

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
 Data File : BF095881.D
 Acq On : 12 Jun 2017 20:07
 Operator : SJ/MA
 Sample : I3592-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-060917

Quant Time: Jun 13 06:05:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

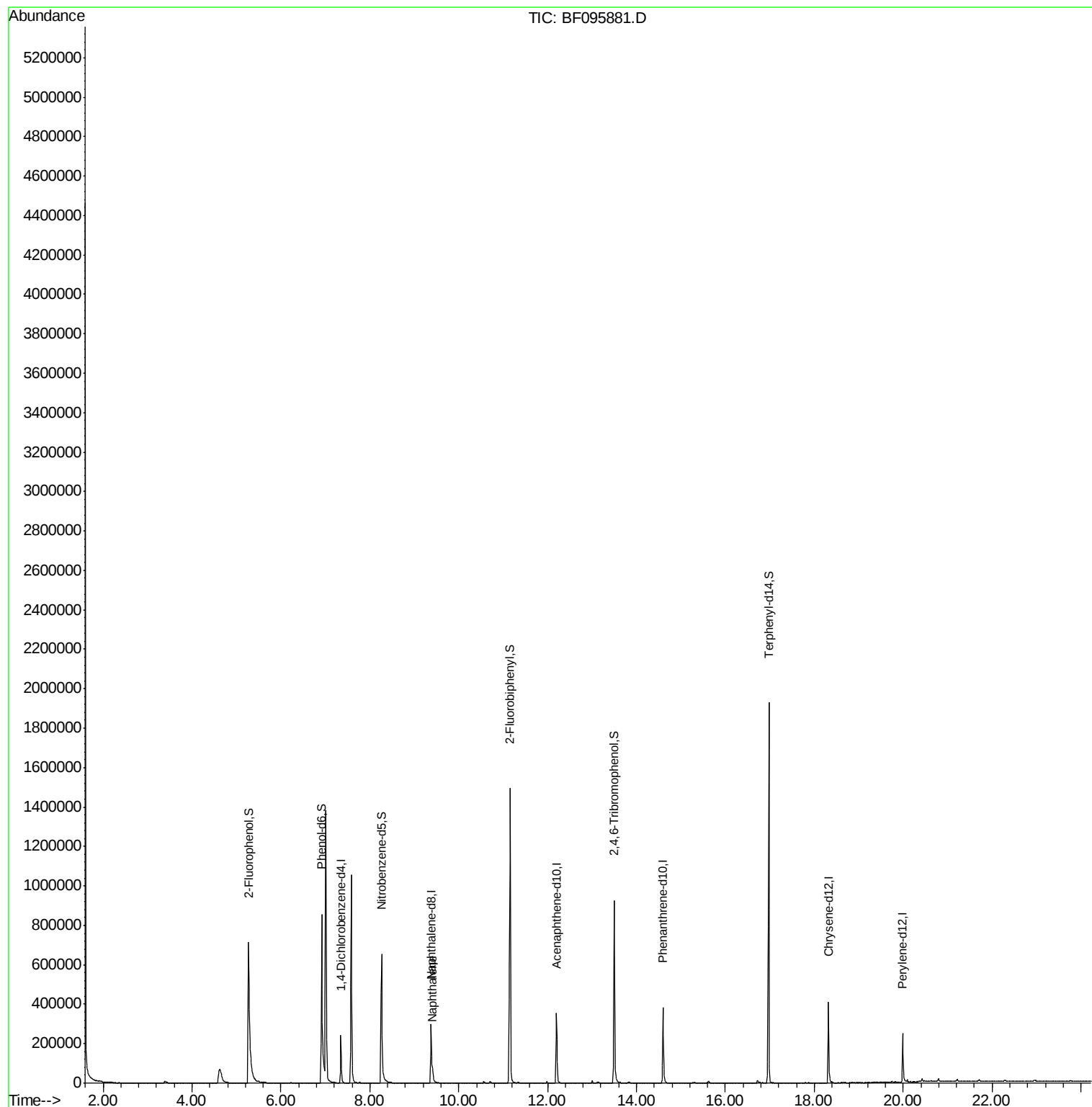
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	62100	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	263842	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	124842	20.00	ng	-0.06
63) Phenanthrene-d10	14.59	188	244850	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	206747	20.00	ng	-0.04
86) Perylene-d12	19.99	264	137268	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	581951	149.33	ng	-0.02
7) Phenol-d6	6.92	99	649685	139.25	ng	-0.04
23) Nitrobenzene-d5	8.26	82	452249	106.45	ng	-0.06
41) 2,4,6-Tribromophenol	13.50	330	180529	163.44	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	923156	102.90	ng	-0.05
78) Terphenyl-d14	16.98	244	841890	101.06	ng	-0.04
Target Compounds						
31) Naphthalene	9.41	128	65357	4.936	ng	Qvalue 98

