

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087984.D
 Acq On : 13 Jun 2016 15:35
 Operator : UM/SJ
 Sample : H3449-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22-VE-PILE-WALL(0-2)

Quant Time: Jun 13 17:27:43 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 14:10:49 2016
 Response via : Initial Calibration

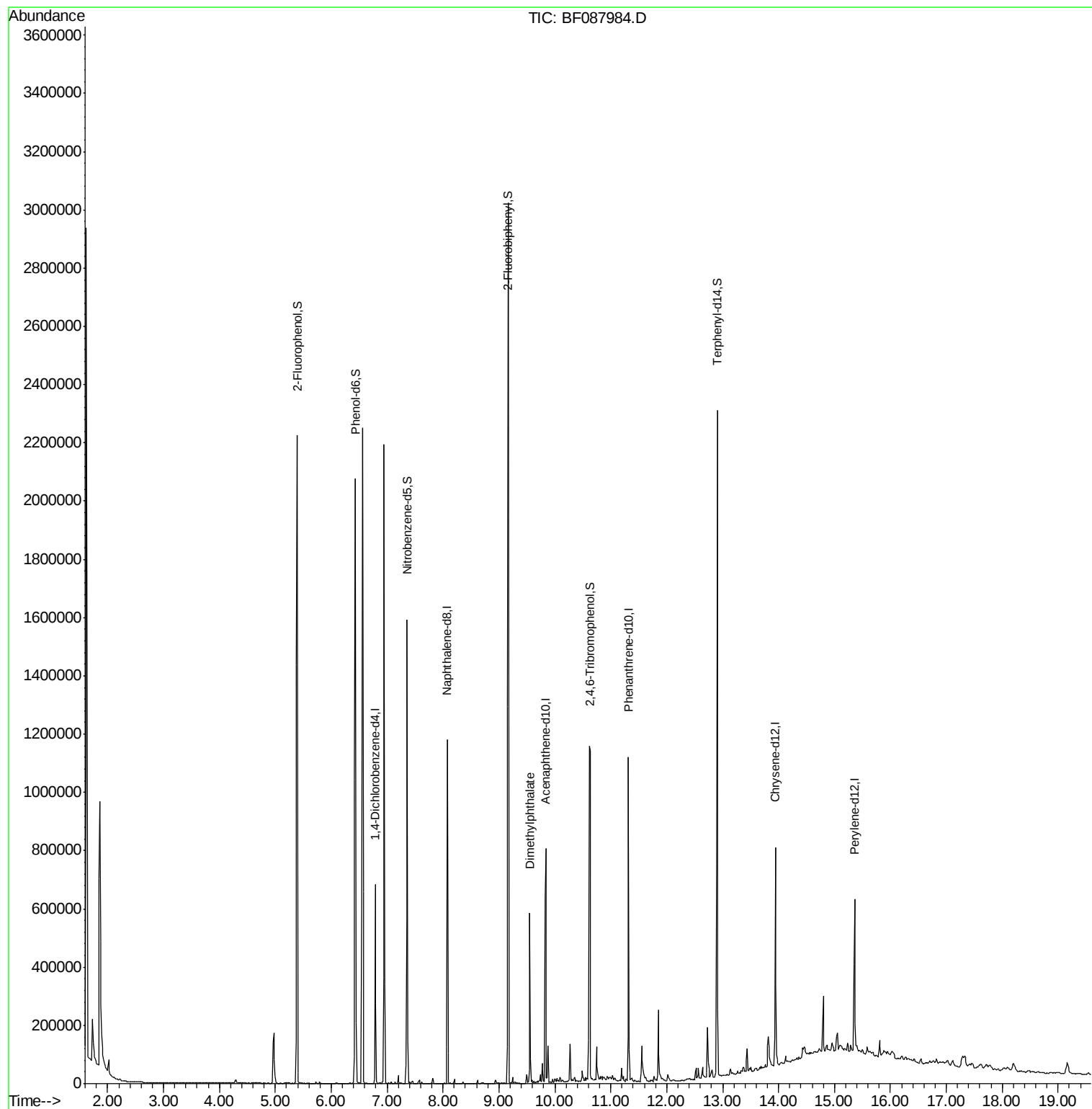
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115889	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	490203	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	215831	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	372498	20.00	ng	0.00
75) Chrysene-d12	13.94	240	253200	20.00	ng	-0.01
86) Perylene-d12	15.36	264	236420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	805083	118.76	ng	0.01
7) Phenol-d6	6.43	99	900515	109.61	ng	0.00
23) Nitrobenzene-d5	7.36	82	563703	67.15	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	224030	98.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1034692	74.63	ng	0.00
78) Terphenyl-d14	12.90	244	718572	64.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	220536	14.11	ng	Qvalue 100

