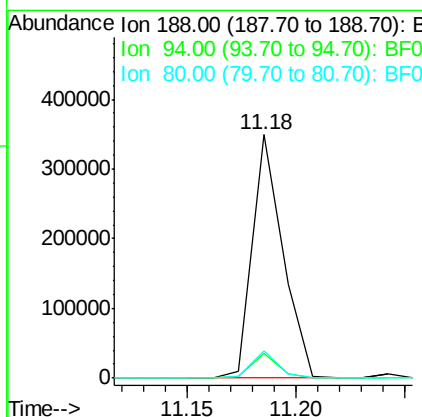
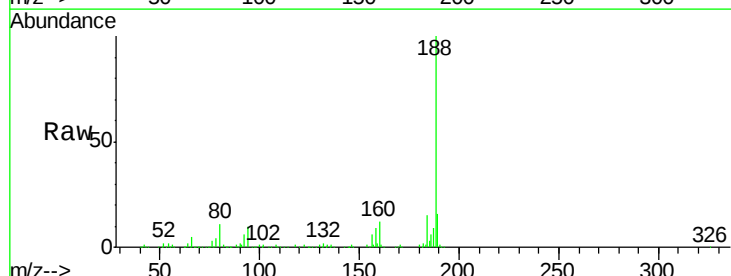
Instrument :
BNA_F
ClientSampleId :
S4-B017(10-12)

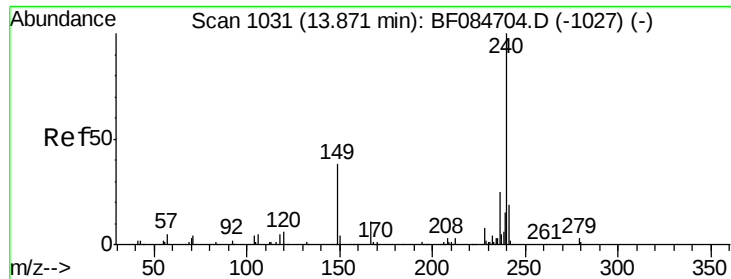
Tot Ion:163 Resp: 296080
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.1 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

Tgt Ion:188 Resp: 341204
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 11.3 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

Instrument :

BNA_F

ClientSampleId :

S4-B017(10-12)

