

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096054.D
 Acq On : 20 Jun 2017 20:15
 Operator : SJ/MA
 Sample : I3676-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-5-6

Quant Time: Jun 21 01:29:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

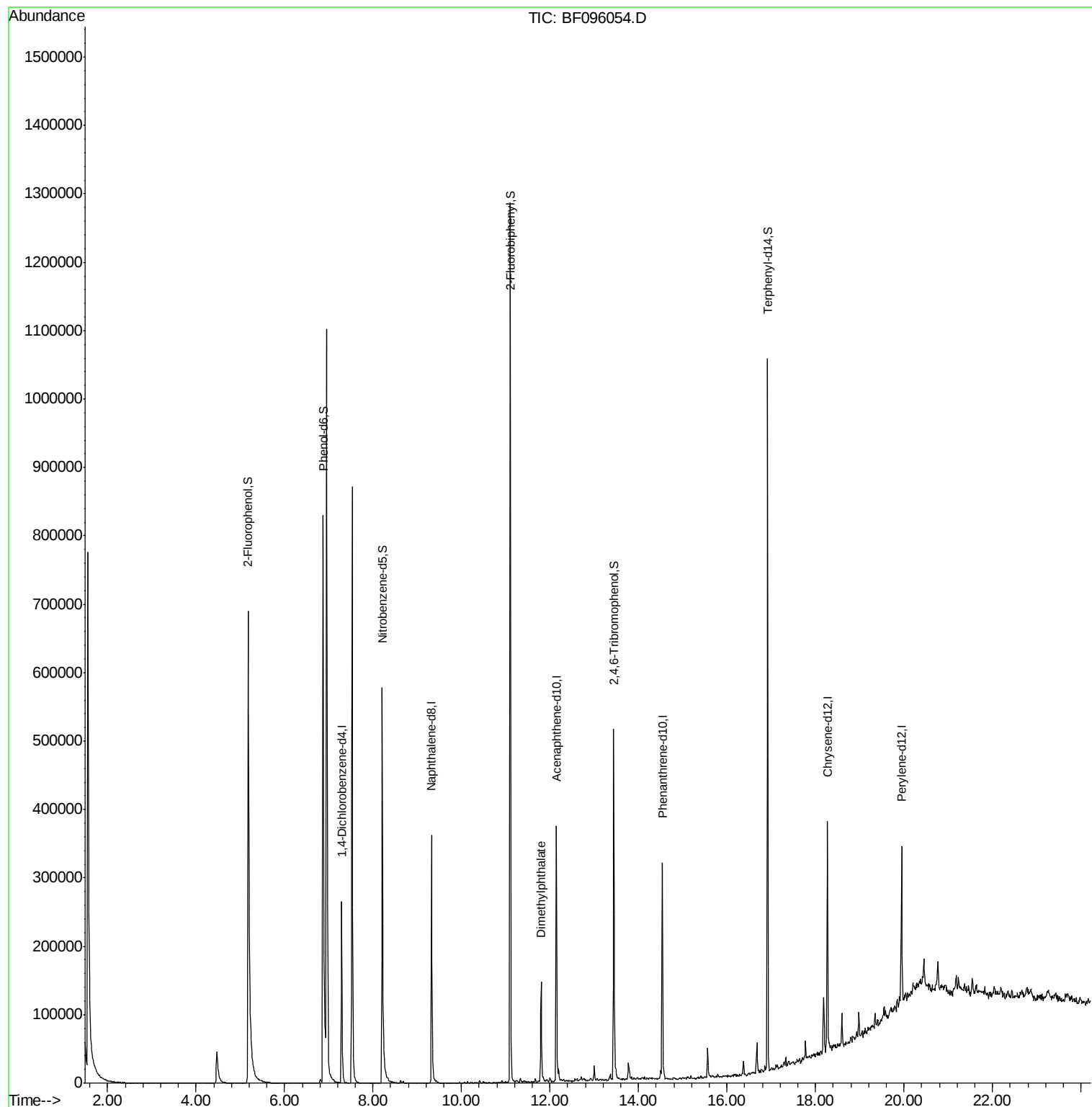
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	67148	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	271534	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	106634	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	169675	20.00	ng	0.00
75) Chrysene-d12	18.27	240	138326	20.00	ng	0.00
86) Perylene-d12	19.94	264	99212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	497938	118.16	ng	0.00
7) Phenol-d6	6.87	99	587370	116.43	ng	0.00
23) Nitrobenzene-d5	8.21	82	323034	73.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	88654	93.97	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	557995	72.82	ng	0.00
78) Terphenyl-d14	16.92	244	388230	69.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.80	163	90460	11.17	ng	Qvalue 98

