

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095331.D
 Acq On : 23 May 2017 2:26
 Operator : SJ/MA
 Sample : I3278-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2669

Quant Time: May 23 05:10:16 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	7.77	152	85318	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	355228	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	150415	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	188182	20.00	ng	0.00
75) Chrysene-d12	18.69	240	167070	20.00	ng	0.00
86) Perylene-d12	20.37	264	135903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	745948	145.77	ng	0.00
7) Phenol-d6	7.31	99	799872	130.27	ng	0.00
23) Nitrobenzene-d5	8.66	82	481871	85.54	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	154134	125.12	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1068177	102.22	ng	-0.01
78) Terphenyl-d14	17.33	244	647246	85.33	ng	-0.02

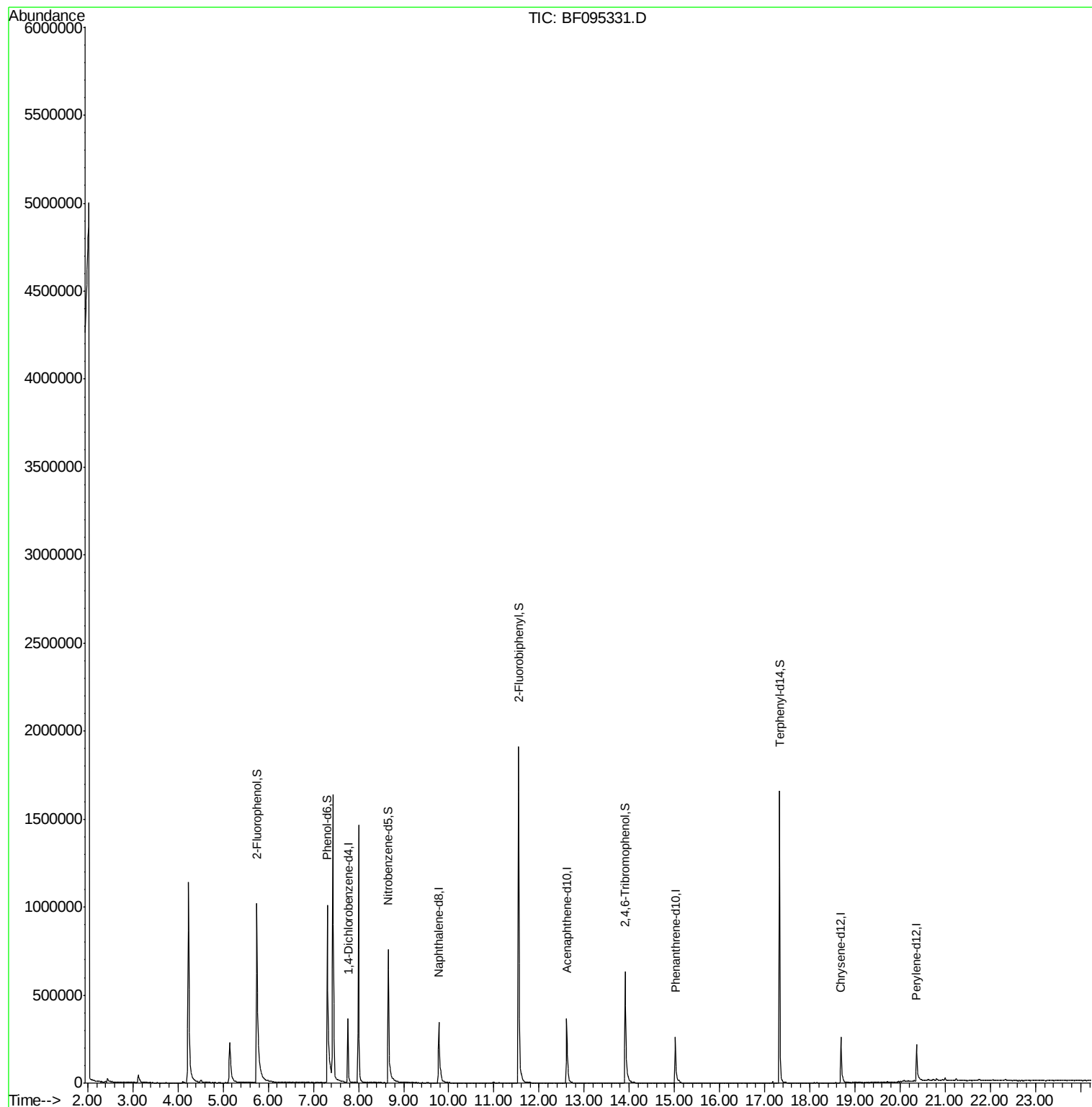
Target Compounds Qvalue

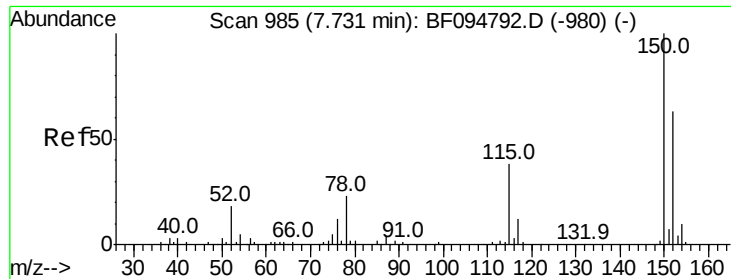
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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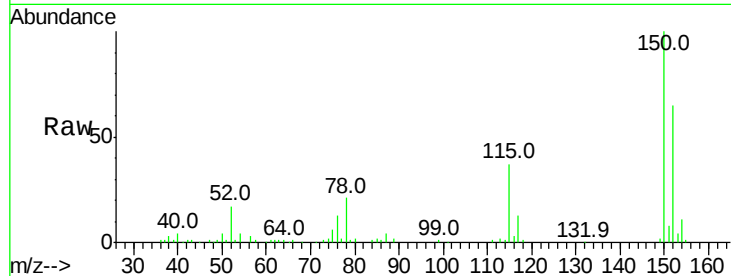


#1

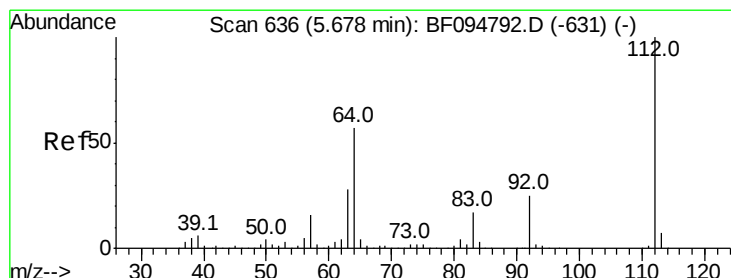
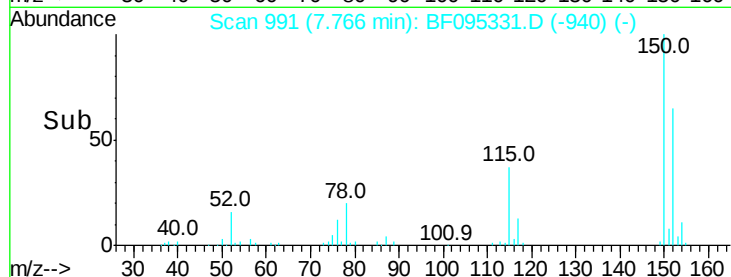
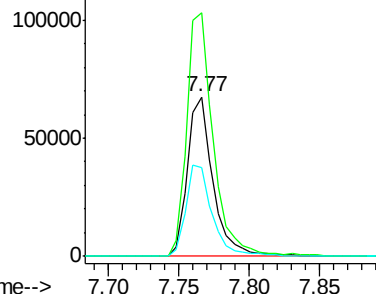
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095331.D
Acq: 23 May 2017 2:26

Instrument :
BNA_F
ClientSampled :
RT-2669

Tot Ion:152 Resp: 85318
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 56.1 52.2 78.2



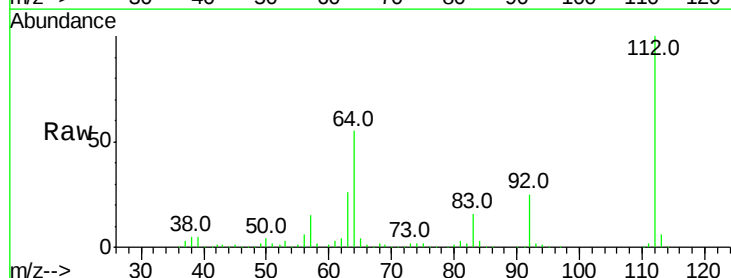
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



