

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095519.D
 Acq On : 28 May 2017 3:10
 Operator : SJ/MA
 Sample : I3244-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:19:36 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

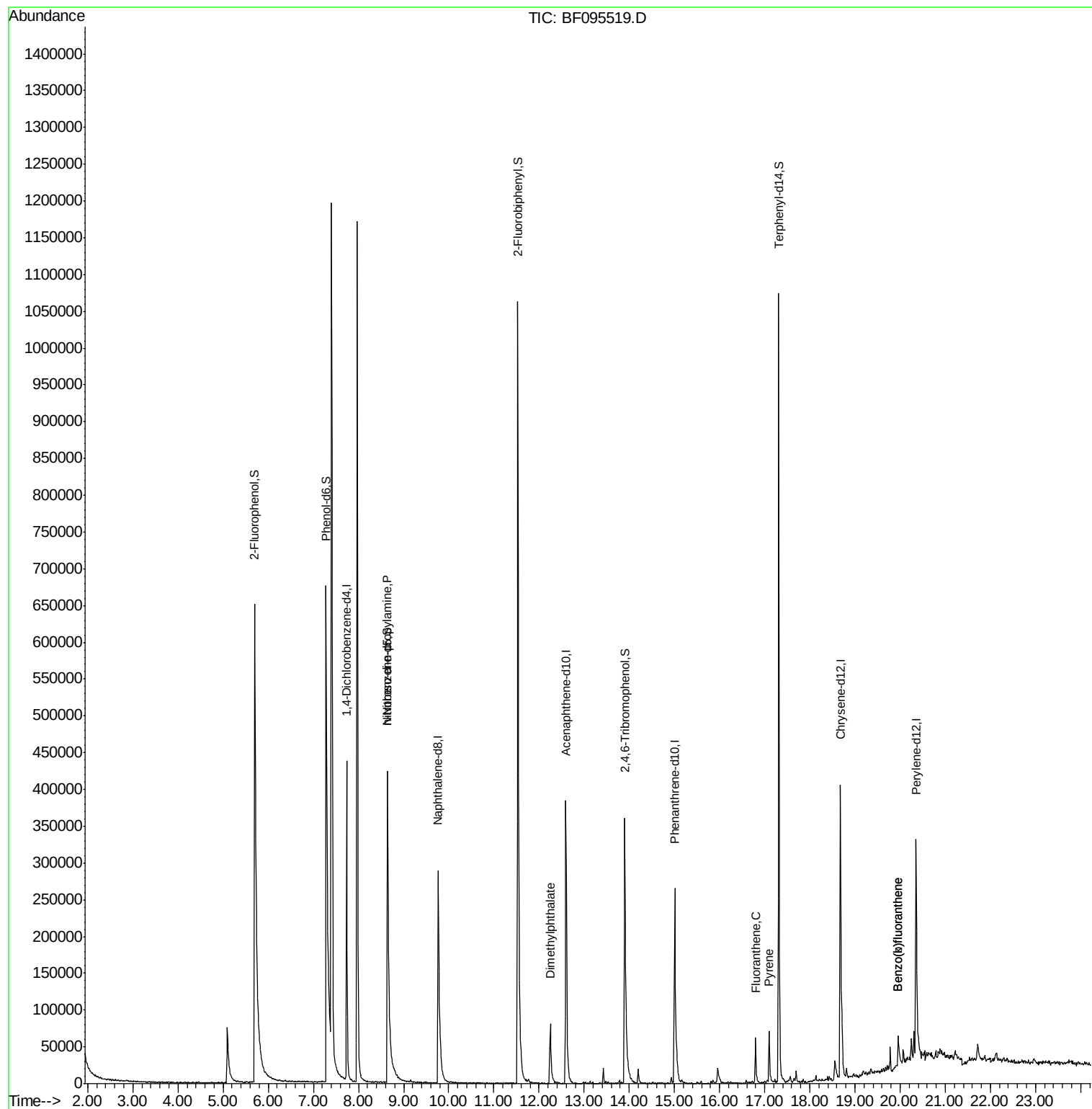
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	100717	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	381969	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	157404	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	220341	20.00	ng	0.00
75) Chrysene-d12	18.68	240	220117	20.00	ng	0.00
86) Perylene-d12	20.35	264	170435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	597480	98.90	ng	0.00
7) Phenol-d6	7.28	99	714301	98.55	ng	-0.01
23) Nitrobenzene-d5	8.64	82	387250	63.93	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	105501	81.84	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	728926	66.65	ng	0.00
78) Terphenyl-d14	17.31	244	441915	44.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.64	70	41216	8.41	ng	# 79
49) Dimethylphthalate	12.25	163	93401	7.23	ng	99
74) Fluoranthene	16.79	202	44371	3.42	ng	97
77) Pyrene	17.09	202	44101	2.68	ng	95
87) Benzo(b)fluoranthene	19.96	252	31312	2.97	ng	# 91
88) Benzo(k)fluoranthene	19.96	252	31312	3.08	ng	95

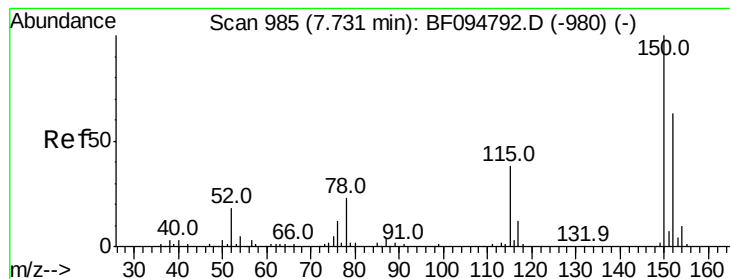
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095519.D
Acq On : 28 May 2017 3:10
Operator : SJ/MA
Sample : I3244-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 29 01:19:36 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



