

Data File : BF095817.D
Acq On : 9 Jun 2017 12:47
Operator : SJ/MA
Sample : I3457-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-12

Quant Time: Jun 10 02:08:28 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	7.37	152	65810	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	270659	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	119809	20.00	ng	-0.04
63) Phenanthrene-d10	14.61	188	208867	20.00	ng	-0.04
75) Chrysene-d12	18.33	240	134844	20.00	ng	-0.02
86) Perylene-d12	20.00	264	127743	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	600663	145.44	ng	-0.02
7) Phenol-d6	6.93	99	725291	146.69	ng	-0.02
23) Nitrobenzene-d5	8.29	82	409075	93.87	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	142805	134.72	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	674074	78.29	ng	-0.04
78) Terphenyl-d14	16.99	244	458166	84.32	ng	-0.02

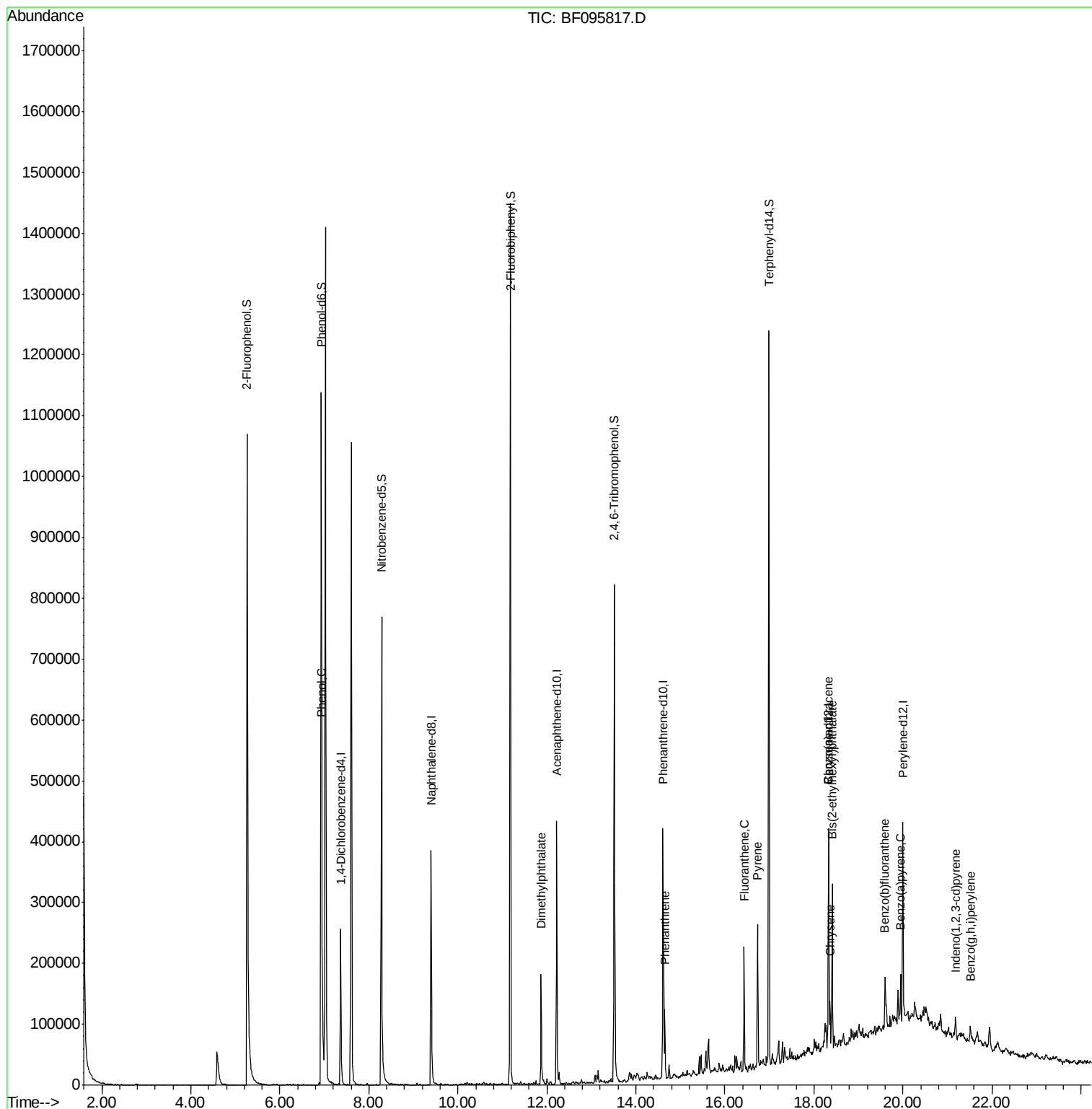
Target Compounds						Qvalue
10) Phenol	6.95	94	11044	2.15	ng	# 63
49) Dimethylphthalate	11.87	163	113513	12.48	ng	100
70) Phenanthrene	14.65	178	67242	5.58	ng	96
74) Fluoranthene	16.43	202	102428	8.59	ng	100
77) Pyrene	16.73	202	97685	9.71	ng	95
80) Benzo(a)anthracene	18.32	228	34293	4.37	ng	94
82) Chrysene	18.36	228	36255	4.63	ng	98
83) Bis(2-ethylhexyl)phthalate	18.41	149	95285	15.37	ng	# 98
85) Indeno(1,2,3-cd)pyrene	21.18	276	18155	2.71	ng	# 92
87) Benzo(b)fluoranthene	19.60	252	40822m	5.10	ng	
89) Benzo(a)pyrene	19.94	252	30526	4.15	ng	# 89
91) Benzo(g,h,i)perylene	21.52	276	17943	2.82	ng	95

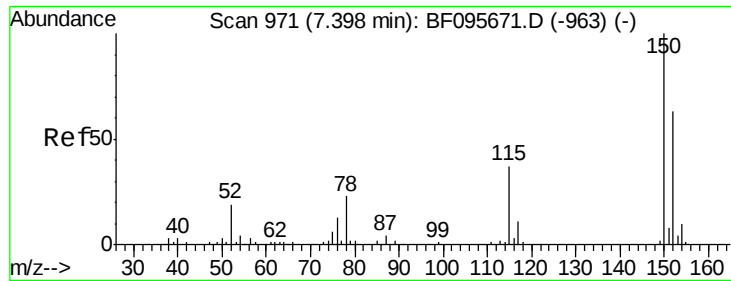
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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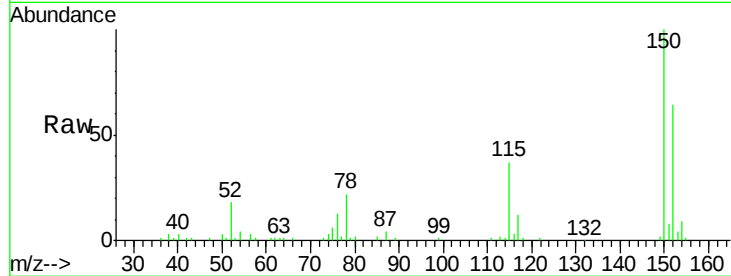


#1

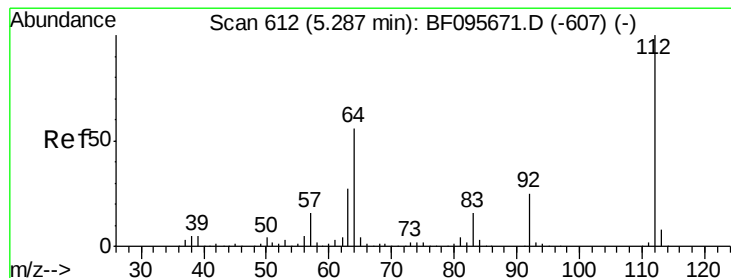
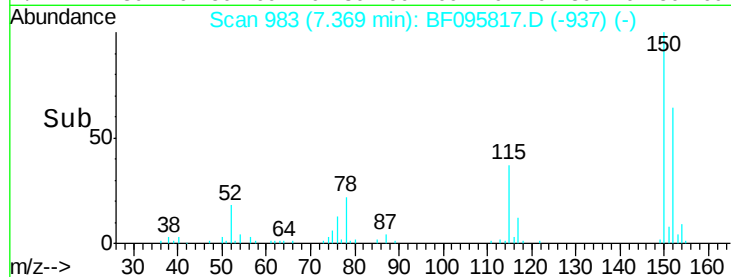
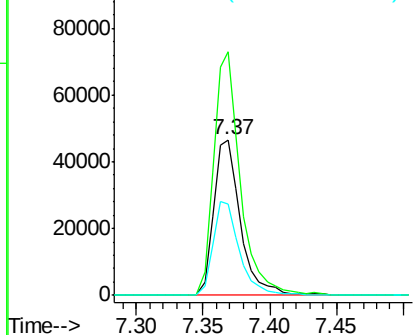
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

