

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088051.D
 Acq On : 15 Jun 2016 23:33
 Operator : UM/SJ
 Sample : PB91213TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91213TB

Quant Time: Jun 16 04:08:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108560	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	420129	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	190611	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	293818	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	212914	20.00	ng	-0.01
86) Perylene-d12	15.29	264	214324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	737422	116.13	ng	0.02
7) Phenol-d6	6.39	99	840672	109.24	ng	0.00
23) Nitrobenzene-d5	7.31	82	570617	79.31	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	165129	82.05	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	855010	69.45	ng	-0.01
78) Terphenyl-d14	12.85	244	597161	63.82	ng	0.00

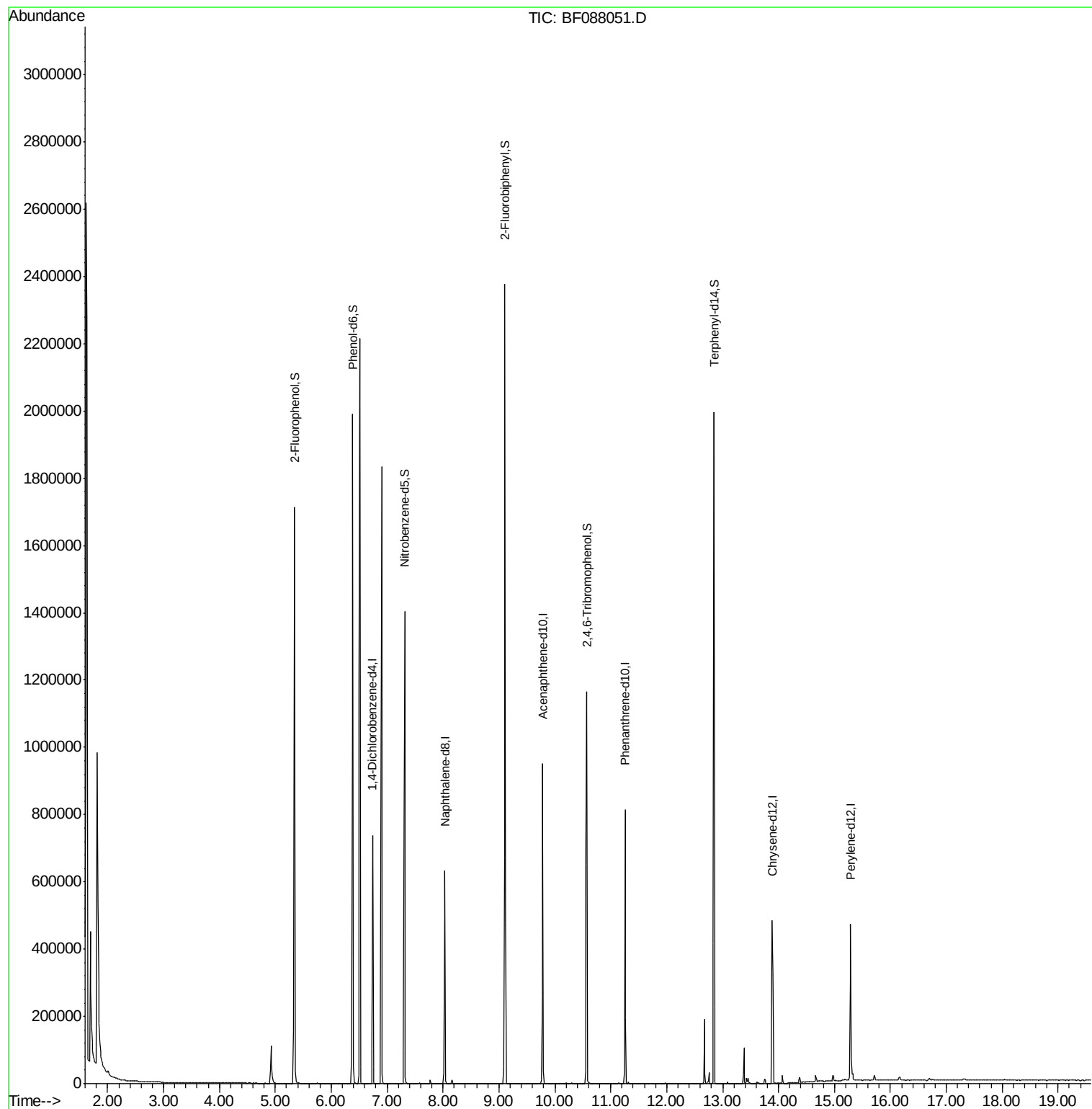
Target Compounds Qvalue

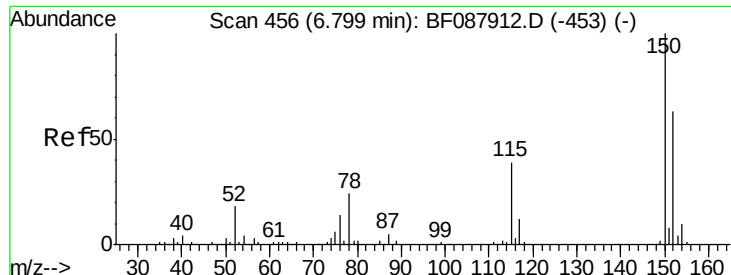
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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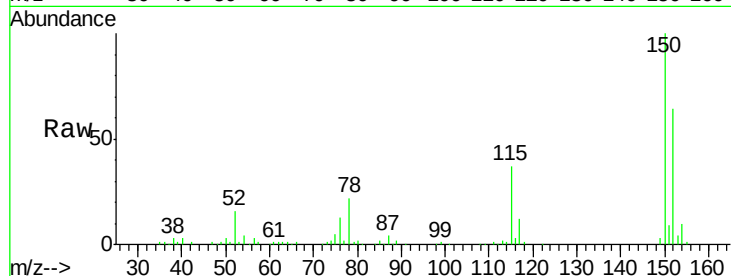


#1

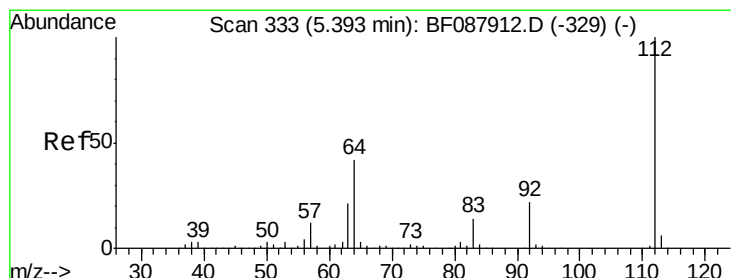
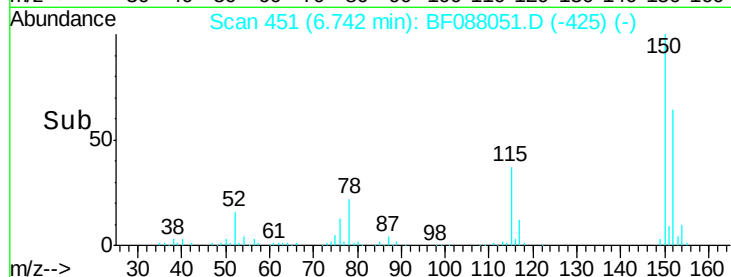
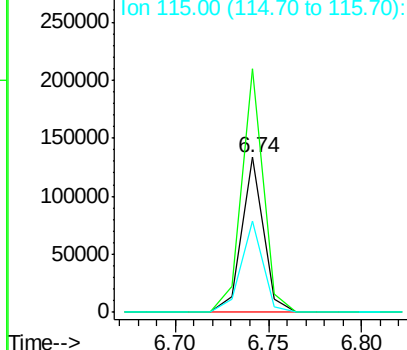
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF088051.D
Acq: 15 Jun 2016 23:33

Instrument :
BNA_F
ClientSampled :
PB91213TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	58.5	39.6	59.4



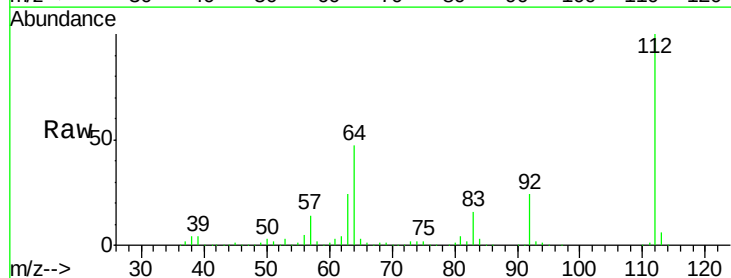
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