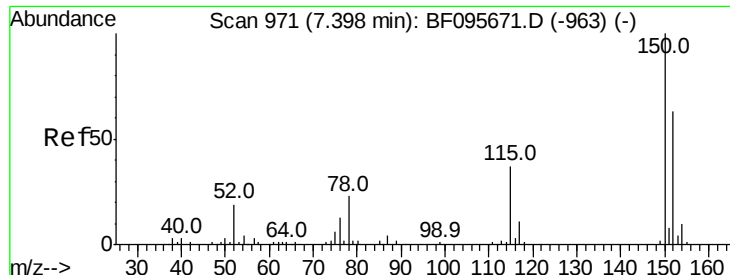
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

Instrument :

BNA_F

ClientSampleId :

SB-05-5-6

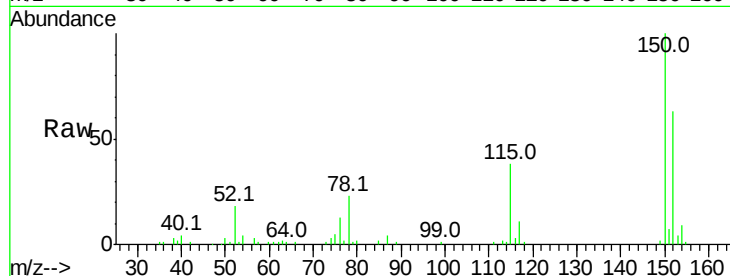
Tot Ion:152 Resp: 67148

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

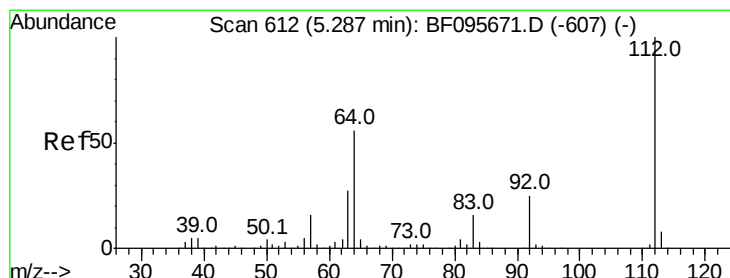
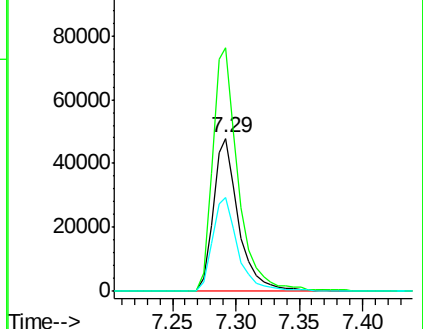
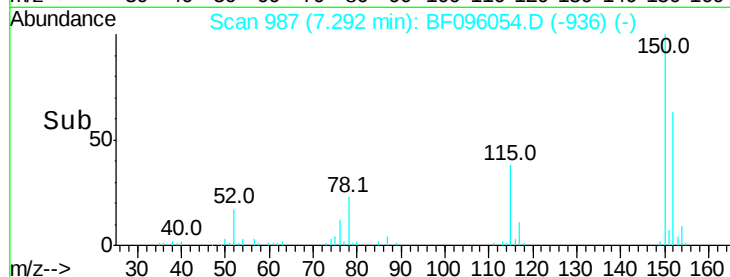
115 60.8 52.2 78.2



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: 118.16 ng

RT: 5.18 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

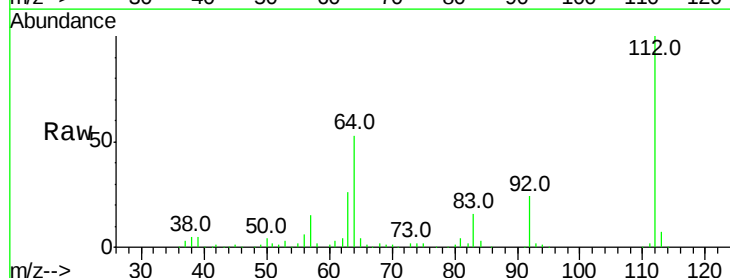
Tgt Ion:112 Resp: 497938

Ion Ratio Lower Upper

112 100

64 53.0 46.0 69.0

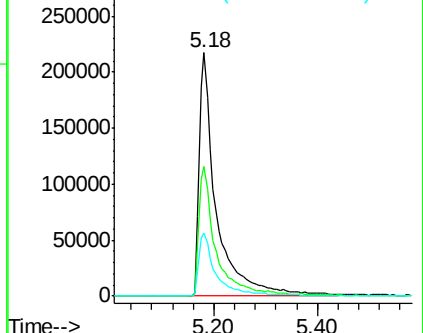
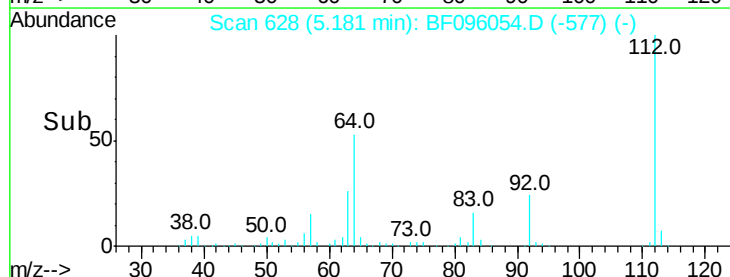
63 25.9 23.4 35.0



