

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088151.D
 Acq On : 18 Jun 2016 23:55
 Operator : UM/SJ
 Sample : PB91406BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BL

Quant Time: Jun 20 06:33:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92499	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	326275	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	135640	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	221109	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	181484	20.00	ng	-0.02
86) Perylene-d12	15.21	264	138021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	617397	114.11	ng	0.01
7) Phenol-d6	6.34	99	696117	106.16	ng	-0.01
23) Nitrobenzene-d5	7.26	82	432149	77.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	115489	80.64	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	748649	86.82	ng	-0.02
78) Terphenyl-d14	12.79	244	638214	80.02	ng	-0.01

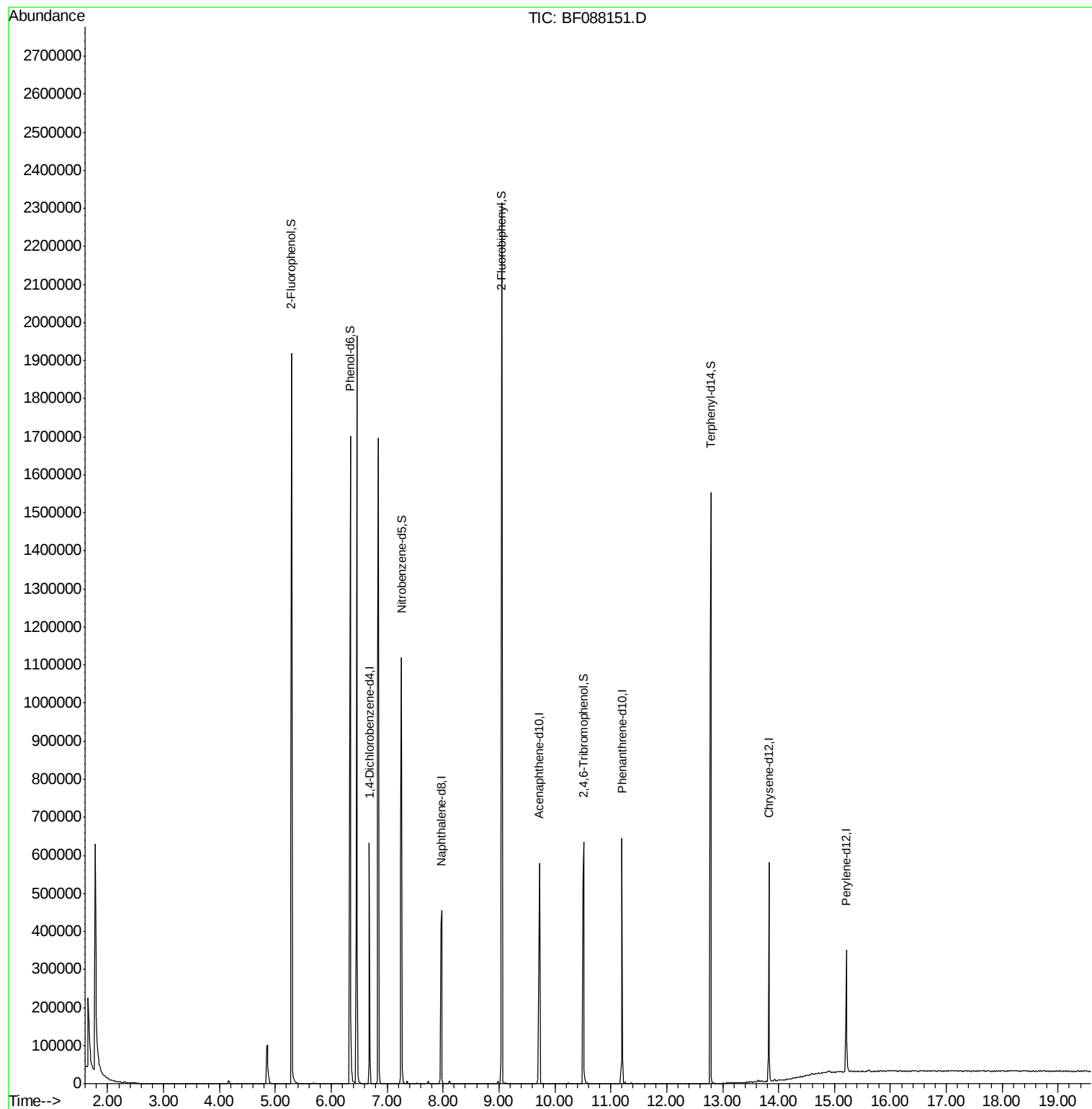
Target Compounds Qvalue

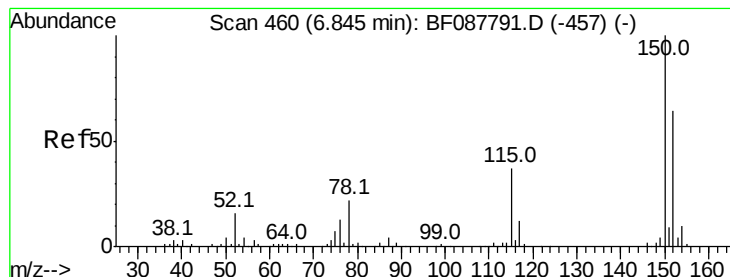
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

Instrument :

BNA_F

ClientSampleId :

PB91406BL

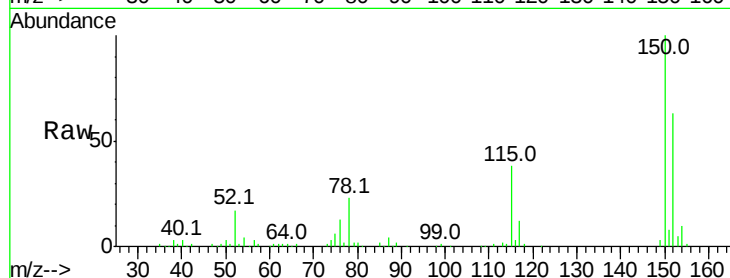
Tot Ion:152 Resp: 92499

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

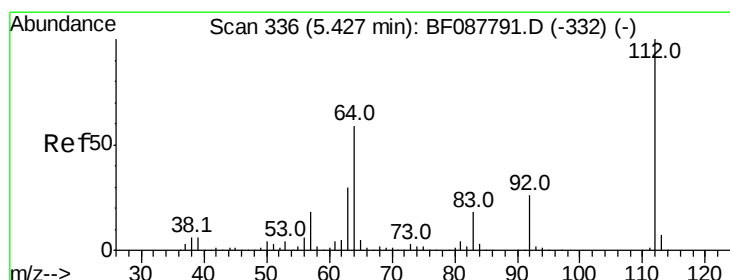
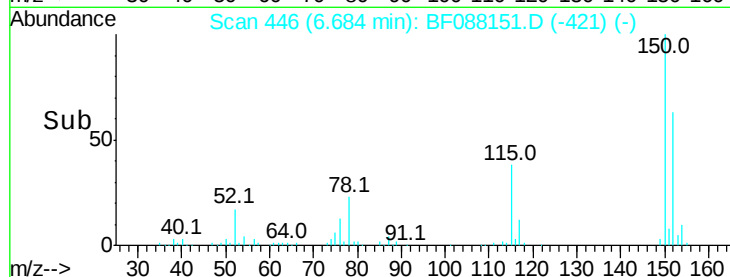
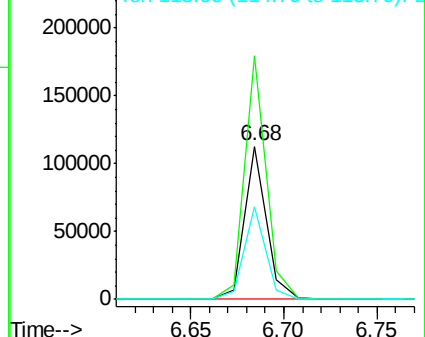
115 60.9 39.6 59.4#



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: 114.11 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