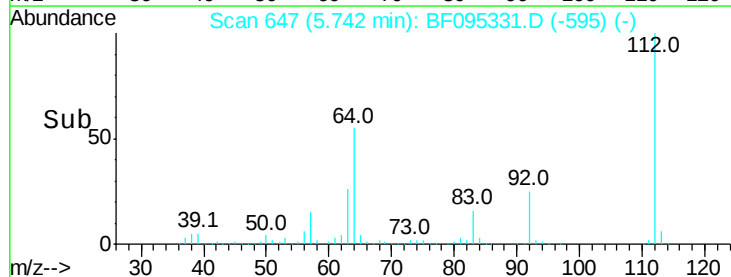
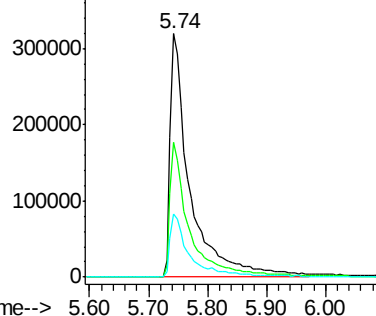
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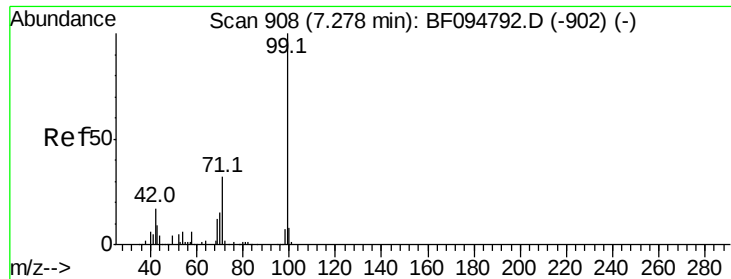
2-Fluorophenol
Concen: 145.77 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095331.D
Acq: 23 May 2017 2:26

Tgt Ion:112 Resp: 745948
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 25.8 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: 130.27 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

RT-2669

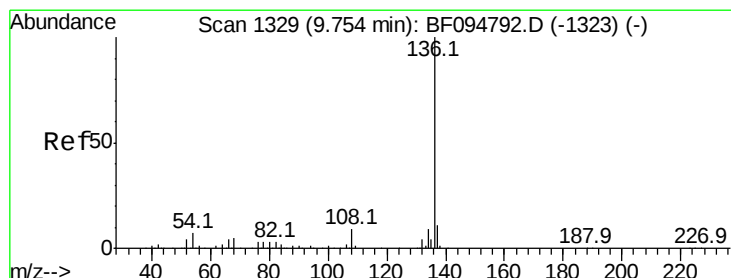
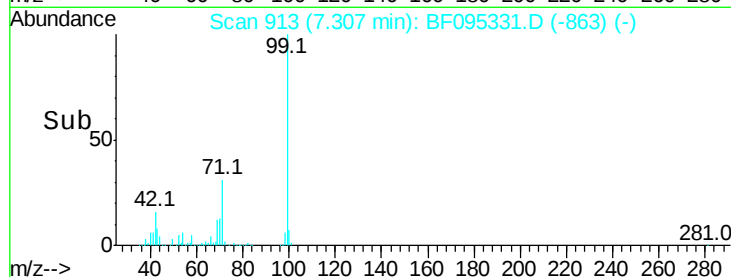
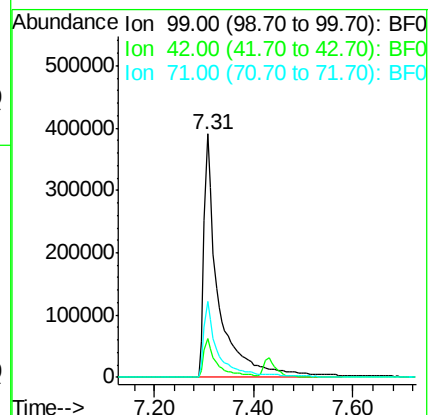
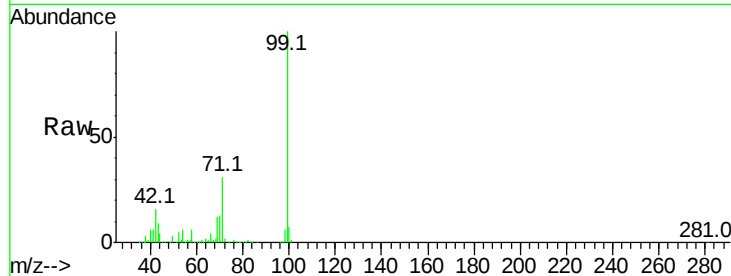
Tot Ion: 99 Resp: 799872