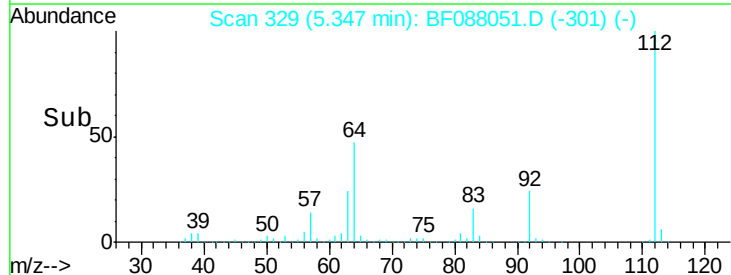
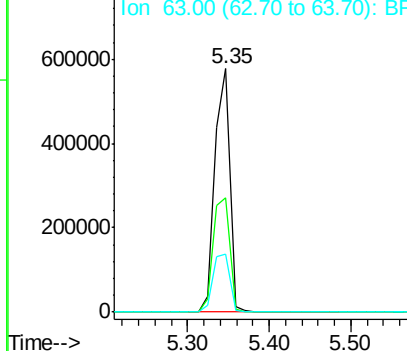
#5

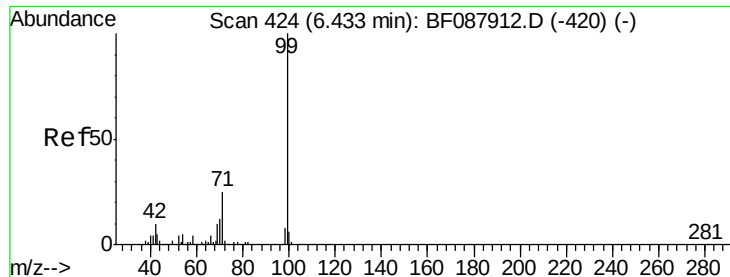
2-Fluorophenol
Concen: 116.13 ng
RT: 5.35 min Scan# 329
Delta R.T. 0.02 min
Lab File: BF088051.D
Acq: 15 Jun 2016 23:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.1	42.2	63.2
63	24.0	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: 109.24 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088051.D

Acq: 15 Jun 2016 23:33

Instrument :

BNA_F

ClientSampleId :

PB91213TB

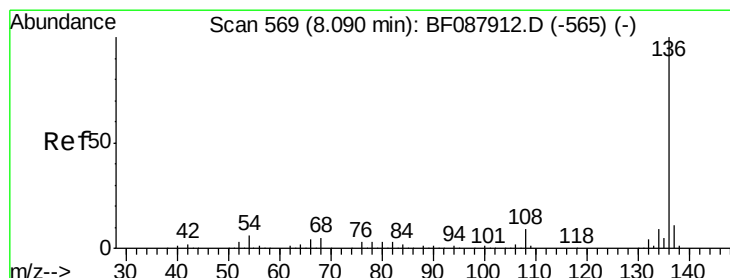
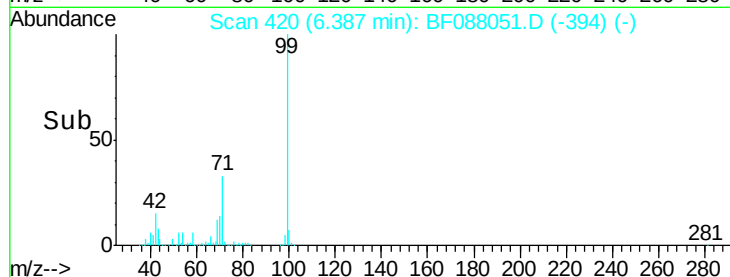
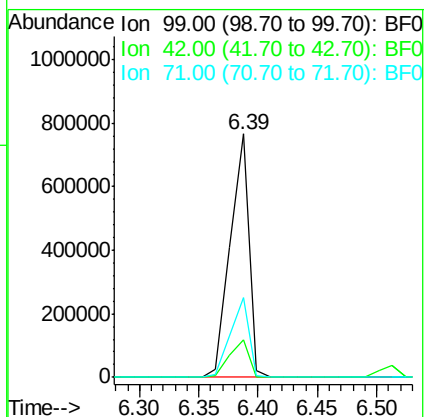
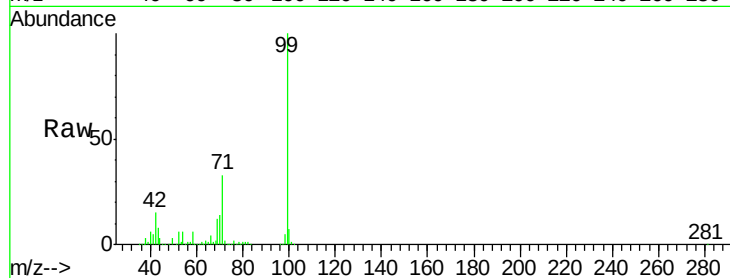
Tot Ion: 99 Resp: 840672