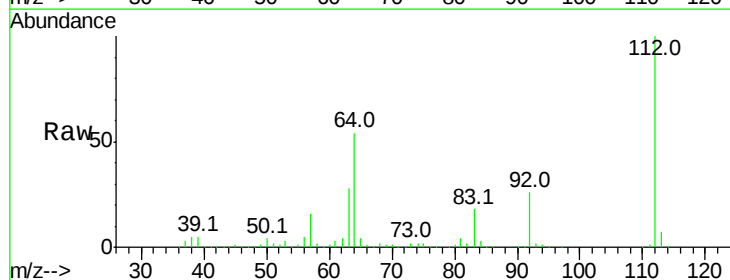
Tgt Ion:112 Resp: 617397

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.2

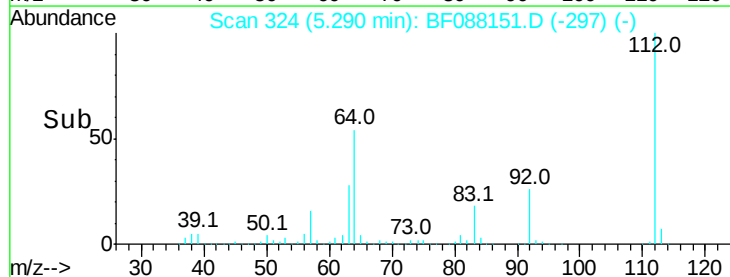
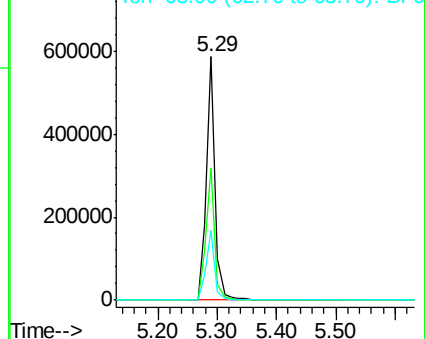
63 28.3 21.8 32.8



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: 106.16 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

Instrument :

BNA_F

ClientSampleId :

PB91406BL

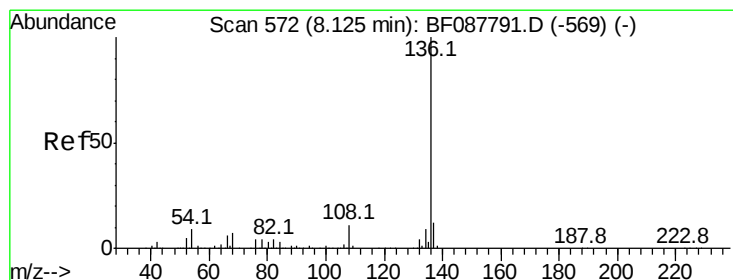
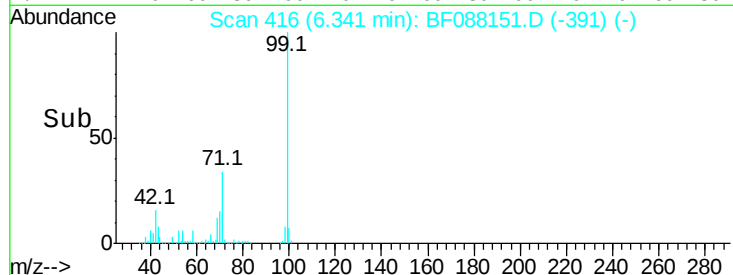
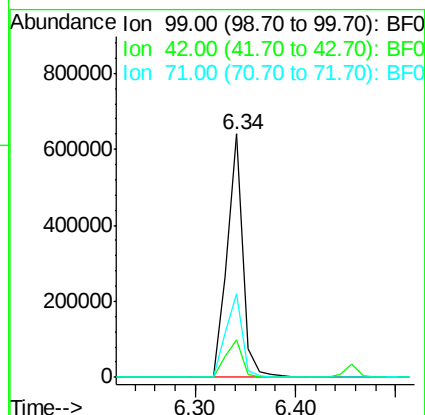
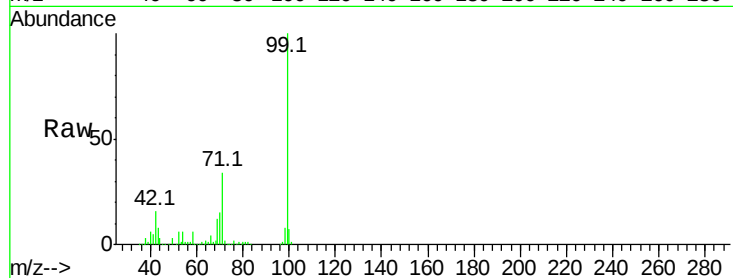
Tot Ion: 99 Resp: 696117

