

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095183.D
 Acq On : 17 May 2017 6:10
 Operator : SJ/MA
 Sample : I3153-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-4-6

Quant Time: May 17 09:06:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

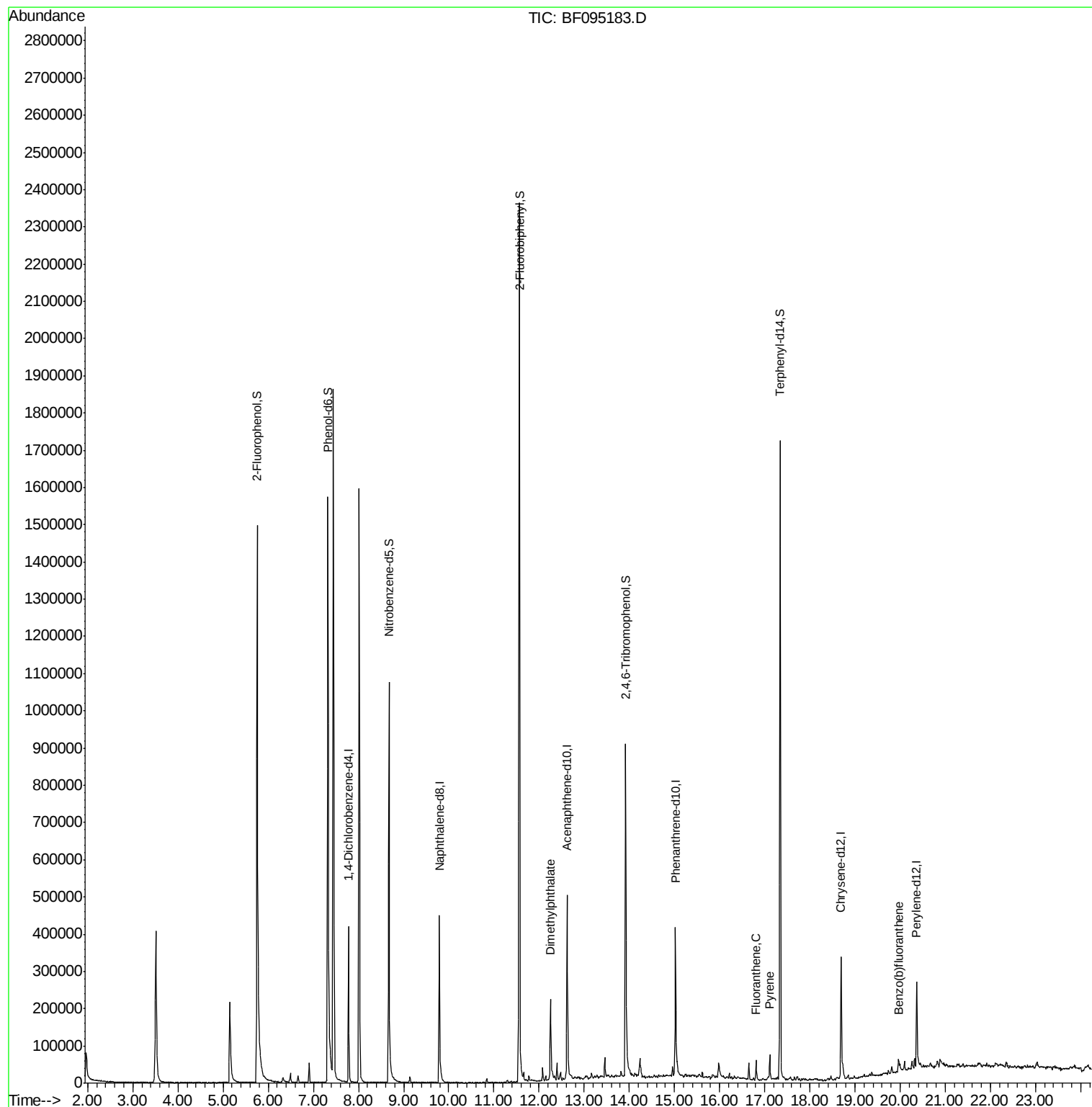
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	88538	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	332253	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	154822	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	222667	20.00	ng	0.04
75) Chrysene-d12	18.69	240	157951	20.00	ng	0.04
86) Perylene-d12	20.37	264	119081	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	891409	167.86	ng	0.08
7) Phenol-d6	7.32	99	921830	144.67	ng	0.05
23) Nitrobenzene-d5	8.68	82	534141	101.38	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	157807	124.46	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1116408	103.79	ng	0.04
78) Terphenyl-d14	17.34	244	672091	93.72	ng	0.03
Target Compounds						
49) Dimethylphthalate	12.25	163	164742	12.96	ng	97
74) Fluoranthene	16.81	202	34126	2.60	ng	98
77) Pyrene	17.11	202	35798	3.03	ng	99
87) Benzo(b)fluoranthene	19.96	252	16194m	2.20	ng	

