

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095582.D
 Acq On : 1 Jun 2017 00:57
 Operator : SJ/MA
 Sample : I3341-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 01:38:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

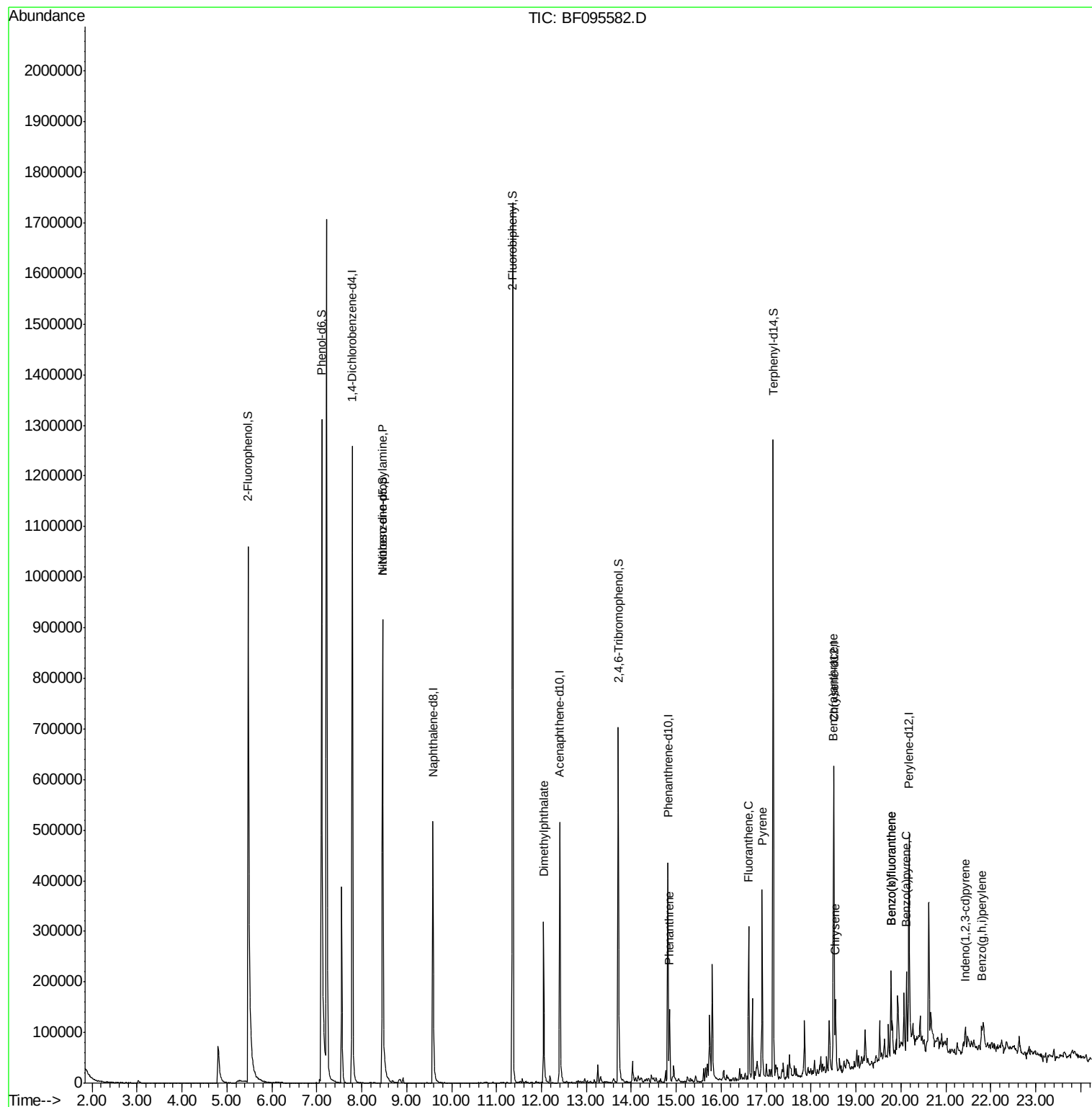
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	296333	20.00	ng	0.05
21) Naphthalene-d8	9.58	136	384771	20.00	ng	-0.18
38) Acenaphthene-d10	12.41	164	142387	20.00	ng	-0.19
63) Phenanthrene-d10	14.81	188	219603	20.00	ng	-0.19
75) Chrysene-d12	18.51	240	215367	20.00	ng	-0.17
86) Perylene-d12	20.18	264	168998	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	639519	35.98	ng	-0.24
7) Phenol-d6	7.11	99	849684	39.84	ng	-0.19
23) Nitrobenzene-d5	8.47	82	490300	80.35	ng	-0.19
41) 2,4,6-Tribromophenol	13.71	330	117036	100.36	ng	-0.19
44) 2-Fluorobiphenyl	11.36	172	743273	75.13	ng	-0.18
78) Terphenyl-d14	17.15	244	467031	47.76	ng	-0.17
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.47	70	61248	4.25	ng	# 74
49) Dimethylphthalate	12.05	163	190812	16.32	ng	100
70) Phenanthrene	14.85	178	86609	6.86	ng	96
74) Fluoranthene	16.61	202	158804	12.27	ng	99
77) Pyrene	16.91	202	153156	9.51	ng	94
80) Benzo(a)anthracene	18.49	228	71798	5.73	ng	96
82) Chrysene	18.54	228	73531	6.07	ng	97
85) Indeno(1,2,3-cd)pyrene	21.44	276	28146	2.86	ng	100
87) Benzo(b)fluoranthene	19.78	252	82785	7.93	ng	# 96
88) Benzo(k)fluoranthene	19.78	252	82785	8.22	ng	98
89) Benzo(a)pyrene	20.12	252	57282	5.94	ng	93
91) Benzo(a,h,i)perylene	21.79	276	29812	3.82	ng	97

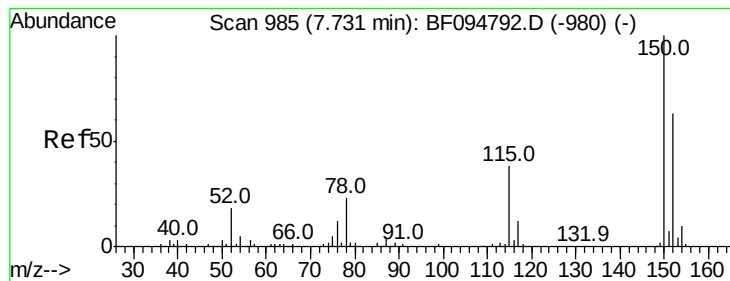
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095582.D
Acq On : 1 Jun 2017 00:57
Operator : SJ/MA
Sample : I3341-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 01 01:38:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 1012

Delta R.T. 0.05 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

ClientSampled :

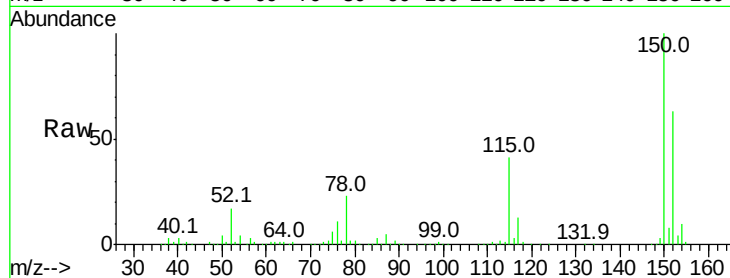
Tot Ion:152 Resp: 296333

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

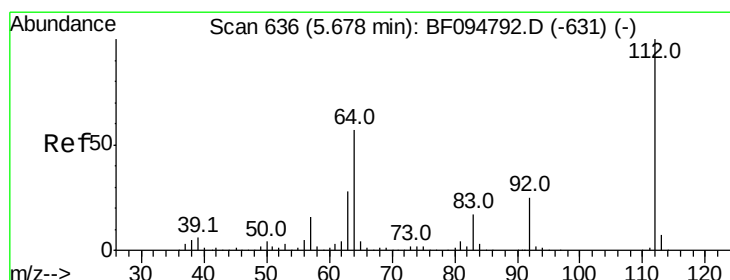
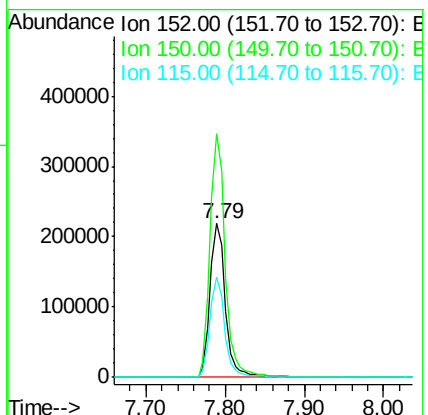
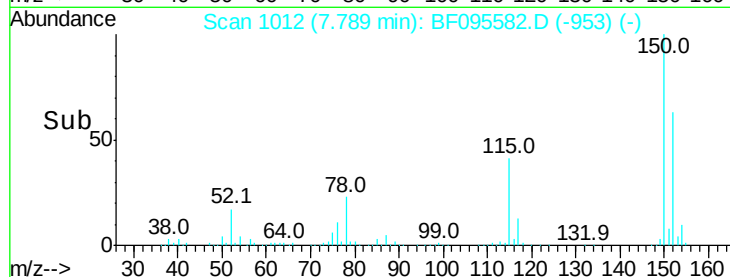
115 65.7 52.2 78.2