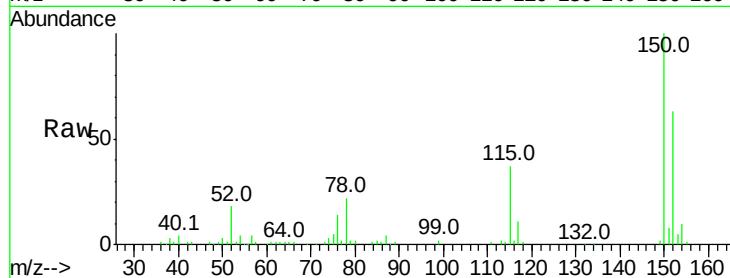


#1

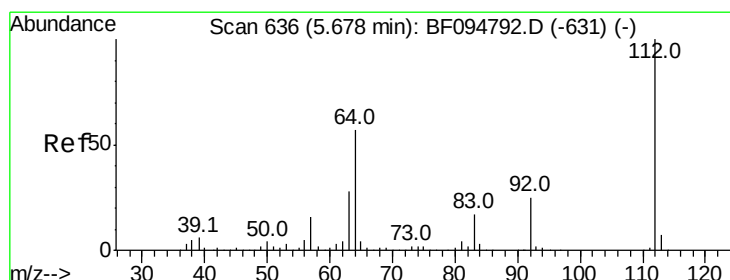
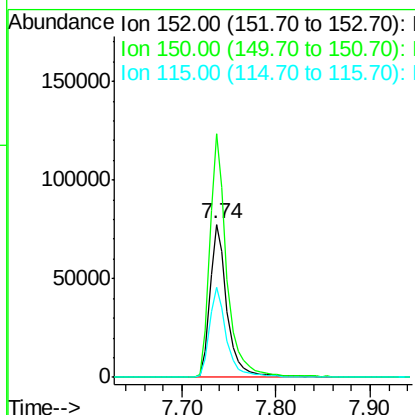
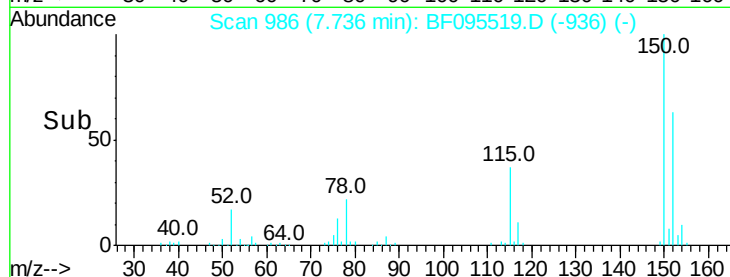
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095519.D
Acq: 28 May 2017 3:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	58.9	52.2	78.2



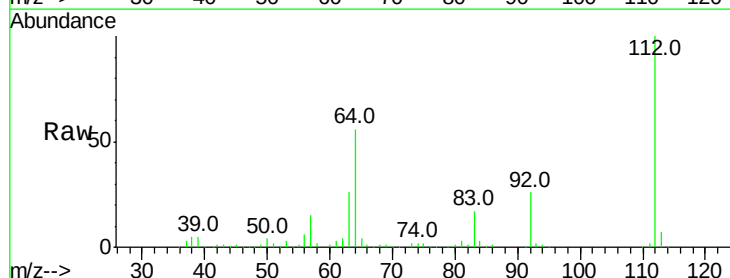
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



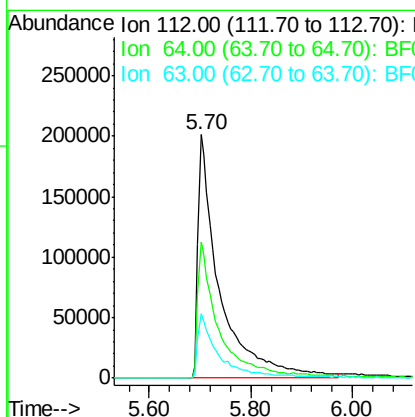
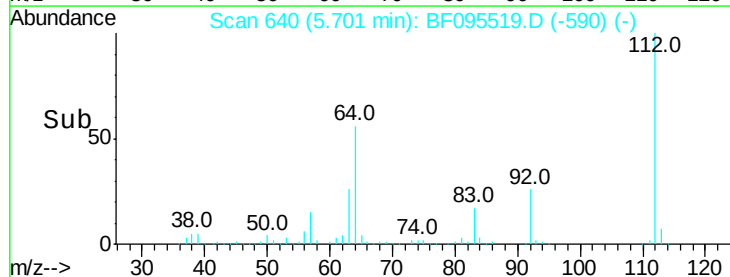
#5

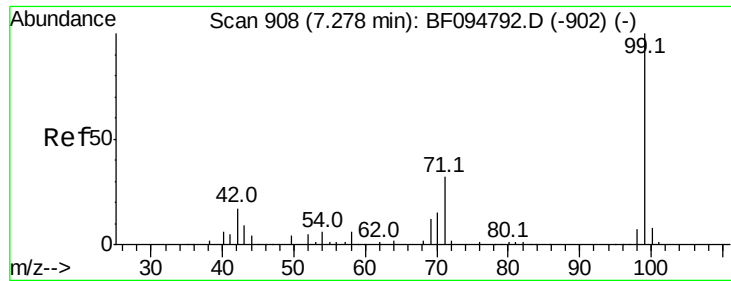
2-Fluorophenol
Concen: 98.90 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095519.D
Acq: 28 May 2017 3:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.0	69.0
63	26.4	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: 98.55 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

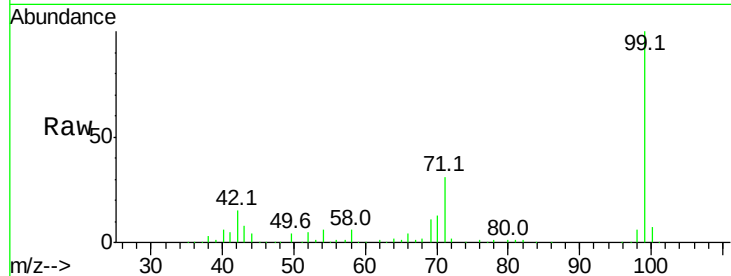
Tot Ion: 99 Resp: 714301

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

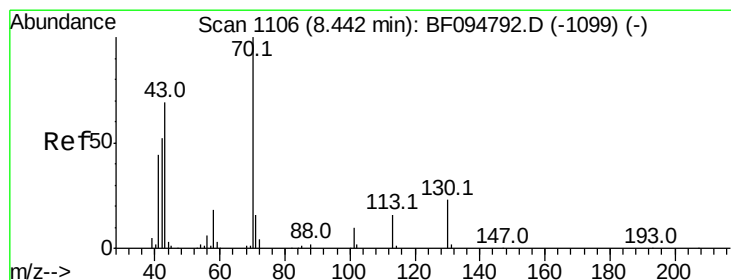
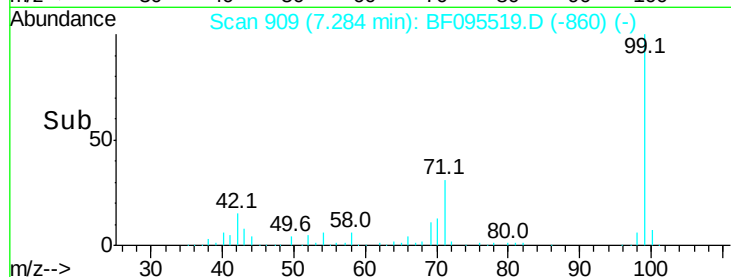
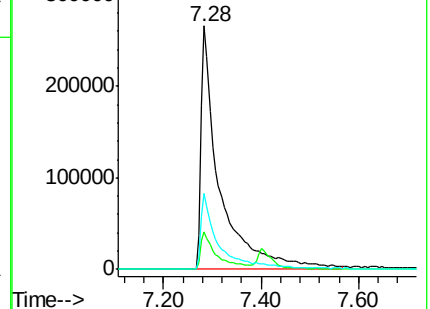
71 31.0 24.5 36.7