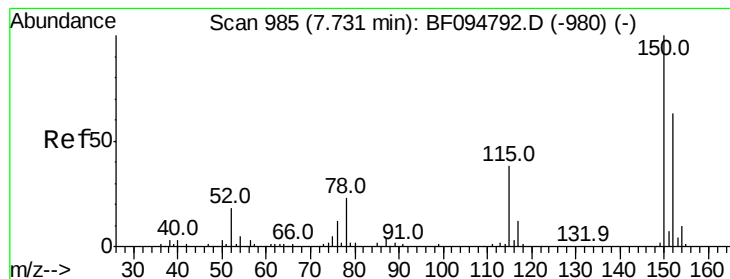
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Instrument :

BNA_F

ClientSampleId :

DS-4-6

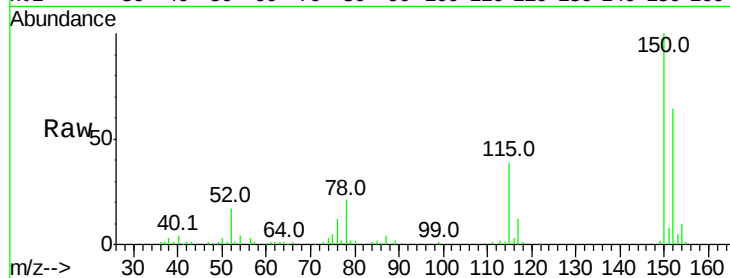
Tot Ion:152 Resp: 88538

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

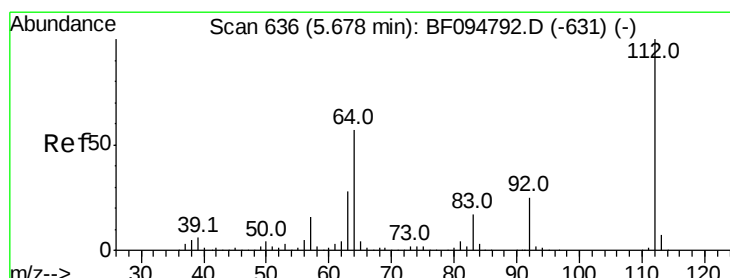
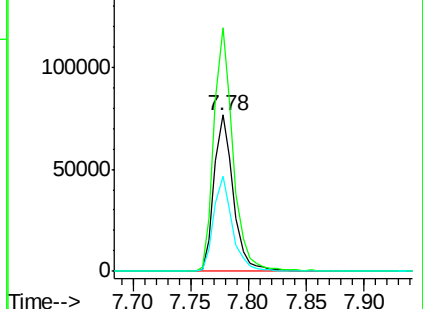
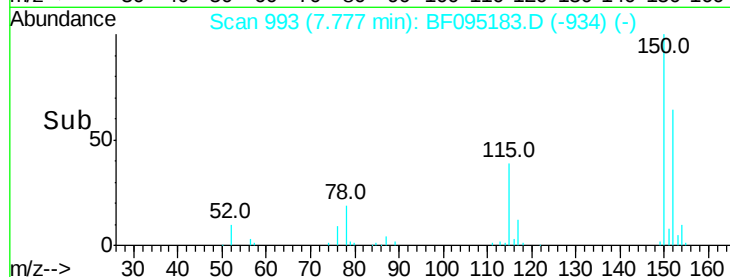
115 61.3 52.2 78.2



