

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095971.D
 Acq On : 16 Jun 2017 23:31
 Operator : SJ/MA
 Sample : I3680-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-061317

Quant Time: Jun 17 00:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	69488	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	283924	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	119789	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	177440	20.00	ng	0.00
75) Chrysene-d12	18.29	240	152996	20.00	ng	0.00
86) Perylene-d12	19.96	264	133395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	27137	6.22	ng	0.08
7) Phenol-d6	6.97	99	32499	6.23	ng	0.06
23) Nitrobenzene-d5	8.28	82	21244	4.65	ng	0.03
41) 2,4,6-Tribromophenol	13.49	330	8385	7.91	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	66507	7.73	ng	0.00
78) Terphenyl-d14	16.95	244	39731	6.44	ng	0.00

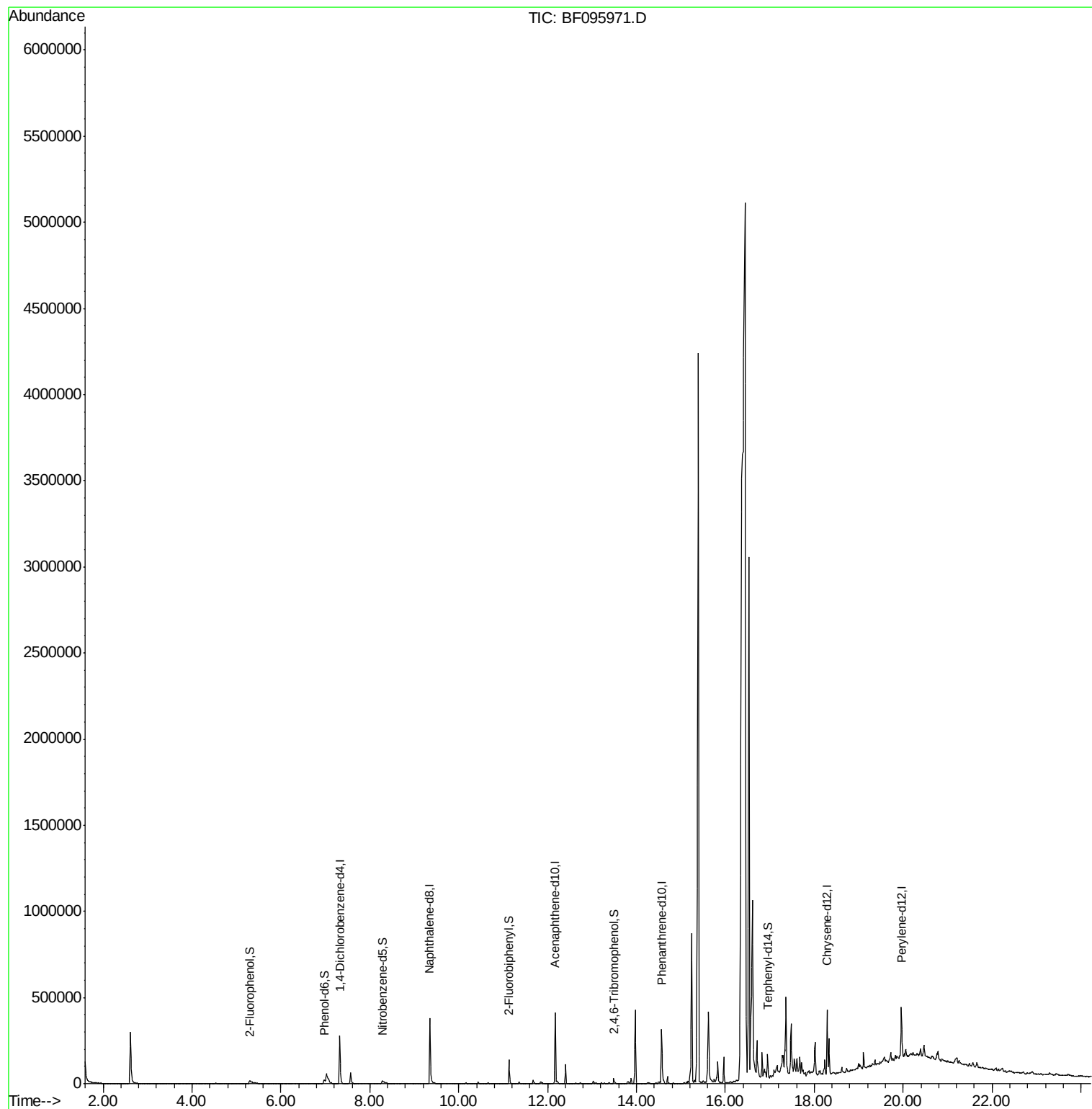
Target Compounds Qvalue

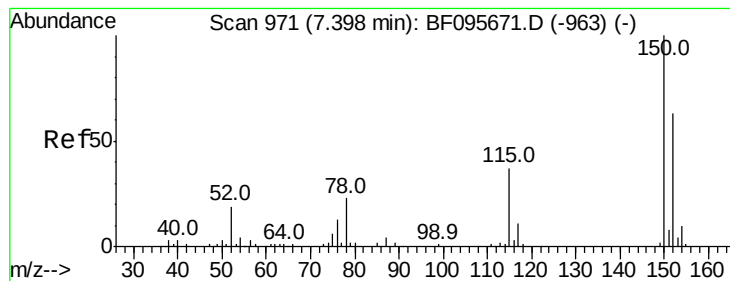
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF095971.D

Acq: 16 Jun 2017 23:31

Instrument :

BNA_F

ClientSampleId :

TR-05-061317

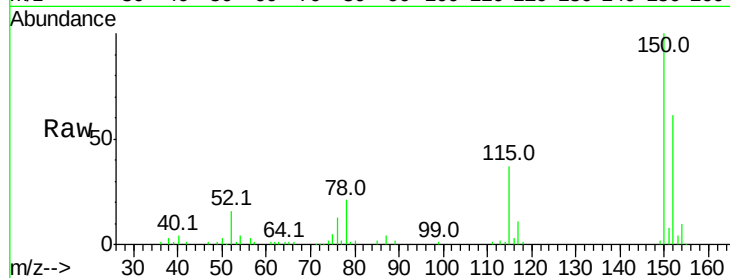
Tot Ion:152 Resp: 69488

Ion Ratio Lower Upper

152 100

150 163.0 126.2 189.2

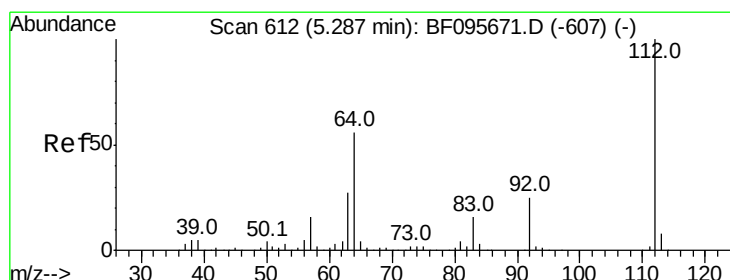
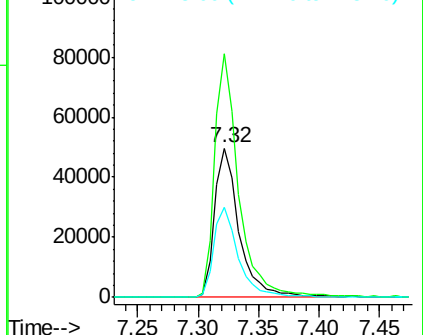
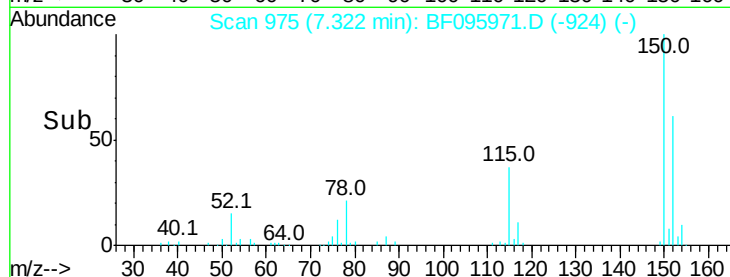
115 60.4 52.2 78.2



