

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087985.D
 Acq On : 13 Jun 2016 16:04
 Operator : UM/SJ
 Sample : H3449-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 13 17:34:06 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

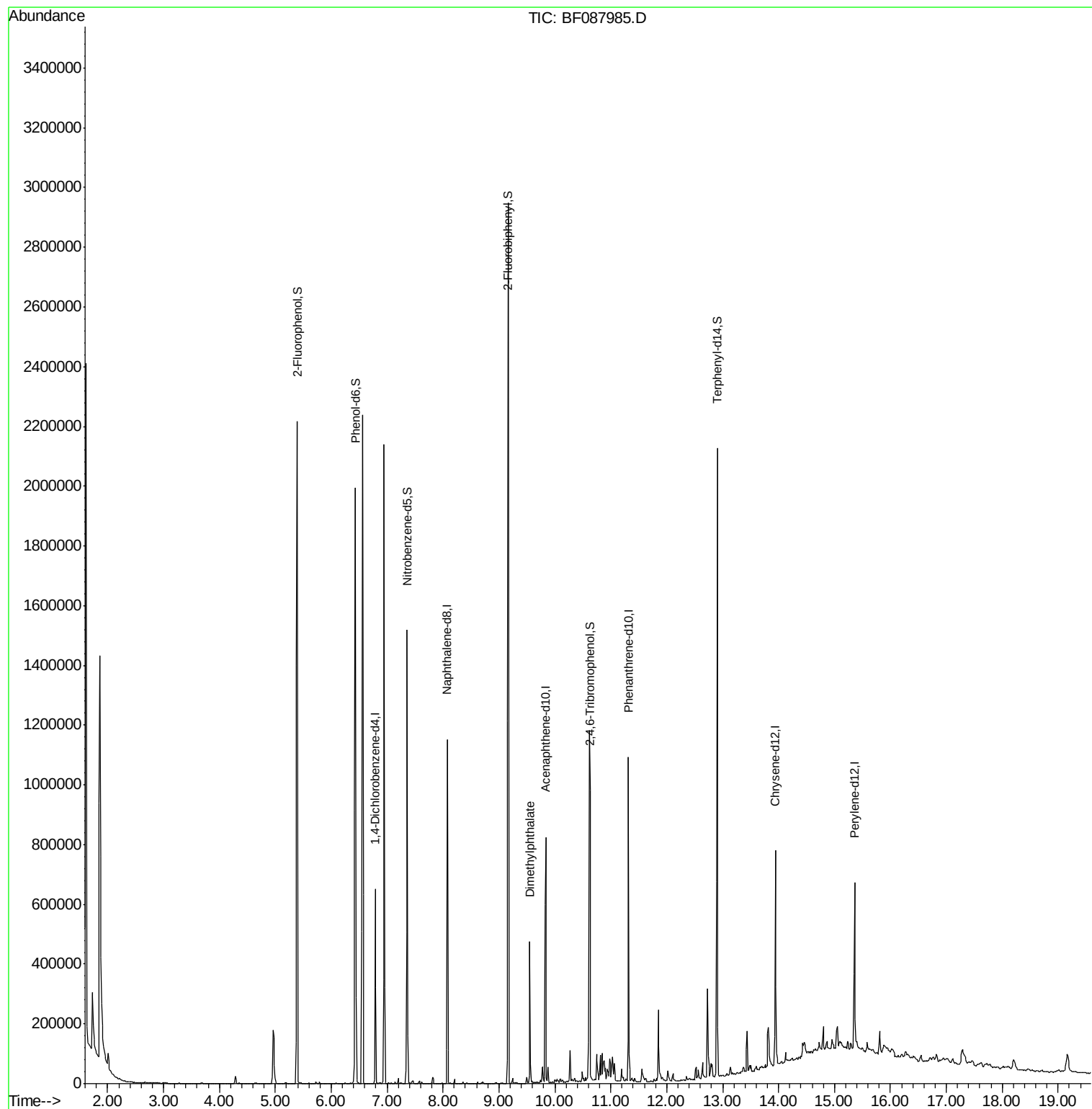
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118487	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	480336	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	213085	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	354922	20.00	ng	0.00
75) Chrysene-d12	13.94	240	237637	20.00	ng	-0.01
86) Perylene-d12	15.36	264	232251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	795804	114.82	ng	0.01
7) Phenol-d6	6.43	99	862079	102.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	529134	64.33	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	208518	92.68	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	990916	72.22	ng	0.00
78) Terphenyl-d14	12.90	244	651317	62.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	174370	11.30	ng	Qvalue 99