Instrument :
BNA_F
ClientSampled :
S-12

Tgt Ion:152 Resp: 65810
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 58.4 52.2 78.2



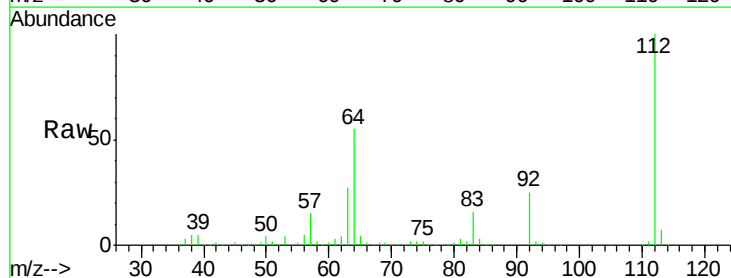
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



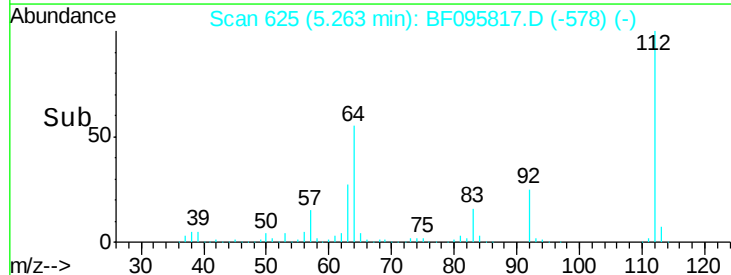
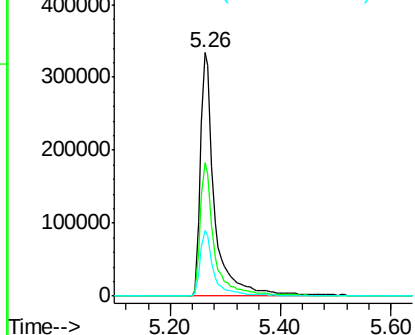
#5

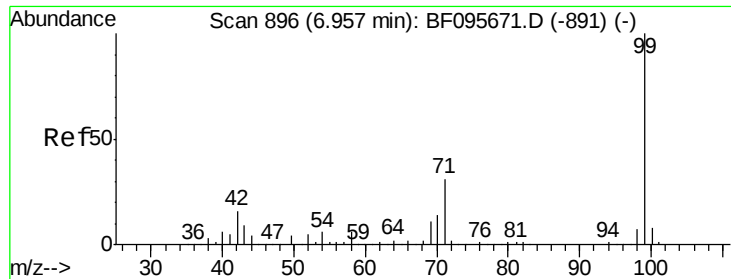
2-Fluorophenol
Concen: 145.44 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

Tgt Ion:112 Resp: 600663
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.1 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: 146.69 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

Instrument :

BNA_F

ClientSampled :

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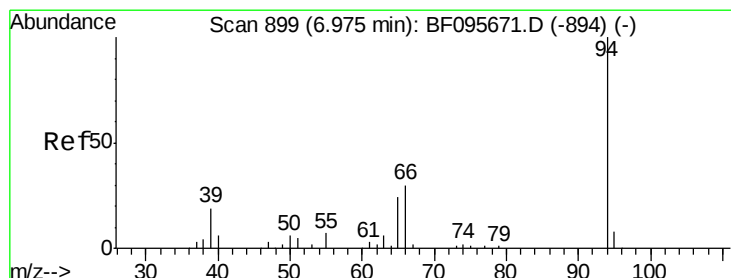
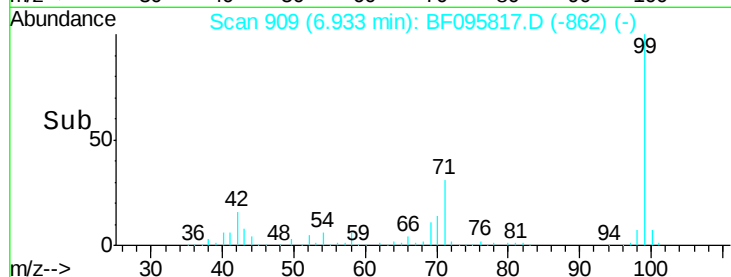
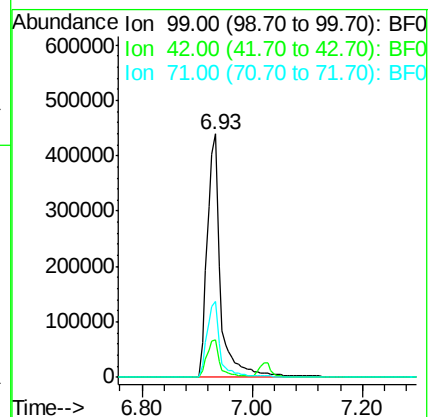
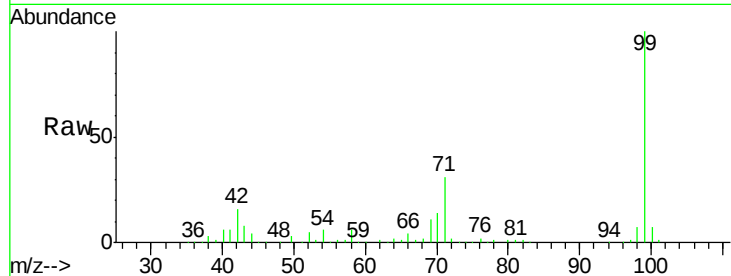
Tgt Ion: 99 Resp: 725291

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 31.1 24.5 36.7



#10

Phenol

Concen: 2.15 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

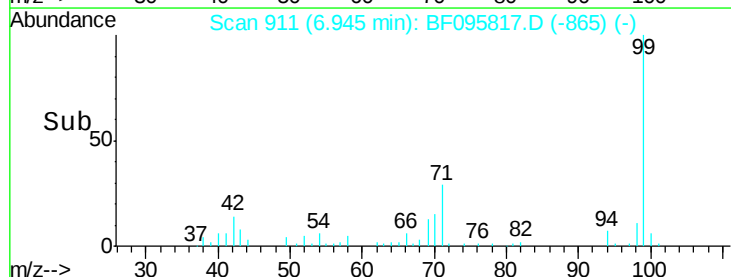
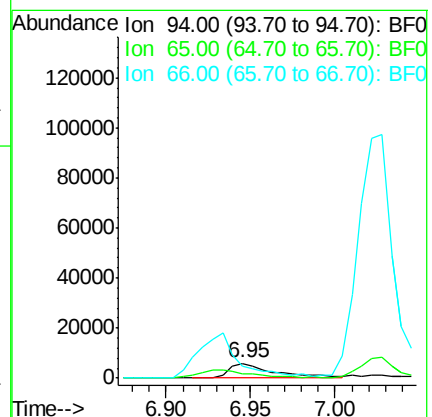
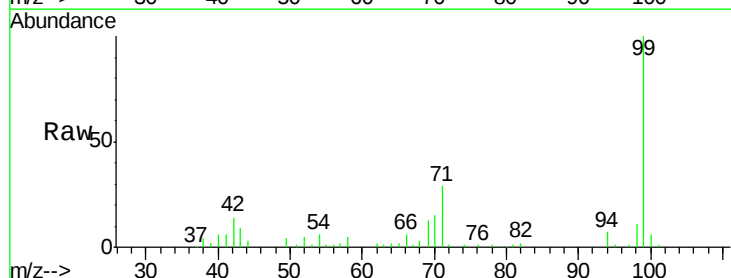
Tgt Ion: 94 Resp: 11044

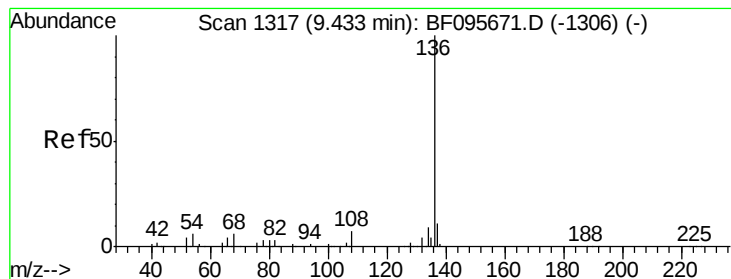
Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

66 81.1 23.1 63.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 136 Resp: 270659

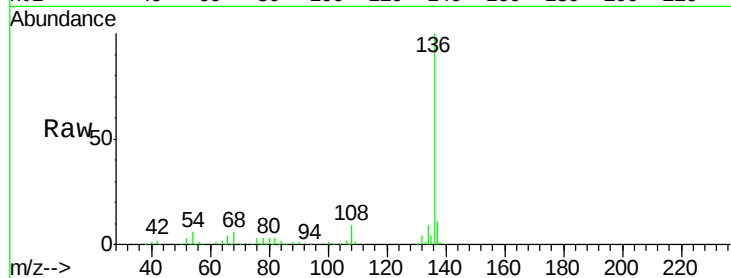
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.5 4.9 7.3