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: 35.98 ng

RT: 5.47 min Scan# 618

Delta R.T. -0.24 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

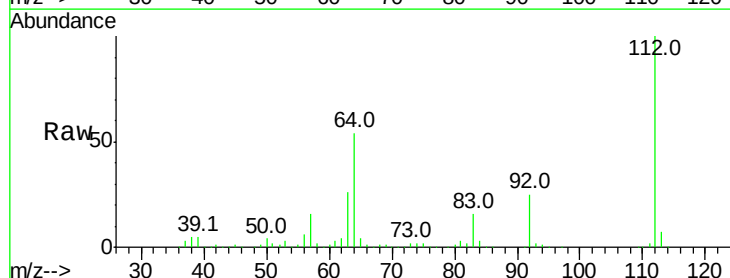
Tgt Ion:112 Resp: 639519

Ion Ratio Lower Upper

112 100

64 54.2 46.0 69.0

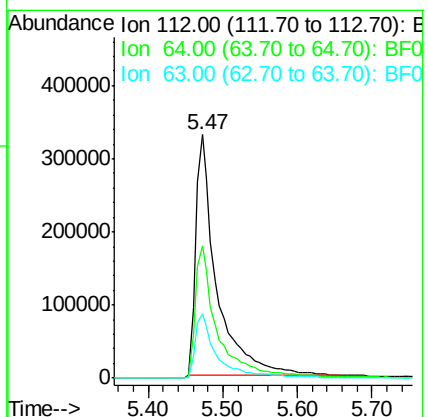
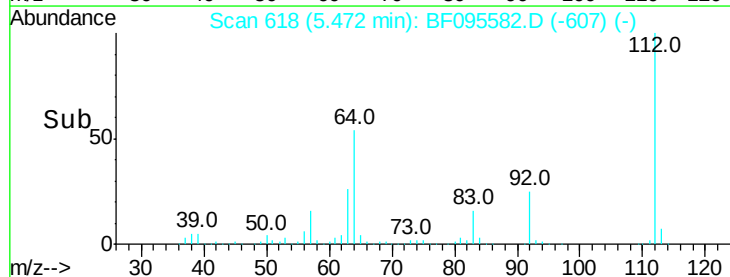
63 26.5 23.4 35.0

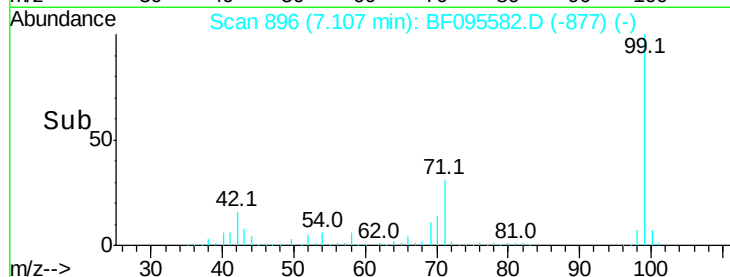
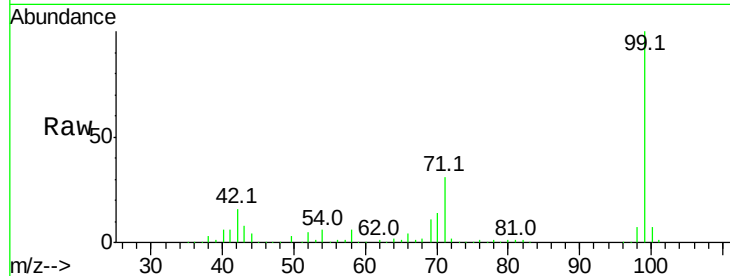
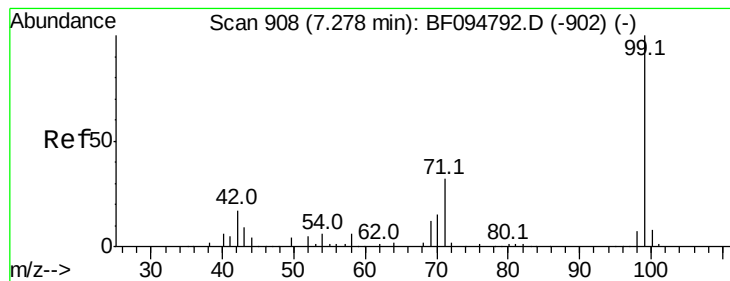


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.84 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.19 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

ClientSampleId :

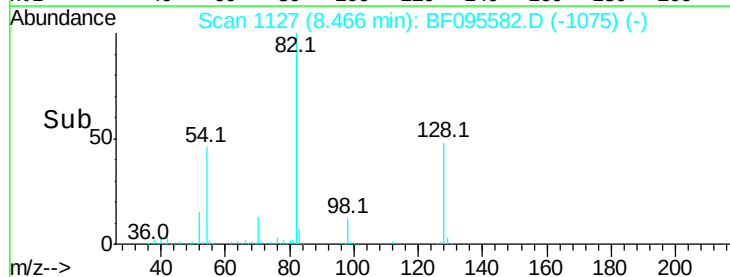
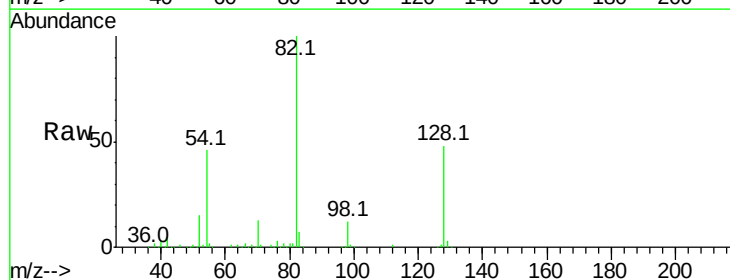
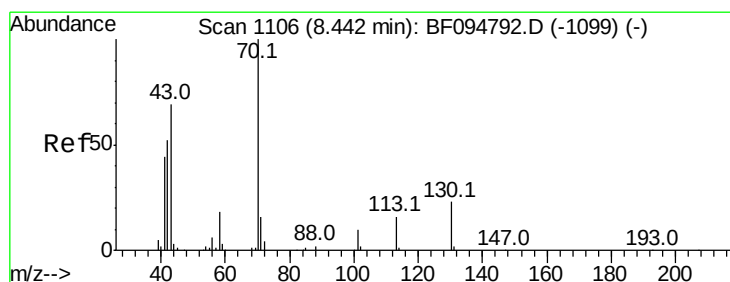
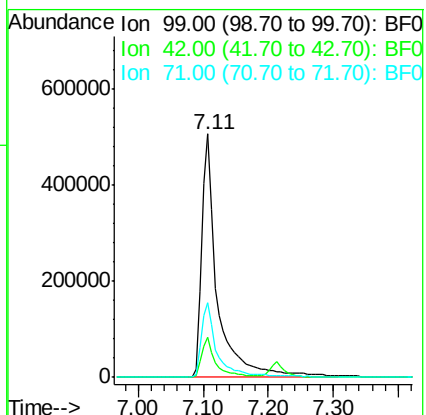
Tot Ion: 99 Resp: 849684

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 30.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 4.25 ng

RT: 8.47 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Tgt Ion: 70 Resp: 61248

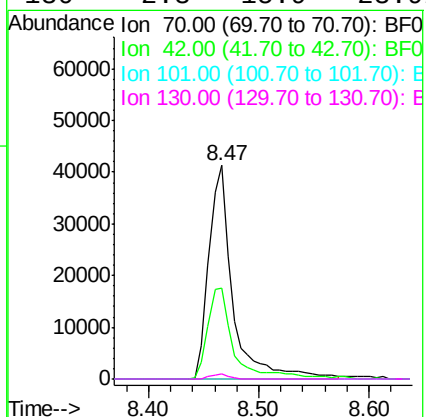
Ion Ratio Lower Upper

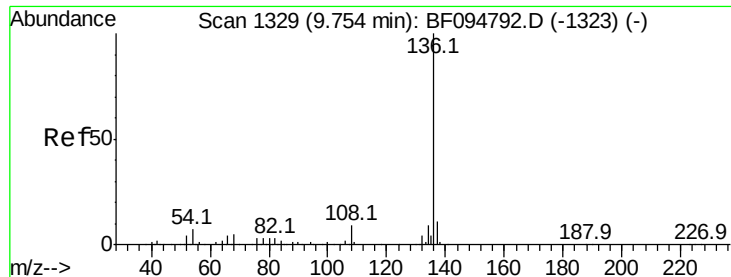
70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

