

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087986.D
 Acq On : 13 Jun 2016 16:41
 Operator : UM/SJ
 Sample : H3449-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 13 17:39:44 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

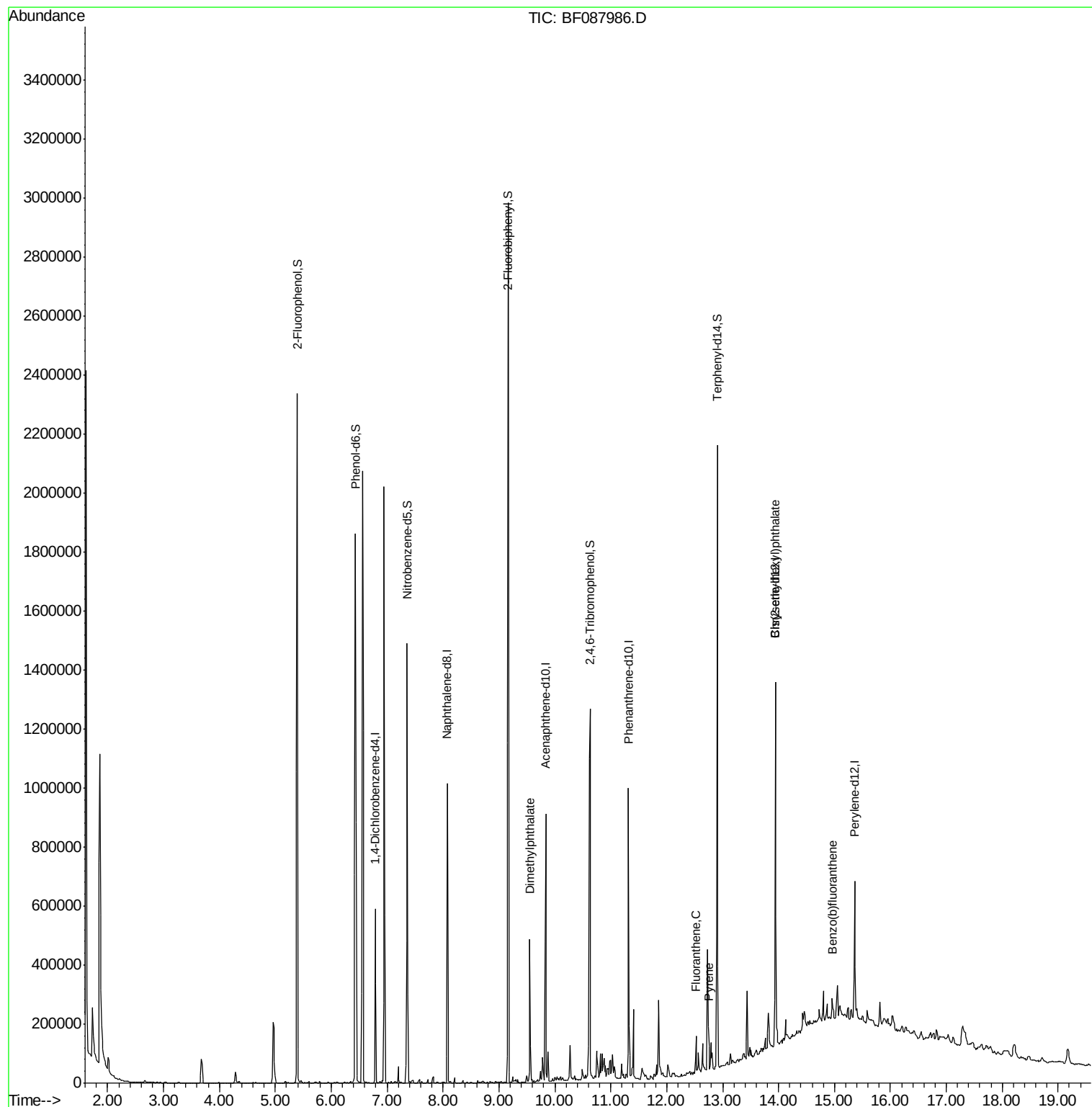
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112588	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	449535	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	204335	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	335608	20.00	ng	0.00
75) Chrysene-d12	13.94	240	221234	20.00	ng	-0.01
86) Perylene-d12	15.36	264	209076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	740543	112.44	ng	0.01
7) Phenol-d6	6.43	99	948060	118.78	ng	0.00
23) Nitrobenzene-d5	7.36	82	543224	70.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209386	97.05	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	980913	74.74	ng	0.00
78) Terphenyl-d14	12.90	244	648209	66.67	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	194024	13.11	ng	99
74) Fluoranthene	12.53	202	52787	2.84	ng	96
77) Pyrene	12.75	202	43543	2.65	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	192993	21.84	ng	99
87) Benzo(b)fluoranthene	14.96	252	34974m	2.40	ng	

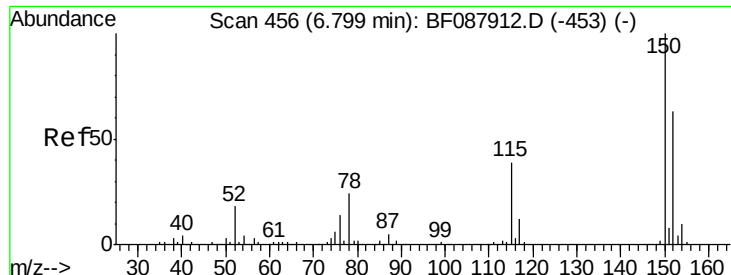
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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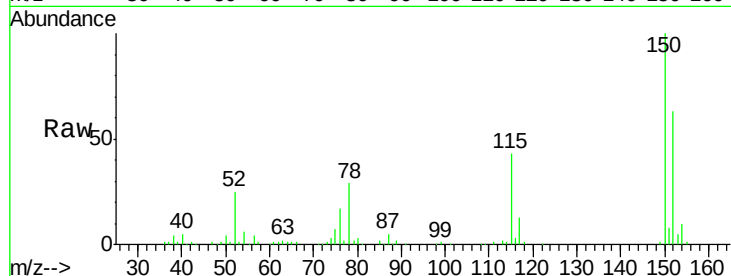


