

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095741.D
 Acq On : 7 Jun 2017 10:57
 Operator : SJ/MA
 Sample : I3469-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)20170603

Quant Time: Jun 07 11:39:14 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

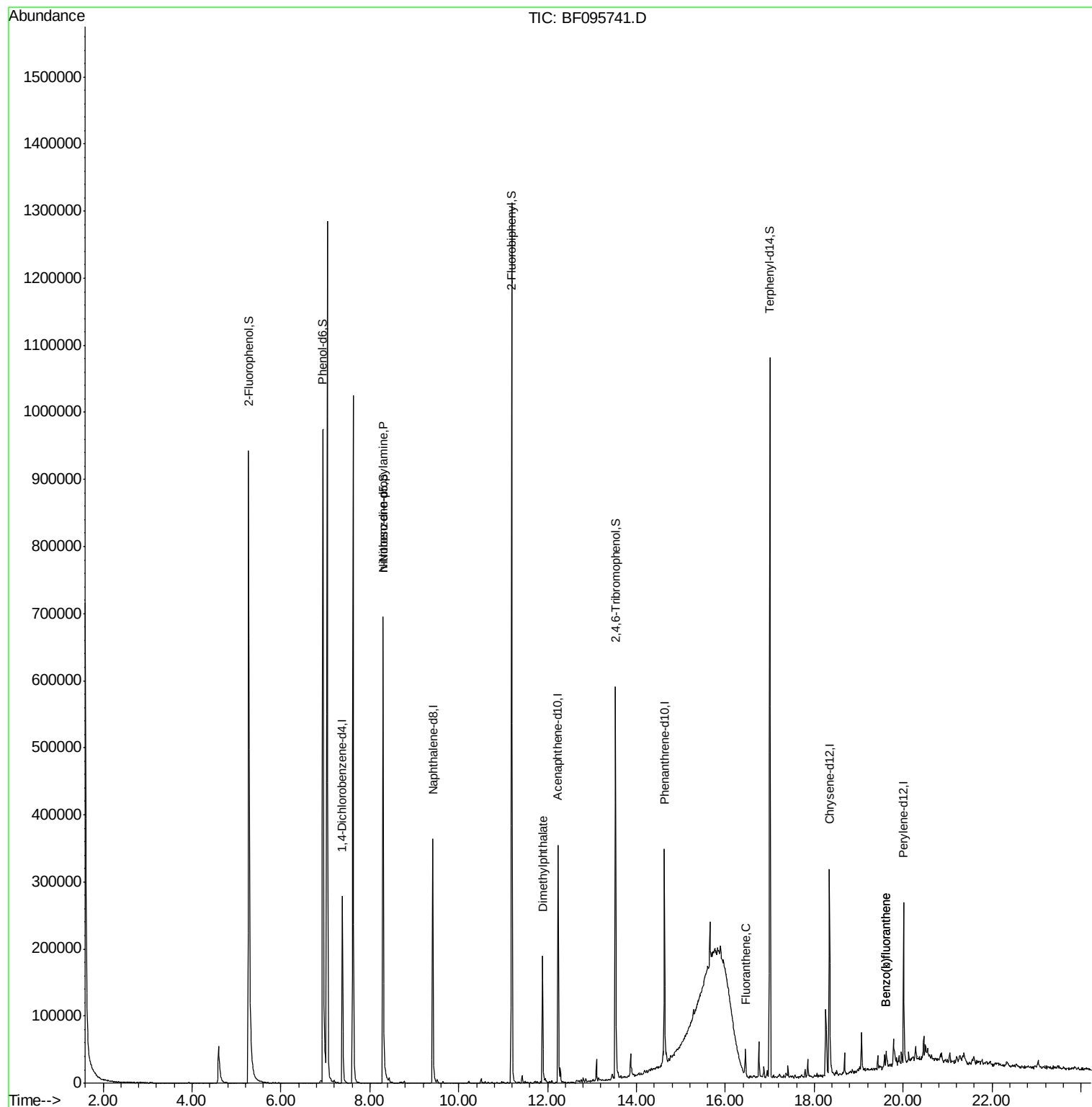
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	68561	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	261323	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	101820	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	155736	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	134713	20.00	ng	-0.01
86) Perylene-d12	20.01	264	96403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	524747	121.96	ng	-0.01
7) Phenol-d6	6.95	99	613319	119.07	ng	-0.01
23) Nitrobenzene-d5	8.30	82	338965	80.56	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	92622	102.81	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	594513	81.25	ng	-0.02
78) Terphenyl-d14	17.00	244	380885	70.17	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	43260	13.25	ng	# 75
49) Dimethylphthalate	11.89	163	111312	14.40	ng	99
74) Fluoranthene	16.45	202	20181	2.27	ng	94
87) Benzo(b)fluoranthene	19.62	252	14260	2.36	ng	# 94
88) Benzo(k)fluoranthene	19.62	252	14260	2.47	ng	98

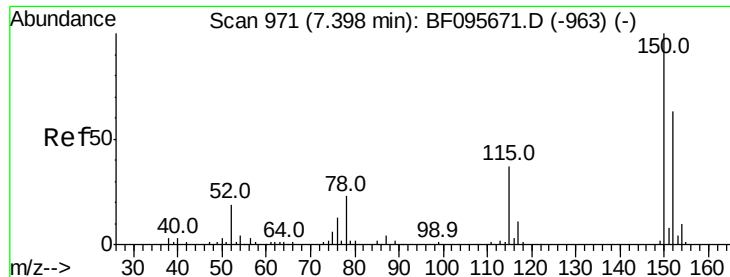
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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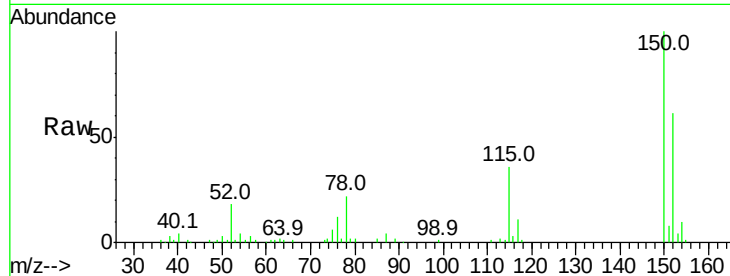