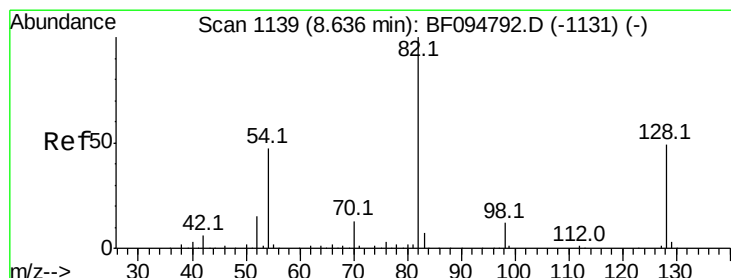
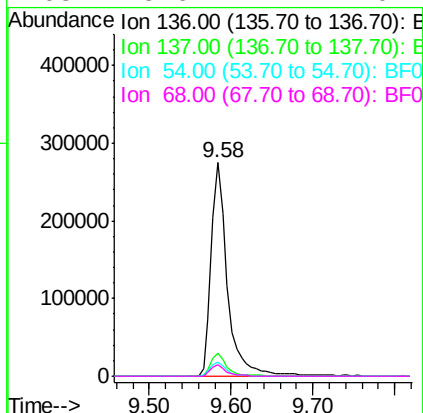
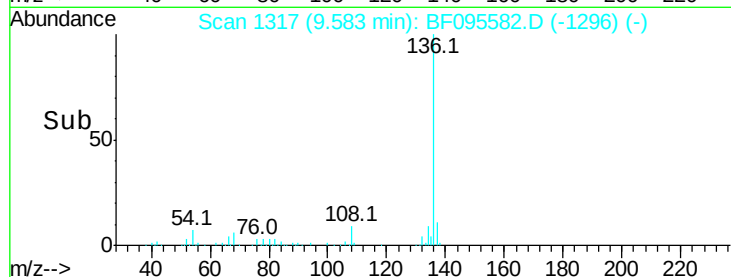
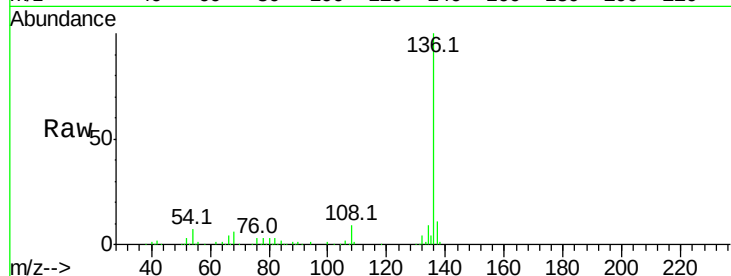




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.18 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

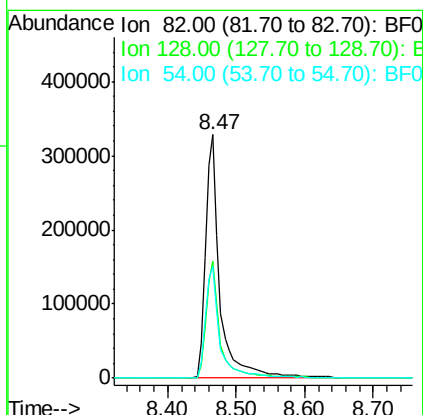
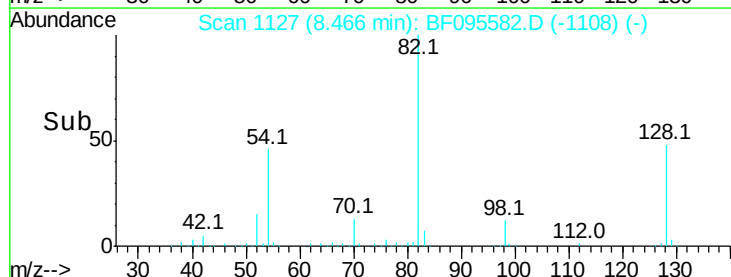
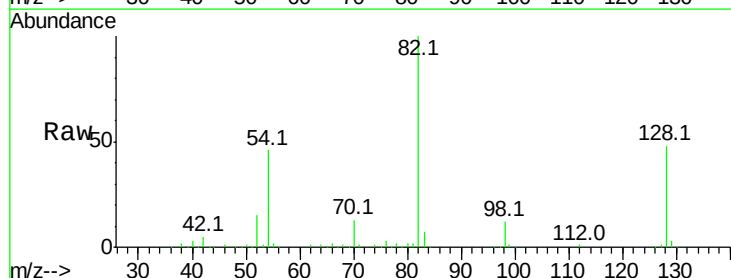
Instrument :
BNA_F
ClientSampleId :

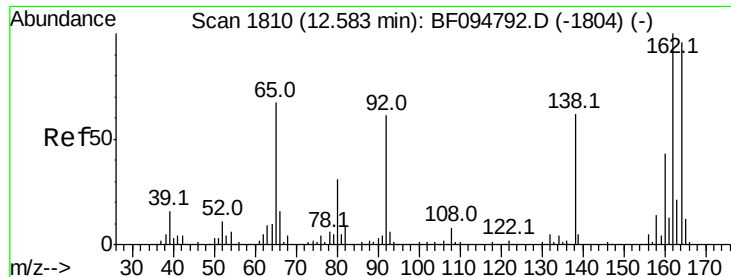
Tot Ion:136	Resp:	384771
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.8	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 80.35 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.19 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion: 82	Resp:	490300
Ion Ratio	Lower	Upper
82	100	
128	48.0	34.0 51.0
54	46.1	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.41 min Scan# 1797

Delta R.T. -0.19 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

ClientSampleId :

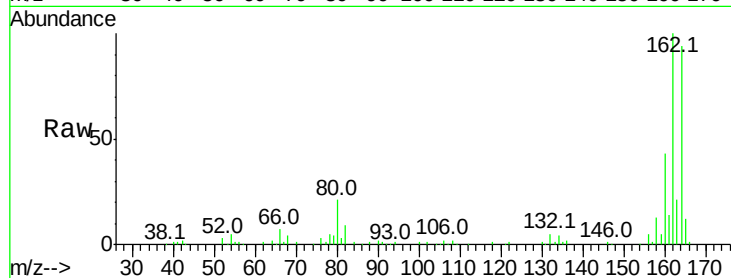
Tot Ion:164 Resp: 142387

Ion Ratio Lower Upper

164 100

162 106.5 82.6 123.8

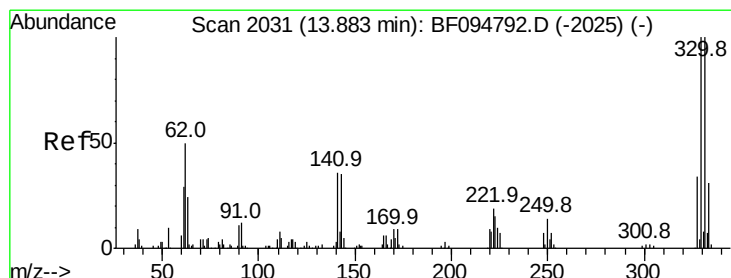
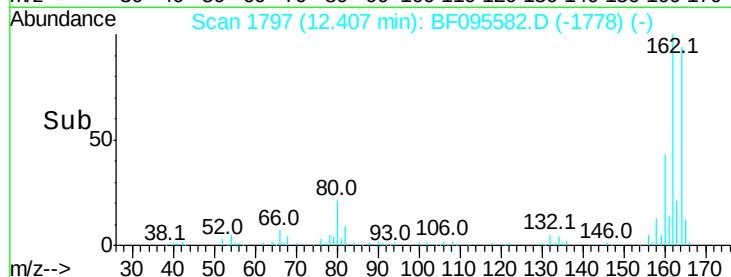
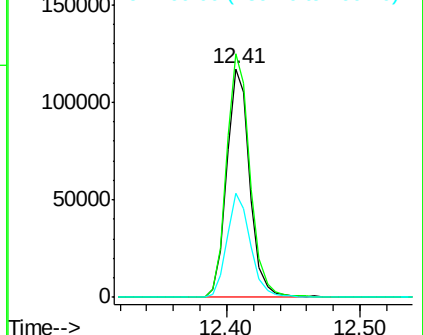
160 45.6 36.2 54.2



