

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095315.D
 Acq On : 22 May 2017 15:46
 Operator : SJ/MA
 Sample : I3157-02
 Misc : Double internal std added
 ALS Vial : 9 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-B

Quant Time: May 23 14:03:45 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

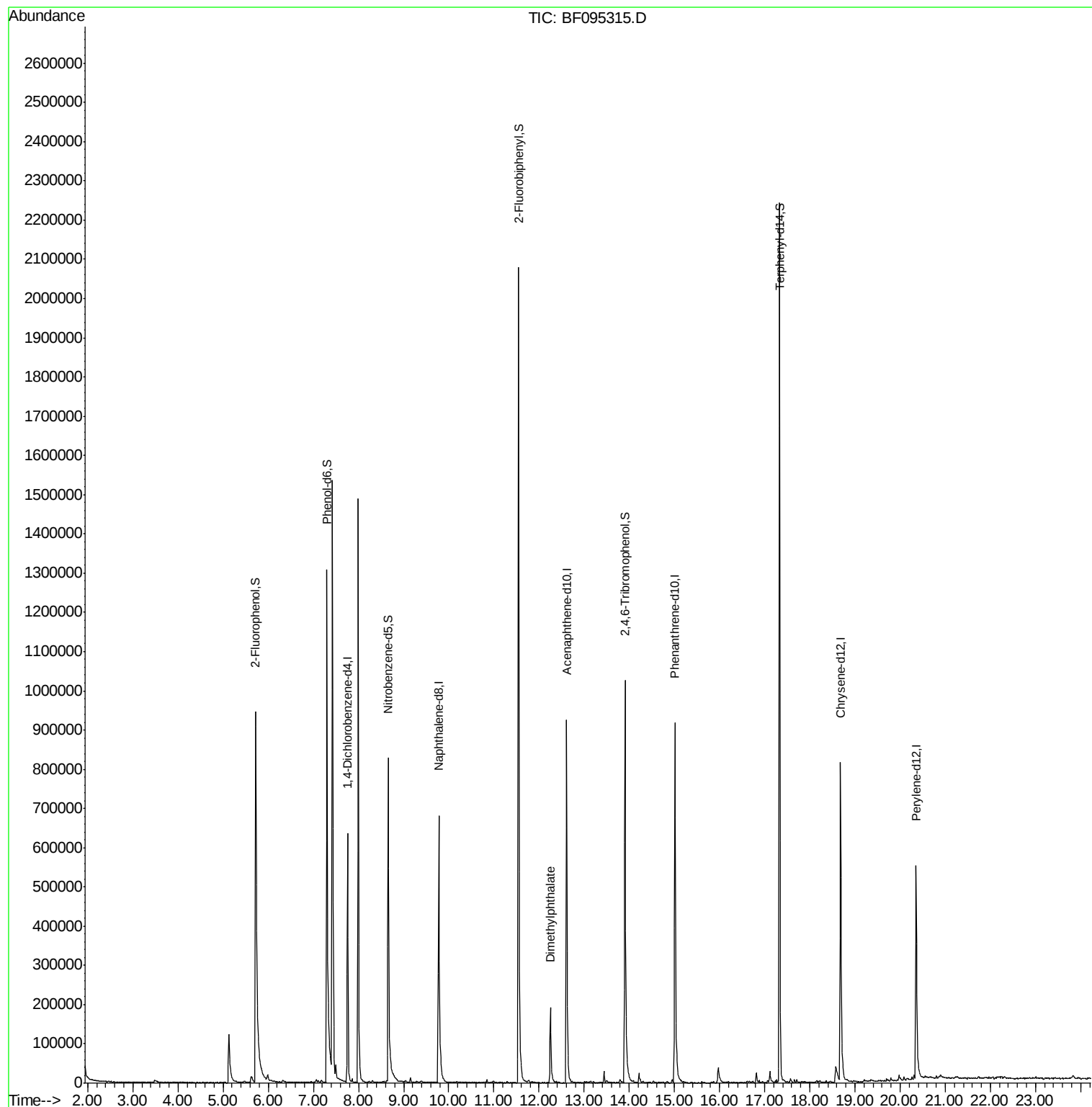
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	146995	40.00	ng	0.00
21) Naphthalene-d8	9.78	136	631784	40.00	ng	0.00
38) Acenaphthene-d10	12.61	164	319647	40.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	600097	40.00	ng	-0.01
75) Chrysene-d12	18.68	240	453948	40.00	ng	-0.01
86) Perylene-d12	20.36	264	328795	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	708262	160.66	ng	-0.02
7) Phenol-d6	7.30	99	890291	168.32	ng	-0.01
23) Nitrobenzene-d5	8.66	82	504390	100.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	214546	163.91	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1096629	98.76	ng	-0.01
78) Terphenyl-d14	17.33	244	955728	92.74	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	20537	3.68	ng	Qvalue # 60
49) Dimethylphthalate	12.25	163	161293	12.29	ng	98

