

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088188.D
 Acq On : 20 Jun 2016 23:19
 Operator : UM/SJ
 Sample : PB91325BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Quant Time: Jun 21 01:39:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	79361	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	326880	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	151695	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	289915	20.00	ng	0.00
75) Chrysene-d12	13.81	240	217451	20.00	ng	0.00
86) Perylene-d12	15.18	264	173743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	594052	127.97	ng	0.01
7) Phenol-d6	6.32	99	652968	116.06	ng	-0.01
23) Nitrobenzene-d5	7.23	82	397450	71.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	158710	99.09	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	784871	81.02	ng	-0.01
78) Terphenyl-d14	12.77	244	839903	87.89	ng	0.00

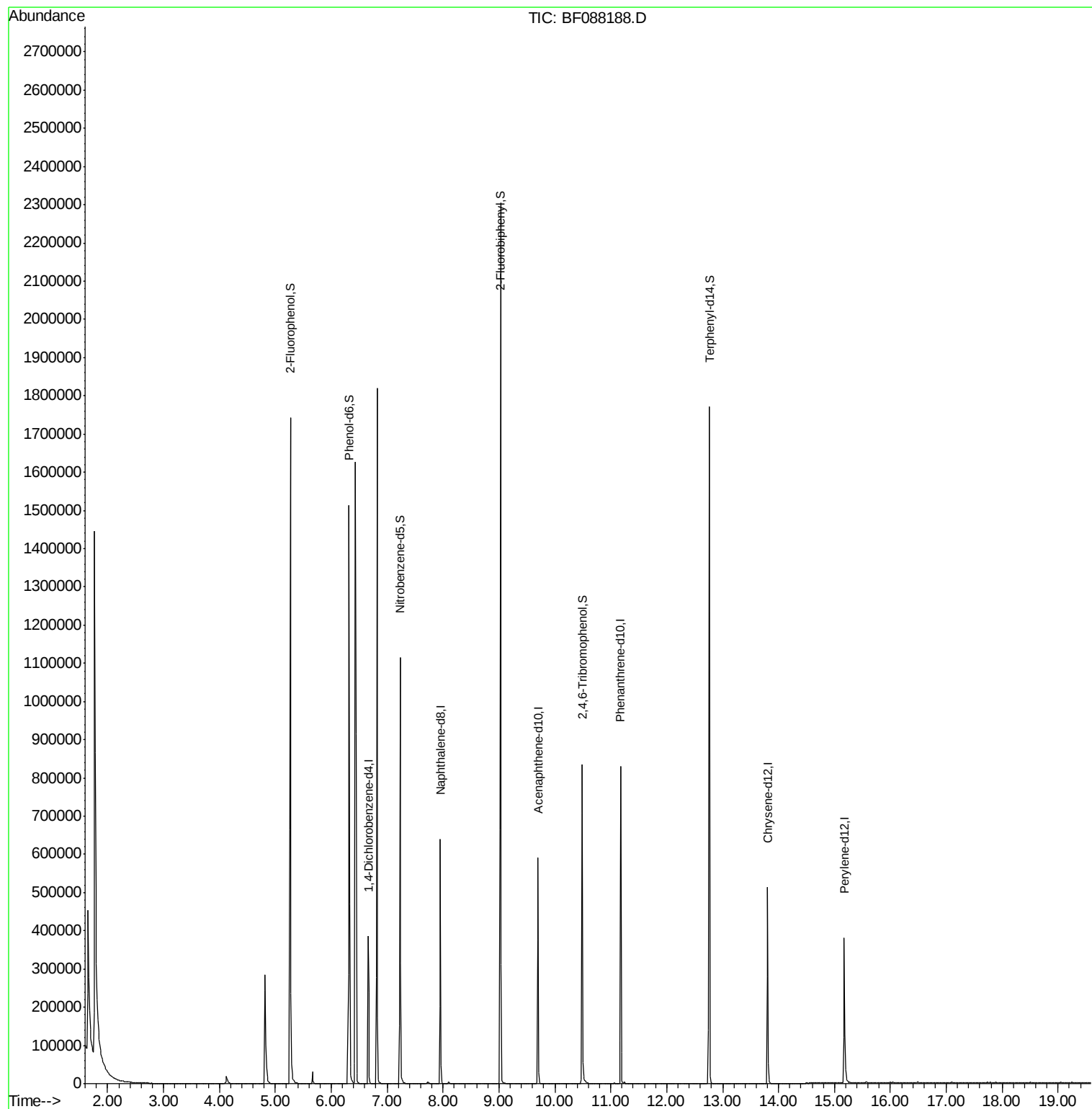
Target Compounds Qvalue

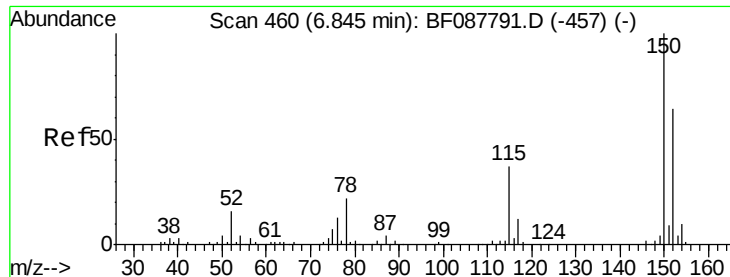
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

Instrument :

BNA_F

ClientSampleId :

PB91325BL

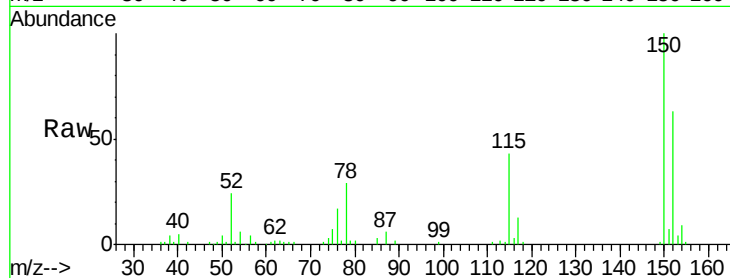
Tot Ion:152 Resp: 79361

Ion Ratio Lower Upper

152 100

150 159.9 123.8 185.6

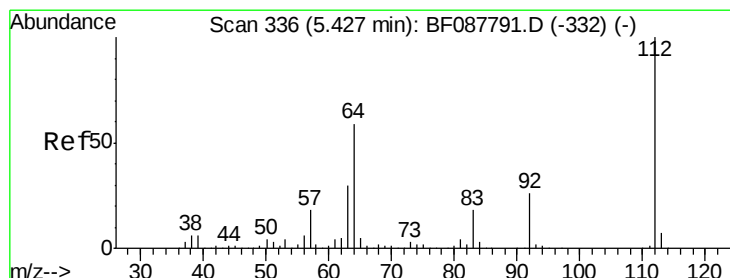
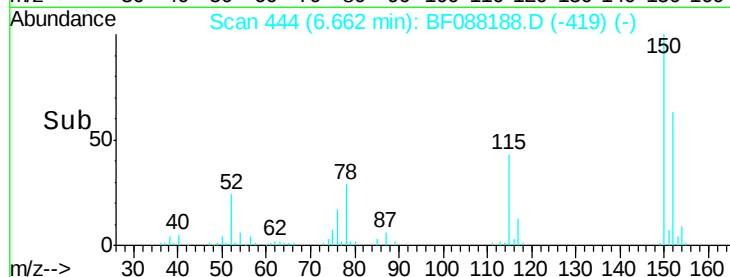
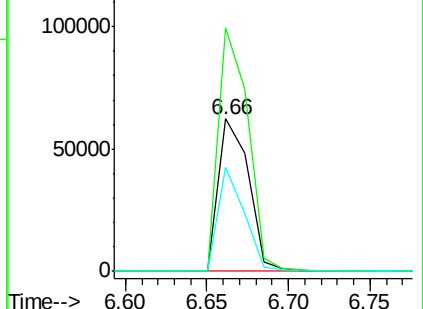
115 68.2 39.6 59.4#



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: 127.97 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