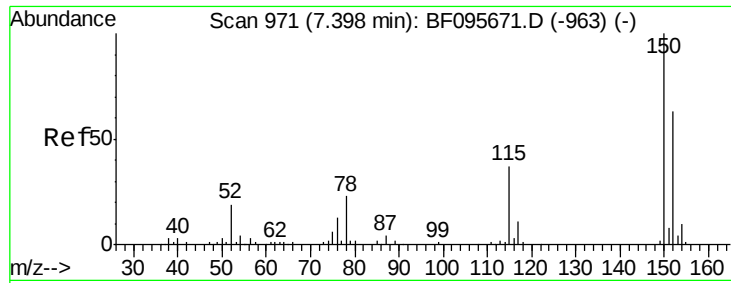
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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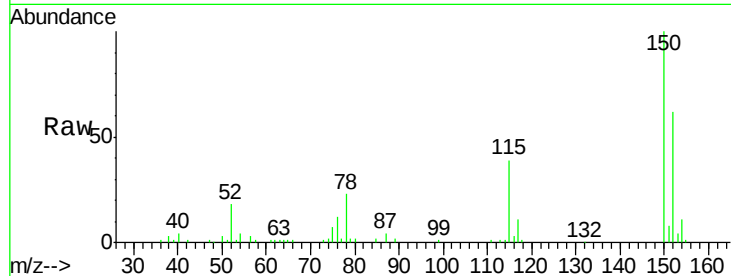


#1

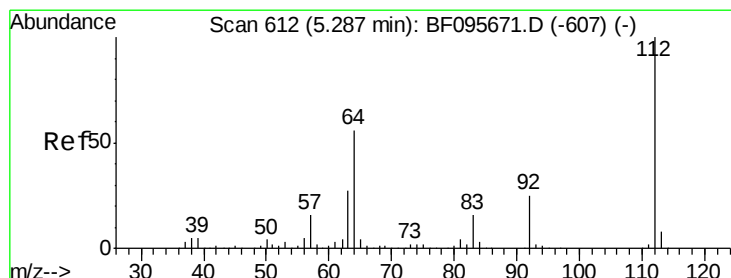
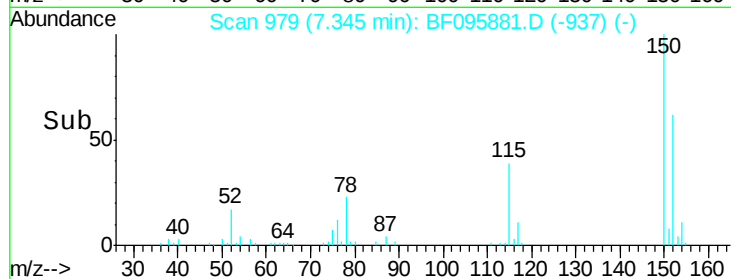
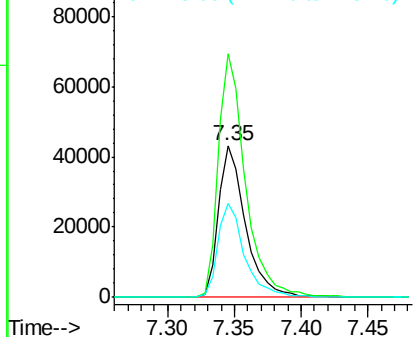
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.05 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-060917

Tgt Ion:152 Resp: 62100
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 61.9 52.2 78.2



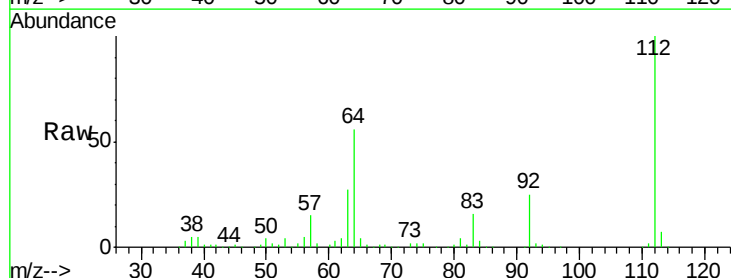
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



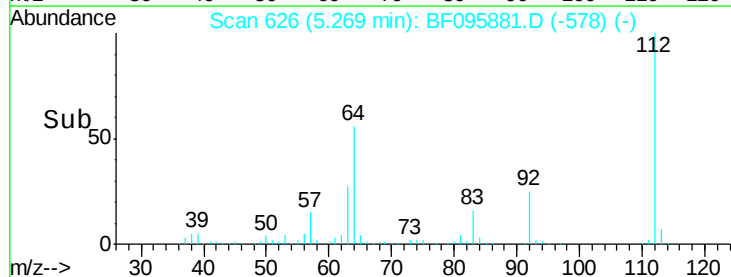
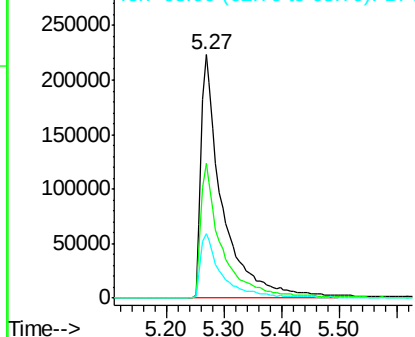
#5