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

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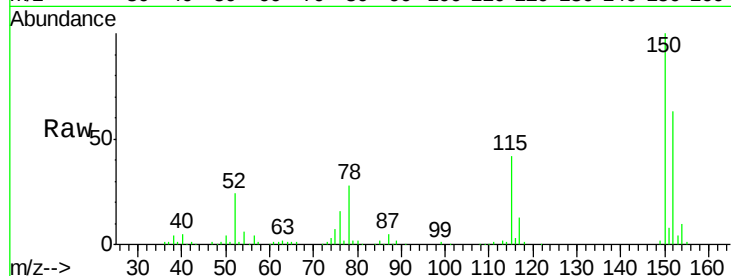


#1

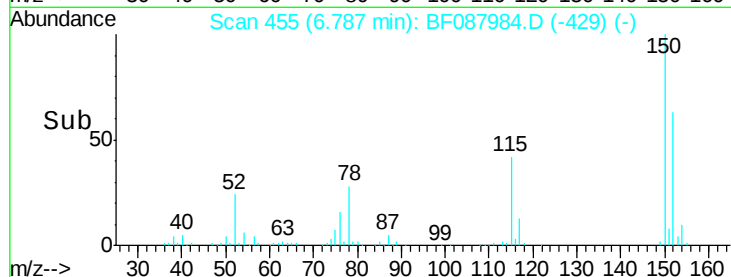
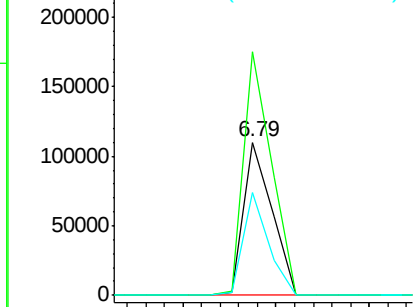
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Instrument :
BNA_F
ClientSampleId :
22-VE-PILE-WALL(0-2)

Tot Ion:152 Resp: 115889
Ion Ratio Lower Upper
152 100
150 158.8 123.8 185.6
115 67.3 39.6 59.4#



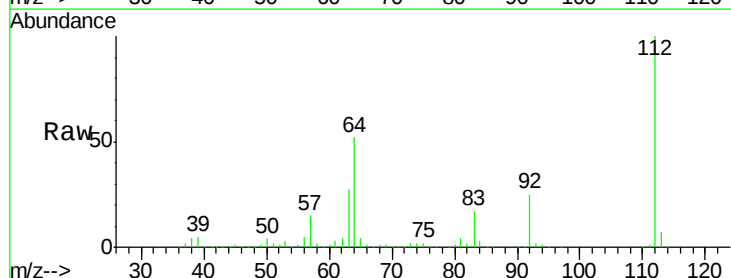
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



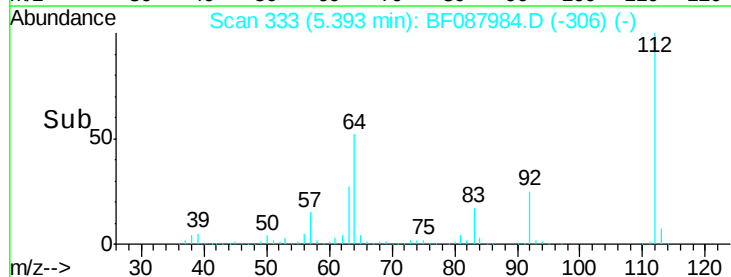
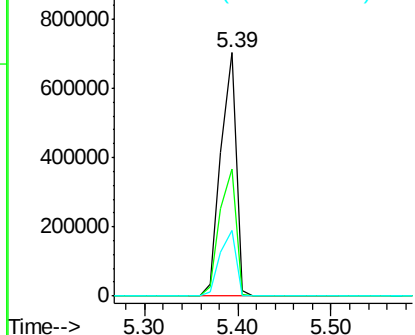
#5

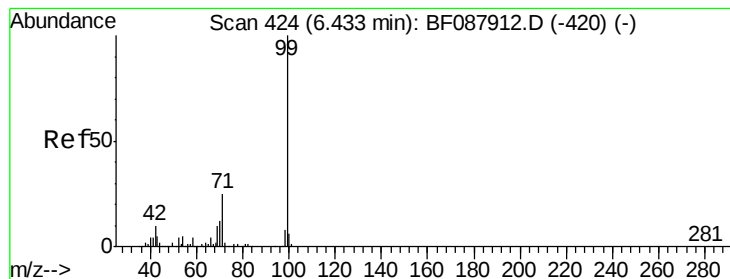
2-Fluorophenol
Concen: 118.76 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:112 Resp: 805083
Ion Ratio Lower Upper
112 100
64 52.0 42.2 63.2
63 26.8 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: 109.61 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF087984.D

