

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087951.D
 Acq On : 12 Jun 2016 16:36
 Operator : UM/SJ
 Sample : H3490-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: Jun 13 05:33:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110547	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	453445	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	218602	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	411292	20.00	ng	0.00
75) Chrysene-d12	13.95	240	317288	20.00	ng	-0.01
86) Perylene-d12	15.37	264	244020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	440714	68.15	ng	0.01
7) Phenol-d6	6.43	99	363338	46.36	ng	-0.01
23) Nitrobenzene-d5	7.37	82	695355	89.55	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	243710	105.58	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1119839	80.16	ng	-0.01
78) Terphenyl-d14	12.91	244	1037848	74.43	ng	0.00

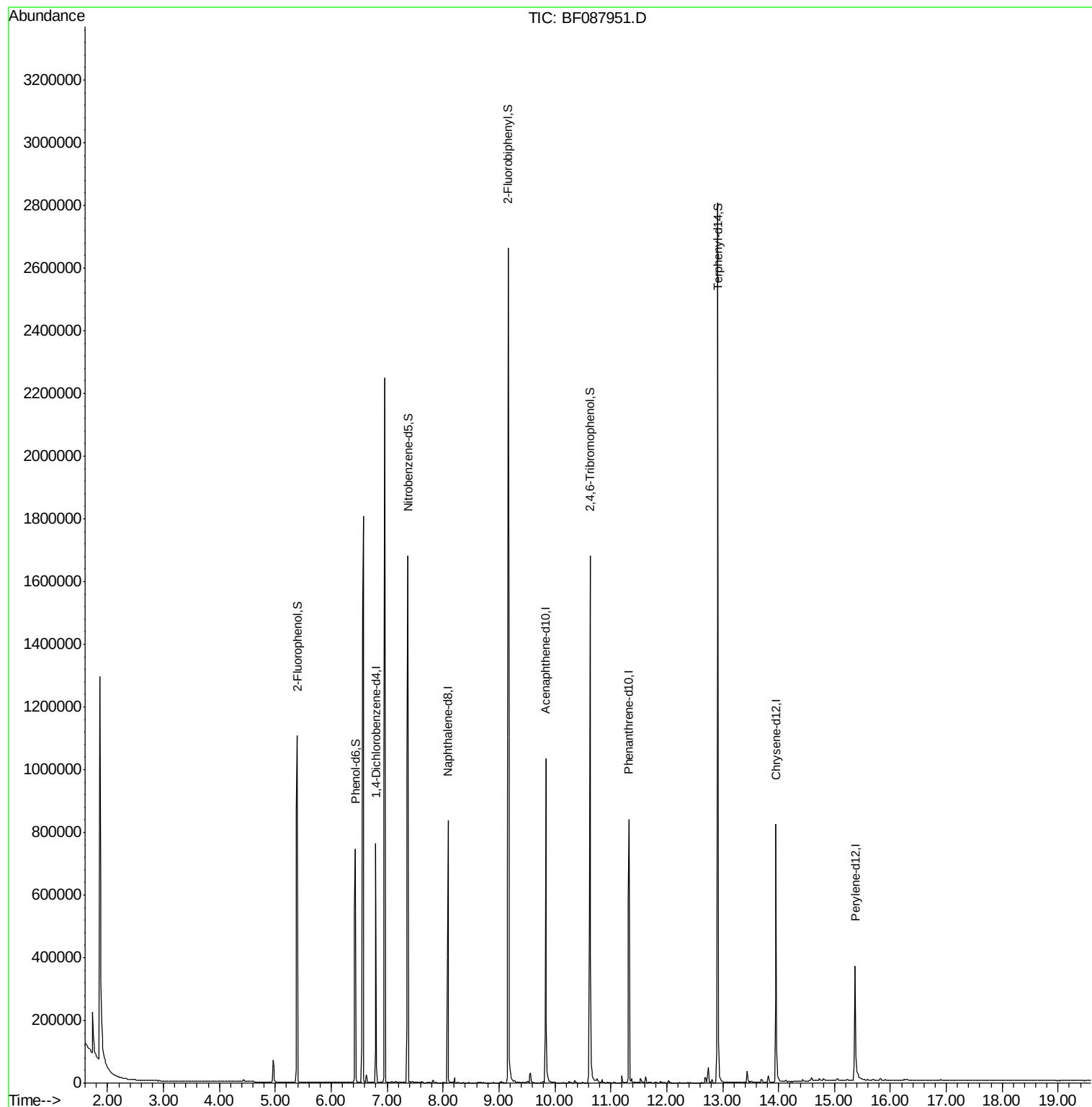
Target Compounds Qvalue

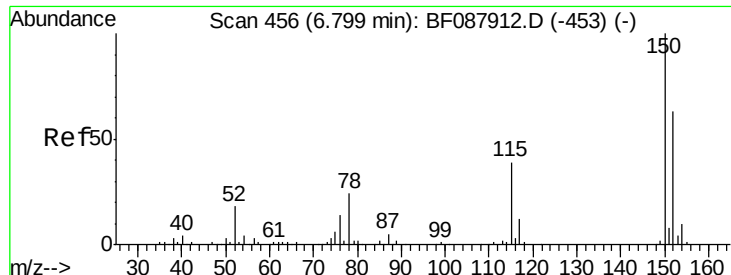
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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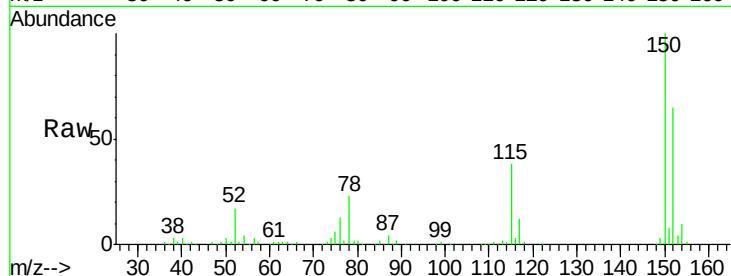


#1

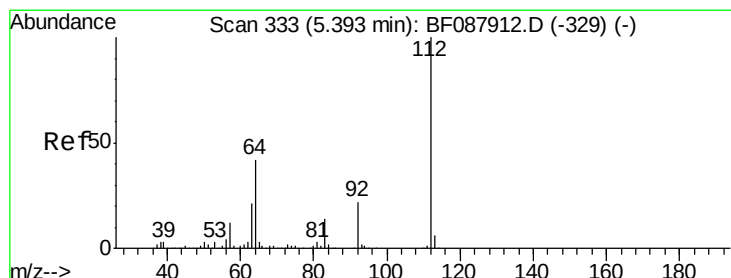
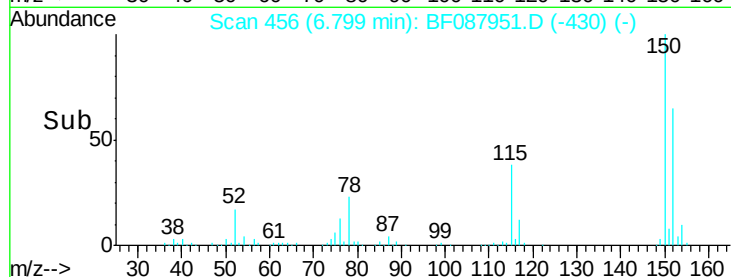
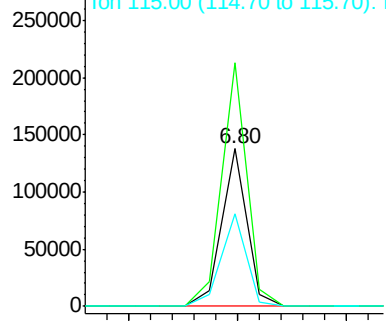
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tot Ion:152 Resp: 110547
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.6
115 58.5 39.6 59.4



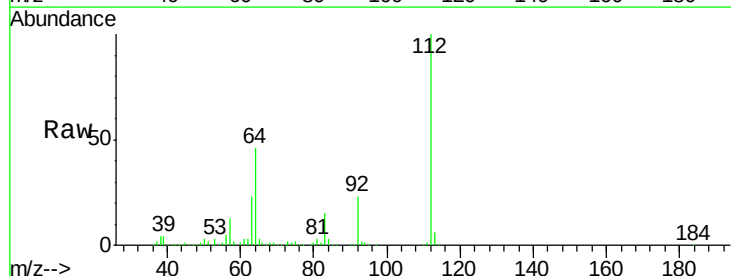
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