68 5.6 4.1 6.1

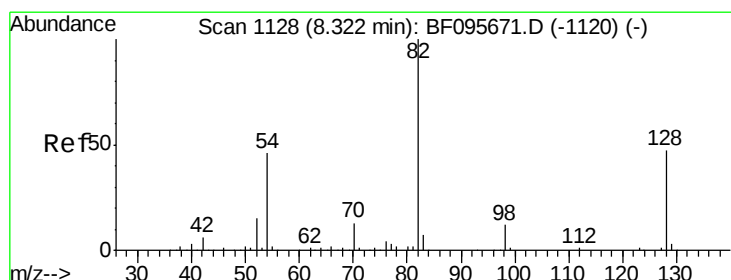
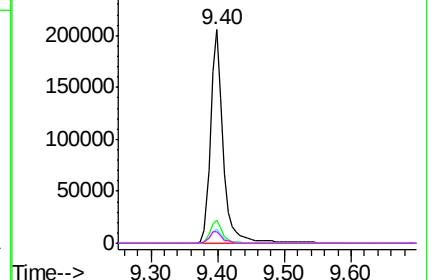
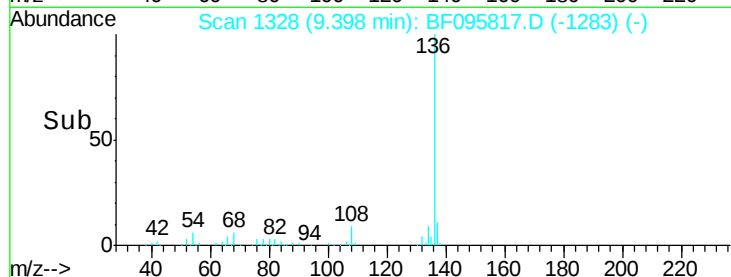


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.87 ng

RT: 8.29 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

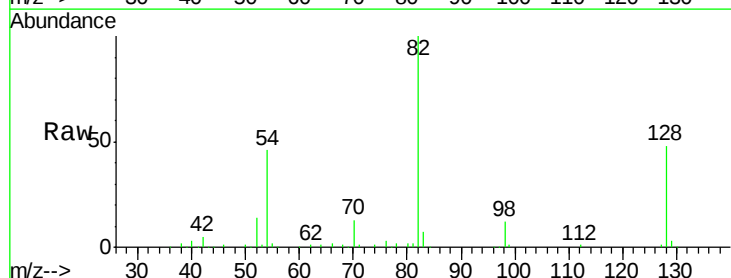
Tgt Ion: 82 Resp: 409075

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

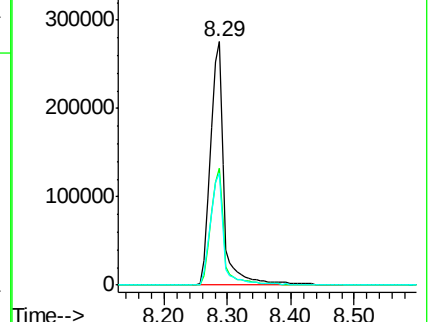
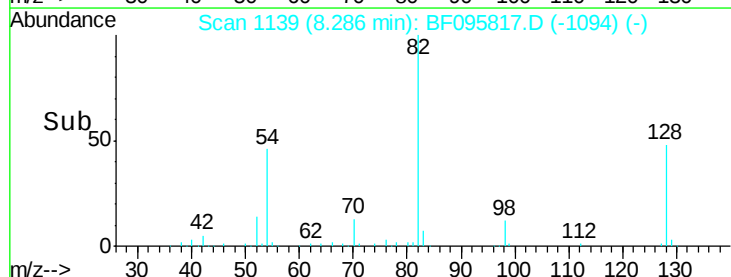
54 46.0 42.2 63.2

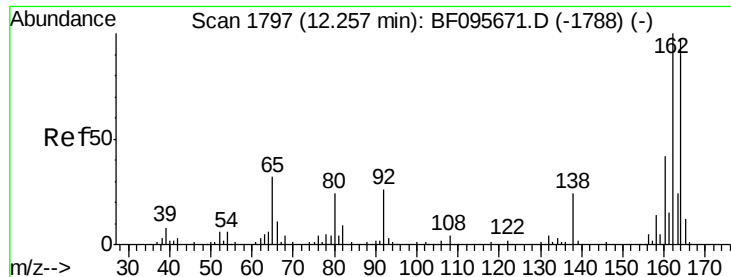


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

Instrument :

BNA_F

ClientSampled :

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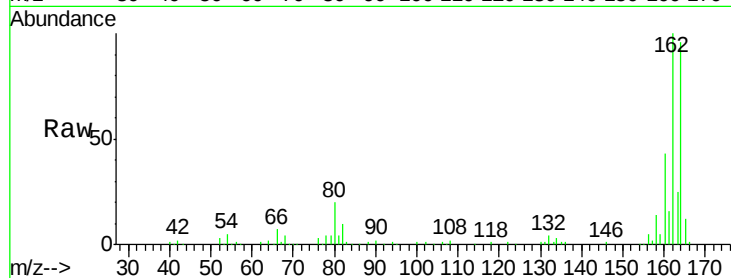
Tgt Ion:164 Resp: 119809

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

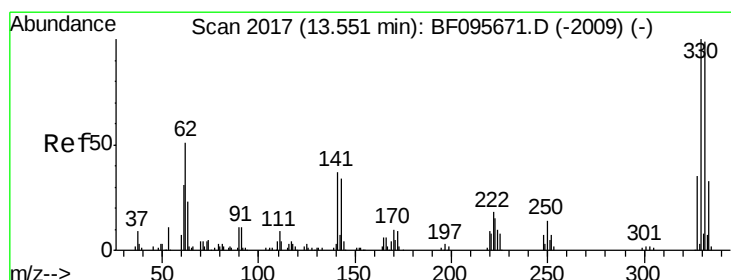
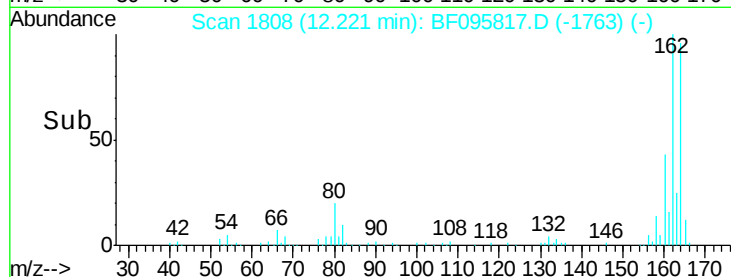
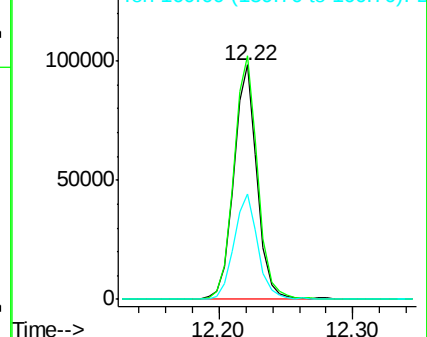
160 44.8 36.2 54.2



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: 134.72 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

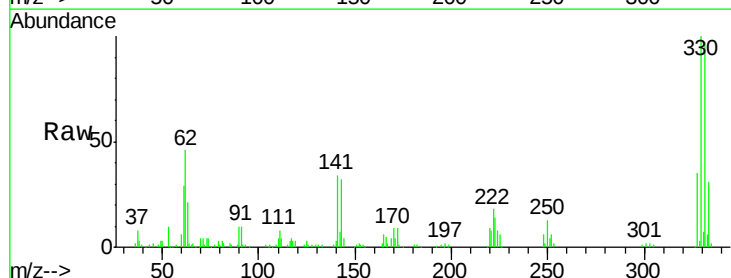
Tgt Ion:330 Resp: 142805

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

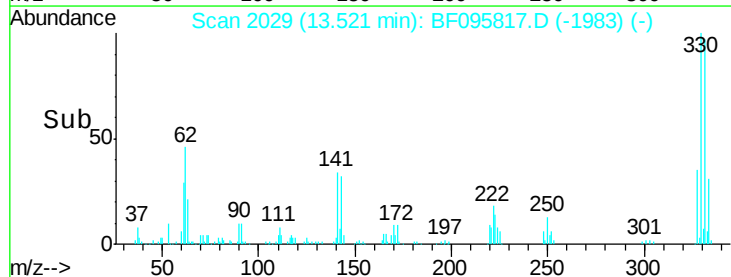
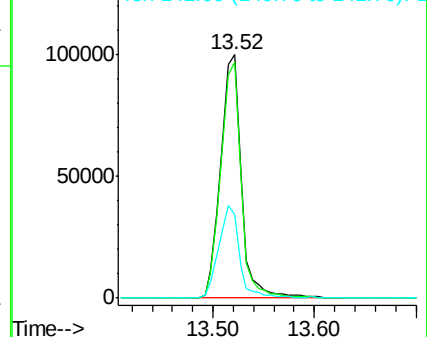
141 37.9 31.4 47.2