#1

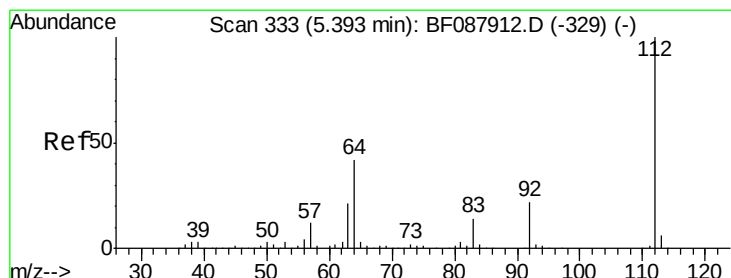
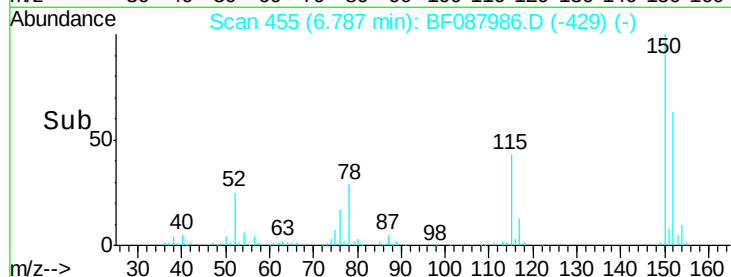
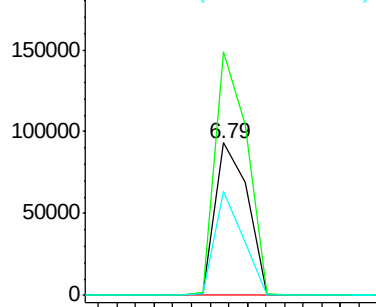
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

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

Tot Ion:152 Resp: 112588
Ion Ratio Lower Upper
152 100
150 159.7 123.8 185.6
115 68.0 39.6 59.4#



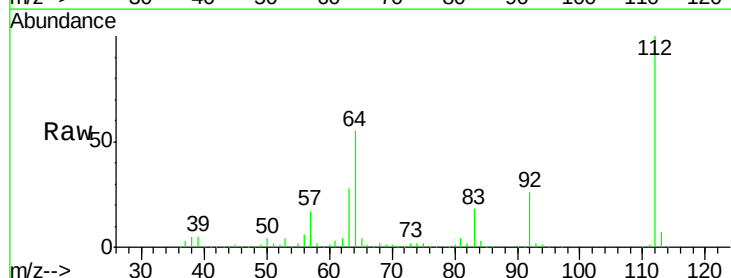
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



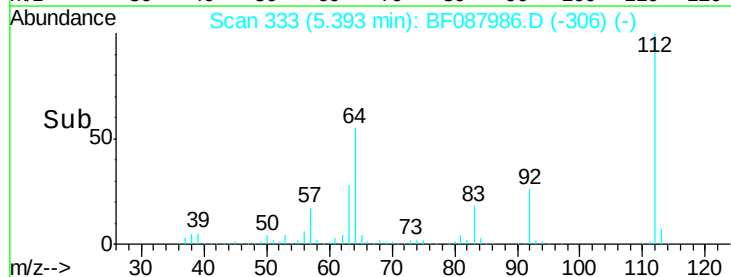
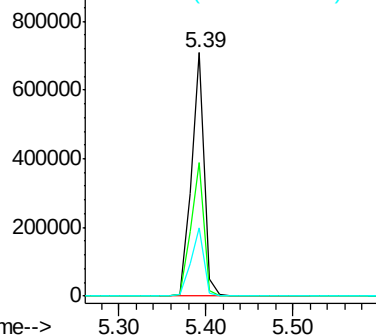
#5

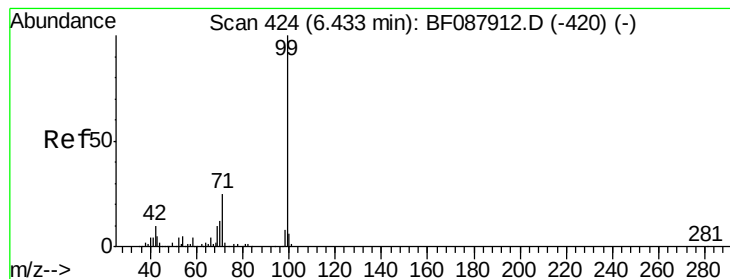
2-Fluorophenol
Concen: 112.44 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:112 Resp: 740543
Ion Ratio Lower Upper
112 100
64 54.9 42.2 63.2
63 28.2 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: 118.78 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF087986.D