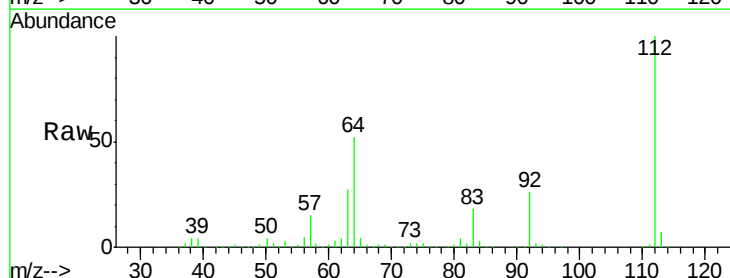
Tgt Ion:112 Resp: 594052

Ion Ratio Lower Upper

112 100

64 52.3 42.2 63.2

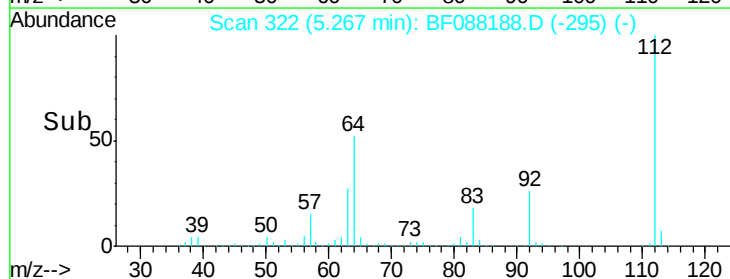
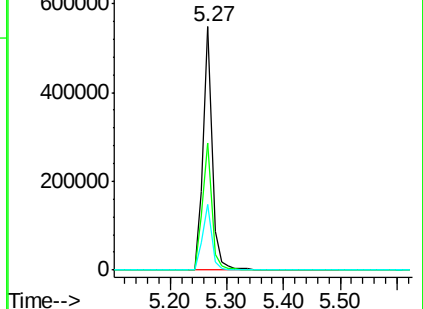
63 26.9 21.8 32.8



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: 116.06 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

Instrument :

BNA_F

ClientSampleId :

PB91325BL

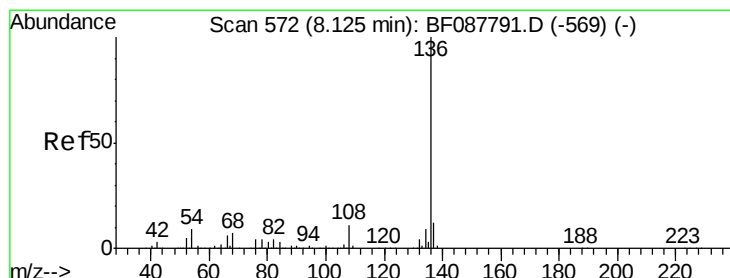
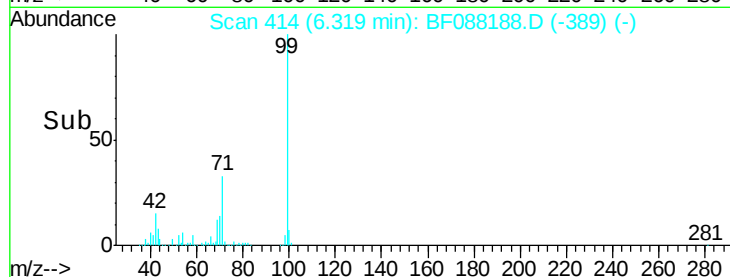
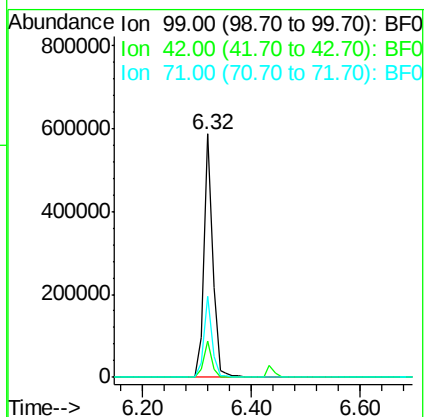
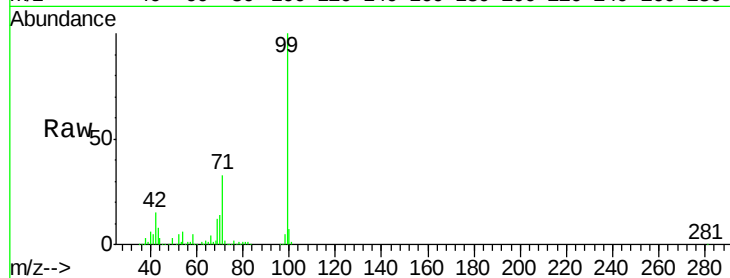
Tot Ion: 99 Resp: 652968

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 33.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088188.D