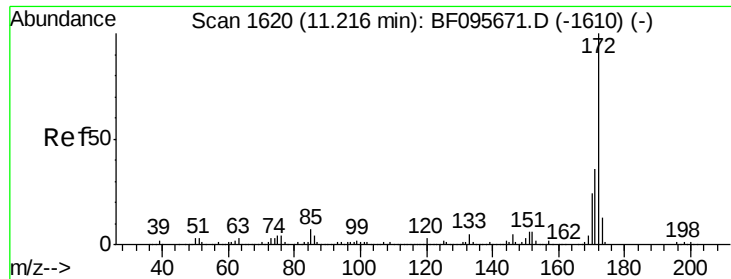


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

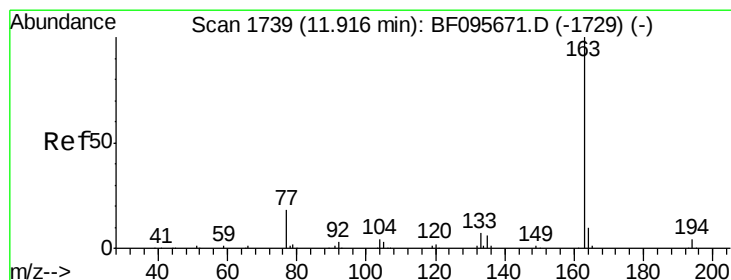
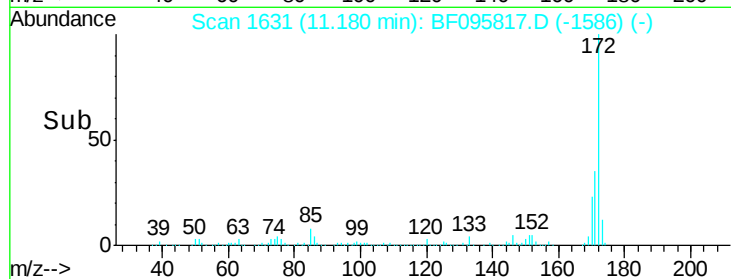
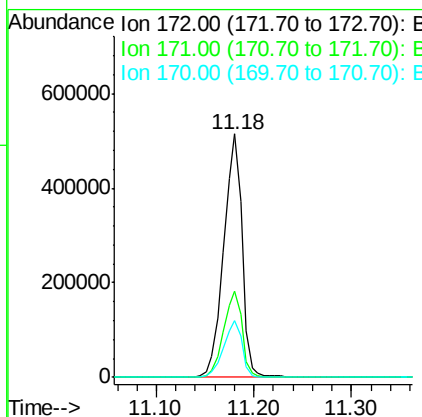
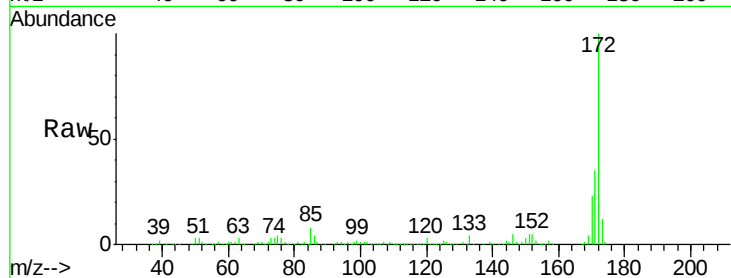




#44
2-Fluorobiphenyl
Concen: 78.29 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

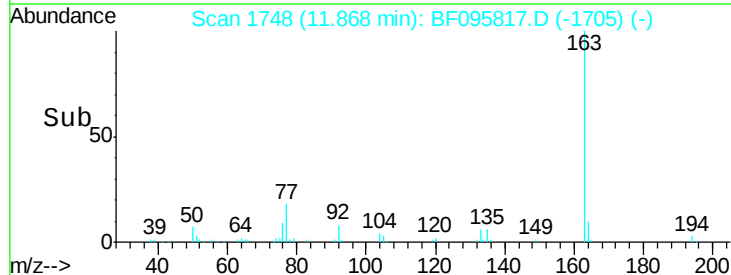
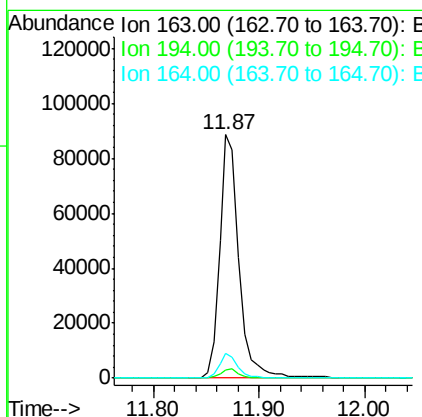
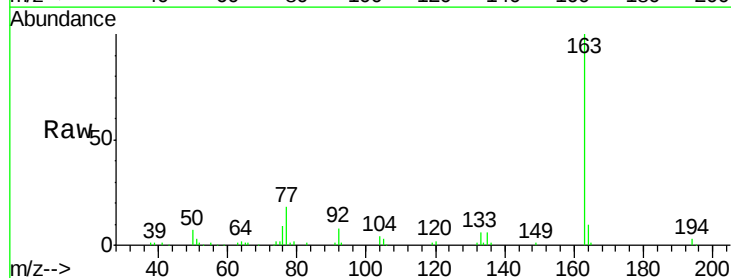
Instrument :
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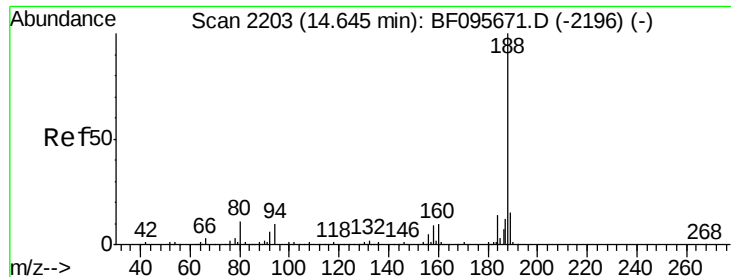
Tgt Ion:172 Resp: 674074
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.1 19.8 29.8



#49
Dimethylphthalate
Concen: 12.48 ng
RT: 11.87 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

Tgt Ion:163 Resp: 113513
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.4 12.6

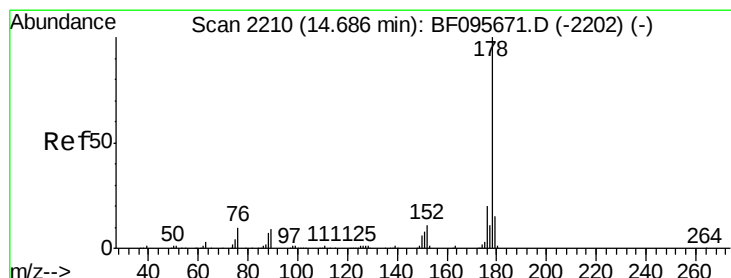
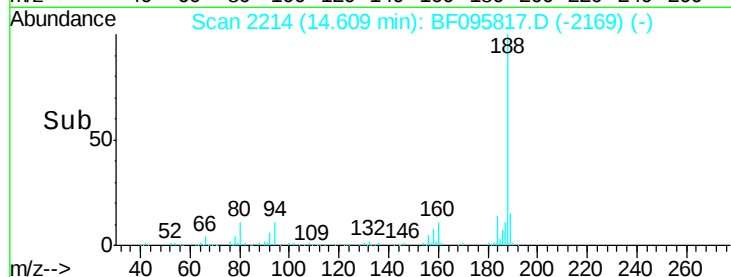
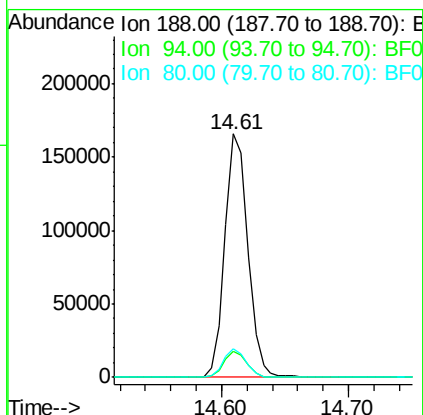
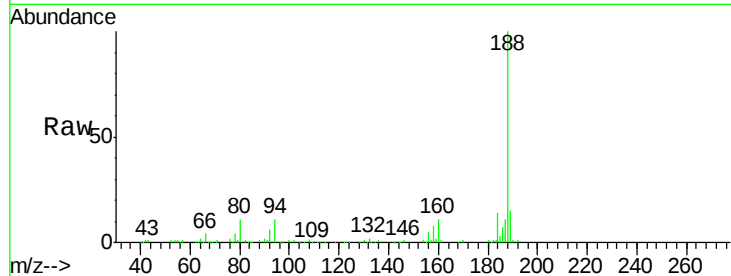