Acq: 13 Jun 2016 15:35

Instrument :

BNA_F

ClientSampleId :

22-VE-PILE-WALL(0-2)

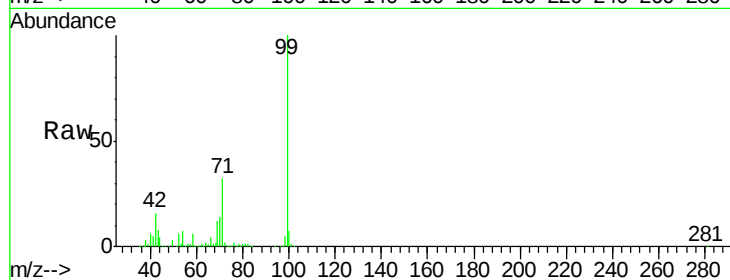
Tot Ion: 99 Resp: 900515

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

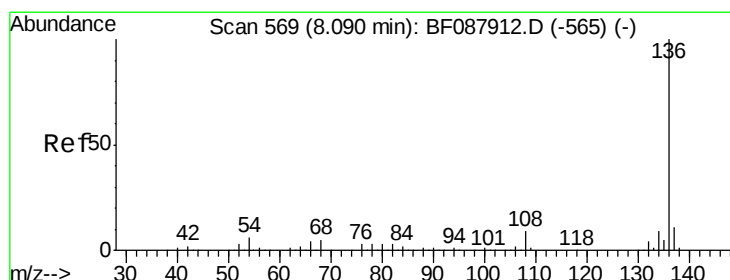
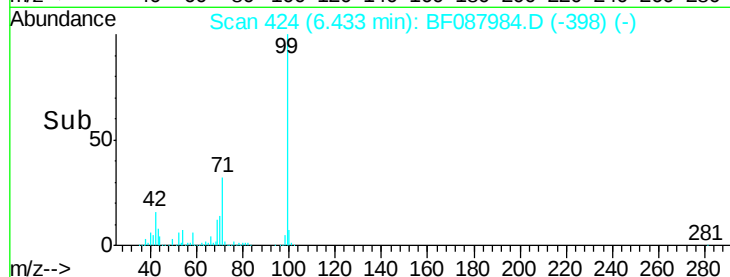
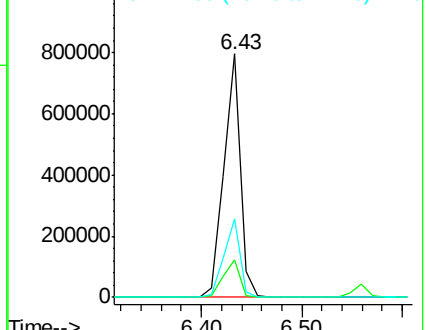
71 32.3 23.4 35.0



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: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF087984.D

Acq: 13 Jun 2016 15:35

Tgt Ion: 136 Resp: 490203

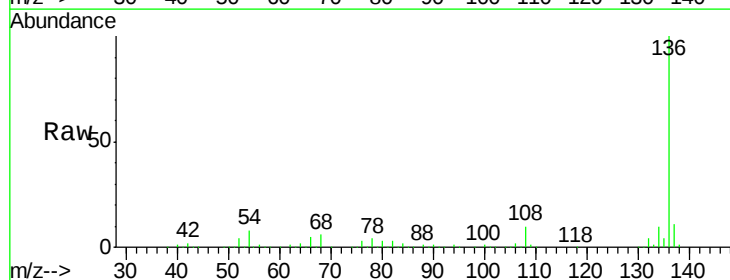
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.9 6.6 10.0

68 6.4 5.1 7.7

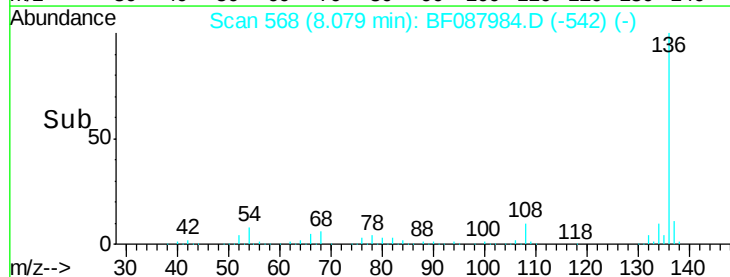
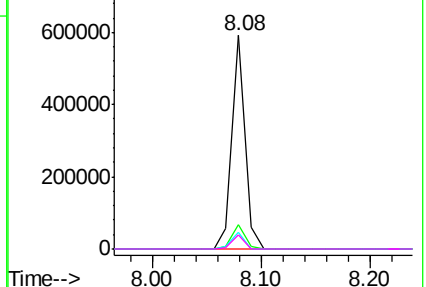