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 32.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088051.D

Acq: 15 Jun 2016 23:33

Tgt Ion: 136 Resp: 420129

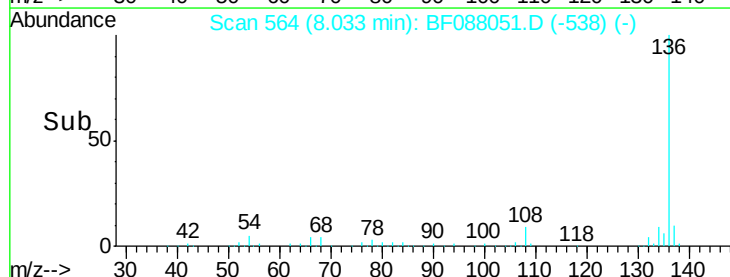
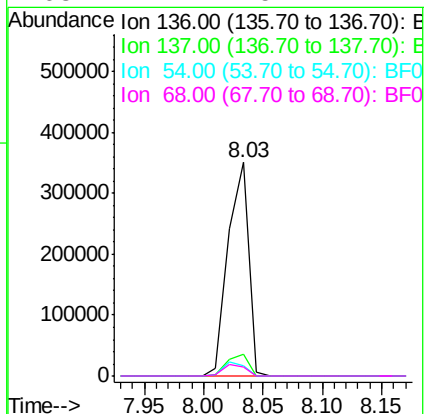
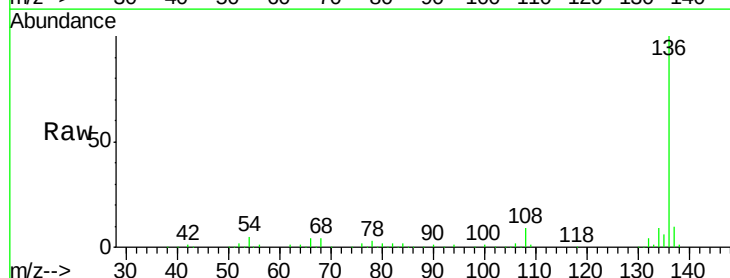
Ion Ratio Lower Upper

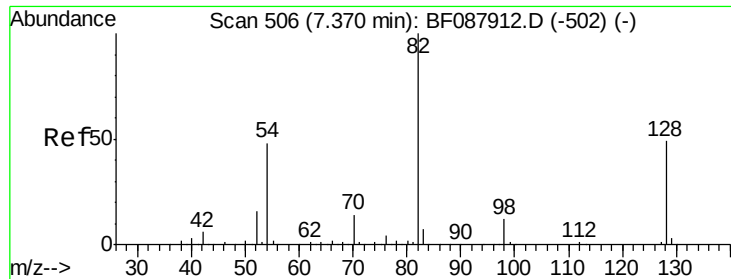
136 100

137 10.5 9.1 13.7

54 5.0 6.6 10.0#

68 4.4 5.1 7.7#

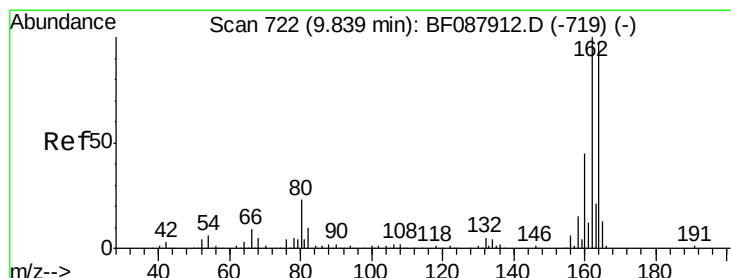
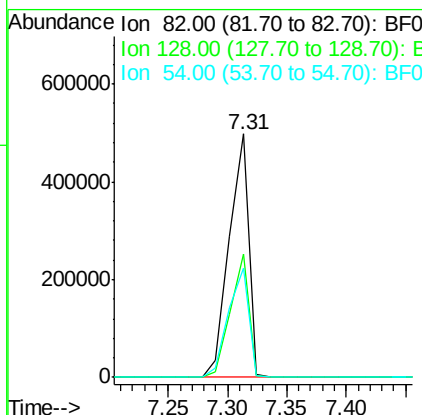
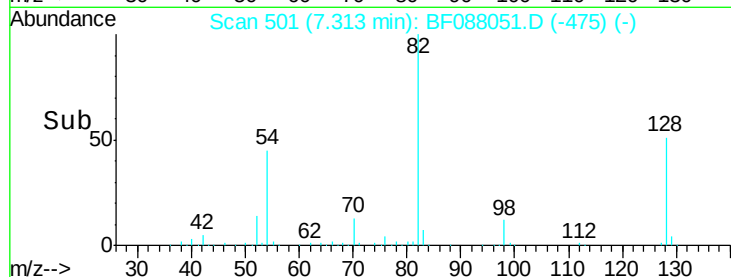
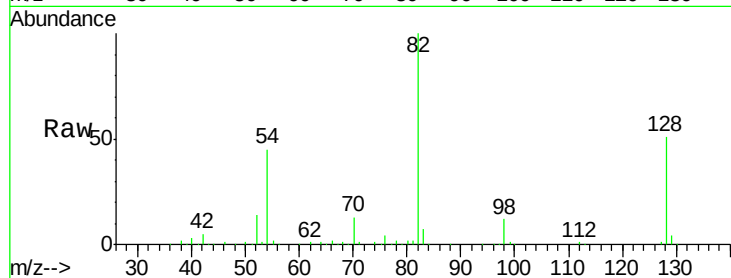




