

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088352.D
 Acq On : 25 Jun 2016 1:11
 Operator : UM/SJ
 Sample : H3607-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P0-004

Quant Time: Jun 25 05:17:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	101703	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	385567	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	165982	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	255543	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	209812	20.00	ng	-0.03
86) Perylene-d12	15.07	264	164749	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	350023	58.84	ng	0.00
7) Phenol-d6	6.25	99	290740	40.33	ng	-0.01
23) Nitrobenzene-d5	7.16	82	590682	89.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	171548	97.88	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	972654	92.55	ng	-0.02
78) Terphenyl-d14	12.67	244	603191	65.42	ng	-0.02

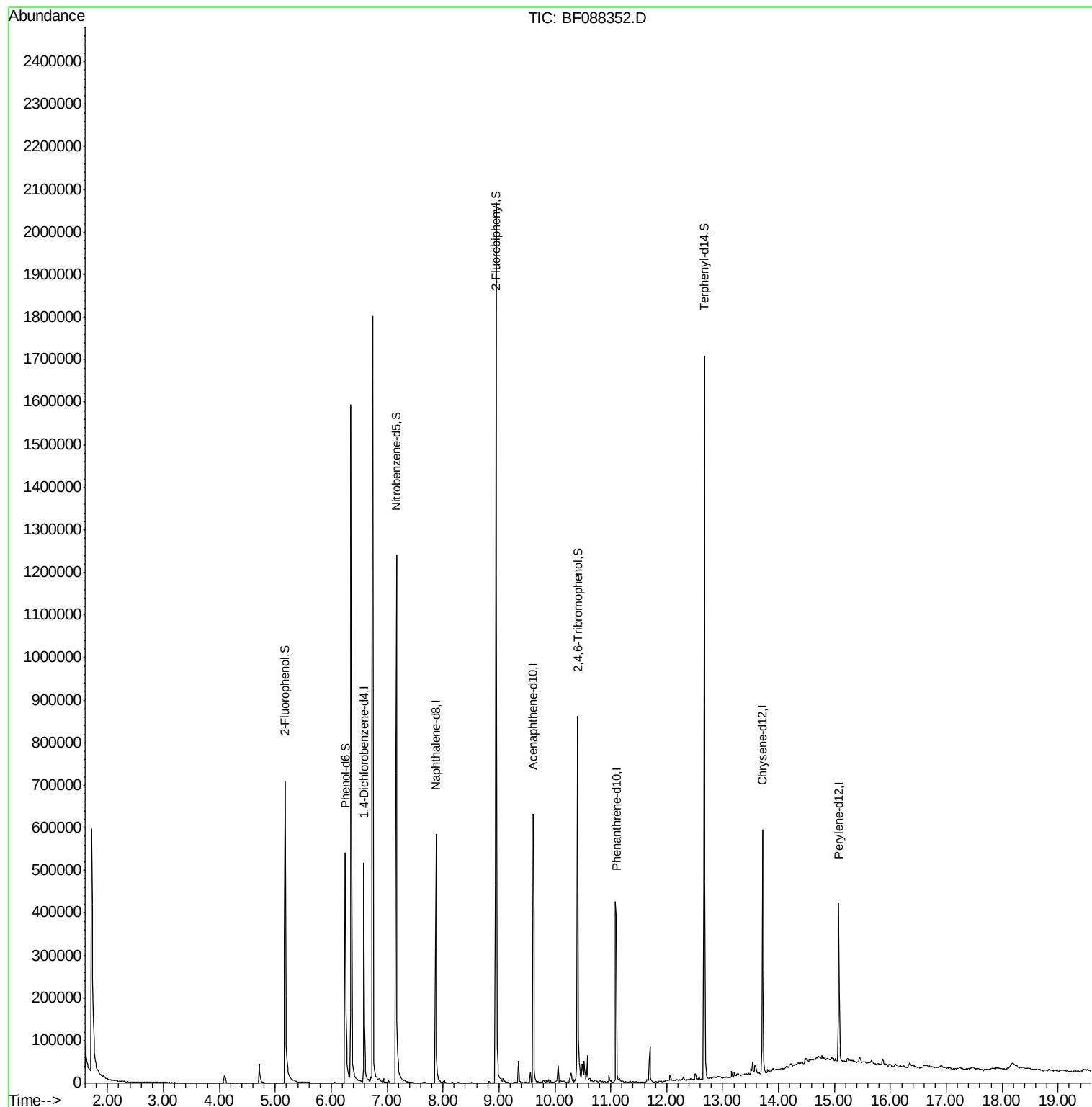
Target Compounds	Qvalue
------------------	--------

