

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084753.D
 Acq On : 2 Feb 2016 18:40
 Operator : SJ/IZ
 Sample : PB88120TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Quant Time: Feb 03 02:34:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	182546	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	785622	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	366756	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	699875	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	659395	20.00	ng	-0.02
86) Perylene-d12	15.22	264	479608	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1105016	94.29	ng	-0.01
7) Phenol-d6	6.35	99	1543452	106.23	ng	-0.02
23) Nitrobenzene-d5	7.26	82	889343	63.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	365535	95.55	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1684265	74.09	ng	-0.02
78) Terphenyl-d14	12.81	244	1832133	62.96	ng	-0.02

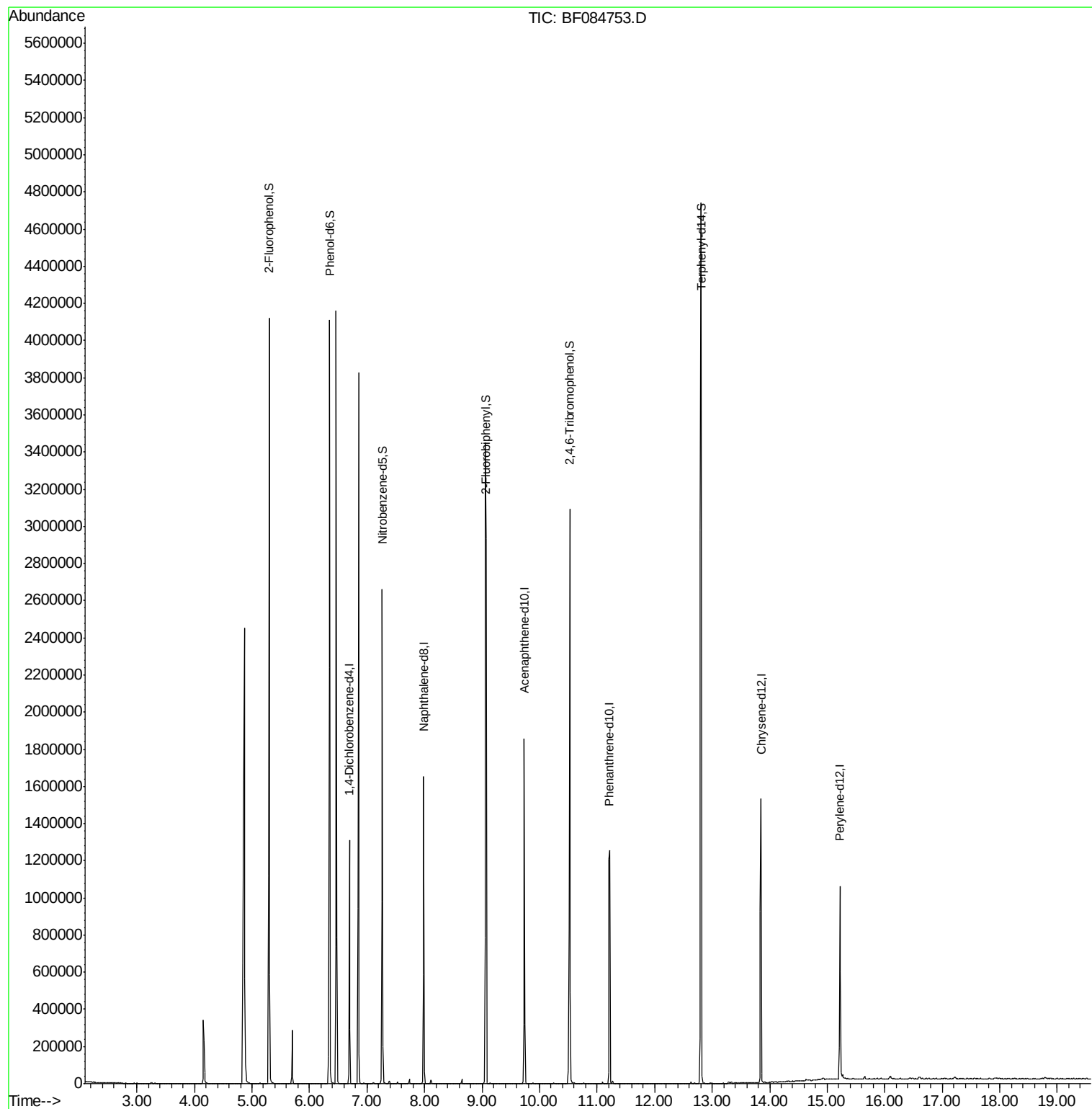
Target Compounds Qvalue

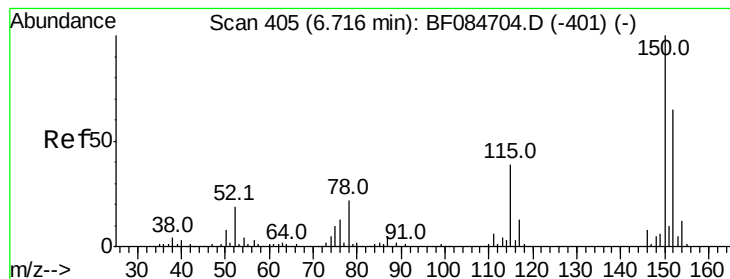
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084753.D
Acq On : 2 Feb 2016 18:40
Operator : SJ/IZ
Sample : PB88120TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88120TB

Quant Time: Feb 03 02:34:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

BNA_F

ClientSampleId :

PB88120TB

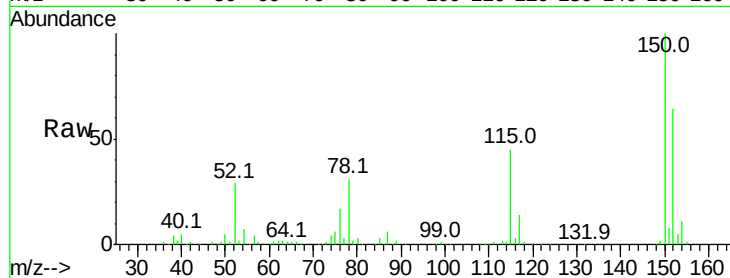
Tot Ion:152 Resp: 182546

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

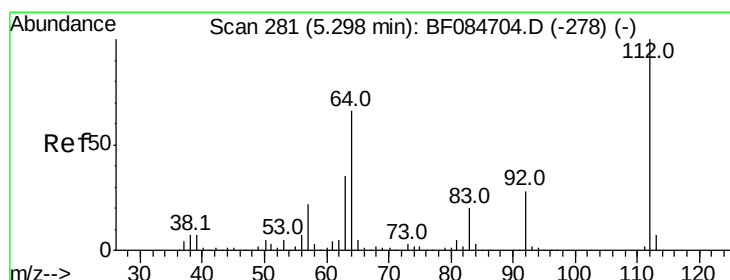
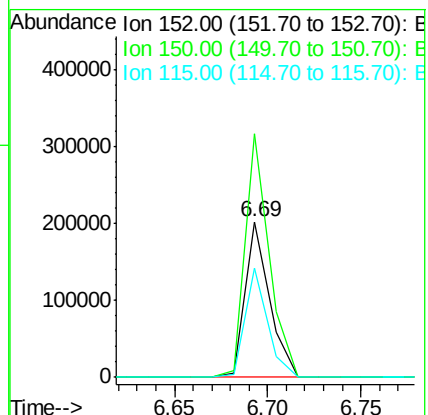
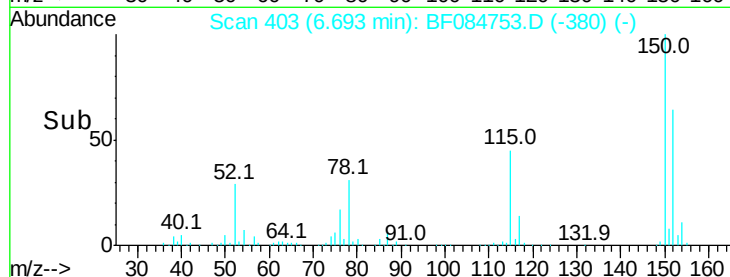
115 70.5 51.4 77.2



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: 94.29 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