#1

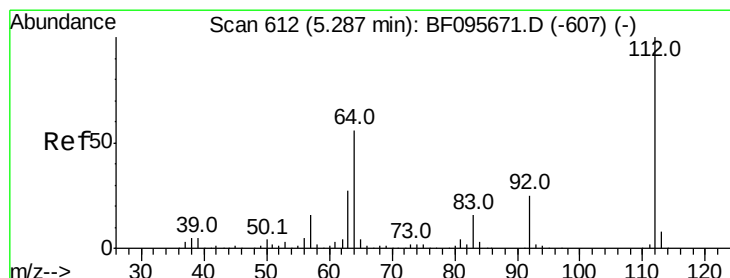
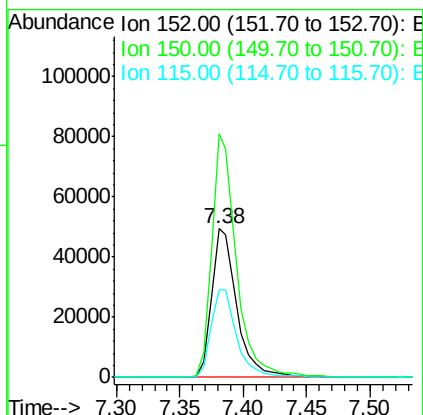
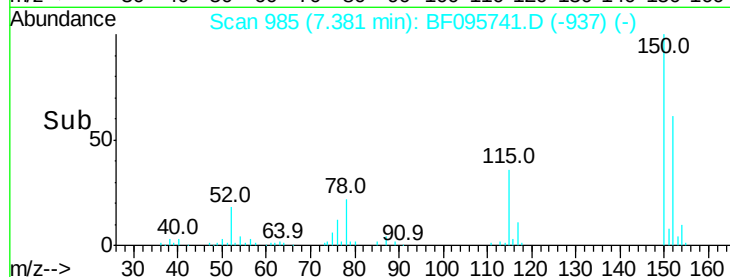
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095741.D
Acq: 7 Jun 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)20170603

Tot Ion:152 Resp: 68561
Ion Ratio Lower Upper
152 100
150 164.1 126.2 189.2
115 59.0 52.2 78.2



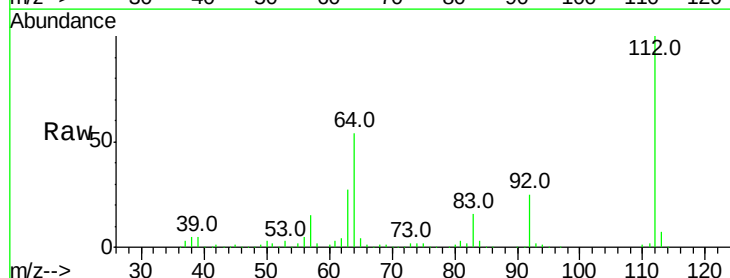
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



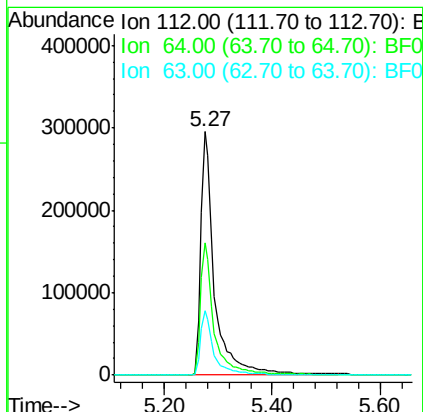
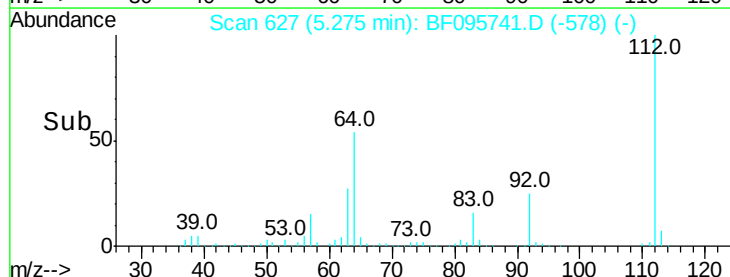
#5

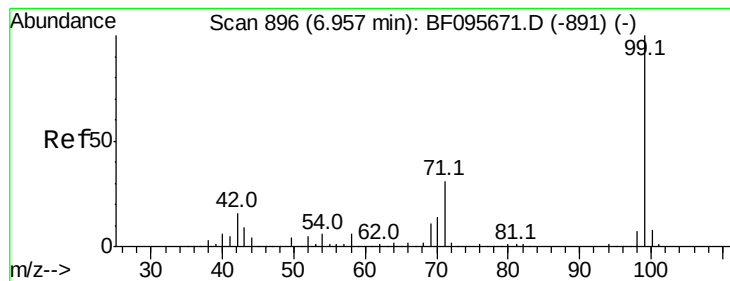
2-Fluorophenol
Concen: 121.96 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095741.D
Acq: 7 Jun 2017 10:57

Tgt Ion:112 Resp: 524747
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 26.6 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: 119.07 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

Instrument :

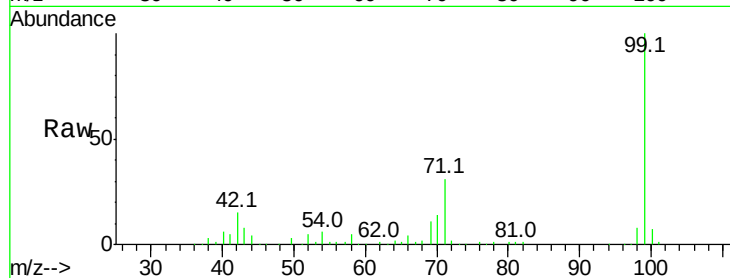
BNA_F

ClientSampleId :