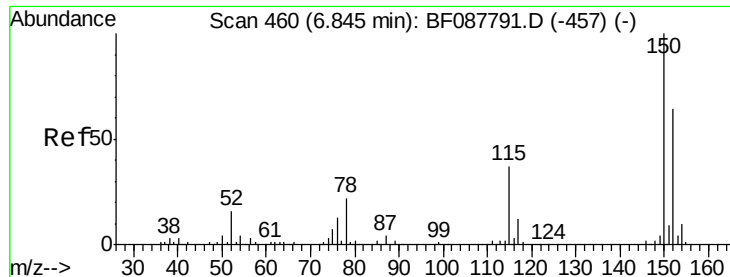
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088352.D
Acq On : 25 Jun 2016 1:11
Operator : UM/SJ
Sample : H3607-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P0-004

Quant Time: Jun 25 05:17:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF088352.D

Acq: 25 Jun 2016 1:11

Instrument :

BNA_F

ClientSampleId :

P0-004

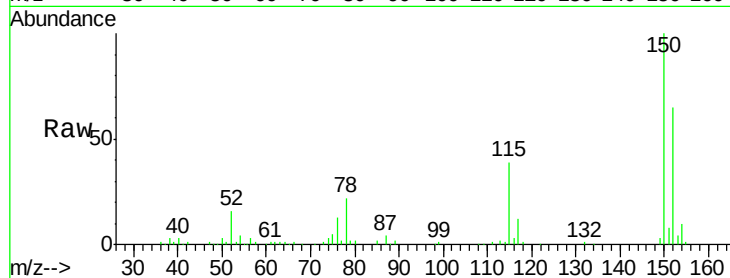
Tgt Ion:152 Resp: 101703

Ion Ratio Lower Upper

152 100

150 154.2 123.8 185.6

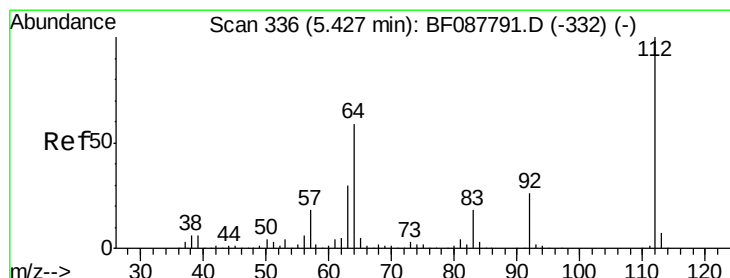
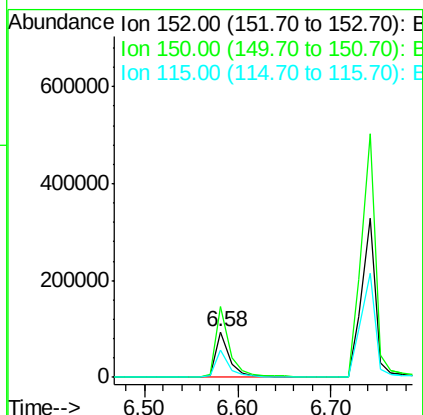
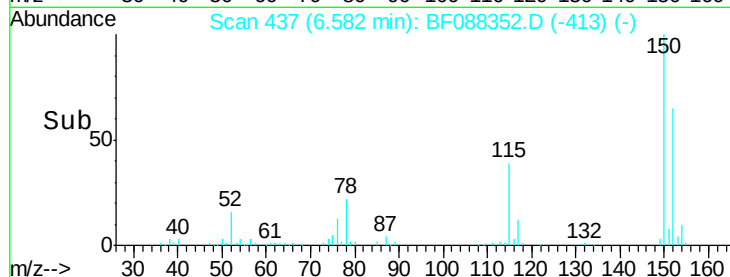
115 59.7 39.6 59.4#



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: 58.84 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF088352.D