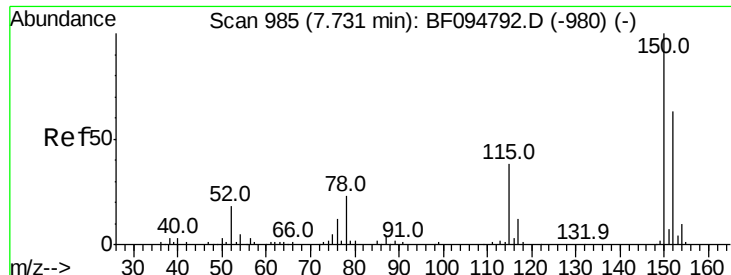
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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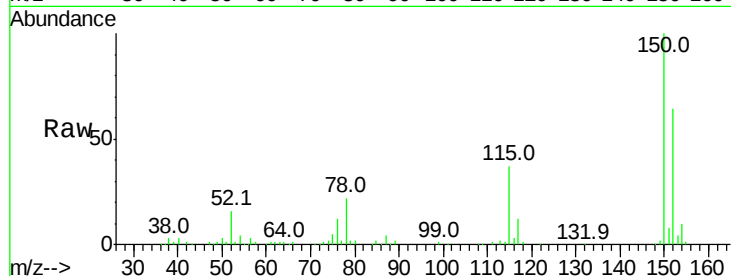


#1

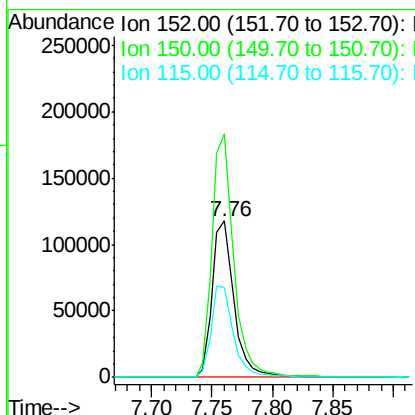
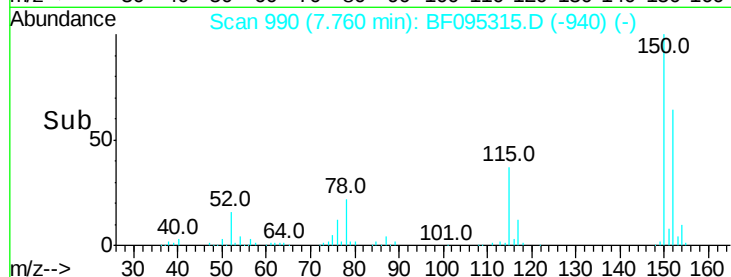
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

Instrument :
BNA_F
ClientSampled :
SOUTH-B

Tot Ion:152 Resp: 146995
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 57.8 52.2 78.2



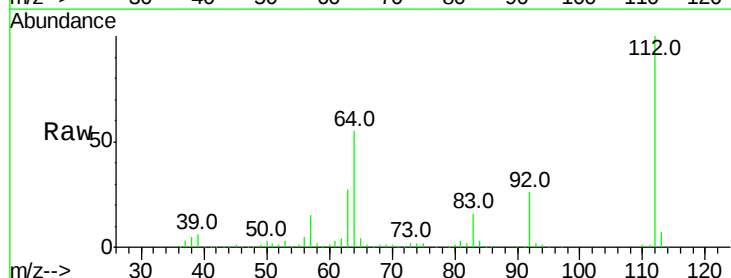
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



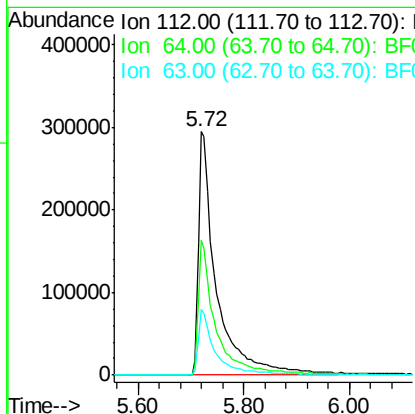
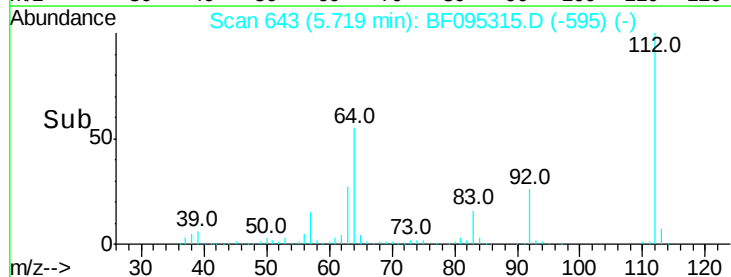
#5