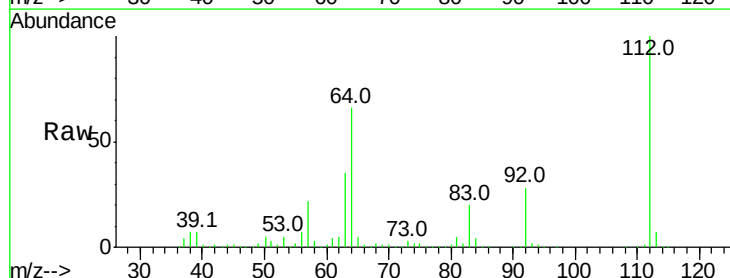
Tgt Ion:112 Resp: 1105016

Ion Ratio Lower Upper

112 100

64 65.7 36.6 55.0#

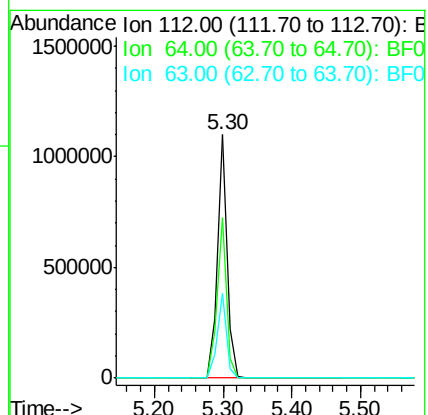
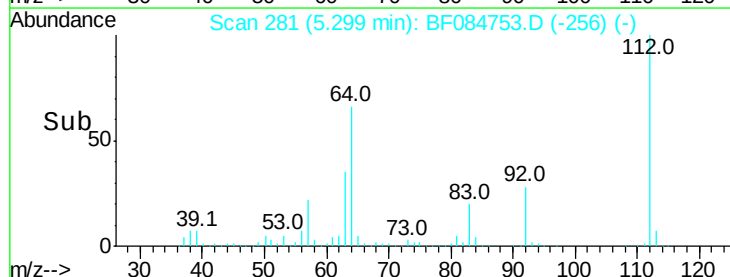
63 34.9 19.4 29.0#

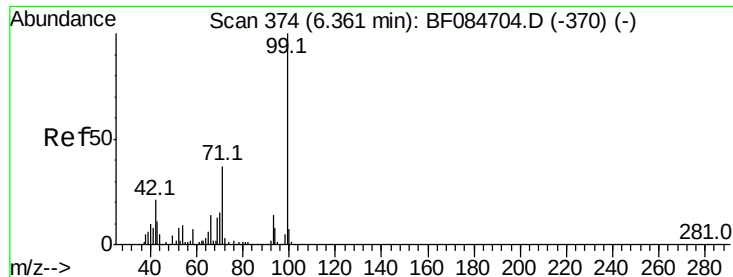


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.23 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

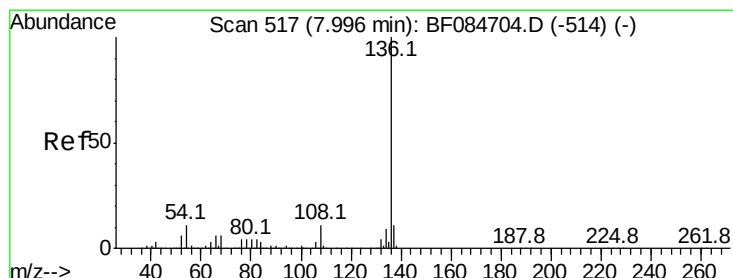
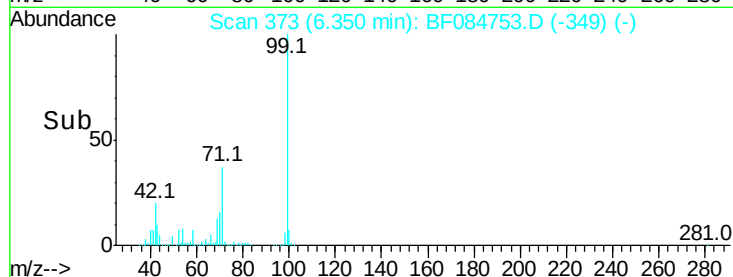
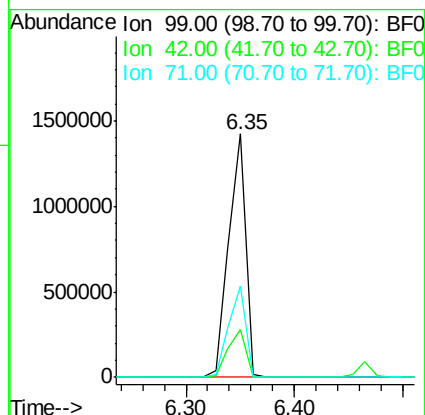
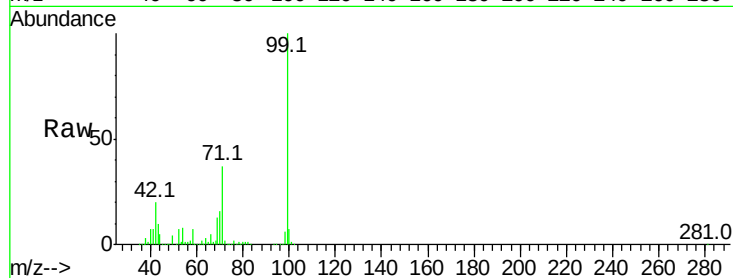
BNA_F