SB-6(0-2)20170603

Tot Ion: 99 Resp: 613319

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	31.0	24.5	36.7

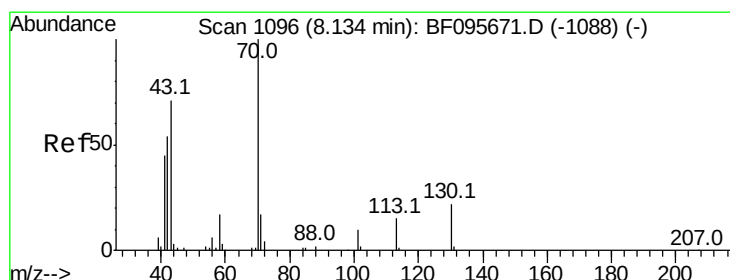
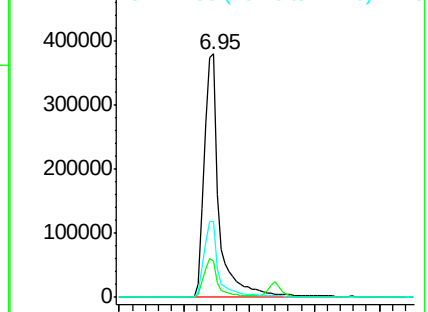
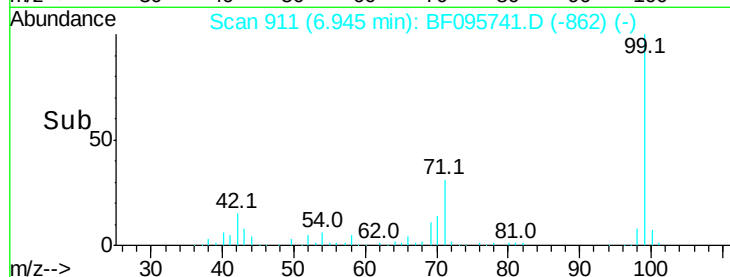


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.25 ng

RT: 8.30 min Scan# 1141

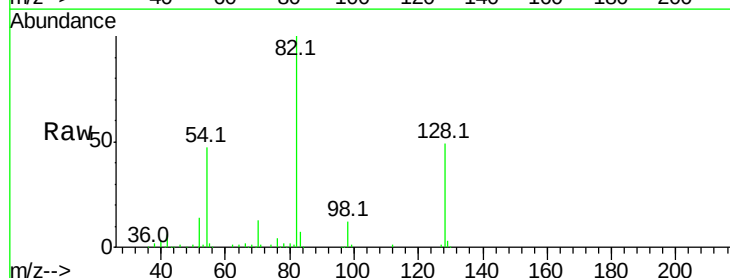
Delta R.T. 0.16 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

Tgt Ion: 70 Resp: 43260

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



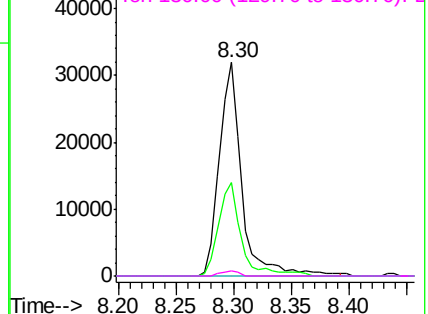
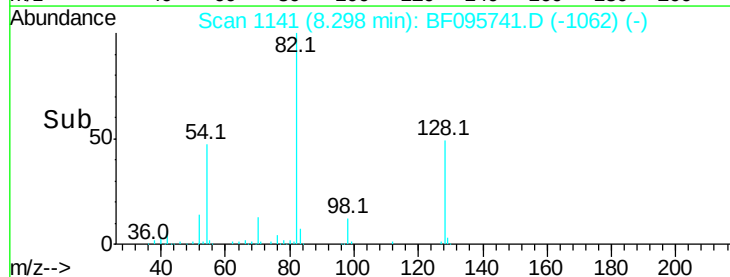
Abundance

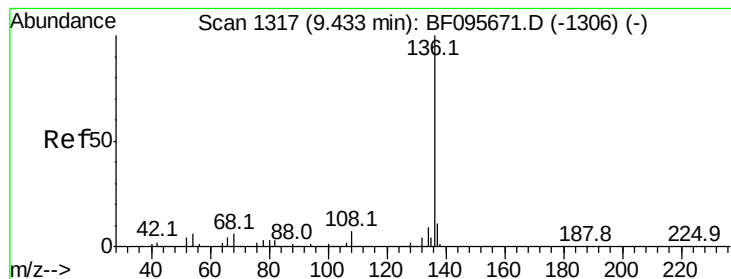
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)20170603

Tot Ion:136 Resp: 261323

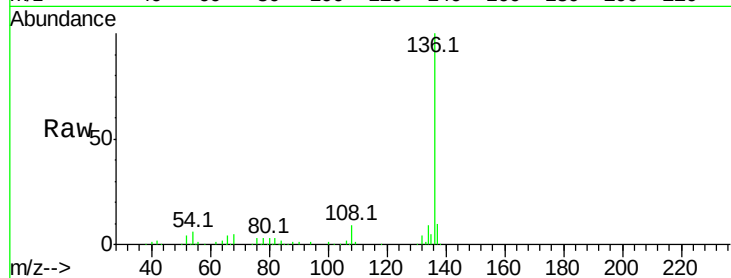
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.2 4.9 7.3

68 5.4 4.1 6.1

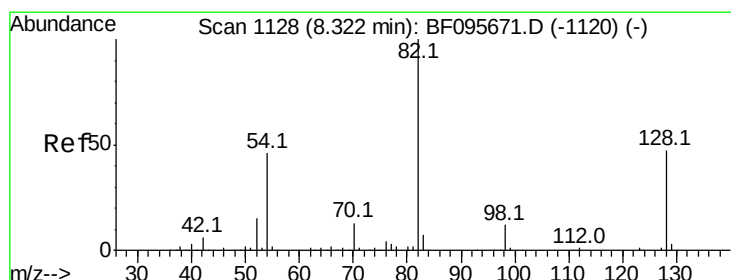
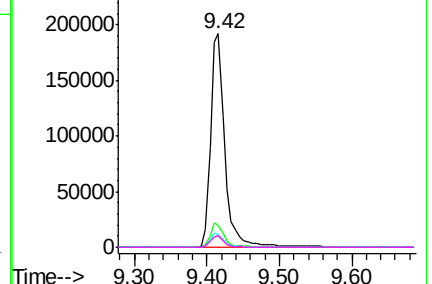
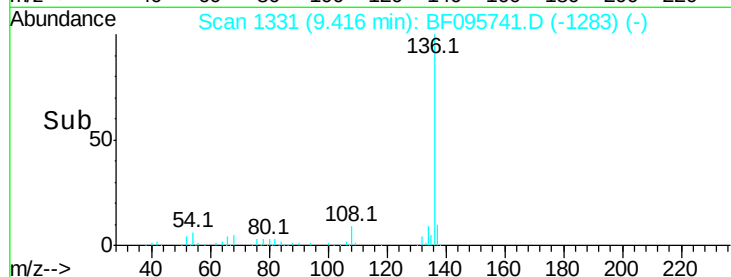


