

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095312.D
 Acq On : 22 May 2017 14:10
 Operator : SJ/MA
 Sample : I3252-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCC-BUCK-CLAY

Quant Time: May 23 02:39:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

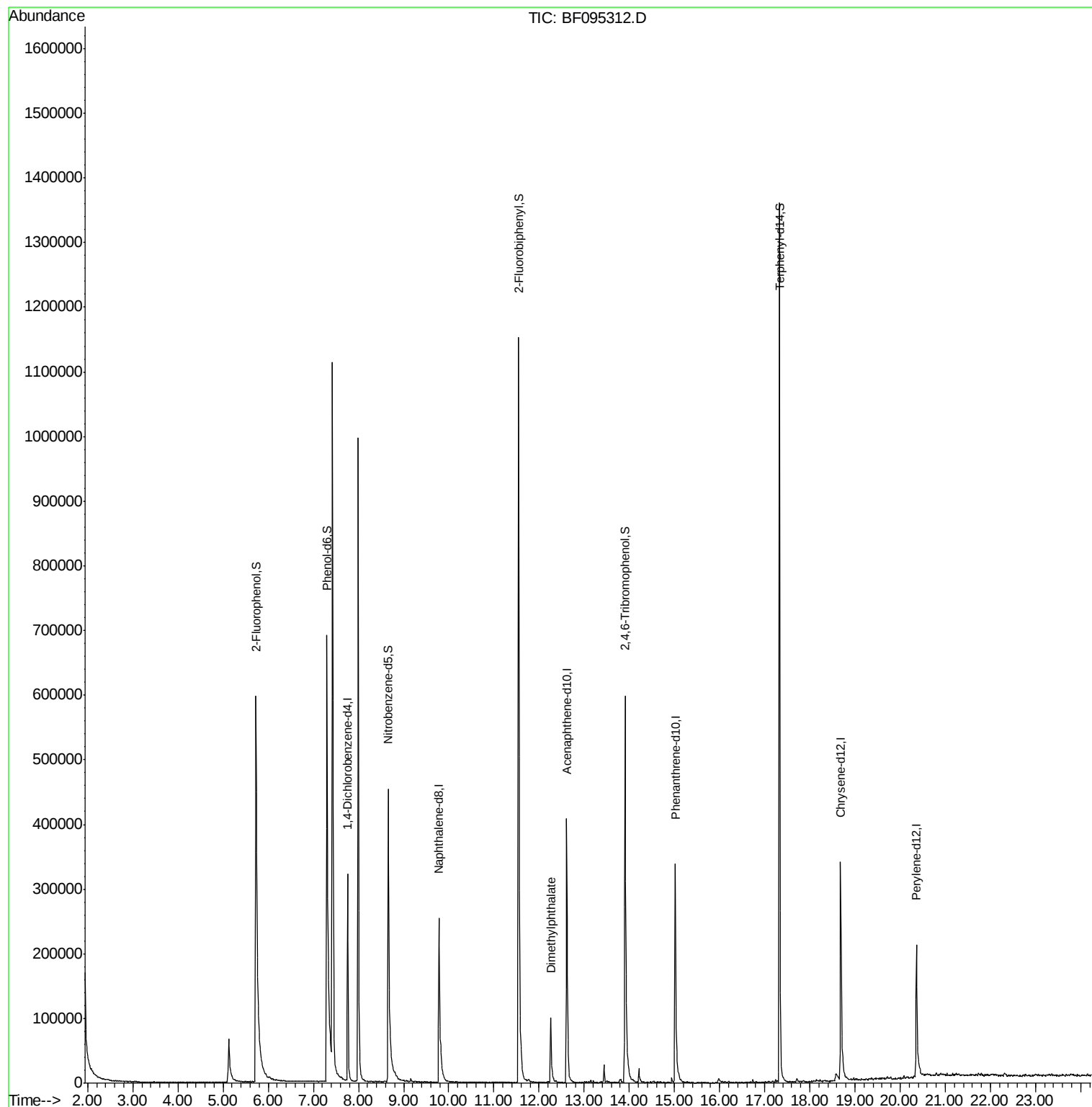
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	76707	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	309673	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	154149	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	285083	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	231619	20.00	ng	-0.01
86) Perylene-d12	20.36	264	145017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	521272	113.30	ng	-0.01
7) Phenol-d6	7.30	99	633027	114.67	ng	-0.02
23) Nitrobenzene-d5	8.66	82	352624	71.80	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	138883	110.01	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	703419	65.68	ng	-0.01
78) Terphenyl-d14	17.33	244	581185	55.27	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.26	163	97921	7.74	ng	Qvalue 99