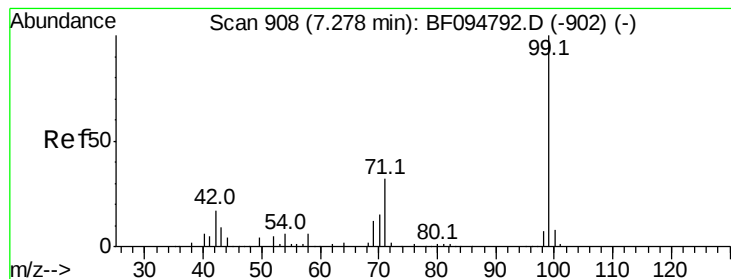
2-Fluorophenol
Concen: 160.66 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

Tgt Ion:112 Resp: 708262
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 26.9 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: 168.32 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

Instrument :

BNA_F

ClientSampleId :

SOUTH-B

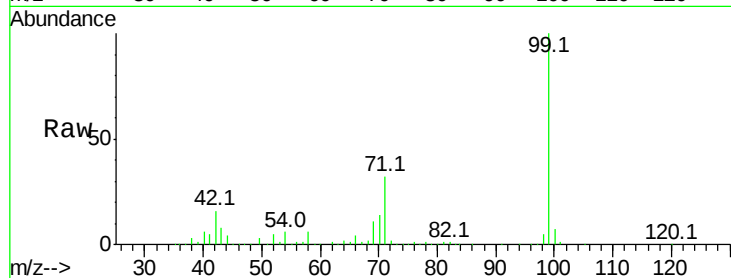
Tot Ion: 99 Resp: 890291

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

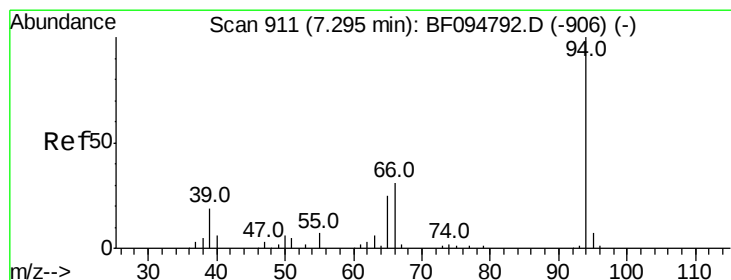
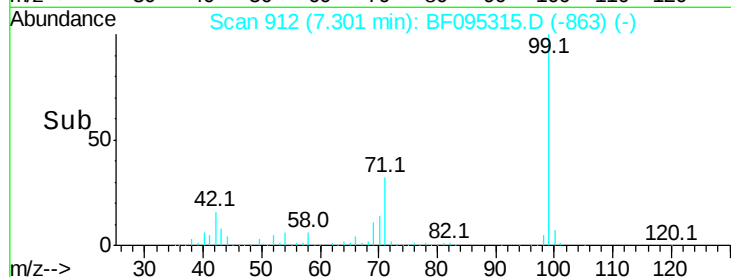
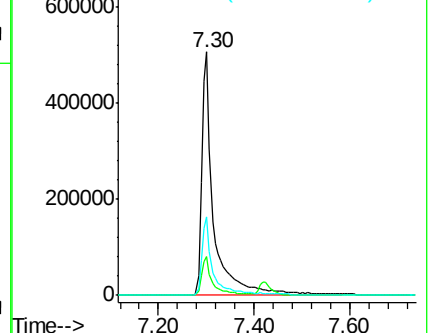
71 32.4 24.5 36.7