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

71 34.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

Tgt Ion: 136 Resp: 326275

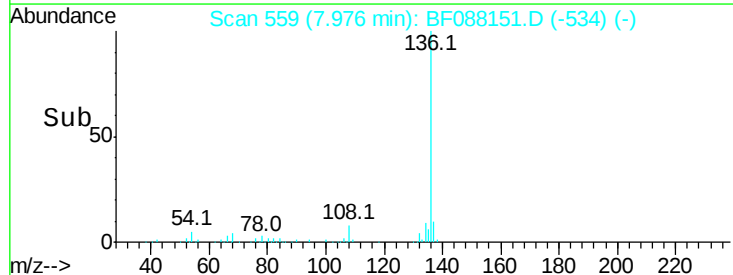
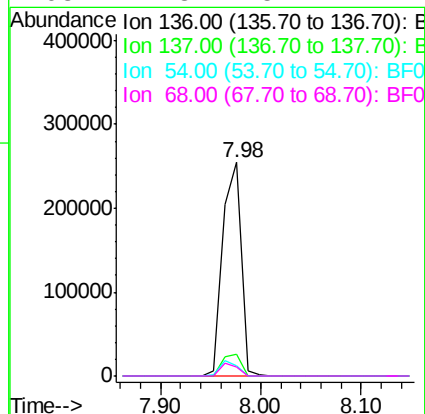
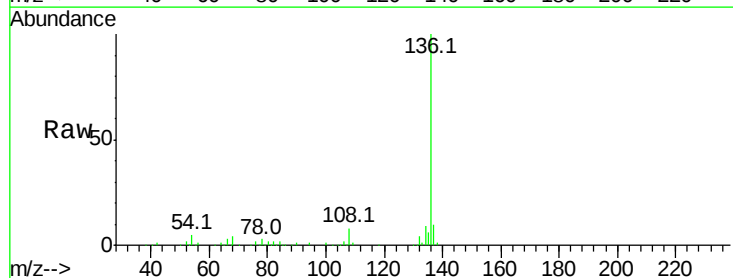
Ion Ratio Lower Upper

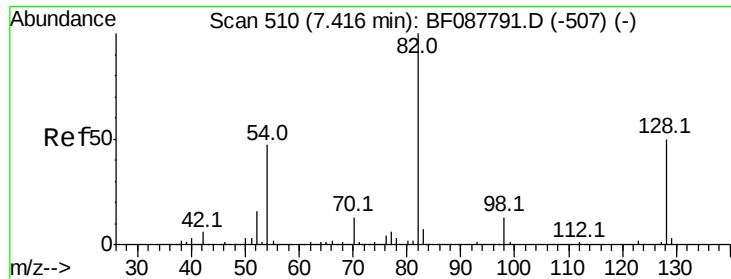
136 100

137 10.4 9.1 13.7

54 4.7 6.6 10.0#

68 4.3 5.1 7.7#

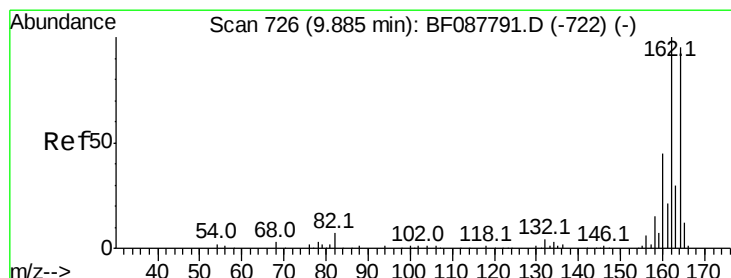
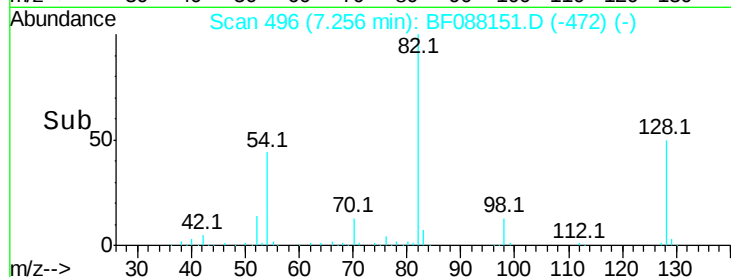
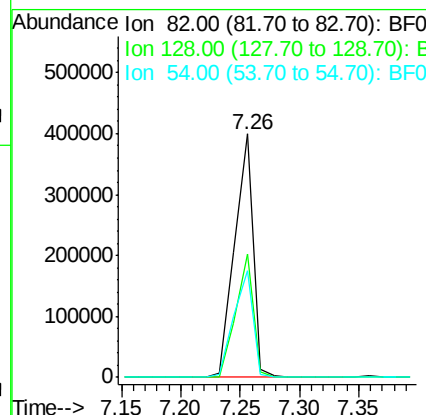
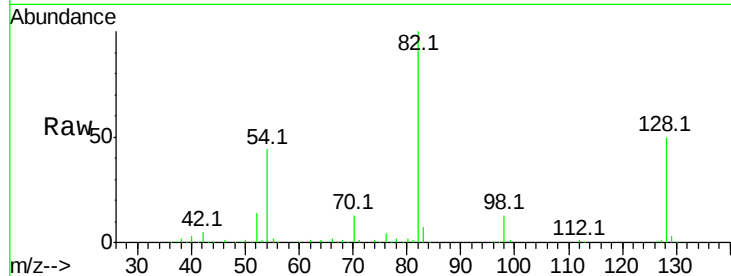




