

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084709.D
 Acq On : 1 Feb 2016 15:09
 Operator : SJ/IZ
 Sample : PB88000BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BL

Quant Time: Feb 02 00:38:33 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	6.70	152	172068	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	742124	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	346008	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	690032	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	623477	20.00	ng	-0.01
86) Perylene-d12	15.24	264	455633	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1054651	95.47	ng	0.00
7) Phenol-d6	6.36	99	1442612	105.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	799026	60.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	364518	101.00	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1622676	76.31	ng	-0.01
78) Terphenyl-d14	12.82	244	1640719	59.63	ng	-0.01

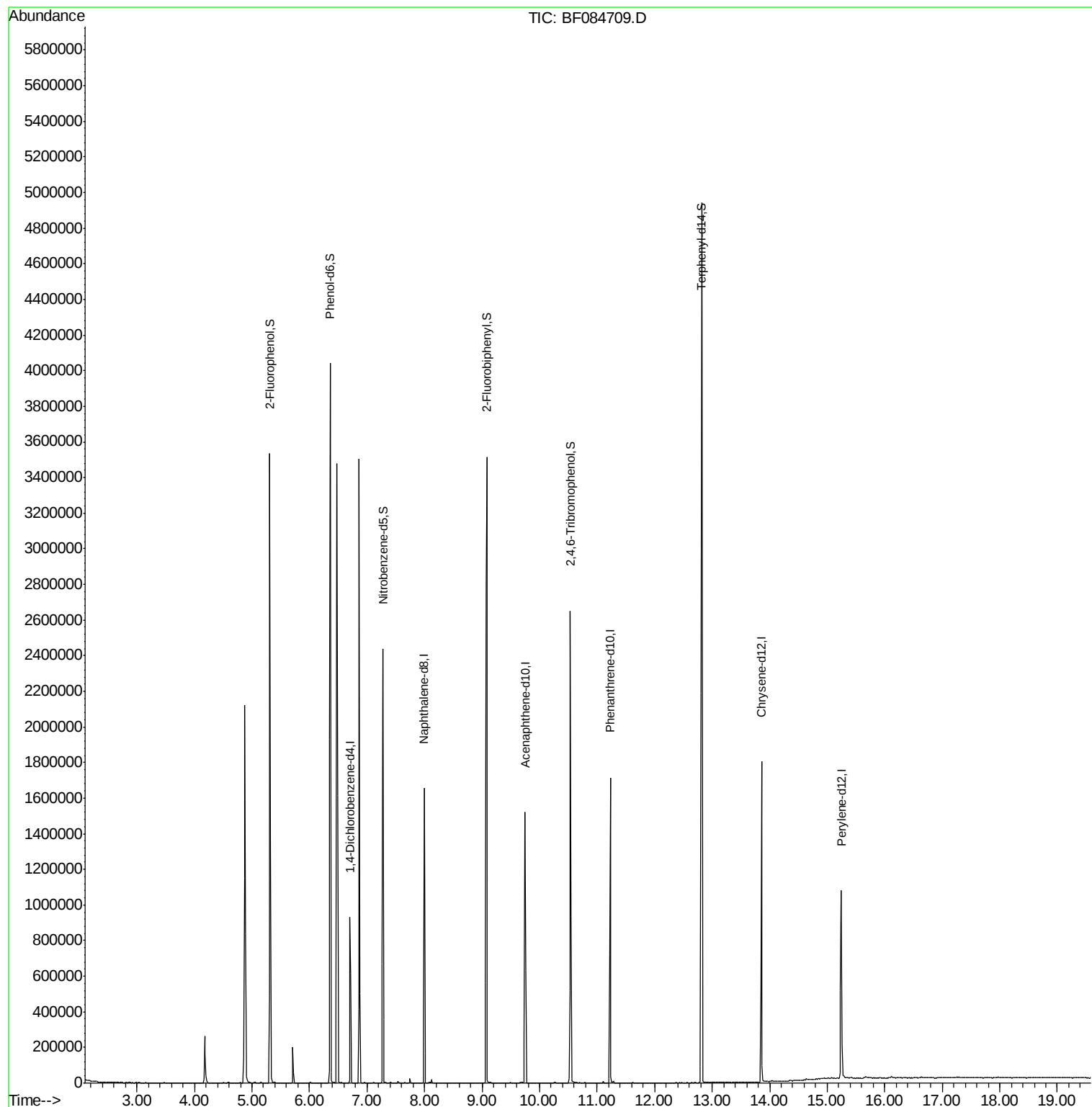
Target Compounds Qvalue

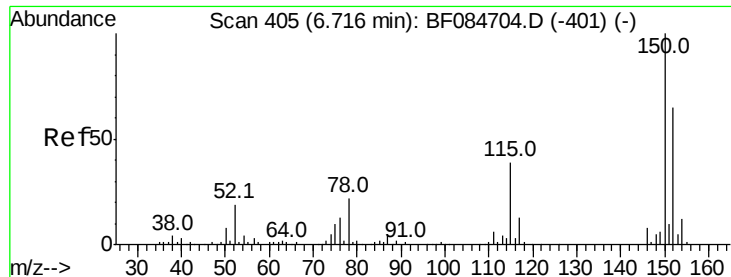
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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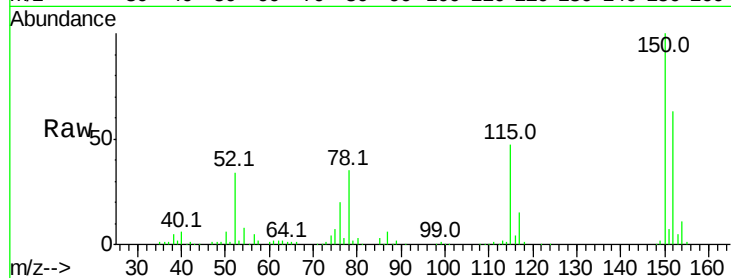


#1

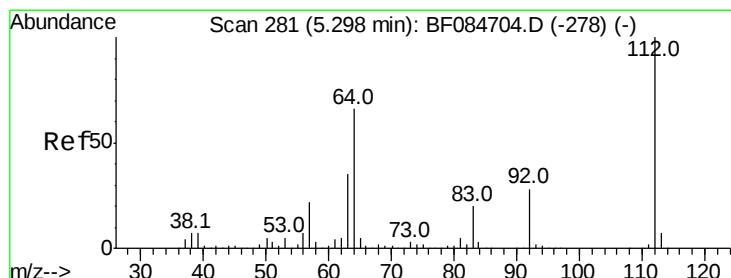
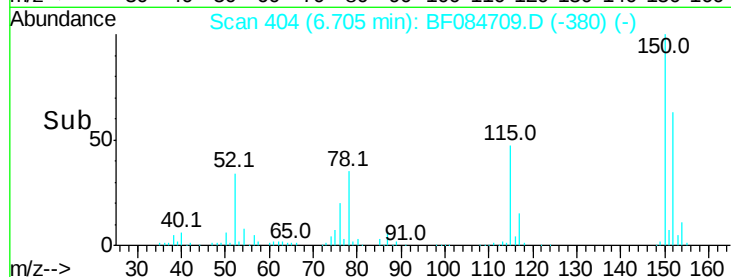
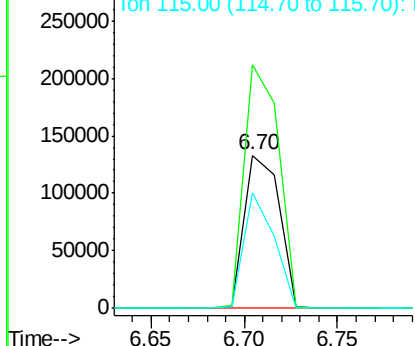
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BL

Tot Ion:152 Resp: 172068
 Ion Ratio Lower Upper
 152 100
 150 159.4 123.0 184.4
 115 75.5 51.4 77.2



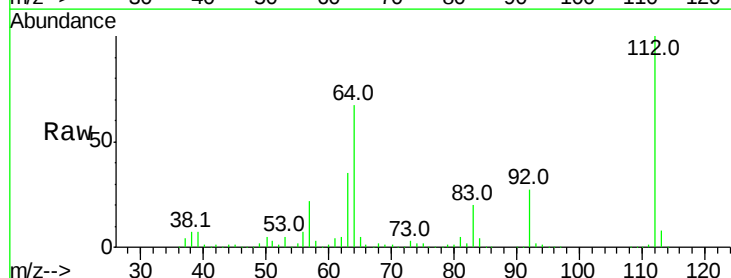
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