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



#10

Phenol

Concen: 3.68 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

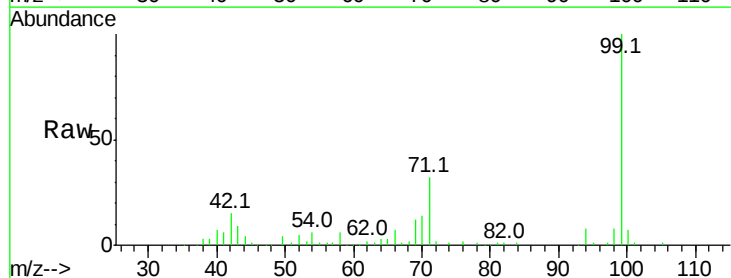
Tgt Ion: 94 Resp: 20537

Ion Ratio Lower Upper

94 100

65 32.9 9.9 49.9

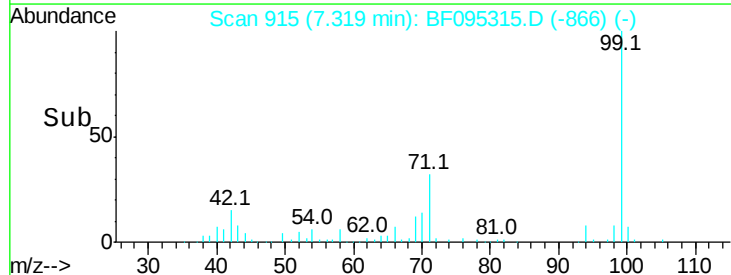
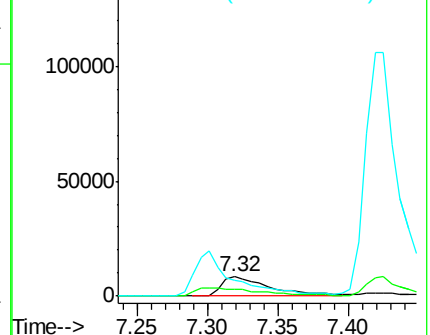
66 83.7 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

Instrument :

BNA_F

ClientSampleId :

SOUTH-B

Tot Ion:136 Resp: 631784

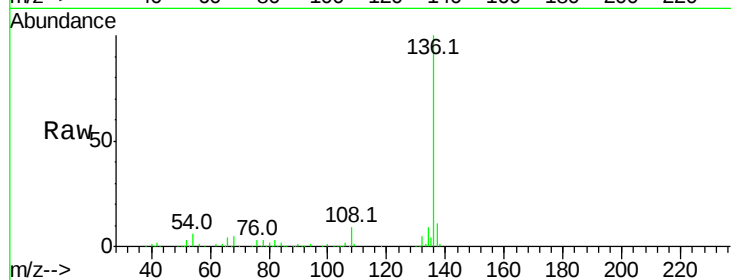
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.4 4.9 7.3

68 5.1 4.1 6.1

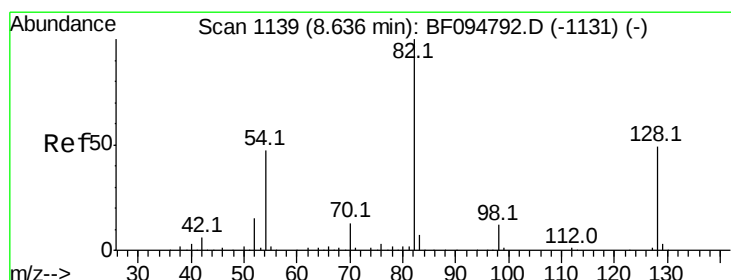
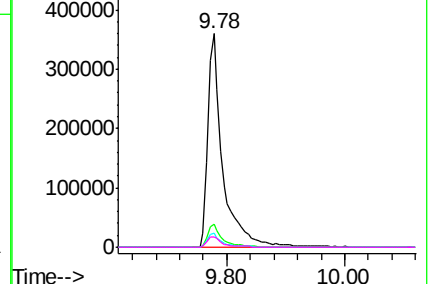
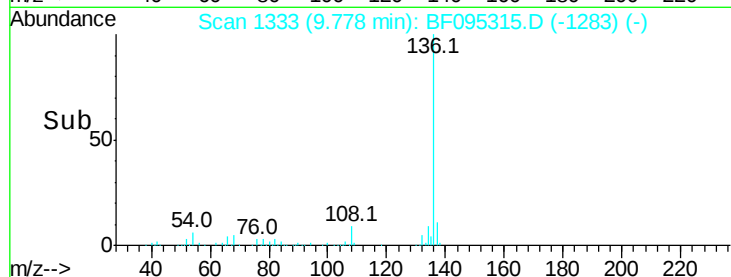


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.69 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