Acq: 20 Jun 2016 23:19

Tgt Ion: 136 Resp: 326880

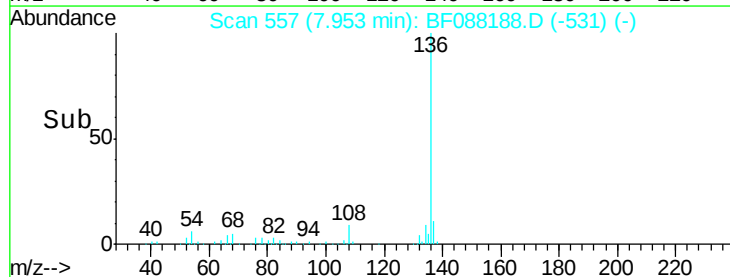
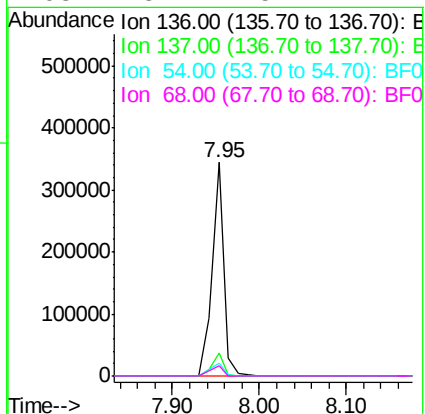
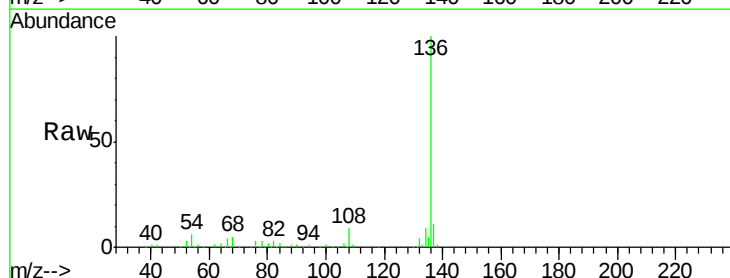
Ion Ratio Lower Upper

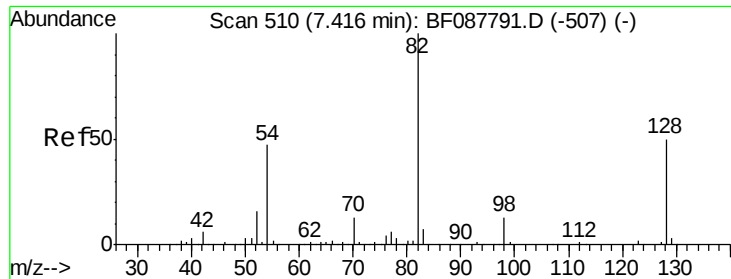
136 100

137 10.6 9.1 13.7

54 5.8 6.6 10.0#

68 5.1 5.1 7.7#

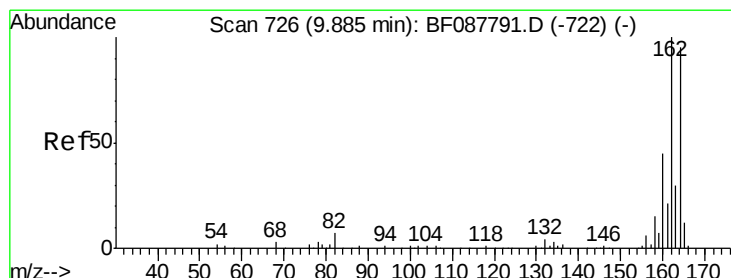
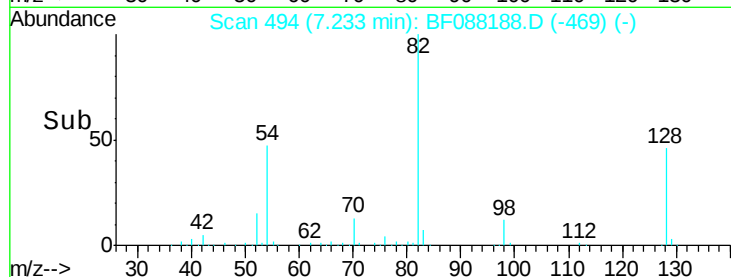
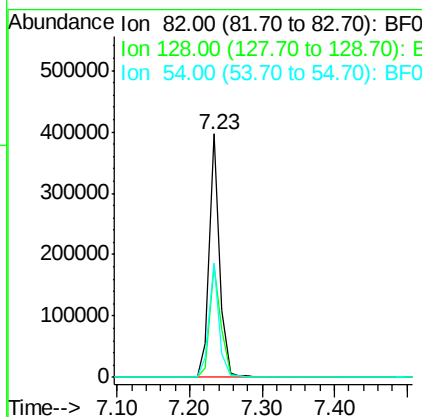
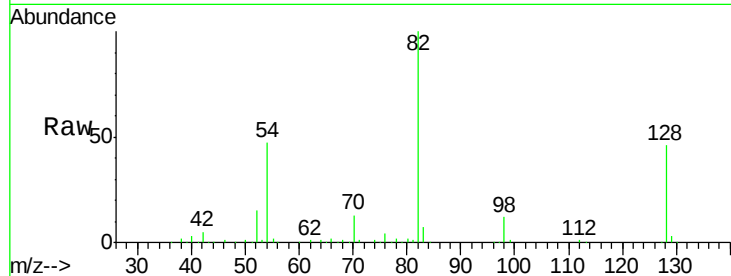