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: 100.36 ng

RT: 13.71 min Scan# 2018

Delta R.T. -0.19 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

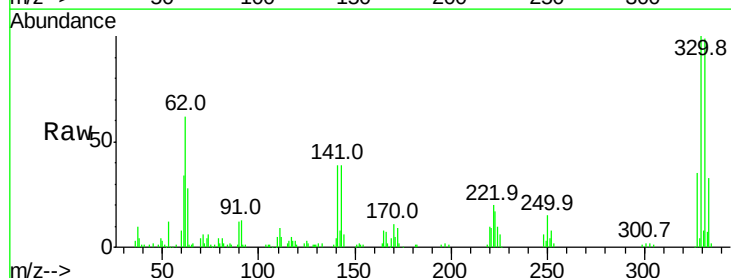
Tgt Ion:330 Resp: 117036

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

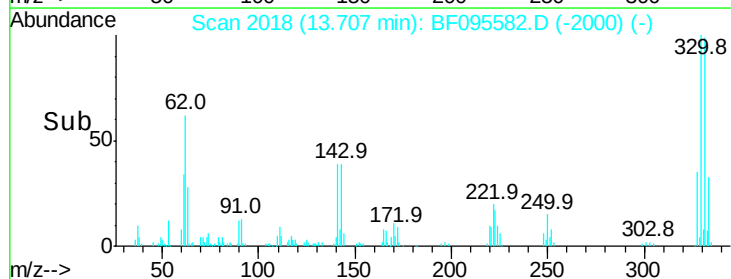
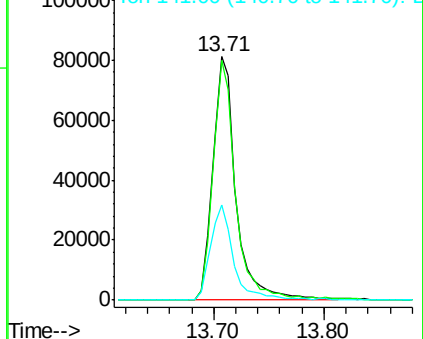
141 38.5 31.4 47.2

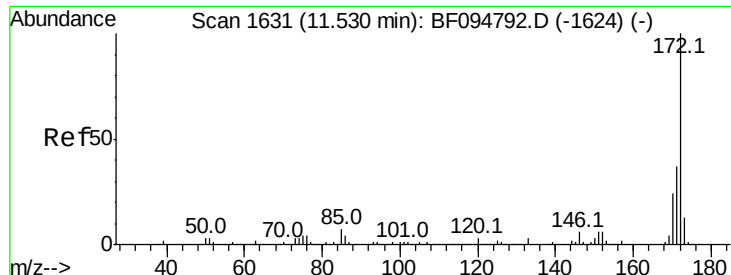


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

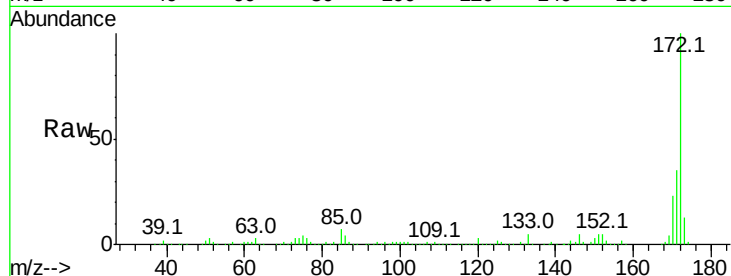




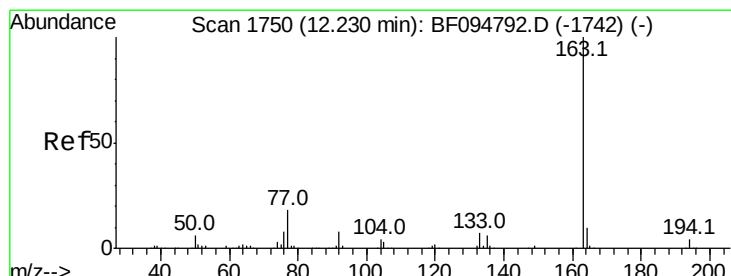
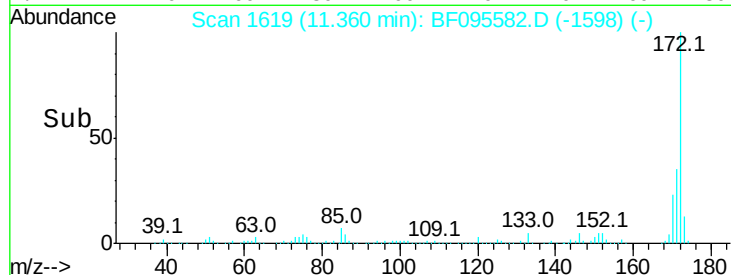
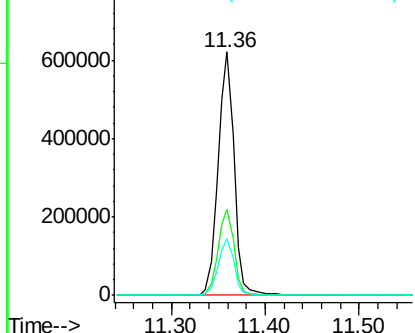
#44
2-Fluorobiphenyl
Concen: 75.13 ng
RT: 11.36 min Scan# 1619
Delta R.T. -0.18 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 743273
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.4 19.8 29.8

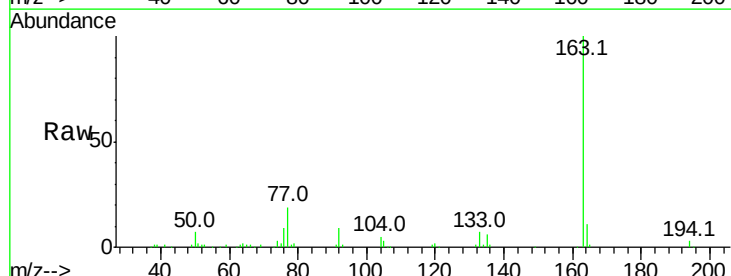


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

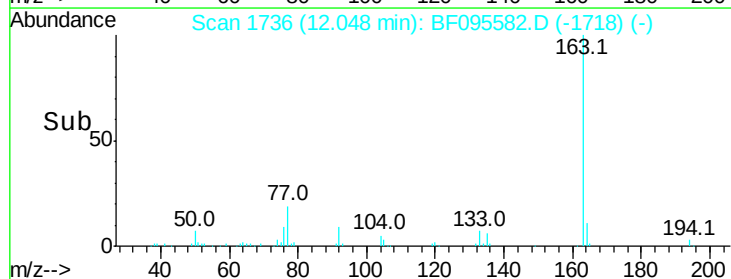
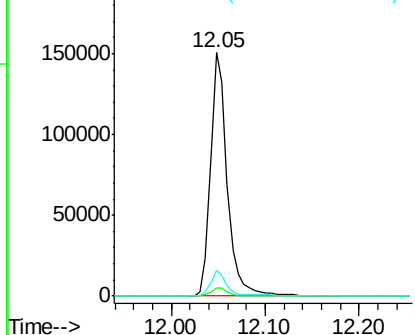


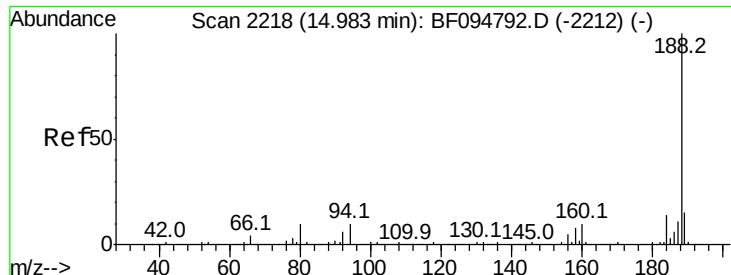
#49
Dimethylphthalate
Concen: 16.32 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.19 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion:163 Resp: 190812
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