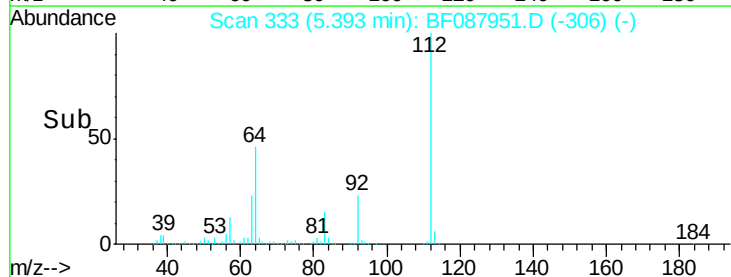
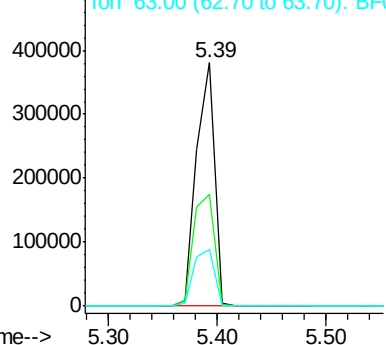
#5

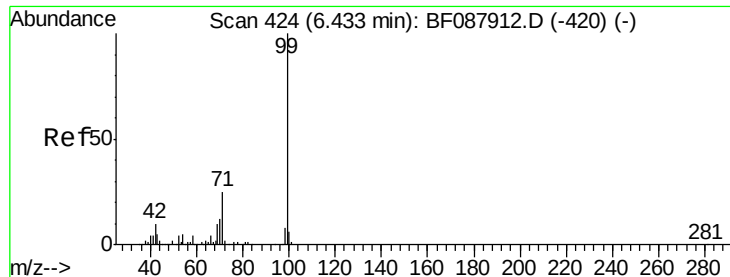
2-Fluorophenol
Concen: 68.15 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:112 Resp: 440714
Ion Ratio Lower Upper
112 100
64 45.9 42.2 63.2
63 23.1 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: 46.36 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087951.D

Acq: 12 Jun 2016 16:36

Instrument :

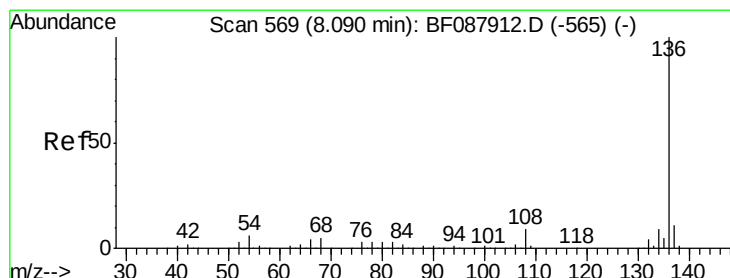
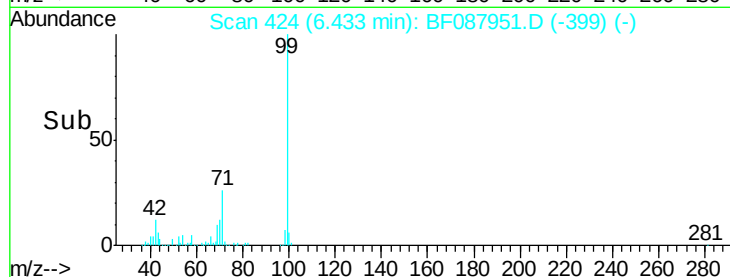
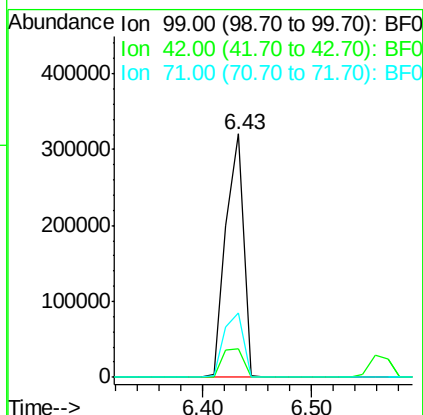
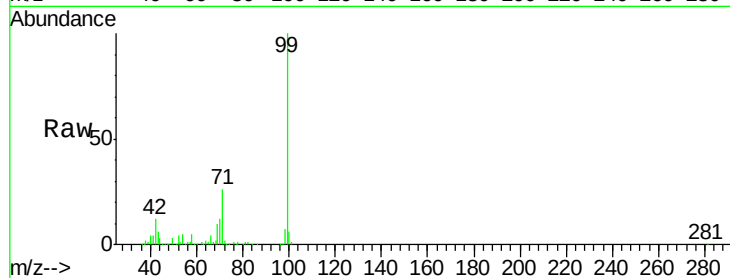
BNA_F

ClientSampleId :

W-37

Tot Ion: 99 Resp: 363338

Ion	Ratio	Lower	Upper
99	100		
42	11.6	12.2	18.2#
71	26.4	23.4	35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