Acq: 13 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

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

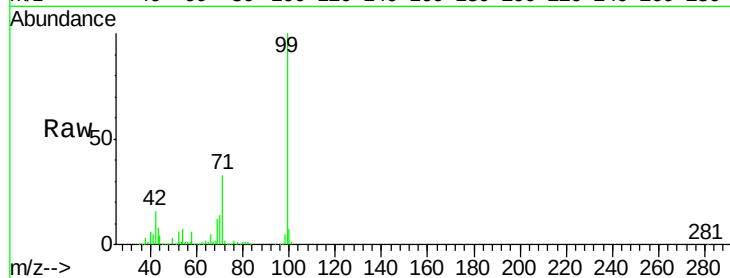
Tot Ion: 99 Resp: 948060

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

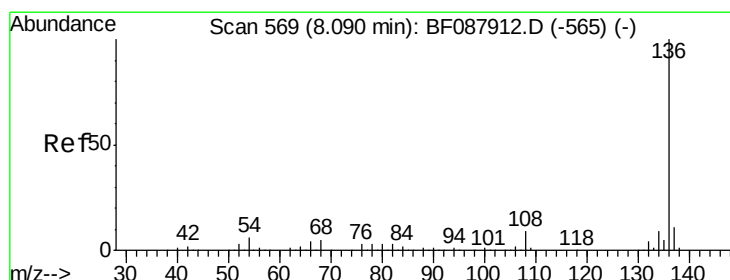
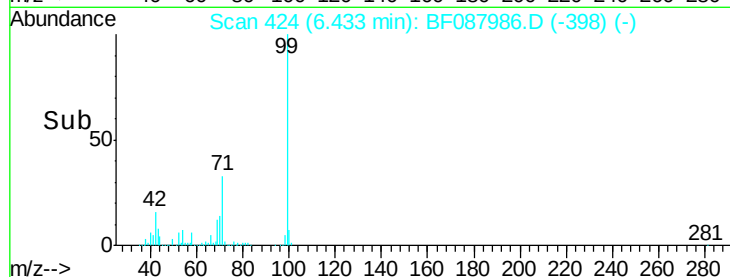
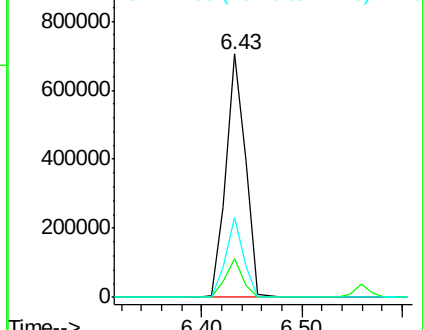
71 32.8 23.4 35.0



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: BF087986.D

Acq: 13 Jun 2016 16:41

Tgt Ion: 136 Resp: 449535

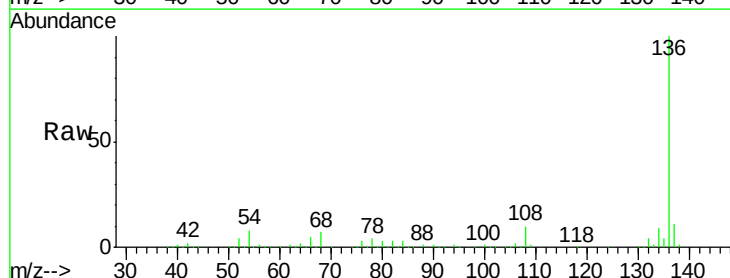
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 6.6 10.0

68 6.6 5.1 7.7

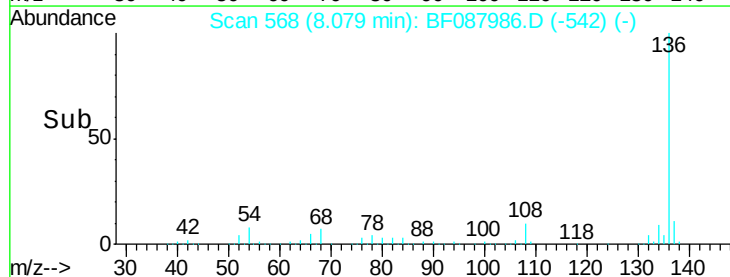
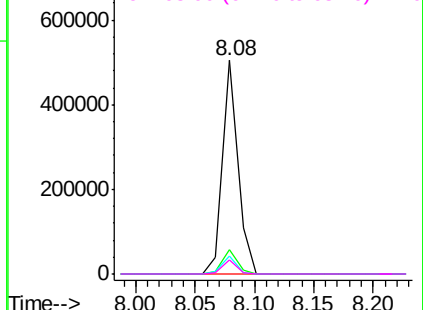


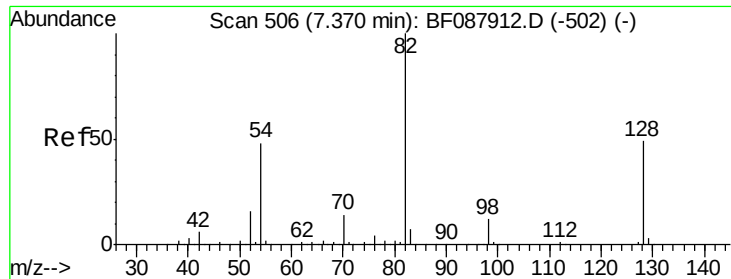
Abundance Ion 136.00 (135.70 to 136.70): E

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

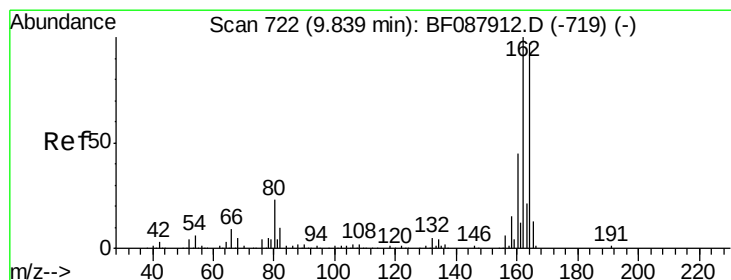
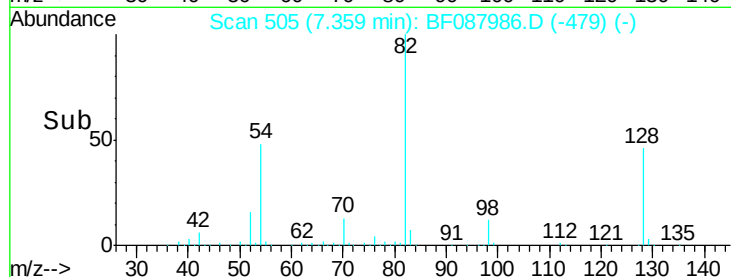
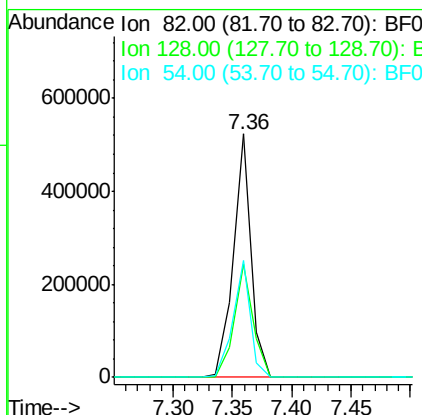
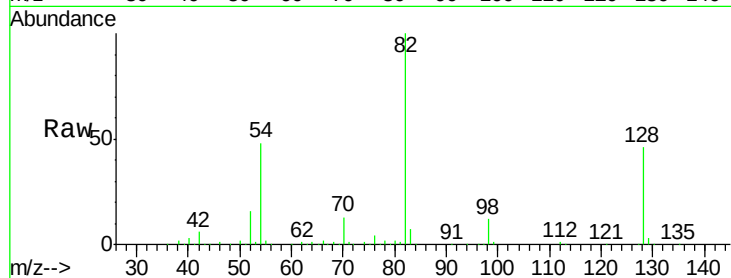