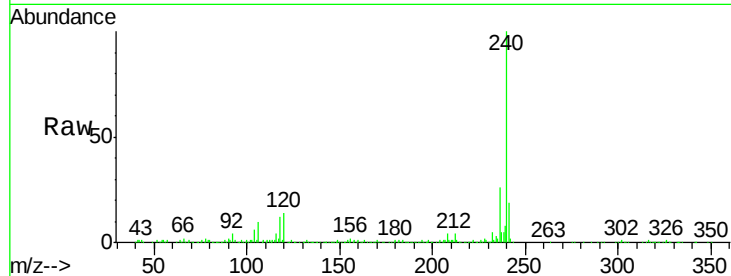
Tot Ion:240 Resp: 282117

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

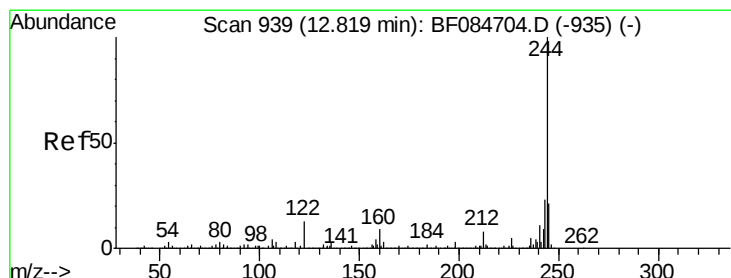
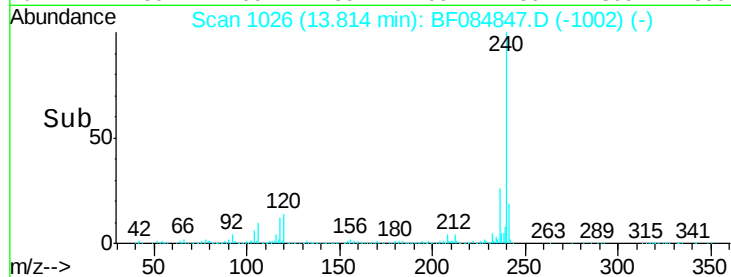
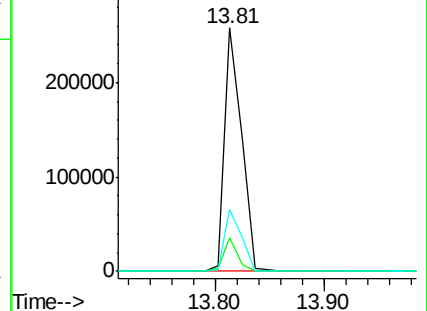
236 25.7 20.6 31.0



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: 77.64 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084847.D

Acq: 4 Feb 2016 23:56

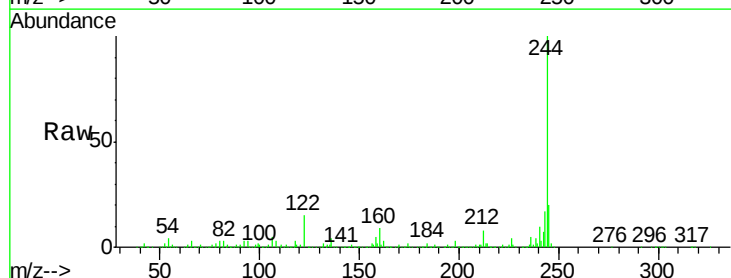
Tgt Ion:244 Resp: 966540

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

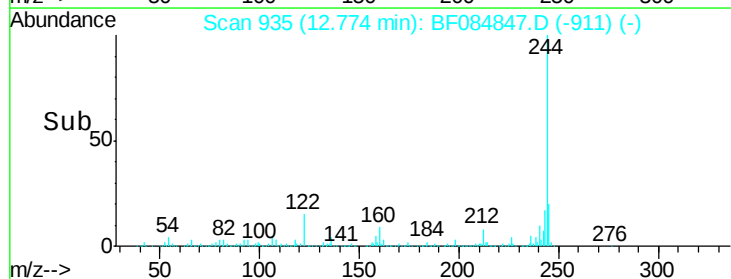
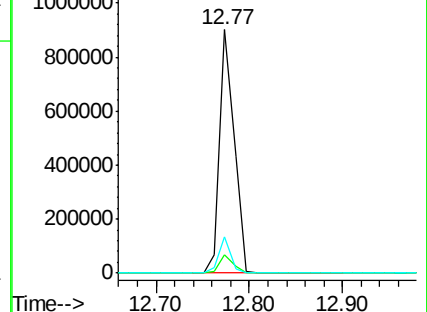
122 15.0 7.4 11.0#

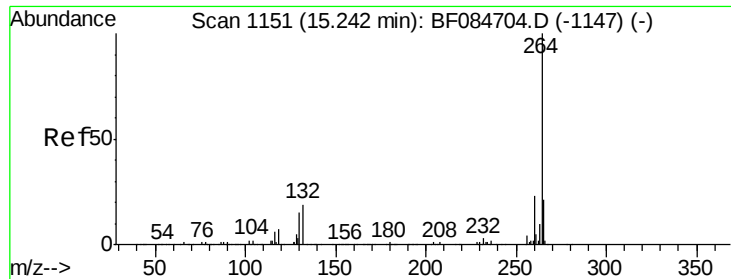


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084847.D
Acq: 4 Feb 2016 23:56

Instrument :
BNA_F
ClientSampleId :
S4-B017(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.8	26.6