ClientSampleId :

PB88120TB

Tot Ion: 99 Resp: 1543452

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	37.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

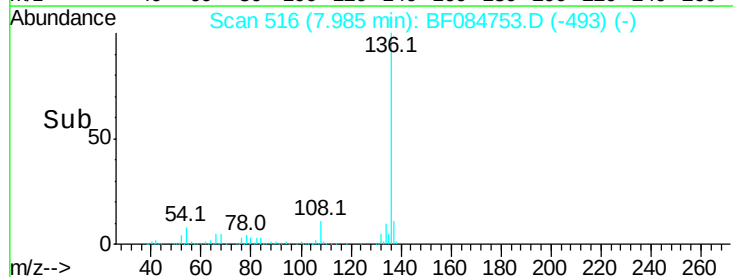
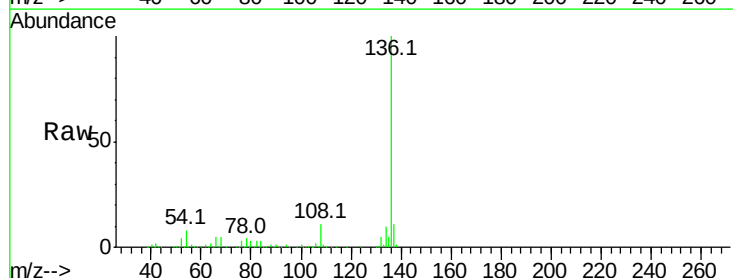
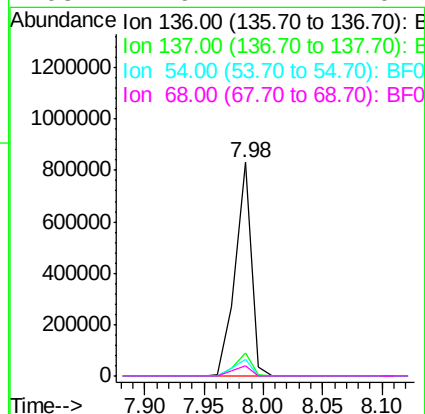
Delta R.T. -0.03 min

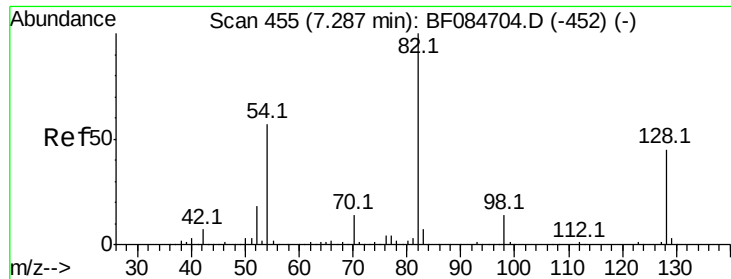
Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Tgt Ion: 136 Resp: 785622