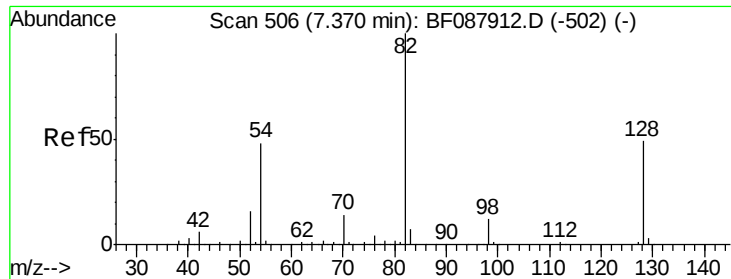
Abundance Ion 136.00 (135.70 to 136.70): E

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

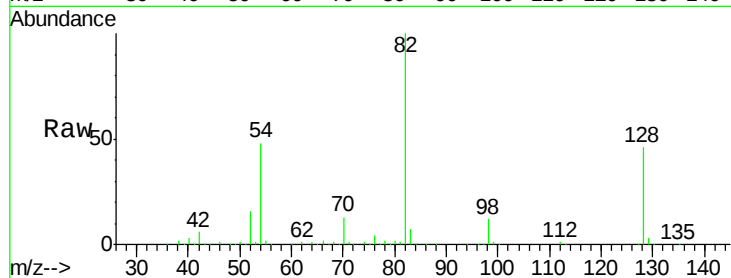




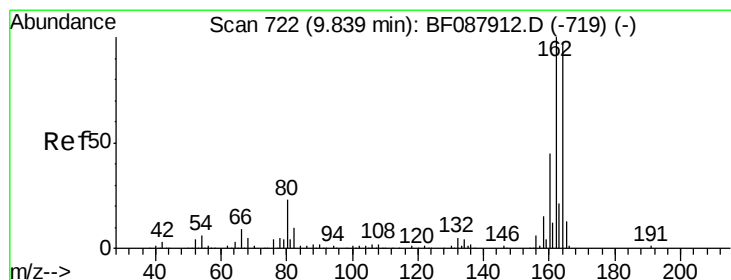
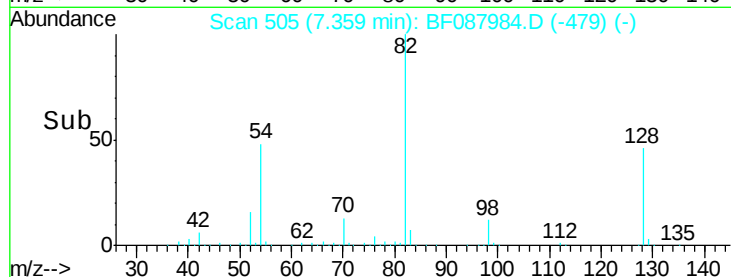
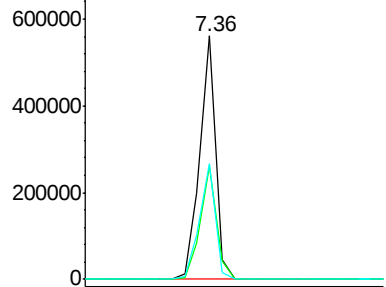
#23
 Nitrobenzene-d5
 Concen: 67.15 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF087984.D
 Acq: 13 Jun 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 22-VE-PILE-WALL(0-2)

Tot Ion: 82 Resp: 563703
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.9 53.9
 54 47.5 40.9 61.3