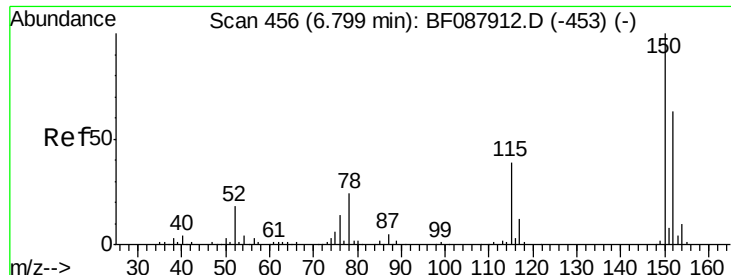
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087985.D

Acq: 13 Jun 2016 16:04

Instrument :

BNA_F

ClientSampleId :

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

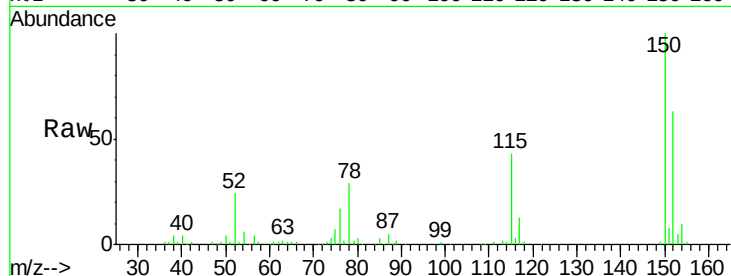
Tot Ion:152 Resp: 118487

Ion Ratio Lower Upper

152 100

150 159.6 123.8 185.6

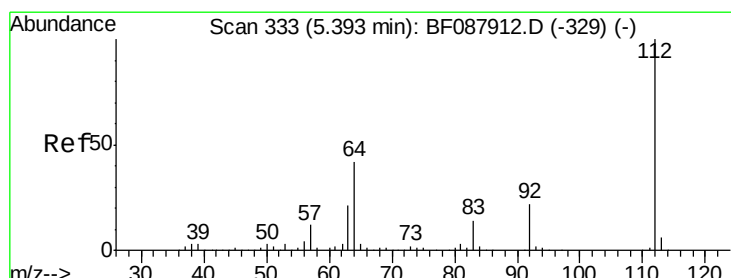
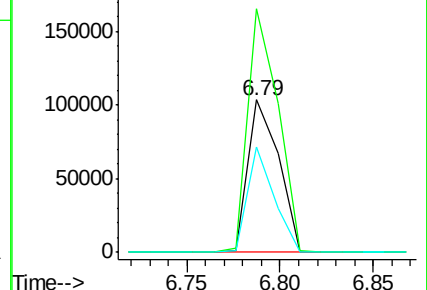
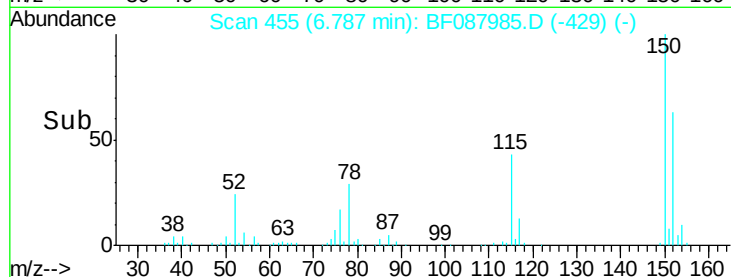
115 68.7 39.6 59.4#



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: 114.82 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF087985.D

Acq: 13 Jun 2016 16:04

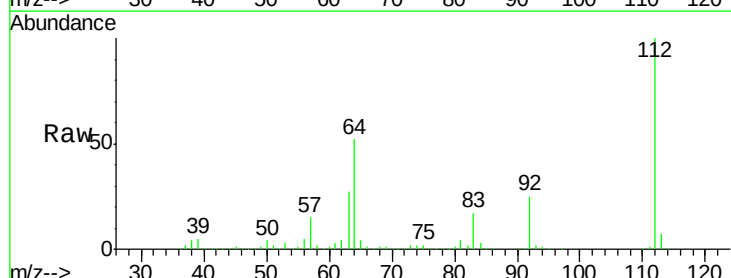
Tgt Ion:112 Resp: 795804

Ion Ratio Lower Upper

112 100

64 51.7 42.2 63.2

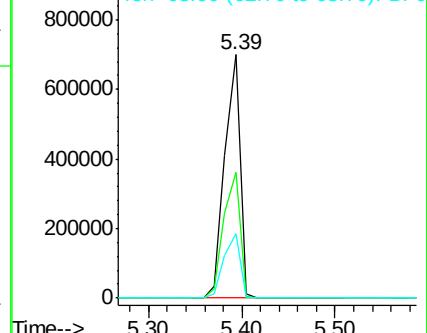
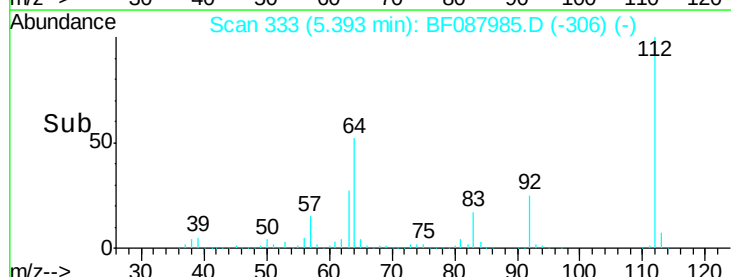
63 26.6 21.8 32.8