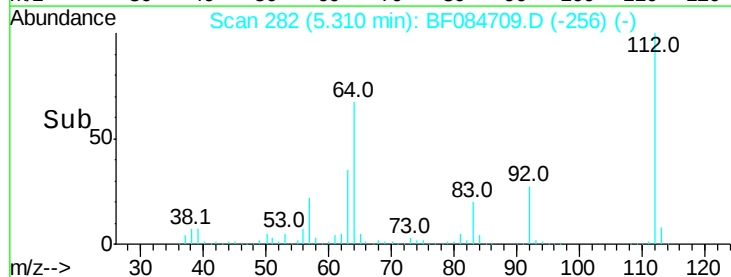
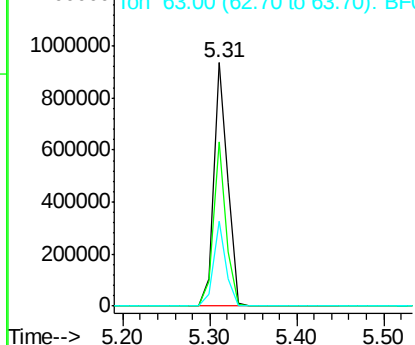
#5

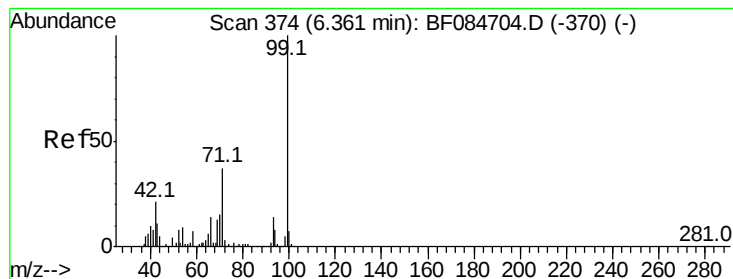
2-Fluorophenol
 Concen: 95.47 ng
 RT: 5.31 min Scan# 282
 Delta R.T. 0.00 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

Tgt Ion:112 Resp: 1054651
 Ion Ratio Lower Upper
 112 100
 64 67.3 36.6 55.0#
 63 34.7 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: 105.34 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Instrument :

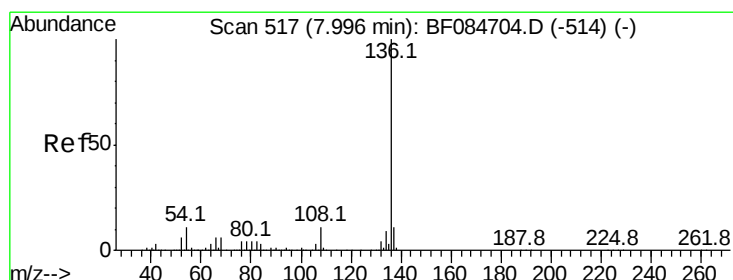
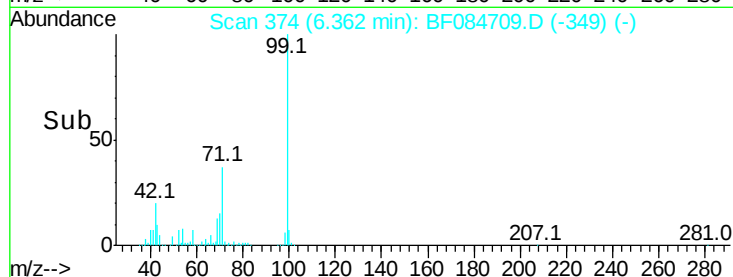
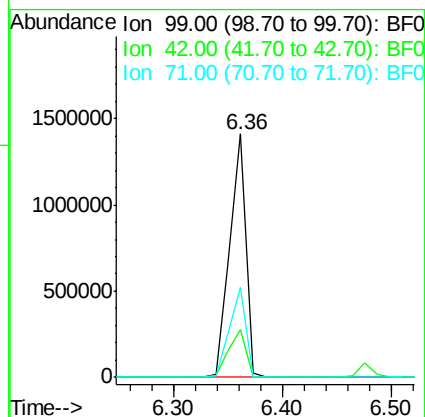
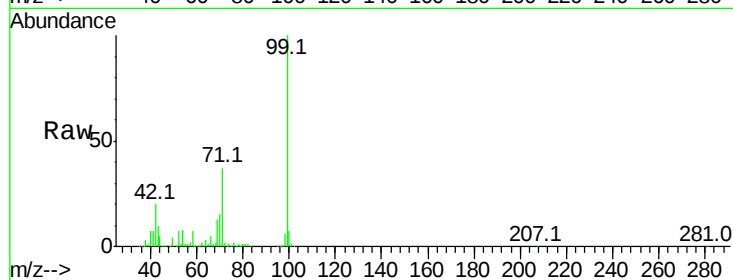
BNA_F

ClientSampleId :

PB88000BL

Tot Ion: 99 Resp: 1442612

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	36.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