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: 8.41 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

Tgt Ion: 70 Resp: 41216

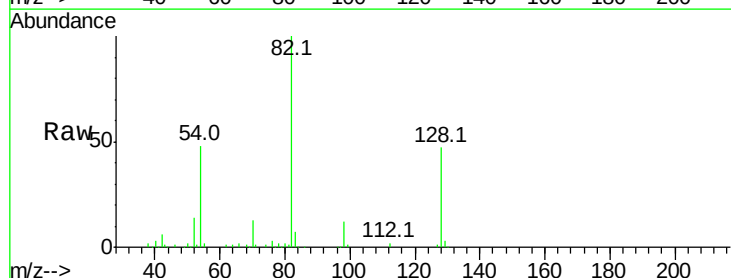
Ion Ratio Lower Upper

70 100

42 47.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

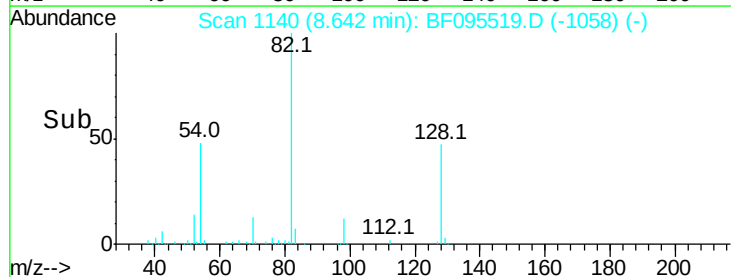
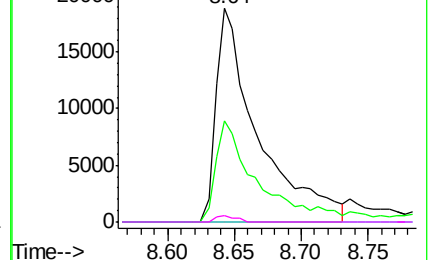


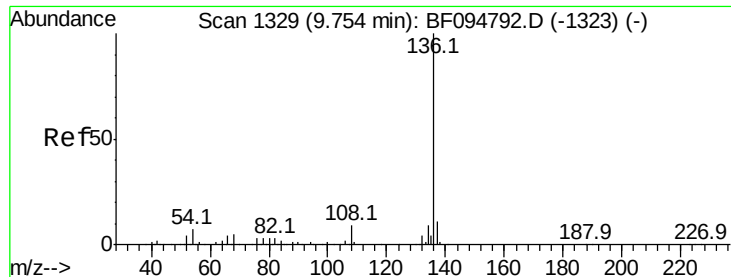
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

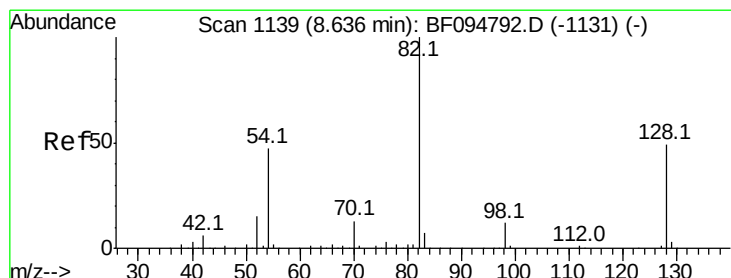
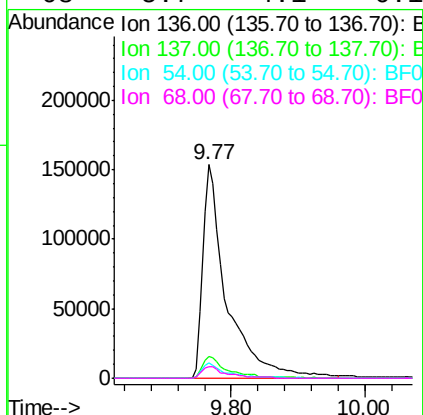
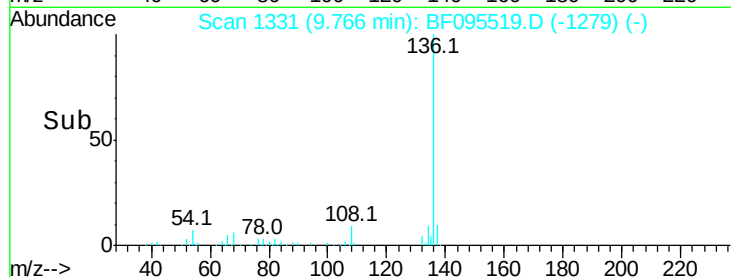
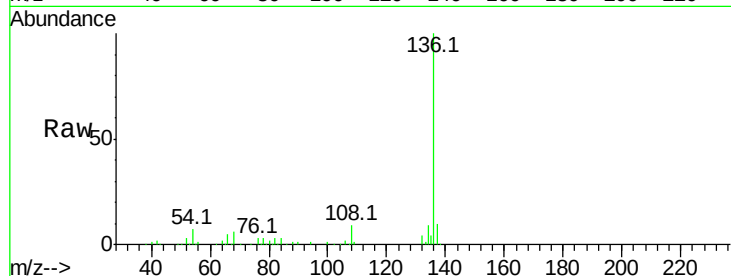




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095519.D
Acq: 28 May 2017 3:10