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 31.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Tgt Ion: 136 Resp: 355228

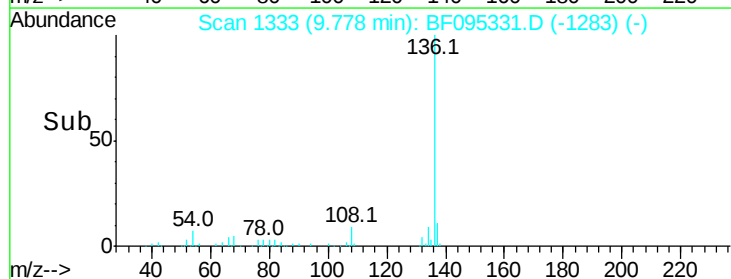
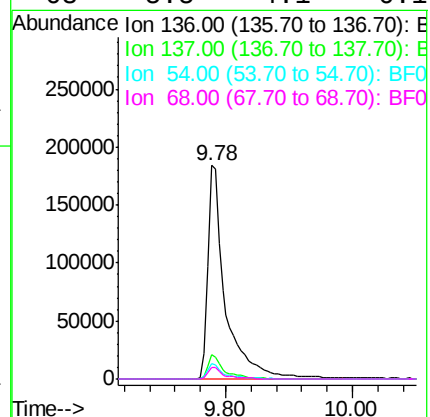
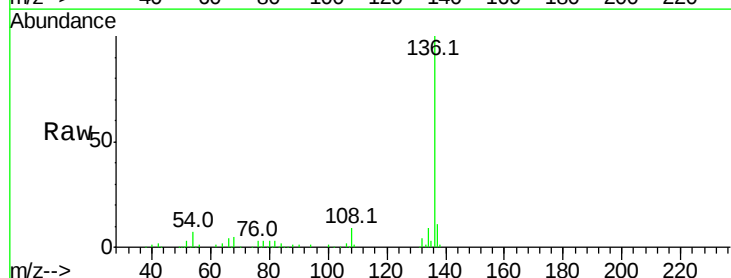
Ion Ratio Lower Upper

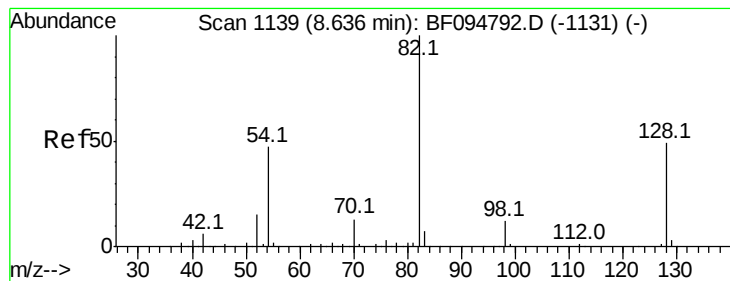
136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3

68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.54 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