#23
 Nitrobenzene-d5
 Concen: 77.34 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

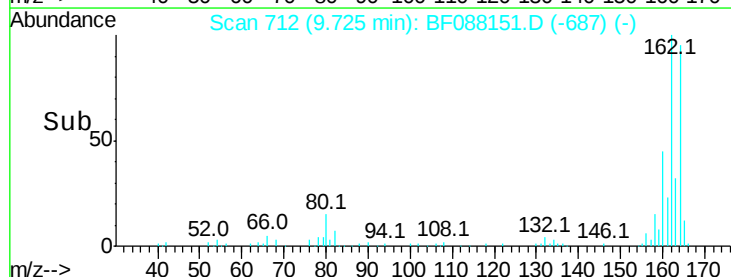
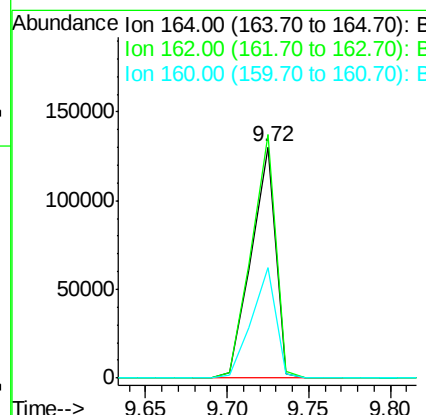
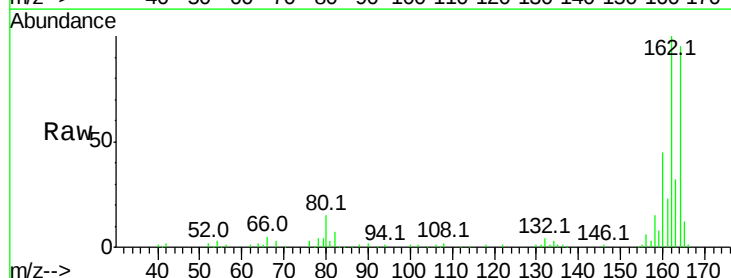
Instrument :
 BNA_F
 ClientSampleId :
 PB91406BL

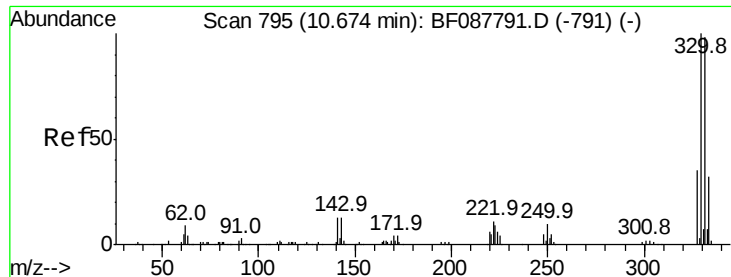
Tot Ion	82	Resp	432149
Ion Ratio	Lower	Upper	
82	100		
128	50.4	35.9	53.9
54	43.8	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Tgt Ion	164	Resp	135640
Ion Ratio	Lower	Upper	
164	100		
162	105.2	85.4	128.2
160	47.6	39.5	59.3