#23
 Nitrobenzene-d5
 Concen: 70.56 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF087986.D
 Acq: 13 Jun 2016 16:41

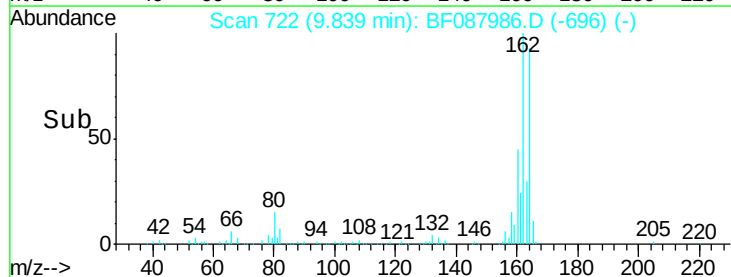
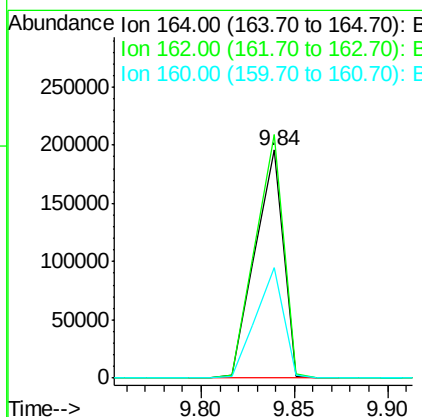
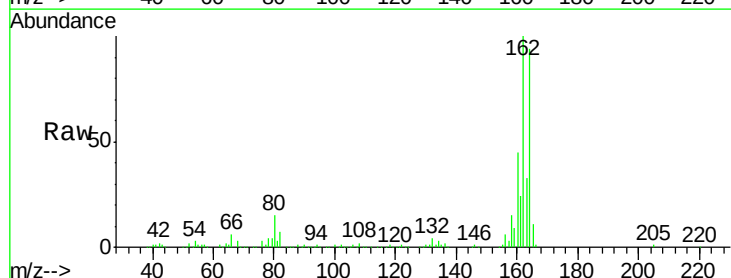
Instrument :
 BNA_F
 ClientSampleId :
 24-VE-PILE-WALL(0-2)

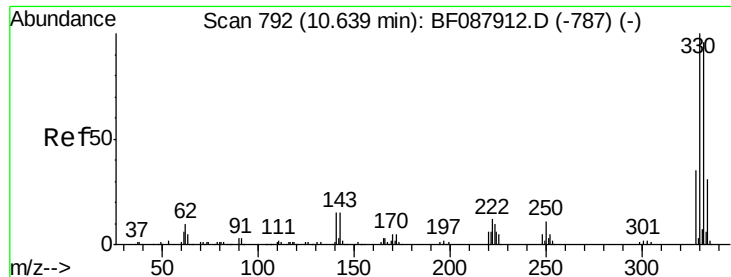
Tot Ion: 82 Resp: 543224
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.9 53.9
 54 47.8 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF087986.D
 Acq: 13 Jun 2016 16:41

Tgt Ion:164 Resp: 204335
 Ion Ratio Lower Upper
 164 100
 162 106.8 85.4 128.2
 160 48.3 39.5 59.3

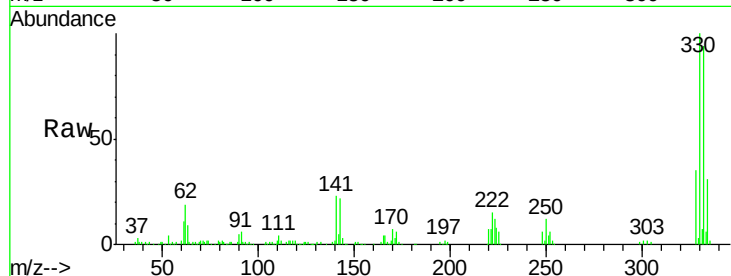




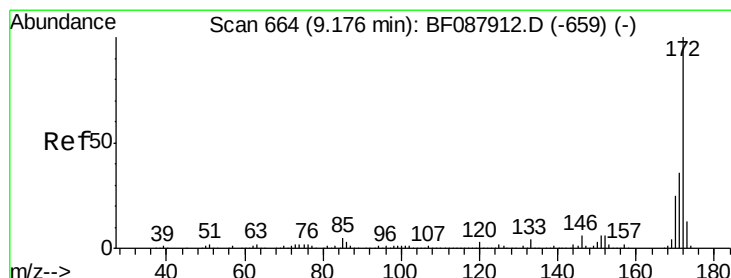
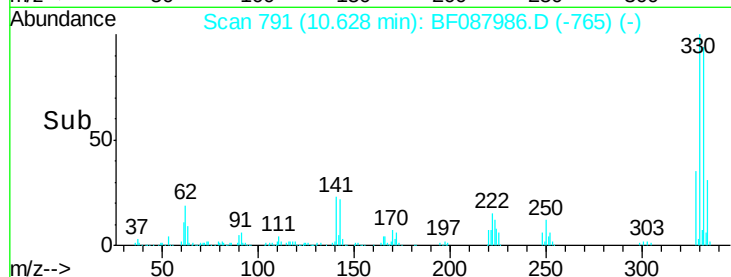
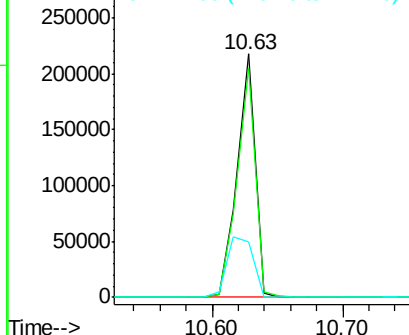
#41
 2,4,6-Tribromophenol
 Concen: 97.05 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF087986.D
 Acq: 13 Jun 2016 16:41