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	5.8	8.8
68	4.6	4.2	6.2

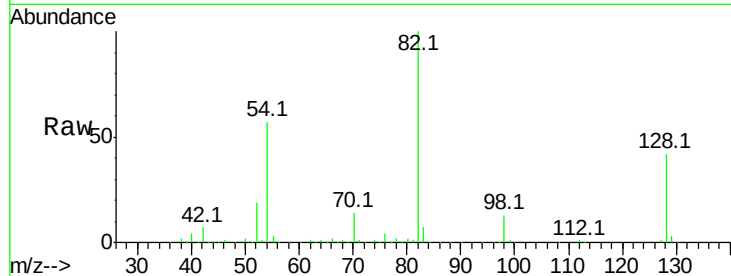




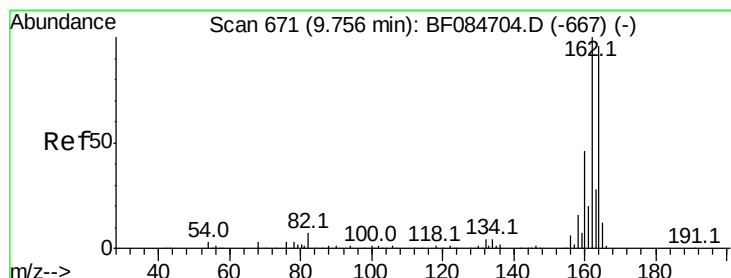
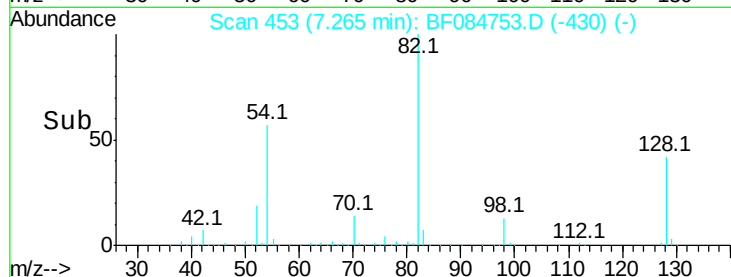
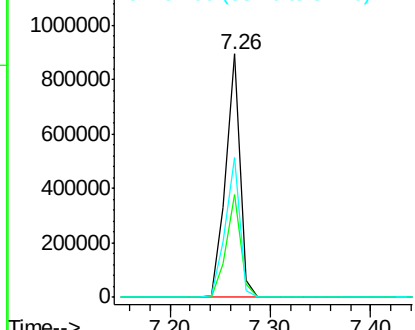
#23
 Nitrobenzene-d5
 Concen: 63.77 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Tot Ion	82	Resp	889343
Ion Ratio	Lower	Upper	
82	100		
128	42.4	34.6	51.8
54	57.5	38.4	57.6

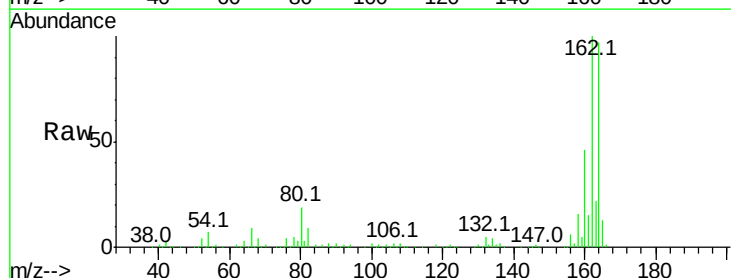


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

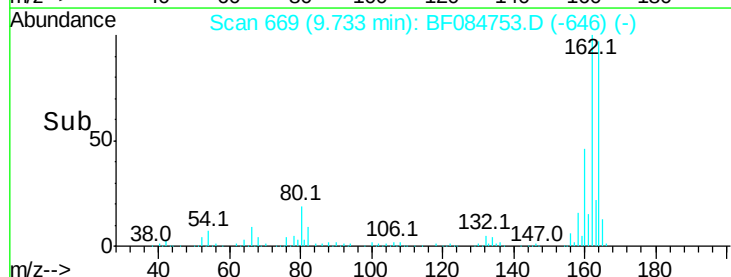
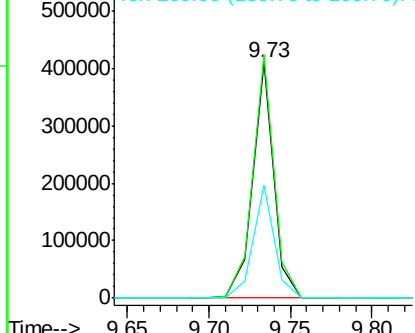


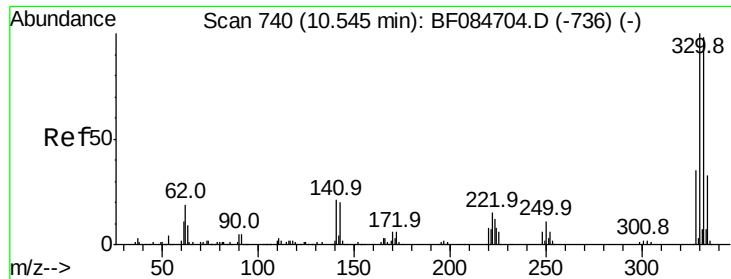
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Tgt Ion	164	Resp	366756
Ion Ratio	Lower	Upper	
164	100		
162	103.4	85.1	127.7
160	48.0	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