RT-2669

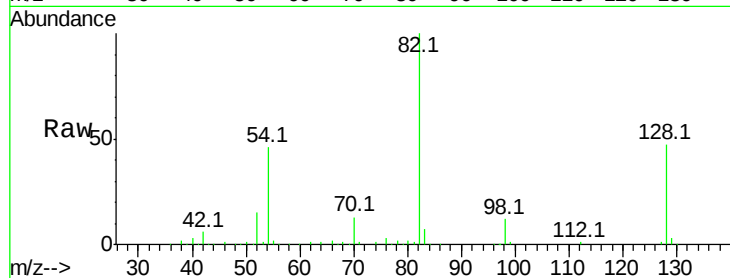
Tot Ion: 82 Resp: 481871

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

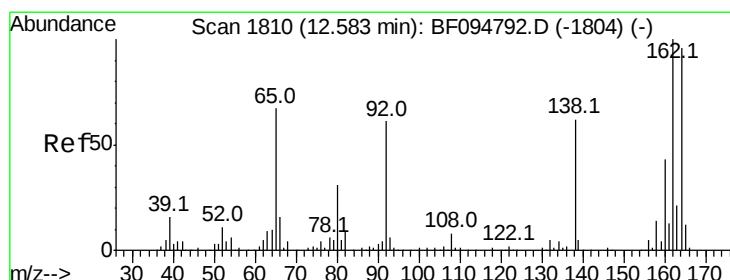
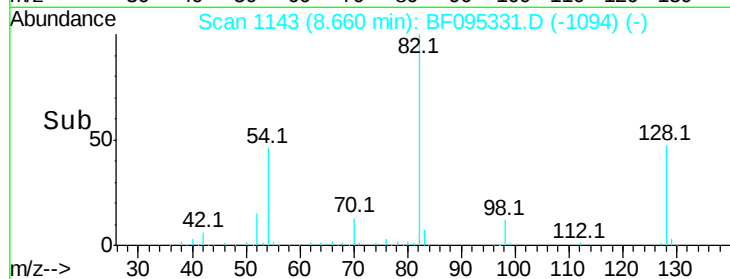
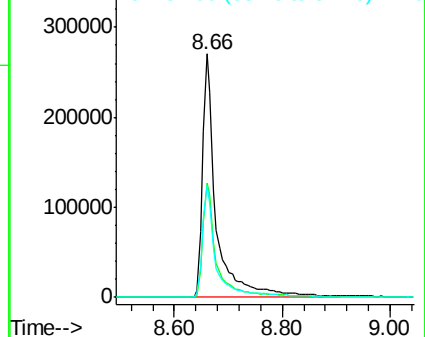
54 46.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF095331.D

Acq: 23 May 2017 2:26

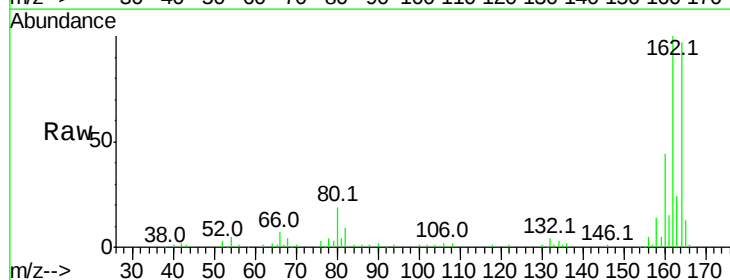
Tgt Ion:164 Resp: 150415

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

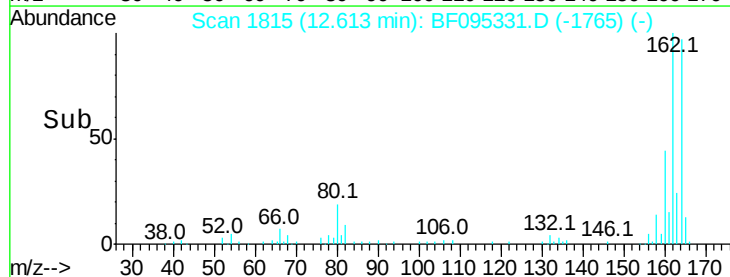
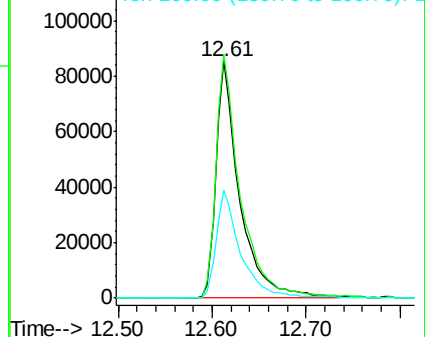
160 45.5 36.2 54.2