#23
 Nitrobenzene-d5
 Concen: 71.00 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

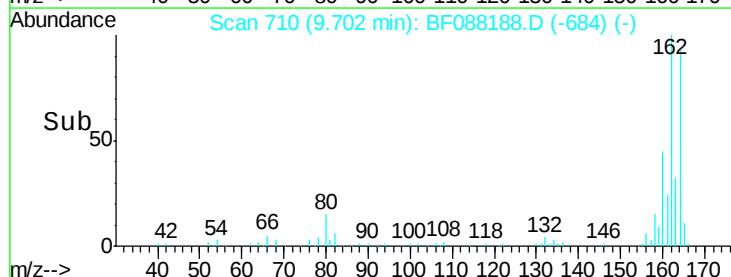
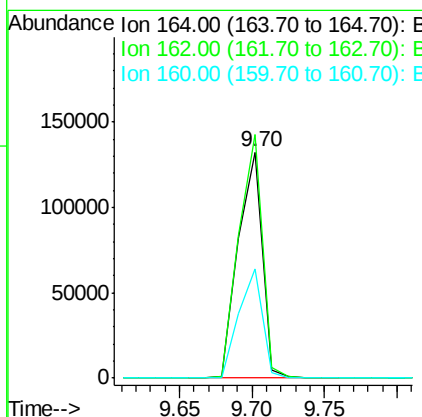
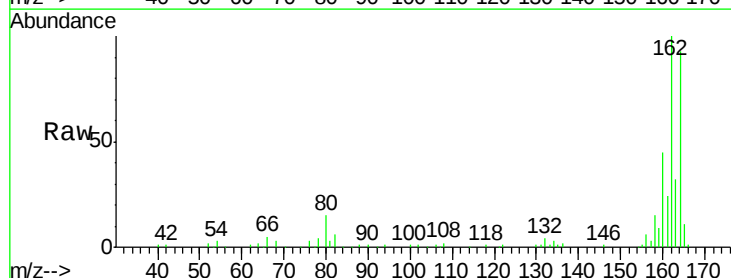
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

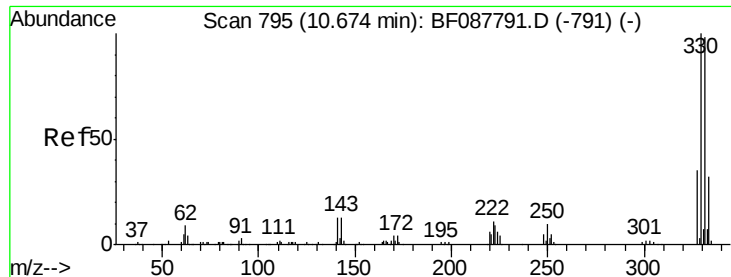
Tot Ion: 82 Resp: 397450
 Ion Ratio Lower Upper
 82 100
 128 46.0 35.9 53.9
 54 46.8 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion:164 Resp: 151695
 Ion Ratio Lower Upper
 164 100
 162 107.6 85.4 128.2
 160 48.2 39.5 59.3