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.56 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

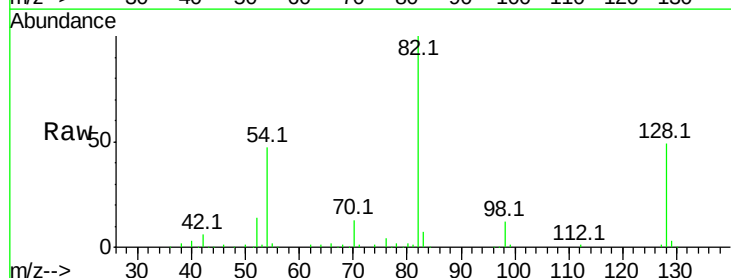
Tgt Ion: 82 Resp: 338965

Ion Ratio Lower Upper

82 100

128 49.3 34.0 51.0

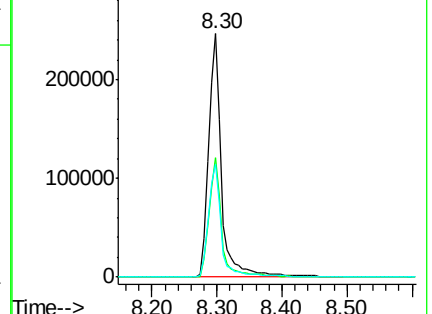
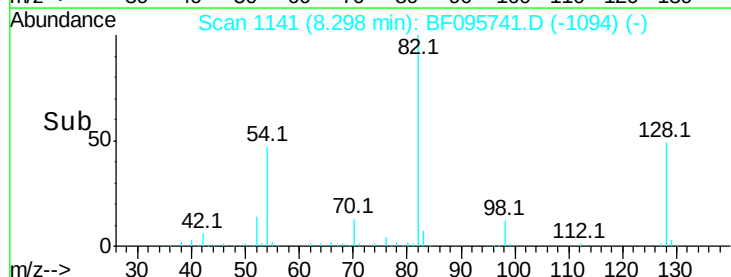
54 46.6 42.2 63.2

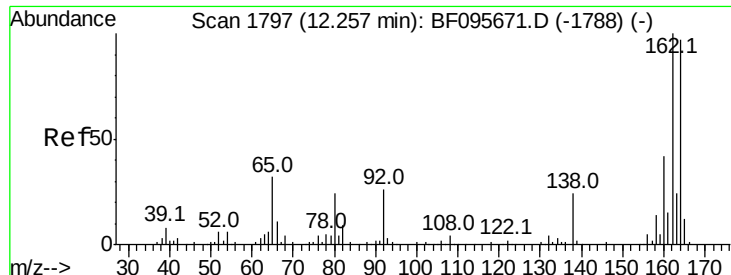


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)20170603

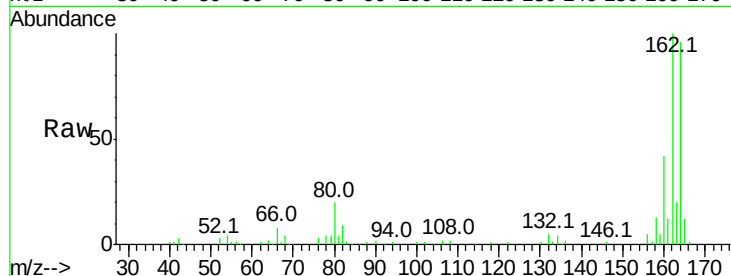
Tot Ion:164 Resp: 101820

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

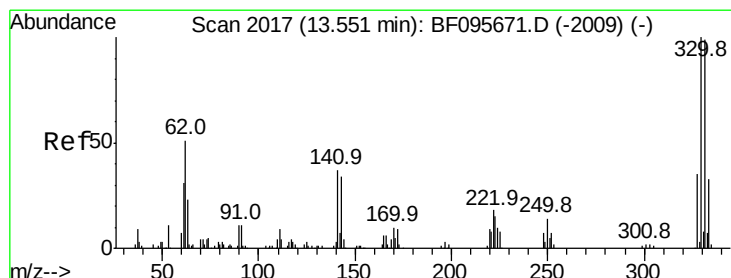
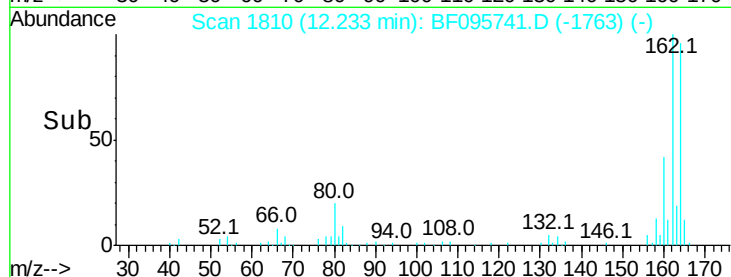
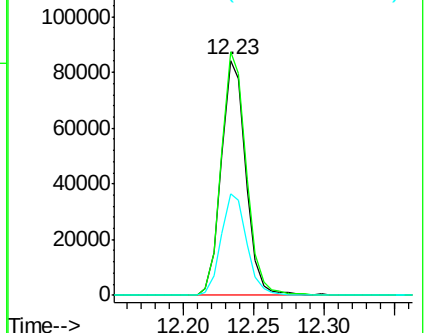
160 43.2 36.2 54.2