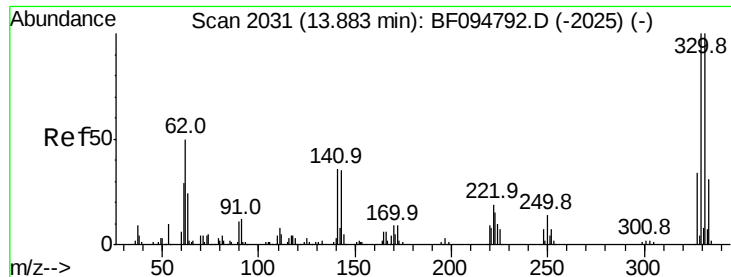


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

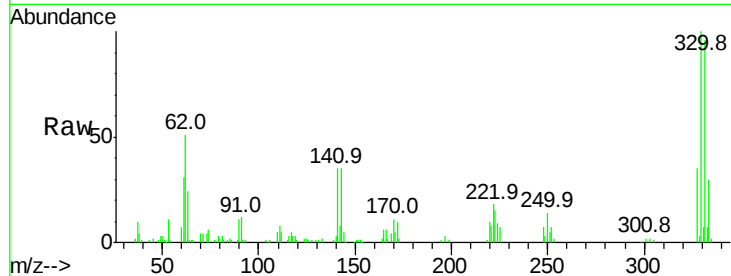




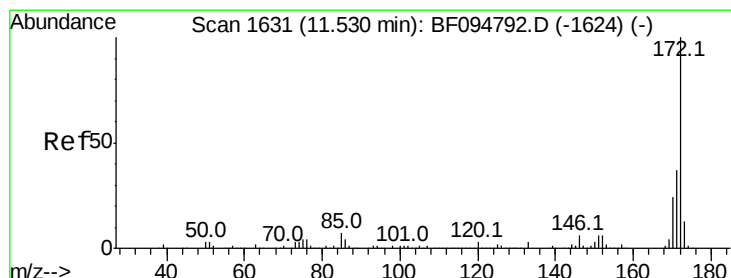
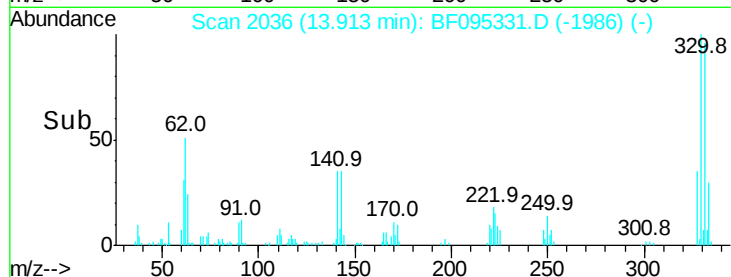
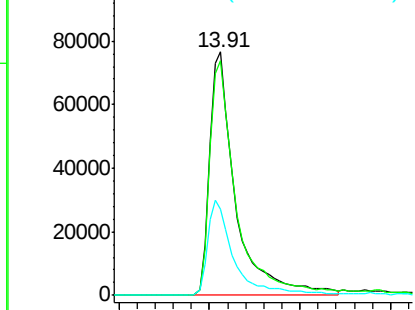
#41
 2,4,6-Tribromophenol
 Concen: 125.12 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 RT-2669

Tot Ion:330 Resp: 154134
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 39.9 31.4 47.2

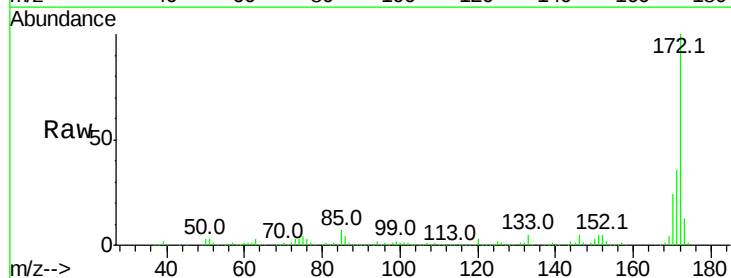


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

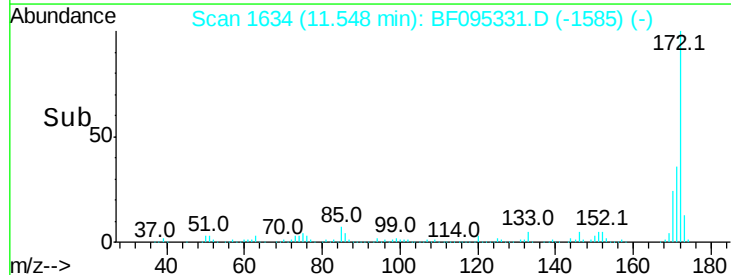
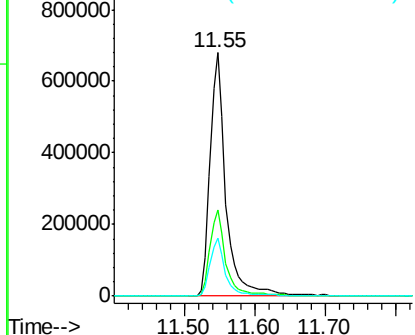


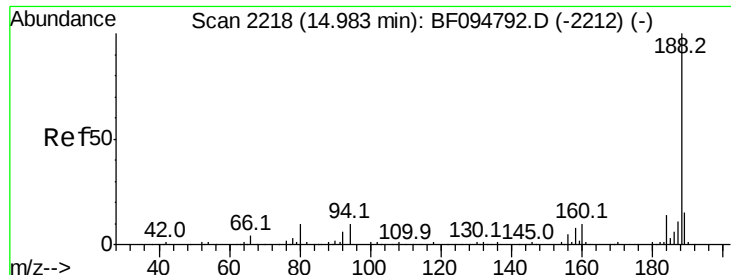
#44
 2-Fluorobiphenyl
 Concen: 102.22 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