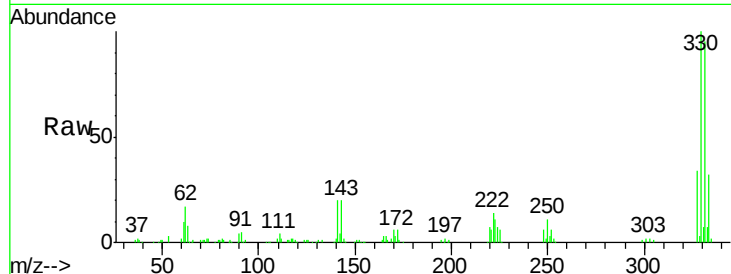




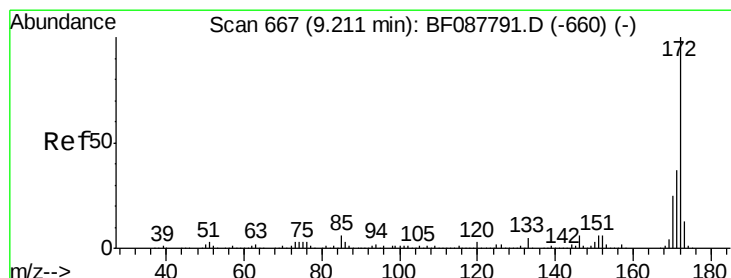
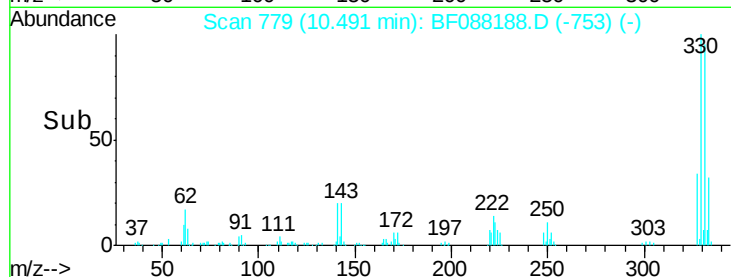
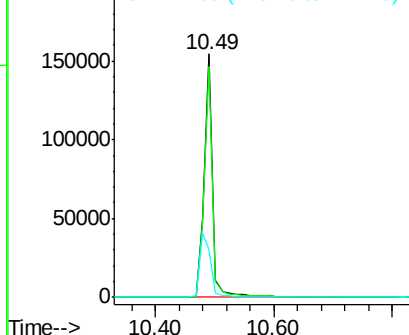
#41
 2,4,6-Tribromophenol
 Concen: 99.09 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	34.1	0.0	0.0#

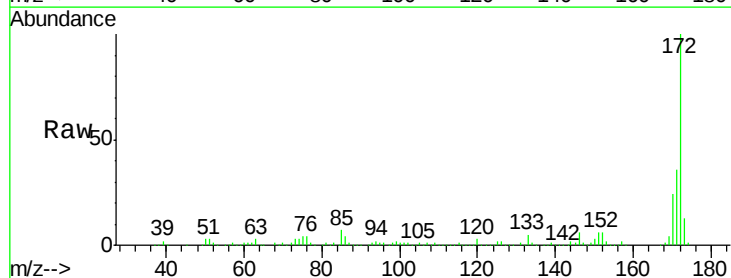


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

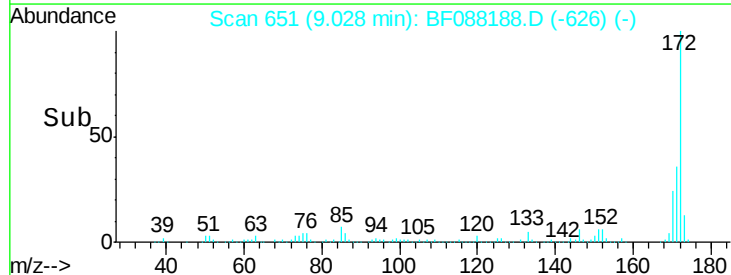
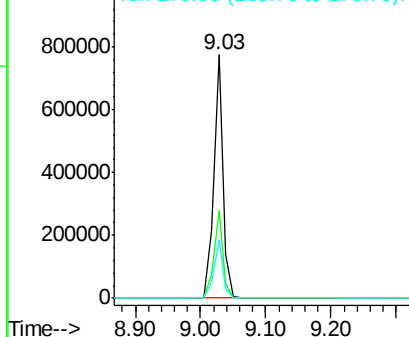