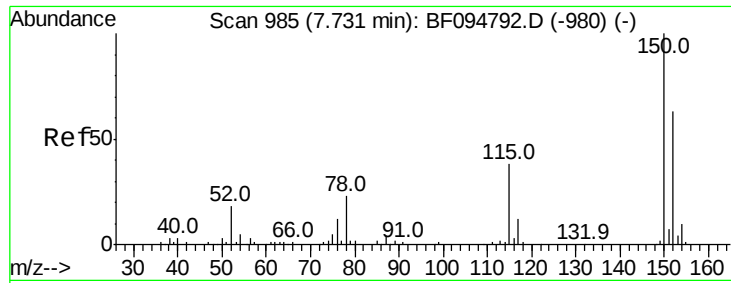
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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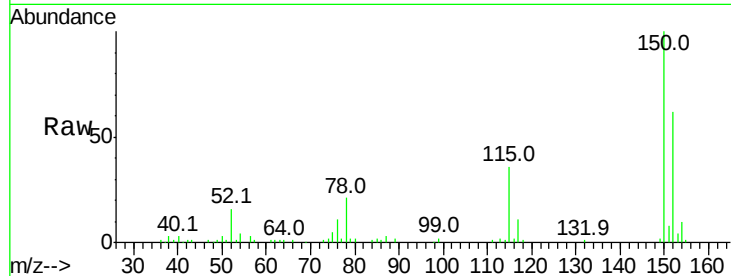


#1

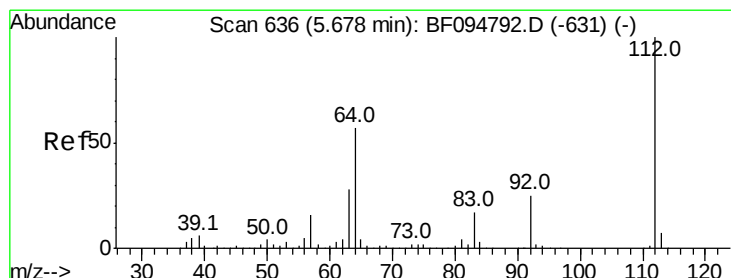
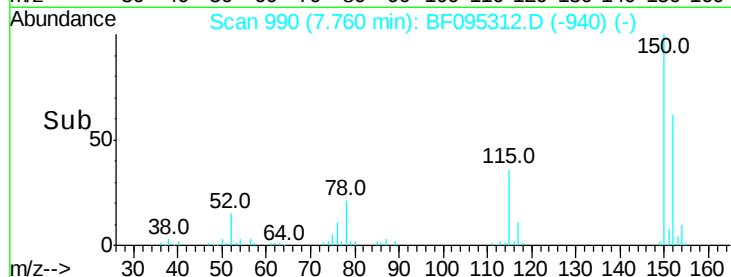
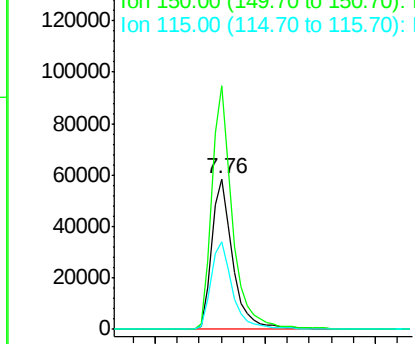
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095312.D
Acq: 22 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :
NCC-BUCK-CLAY

Tot Ion:152 Resp: 76707
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 58.6 52.2 78.2



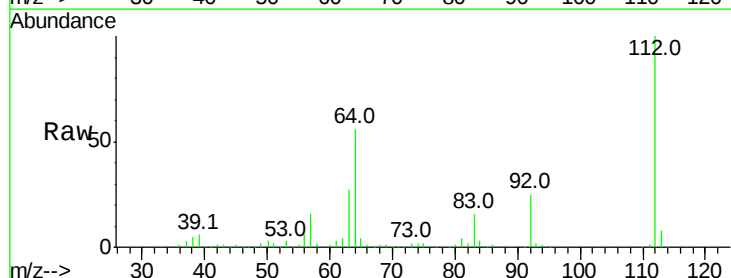
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



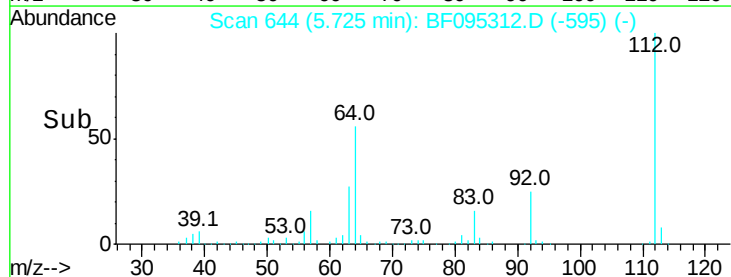
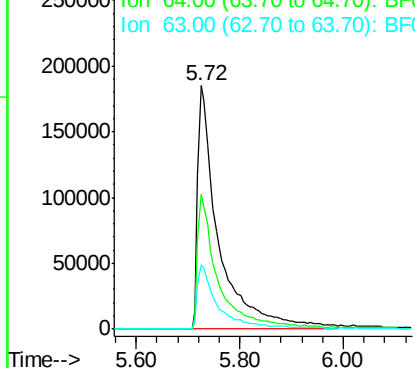
#5