Tgt Ion:172 Resp: 1068177
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 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

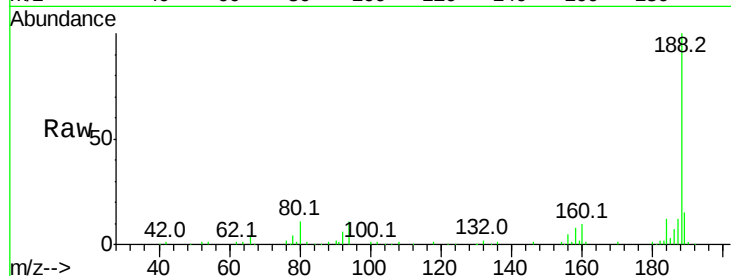




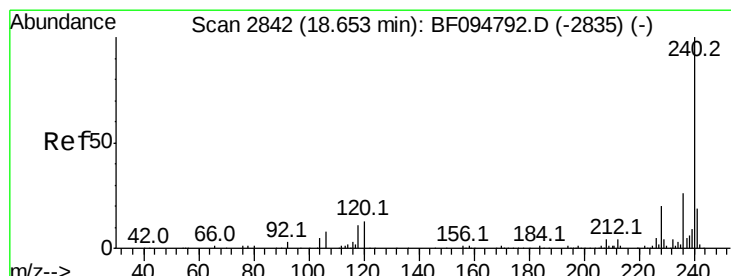
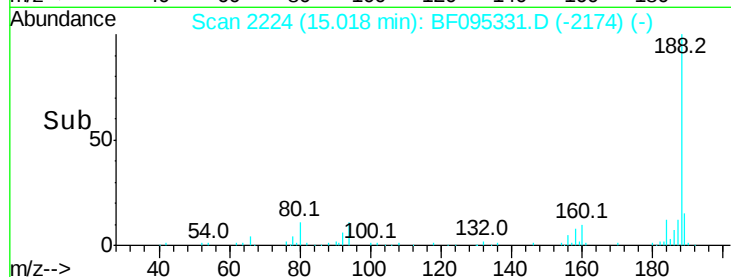
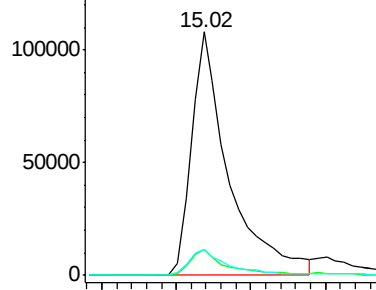
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 RT-2669

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.8	10.2	15.2

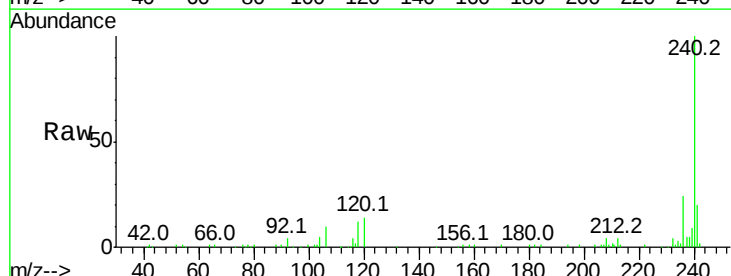


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

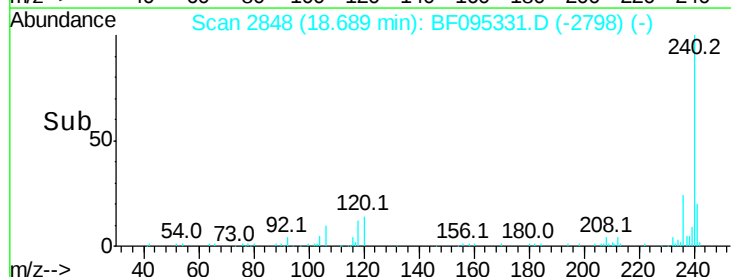
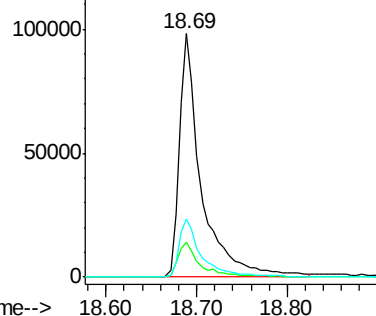