#23
Nitrobenzene-d5
Concen: 79.31 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF088051.D
Acq: 15 Jun 2016 23:33

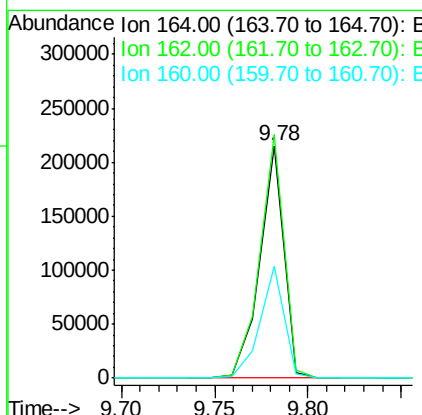
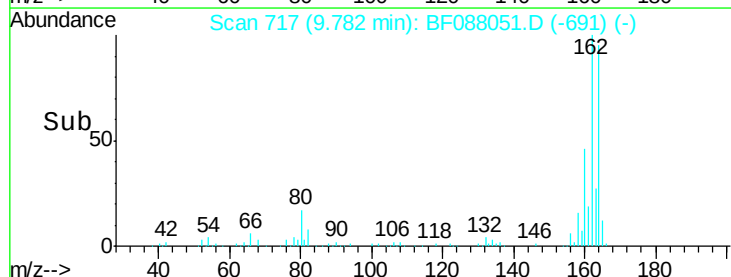
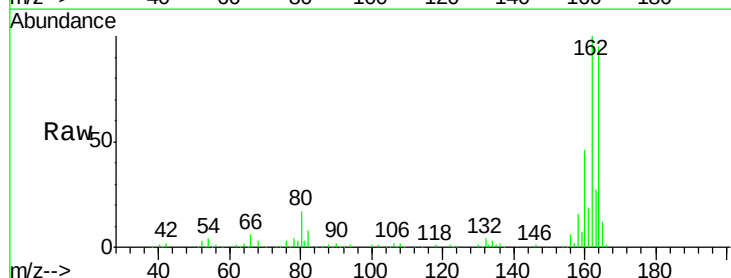
Instrument :
BNA_F
ClientSampleId :
PB91213TB

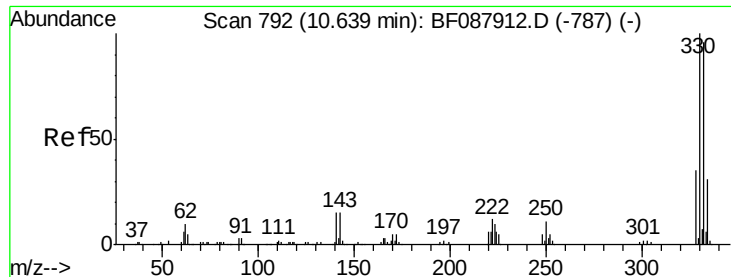
Tot Ion: 82 Resp: 570617
Ion Ratio Lower Upper
82 100
128 50.5 35.9 53.9
54 44.6 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088051.D
Acq: 15 Jun 2016 23:33

Tgt Ion:164 Resp: 190611
Ion Ratio Lower Upper
164 100
162 104.8 85.4 128.2
160 48.2 39.5 59.3