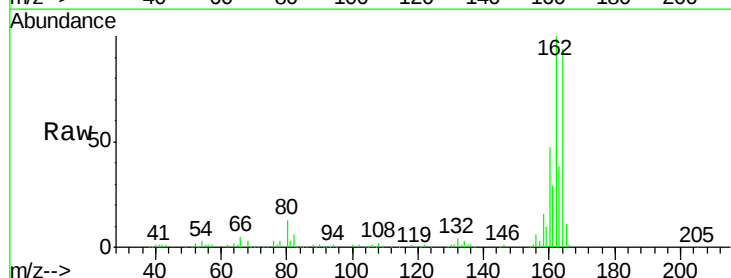


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

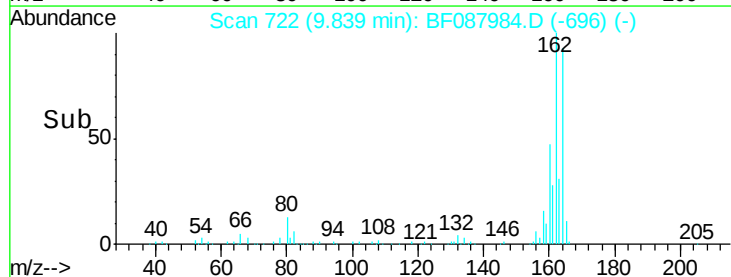
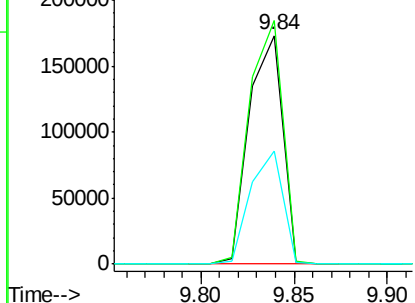


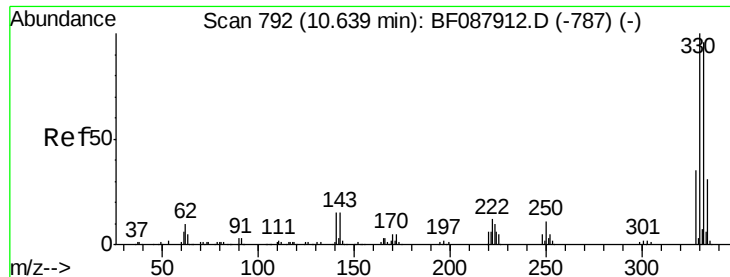
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF087984.D
 Acq: 13 Jun 2016 15:35

Tgt Ion:164 Resp: 215831
 Ion Ratio Lower Upper
 164 100
 162 106.4 85.4 128.2
 160 49.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

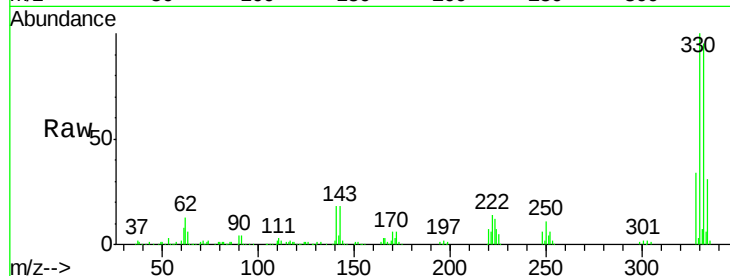




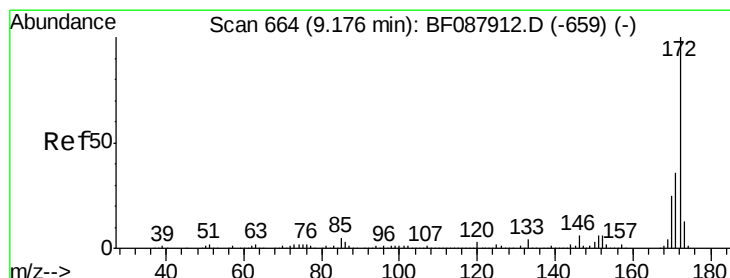
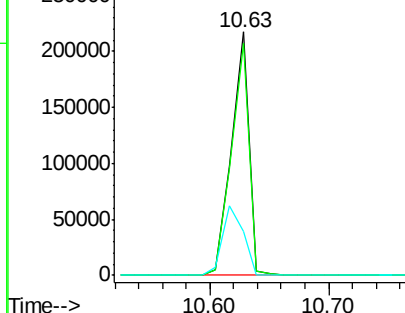
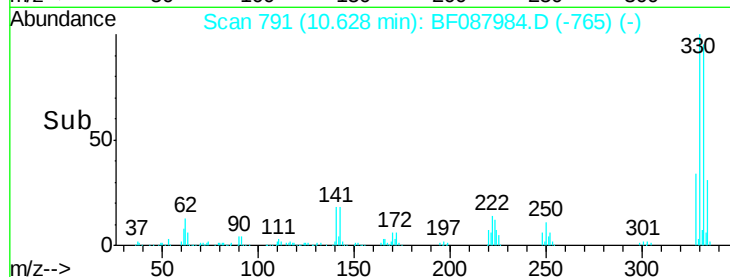
#41
 2,4,6-Tribromophenol
 Concen: 98.30 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF087984.D
 Acq: 13 Jun 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 22-VE-PILE-WALL(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	33.6	0.0	0.0#