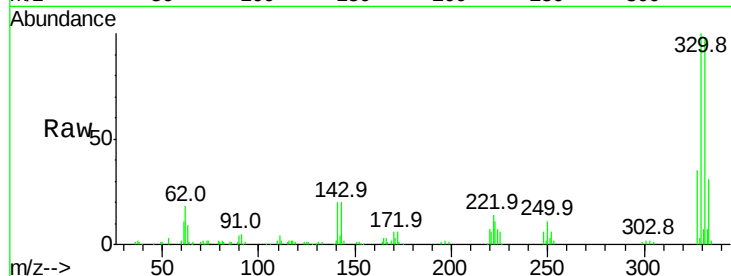




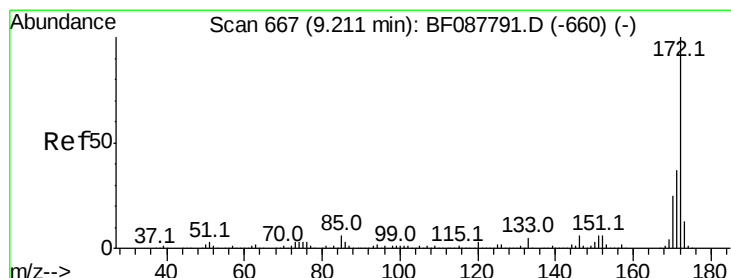
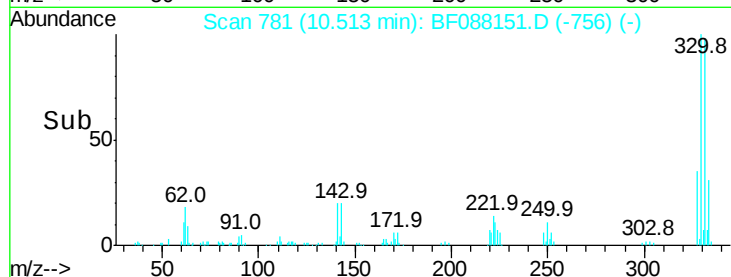
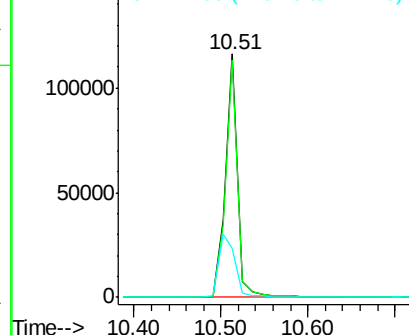
#41
 2,4,6-Tribromophenol
 Concen: 80.64 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	34.4	0.0	0.0#

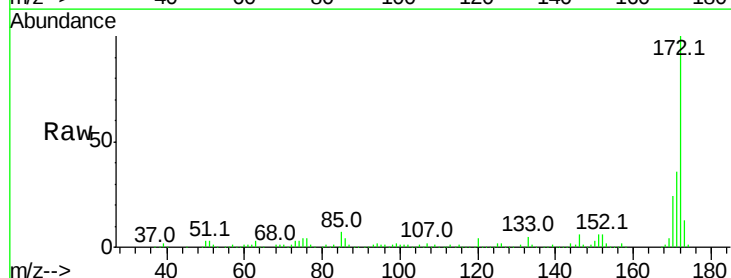


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

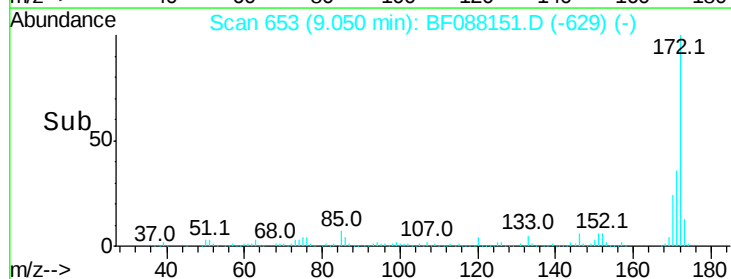
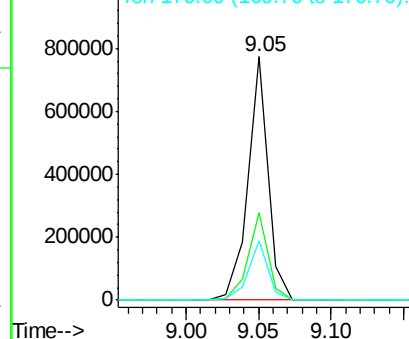


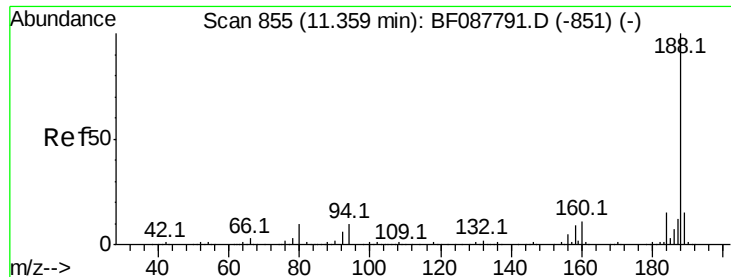
#44
 2-Fluorobiphenyl
 Concen: 86.82 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.2	28.8