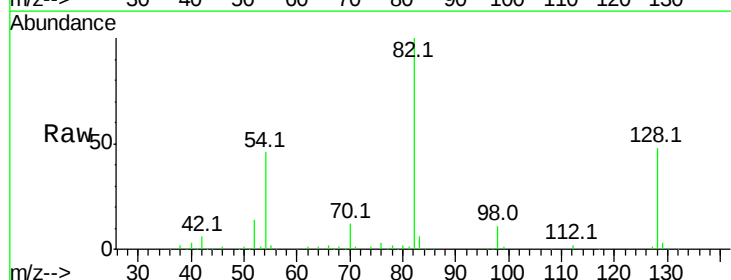
Tgt Ion: 82 Resp: 504390

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

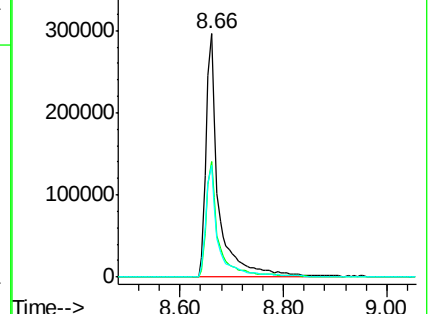
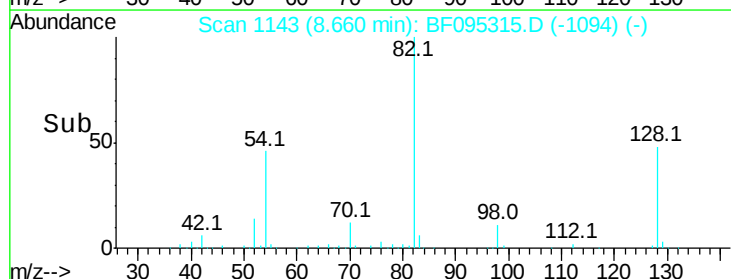
54 45.9 42.2 63.2



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: 40.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

Instrument :

BNA_F

ClientSampled :

SOUTH-B

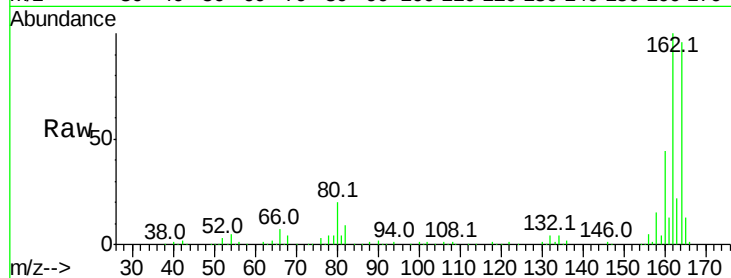
Tot Ion:164 Resp: 319647

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

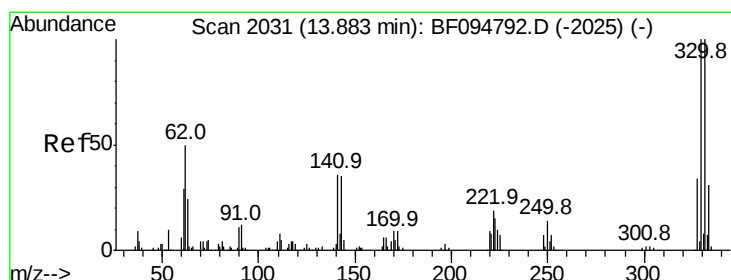
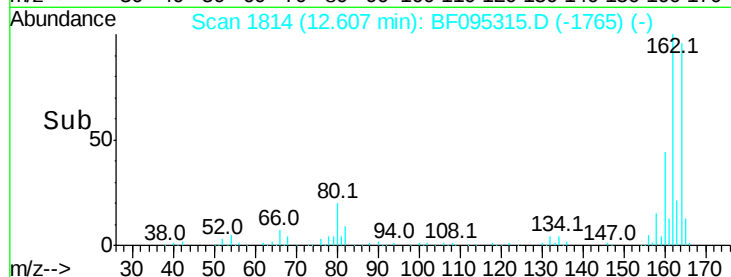
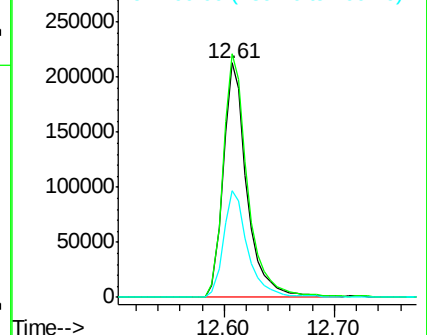
160 45.3 36.2 54.2



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: 163.91 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

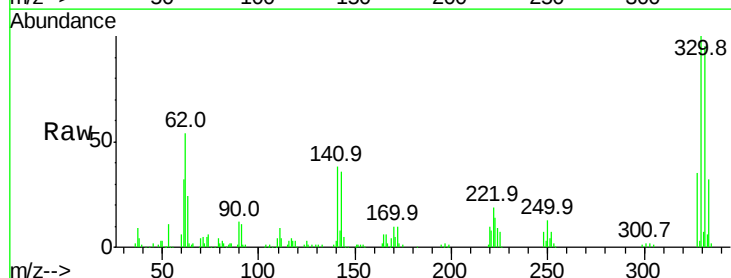
Tgt Ion:330 Resp: 214546

Ion Ratio Lower Upper

330 100

332 94.0 76.6 115.0

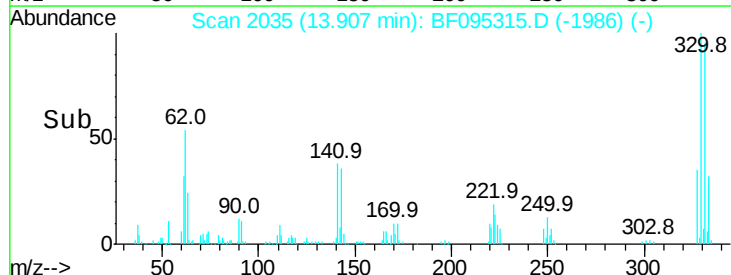
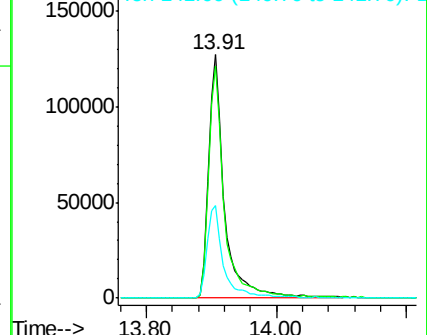
141 38.9 31.4 47.2