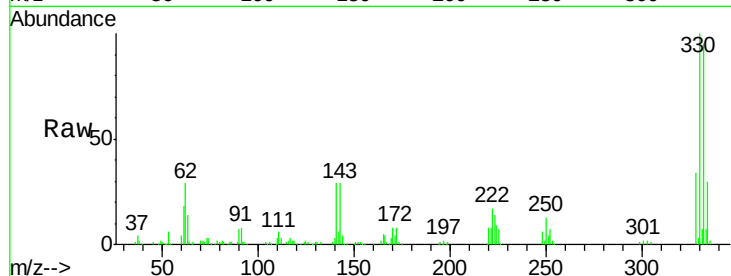




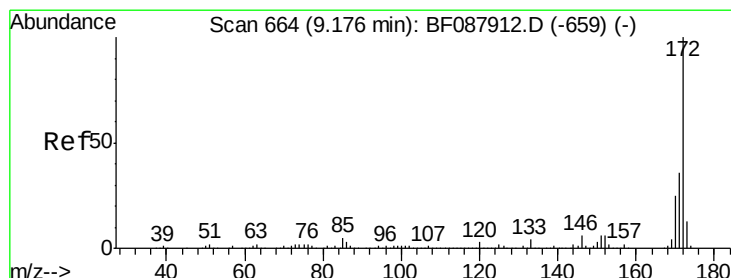
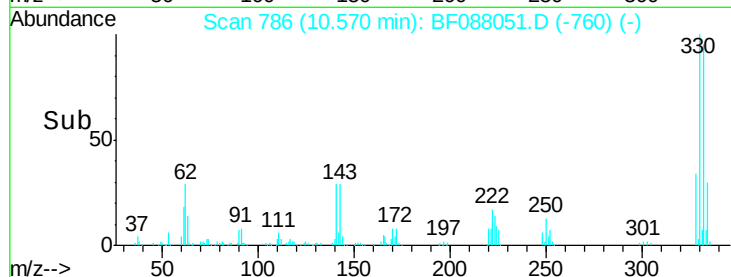
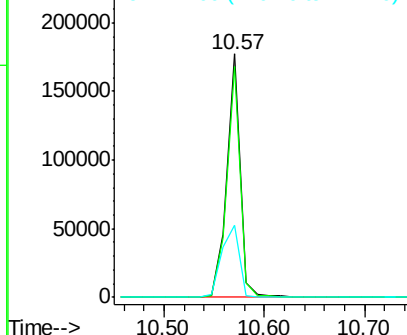
#41
 2,4,6-Tribromophenol
 Concen: 82.05 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088051.D
 Acq: 15 Jun 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91213TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	38.9	0.0	0.0#

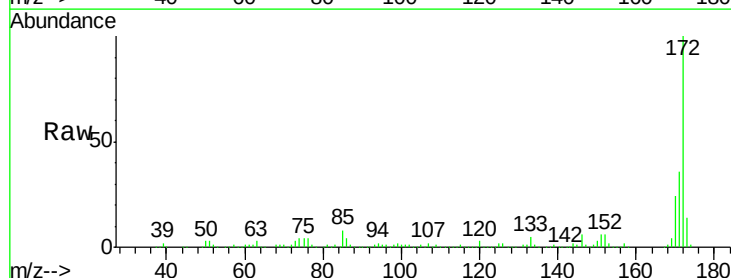


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

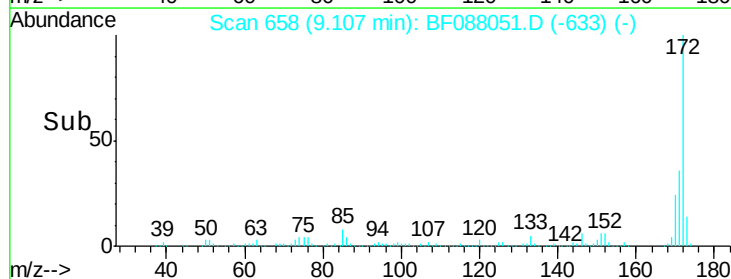
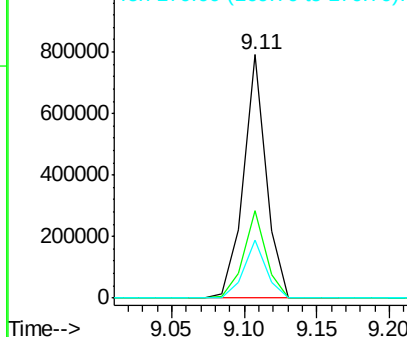