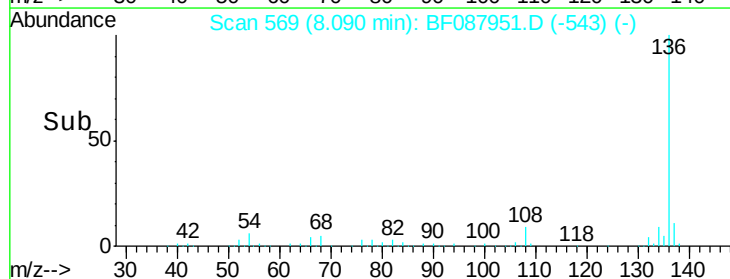
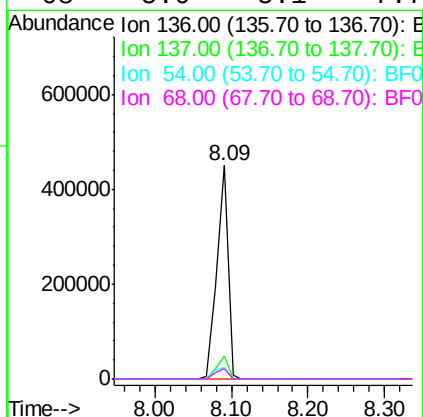
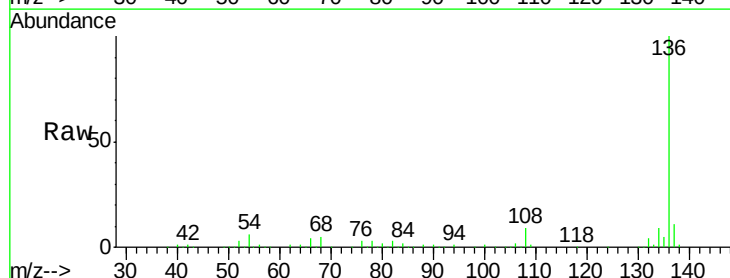
Delta R.T. -0.00 min

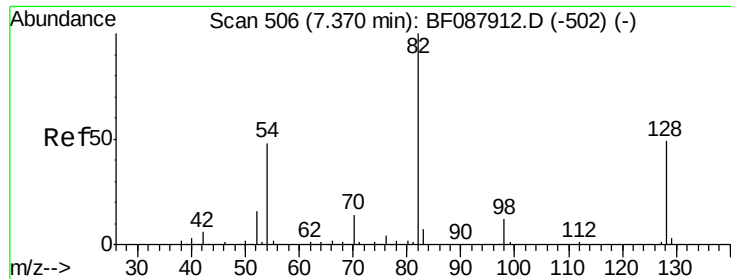
Lab File: BF087951.D

Acq: 12 Jun 2016 16:36

Tgt Ion: 136 Resp: 453445

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	6.6	10.0#
68	5.0	5.1	7.7#

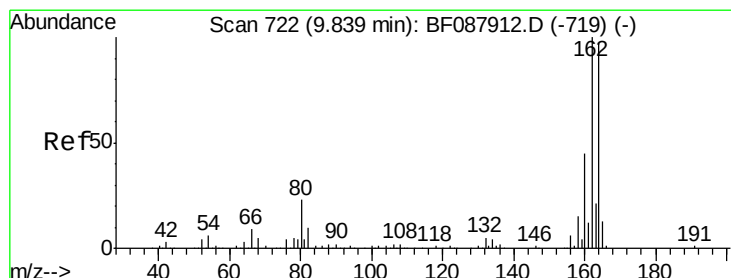
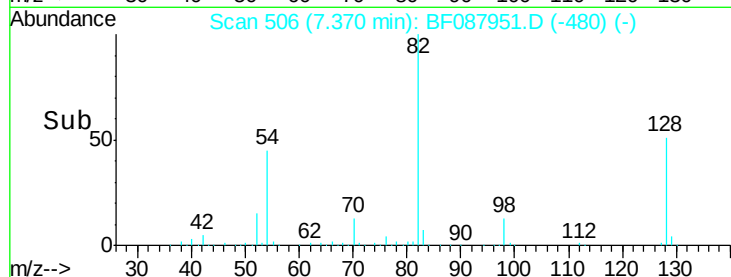
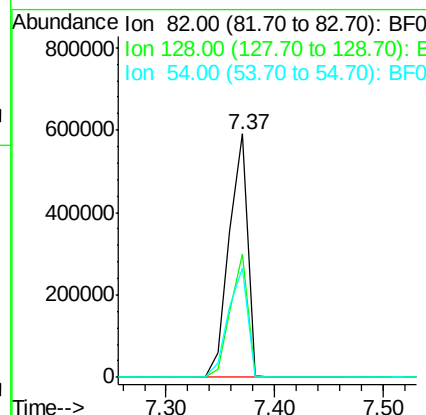
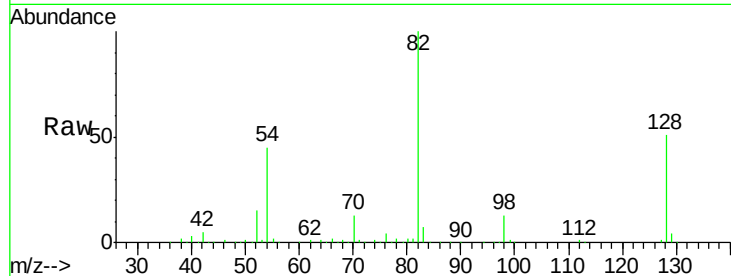