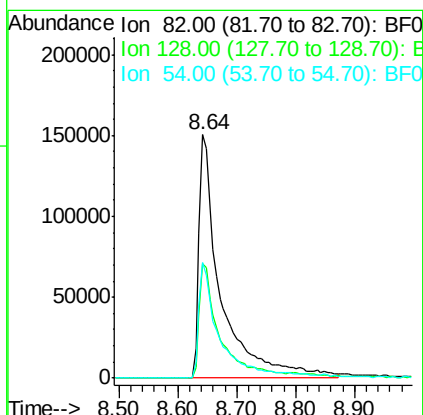
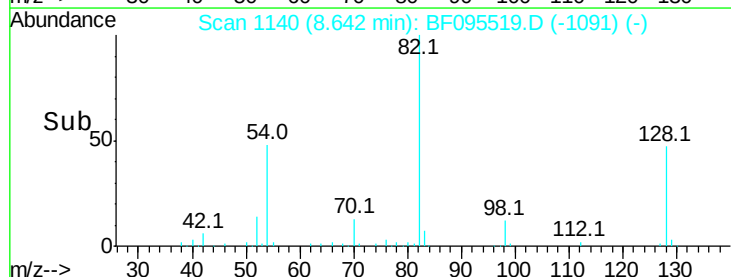
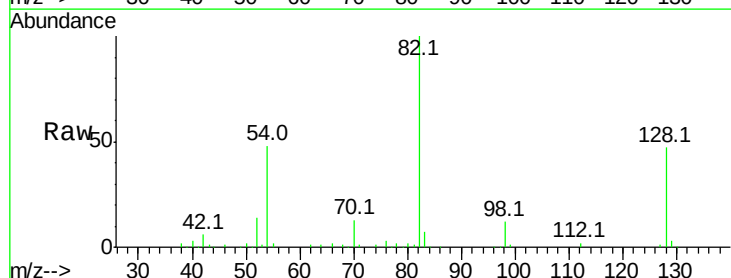
Instrument :
BNA_F
ClientSampleId :

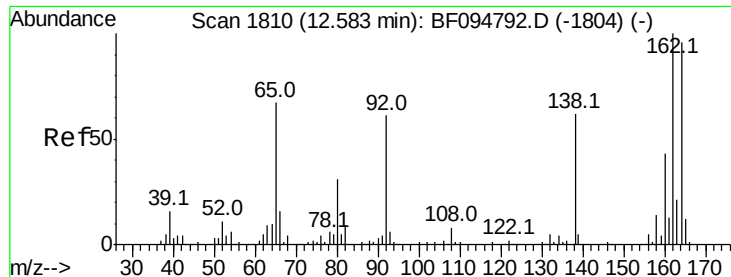
Tot Ion:136	Resp:	381969
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.5 12.7
54	7.0	4.9 7.3
68	5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 63.93 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095519.D
Acq: 28 May 2017 3:10

Tgt Ion: 82	Resp:	387250
Ion Ratio	Lower	Upper
82	100	
128	47.2	34.0 51.0
54	47.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

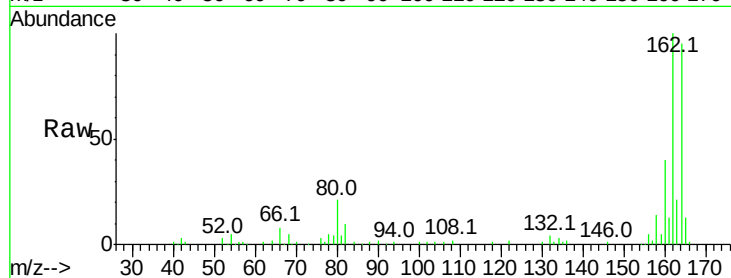
Tot Ion:164 Resp: 157404

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

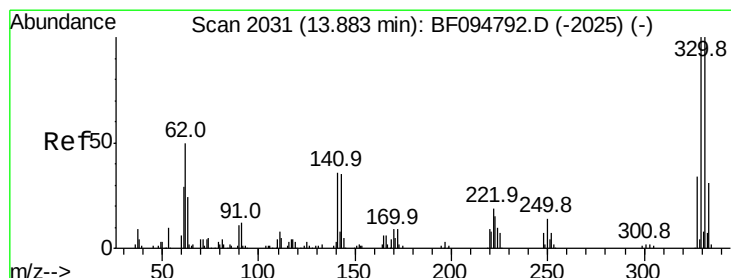
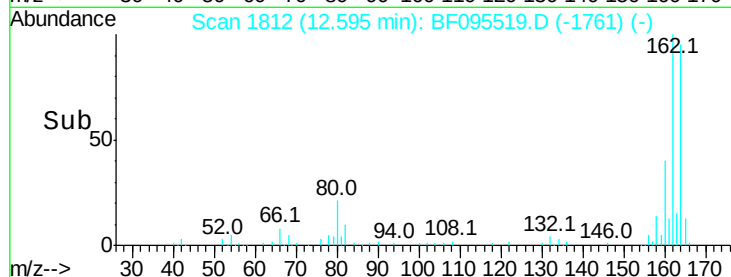
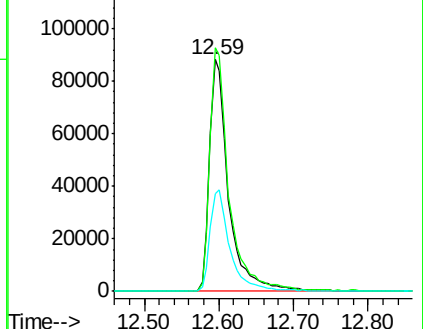
160 42.3 36.2 54.2



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: 81.84 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

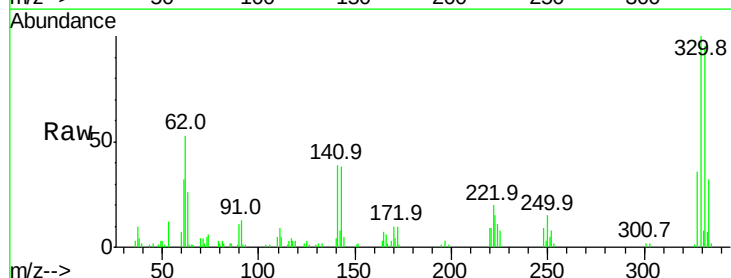
Tgt Ion:330 Resp: 105501

Ion Ratio Lower Upper

330 100

332 94.2 76.6 115.0

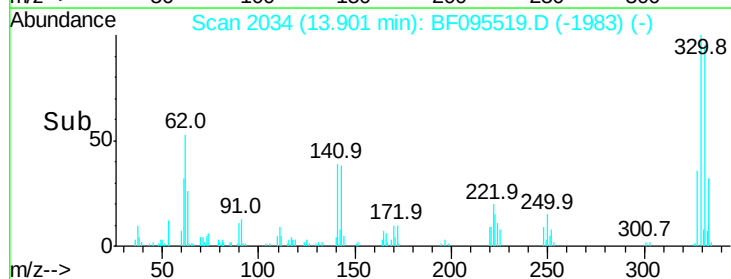
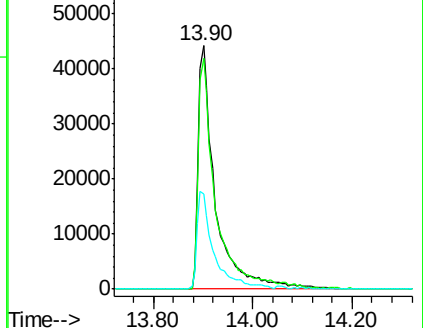
141 39.2 31.4 47.2