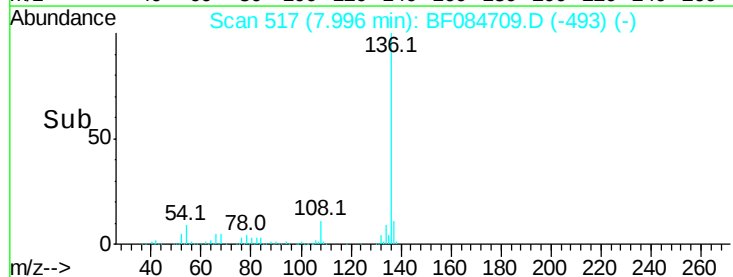
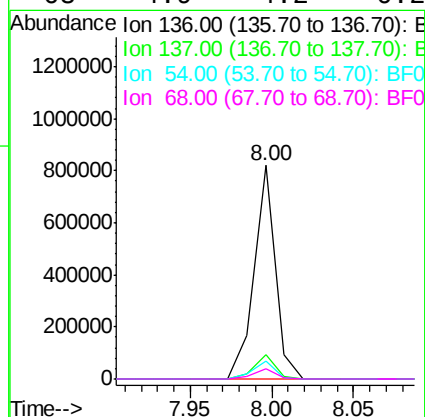
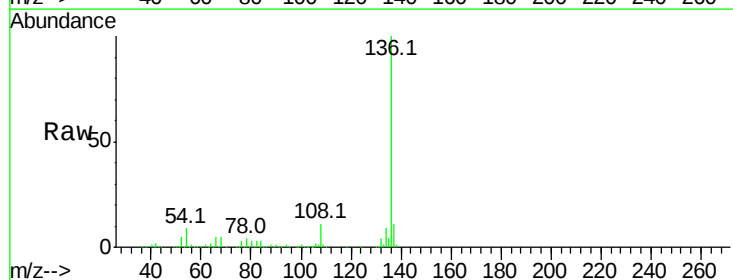
Delta R.T. -0.02 min

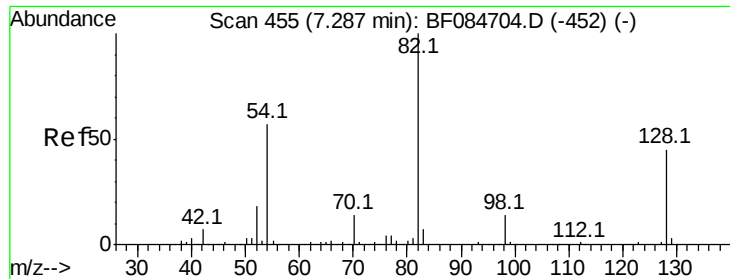
Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Tgt Ion: 136 Resp: 742124

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.7	5.8	8.8
68	4.9	4.2	6.2

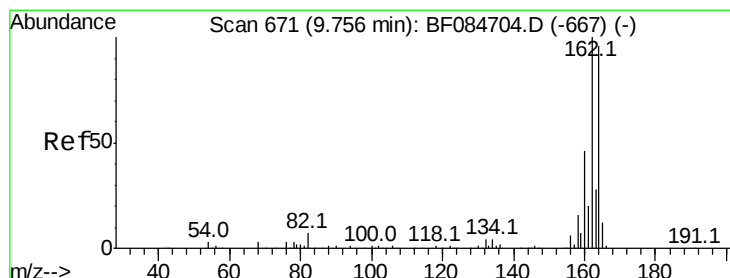
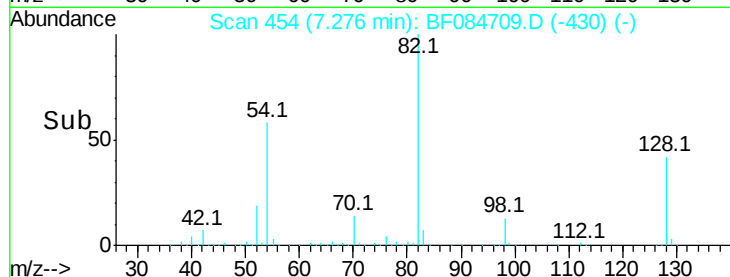
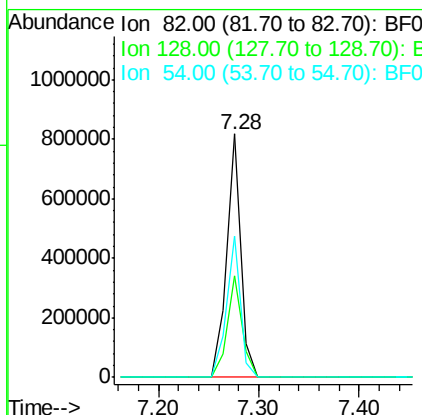
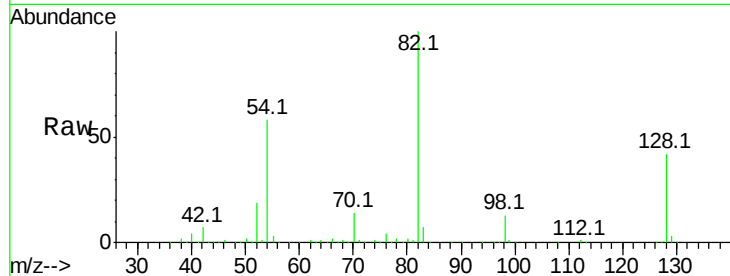