#23
Nitrobenzene-d5
Concen: 89.55 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

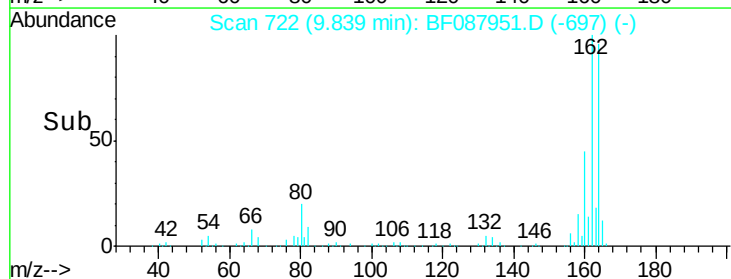
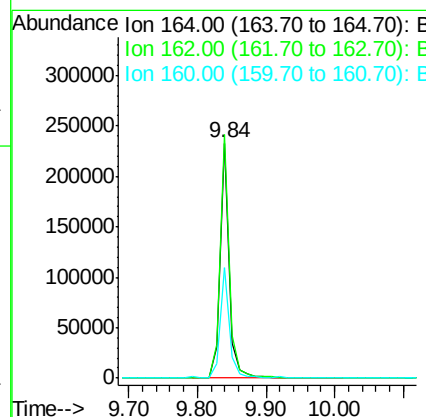
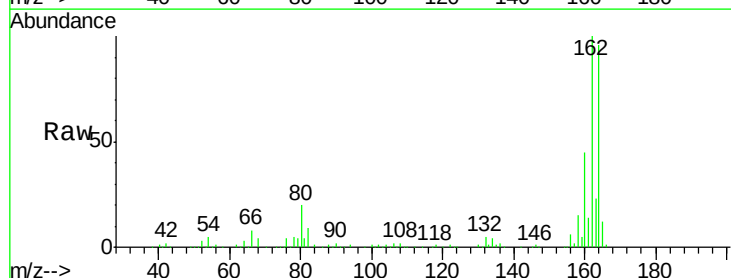
Instrument :
BNA_F
ClientSampled :
W-37

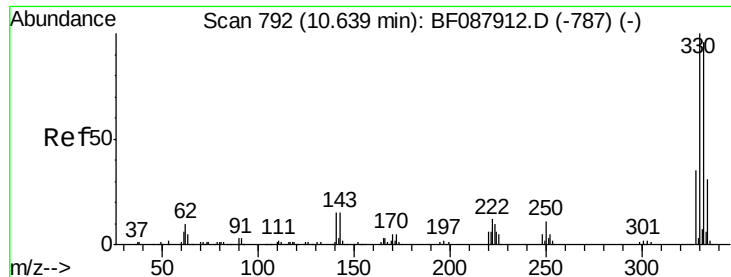
Tot Ion	82	Resp	695355
Ion Ratio	100	Lower	Upper
128	50.8	35.9	53.9
54	44.9	40.9	61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion	164	Resp	218602
Ion Ratio	100	Lower	Upper
162	103.7	85.4	128.2
160	46.9	39.5	59.3