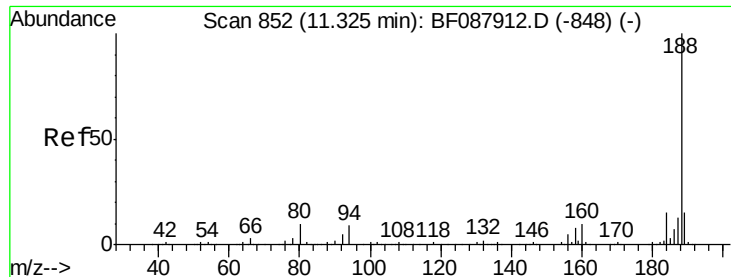
#44
 2-Fluorobiphenyl
 Concen: 69.45 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088051.D
 Acq: 15 Jun 2016 23:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	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

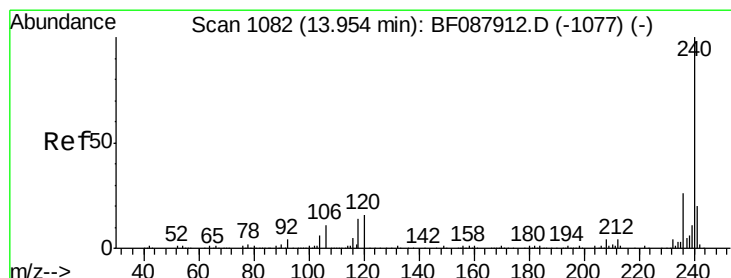
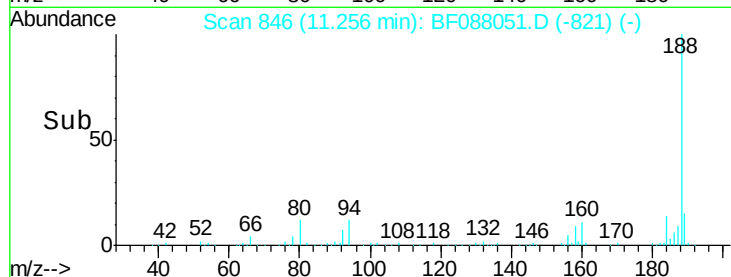
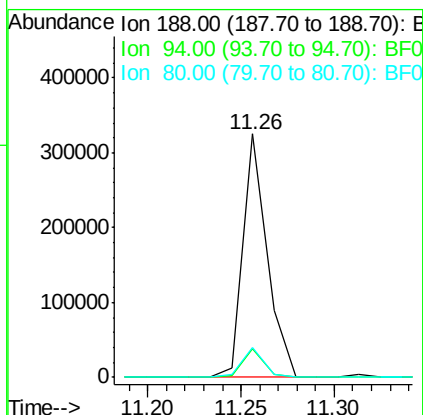
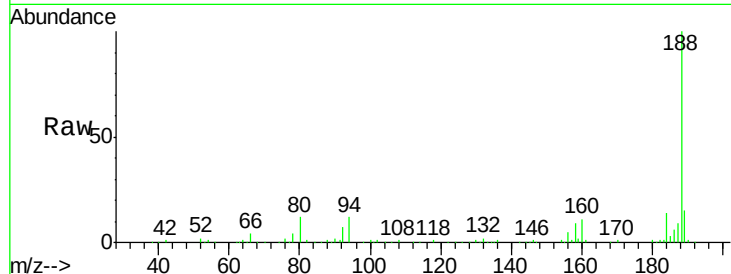




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF088051.D
Acq: 15 Jun 2016 23:33

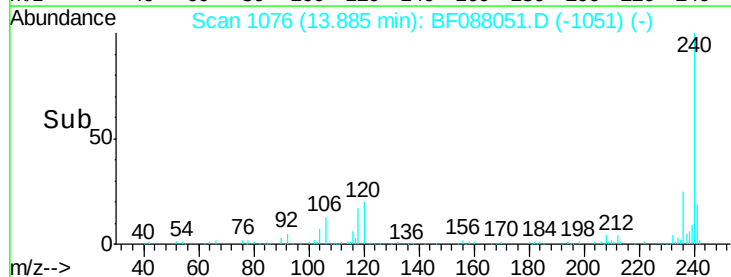
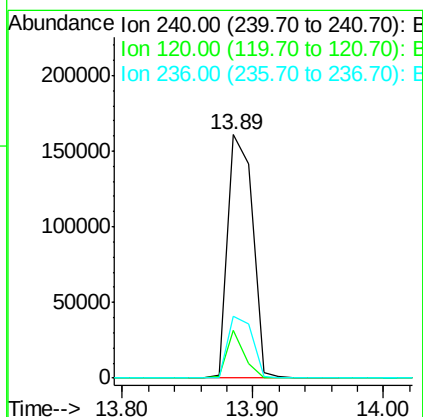
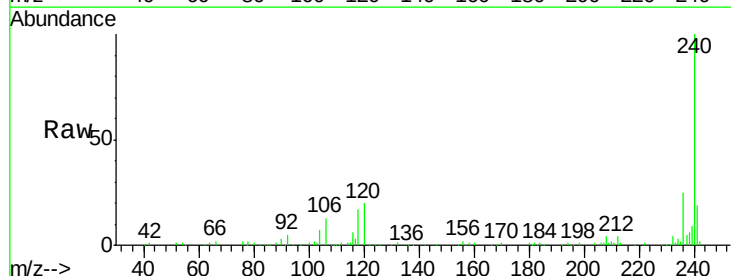
Instrument :
BNA_F
ClientSampleId :
PB91213TB