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

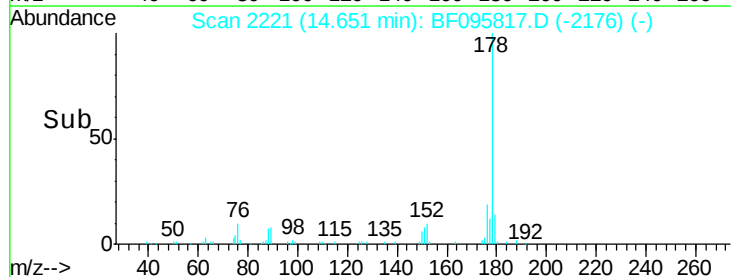
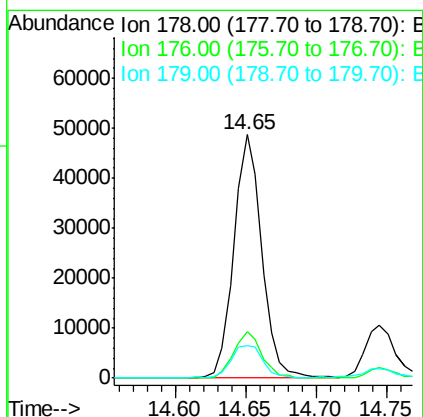
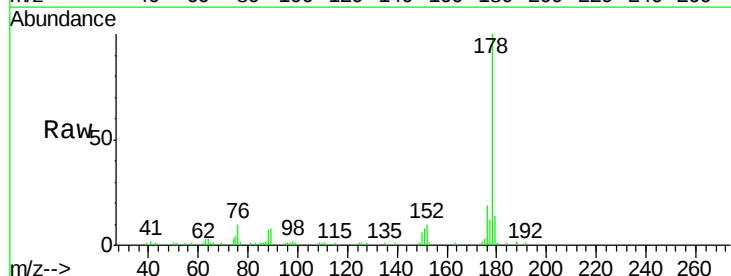
Instrument :
BNA_F
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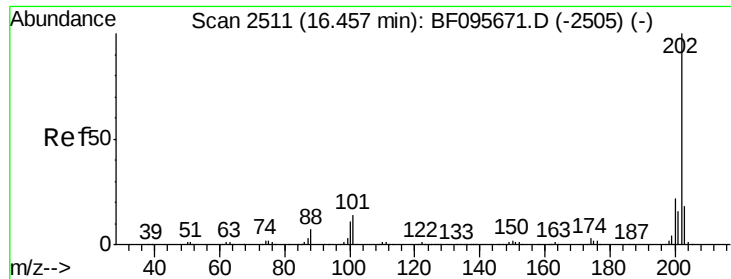
Tgt Ion:188 Resp: 208867
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.2 15.2



#70
Phenanthrene
Concen: 5.58 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

Tgt Ion:178 Resp: 67242
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 13.6 12.6 19.0

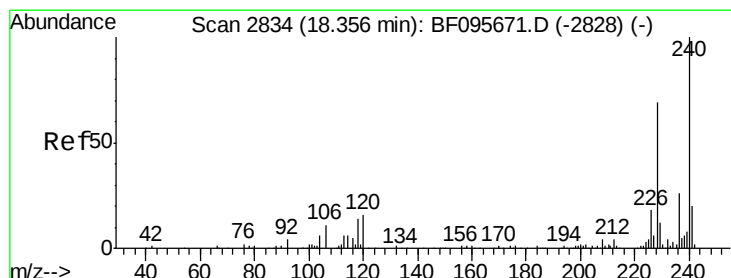
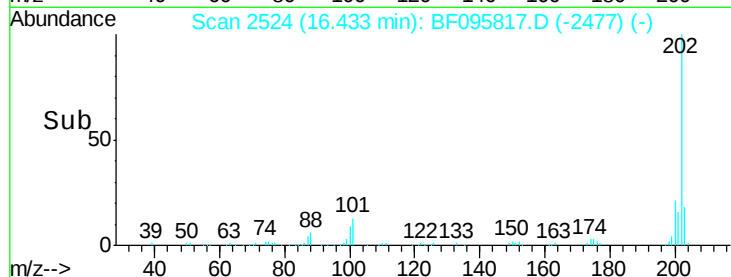
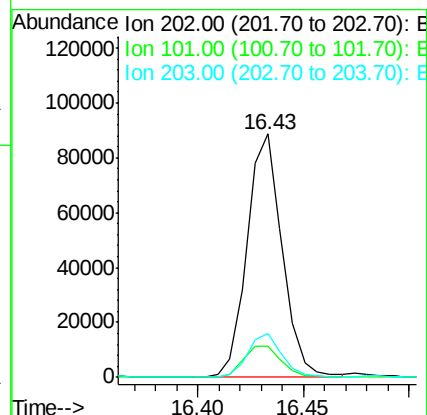
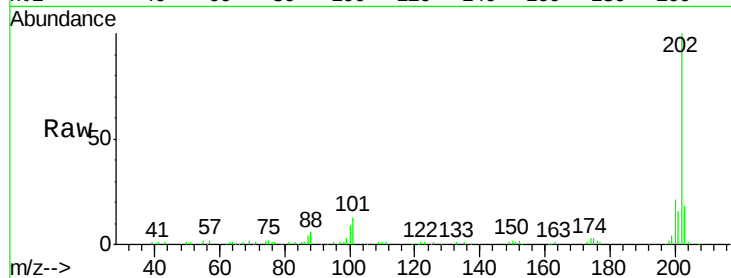




#74
 Fluoranthene
 Concen: 8.59 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF095817.D
 Acq: 9 Jun 2017 12:47

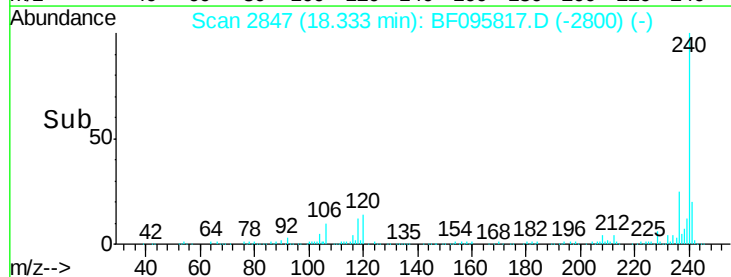
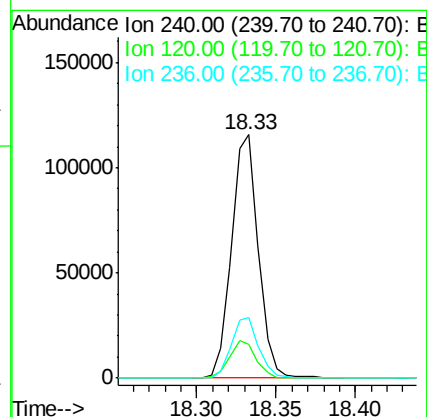
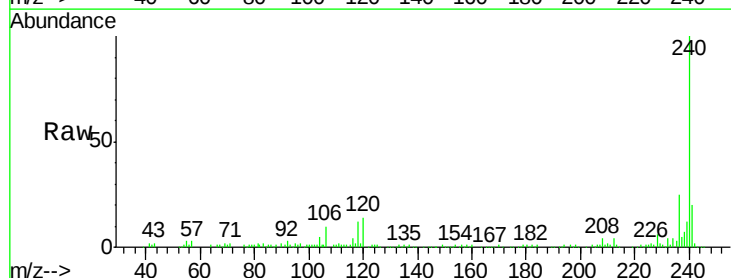
Instrument :
 BNA_F
 ClientSampleId :
 S-12

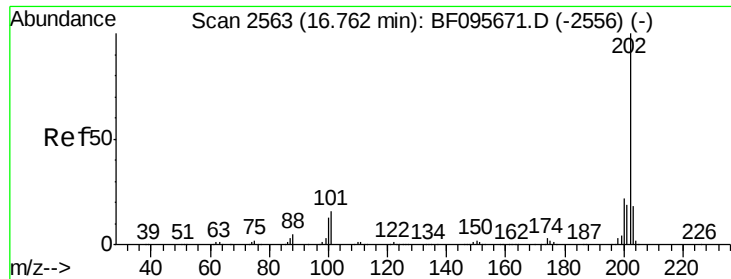
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	18.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF095817.D
 Acq: 9 Jun 2017 12:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.1	20.5	30.7