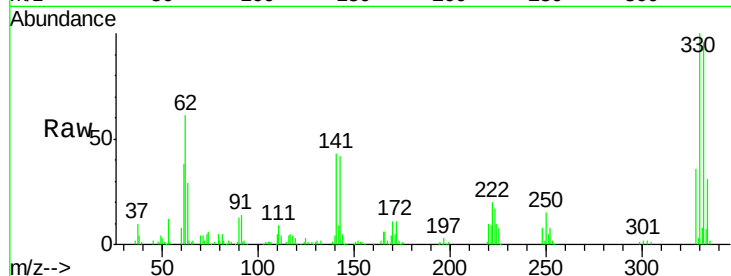




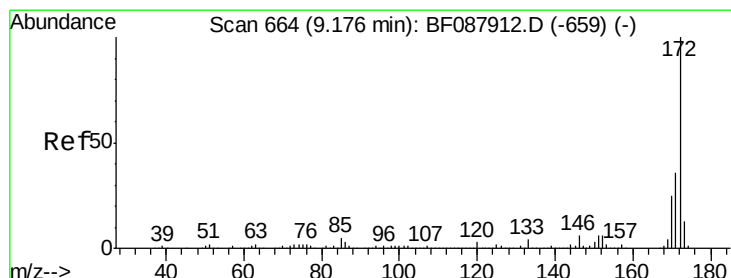
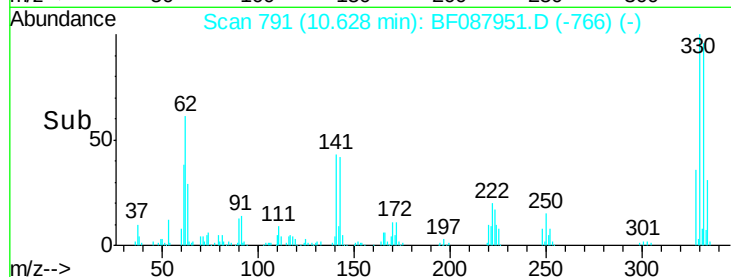
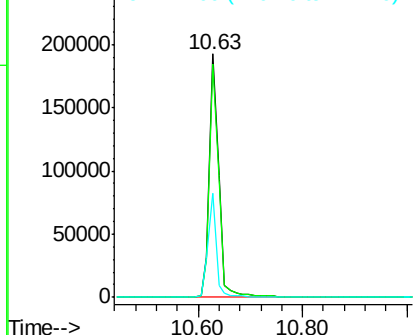
#41
 2,4,6-Tribromophenol
 Concen: 105.58 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087951.D
 Acq: 12 Jun 2016 16:36

Instrument :
 BNA_F
 ClientSampled :
 W-37

Tot Ion:330 Resp: 243710
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 38.1 0.0 0.0#

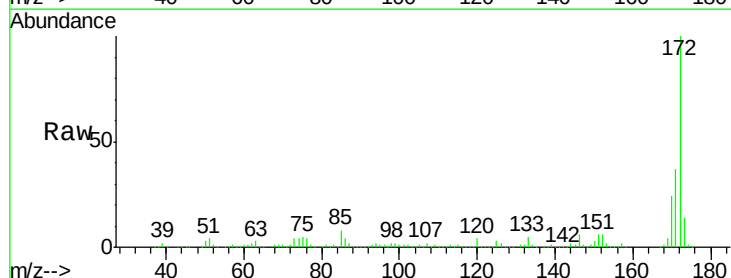


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

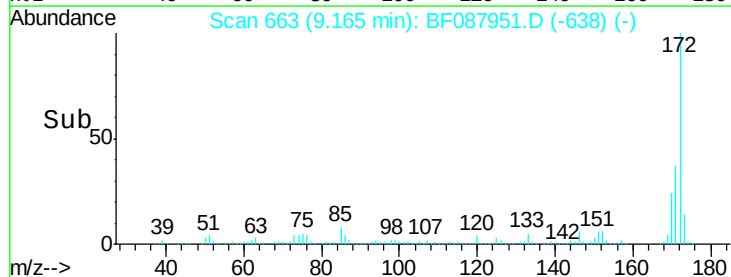
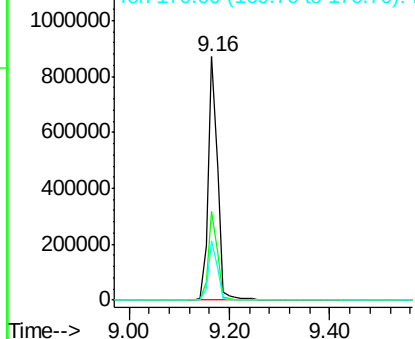