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	36.1	0.0	0.0#

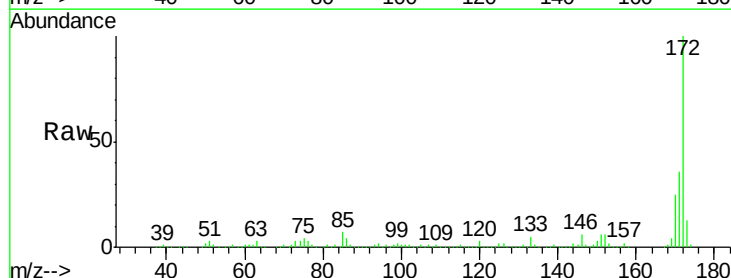


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

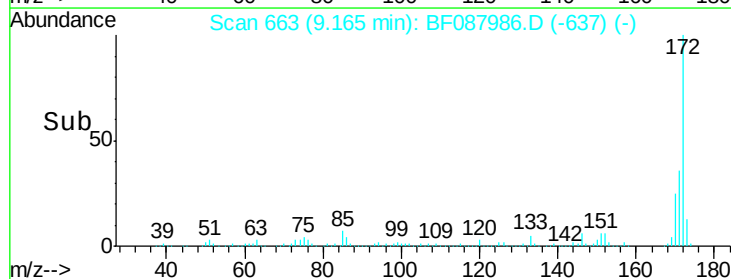
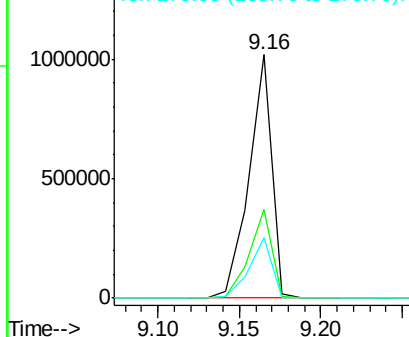


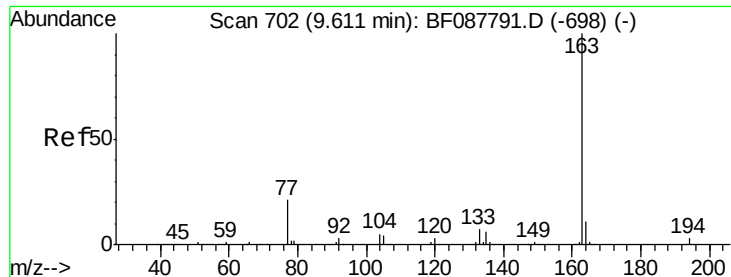
#44
 2-Fluorobiphenyl
 Concen: 74.74 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087986.D
 Acq: 13 Jun 2016 16:41

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: 13.11 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF087986.D

Acq: 13 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

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

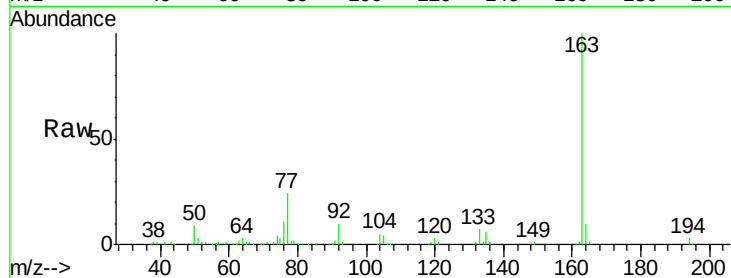
Tot Ion:163 Resp: 194024

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

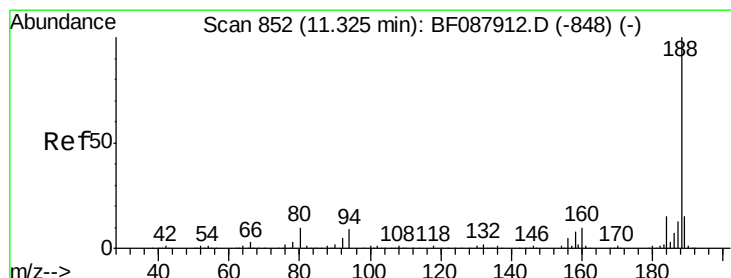
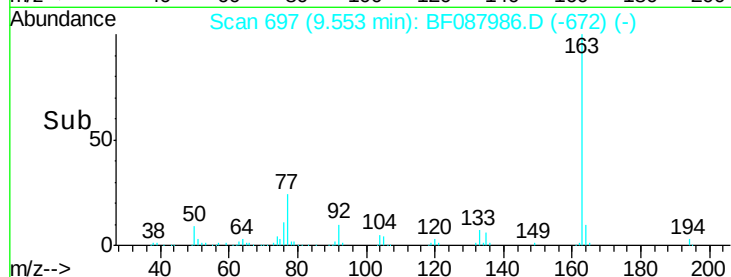
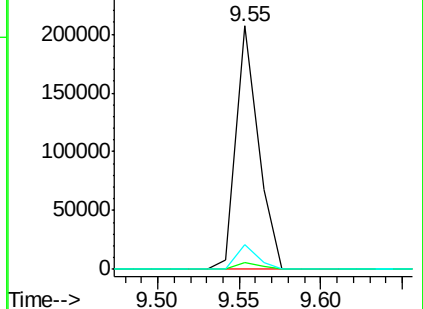
164 10.3 8.3 12.5