Acq: 25 Jun 2016 1:11

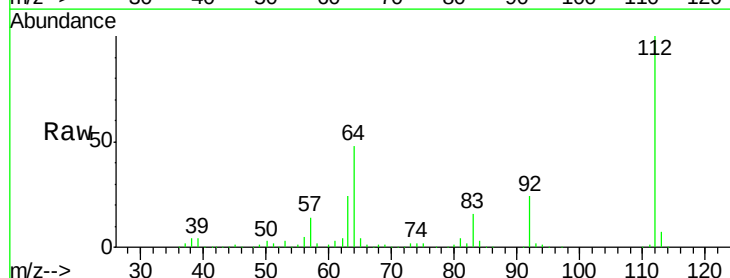
Tgt Ion:112 Resp: 350023

Ion Ratio Lower Upper

112 100

64 48.1 42.2 63.2

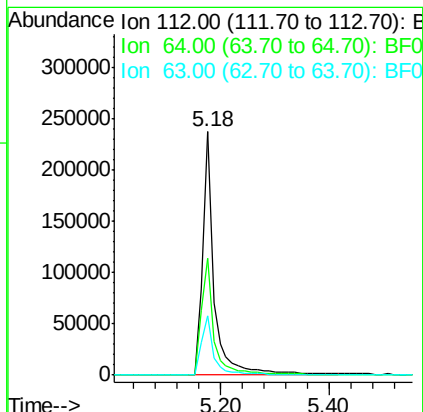
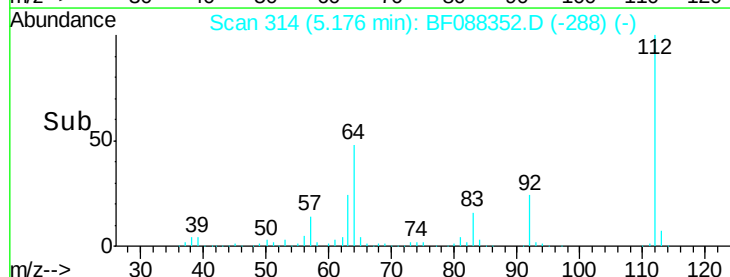
63 24.4 21.8 32.8

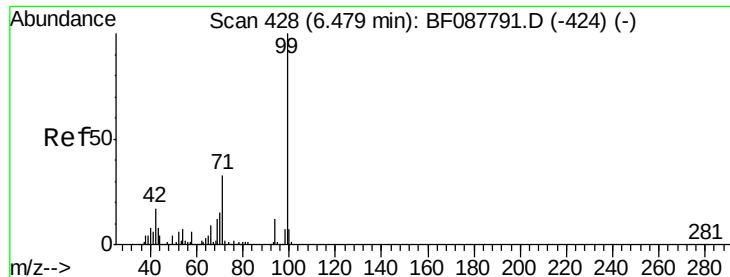


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.33 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088352.D

Acq: 25 Jun 2016 1:11

Instrument :

BNA_F

ClientSampleId :

P0-004

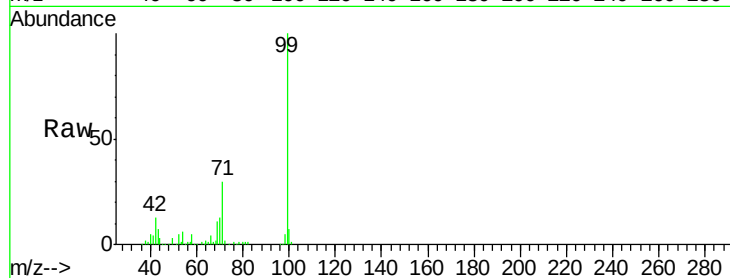
Tgt Ion: 99 Resp: 290740

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

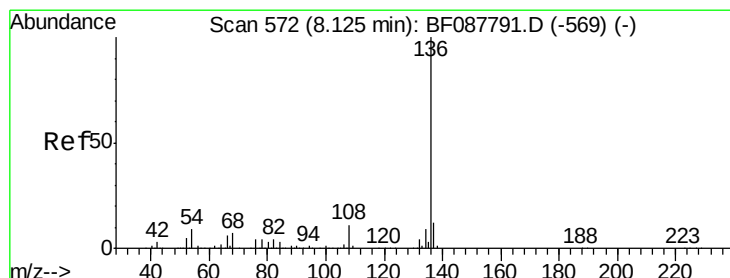
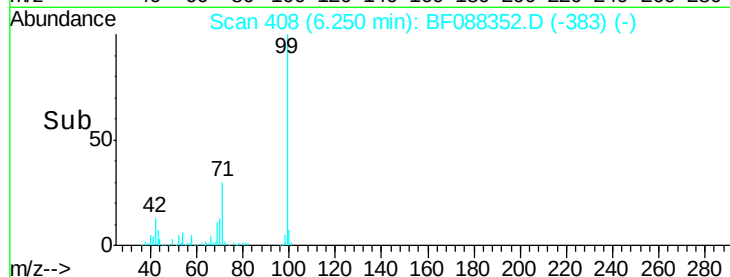
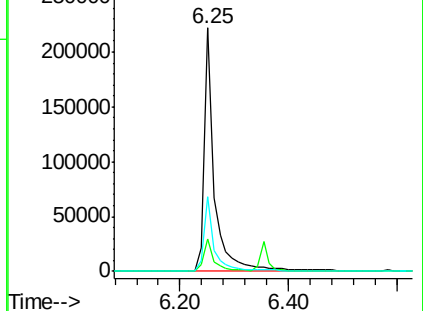
71 30.5 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088352.D