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: 116.43 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

Instrument :

BNA_F

ClientSampleId :

SB-05-5-6

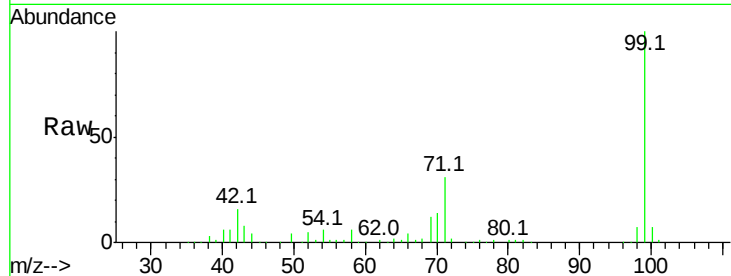
Tot Ion: 99 Resp: 587370

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

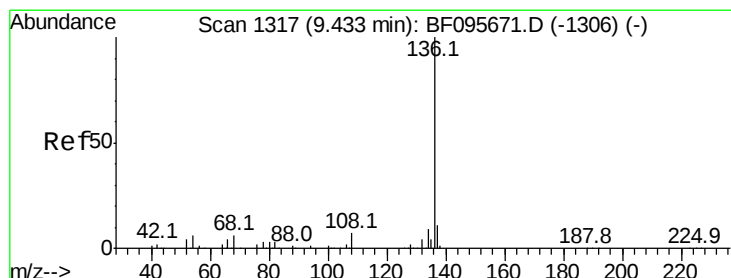
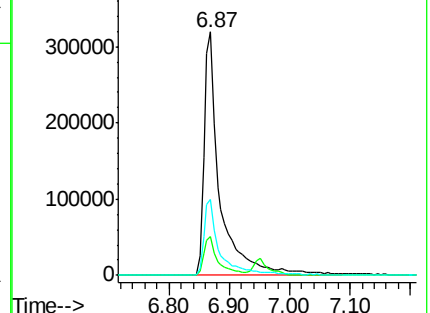
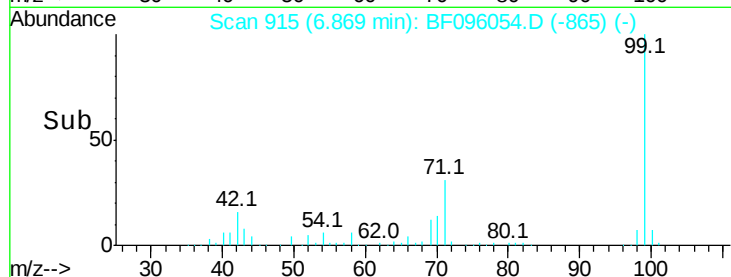
71 31.0 24.5 36.7



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: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

Tgt Ion: 136 Resp: 271534

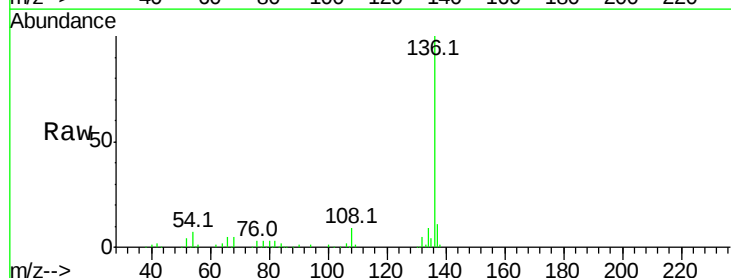
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.4 4.9 7.3#

68 5.3 4.1 6.1

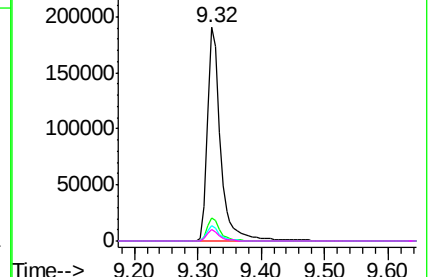
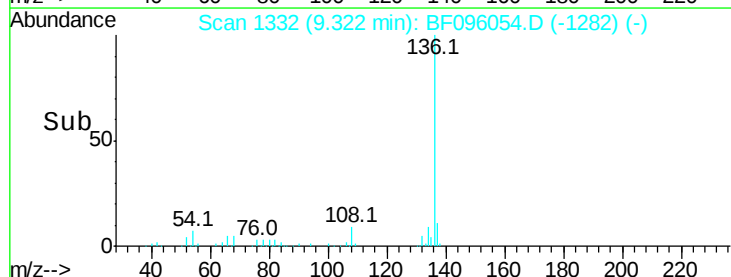