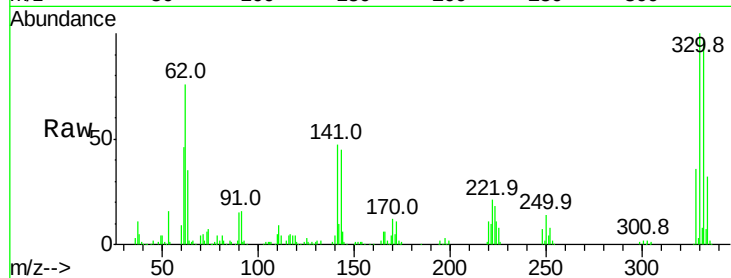




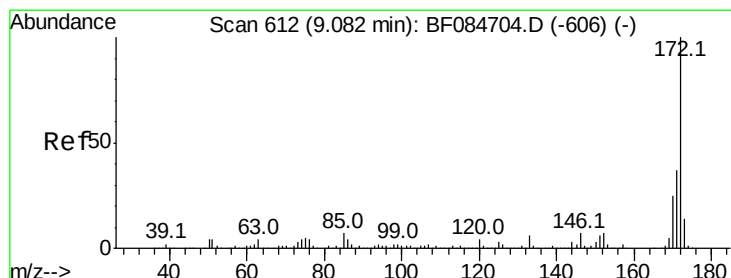
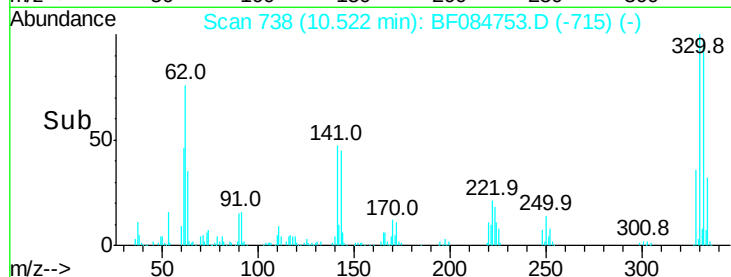
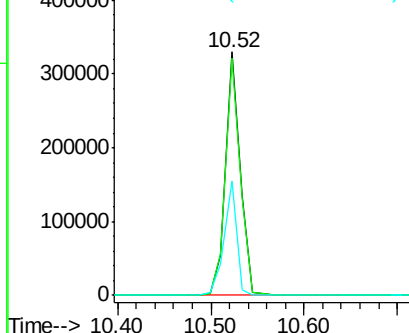
#41
 2,4,6-Tribromophenol
 Concen: 95.55 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	39.8	27.8	41.6

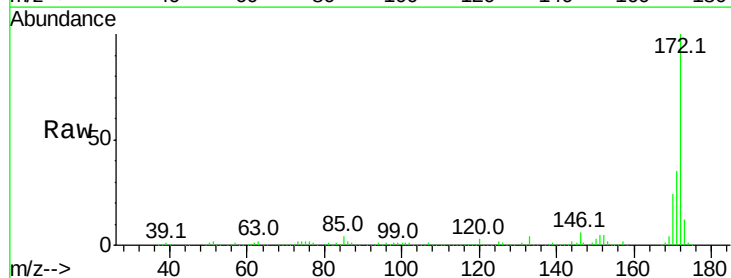


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

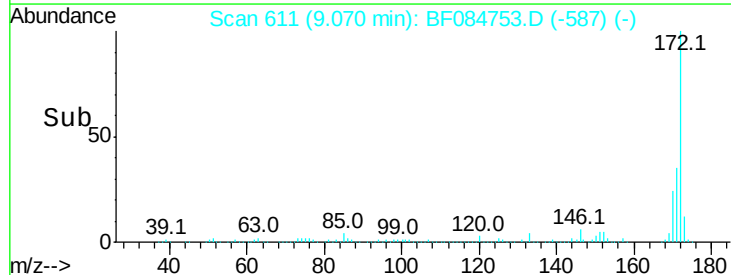
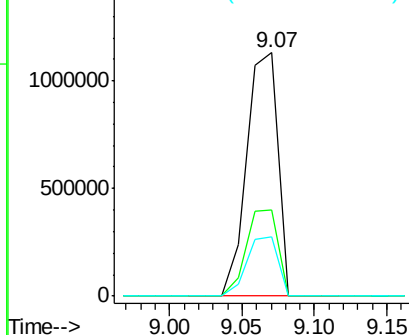