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

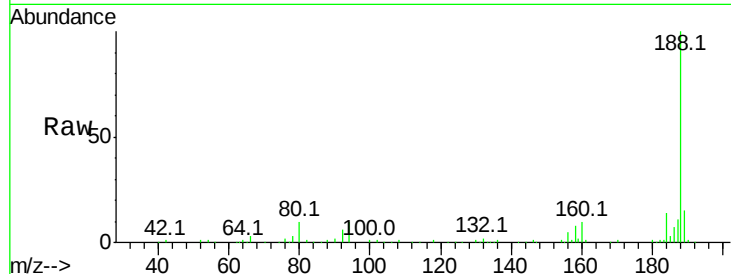




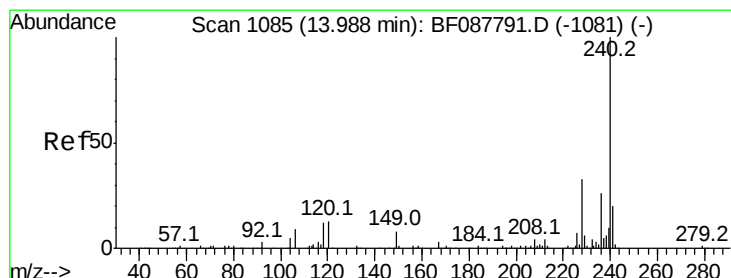
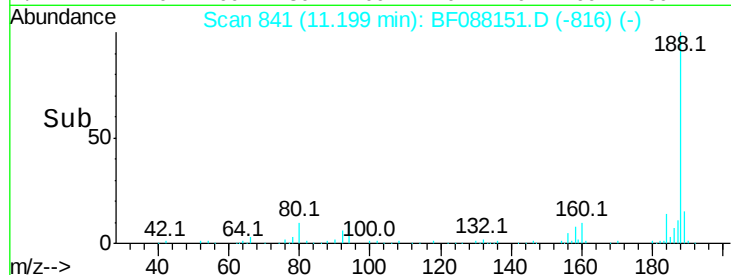
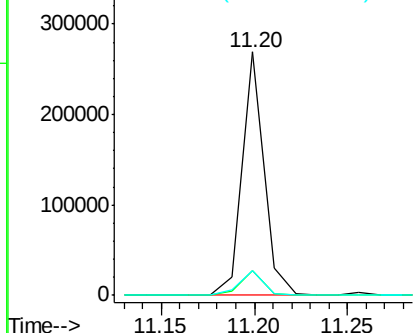
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

Instrument :
BNA_F
ClientSampleId :
PB91406BL

Tot Ion:188 Resp: 221109
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.1 10.0 15.0

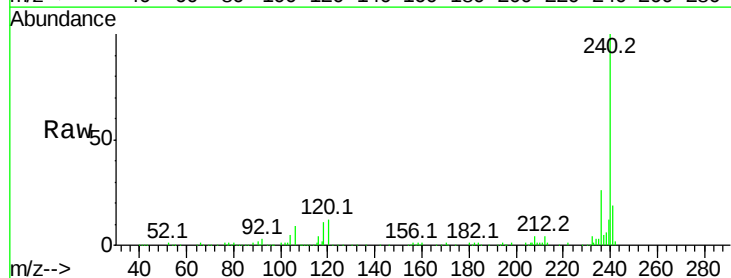


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

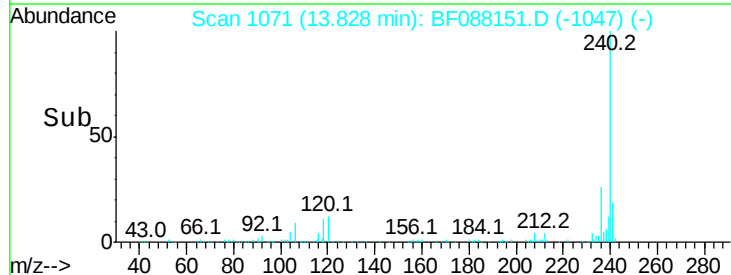
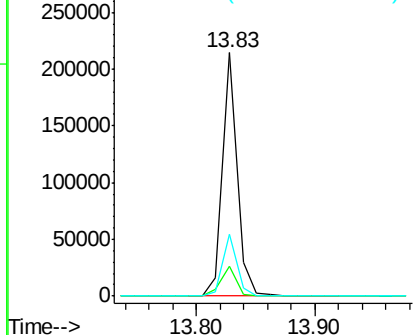