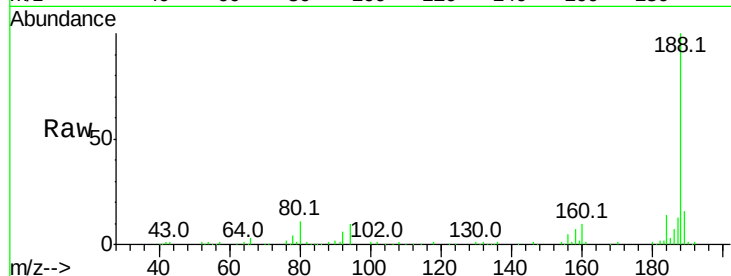




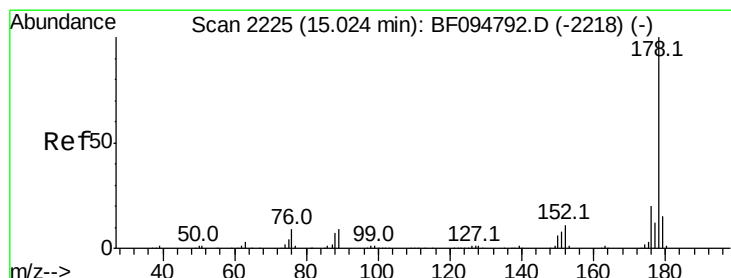
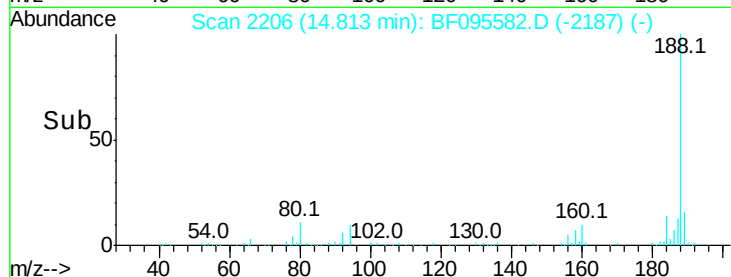
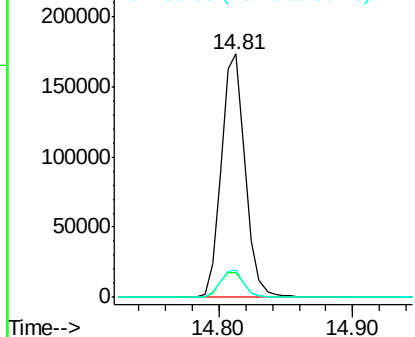
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.19 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 219603
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2

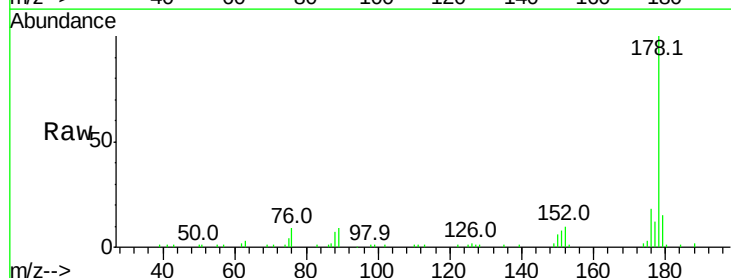


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

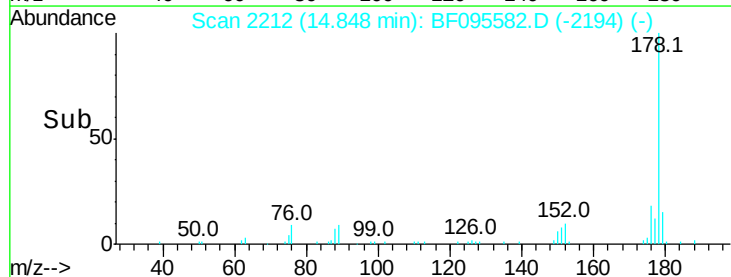
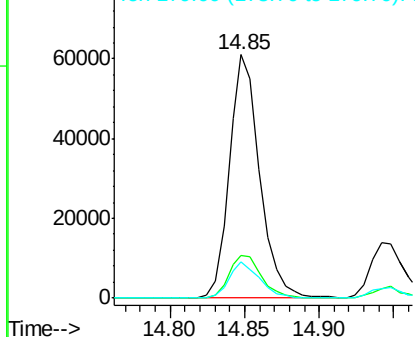


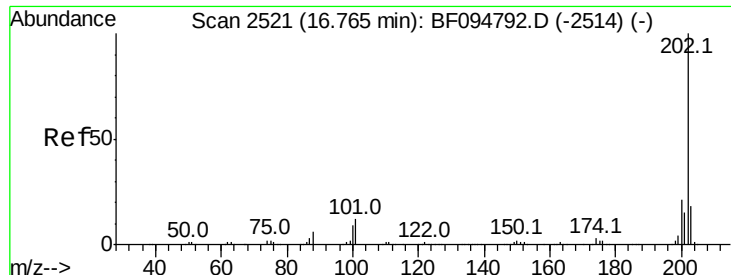
#70
Phenanthrene
Concen: 6.86 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.19 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion:178 Resp: 86609
Ion Ratio Lower Upper
178 100
176 17.7 16.2 24.4
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

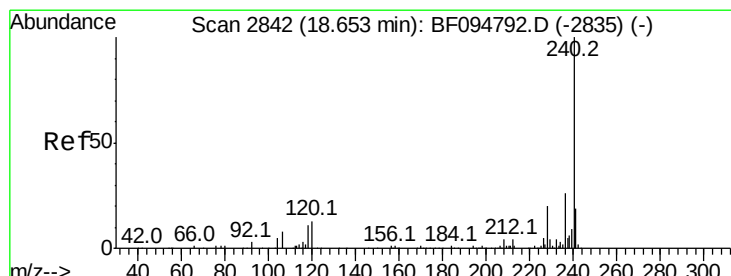
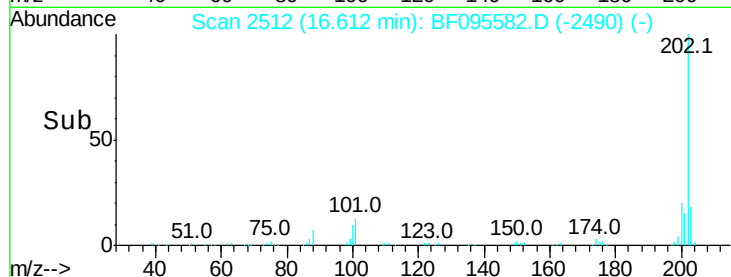
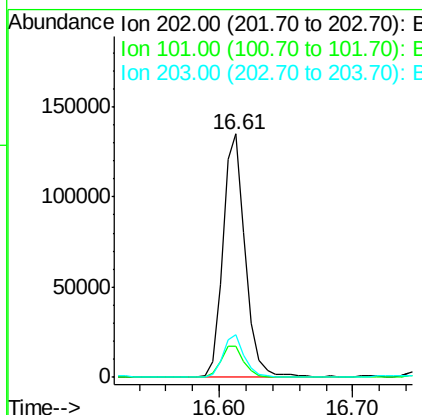
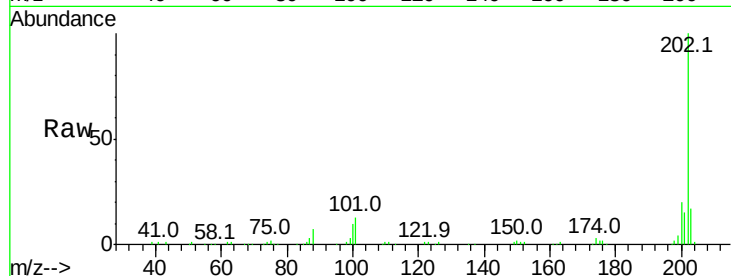




#74
 Fluoranthene
 Concen: 12.27 ng
 RT: 16.61 min Scan# 2512
 Delta R.T. -0.17 min
 Lab File: BF095582.D
 Acq: 1 Jun 2017 00:57

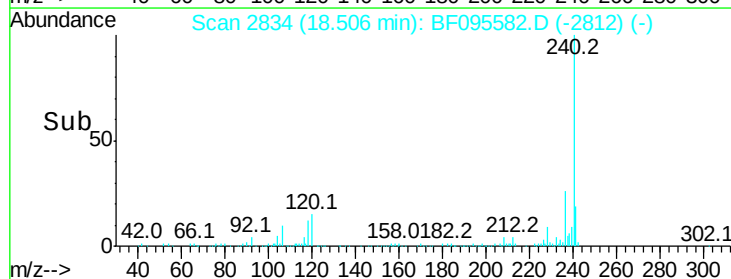
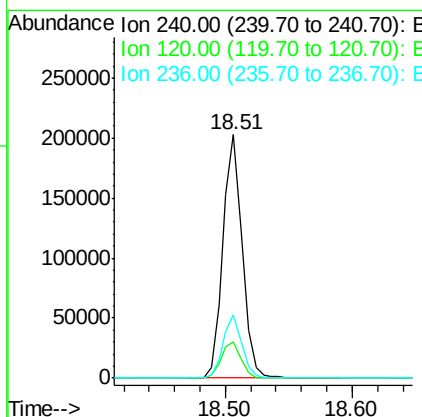
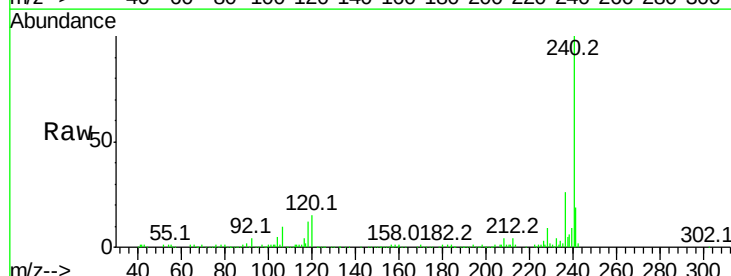
Instrument :
 BNA_F
 ClientSampleId :