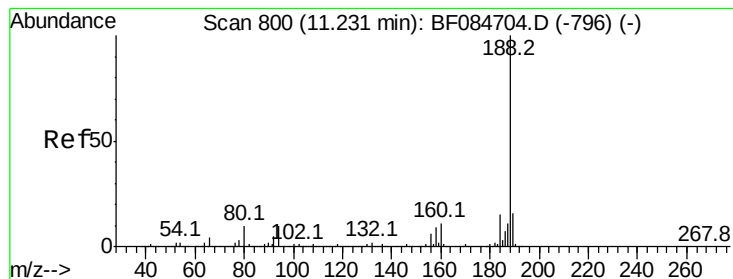
#44
 2-Fluorobiphenyl
 Concen: 74.09 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	24.3	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

BNA_F

ClientSampleId :

PB88120TB

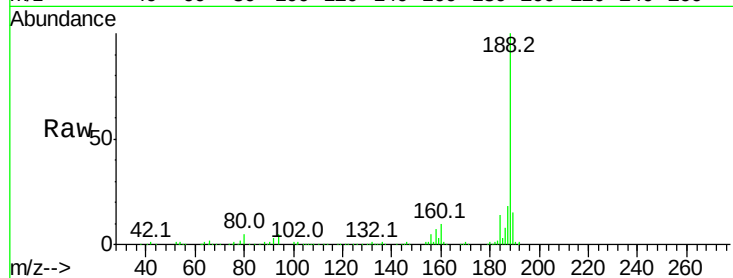
Tot Ion:188 Resp: 699875

Ion Ratio Lower Upper

188 100

94 5.4 9.0 13.4#

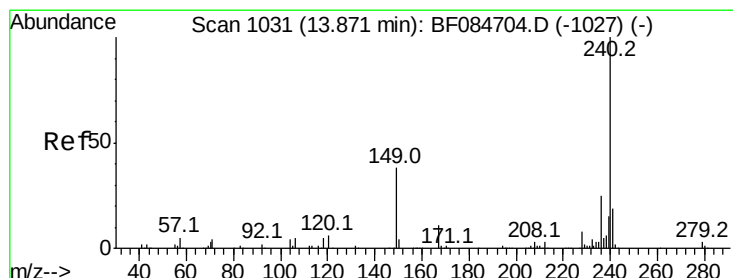
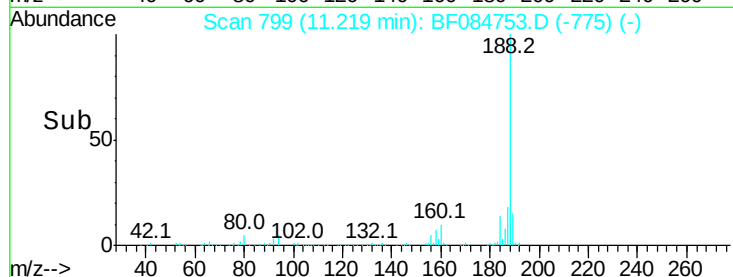
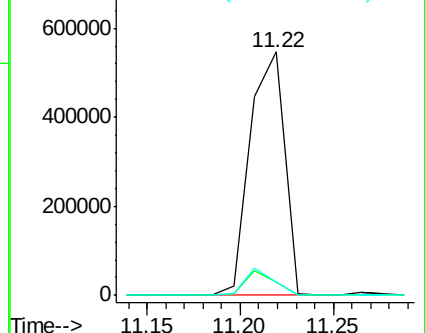
80 5.2 9.6 14.4#



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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