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: 167.86 ng

RT: 5.75 min Scan# 649

Delta R.T. 0.08 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

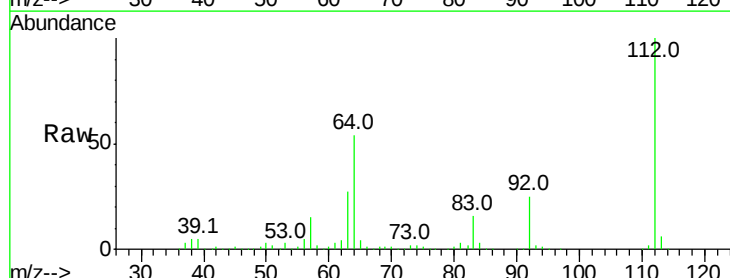
Tgt Ion:112 Resp: 891409

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

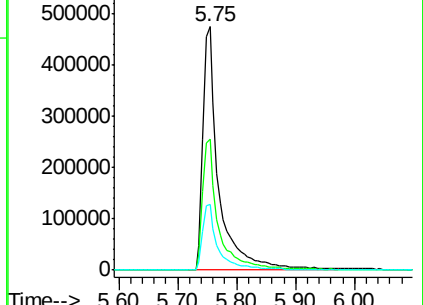
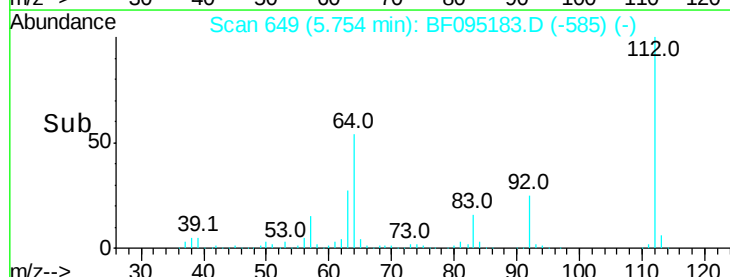
63 26.8 23.4 35.0

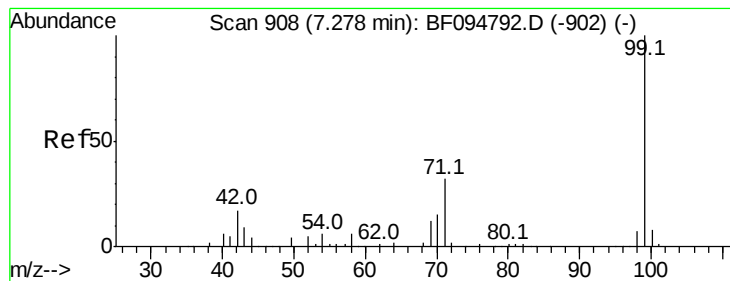


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.67 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Instrument :

BNA_F

ClientSampleId :