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: 102.81 ng

RT: 13.53 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

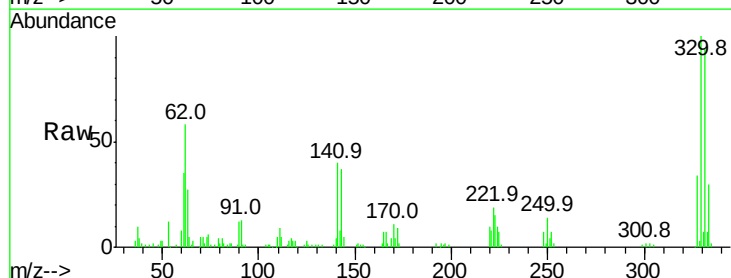
Tgt Ion:330 Resp: 92622

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

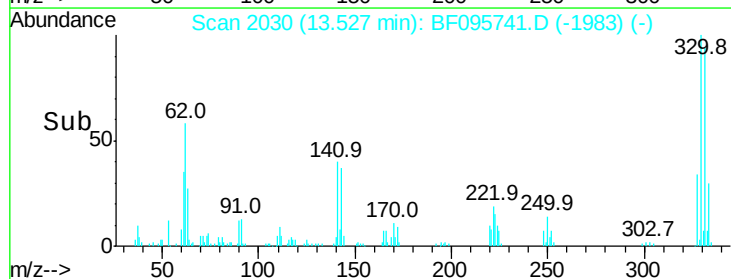
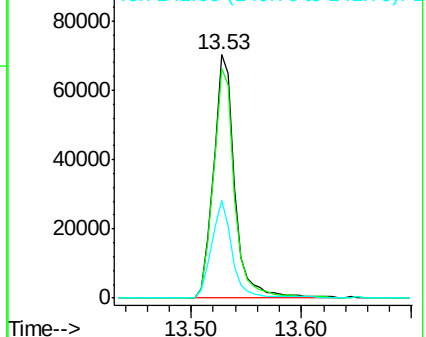
141 39.0 31.4 47.2

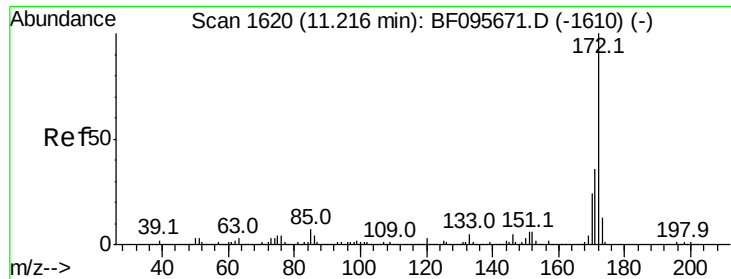


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

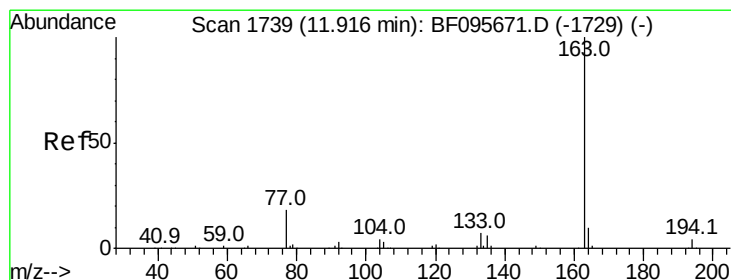
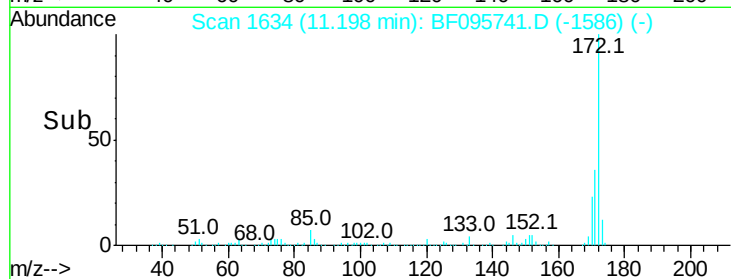
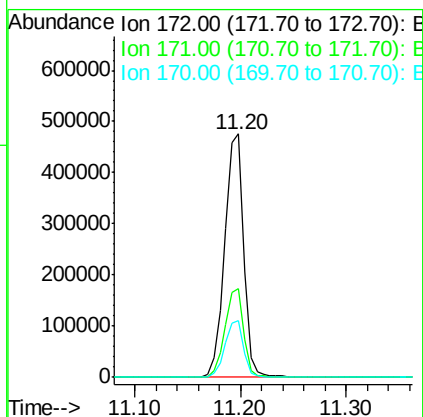
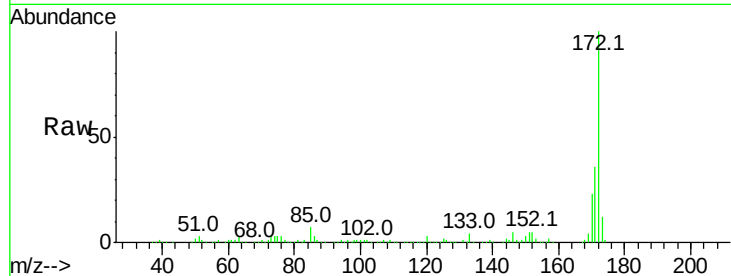




#44
2-Fluorobiphenyl
Concen: 81.25 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095741.D
Acq: 7 Jun 2017 10:57

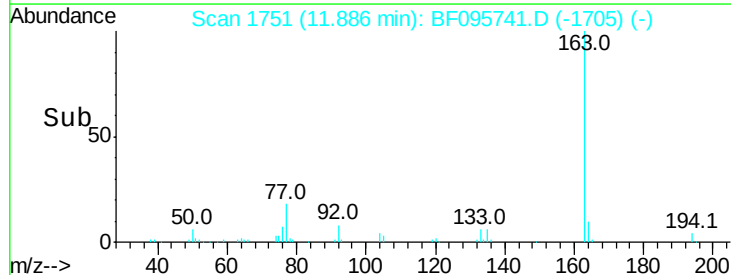
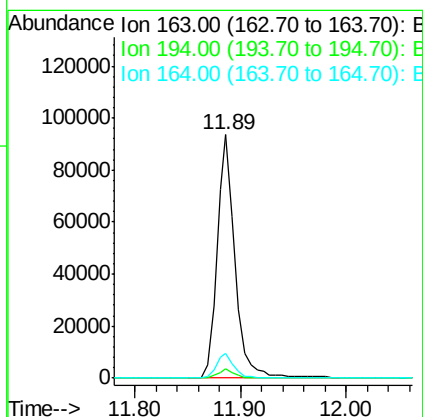
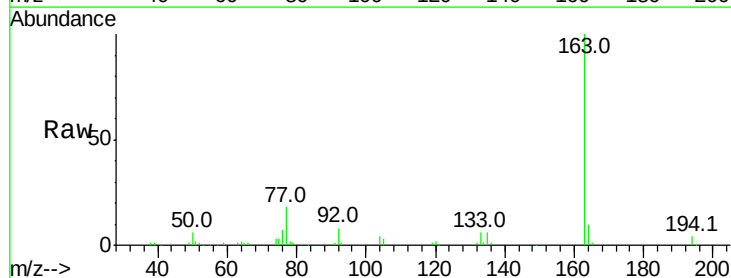
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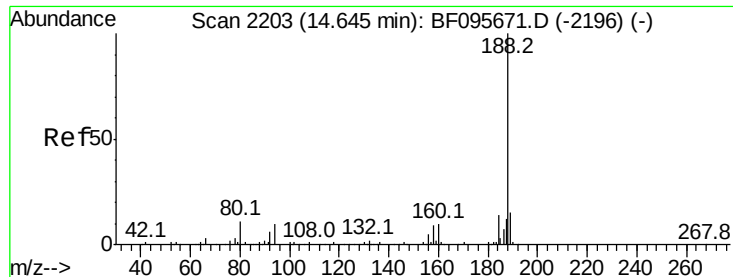
Tot Ion:172 Resp: 594513
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 14.40 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095741.D
Acq: 7 Jun 2017 10:57