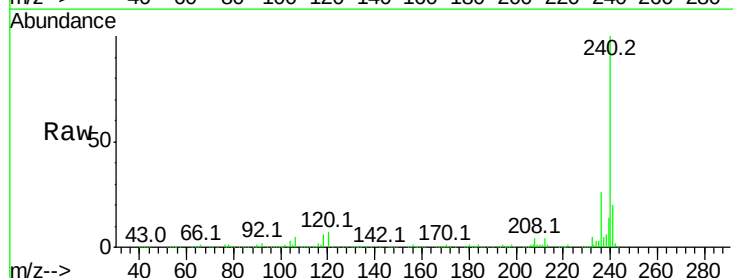
Tgt Ion:240 Resp: 659395

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

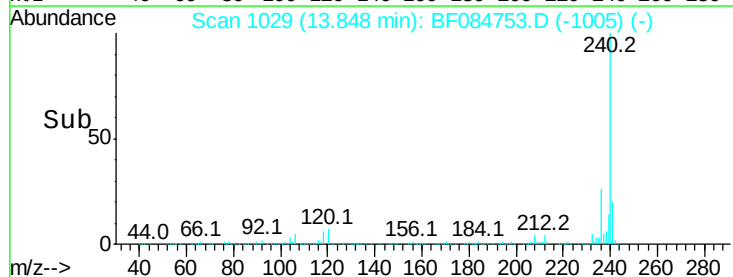
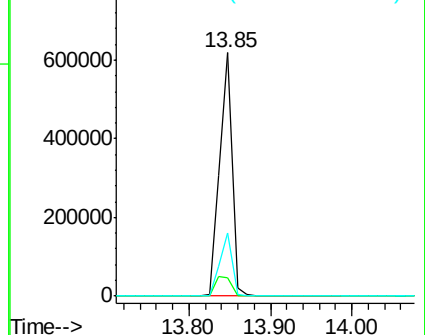
236 26.1 20.6 31.0

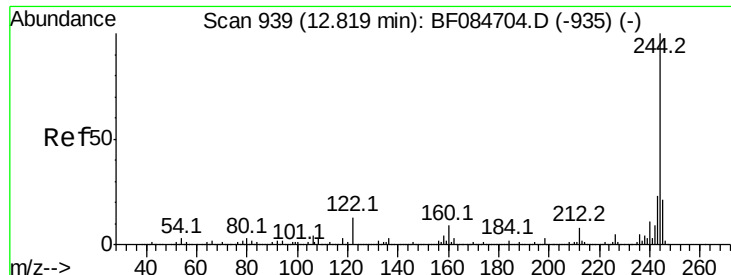


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

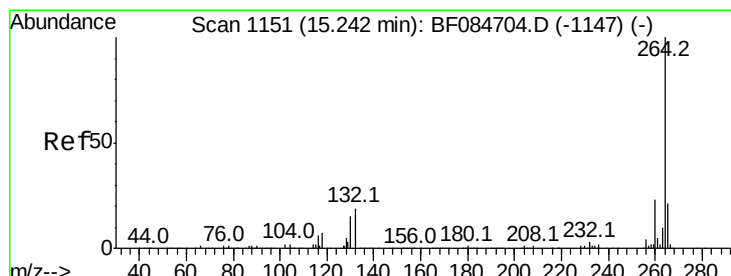
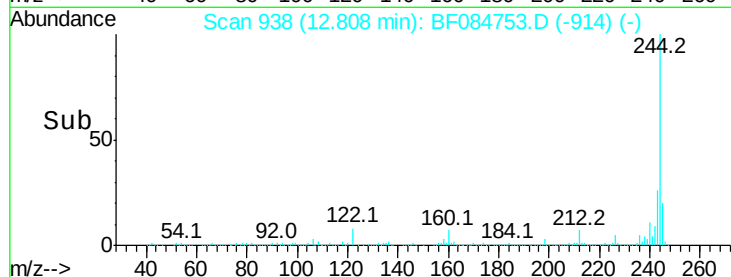
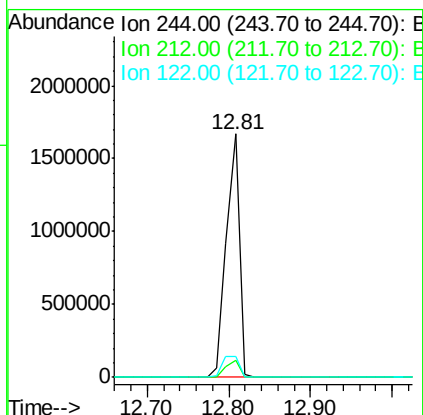
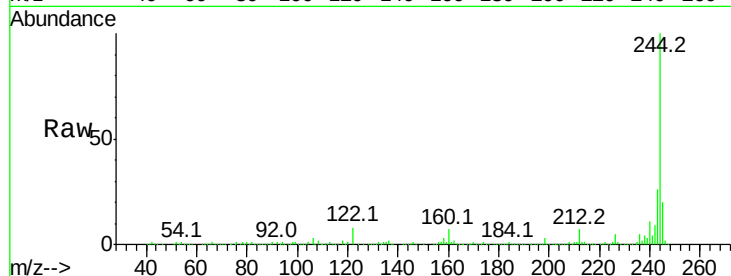




#78
 Terphenyl-d14
 Concen: 62.96 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Tot Ion:244 Resp: 1832133
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 8.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Tgt Ion:264 Resp: 479608
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.7 17.8 26.6