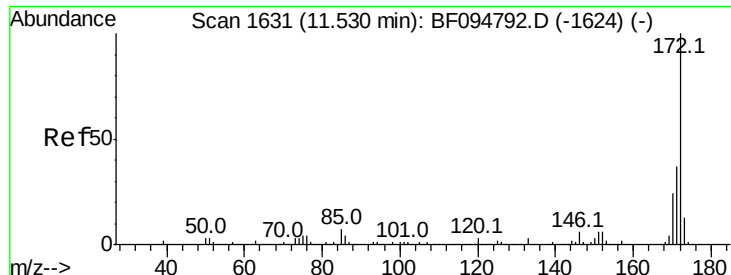


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

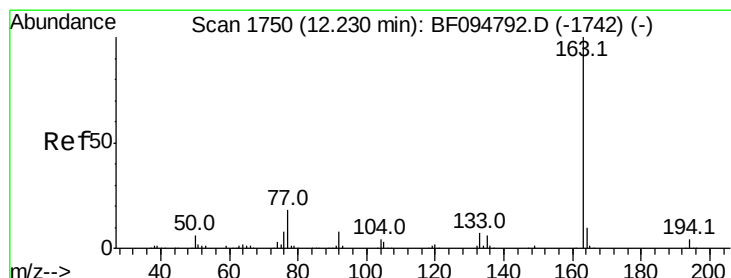
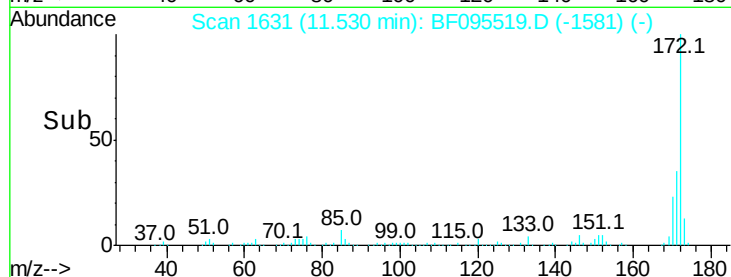
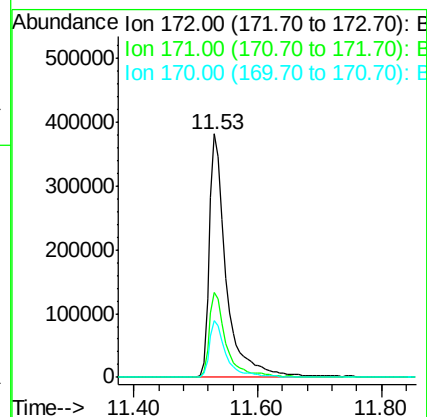
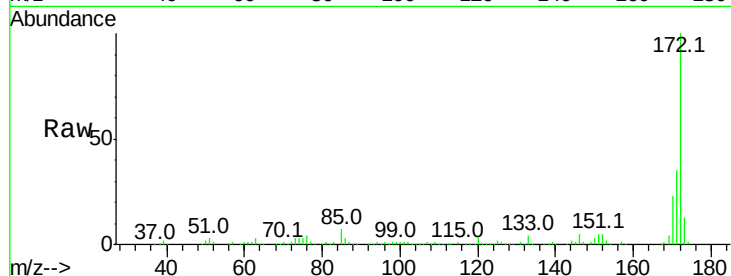




#44
2-Fluorobiphenyl
Concen: 66.65 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095519.D
Acq: 28 May 2017 3:10

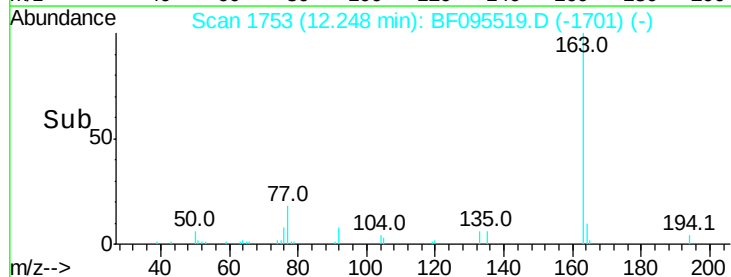
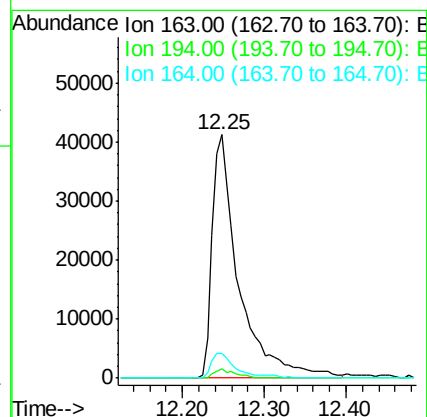
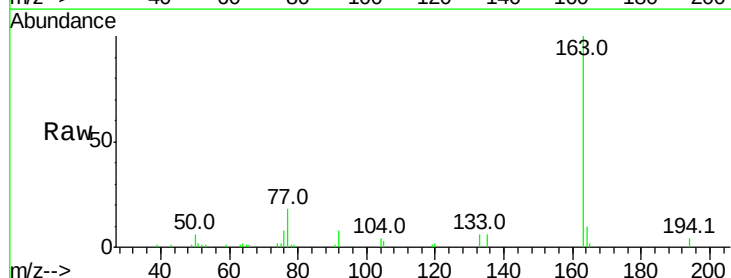
Instrument :
BNA_F
ClientSampleId :

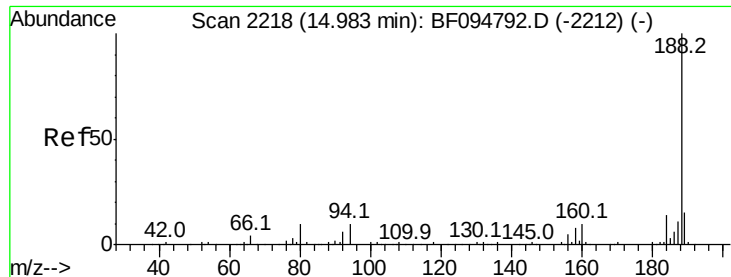
Tot Ion:172 Resp: 728926
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 7.23 ng
RT: 12.25 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BF095519.D
Acq: 28 May 2017 3:10