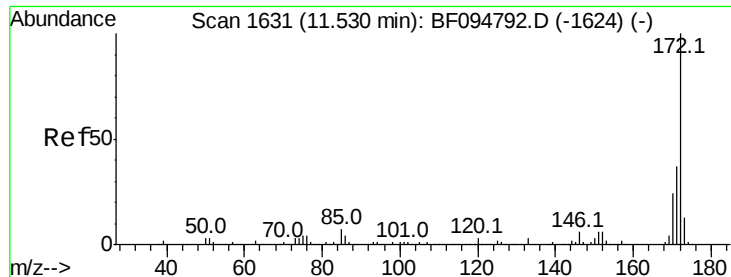


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

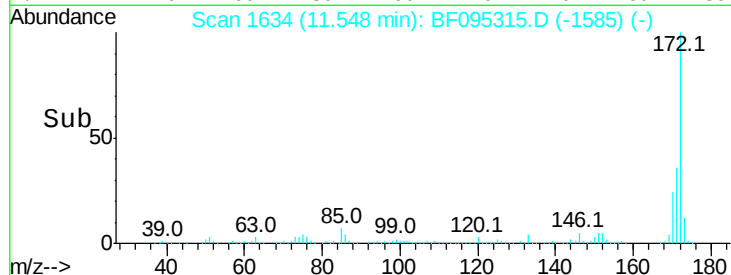
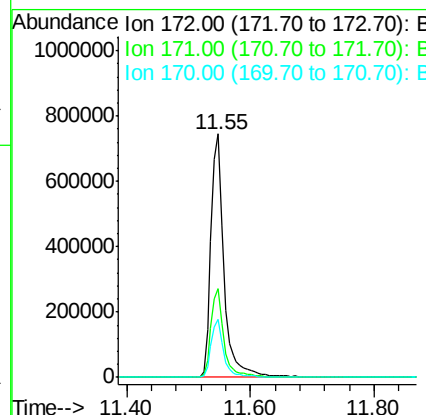
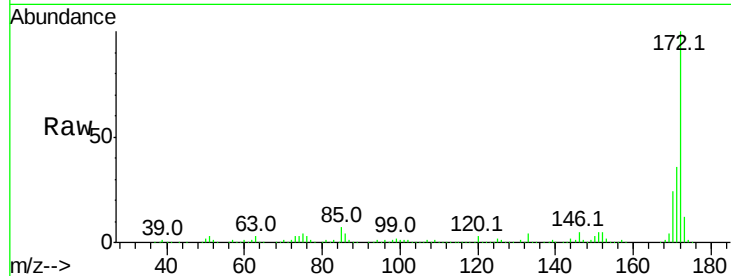




#44
2-Fluorobiphenyl
Concen: 98.76 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

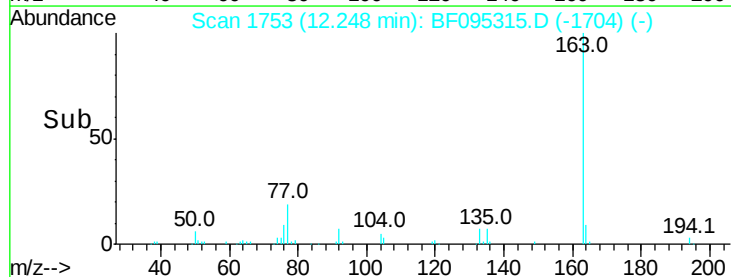
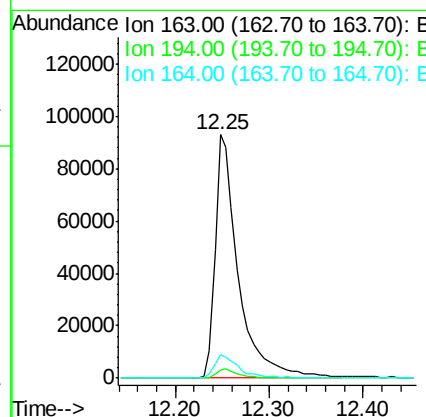
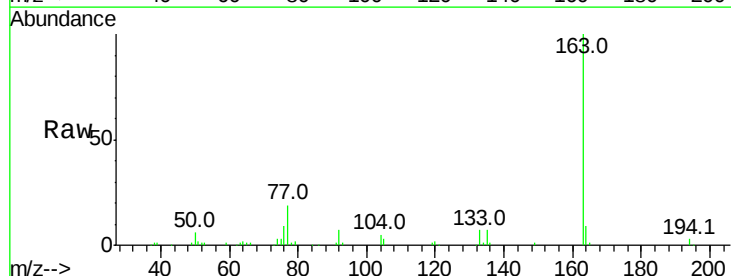
Instrument :
BNA_F
ClientSampleId :
SOUTH-B