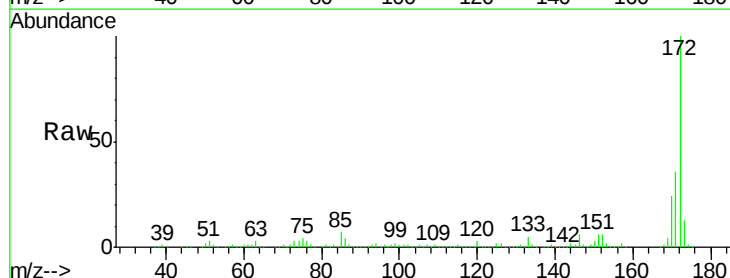


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

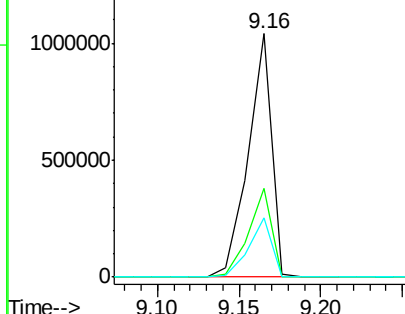
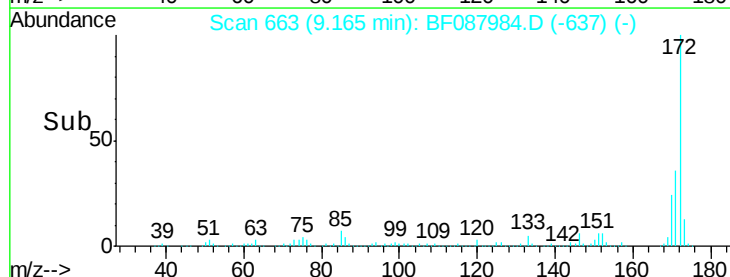


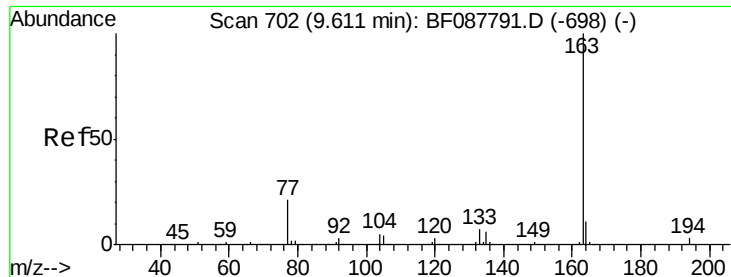
#44
 2-Fluorobiphenyl
 Concen: 74.63 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF087984.D
 Acq: 13 Jun 2016 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

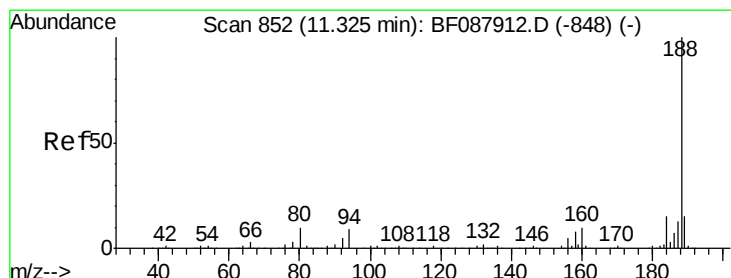
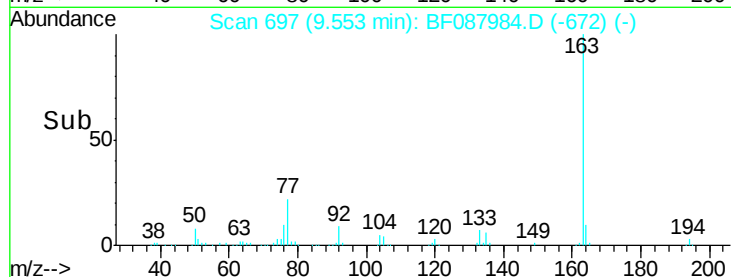
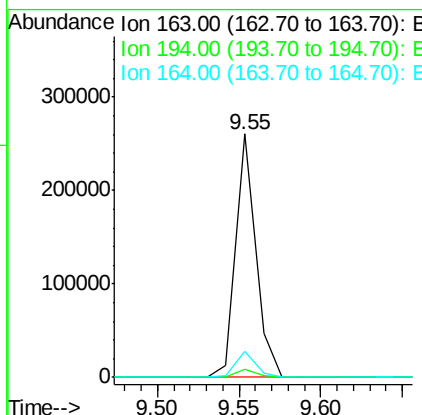
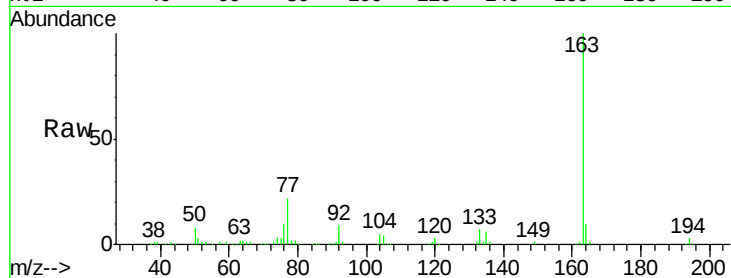