Tgt Ion:163 Resp: 111312
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6

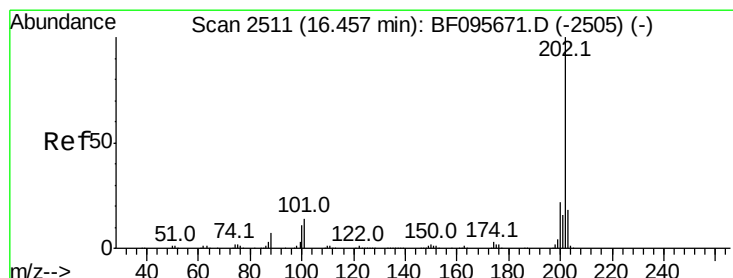
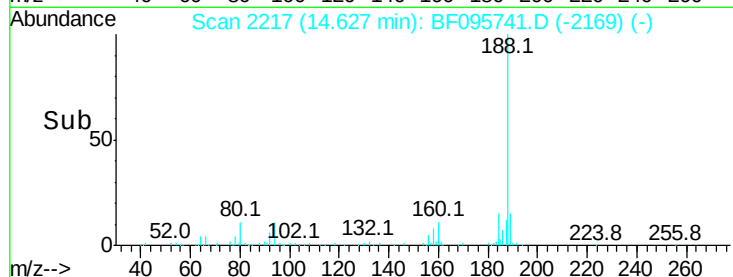
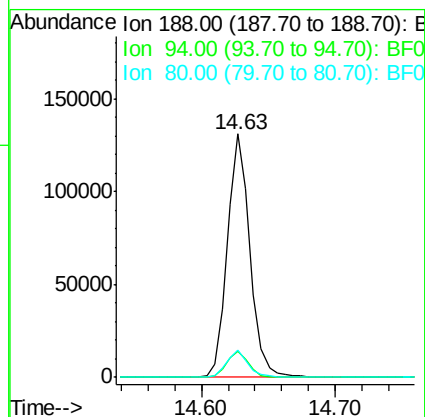
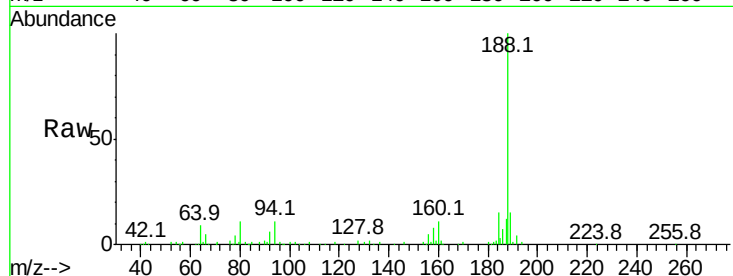




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095741.D
Acq: 7 Jun 2017 10:57

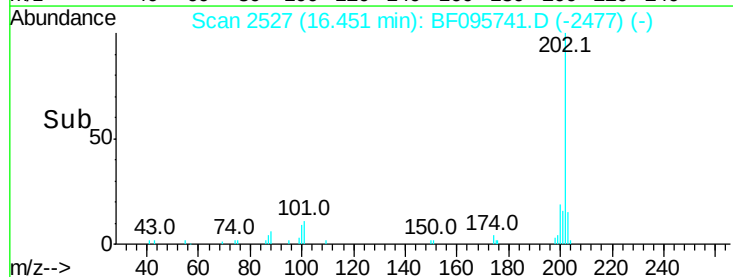
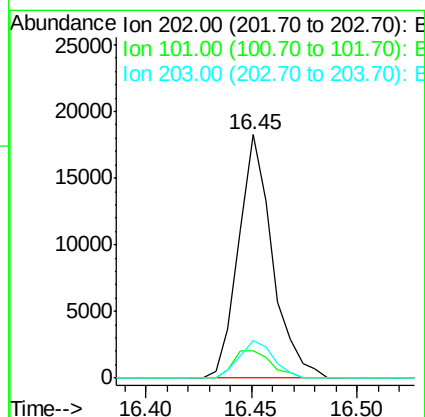
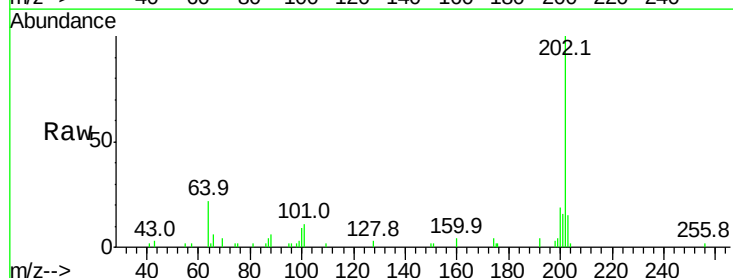
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SB-6(0-2)20170603

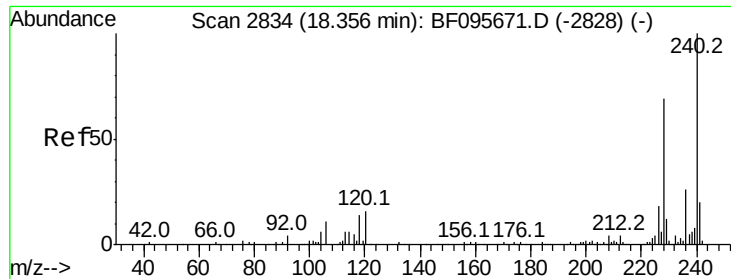
Tot Ion:188 Resp: 155736
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.3 10.2 15.2