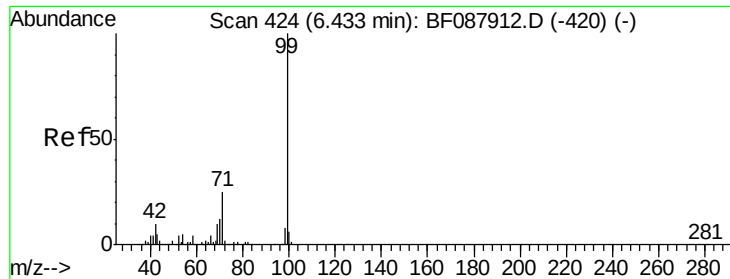


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.63 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF087985.D

Acq: 13 Jun 2016 16:04

Instrument :

BNA_F

ClientSampleId :

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

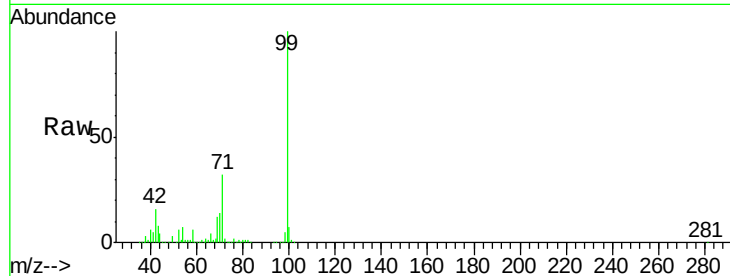
Tot Ion: 99 Resp: 862079

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

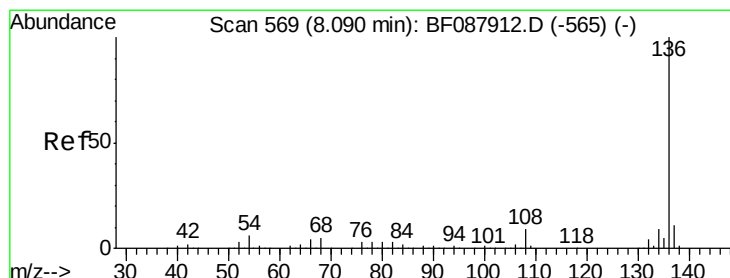
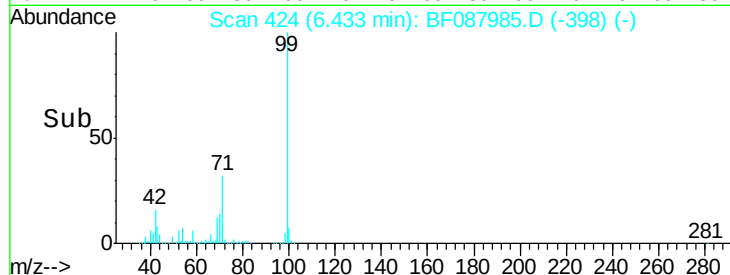
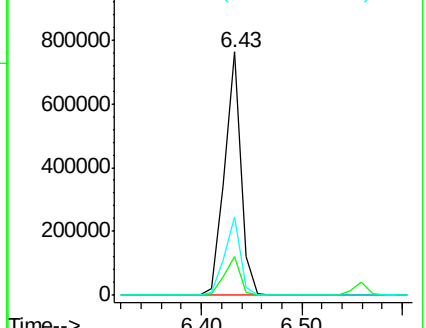
71 32.4 23.4 35.0



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: BF087985.D

Acq: 13 Jun 2016 16:04

Tgt Ion: 136 Resp: 480336

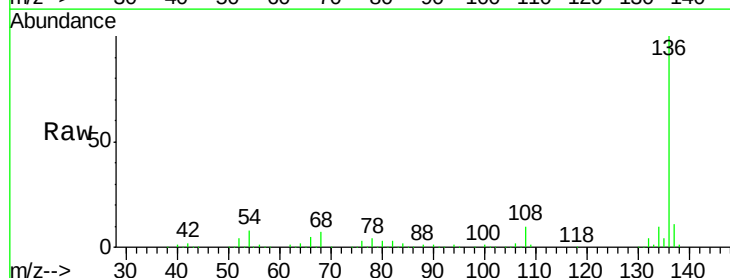
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.7 6.6 10.0