Acq: 25 Jun 2016 1:11

Tgt Ion: 136 Resp: 385567

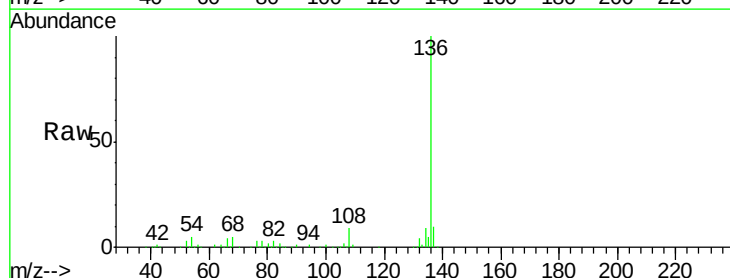
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.1 6.6 10.0#

68 4.5 5.1 7.7#

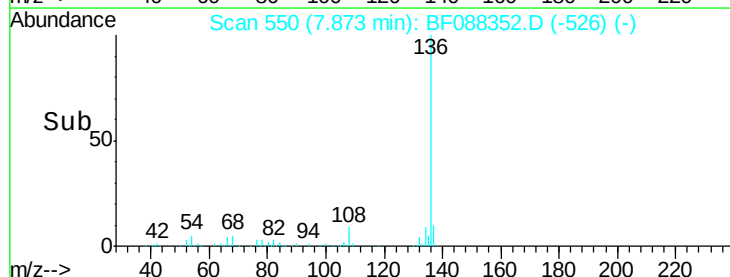
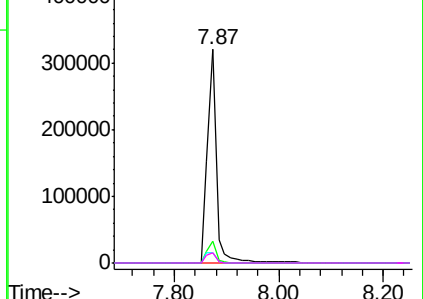


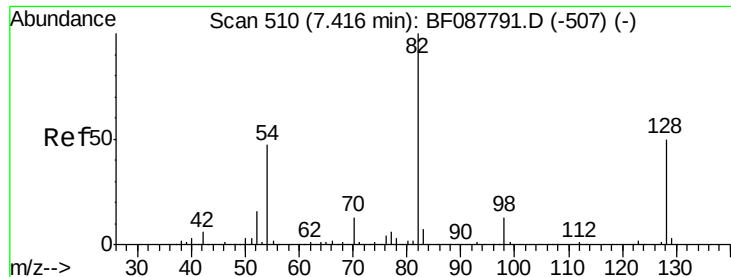
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

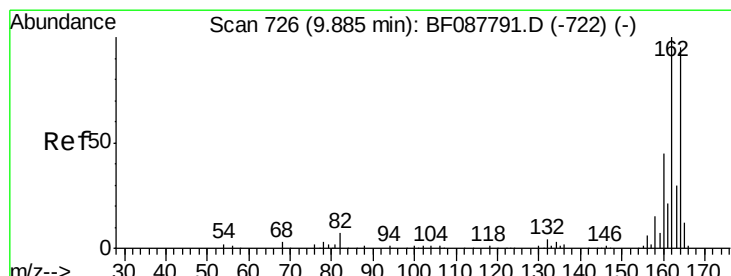
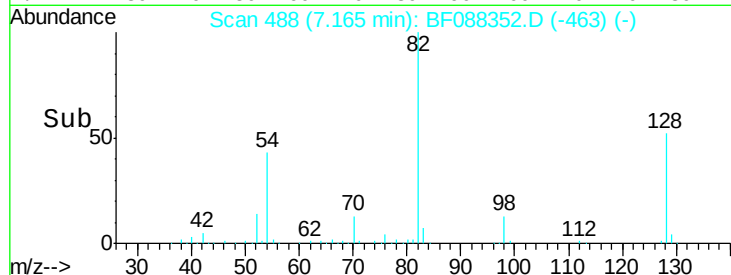
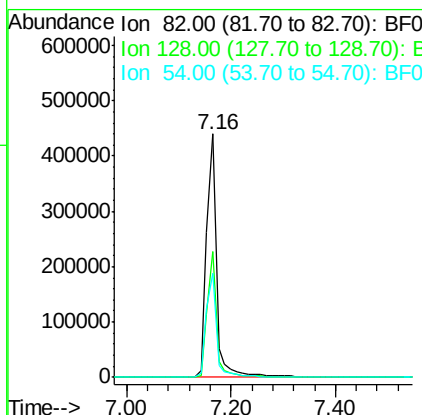
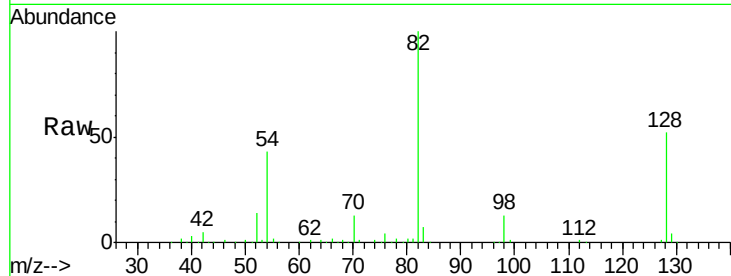