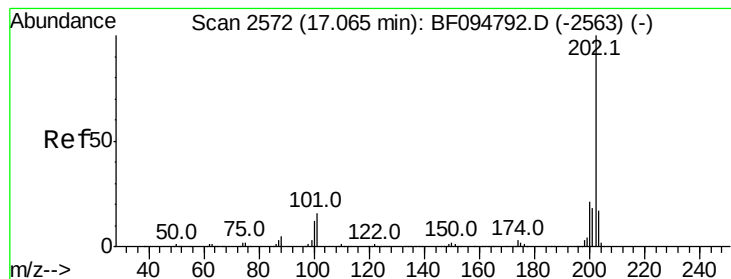
Tot Ion:202 Resp: 158804
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 33.2
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.51 min Scan# 2834
 Delta R.T. -0.17 min
 Lab File: BF095582.D
 Acq: 1 Jun 2017 00:57

Tgt Ion:240 Resp: 215367
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 25.9 20.5 30.7





#77

Pvrene

Concen: 9.51 ng

RT: 16.91 min Scan# 2563

Delta R.T. -0.18 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

ClientSampleId :

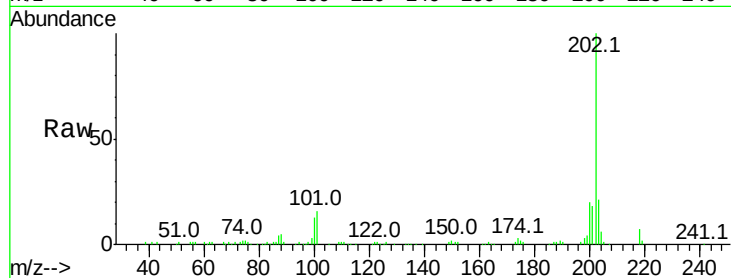
Tot Ion:202 Resp: 153156

Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

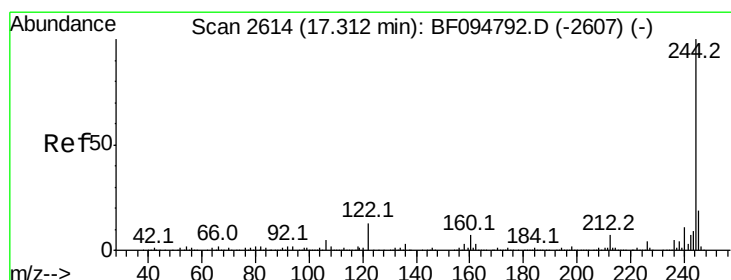
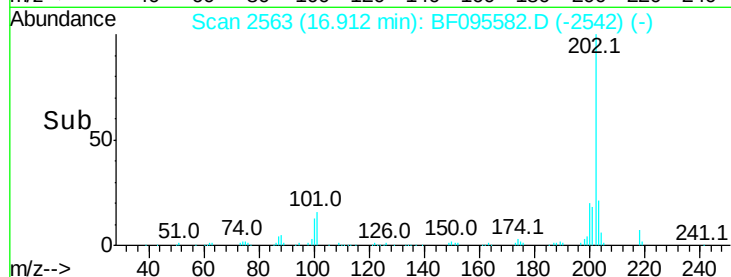
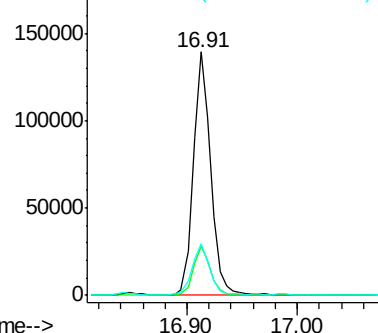
203 21.2 14.4 21.6



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: 47.76 ng

RT: 17.15 min Scan# 2604

Delta R.T. -0.17 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

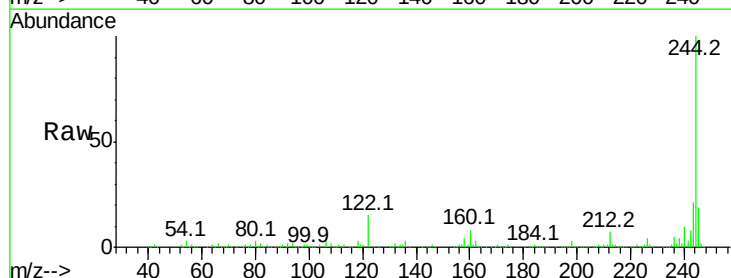
Tgt Ion:244 Resp: 467031

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

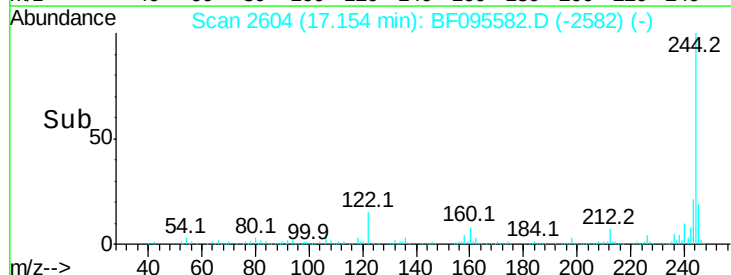
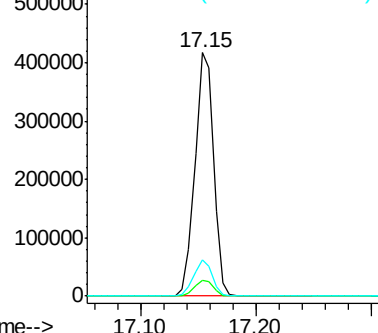
122 14.8 10.3 15.5

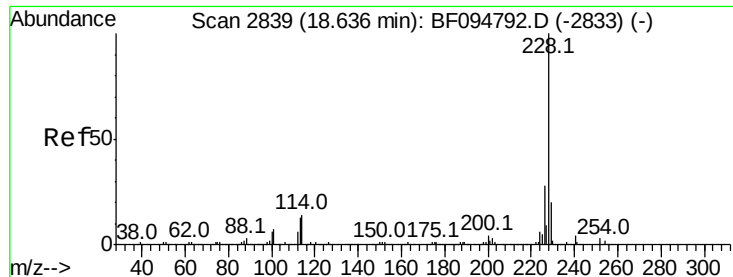


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

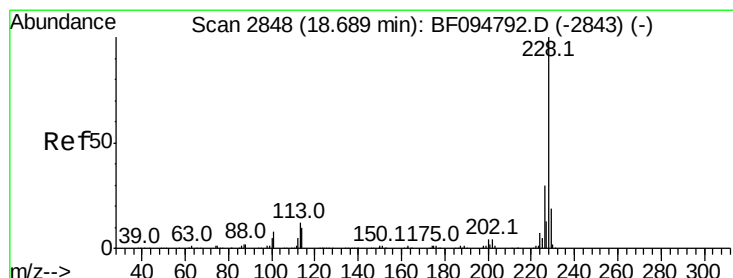
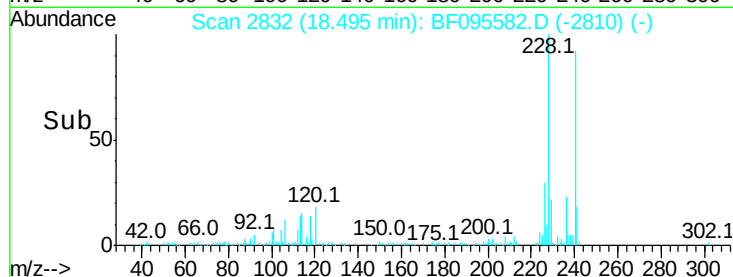
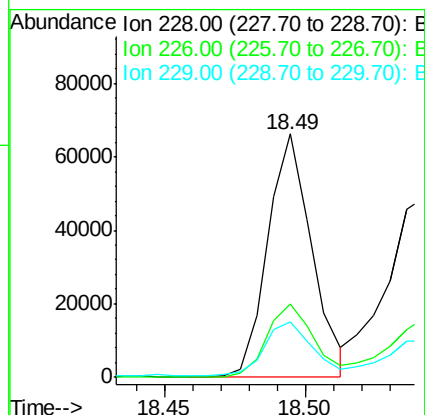
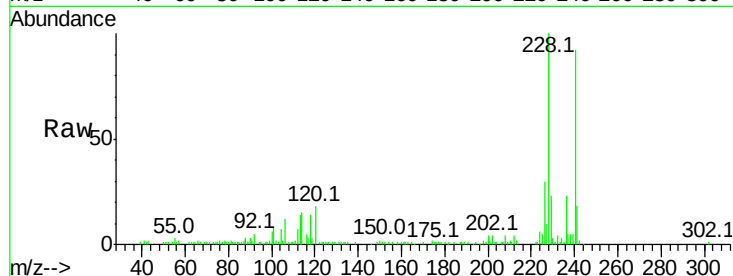