#23
 Nitrobenzene-d5
 Concen: 60.65 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

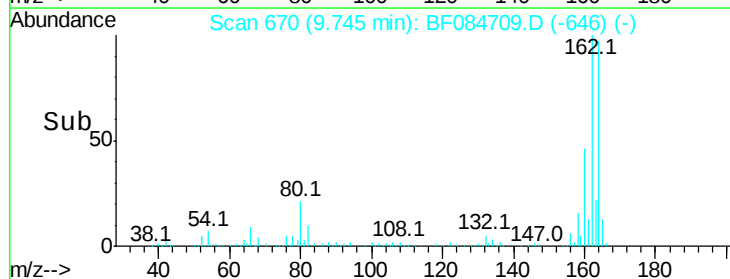
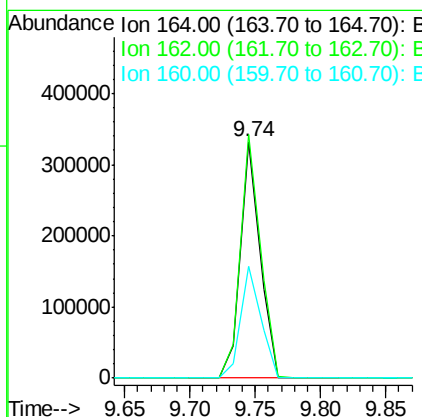
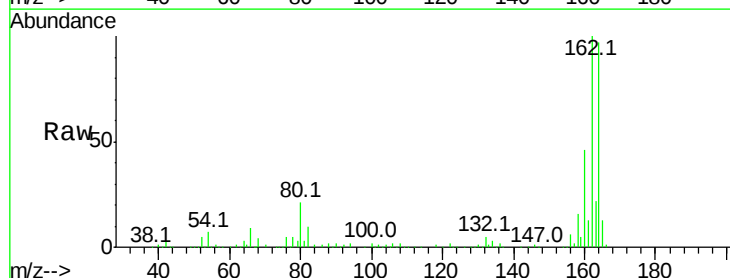
Instrument :
 BNA_F
 ClientSampleId :
 PB88000BL

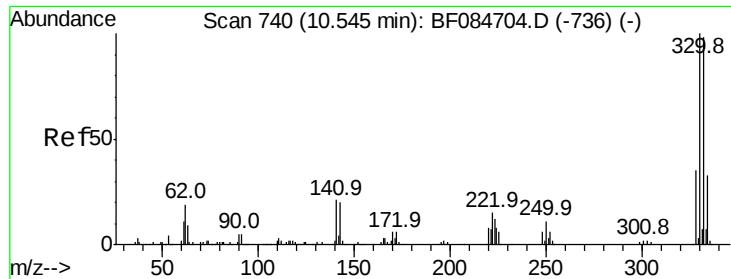
Tot Ion: 82 Resp: 799026
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 58.2 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

Tgt Ion:164 Resp: 346008
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 47.3 37.5 56.3