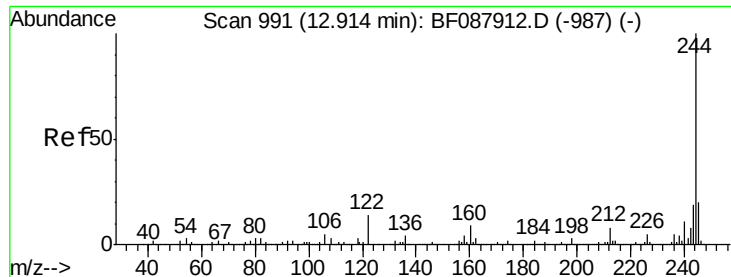
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.0	13.6
80	12.5	10.0	15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088051.D
Acq: 15 Jun 2016 23:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.6	6.8	10.2#
236	25.3	20.2	30.2

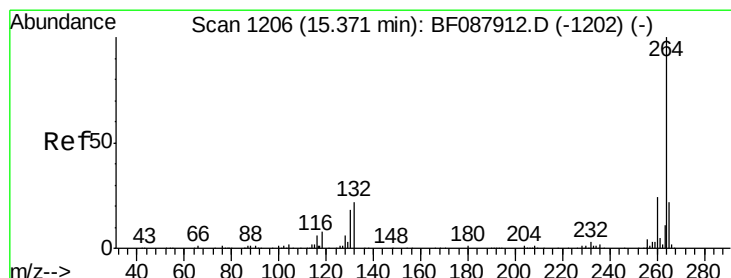
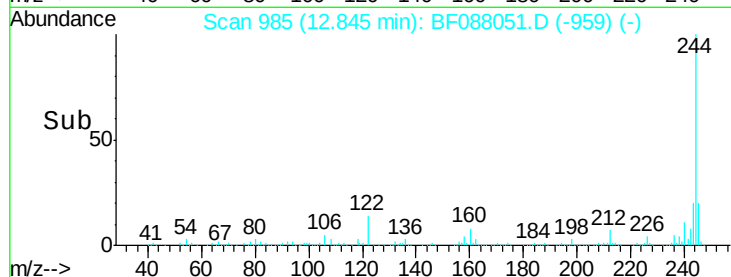
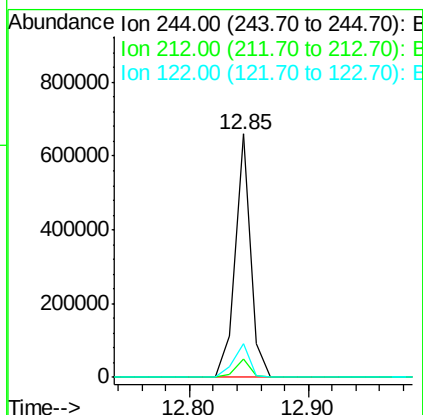
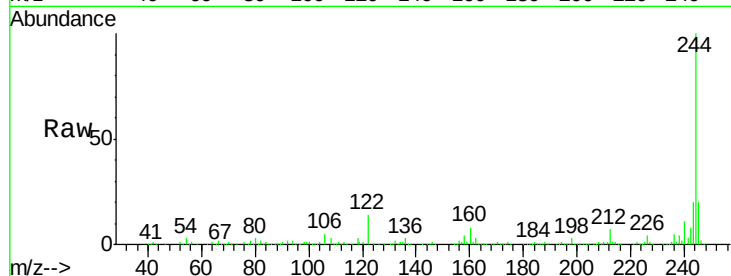




#78
 Terphenyl-d14
 Concen: 63.82 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF088051.D
 Acq: 15 Jun 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91213TB

Tot Ion:244 Resp: 597161
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF088051.D
 Acq: 15 Jun 2016 23:33

Tgt Ion:264 Resp: 214324
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.8 16.9 25.3