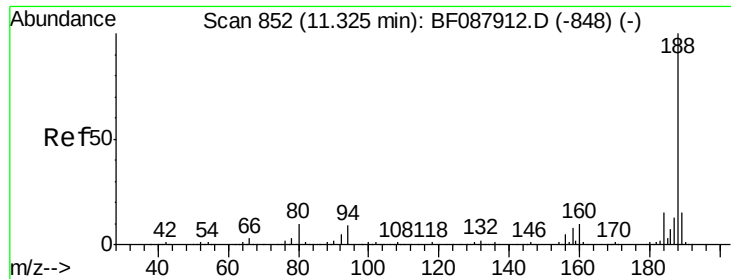
#44
 2-Fluorobiphenyl
 Concen: 80.16 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087951.D
 Acq: 12 Jun 2016 16:36

Tgt Ion:172 Resp: 1119839
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.4 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

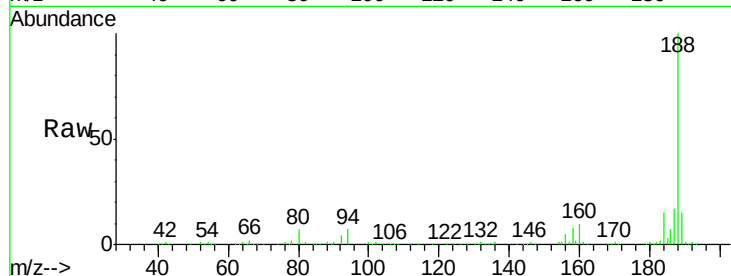




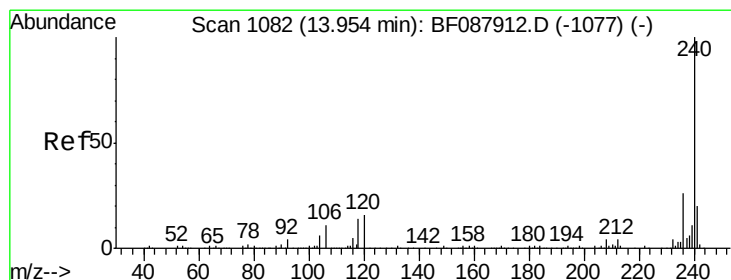
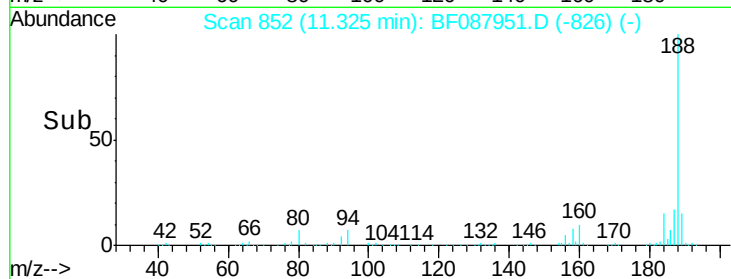
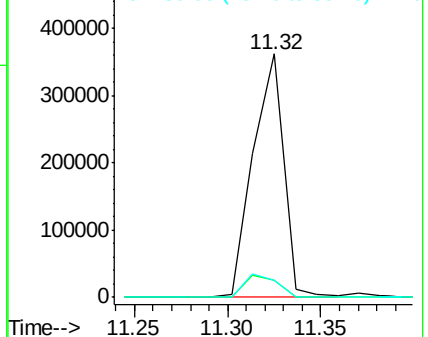
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tot Ion:188 Resp: 411292
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.6#
80 7.0 10.0 15.0#