#23
 Nitrobenzene-d5
 Concen: 89.46 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088352.D
 Acq: 25 Jun 2016 1:11

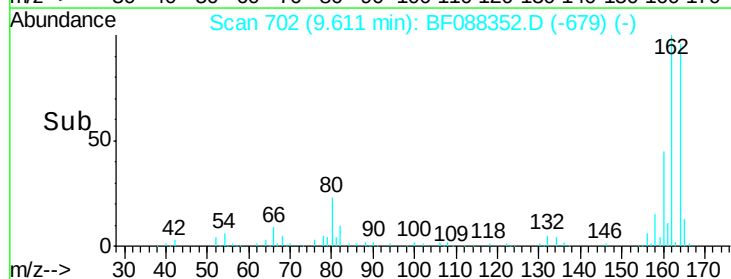
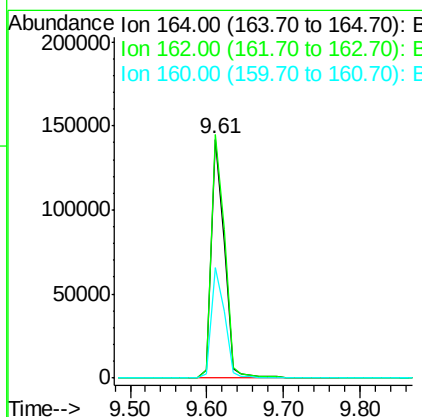
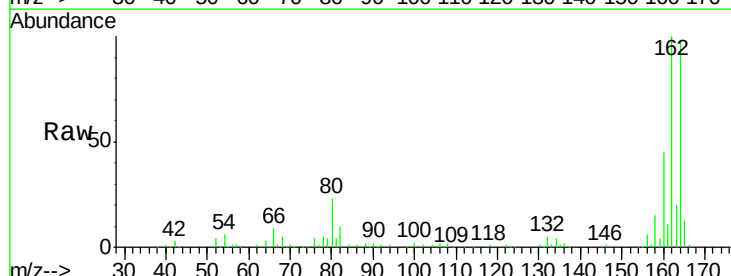
Instrument :
 BNA_F
 ClientSampleID :
 P0-004

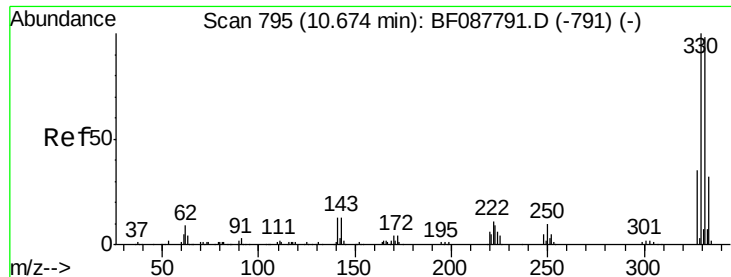
Tgt Ion: 82 Resp: 590682
 Ion Ratio Lower Upper
 82 100
 128 51.6 35.9 53.9
 54 42.9 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088352.D
 Acq: 25 Jun 2016 1:11

Tgt Ion: 164 Resp: 165982
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.4 128.2
 160 46.1 39.5 59.3