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: 6.22 ng

RT: 5.29 min Scan# 630

Delta R.T. 0.08 min

Lab File: BF095971.D

Acq: 16 Jun 2017 23:31

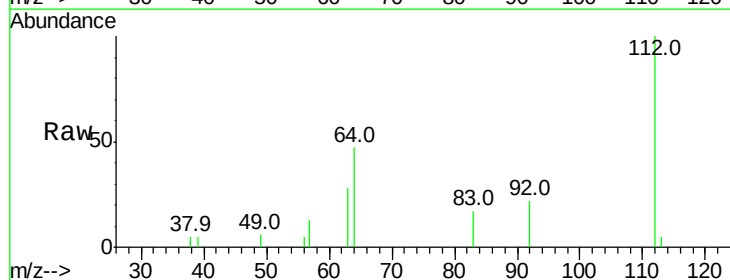
Tgt Ion:112 Resp: 27137

Ion Ratio Lower Upper

112 100

64 47.1 46.0 69.0

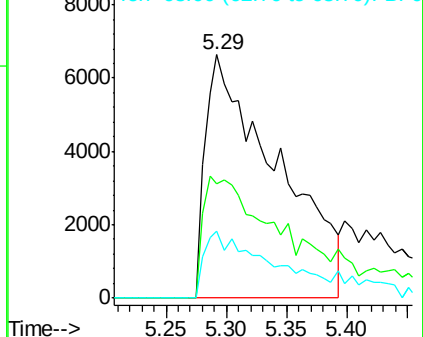
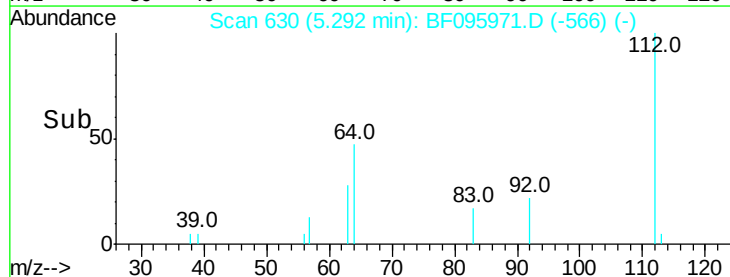
63 27.7 23.4 35.0

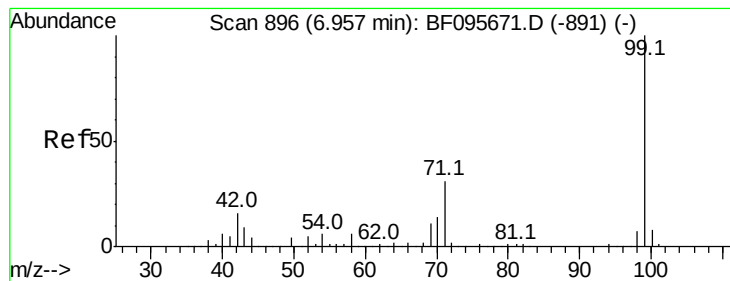


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.23 ng

RT: 6.97 min Scan# 915

Delta R.T. 0.06 min

Lab File: BF095971.D

Acq: 16 Jun 2017 23:31

Instrument :

BNA_F

ClientSampleId :

TR-05-061317

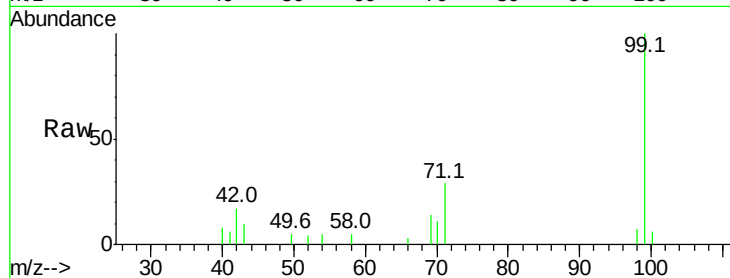
Tot Ion: 99 Resp: 32499

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

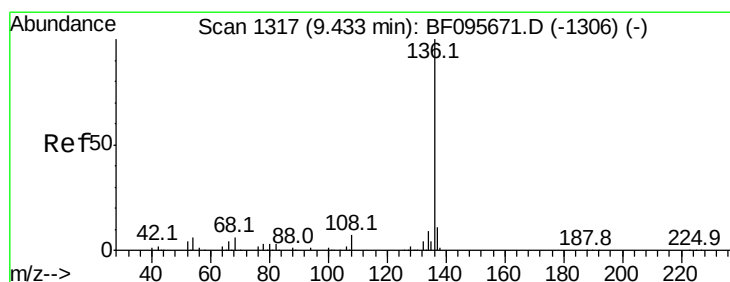
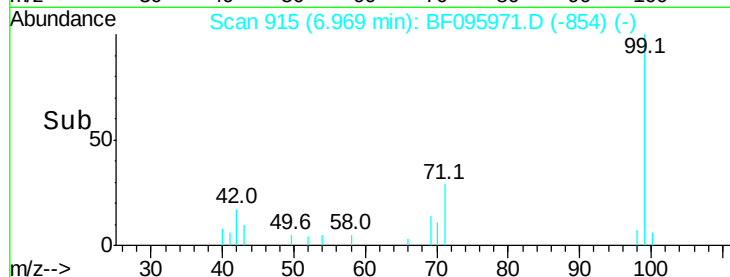
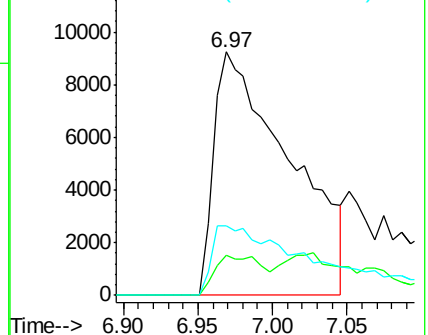
71 28.8 24.5 36.7