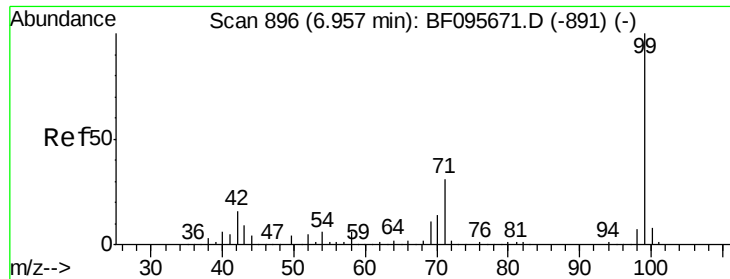
2-Fluorophenol
 Concen: 149.325 ng
 RT: 5.27 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Tgt Ion:112 Resp: 581951
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 26.7 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: 139.250 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095881.D

Acq: 12 Jun 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SU-03-060917

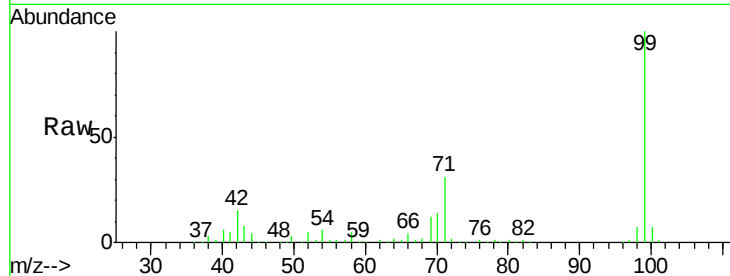
Tgt Ion: 99 Resp: 649685

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

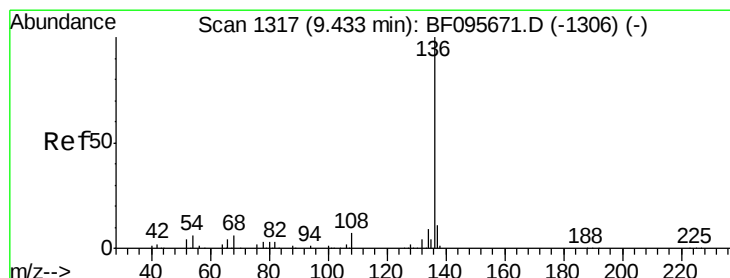
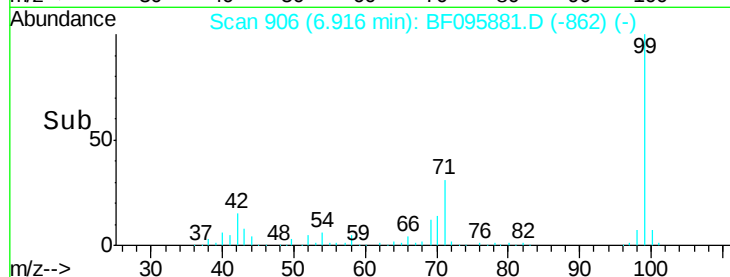
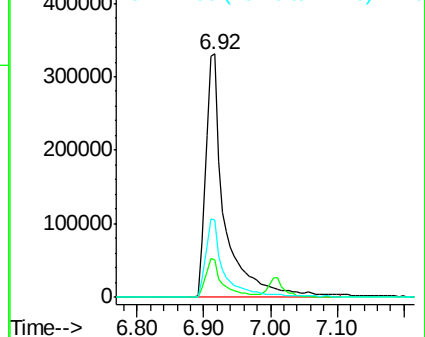
71 31.5 24.5 36.7



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: 20.000 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095881.D

Acq: 12 Jun 2017 20:07

Tgt Ion: 136 Resp: 263842

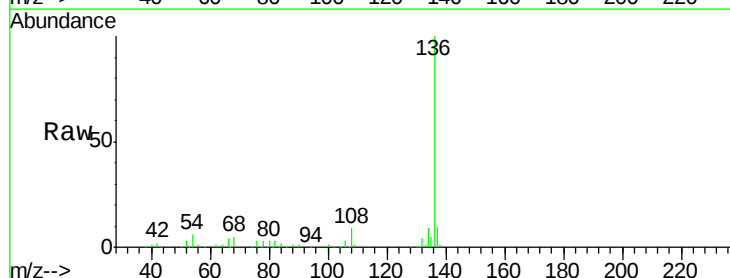
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 6.4 4.9 7.3