68 6.5 5.1 7.7

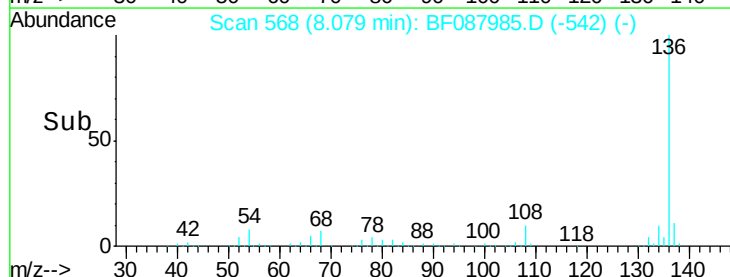
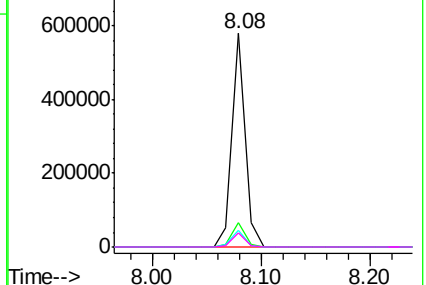


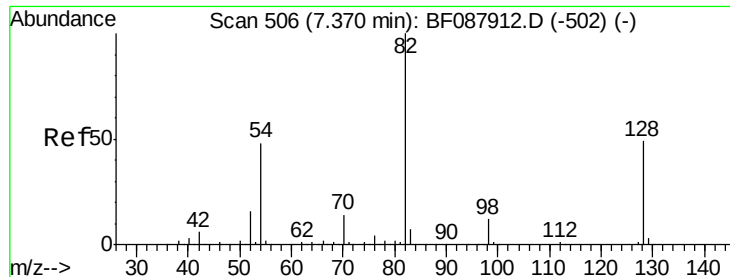
Abundance Ion 136.00 (135.70 to 136.70): E

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

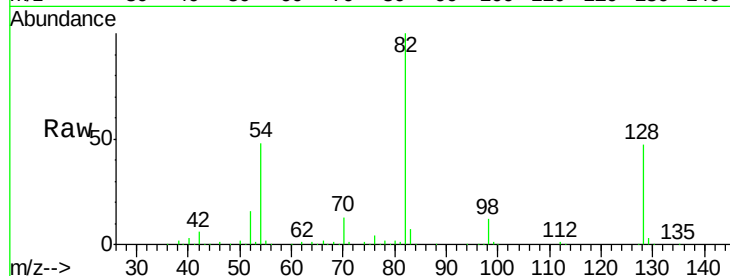




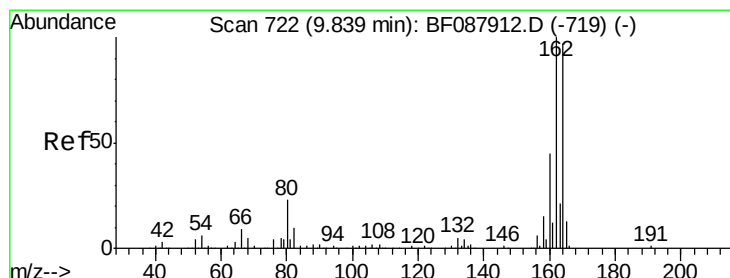
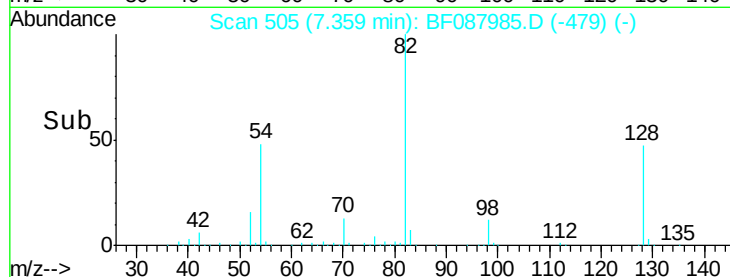
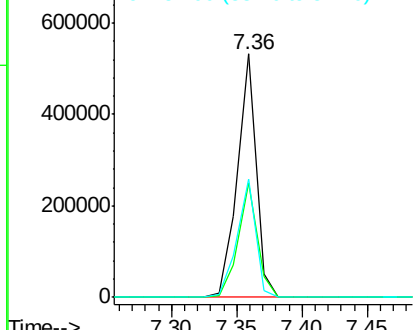
#23
 Nitrobenzene-d5
 Concen: 64.33 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF087985.D
 Acq: 13 Jun 2016 16:04

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

Tot Ion	82	Resp	529134
Ion Ratio	Lower	Upper	
82	100		
128	46.7	35.9	53.9
54	48.3	40.9	61.3