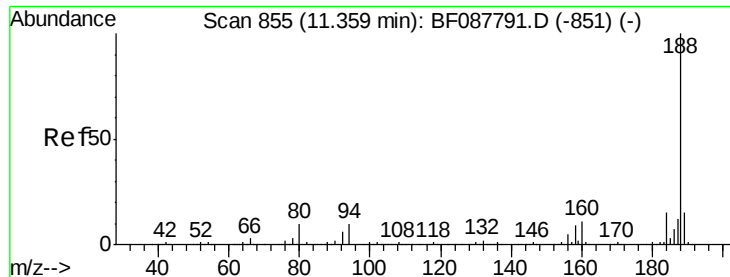
#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	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

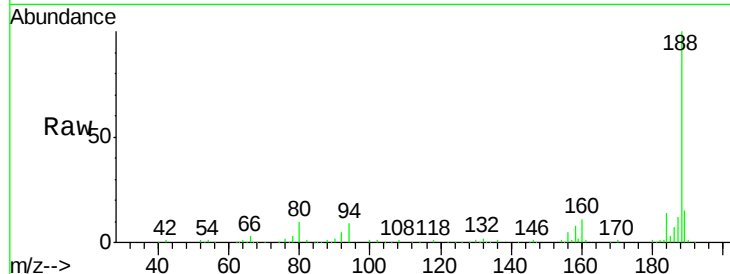




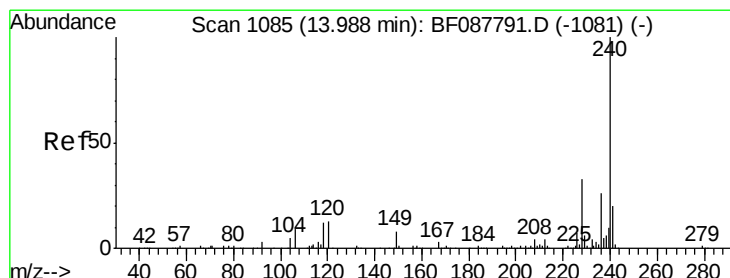
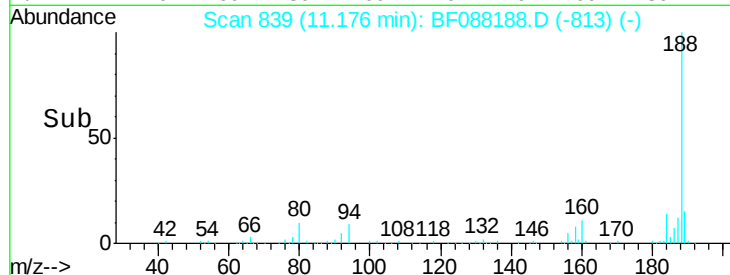
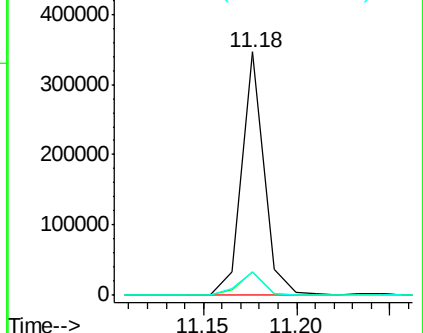
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

Instrument :
BNA_F
ClientSampleId :
PB91325BL

Tot Ion:188 Resp: 289915
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.6
80 9.7 10.0 15.0#

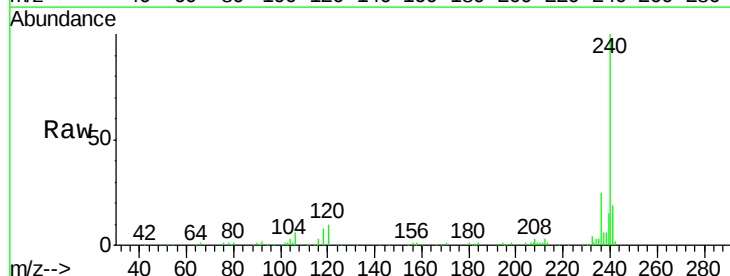


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

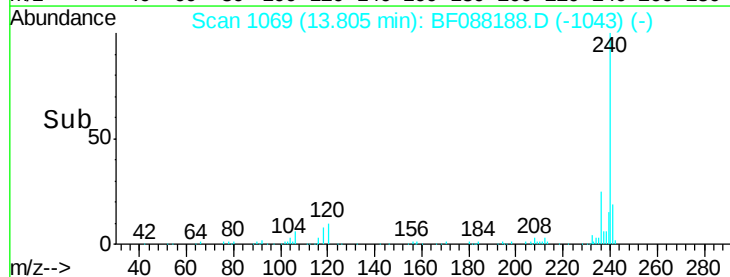
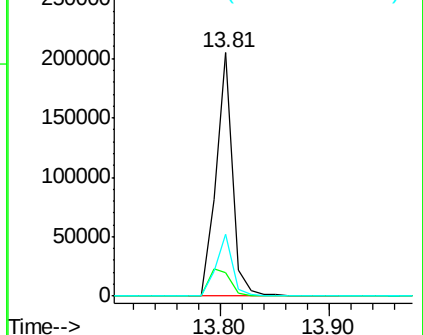