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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095971.D

Acq: 16 Jun 2017 23:31

Tgt Ion: 136 Resp: 283924

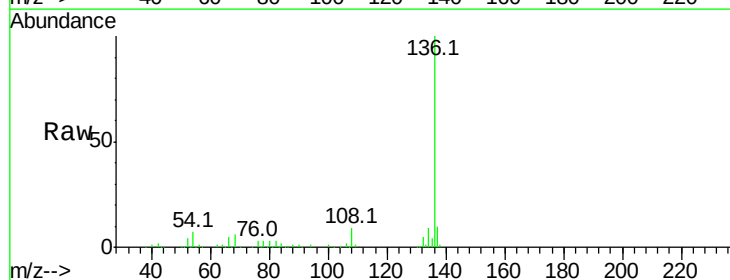
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

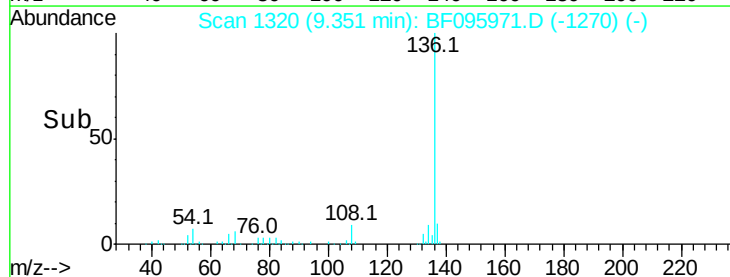
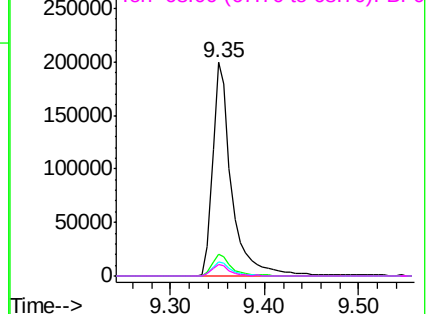


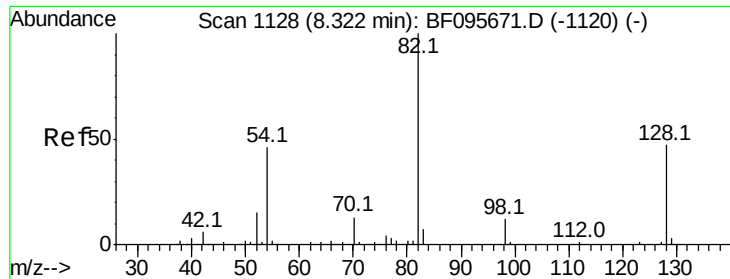
Abundance Ion 136.00 (135.70 to 136.70): E

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

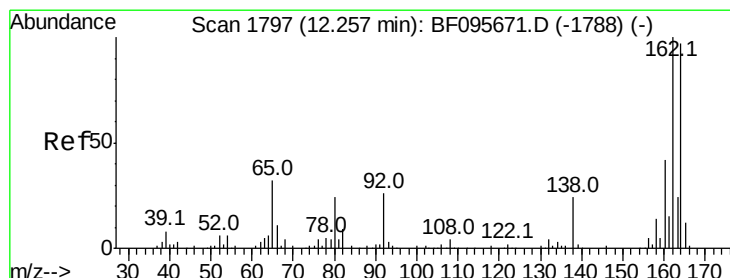
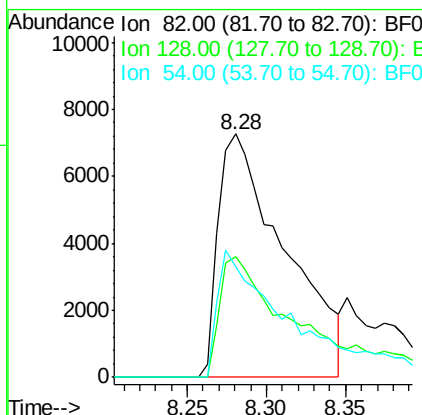
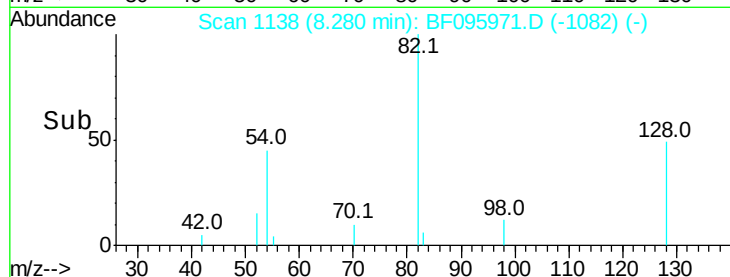
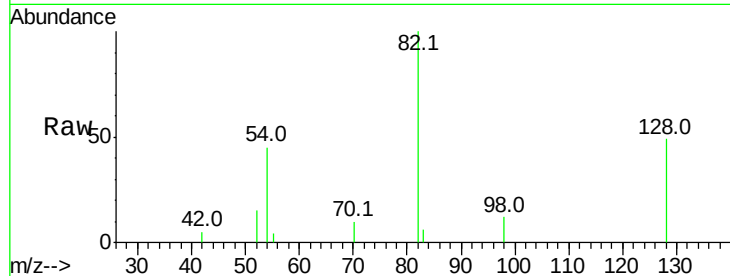