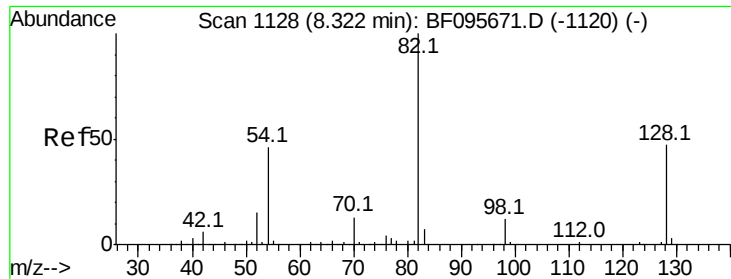
Abundance Ion 136.00 (135.70 to 136.70): E

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

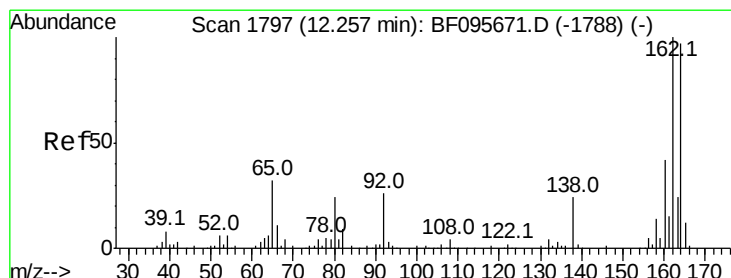
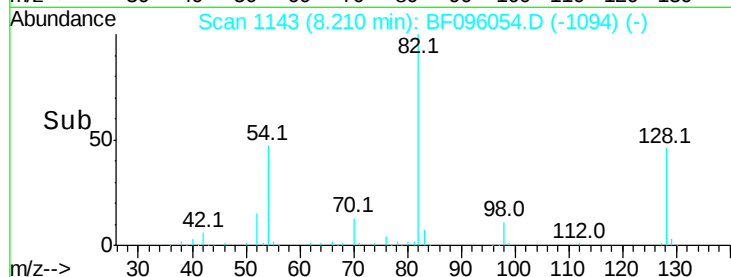
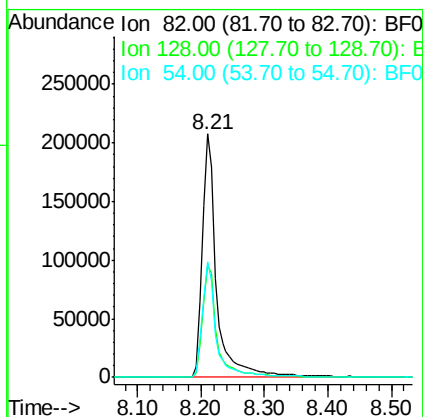
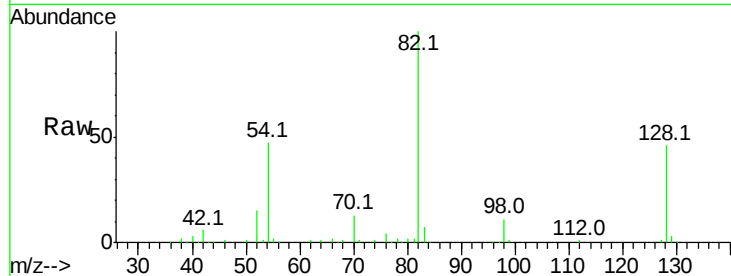




#23
 Nitrobenzene-d5
 Concen: 73.88 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

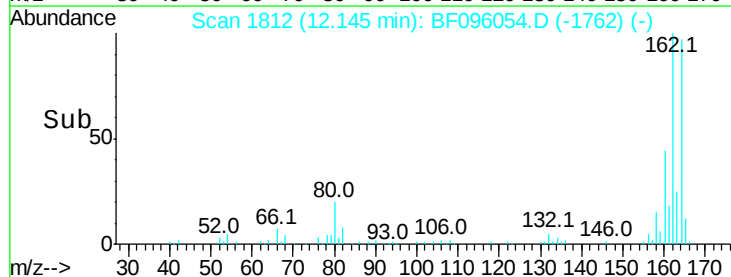
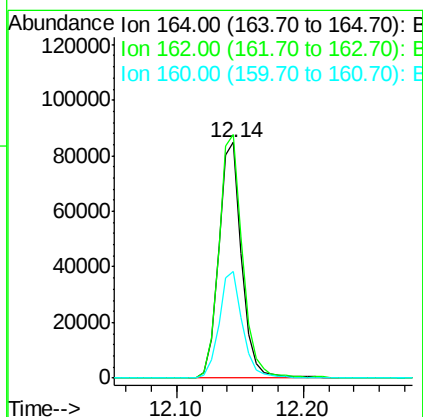
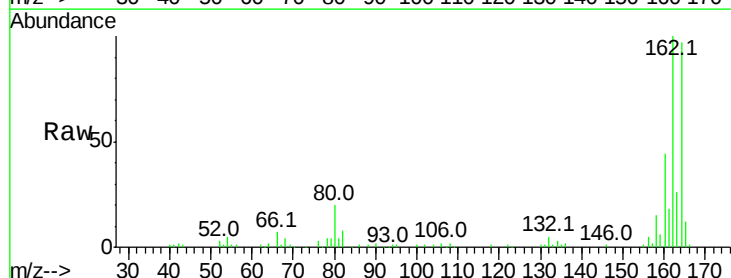
Instrument :
 BNA_F
 ClientSampled :
 SB-05-5-6