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: BF087986.D

Acq: 13 Jun 2016 16:41

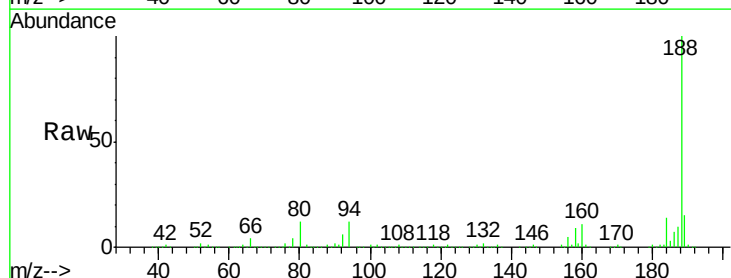
Tgt Ion:188 Resp: 335608

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.6

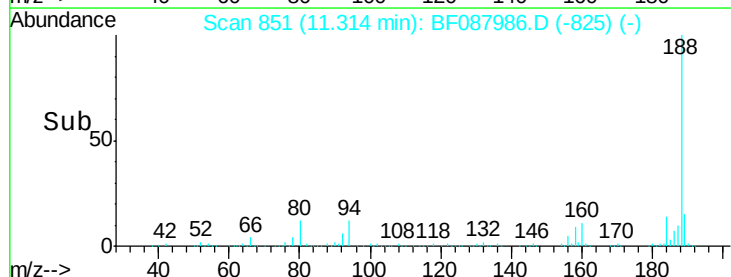
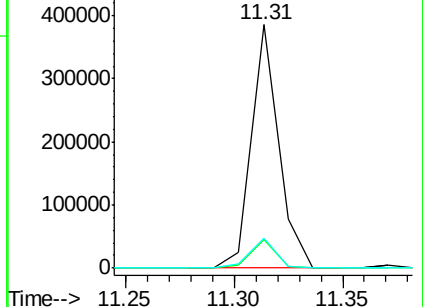
80 12.3 10.0 15.0

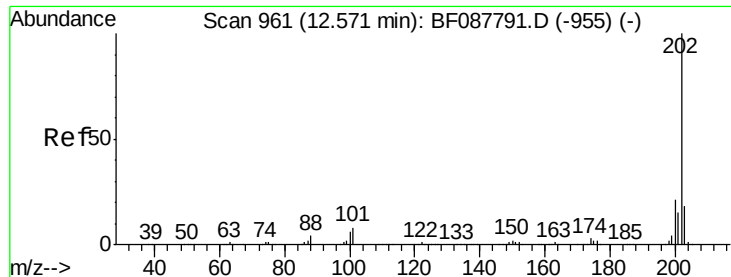


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

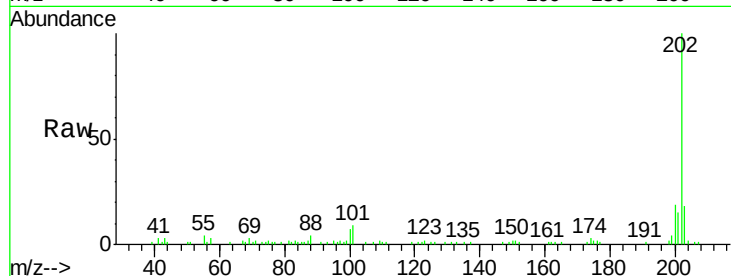




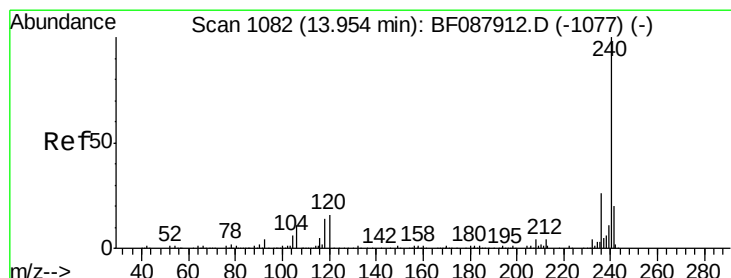
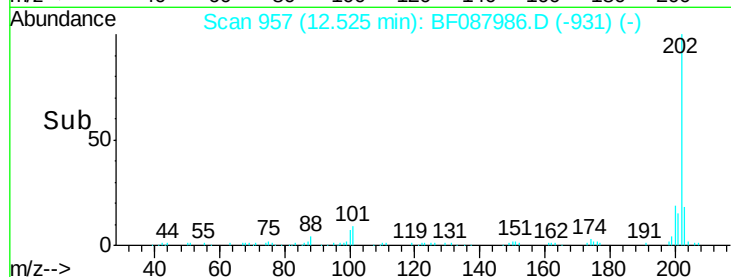
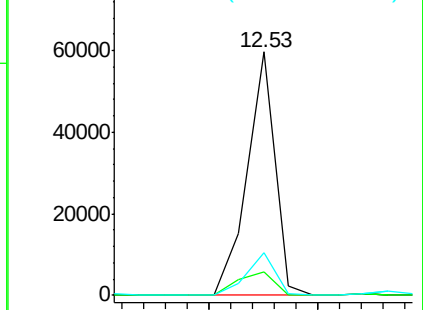
#74
Fluoranthene
Concen: 2.84 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

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

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.1
203	17.7	0.0	38.1

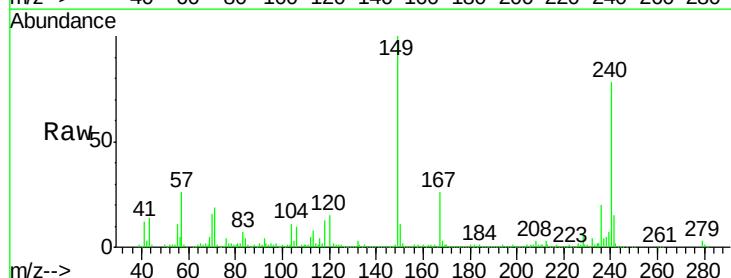


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

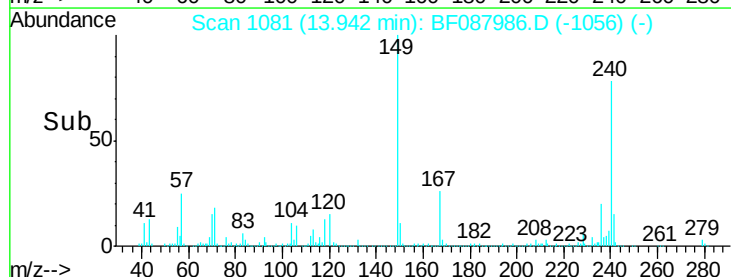
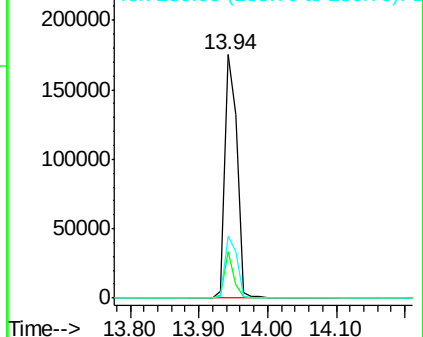