#77

Pyrene

Concen: 9.71 ng

RT: 16.73 min Scan# 2575

Delta R.T. -0.03 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

Instrument :

BNA_F

ClientSampleId :

S-12

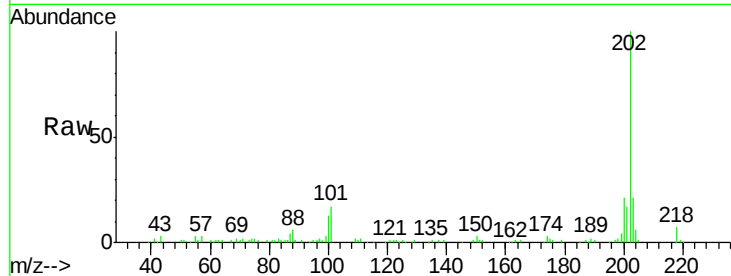
Tgt Ion: 202 Resp: 97685

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

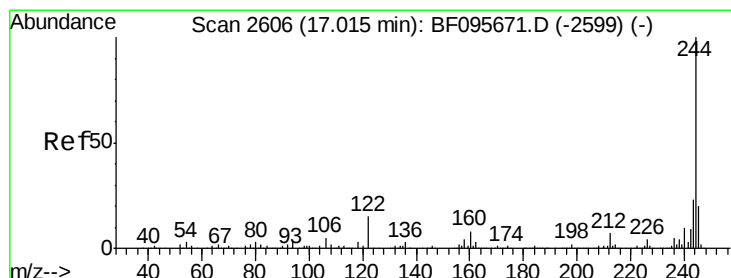
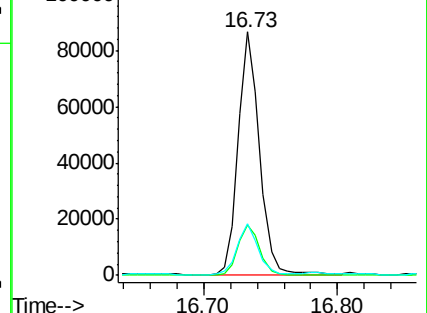
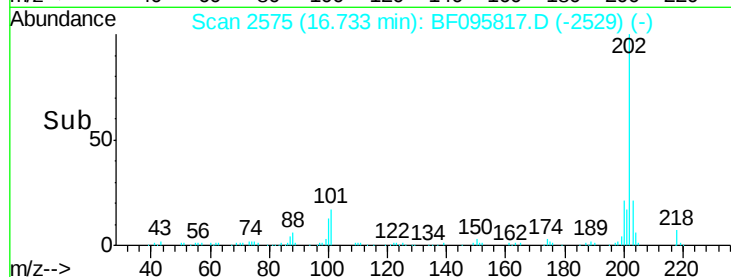
203 21.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.32 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

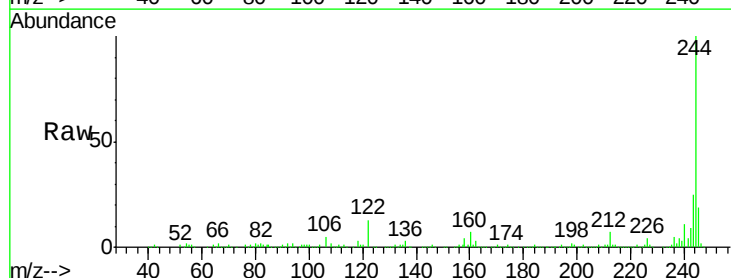
Tgt Ion: 244 Resp: 458166

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

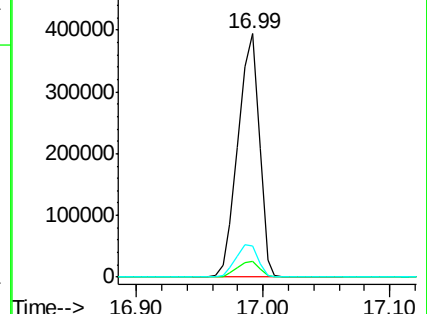
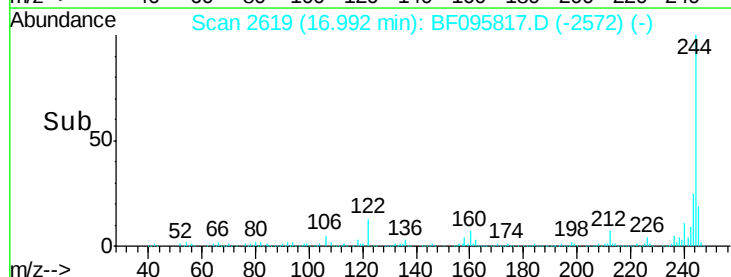
122 13.0 10.3 15.5

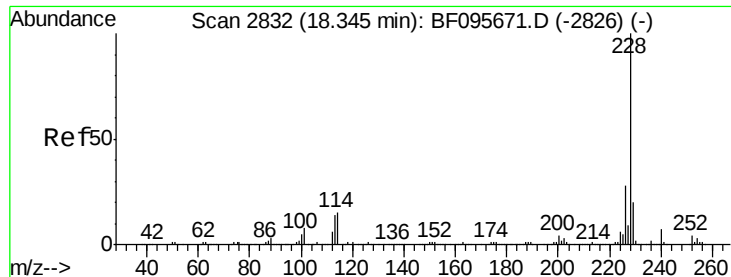


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 4.37 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

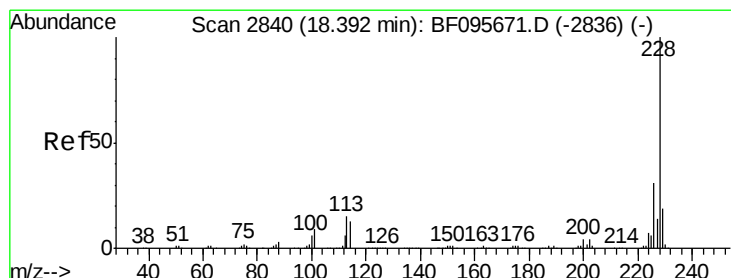
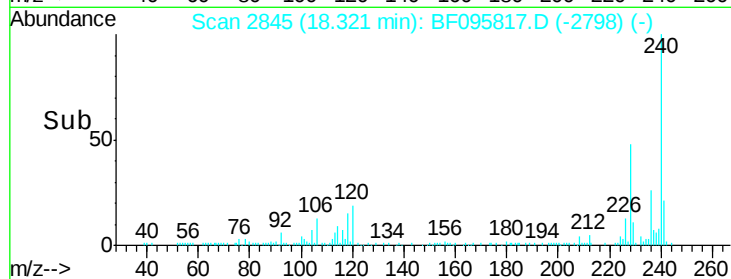
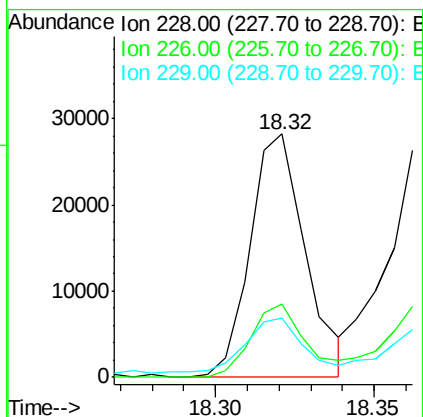
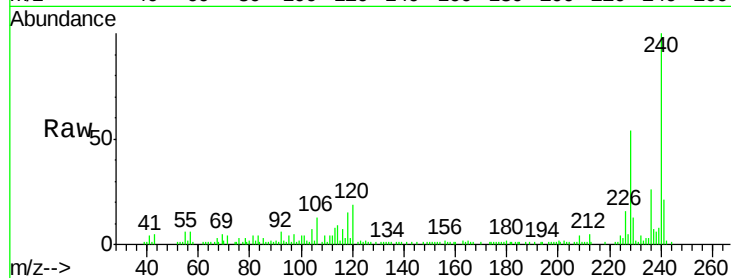
Instrument :

BNA_F

ClientSampleId :

S-12

Tgt Ion:	228	Resp:	34293
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.6	33.8
229	24.4	16.3	24.5