68 5.1 4.1 6.1

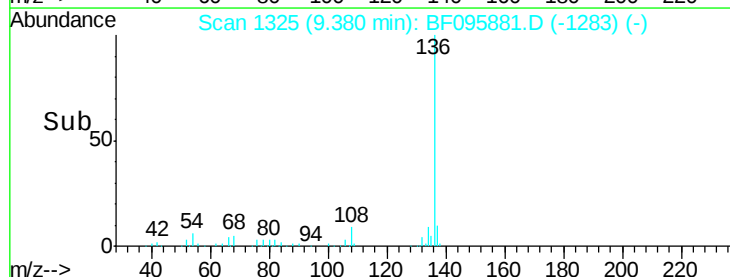
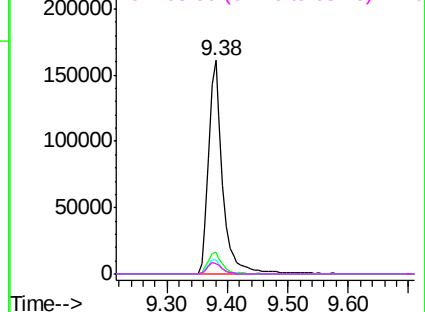


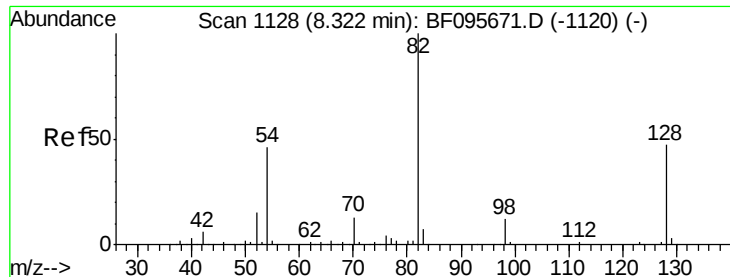
Abundance Ion 136.00 (135.70 to 136.70): E

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

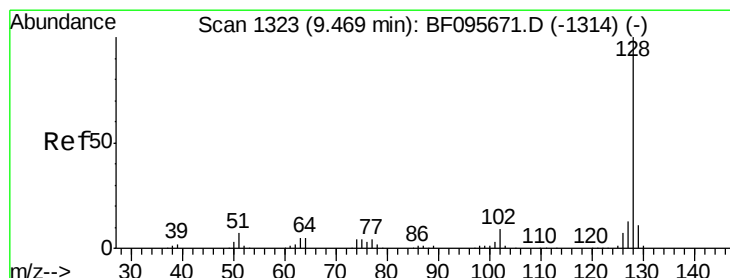
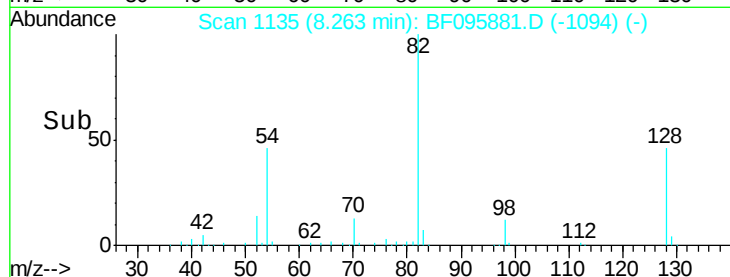
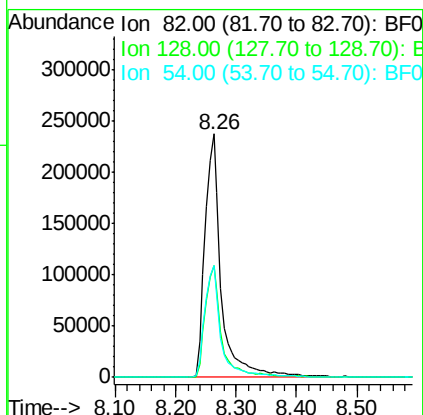
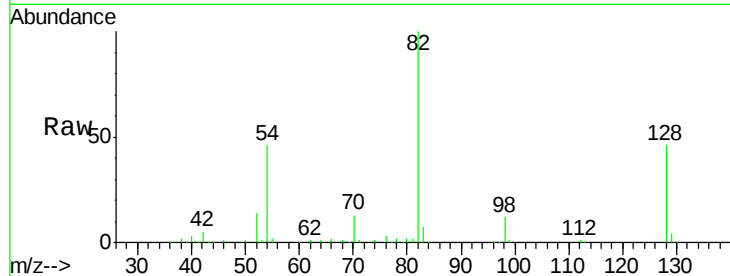




#23
 Nitrobenzene-d5
 Concen: 106.453 ng
 RT: 8.26 min Scan# 1135
 Delta R.T. -0.06 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