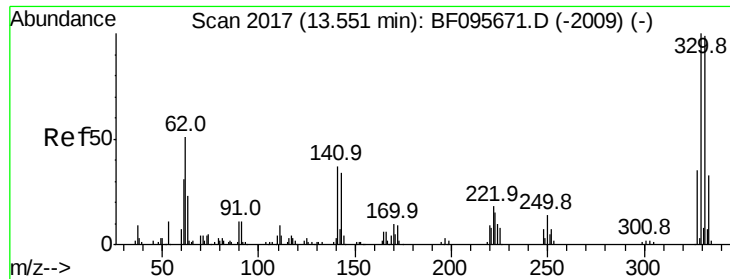
Tot Ion: 82 Resp: 323034
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 47.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Tgt Ion:164 Resp: 106634
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.6 36.2 54.2

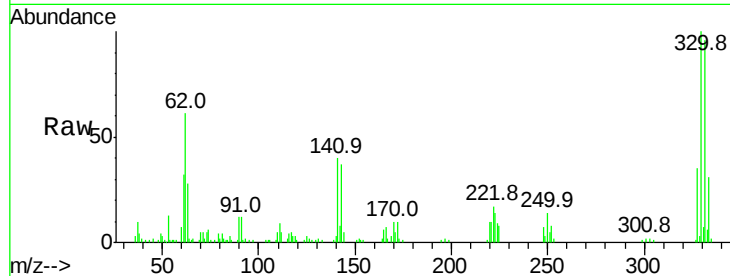




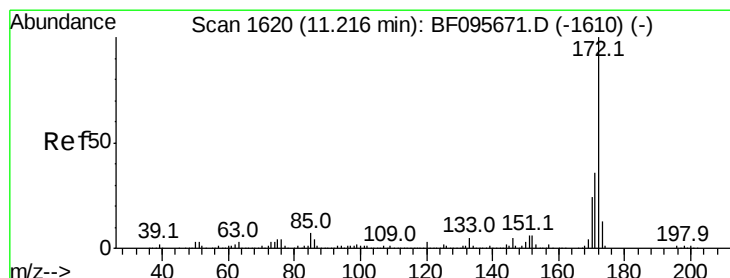
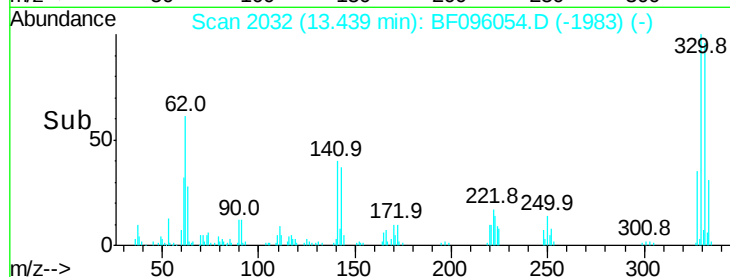
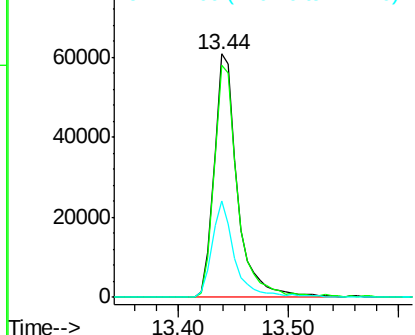
#41
2,4,6-Tribromophenol
Concen: 93.97 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096054.D
Acq: 20 Jun 2017 20:15

Instrument :
BNA_F
ClientSampled :
SB-05-5-6

Tot Ion:330 Resp: 88654
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 38.0 31.4 47.2