DS-4-6

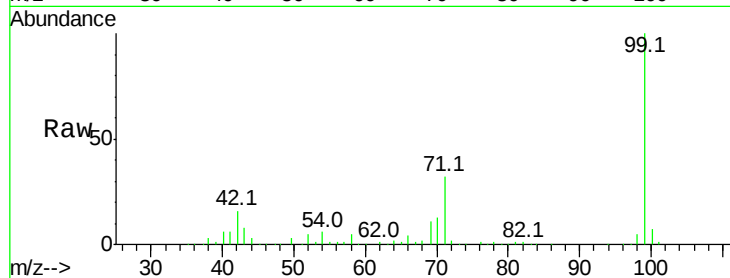
Tot Ion: 99 Resp: 921830

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

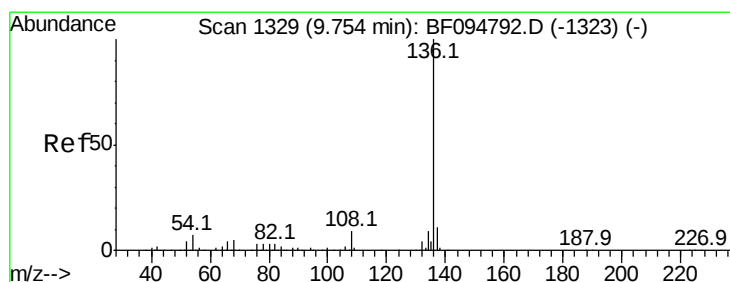
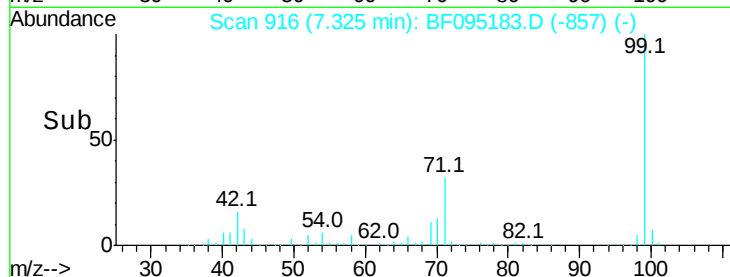
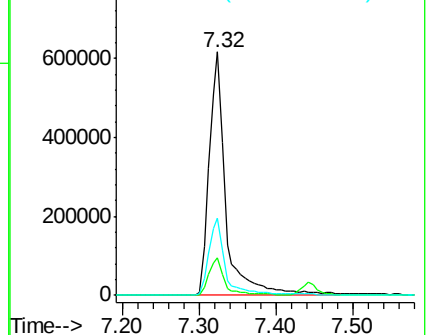
71 31.9 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Tgt Ion: 136 Resp: 332253

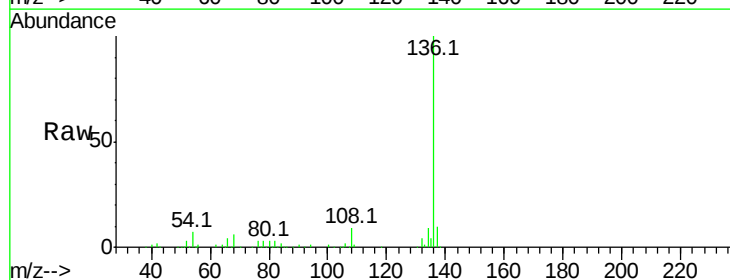
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

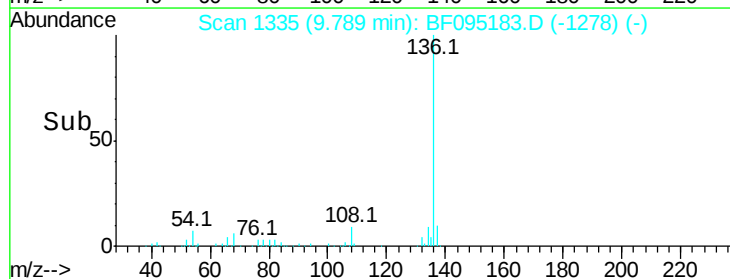
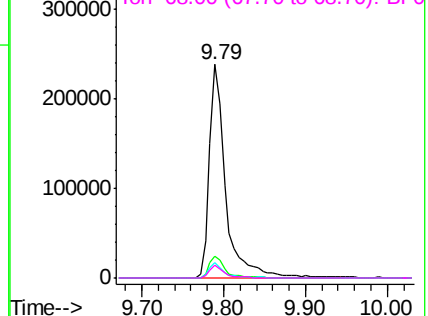


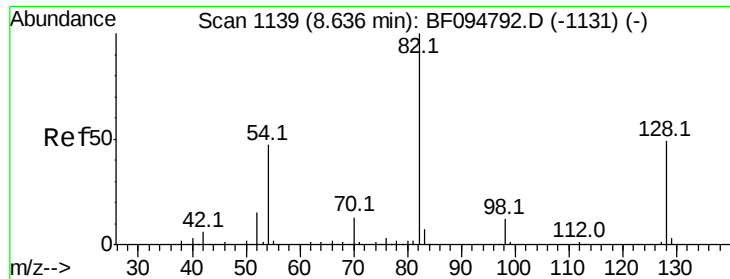
Abundance Ion 136.00 (135.70 to 136.70): E