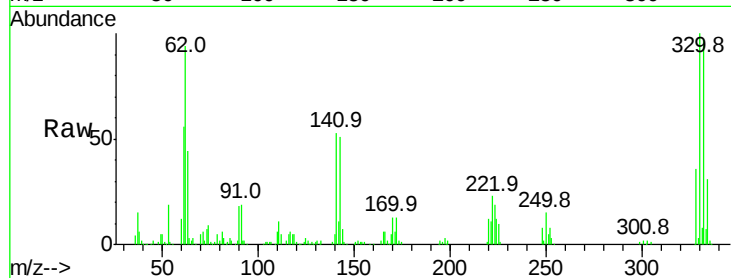




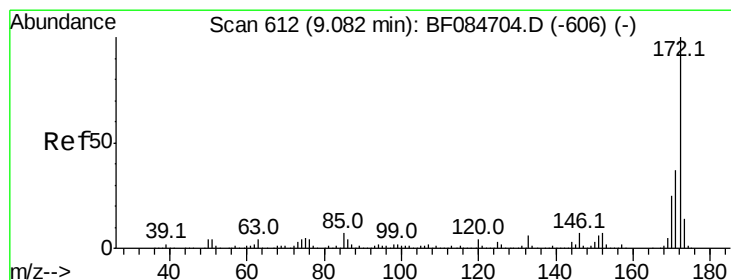
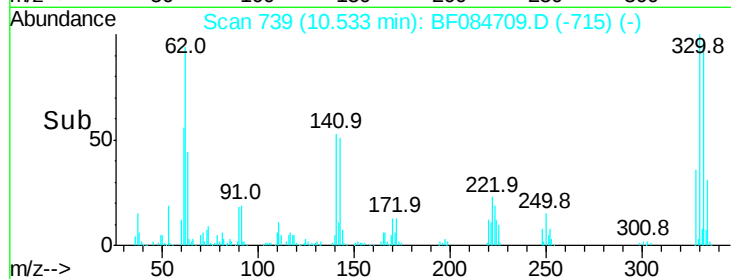
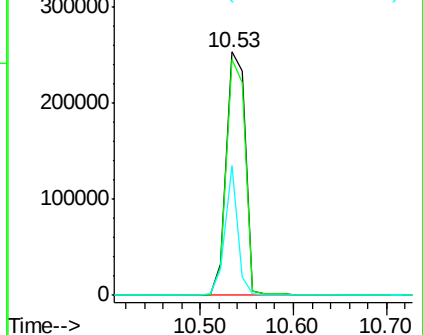
#41
 2,4,6-Tribromophenol
 Concen: 101.00 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BL

Tot Ion:330 Resp: 364518
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 34.9 27.8 41.6

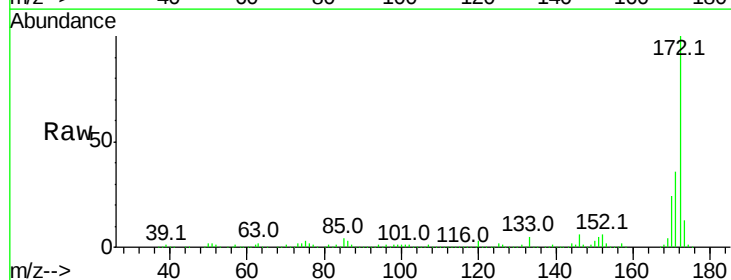


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

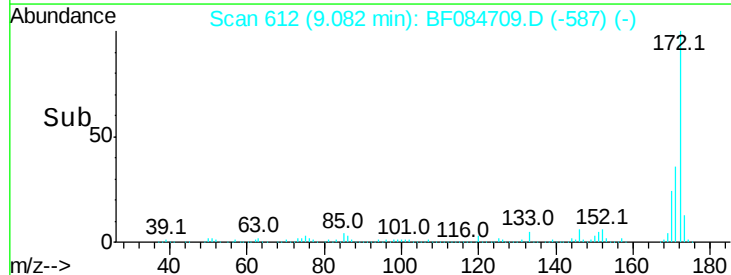
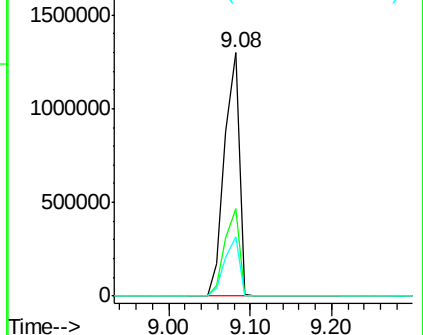


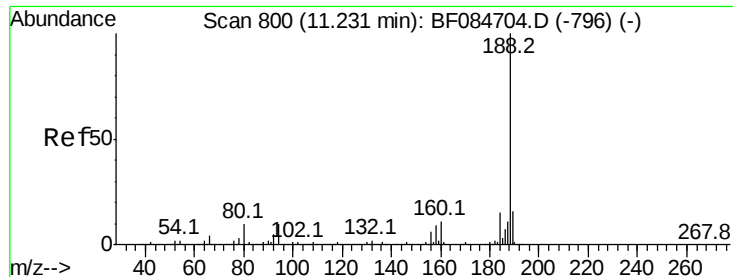
#44
 2-Fluorobiphenyl
 Concen: 76.31 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