#49
Dimethylphthalate
Concen: 14.11 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

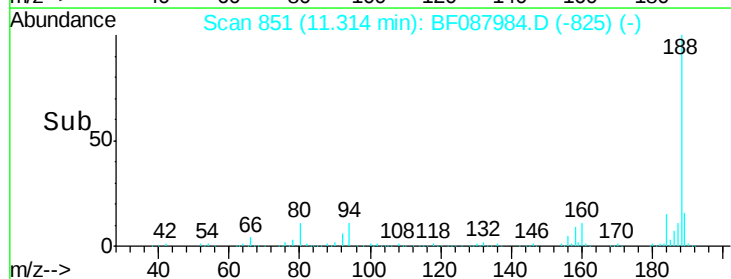
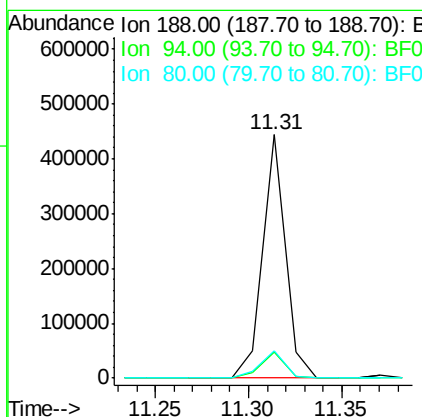
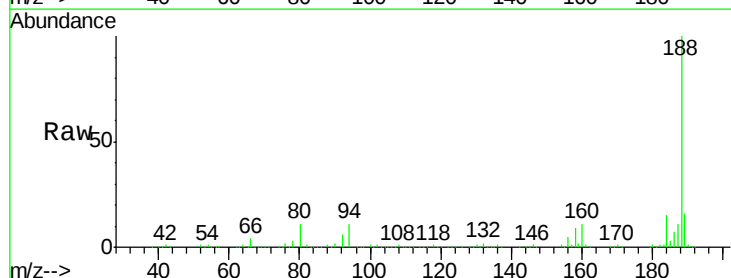
Instrument :
BNA_F
ClientSampleId :
22-VE-PILE-WALL(0-2)

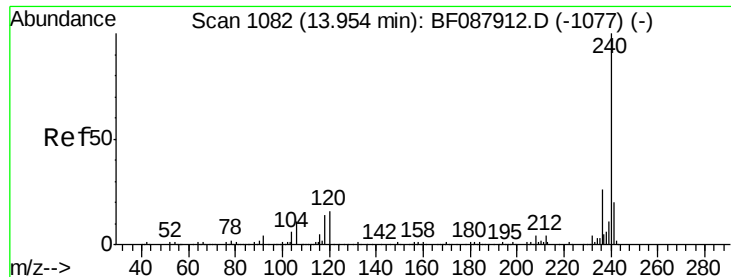
Tot Ion:163 Resp: 220536
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.5 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Tgt Ion:188 Resp: 372498
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.4 10.0 15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF087984.D

Acq: 13 Jun 2016 15:35

Instrument :

BNA_F

ClientSampleId :

22-VE-PILE-WALL(0-2)