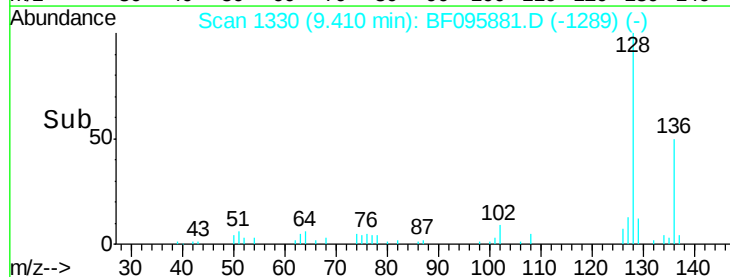
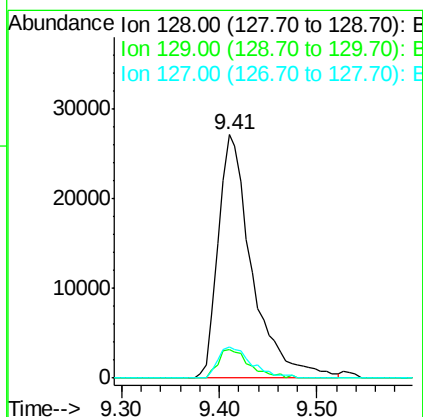
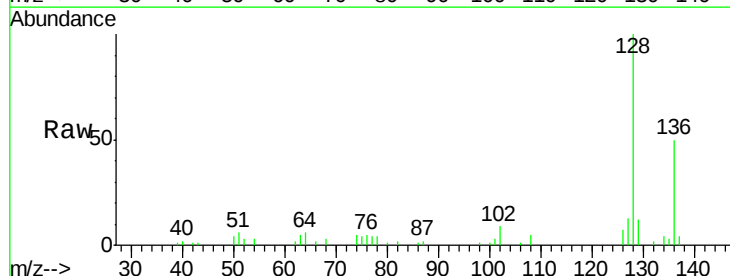
Instrument :
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 ClientSampleId :
 SU-03-060917

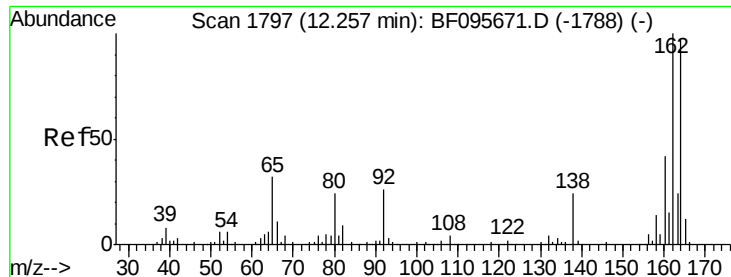
Tgt Ion: 82 Resp: 452249
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 46.0 42.2 63.2



#31
 Naphthalene
 Concen: 4.936 ng
 RT: 9.41 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Tgt Ion: 128 Resp: 65357
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.0 13.6
 127 12.5 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.20 min Scan# 1804

Delta R.T. -0.06 min

Lab File: BF095881.D

Acq: 12 Jun 2017 20:07

Instrument :

BNA_F

ClientSampleId :

SU-03-060917

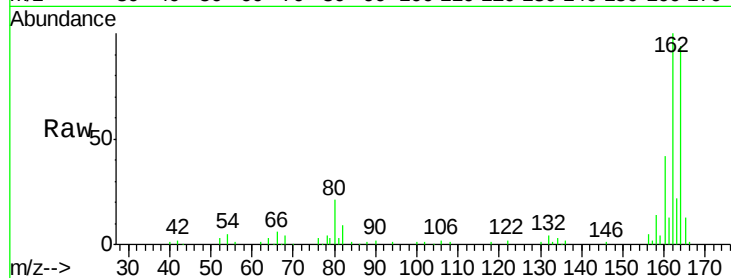
Tgt Ion:164 Resp: 124842

Ion Ratio Lower Upper

164 100

162 106.7 82.6 123.8

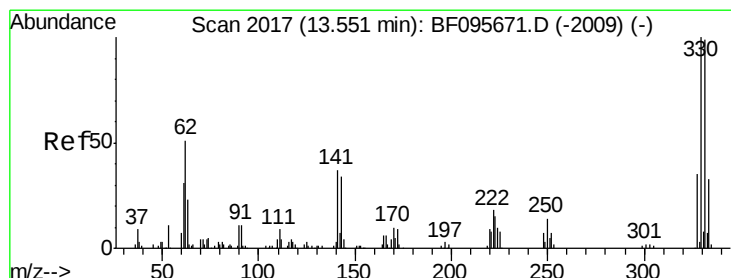
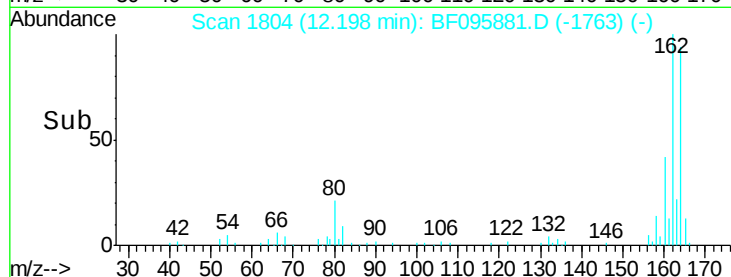
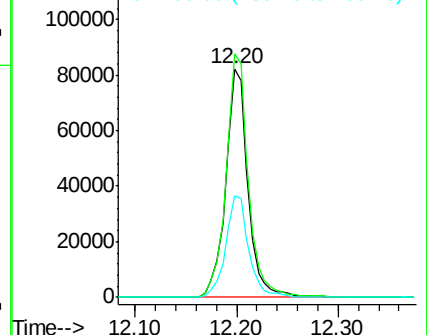
160 44.5 36.2 54.2