Tgt Ion:172 Resp: 1622676
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

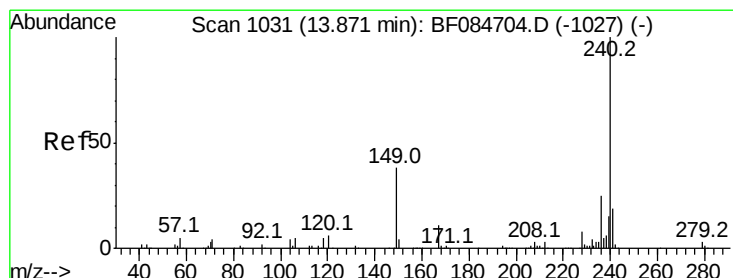
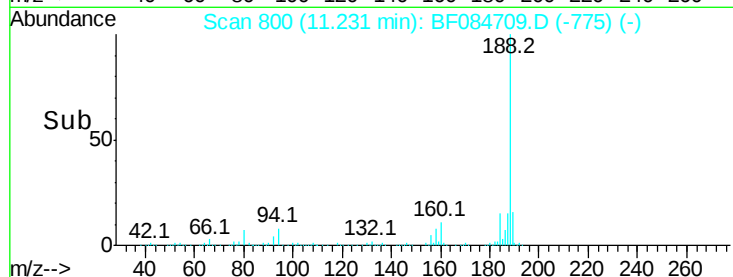
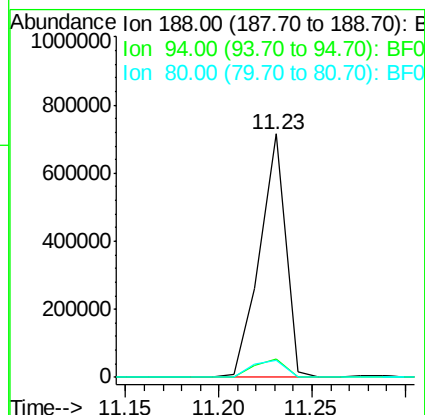
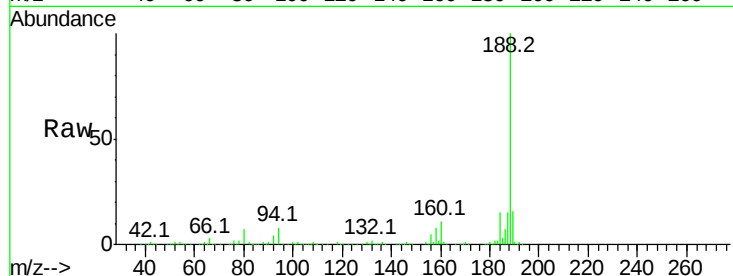




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084709.D
Acq: 1 Feb 2016 15:09

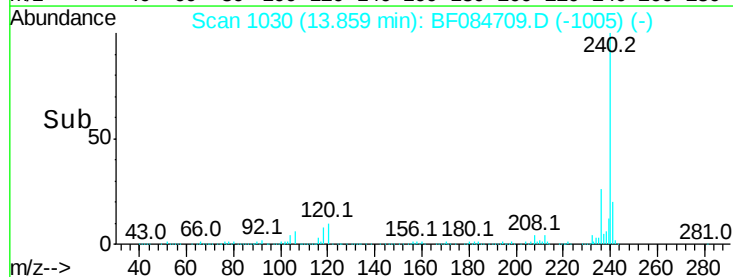
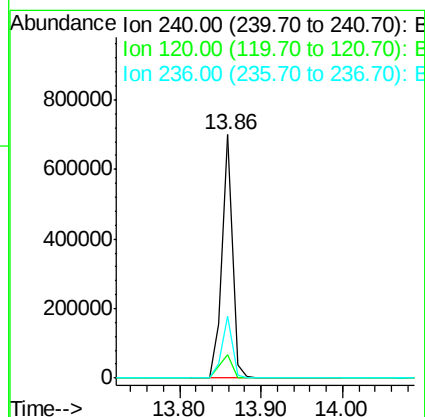
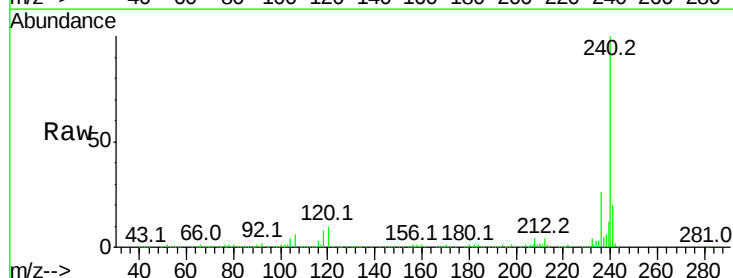
Instrument :
BNA_F
ClientSampleID :
PB88000BL