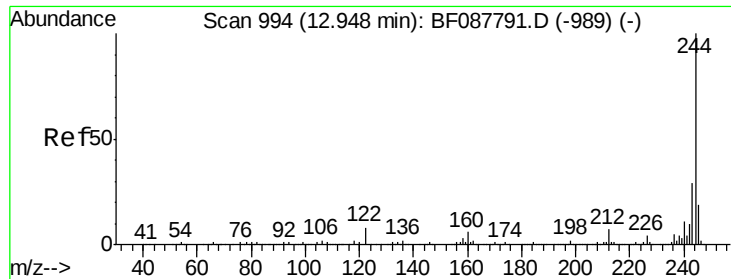
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF088188.D
Acq: 20 Jun 2016 23:19

Tgt Ion:240 Resp: 217451
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 25.4 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

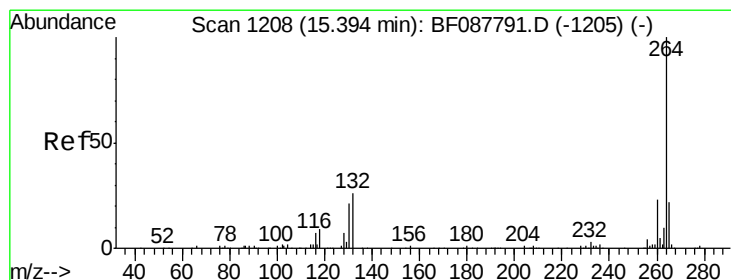
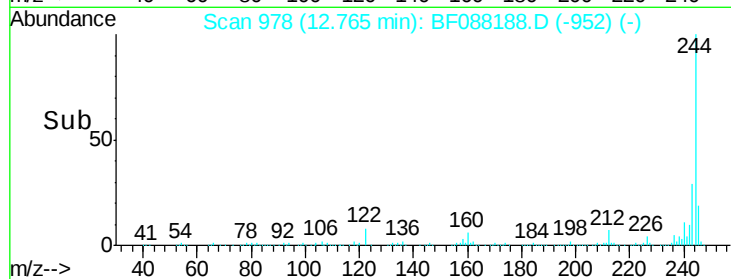
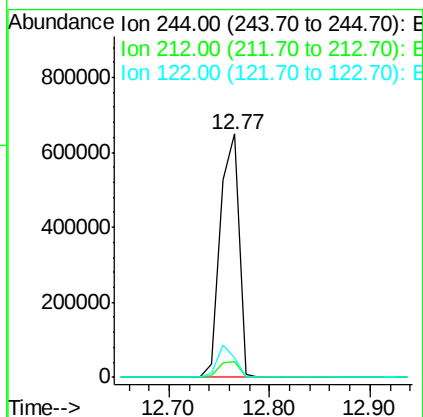
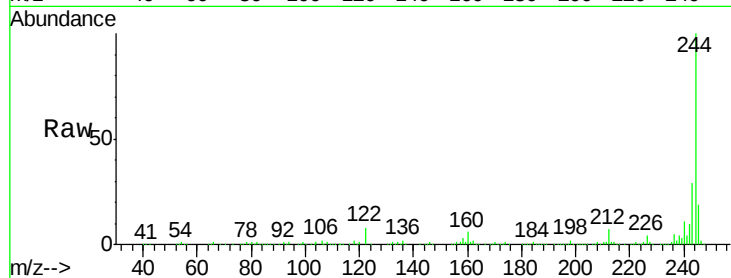




#78
 Terphenyl-d14
 Concen: 87.89 ng
 RT: 12.77 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BL

Tot Ion:244 Resp: 839903
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF088188.D
 Acq: 20 Jun 2016 23:19

Tgt Ion:264 Resp: 173743
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 16.9 25.3