#80
Benzo(a)anthracene
Concen: 5.73 ng
RT: 18.49 min Scan# 2832
Delta R.T. -0.17 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

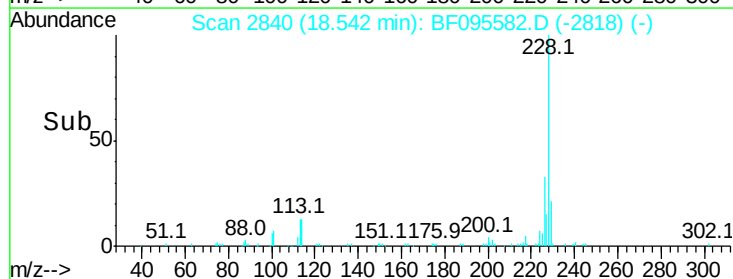
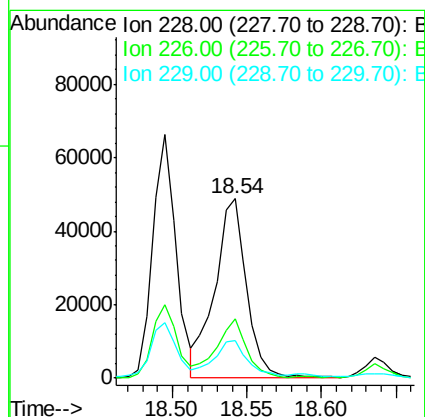
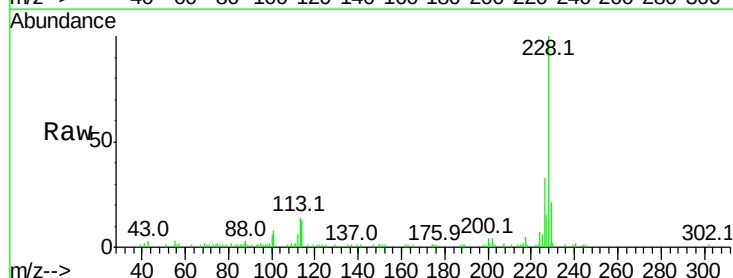
Instrument :
BNA_F
ClientSampleId :

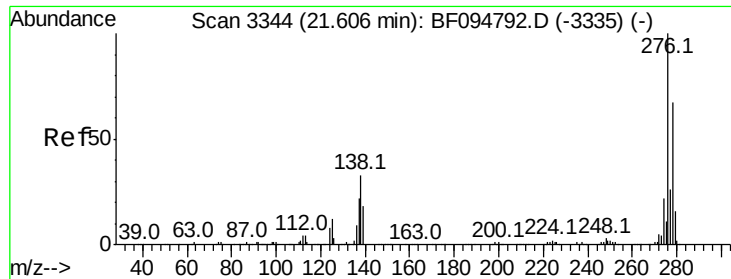
Tot Ion:228 Resp: 71798
Ion Ratio Lower Upper
228 100
226 30.1 22.6 33.8
229 22.9 16.3 24.5



#82
Chrysene
Concen: 6.07 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.17 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion:228 Resp: 73531
Ion Ratio Lower Upper
228 100
226 32.9 24.9 37.3
229 20.8 15.8 23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.86 ng

RT: 21.44 min Scan# 3332

Delta R.T. -0.25 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

Instrument :

BNA_F

ClientSampleId :

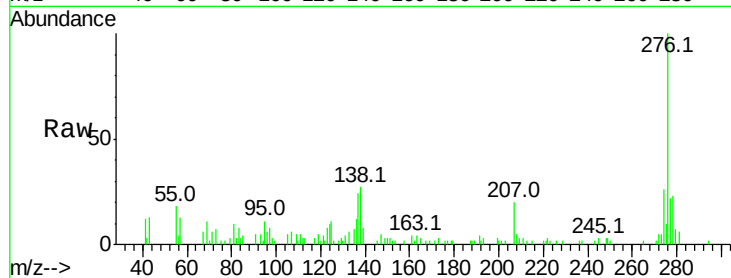
Tot Ion:276 Resp: 28146

Ion Ratio Lower Upper

276 100

138 34.5 27.8 41.6

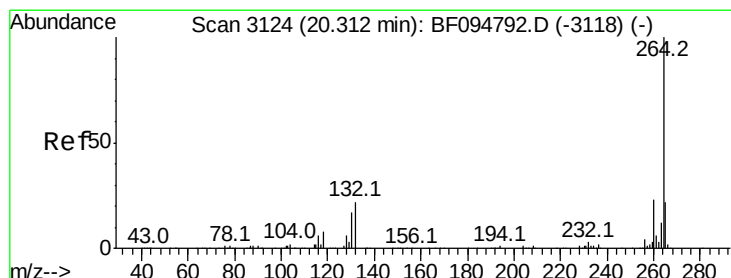
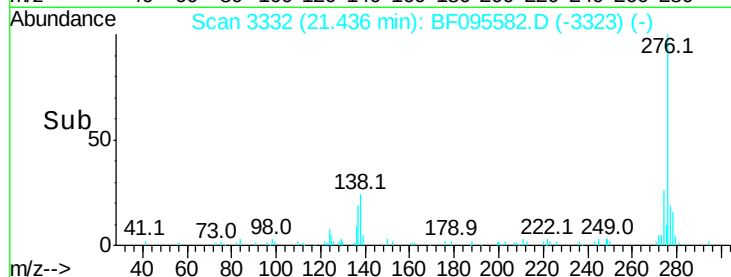
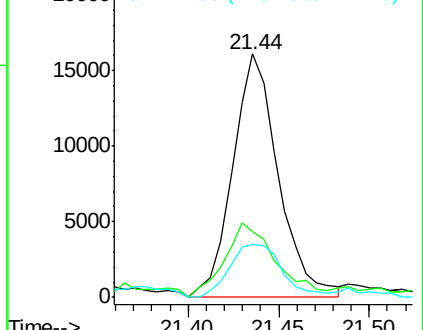
277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.18 min Scan# 3118

Delta R.T. -0.18 min

Lab File: BF095582.D

Acq: 1 Jun 2017 00:57

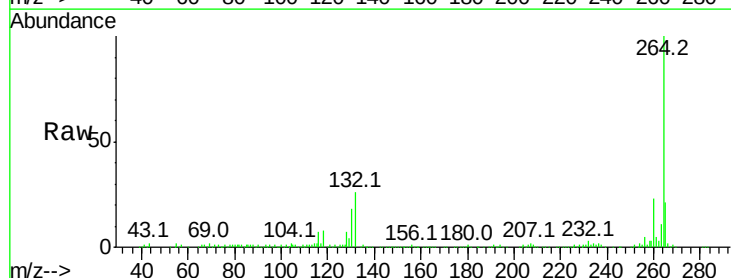
Tgt Ion:264 Resp: 168998

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

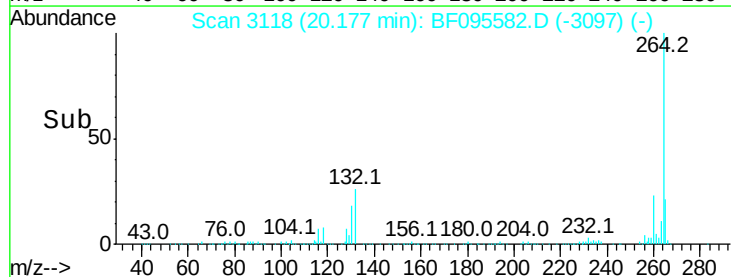
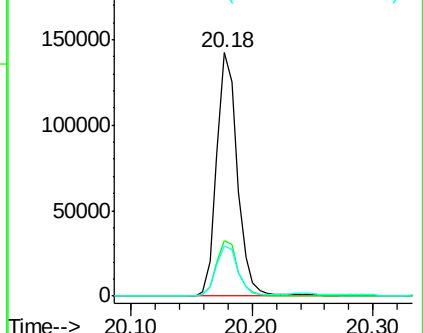
265 20.8 17.2 25.8