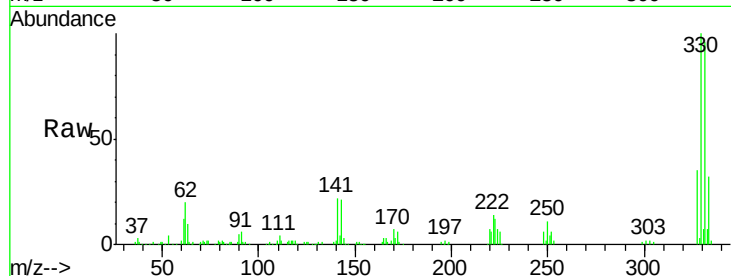




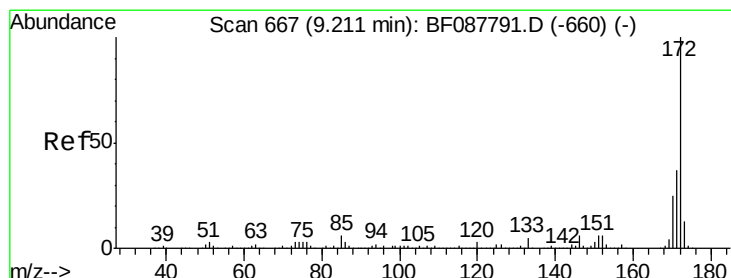
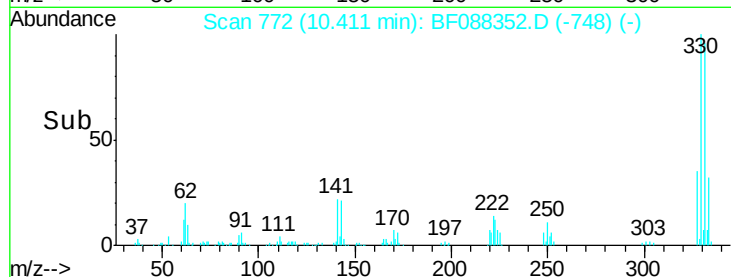
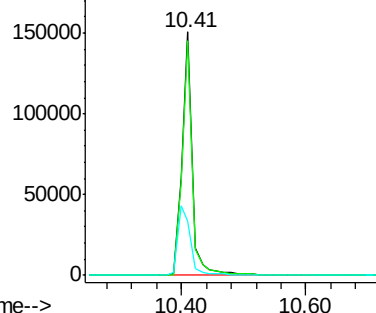
#41
 2,4,6-Tribromophenol
 Concen: 97.88 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088352.D
 Acq: 25 Jun 2016 1:11

Instrument :
 BNA_F
 ClientSampleId :
 P0-004

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	35.7	0.0	0.0#

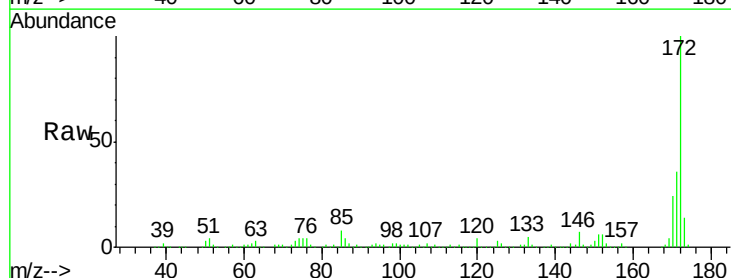


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

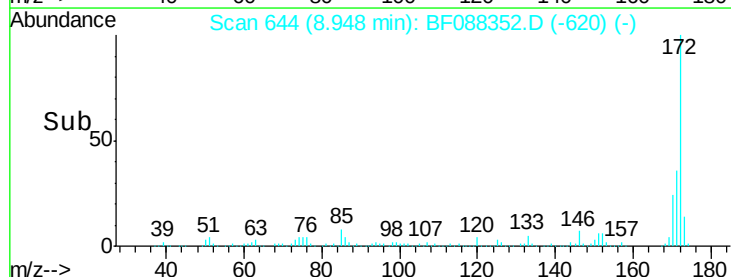
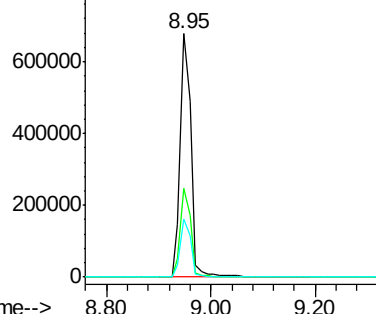