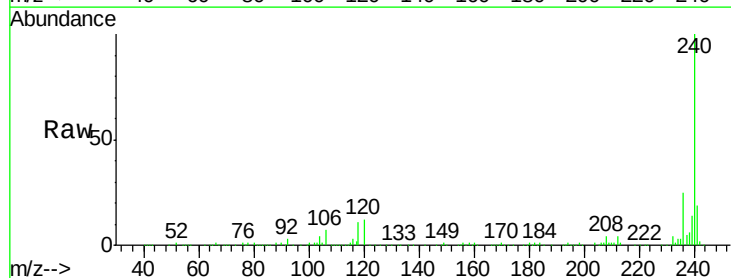


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

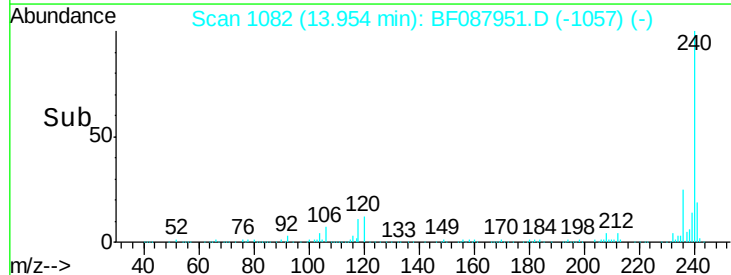
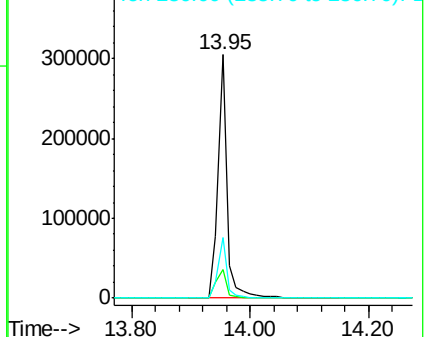


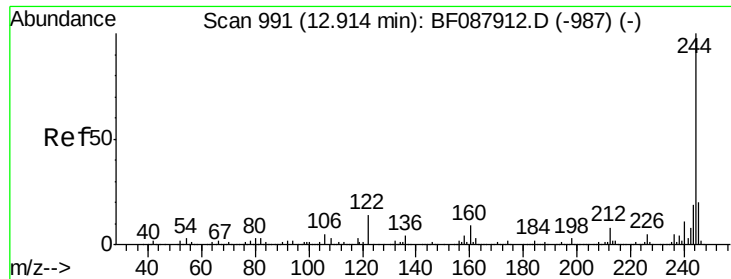
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:240 Resp: 317288
Ion Ratio Lower Upper
240 100
120 11.7 6.8 10.2#
236 25.1 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



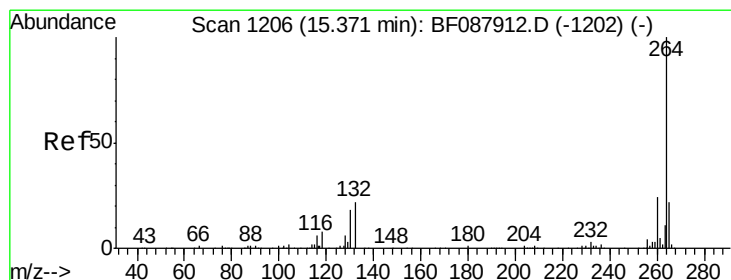
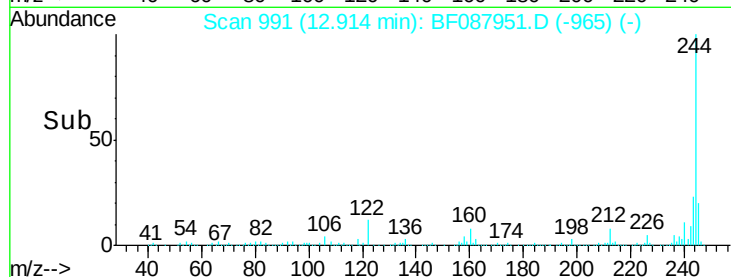
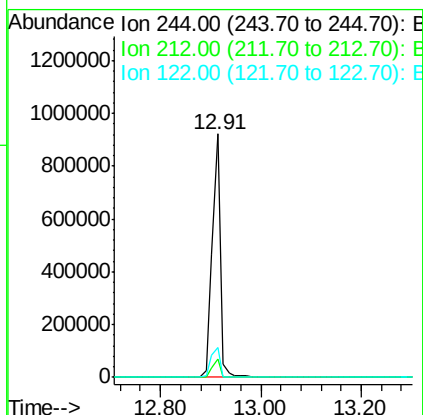
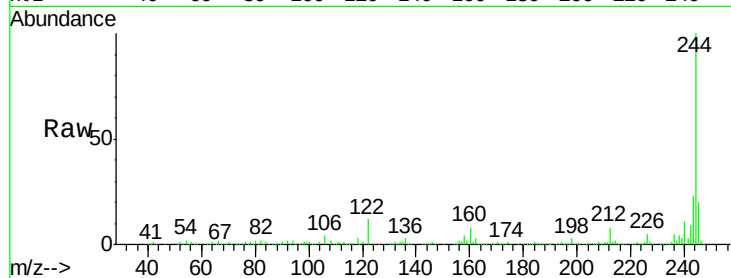


#78
 Terphenyl-d14
 Concen: 74.43 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087951.D
 Acq: 12 Jun 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tot Ion:244 Resp: 1037848

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.3	11.2	16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF087951.D
 Acq: 12 Jun 2016 16:36

Tgt Ion:264 Resp: 244020

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	16.9	25.3