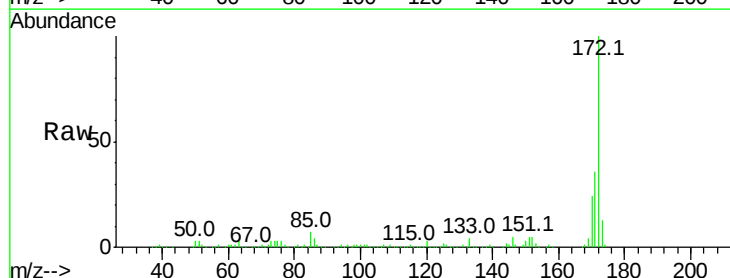


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

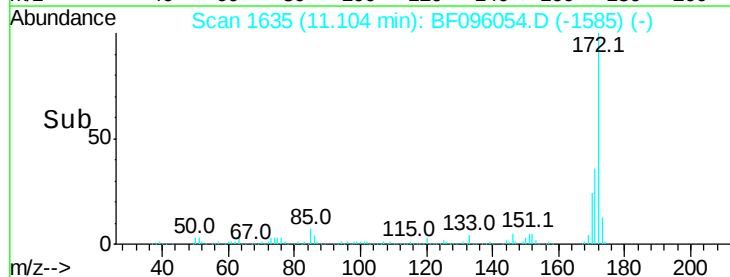
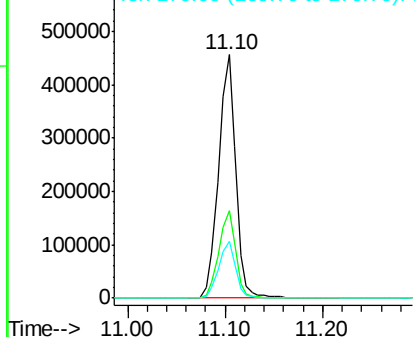


#44
2-Fluorobiphenyl
Concen: 72.82 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096054.D
Acq: 20 Jun 2017 20:15

Tgt Ion:172 Resp: 557995
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.6 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

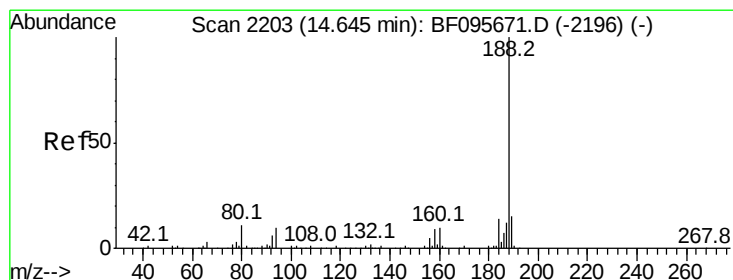
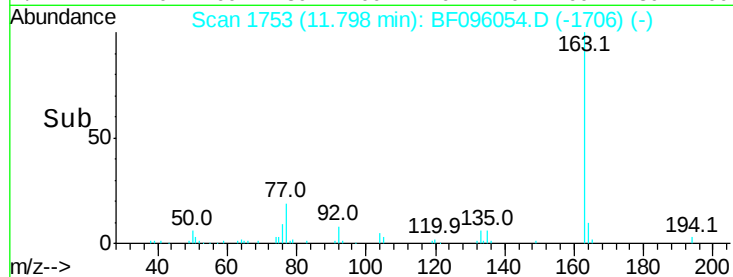
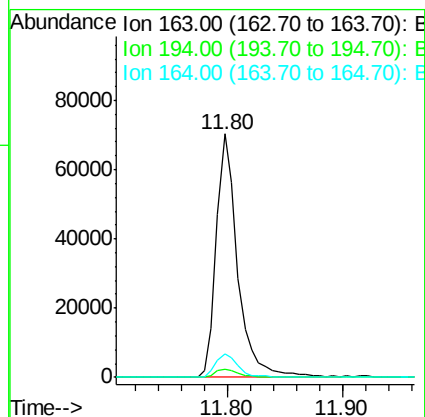
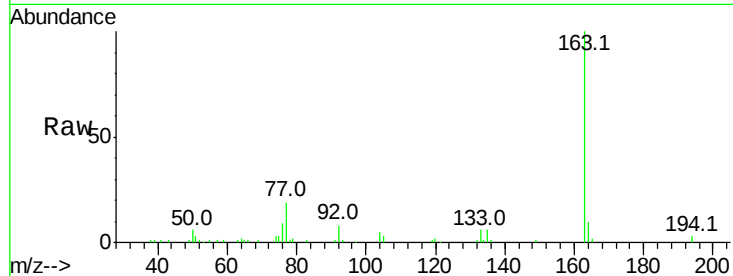




#49
Dimethylphthalate
Concen: 11.17 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096054.D
Acq: 20 Jun 2017 20:15