#23
 Nitrobenzene-d5
 Concen: 4.65 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. 0.03 min
 Lab File: BF095971.D
 Acq: 16 Jun 2017 23:31

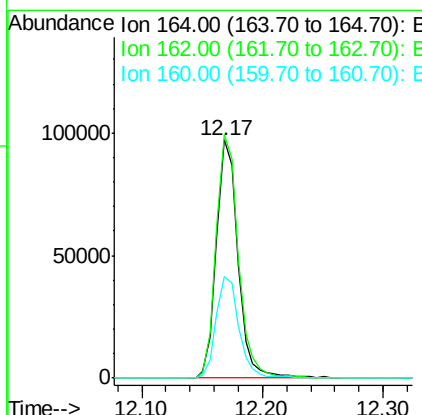
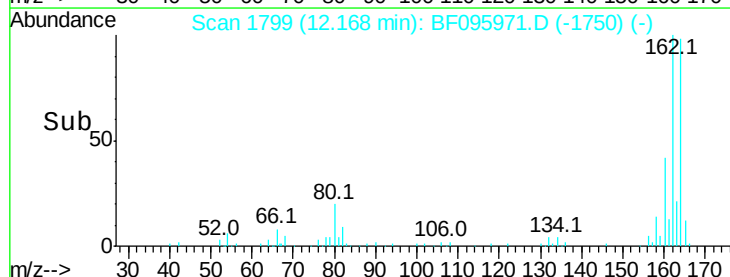
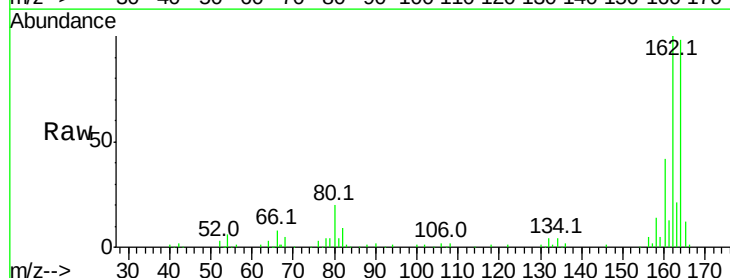
Instrument :
 BNA_F
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 TR-05-061317

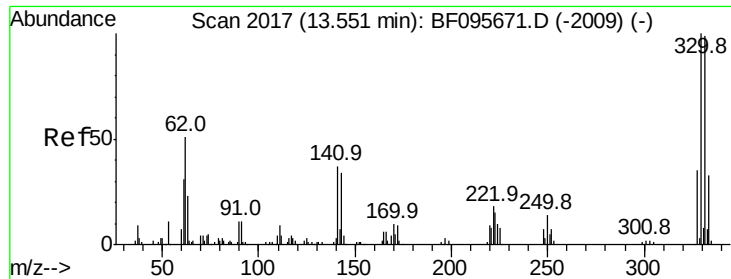
Tot Ion: 82 Resp: 21244
 Ion Ratio Lower Upper
 82 100
 128 49.4 34.0 51.0
 54 45.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095971.D
 Acq: 16 Jun 2017 23:31

Tgt Ion:164 Resp: 119789
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 42.9 36.2 54.2