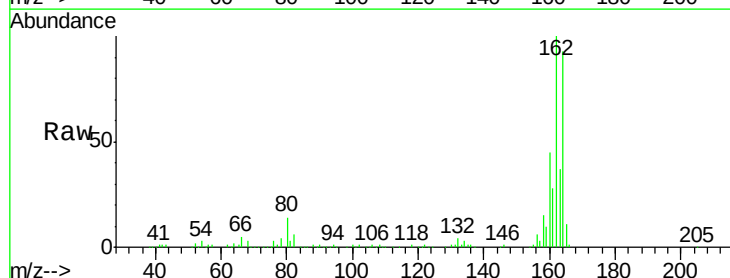


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

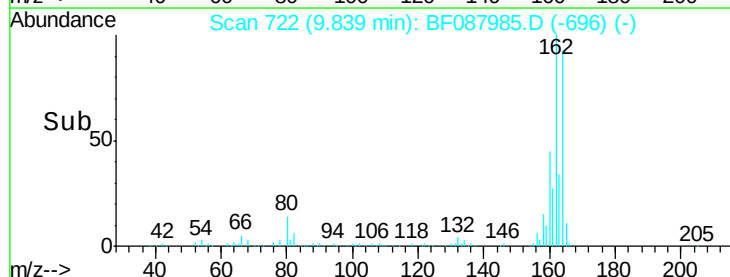
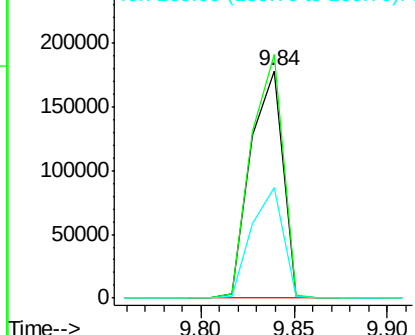


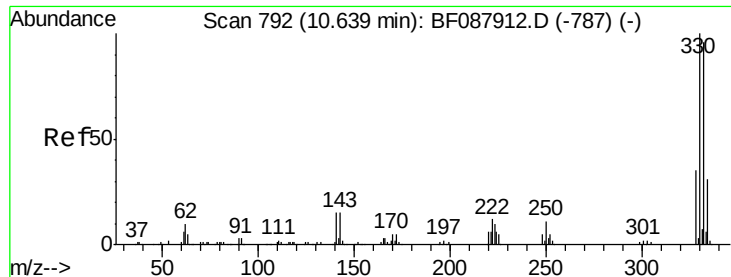
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF087985.D
 Acq: 13 Jun 2016 16:04

Tgt Ion	164	Resp	213085
Ion Ratio	Lower	Upper	
164	100		
162	107.3	85.4	128.2
160	48.6	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

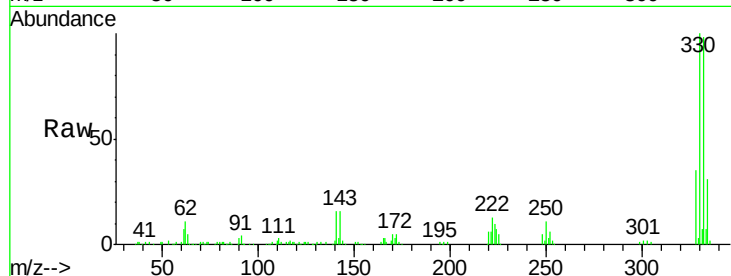




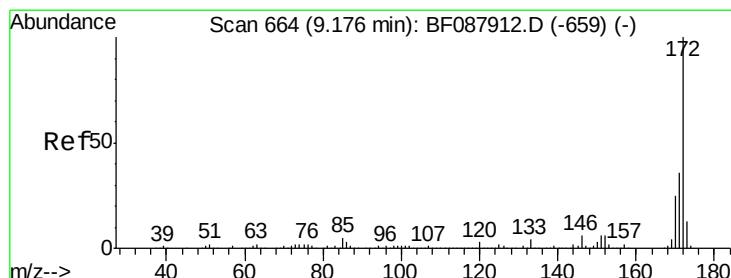
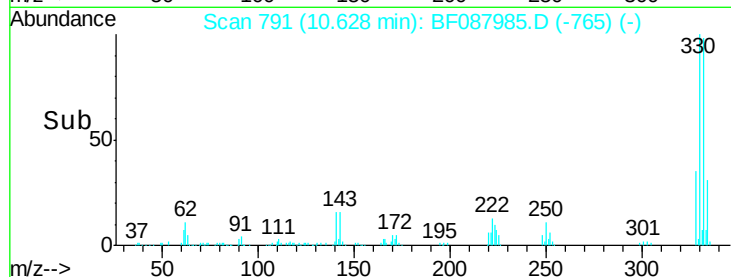
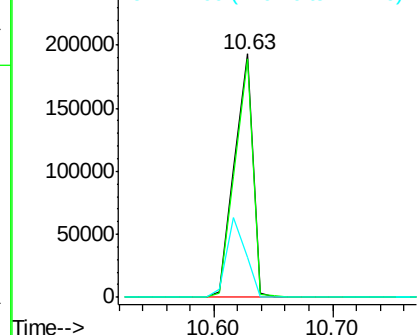
#41
 2,4,6-Tribromophenol
 Concen: 92.68 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF087985.D
 Acq: 13 Jun 2016 16:04