Tgt Ion:163 Resp: 93401
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.2 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

Instrument :

BNA_F

ClientSampled :

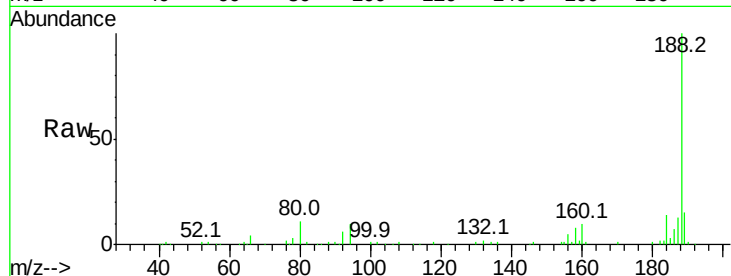
Tot Ion:188 Resp: 220341

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

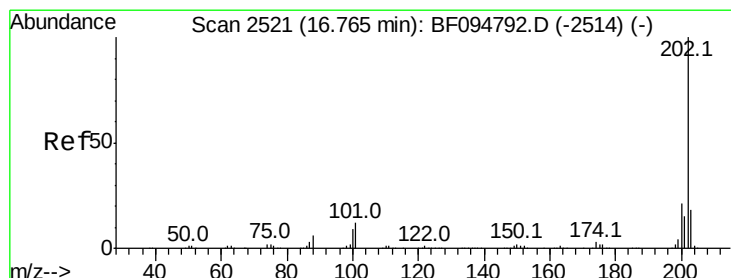
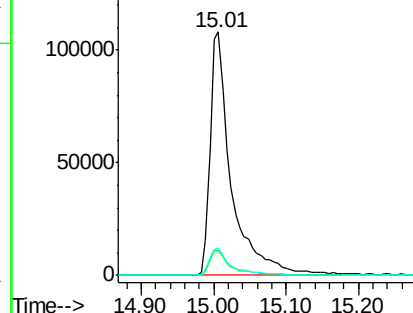
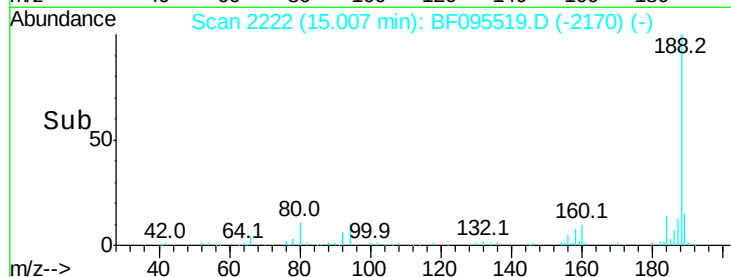
80 11.3 10.2 15.2



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



#74

Fluoranthene

Concen: 3.42 ng

RT: 16.79 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

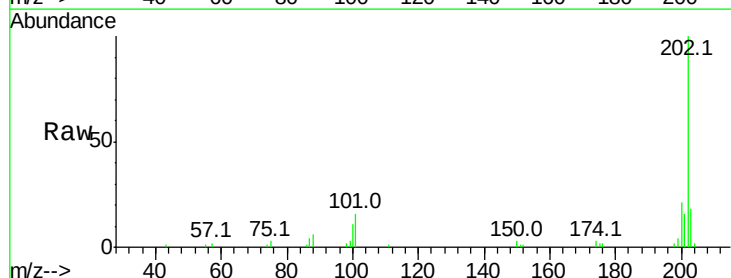
Tgt Ion:202 Resp: 44371

Ion Ratio Lower Upper

202 100

101 16.0 0.0 33.2

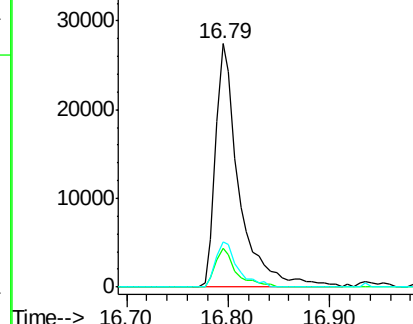
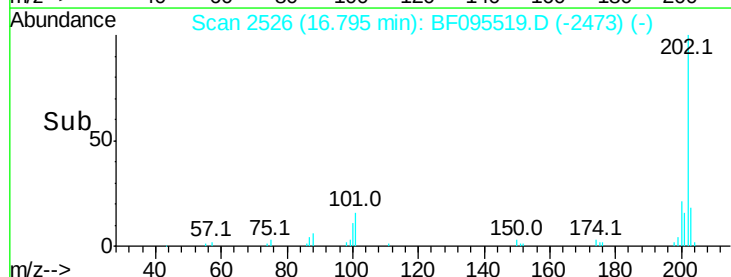
203 18.4 0.0 38.1