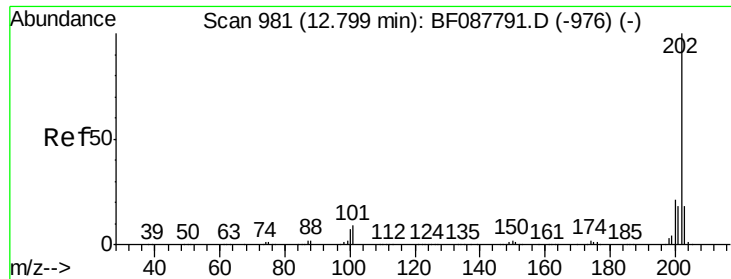
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.9	6.8	10.2#
236	25.2	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

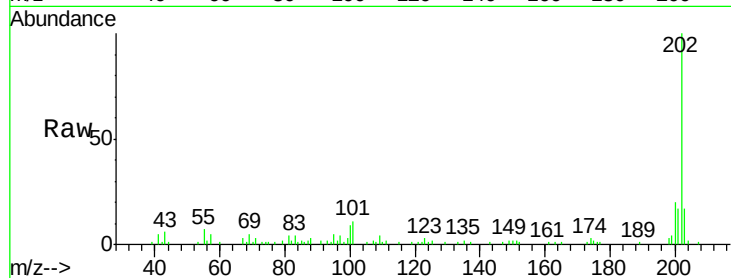




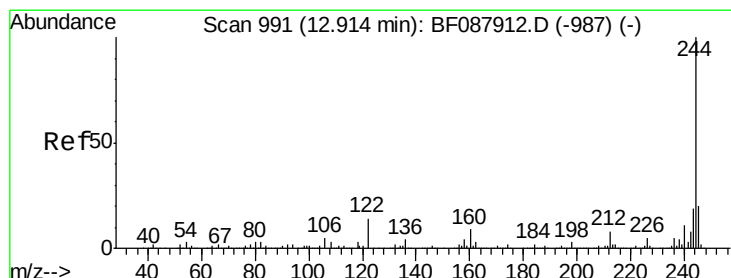
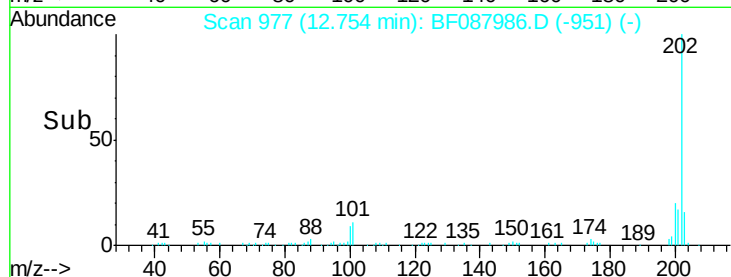
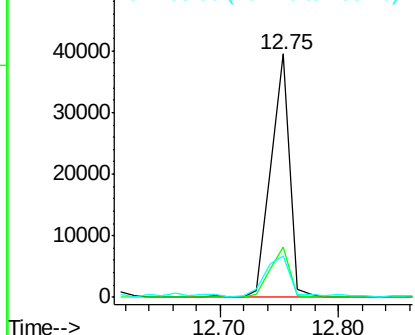
#77
Pvrene
Concen: 2.65 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

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

Tot Ion:202 Resp: 43543
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 17.3 14.5 21.7

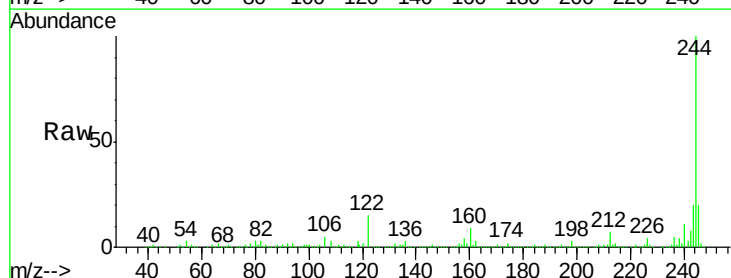


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

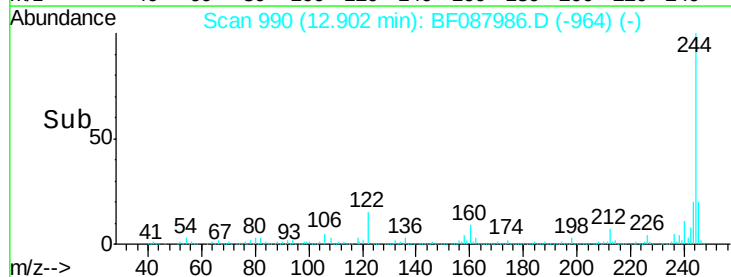
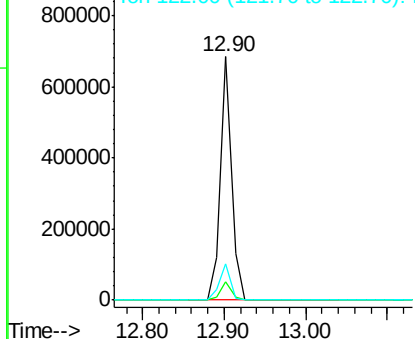


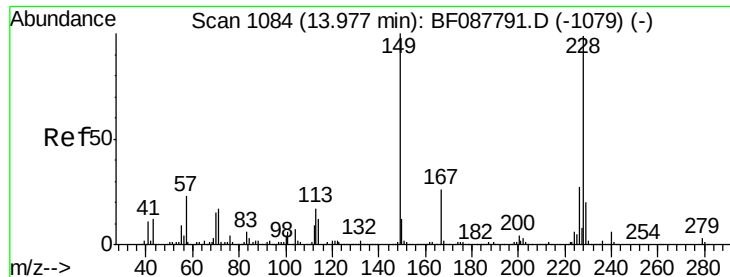
#78
Terphenyl-d14
Concen: 66.67 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF087986.D
Acq: 13 Jun 2016 16:41

Tgt Ion:244 Resp: 648209
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.9 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.84 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF087986.D