#82

Chrysene

Concen: 4.63 ng

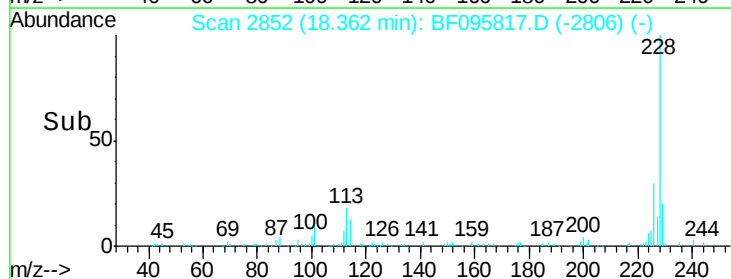
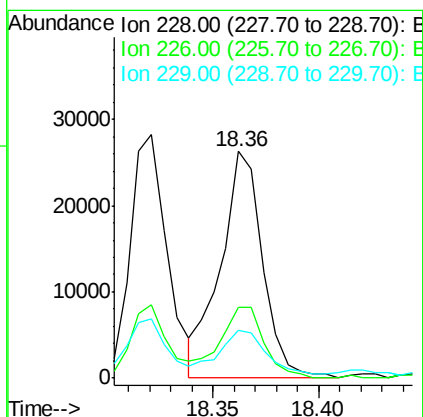
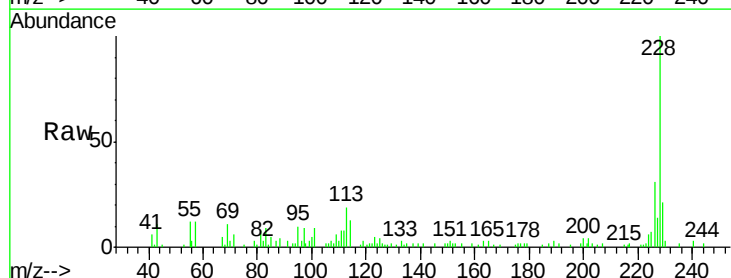
RT: 18.36 min Scan# 2852

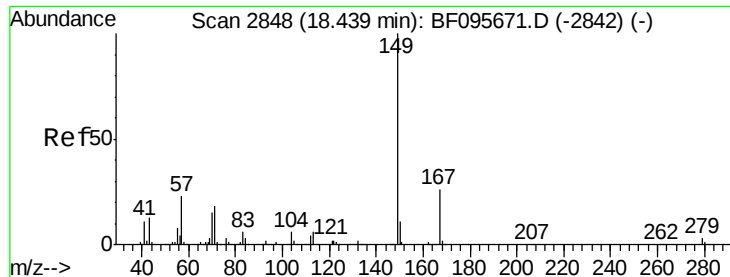
Delta R.T. -0.03 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

Tgt Ion:	228	Resp:	36255
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	21.2	15.8	23.6

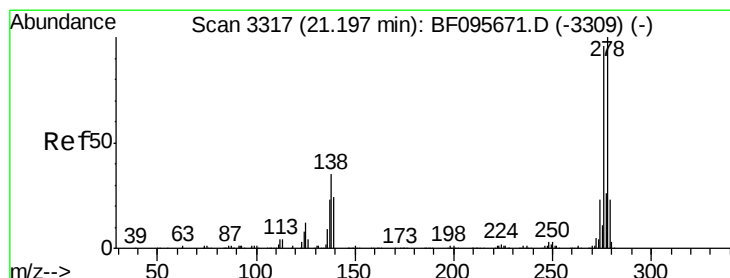
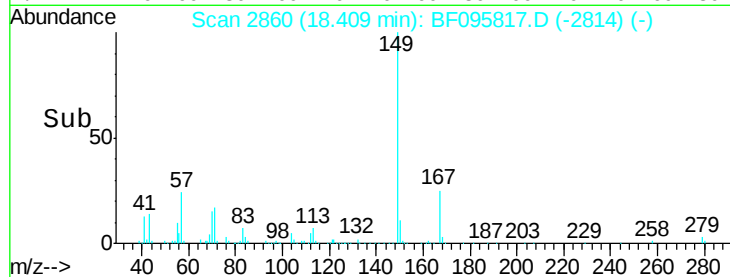
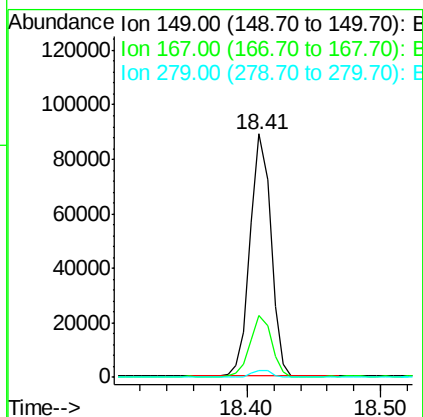
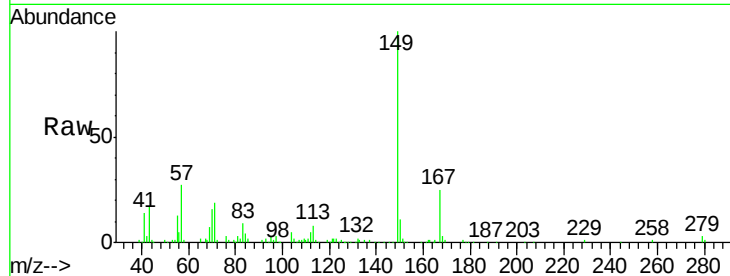




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.37 ng
 RT: 18.41 min Scan# 2860
 Delta R.T. -0.03 min
 Lab File: BF095817.D
 Acq: 9 Jun 2017 12:47

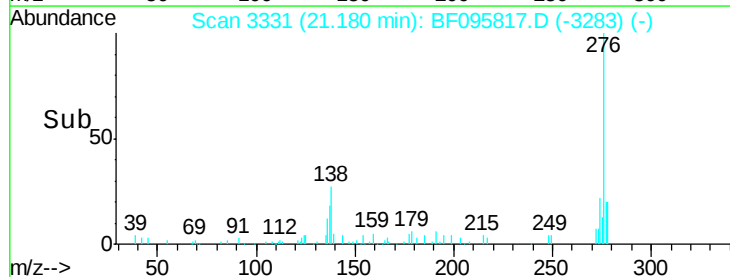
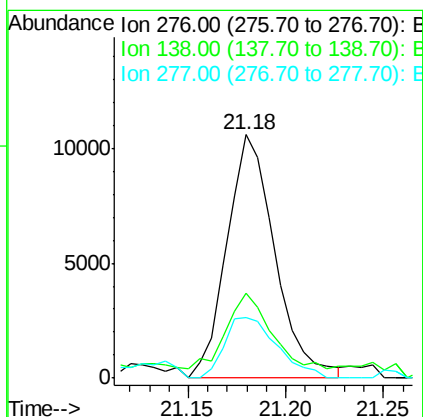
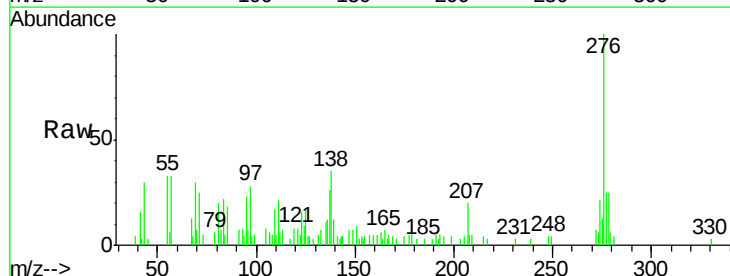
Instrument :
 BNA_F
 ClientSampleId :
 S-12

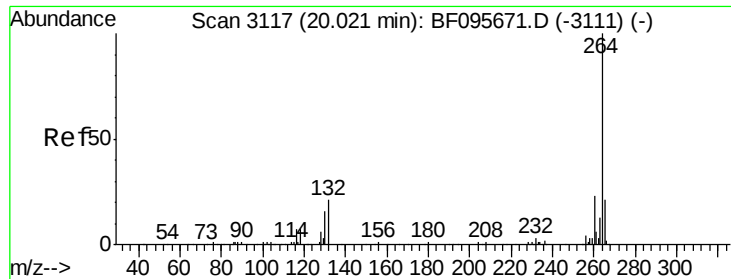
Tgt Ion:149 Resp: 95285
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.0 31.4
 279 2.9 1.9 2.9#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.71 ng
 RT: 21.18 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: BF095817.D
 Acq: 9 Jun 2017 12:47

Tgt Ion:276 Resp: 18155
 Ion Ratio Lower Upper
 276 100
 138 27.7 27.8 41.6#
 277 26.9 20.2 30.4