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: 163.440 ng

RT: 13.50 min Scan# 2025

Delta R.T. -0.05 min

Lab File: BF095881.D

Acq: 12 Jun 2017 20:07

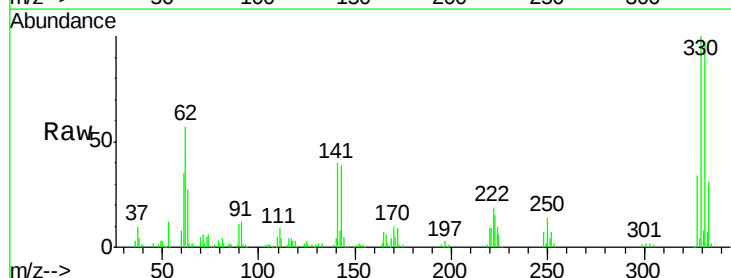
Tgt Ion:330 Resp: 180529

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

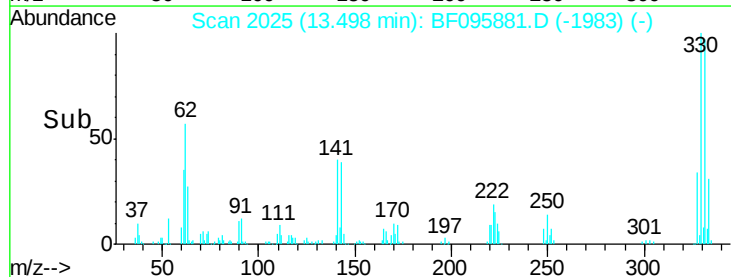
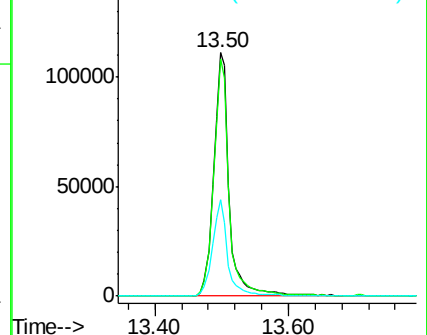
141 38.3 31.4 47.2

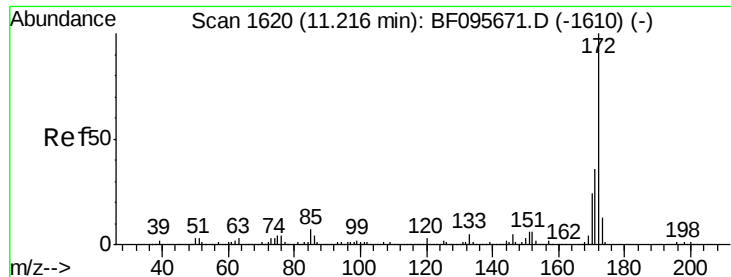


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

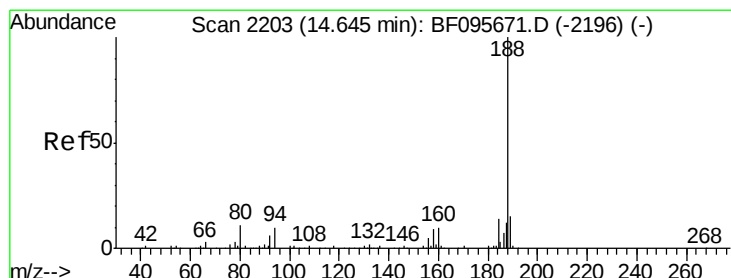
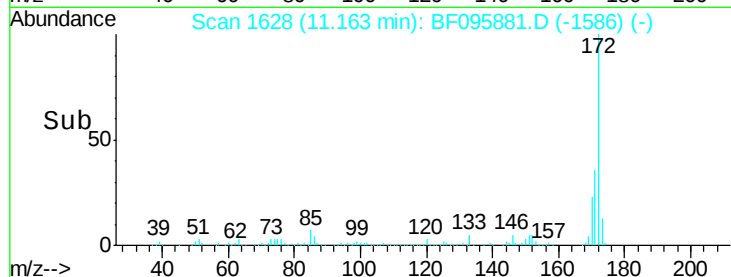
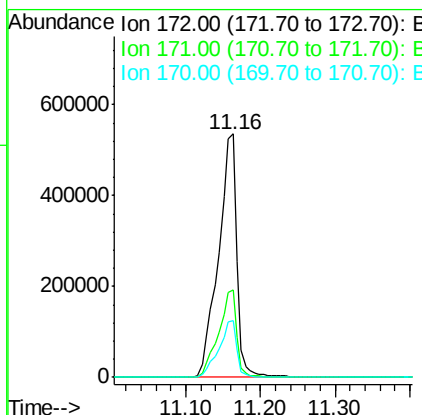
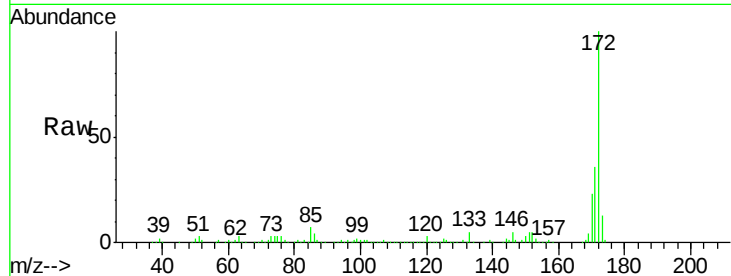