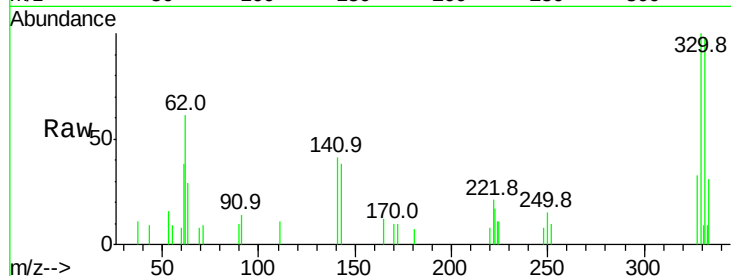




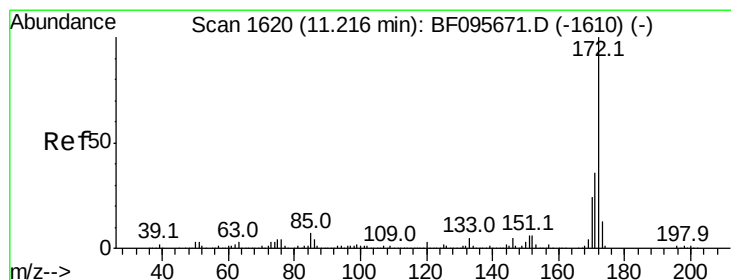
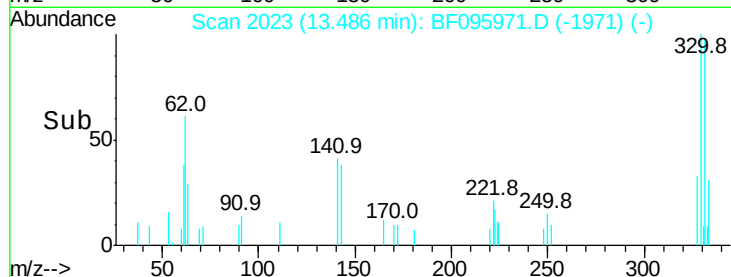
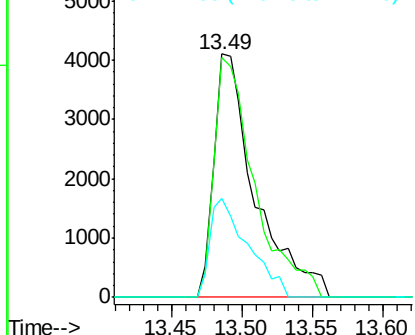
#41
 2,4,6-Tribromophenol
 Concen: 7.91 ng
 RT: 13.49 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF095971.D
 Acq: 16 Jun 2017 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-061317

Tot Ion:330 Resp: 8385
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 37.3 31.4 47.2

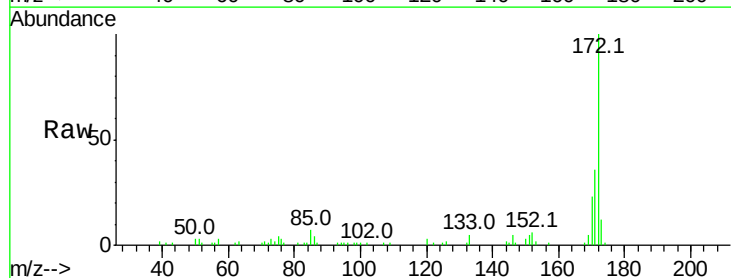


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

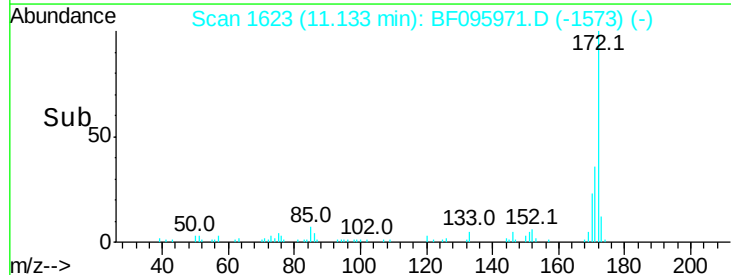
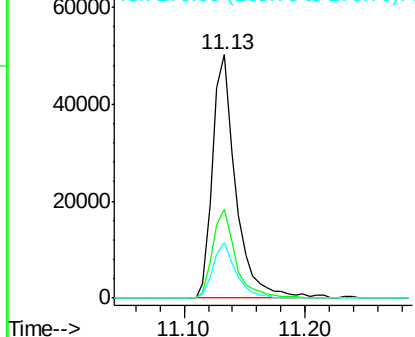


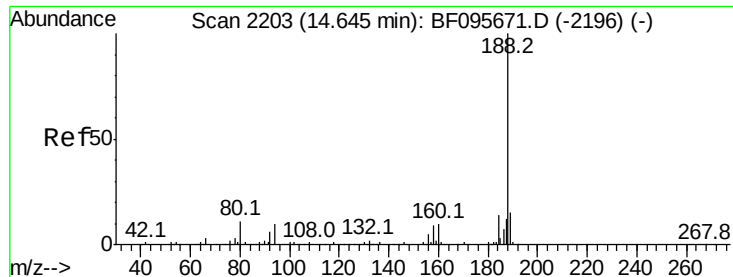
#44
 2-Fluorobiphenyl
 Concen: 7.73 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095971.D
 Acq: 16 Jun 2017 23:31