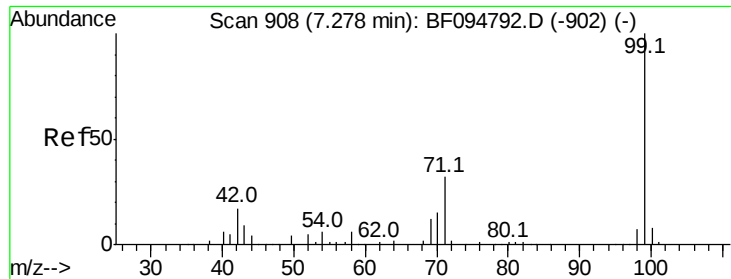
2-Fluorophenol
Concen: 113.30 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095312.D
Acq: 22 May 2017 14:10

Tgt Ion:112 Resp: 521272
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 26.6 23.4 35.0



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: 114.67 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

NCC-BUCK-CLAY

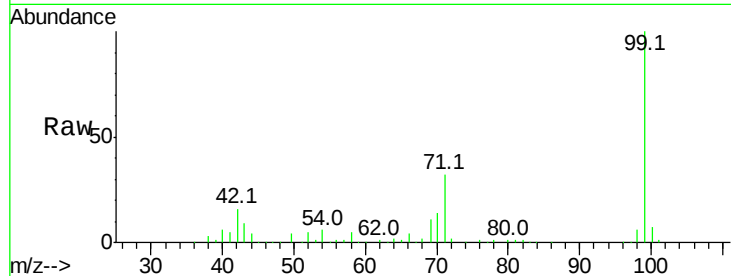
Tot Ion: 99 Resp: 633027

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

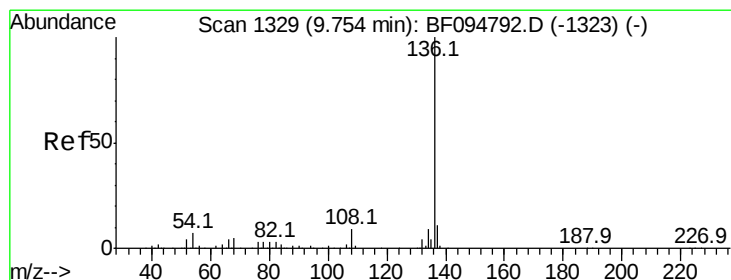
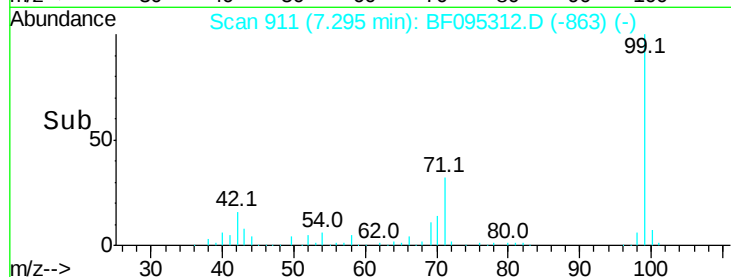
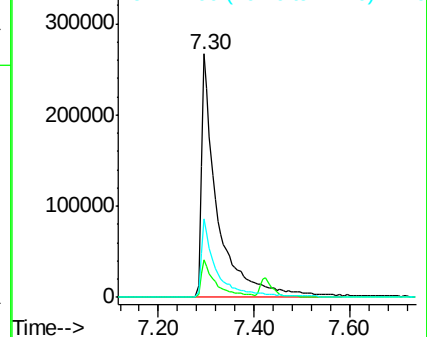
71 32.1 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Tgt Ion: 136 Resp: 309673

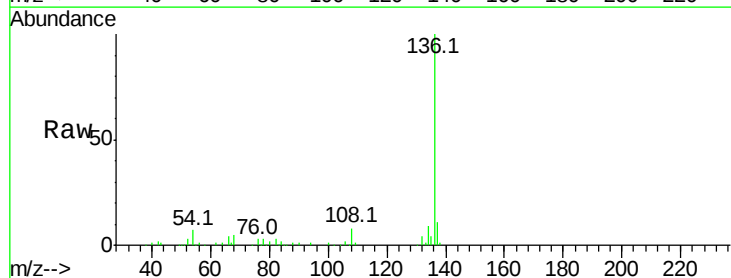
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