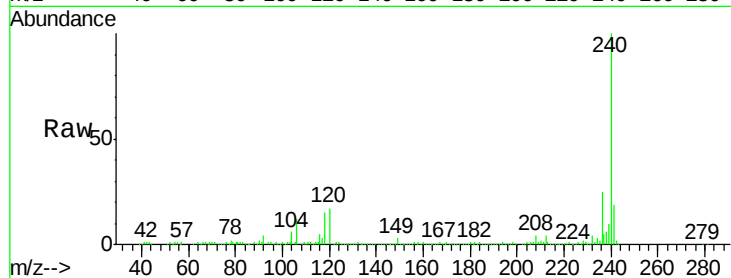
Tot Ion:240 Resp: 253200

Ion Ratio Lower Upper

240 100

120 16.8 6.8 10.2#

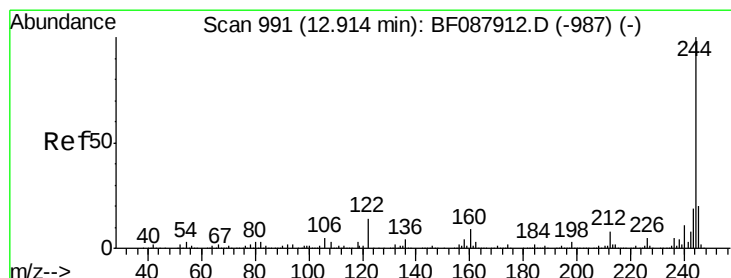
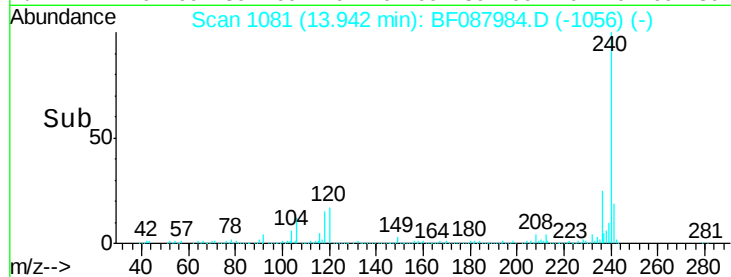
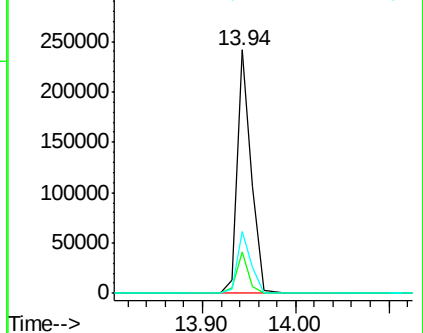
236 25.4 20.2 30.2



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: 64.58 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF087984.D

Acq: 13 Jun 2016 15:35

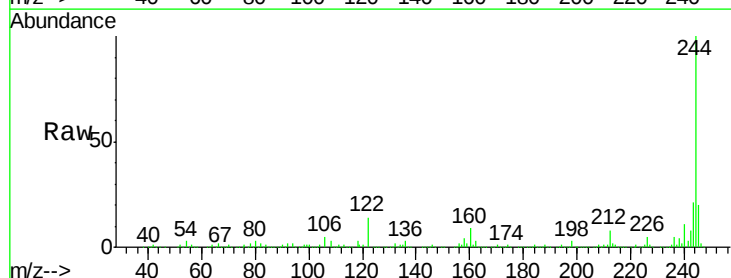
Tgt Ion:244 Resp: 718572

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

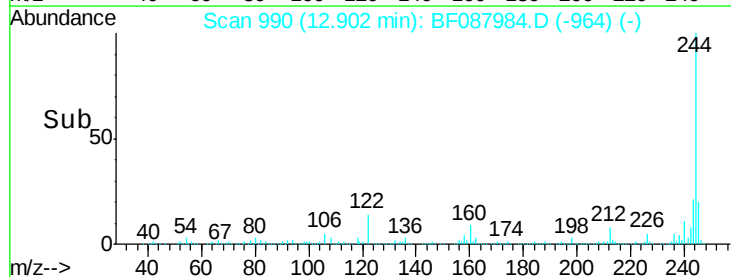
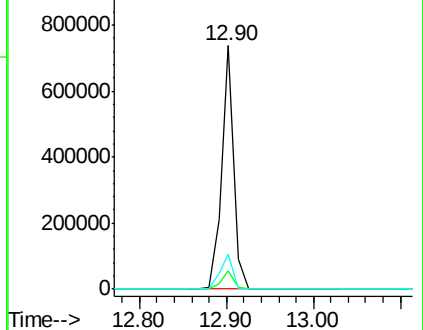
122 14.4 11.2 16.8

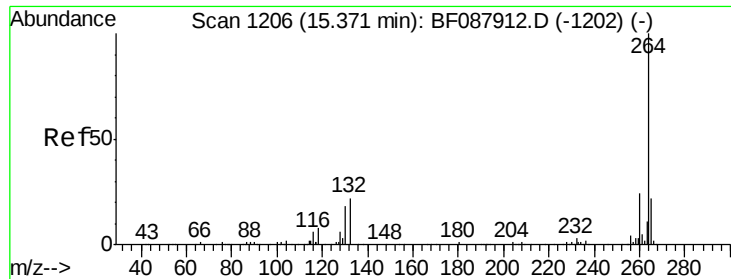


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF087984.D
Acq: 13 Jun 2016 15:35

Instrument :
BNA_F
ClientSampleId :
22-VE-PILE-WALL(0-2)

Tot Ion: 264 Resp: 236420

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