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.7	0.0	0.0#

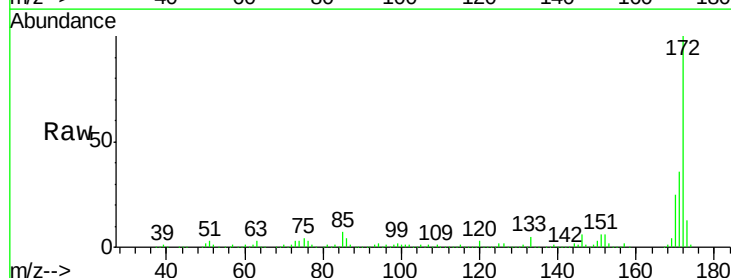


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

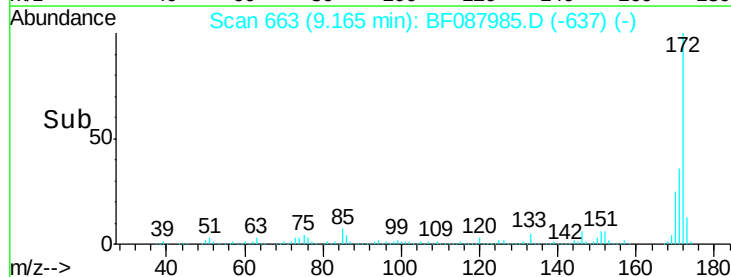
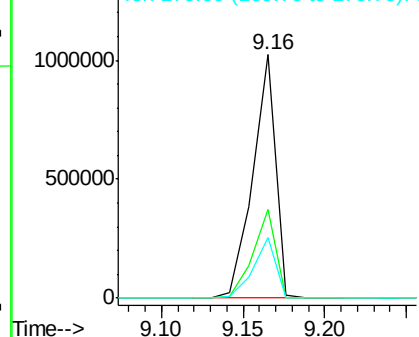


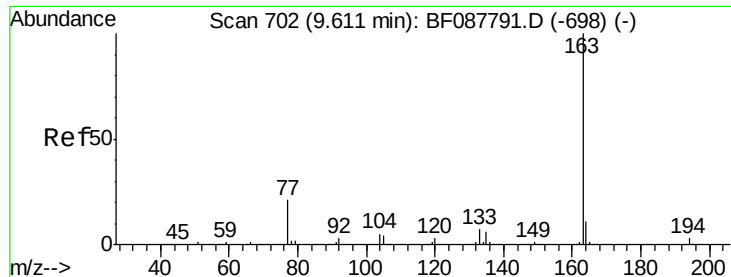
#44
 2-Fluorobiphenyl
 Concen: 72.22 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF087985.D
 Acq: 13 Jun 2016 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.7	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