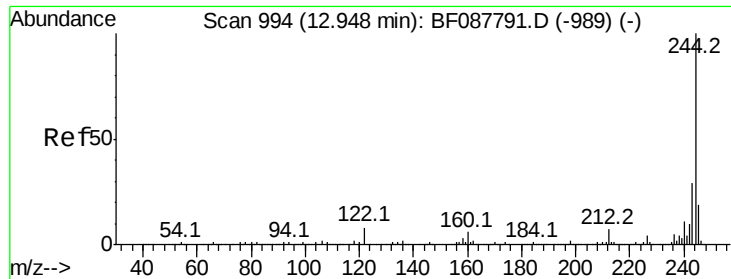
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

Tgt Ion:240 Resp: 181484
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 25.6 20.2 30.2



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

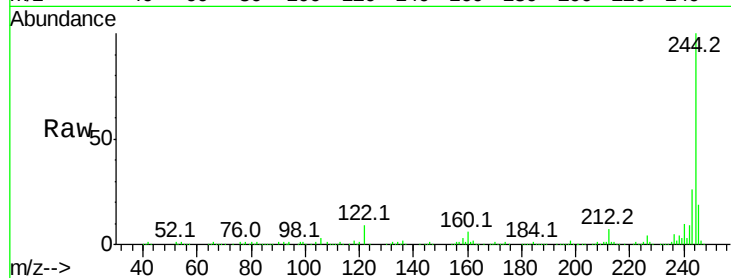




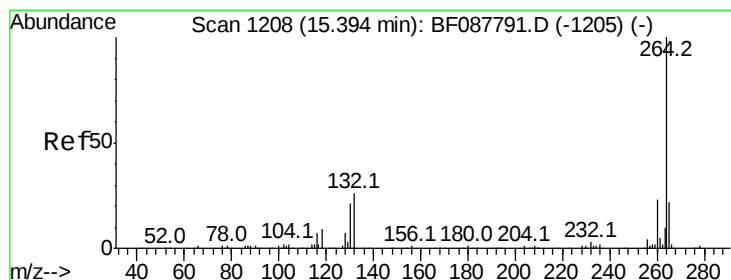
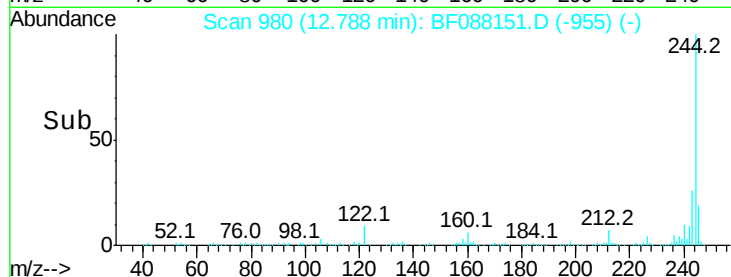
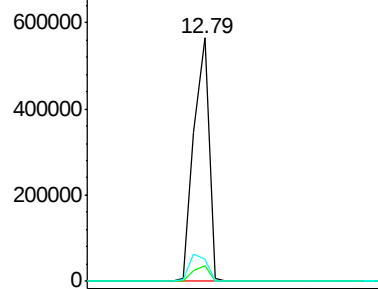
#78
 Terphenyl-d14
 Concen: 80.02 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BL

Tot Ion:244 Resp: 638214
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.9 11.2 16.8#

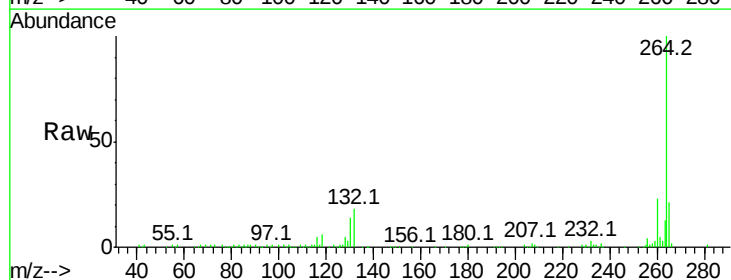


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Tgt Ion:264 Resp: 138021
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.3 16.9 25.3



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