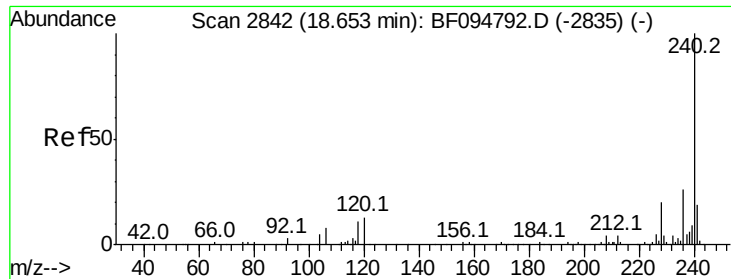


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

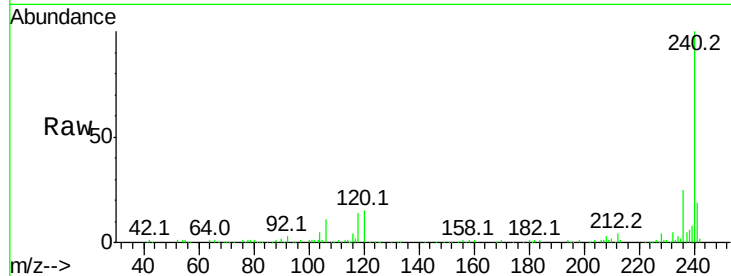
Tot Ion:240 Resp: 220117

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

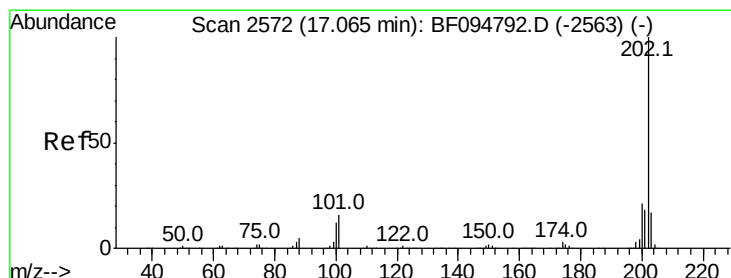
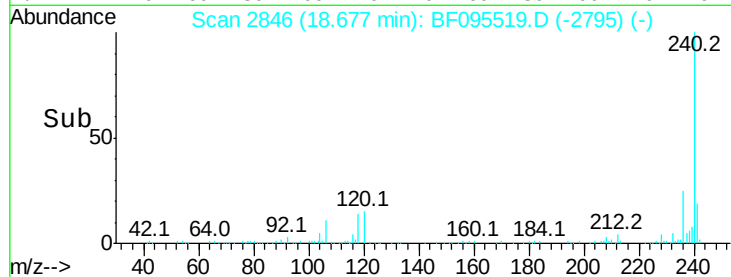
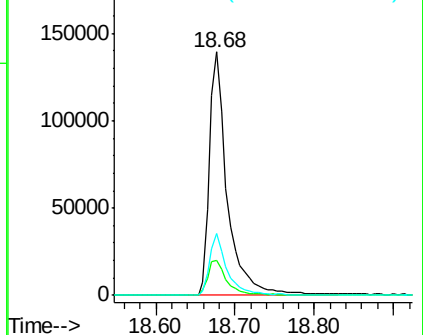
236 25.3 20.5 30.7



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



#77

Pyrene

Concen: 2.68 ng

RT: 17.09 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

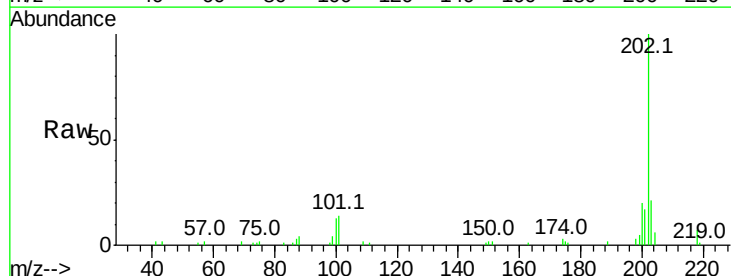
Tgt Ion:202 Resp: 44101

Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

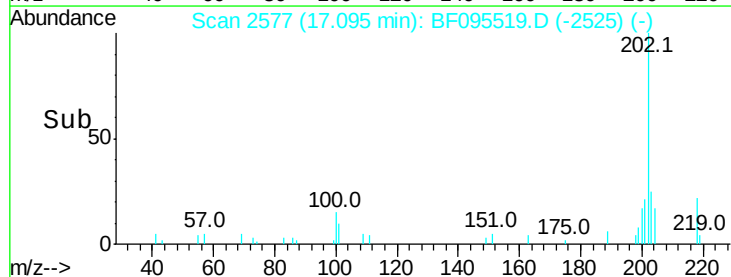
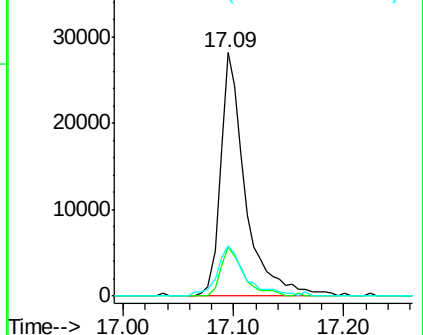
203 20.8 14.4 21.6

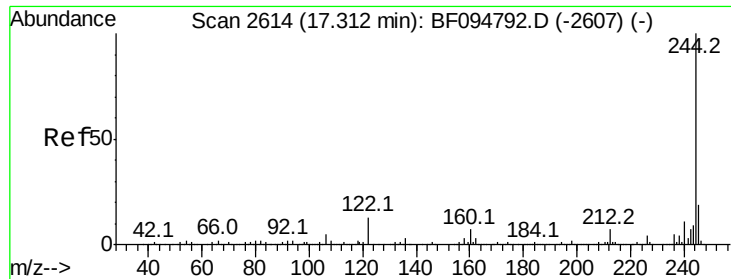


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 44.22 ng

RT: 17.31 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

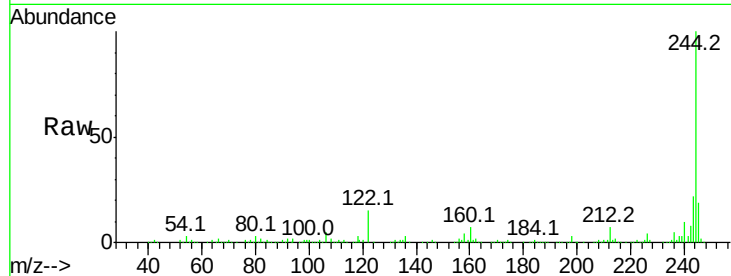
Tot Ion:244 Resp: 441915

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

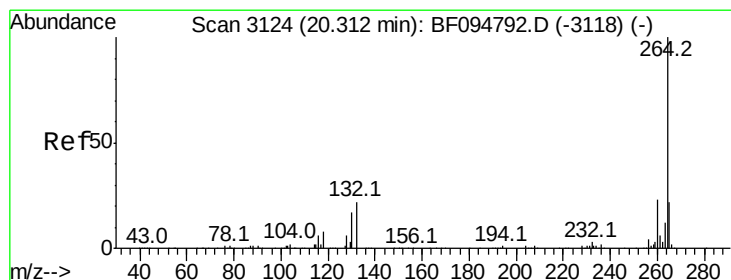
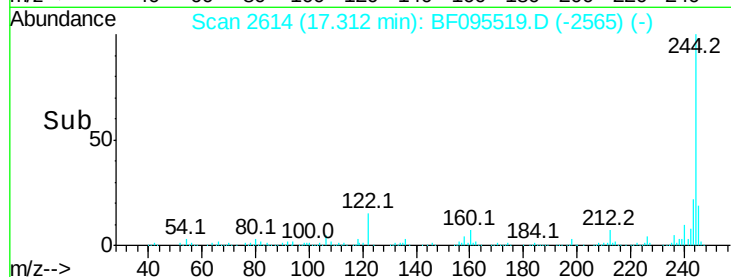
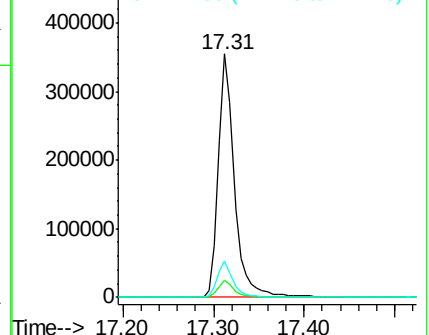
122 15.0 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.35 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