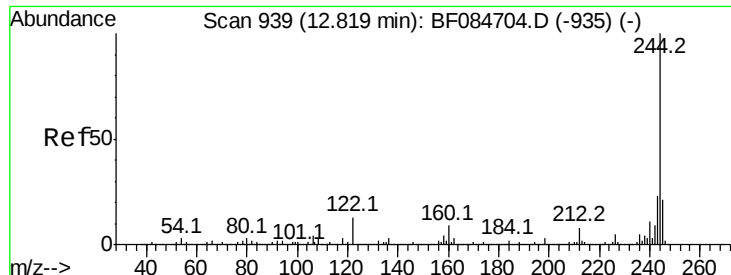
Tot Ion:188 Resp: 690032
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.4#
80 7.1 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084709.D
Acq: 1 Feb 2016 15:09

Tgt Ion:240 Resp: 623477
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.5 20.6 31.0





#78

Terphenyl-d14

Concen: 59.63 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB88000BL

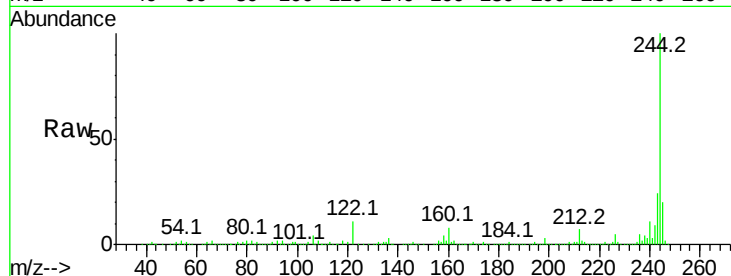
Tot Ion:244 Resp: 1640719

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.0	7.4	11.0

244 100

212 7.4 5.7 8.5

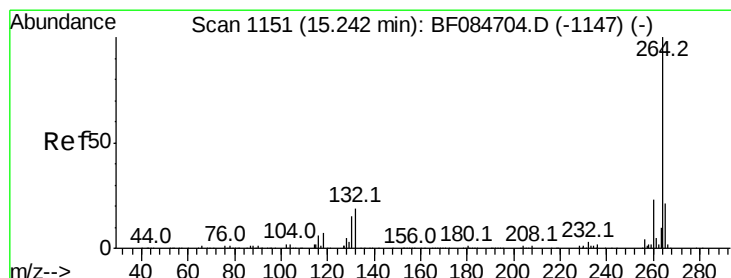
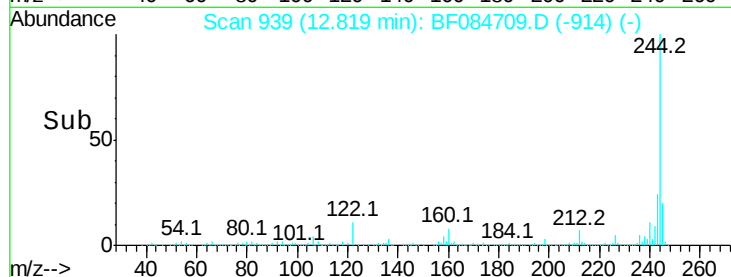
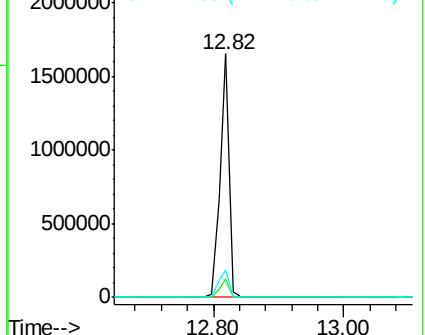
122 11.0 7.4 11.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

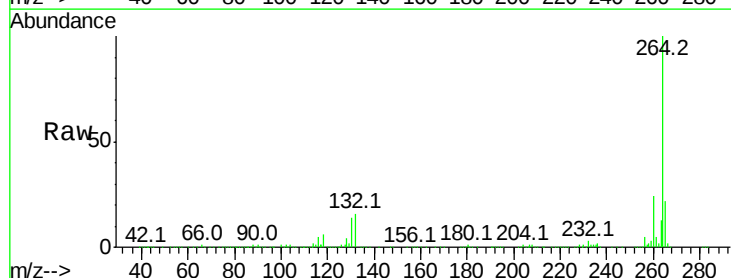
Tgt Ion:264 Resp: 455633

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.9	17.8	26.6

264 100

260 24.0 19.4 29.2

265 21.9 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