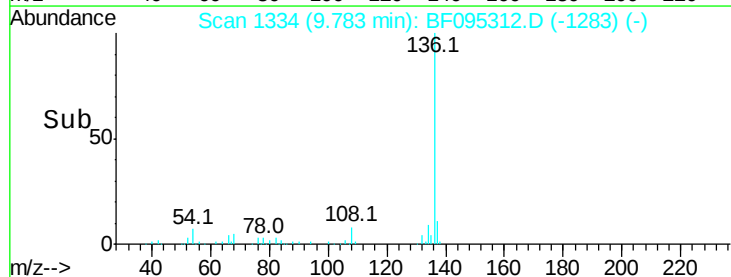
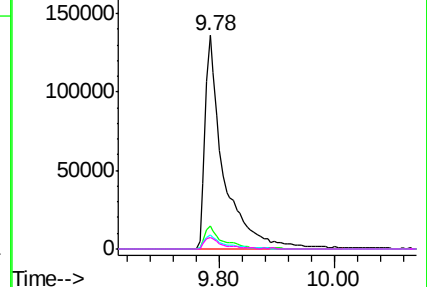


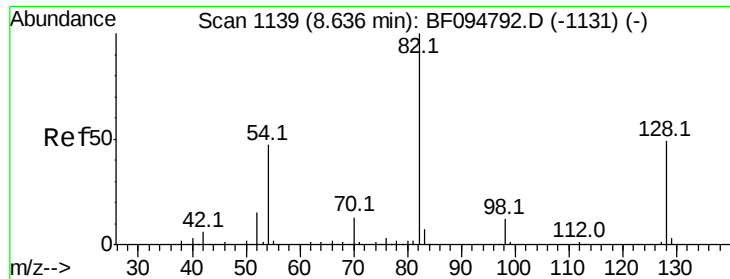
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.80 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

NCC-BUCK-CLAY

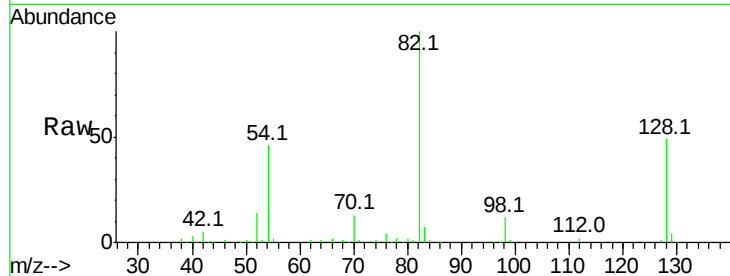
Tot Ion: 82 Resp: 352624

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

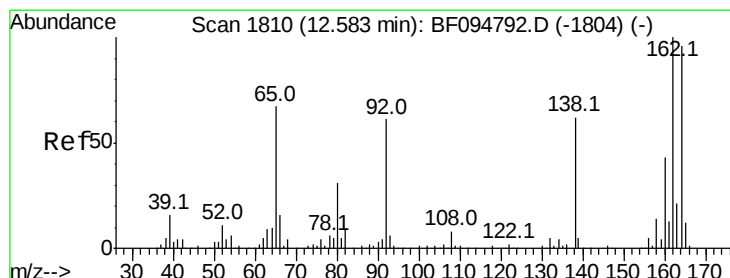
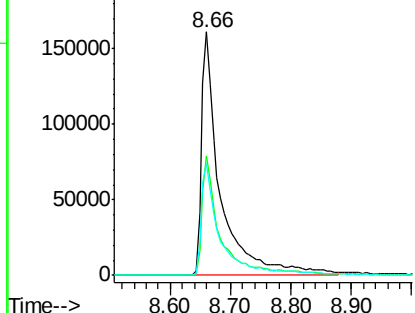
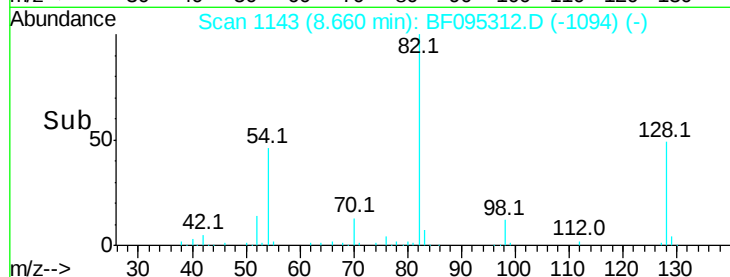
54 45.8 42.2 63.2



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: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