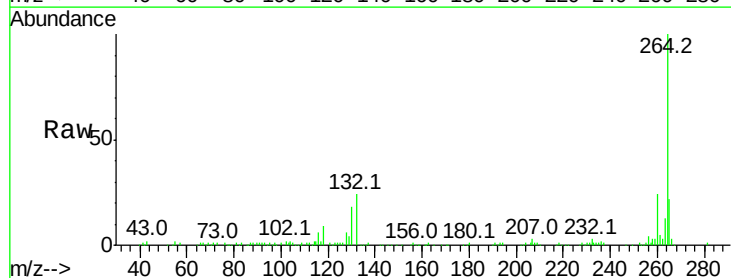
Tgt Ion:264 Resp: 170435

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

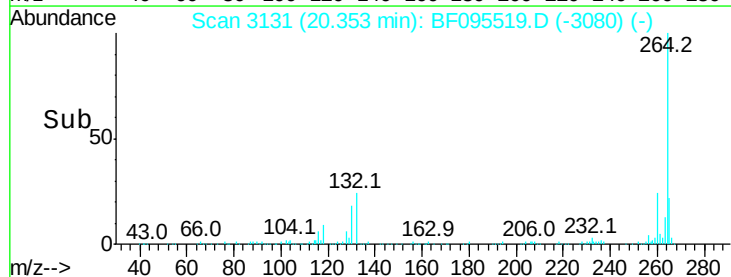
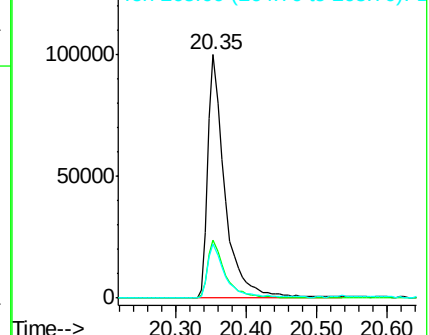
265 22.4 17.2 25.8

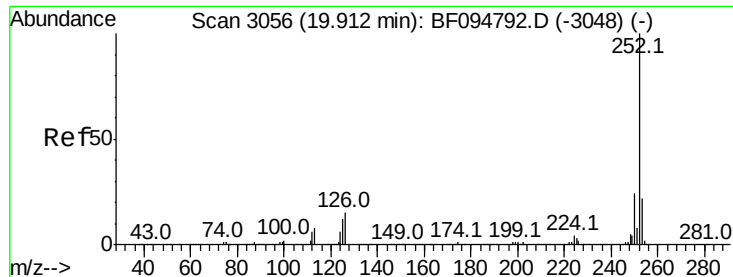


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.97 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.02 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

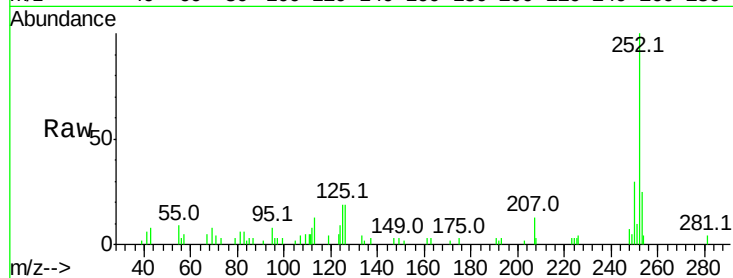
Tot Ion:252 Resp: 31312

Ion Ratio Lower Upper

252 100

253 25.4 18.1 27.1

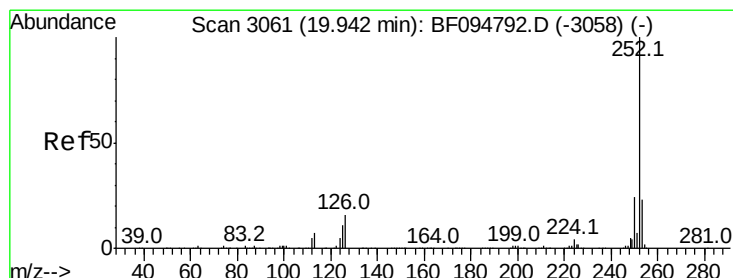
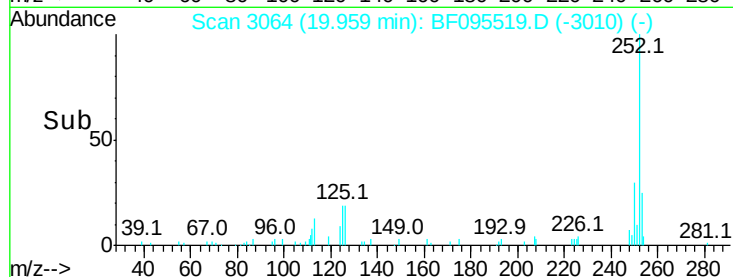
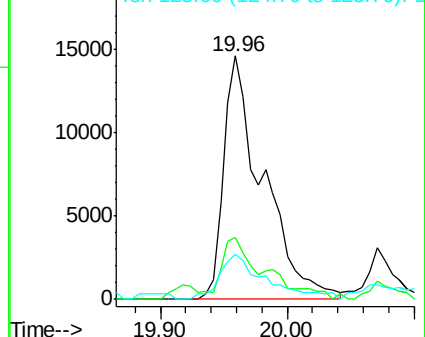
125 18.6 9.8 14.8#



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



#88

Benzo(k)fluoranthene

Concen: 3.08 ng

RT: 19.96 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BF095519.D

Acq: 28 May 2017 3:10

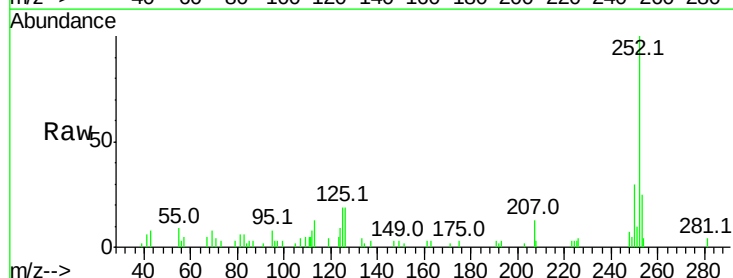
Tgt Ion:252 Resp: 31312

Ion Ratio Lower Upper

252 100

253 25.4 18.4 27.6

125 18.6 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