#74
Fluoranthene
Concen: 2.27 ng
RT: 16.45 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095741.D
Acq: 7 Jun 2017 10:57

Tgt Ion:202 Resp: 20181
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.2
203 15.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)20170603

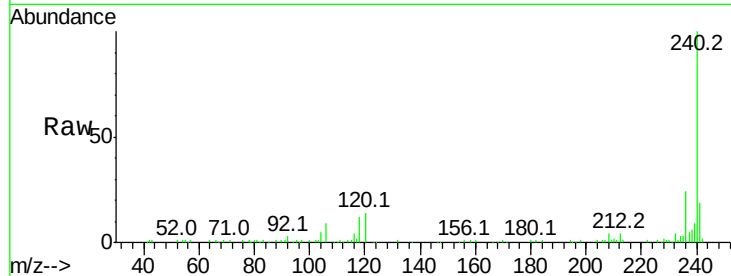
Tot Ion:240 Resp: 134713

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

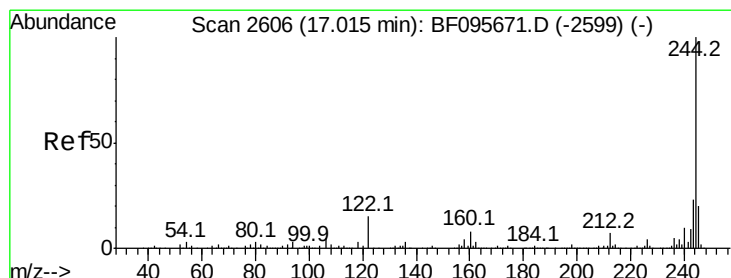
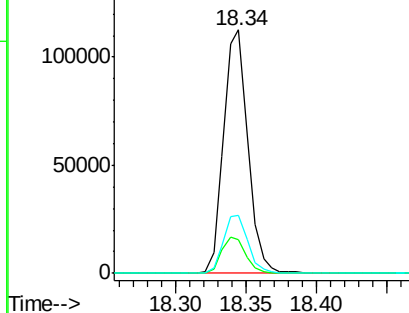
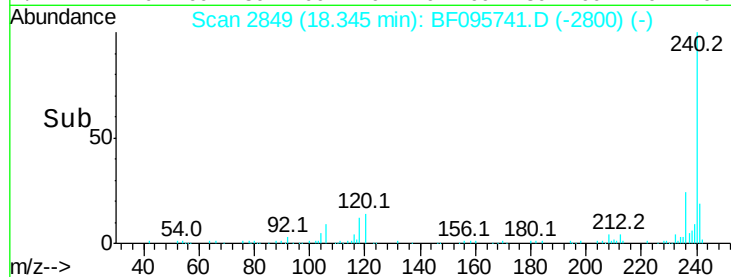
236 23.7 20.5 30.7



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: 70.17 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095741.D

Acq: 7 Jun 2017 10:57

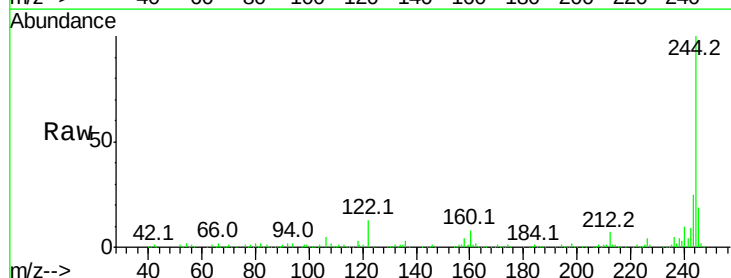
Tgt Ion:244 Resp: 380885

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

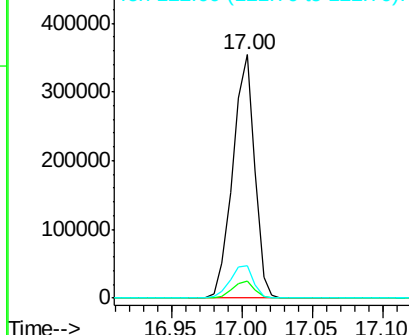
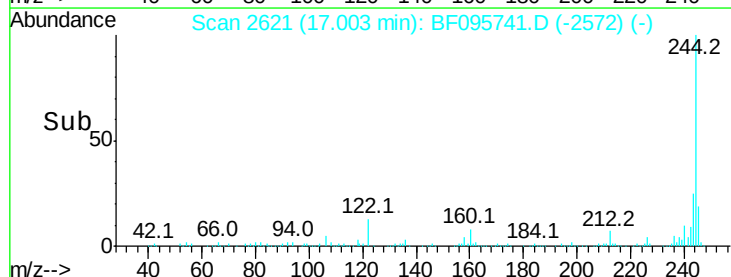
122 13.1 10.3 15.5