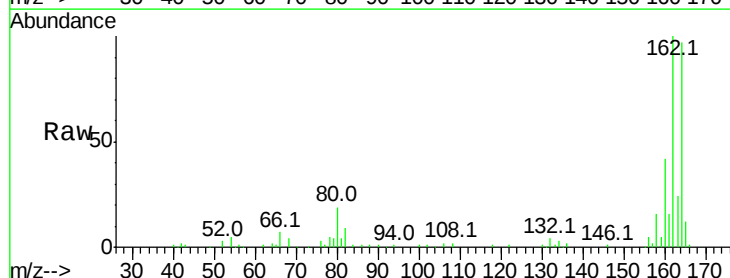
Tgt Ion:164 Resp: 154149

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

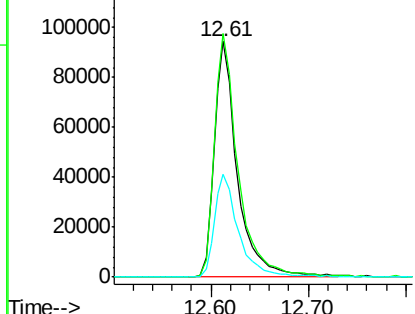
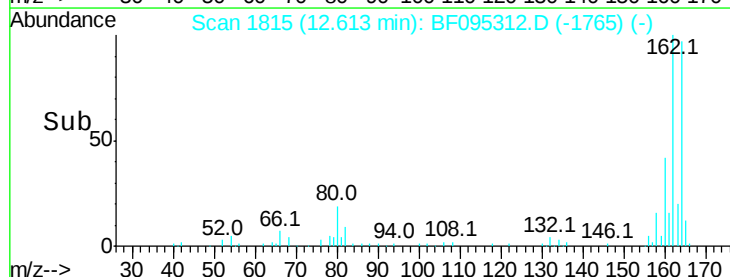
160 43.4 36.2 54.2

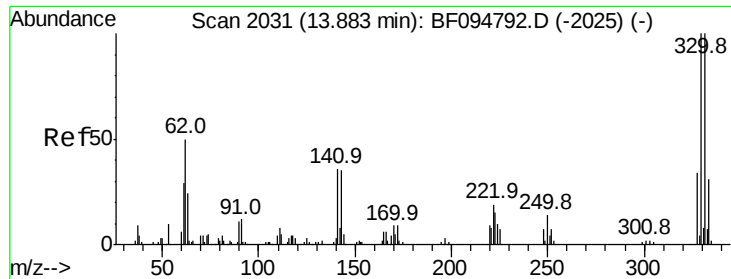


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

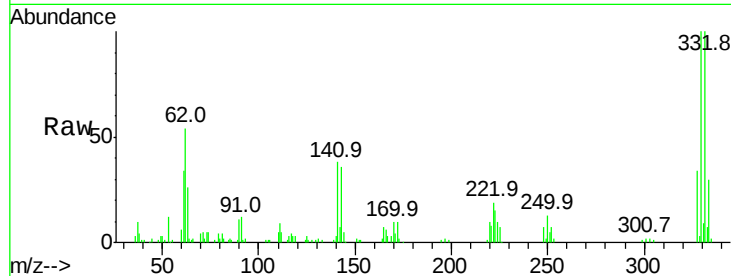




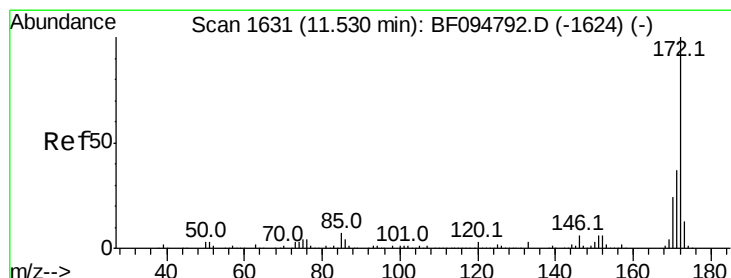
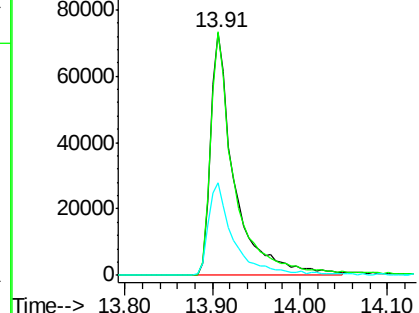
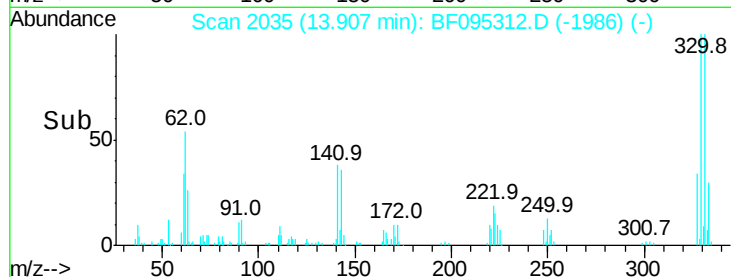
#41
 2,4,6-Tribromophenol
 Concen: 110.01 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 NCC-BUCK-CLAY