Tgt Ion:172 Resp: 66507
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 22.6 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

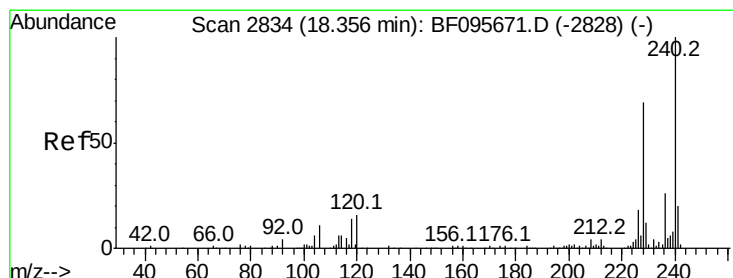
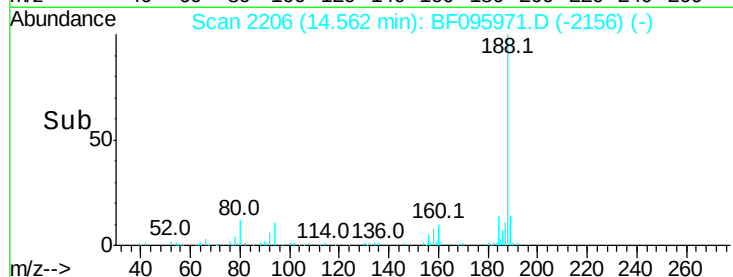
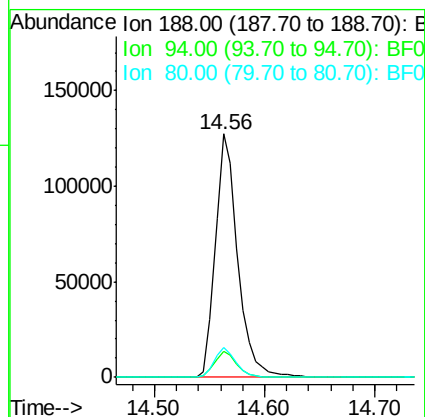
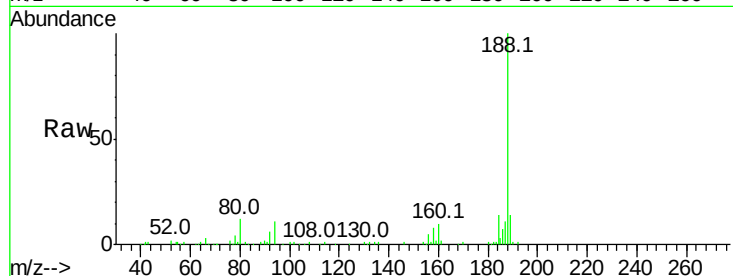




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095971.D
Acq: 16 Jun 2017 23:31

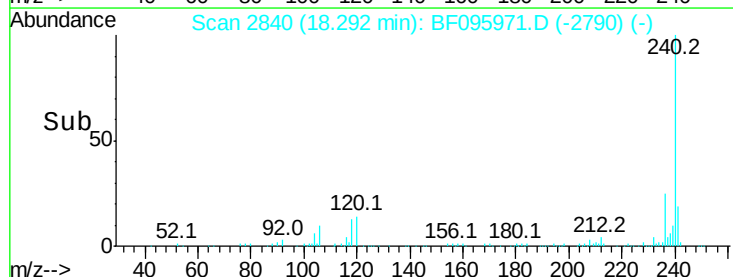
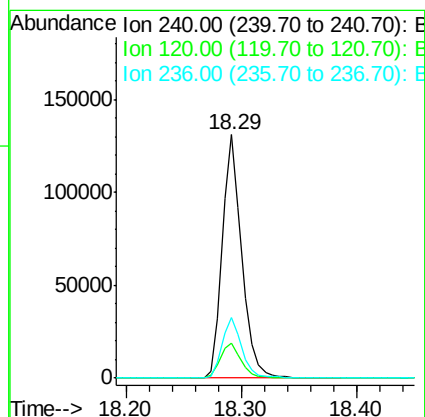
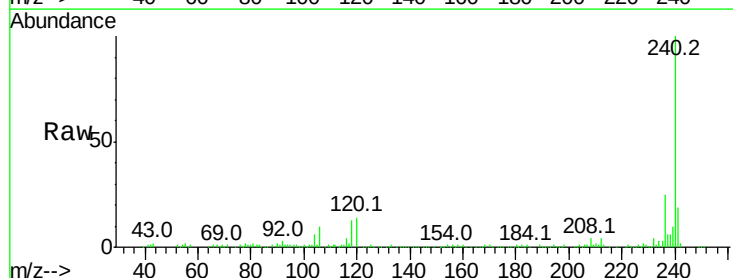
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BNA_F
ClientSampleId :
TR-05-061317