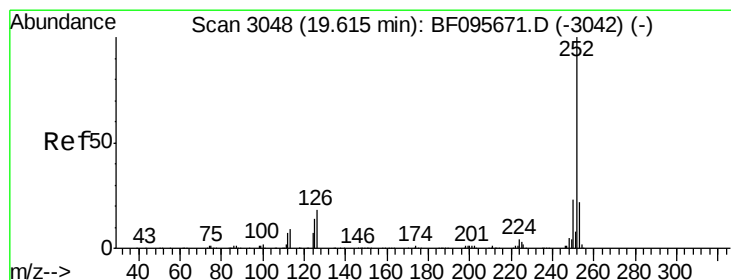
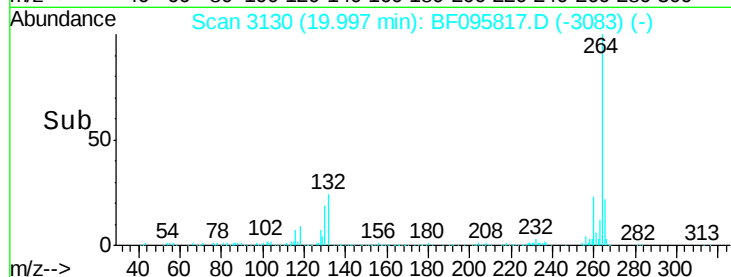
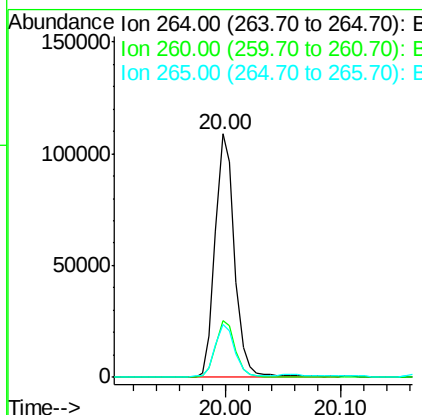
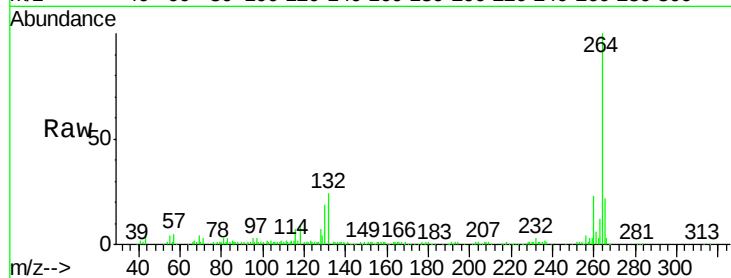


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

Instrument :
BNA_F
ClientSampleId :
S-12

Tgt Ion:264 Resp: 127743

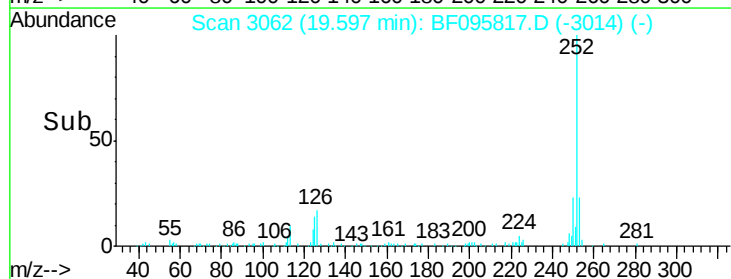
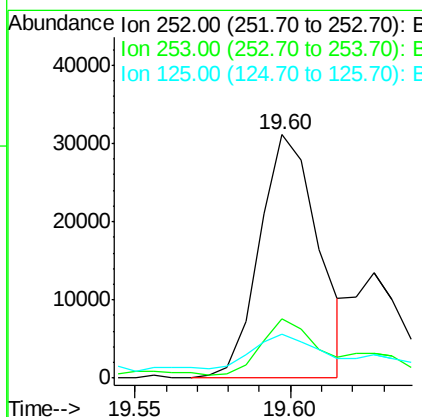
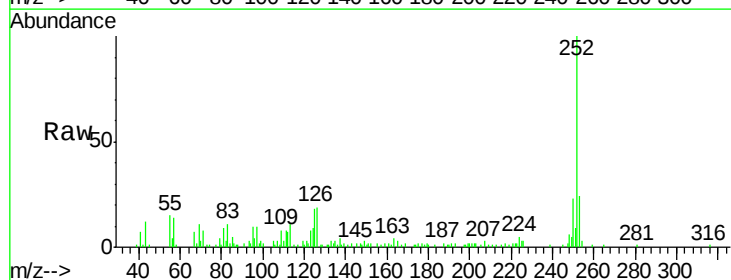
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8

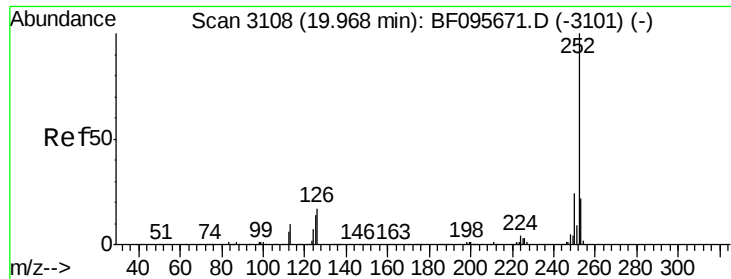


#87
Benzo(b)fluoranthene
Concen: 5.10 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095817.D
Acq: 9 Jun 2017 12:47

Tgt Ion:252 Resp: 40822

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	18.1	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 4.15 ng

RT: 19.94 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

Instrument :

BNA_F

ClientSampleId :

S-12

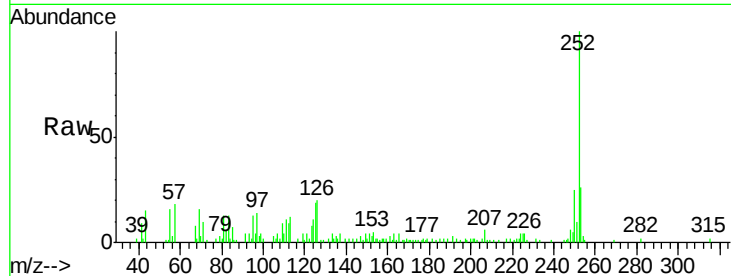
Tgt Ion:252 Resp: 30526

Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3#

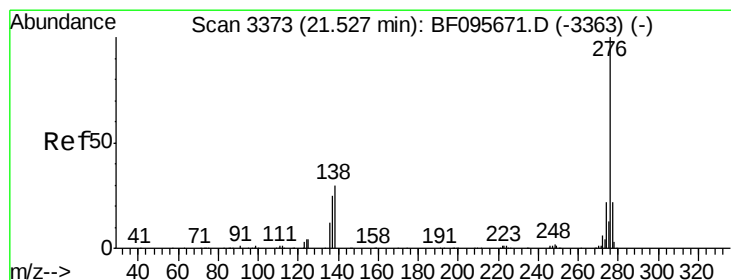
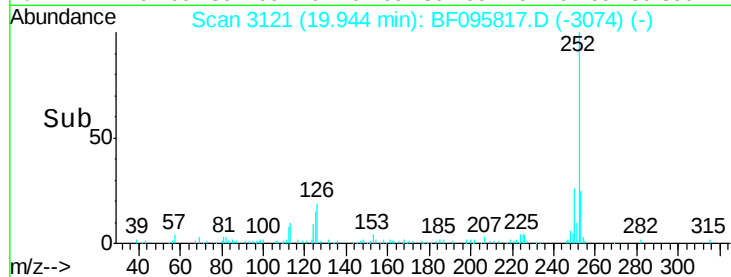
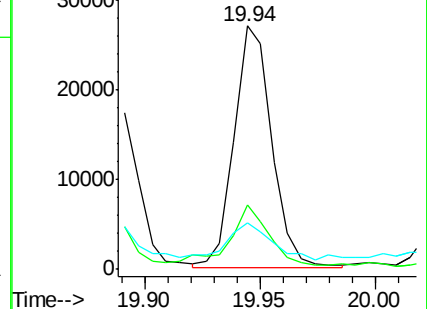
125 18.9 11.0 16.4#



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



#91

Benzo(g,h,i)perylene

Concen: 2.82 ng

RT: 21.52 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BF095817.D

Acq: 9 Jun 2017 12:47

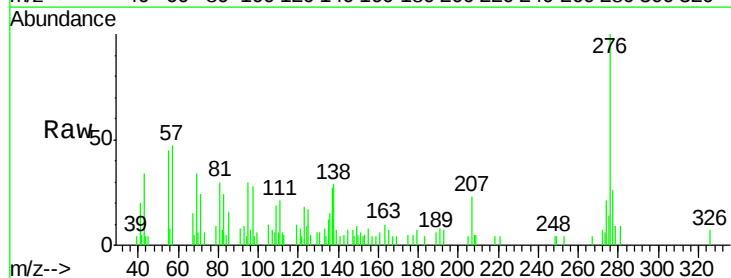
Tgt Ion:276 Resp: 17943

Ion Ratio Lower Upper

276 100

277 25.6 18.6 28.0

138 28.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