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.6	115.0
141	39.0	31.4	47.2

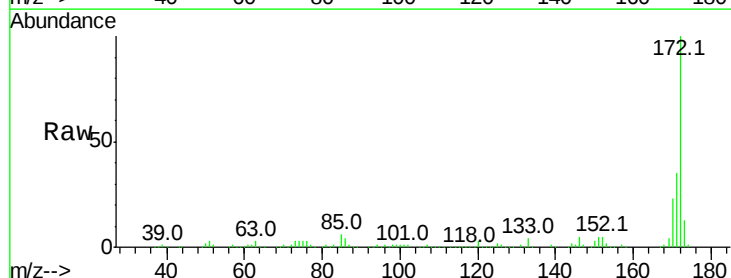


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

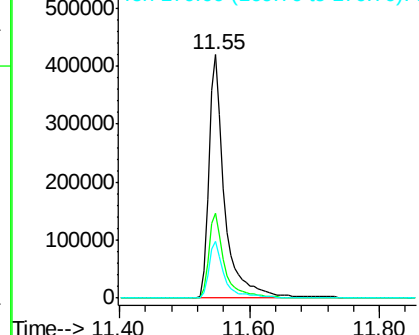
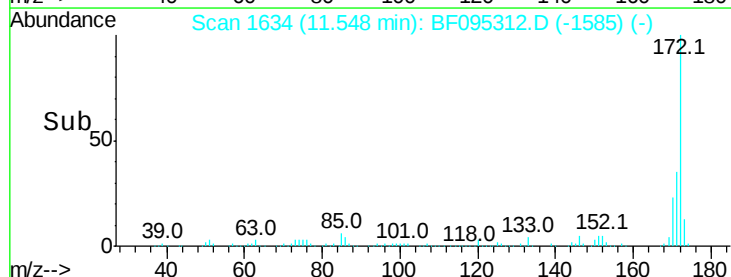


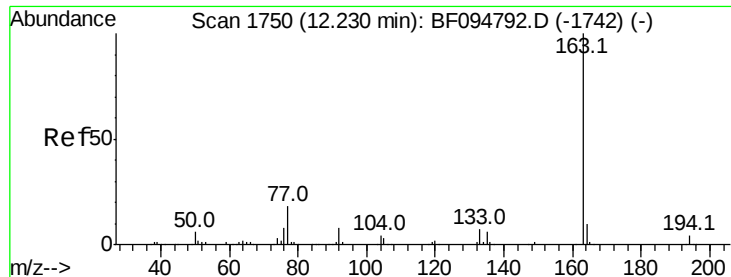
#44
 2-Fluorobiphenyl
 Concen: 65.68 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.1	19.8	29.8



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: 7.74 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

NCC-BUCK-CLAY

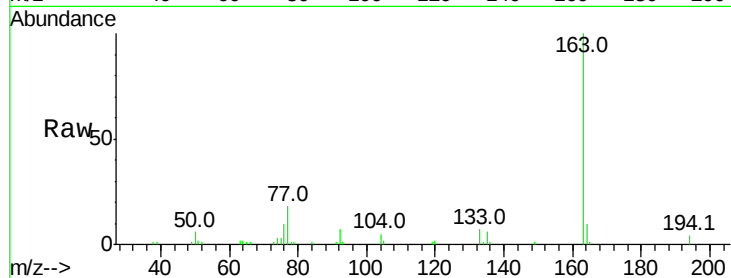
Tot Ion:163 Resp: 97921

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

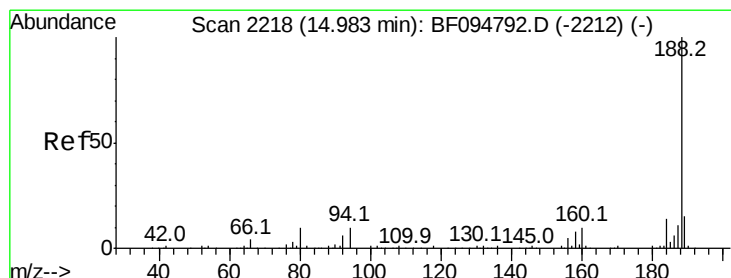
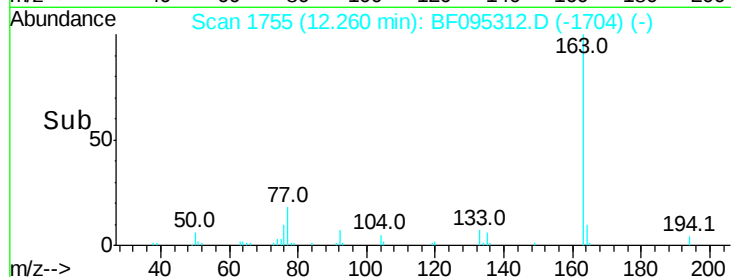
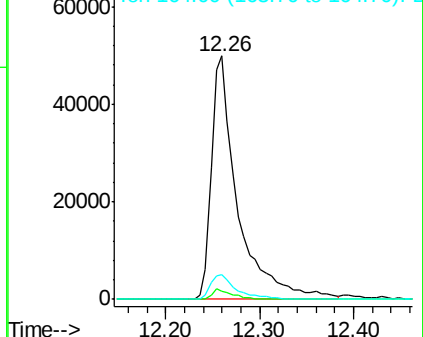
164 10.2 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