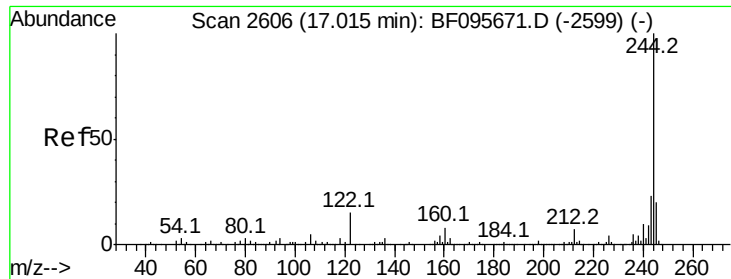
Tot Ion:188 Resp: 177440
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 12.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095971.D
Acq: 16 Jun 2017 23:31

Tgt Ion:240 Resp: 152996
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 6.44 ng

RT: 16.95 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BF095971.D

Acq: 16 Jun 2017 23:31

Instrument :

BNA_F

ClientSampleId :

TR-05-061317

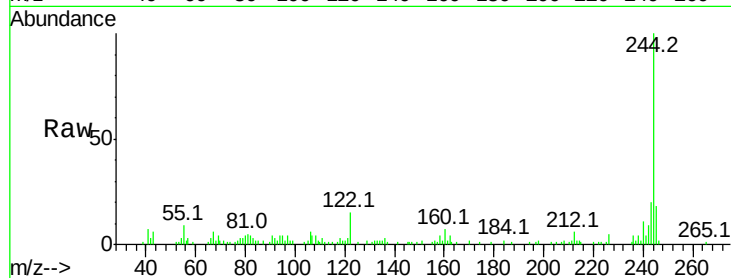
Tot Ion:244 Resp: 39731

Ion Ratio Lower Upper

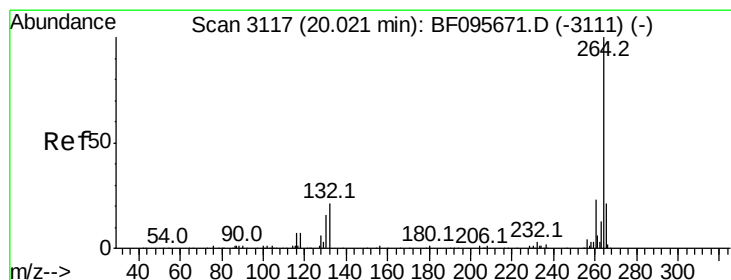
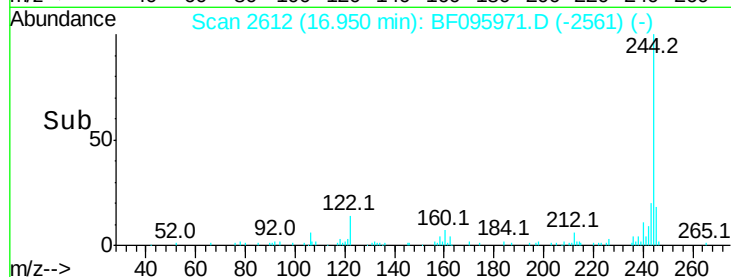
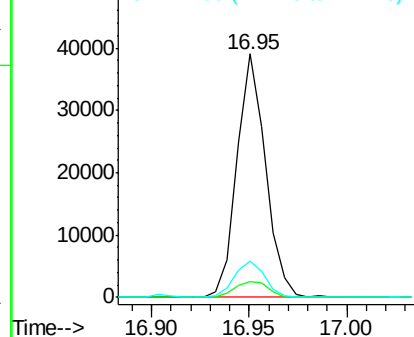
244 100

212 6.5 6.0 9.0

122 15.1 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: 19.96 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF095971.D

Acq: 16 Jun 2017 23:31

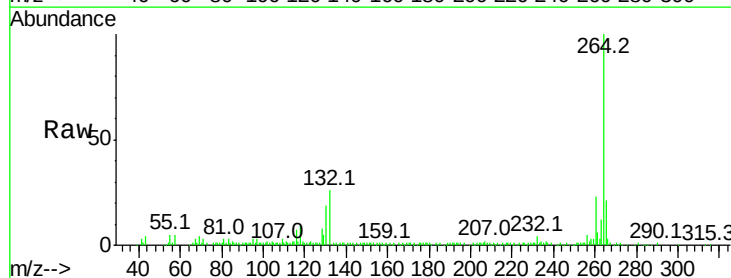
Tgt Ion:264 Resp: 133395

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.5 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