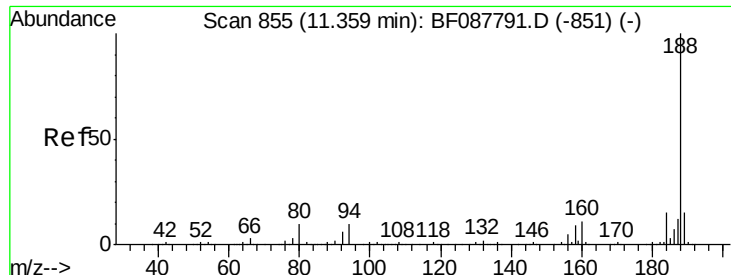
#44
 2-Fluorobiphenyl
 Concen: 92.55 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088352.D
 Acq: 25 Jun 2016 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.8	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

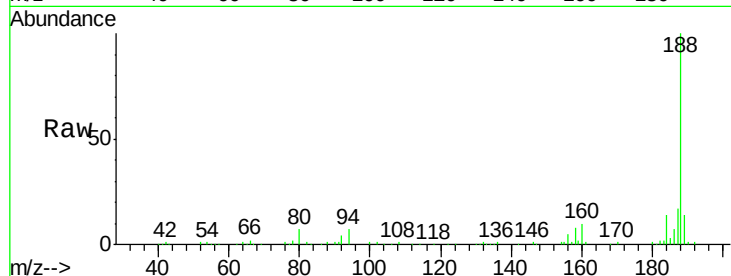




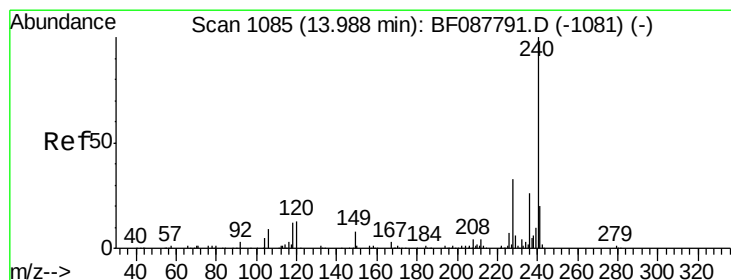
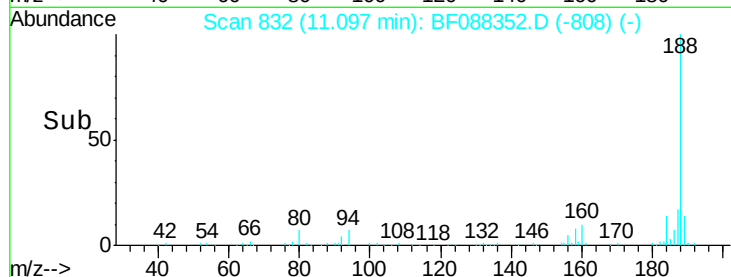
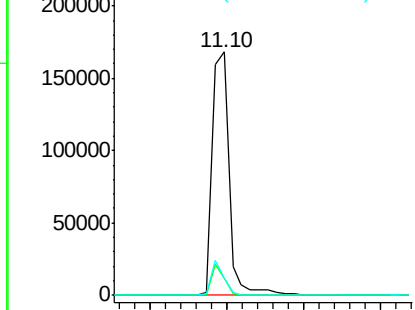
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Instrument :
BNA_F
ClientSampleId :
P0-004

Tgt Ion:188 Resp: 255543
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.6#
80 7.0 10.0 15.0#

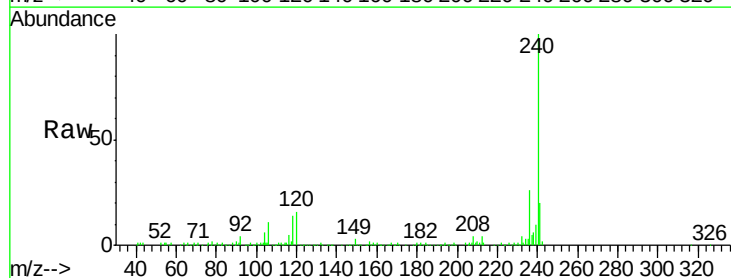


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

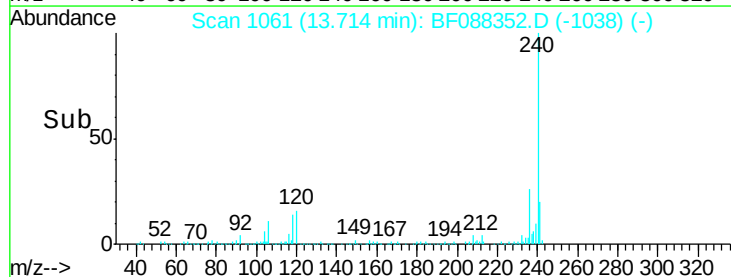
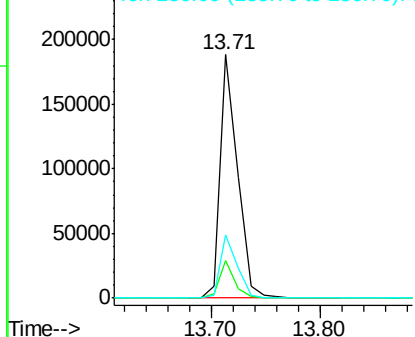