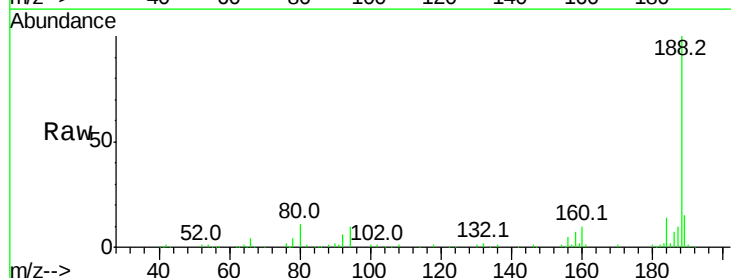
Tgt Ion:188 Resp: 285083

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

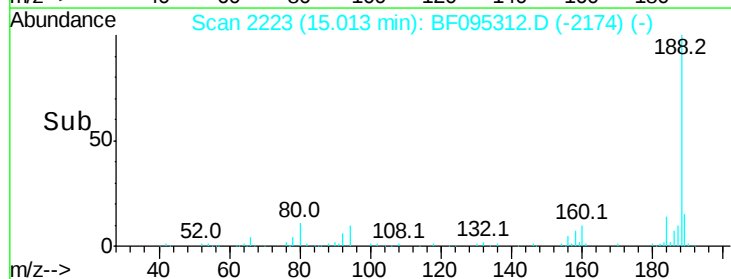
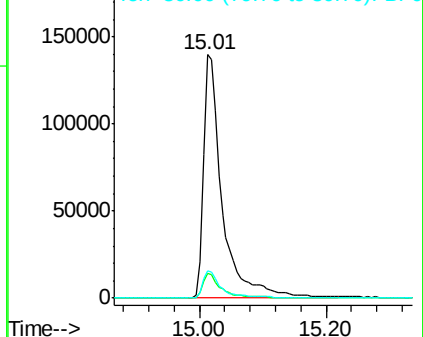
80 11.4 10.2 15.2