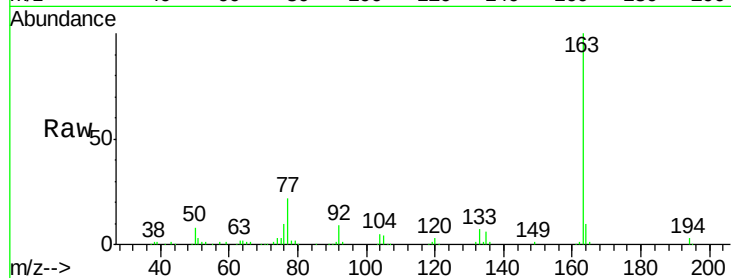




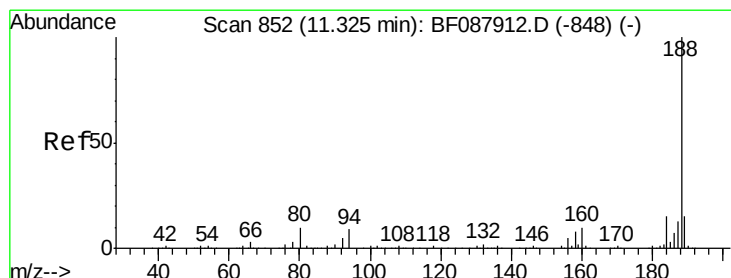
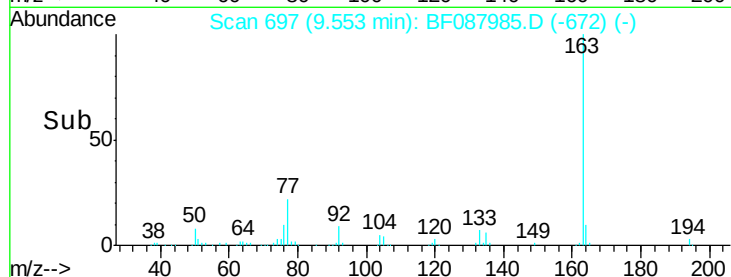
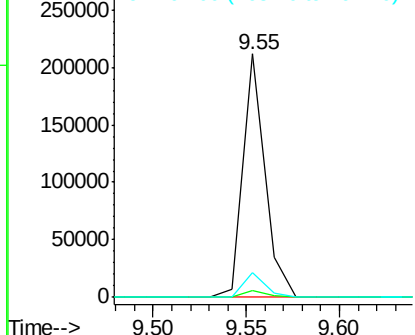
#49
Dimethylphthalate
Concen: 11.30 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087985.D
Acq: 13 Jun 2016 16:04

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

Tot Ion:163 Resp: 174370
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 8.3 12.5

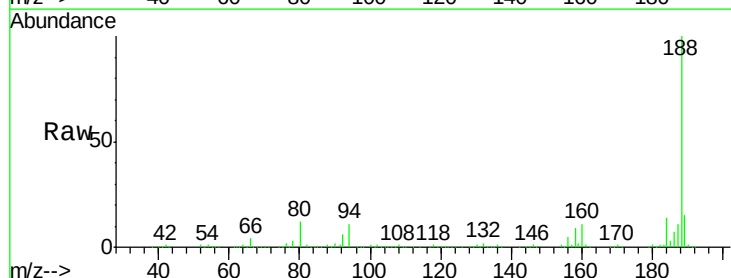


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

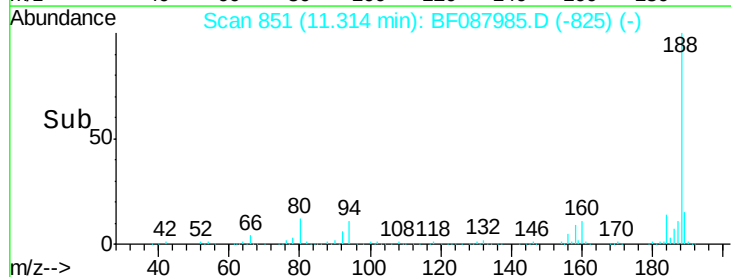
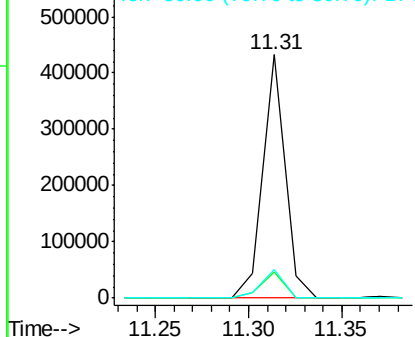


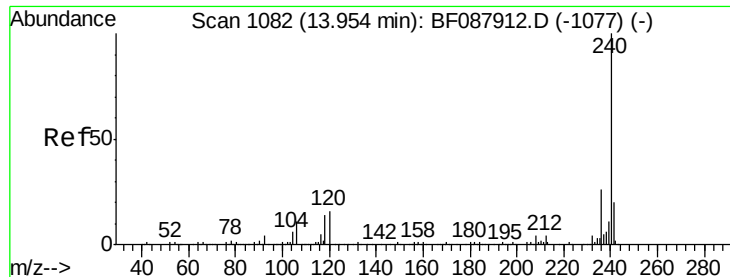
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF087985.D
Acq: 13 Jun 2016 16:04

Tgt Ion:188 Resp: 354922
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 11.5 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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF087985.D

Acq: 13 Jun 2016 16:04

Instrument :

BNA_F

ClientSampleId :