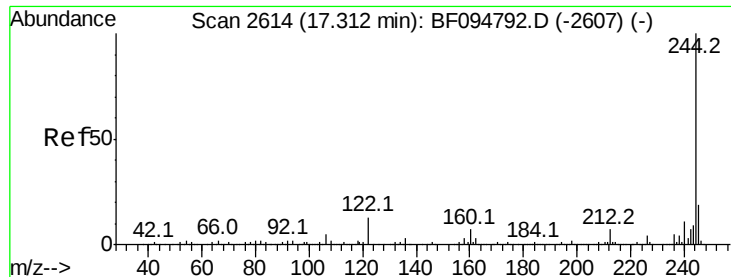
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	23.9	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: 85.33 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

RT-2669

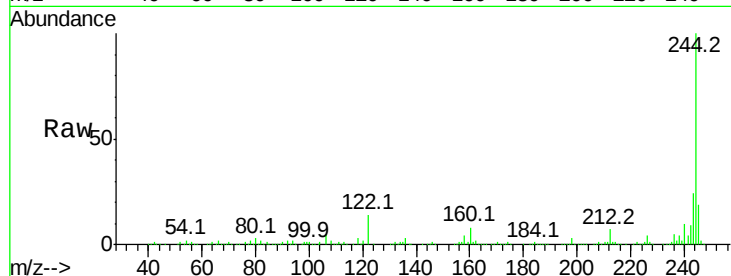
Tot Ion:244 Resp: 647246

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

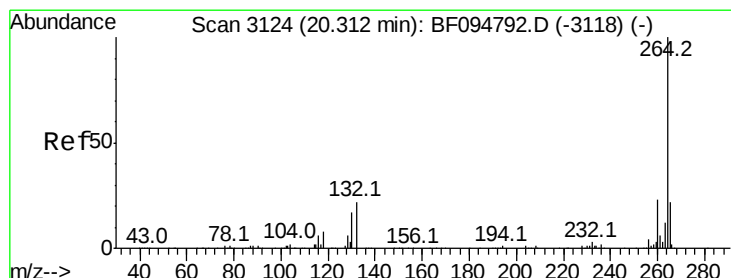
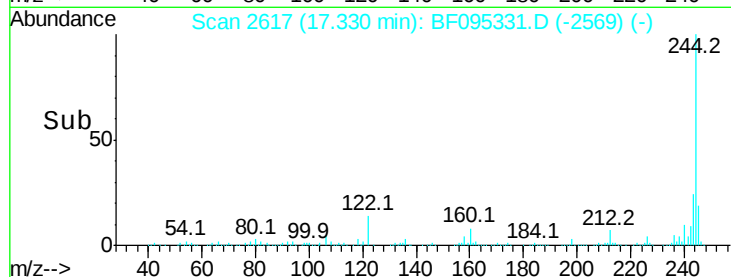
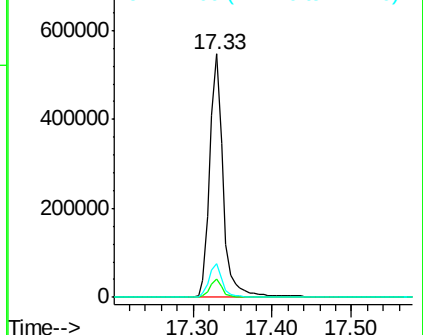
122 14.0 10.3 15.5



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: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

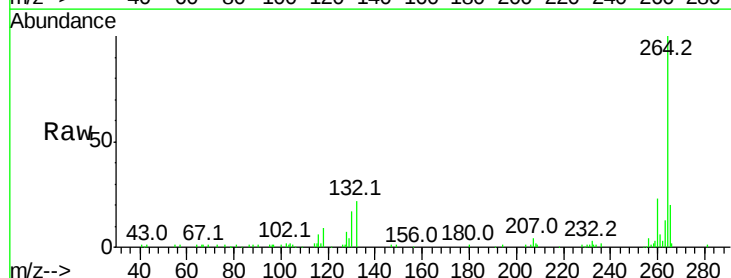
Tgt Ion:264 Resp: 135903

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 19.8 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