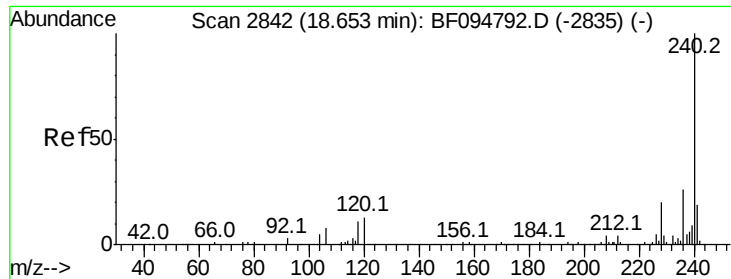


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

NCC-BUCK-CLAY

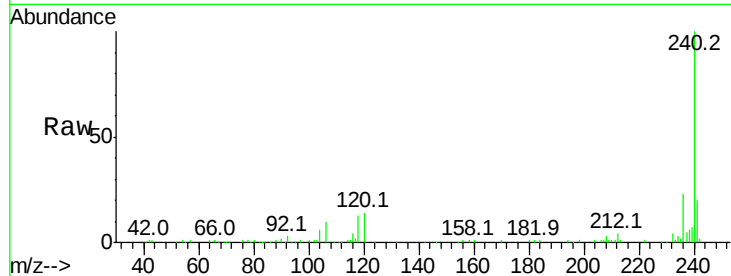
Tot Ion:240 Resp: 231619

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

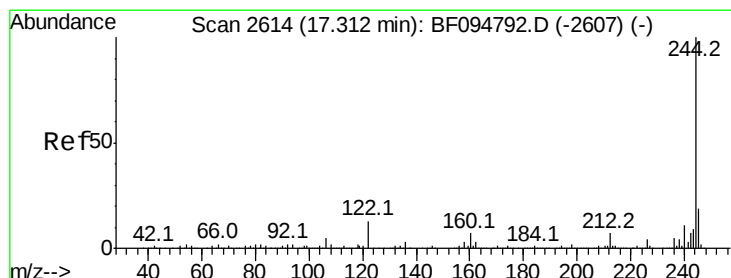
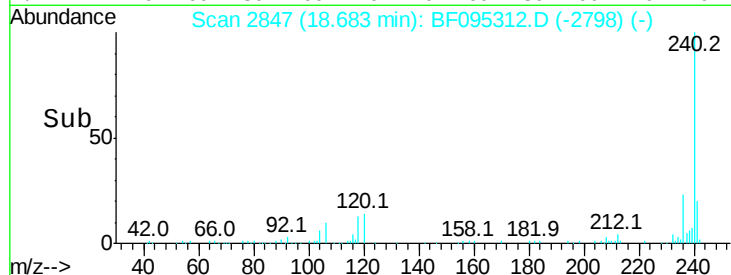
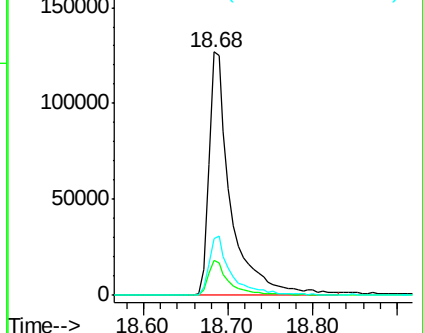
236 23.3 20.5 30.7



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: 55.27 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

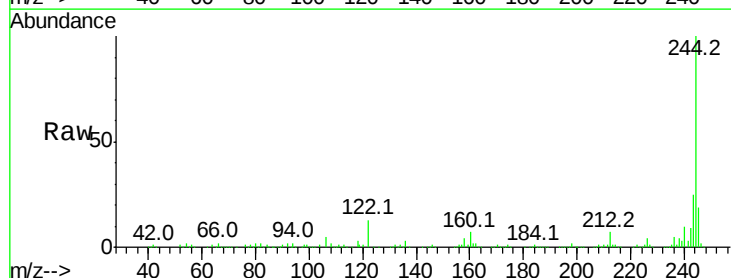
Tgt Ion:244 Resp: 581185

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

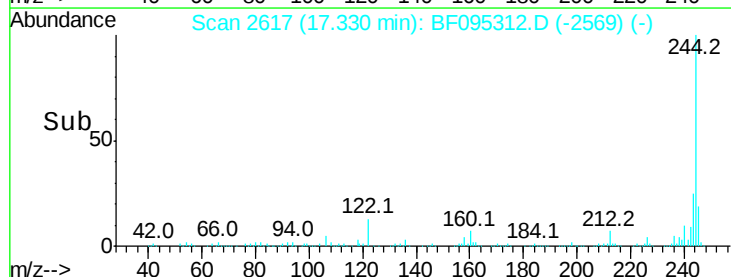
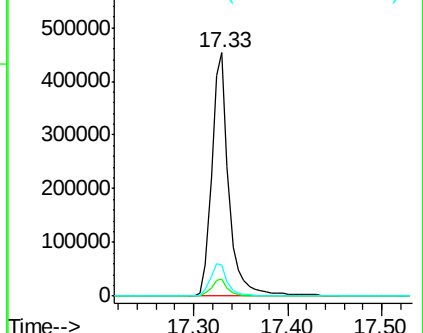
122 12.9 10.3 15.5

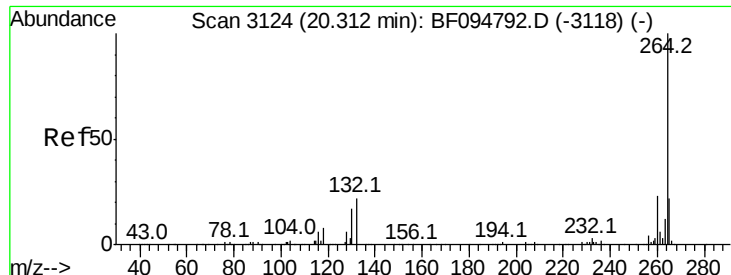


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

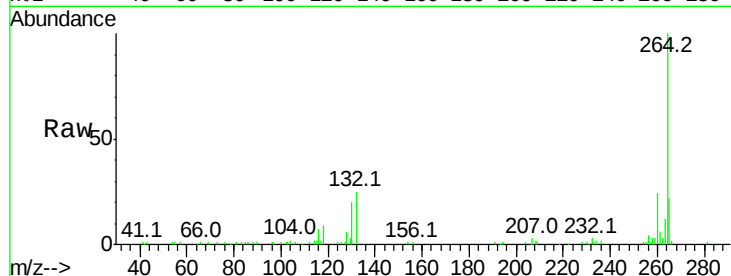




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 NCC-BUCK-CLAY

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.2	25.8



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