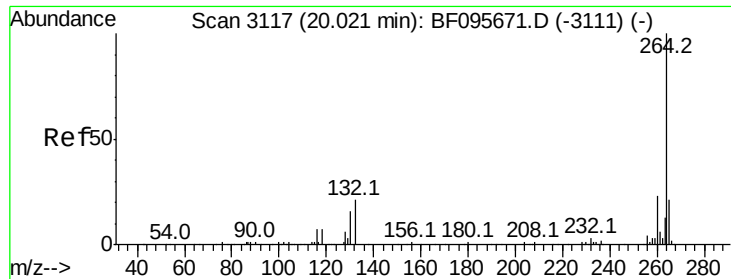


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

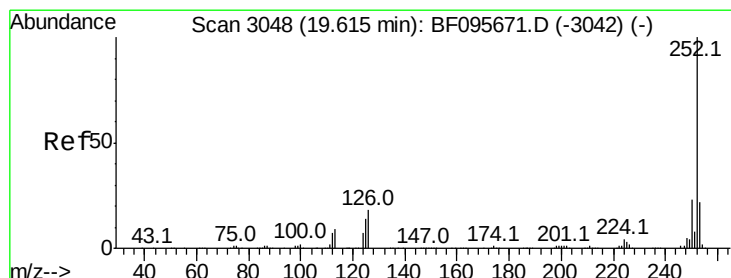
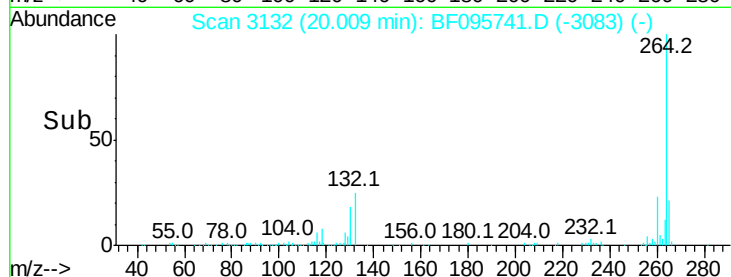
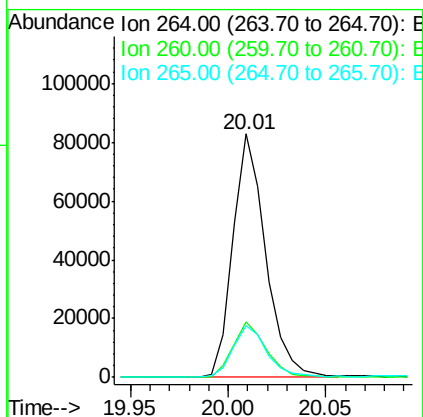
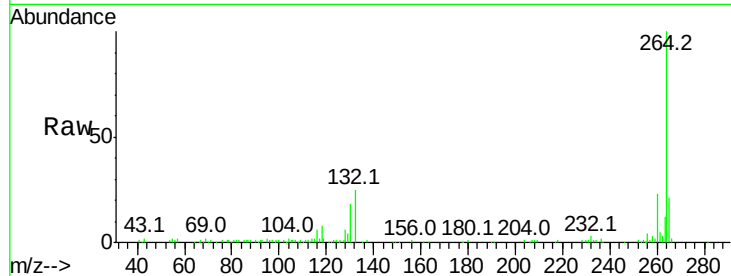




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095741.D
 Acq: 7 Jun 2017 10:57

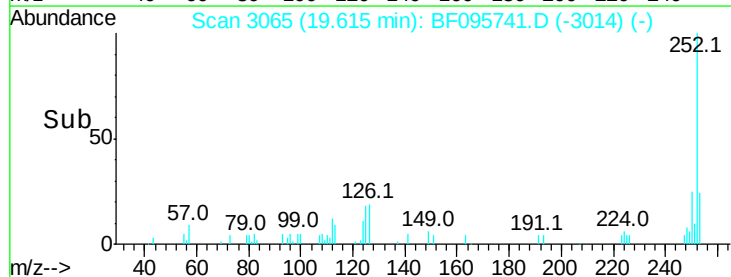
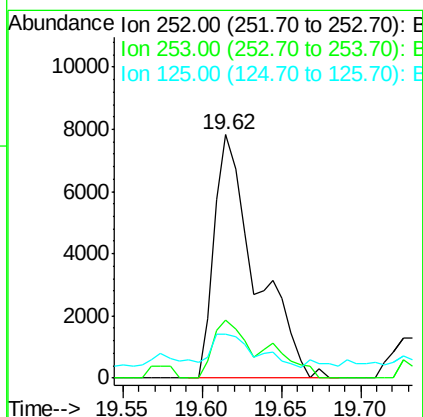
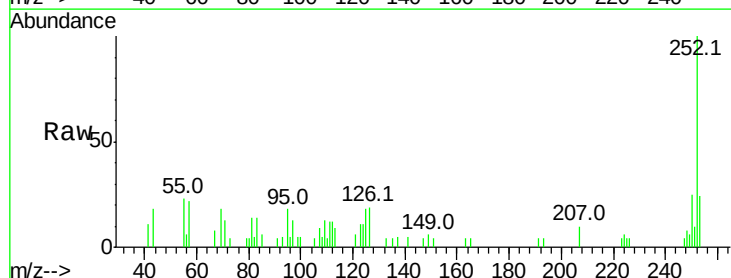
Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)20170603

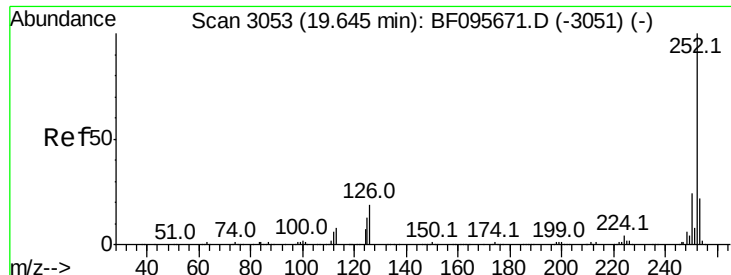
Tot Ion:264 Resp: 96403
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.0 17.2 25.8



#87
 Benzo(b)fluoranthene
 Concen: 2.36 ng
 RT: 19.62 min Scan# 3065
 Delta R.T. -0.00 min
 Lab File: BF095741.D
 Acq: 7 Jun 2017 10:57

Tgt Ion:252 Resp: 14260
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.1 27.1
 125 17.9 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.47 ng

RT: 19.62 min Scan# 3065

Delta R.T. -0.03 min

Lab File: BF095741.D

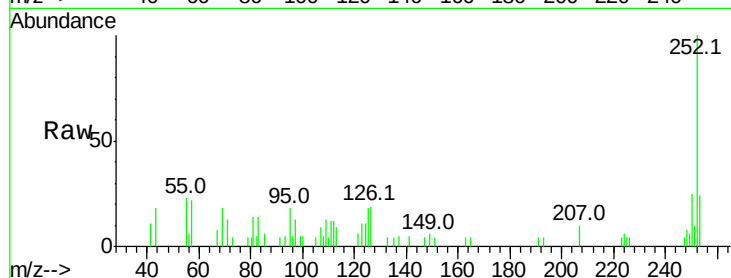
Acq: 7 Jun 2017 10:57

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)20170603



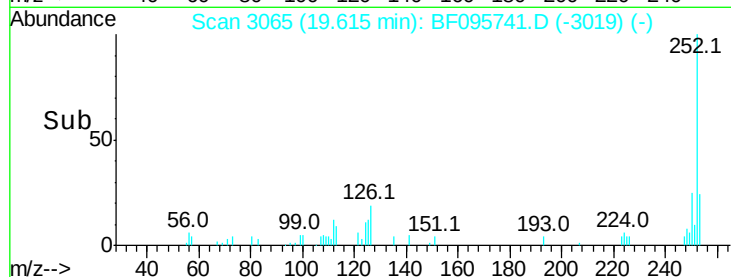
Tot Ion:252 Resp: 14260

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

125 17.9 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