Acq: 13 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

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

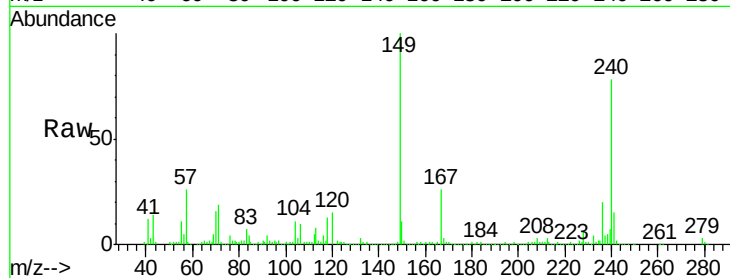
Tot Ion:149 Resp: 192993

Ion Ratio Lower Upper

149 100

167 26.0 20.5 30.7

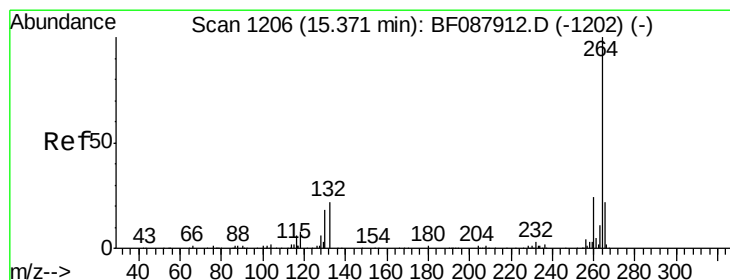
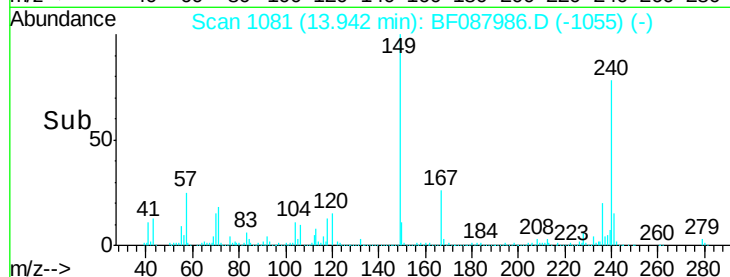
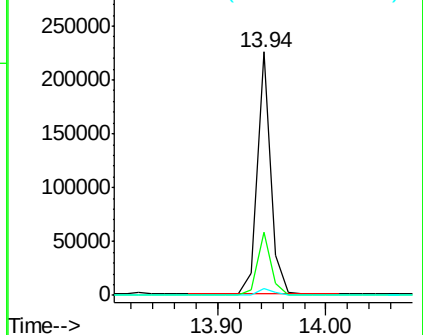
279 2.8 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF087986.D

Acq: 13 Jun 2016 16:41

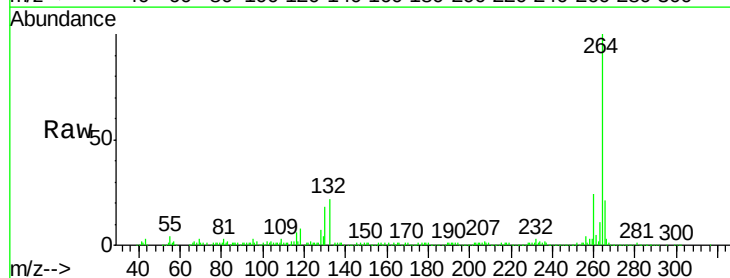
Tgt Ion:264 Resp: 209076

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

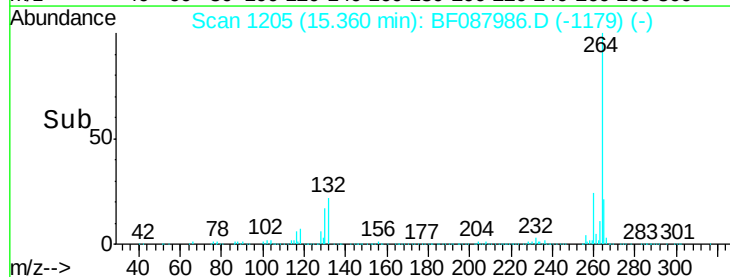
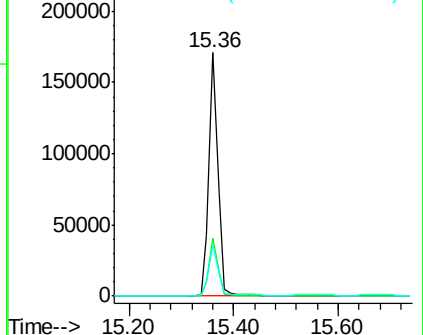
265 21.3 16.9 25.3

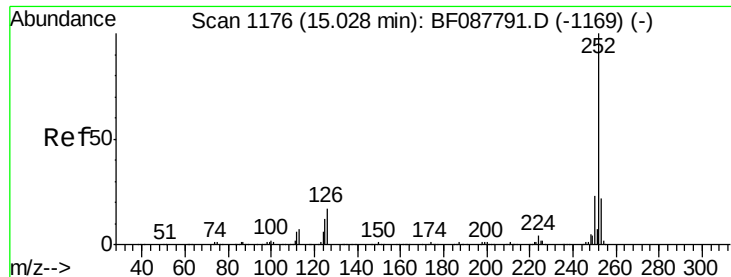


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

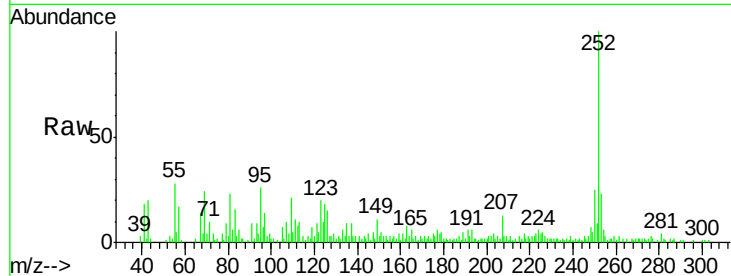




#87
 Benzo(b)fluoranthene
 Concen: 2.40 ng/ml
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF087986.D
 Acq: 13 Jun 2016 16:41

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

Tot Ion: 252 Resp: 34974
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.4 26.2
 125 18.3 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