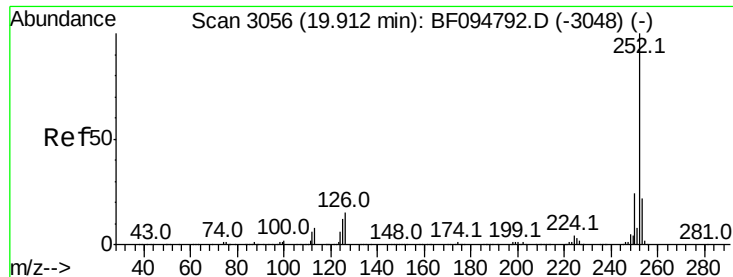


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

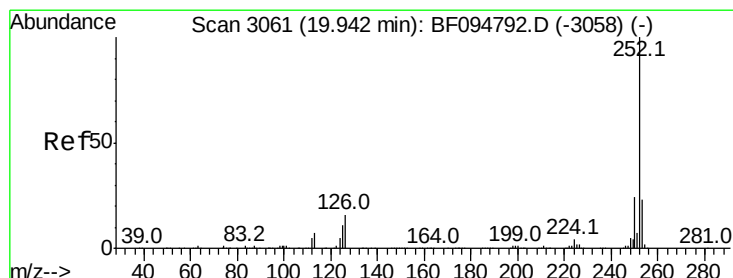
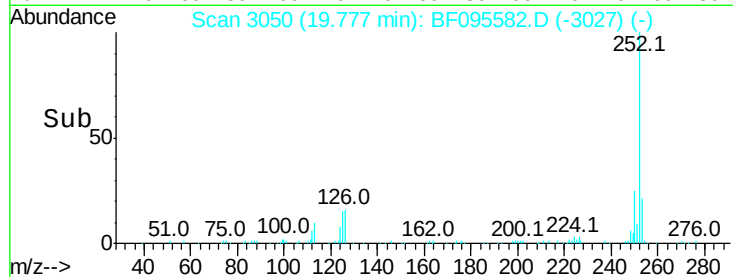
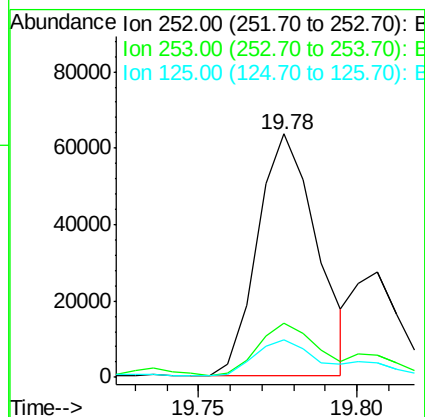
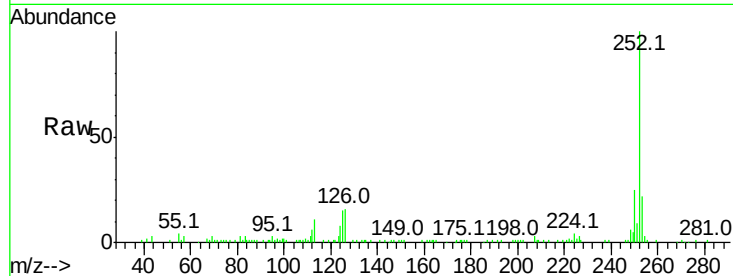




#87
Benzo(b)fluoranthene
Concen: 7.93 ng
RT: 19.78 min Scan# 3050
Delta R.T. -0.16 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

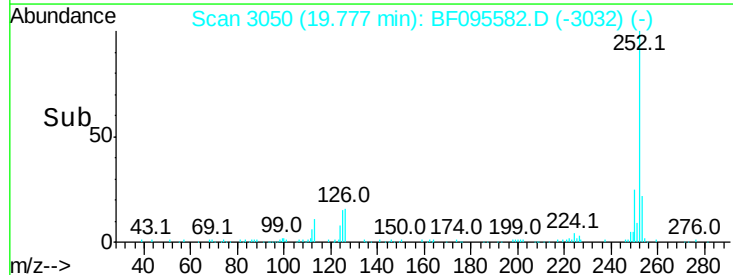
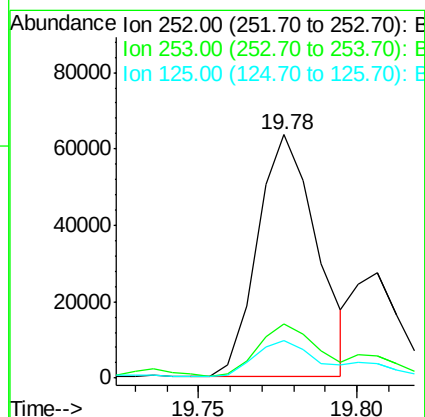
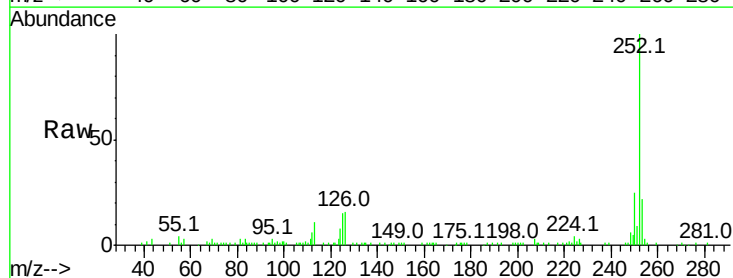
Instrument :
BNA_F
ClientSampleId :

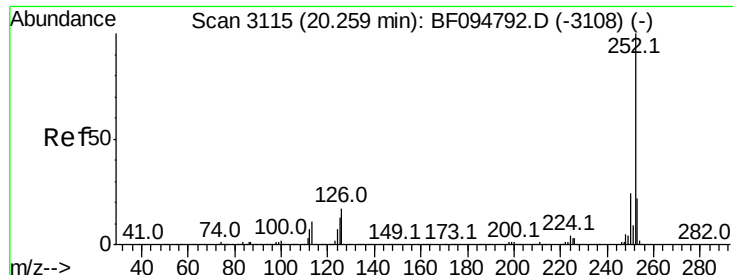
Tot Ion:252 Resp: 82785
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 15.5 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 8.22 ng
RT: 19.78 min Scan# 3050
Delta R.T. -0.19 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion:252 Resp: 82785
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 15.5 13.1 19.7

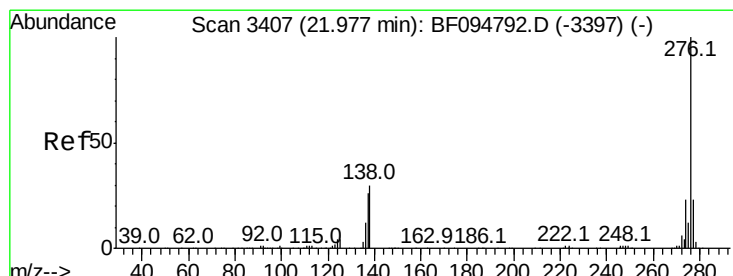
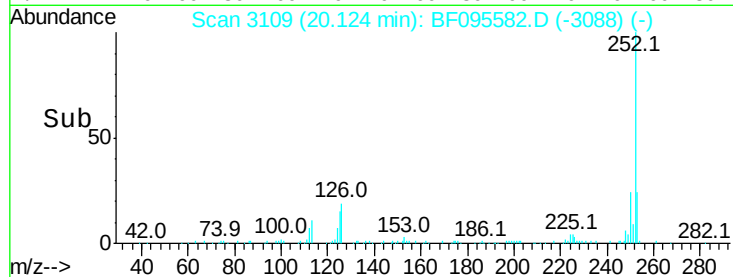
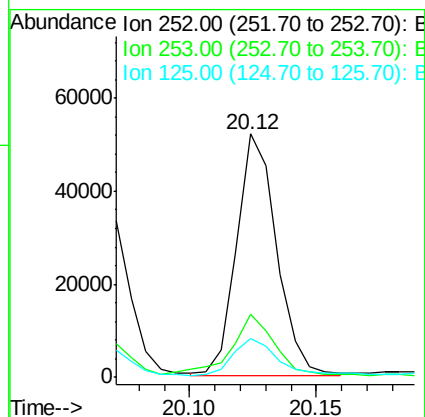
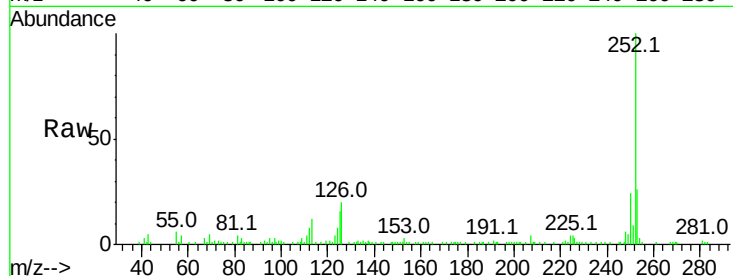




#89
Benzo(a)pyrene
Concen: 5.94 ng
RT: 20.12 min Scan# 3109
Delta R.T. -0.18 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252	Resp:	57282
Ion Ratio	Lower	Upper
252	100	
253	25.8	17.5 26.3
125	16.0	11.0 16.4



#91
Benzo(g,h,i)perylene
Concen: 3.82 ng
RT: 21.79 min Scan# 3393
Delta R.T. -0.28 min
Lab File: BF095582.D
Acq: 1 Jun 2017 00:57

Tgt Ion:276	Resp:	29812
Ion Ratio	Lower	Upper
276	100	
277	25.7	18.6 28.0
138	32.6	25.4 38.0