#44
2-Fluorobiphenyl
Concen: 102.901 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

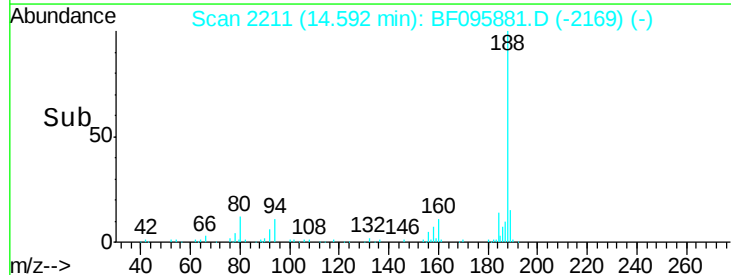
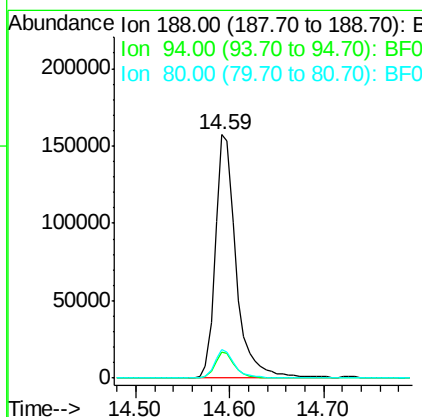
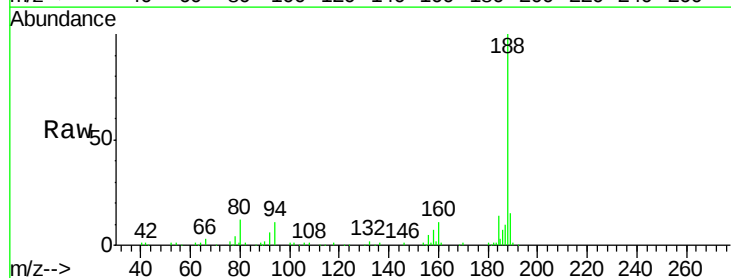
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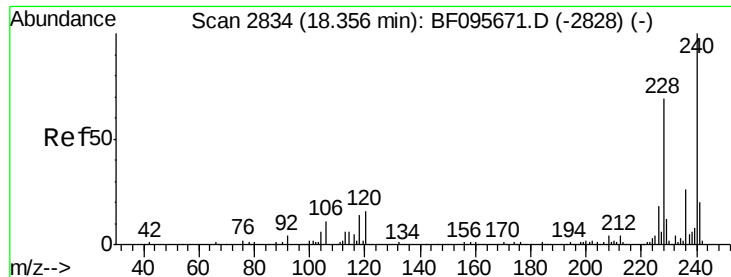
Tgt Ion:172 Resp: 923156
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.3 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 2211
Delta R.T. -0.05 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Tgt Ion:188 Resp: 244850
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.8 10.2 15.2