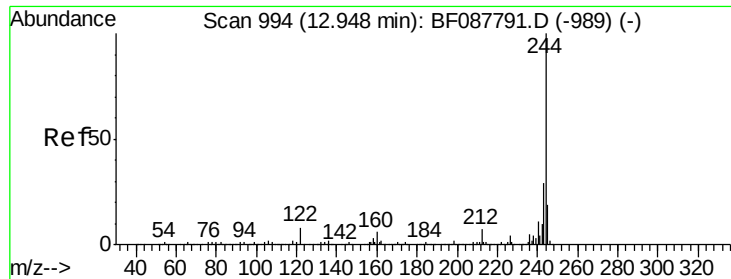
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088352.D
Acq: 25 Jun 2016 1:11

Tgt Ion:240 Resp: 209812
Ion Ratio Lower Upper
240 100
120 15.6 6.8 10.2#
236 25.7 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

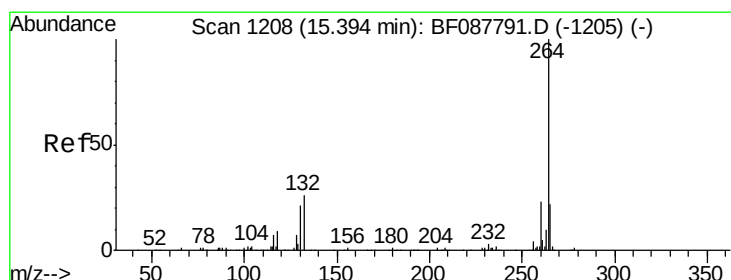
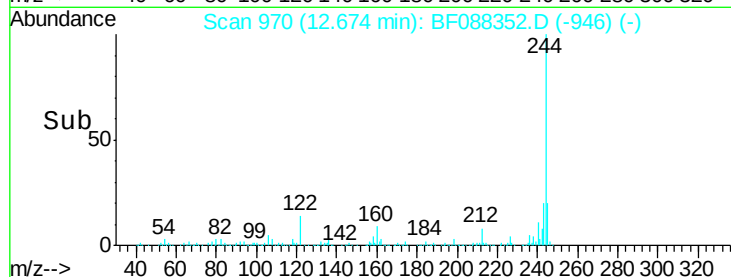
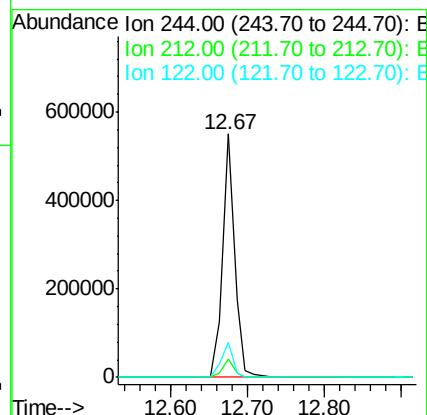
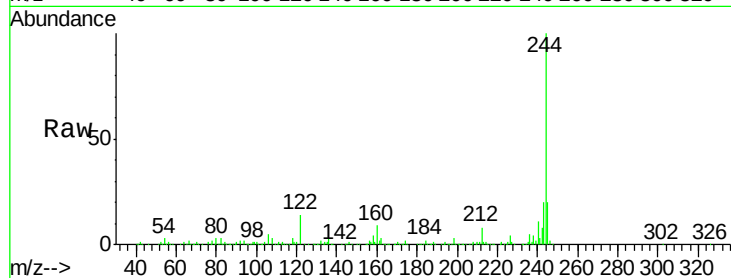




#78
 Terphenyl-d14
 Concen: 65.42 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088352.D
 Acq: 25 Jun 2016 1:11

Instrument :
 BNA_F
 ClientSampleId :
 P0-004

Tgt Ion:244 Resp: 603191
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 14.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF088352.D
 Acq: 25 Jun 2016 1:11

Tgt Ion:264 Resp: 164749
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 16.9 25.3