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

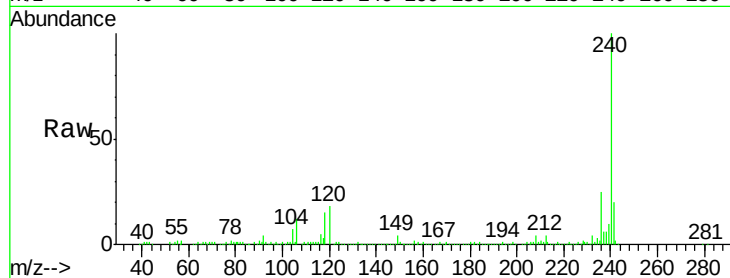
Tot Ion:240 Resp: 237637

Ion Ratio Lower Upper

240 100

120 17.5 6.8 10.2#

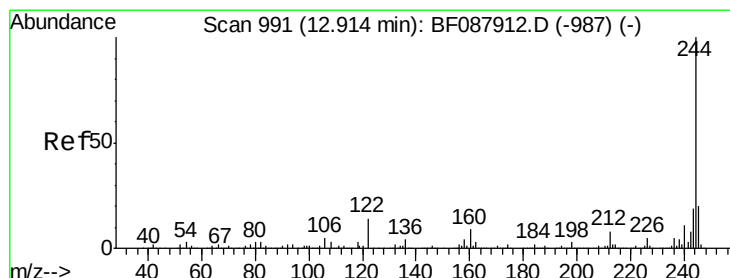
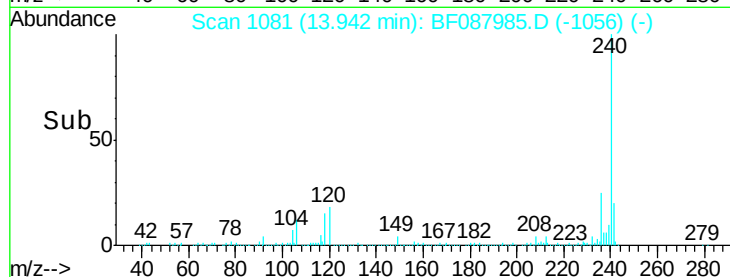
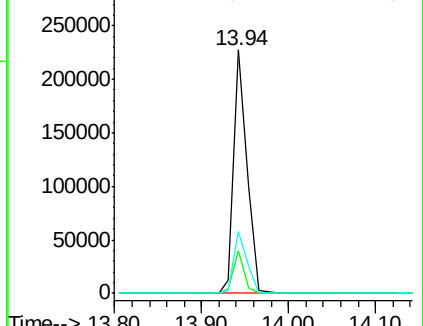
236 25.3 20.2 30.2



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: 62.37 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF087985.D

Acq: 13 Jun 2016 16:04

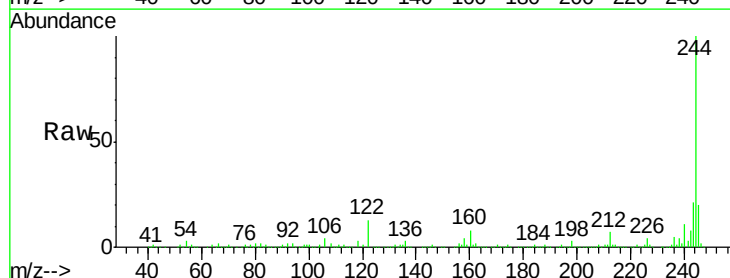
Tgt Ion:244 Resp: 651317

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

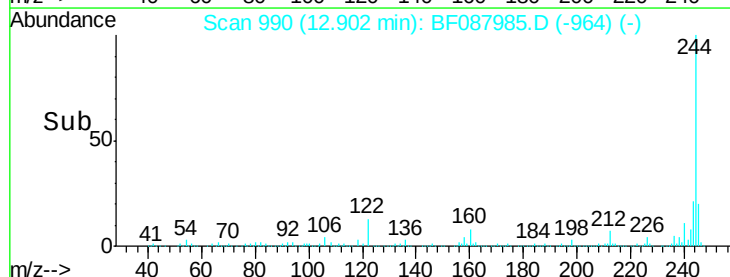
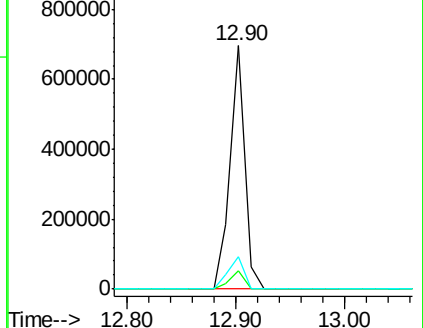
122 13.5 11.2 16.8

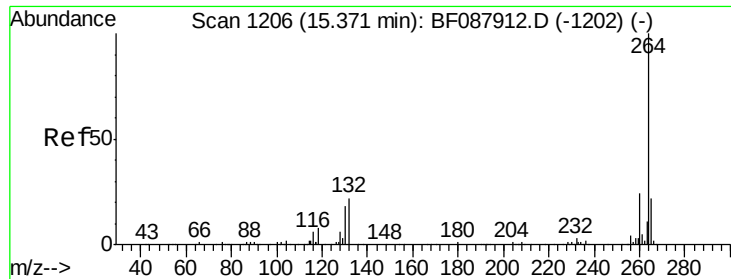


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087985.D
 Acq: 13 Jun 2016 16:04

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

Tot Ion:264 Resp: 232251
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 16.9 25.3