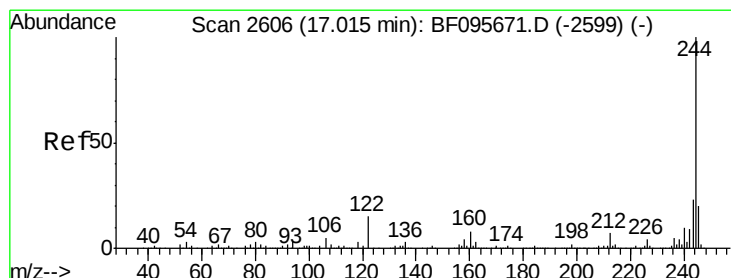
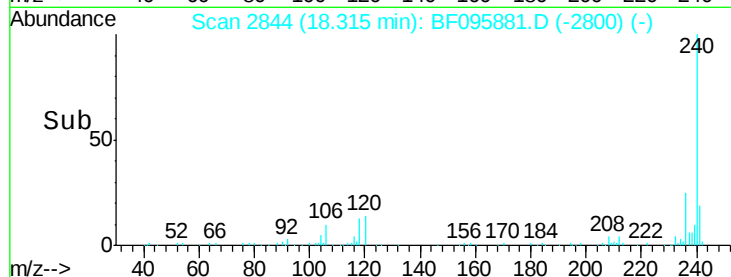
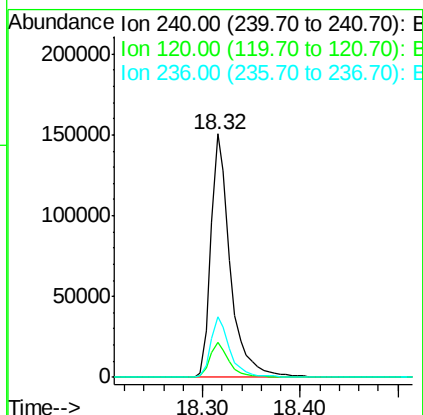
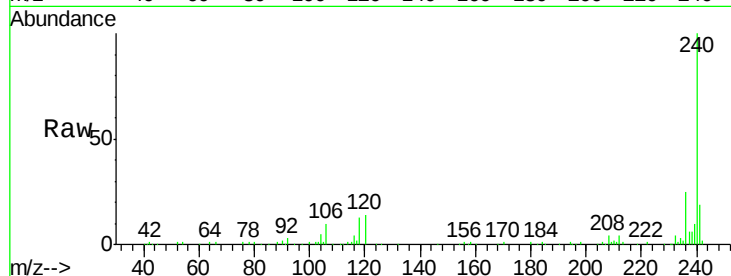




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.32 min Scan# 2844
 Delta R.T. -0.04 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

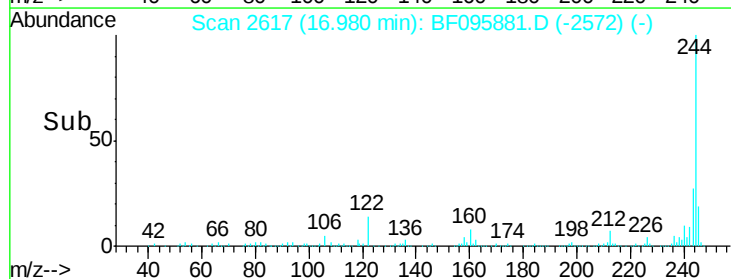
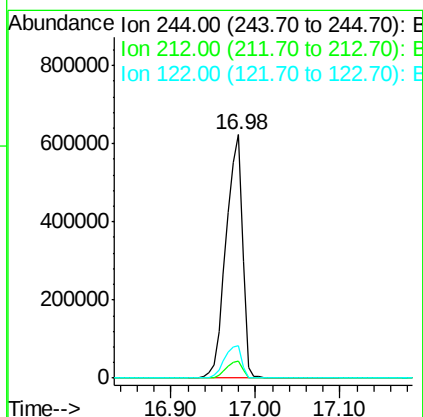
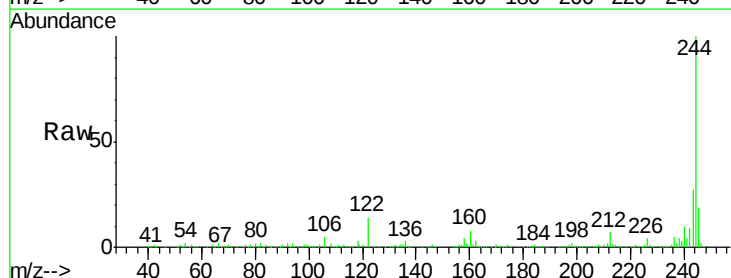
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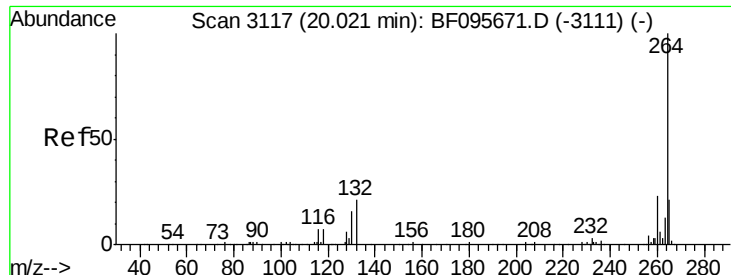
Tgt Ion:240 Resp: 206747
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 101.058 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Tgt Ion:244 Resp: 841890
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.6 10.3 15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 19.99 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Instrument :
BNA_F
ClientSampleId :
SU-03-060917

Tgt Ion: 264 Resp: 137268
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.8 17.2 25.8