Tot Ion:172 Resp: 1096629
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 12.29 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

Tgt Ion:163 Resp: 161293
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.5 8.4 12.6

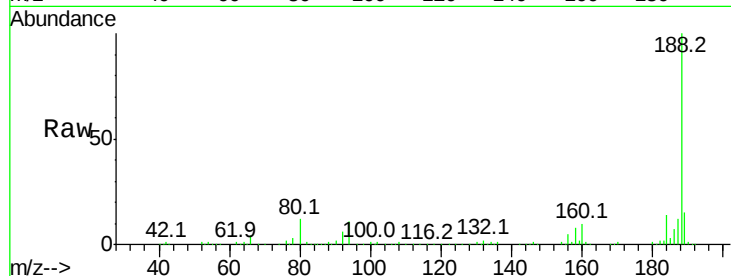




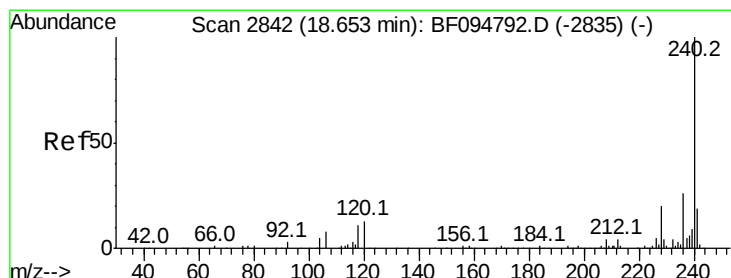
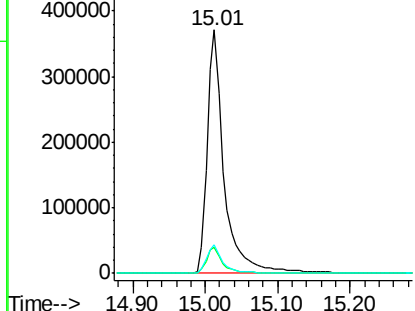
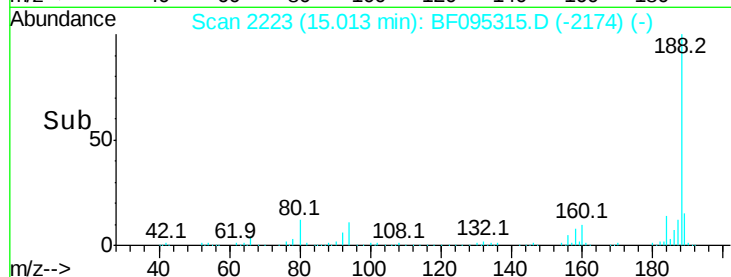
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

Instrument :
BNA_F
ClientSampled :
SOUTH-B

Tot Ion:188 Resp: 600097
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.2 15.2

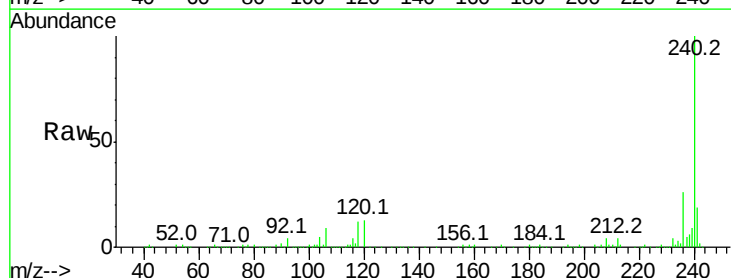


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

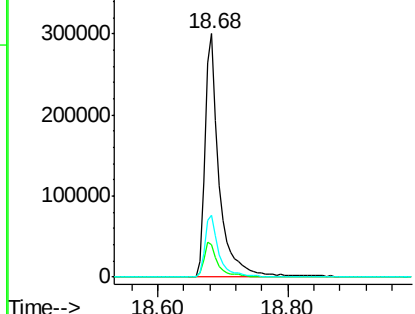
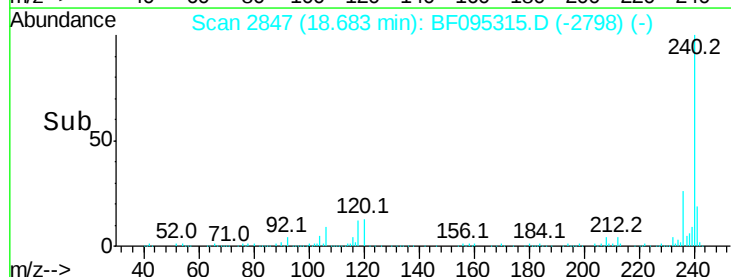