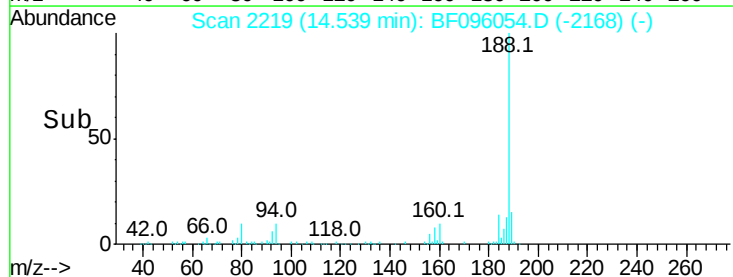
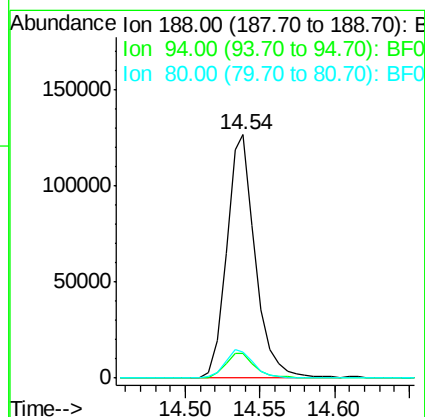
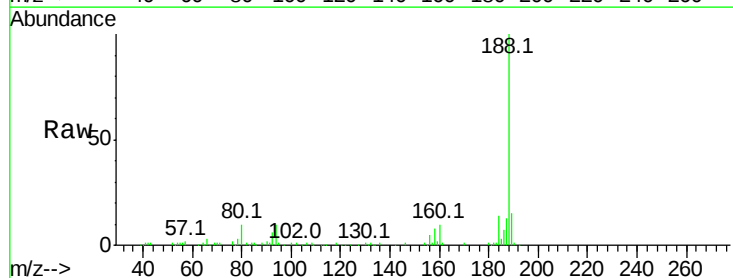
Instrument :
BNA_F
ClientSampleId :
SB-05-5-6

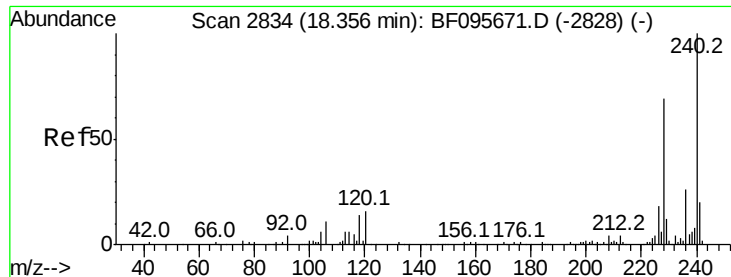
Tot Ion:163 Resp: 90460
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.7 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096054.D
Acq: 20 Jun 2017 20:15

Tgt Ion:188 Resp: 169675
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.5 10.2 15.2

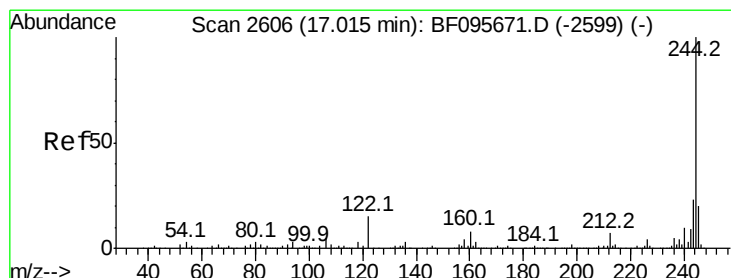
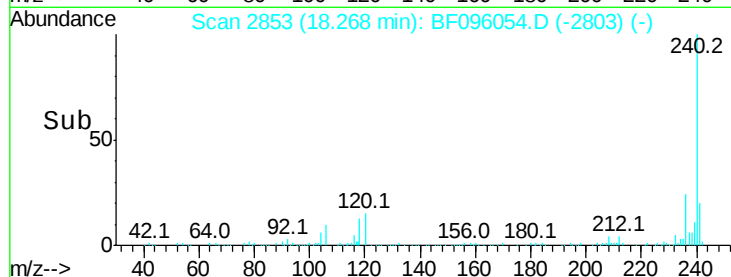
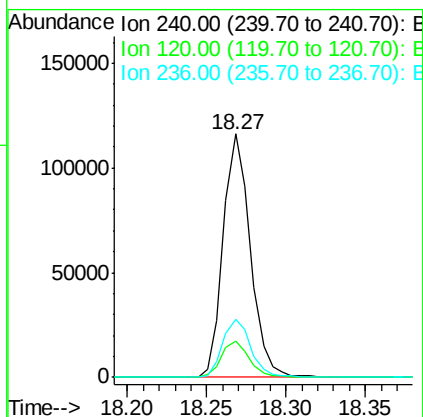
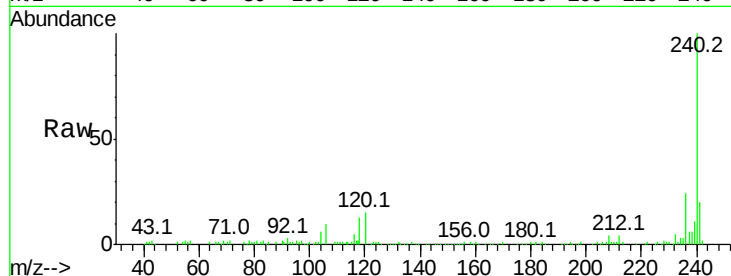




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

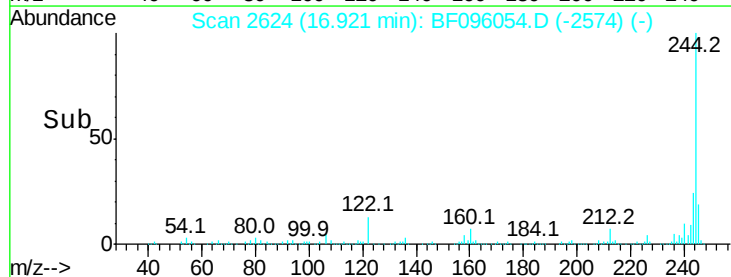
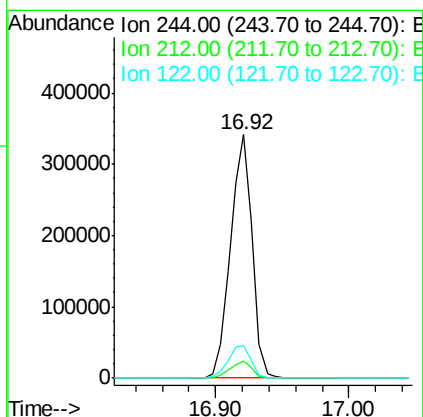
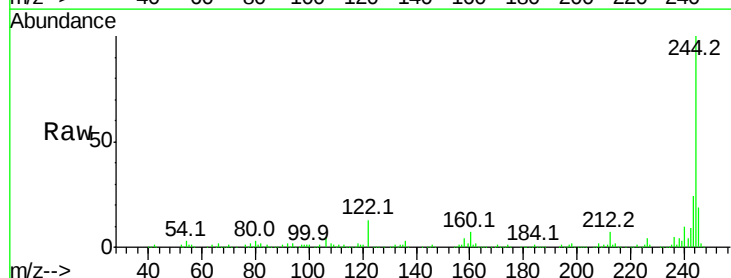
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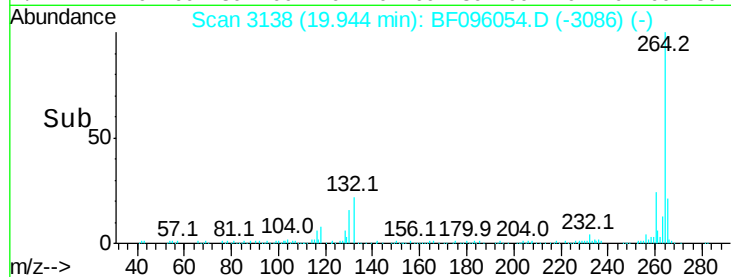
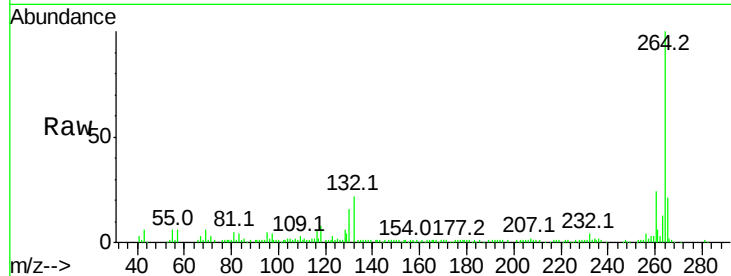
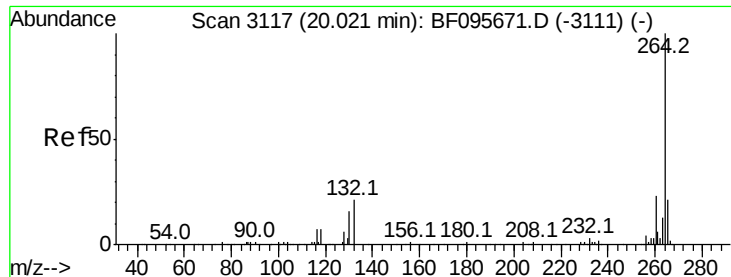
Tot Ion:240 Resp: 138326
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 69.65 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096054.D
 Acq: 20 Jun 2017 20:15

Tgt Ion:244 Resp: 388230
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.4 10.3 15.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 19.94 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BF096054.D

Acq: 20 Jun 2017 20:15

Instrument :

BNA_F

ClientSampleId :

SB-05-5-6

Tot Ion:264 Resp: 99212

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.7 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