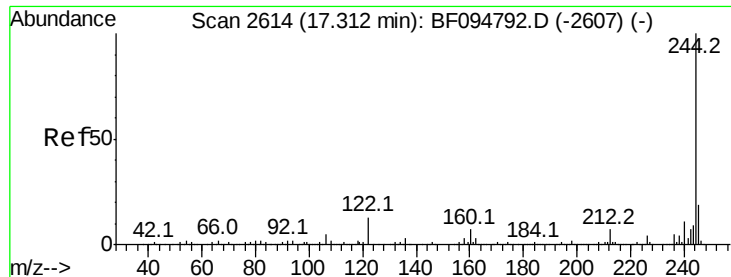
#75
Chrysene-d12
Concen: 40.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

Tgt Ion:240 Resp: 453948
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 25.5 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: 92.74 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

Instrument :

BNA_F

ClientSampleId :

SOUTH-B

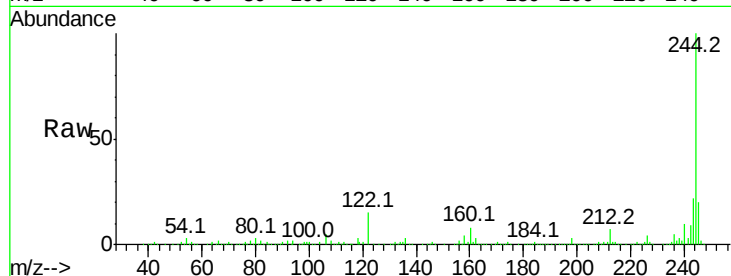
Tot Ion:244 Resp: 955728

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

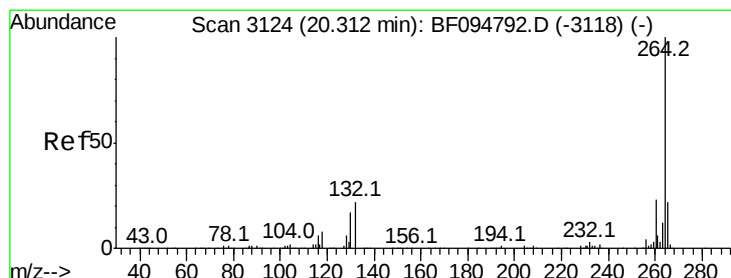
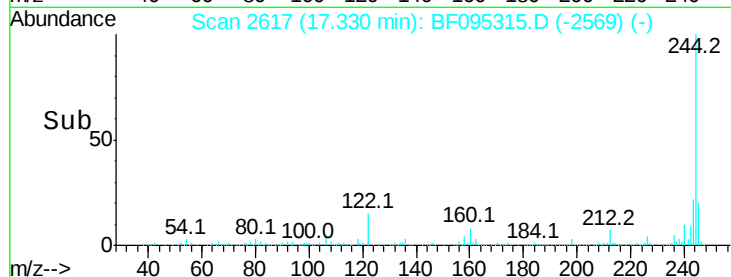
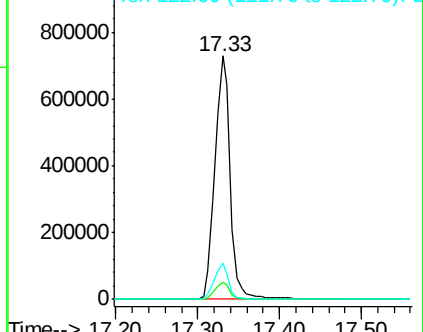
122 14.9 10.3 15.5



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

Perylene-d12

Concen: 40.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

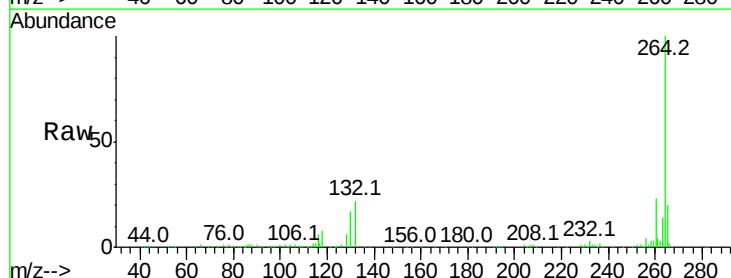
Tgt Ion:264 Resp: 328795

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.5 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