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

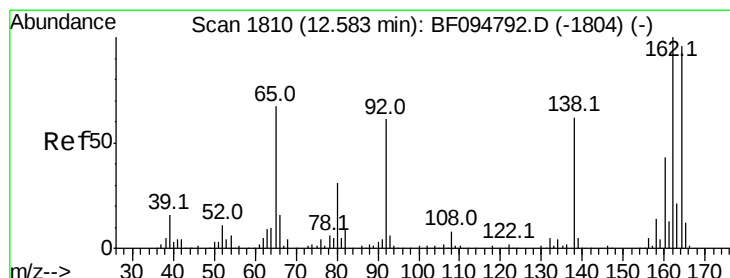
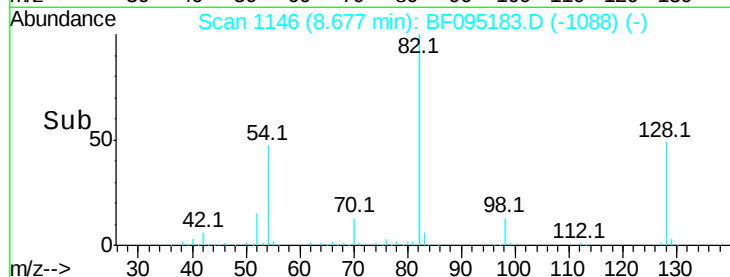
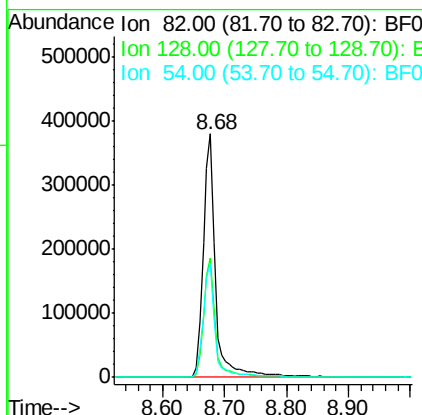
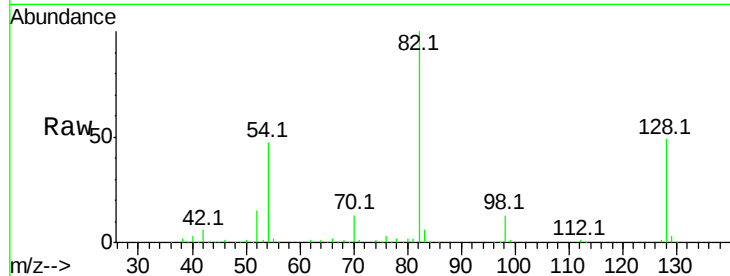




#23
 Nitrobenzene-d5
 Concen: 101.38 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

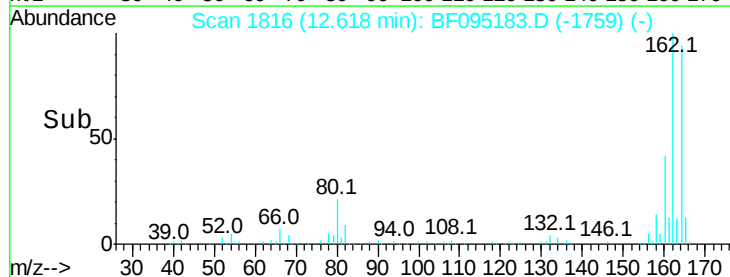
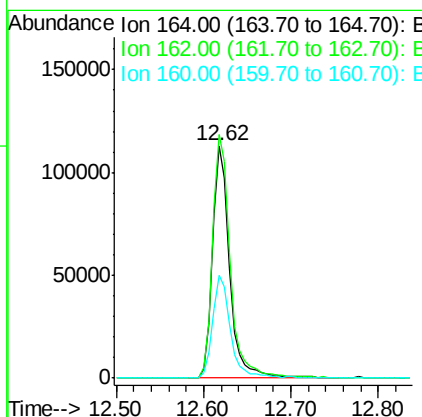
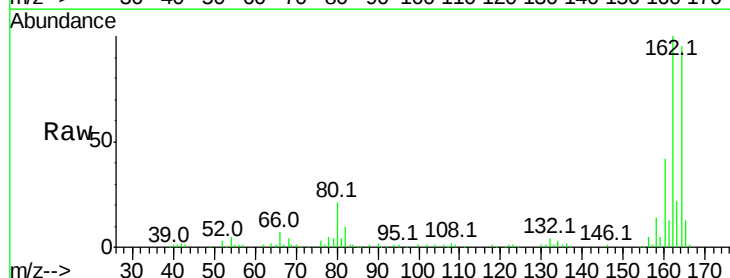
Instrument :
 BNA_F
 ClientSampleID :
 DS-4-6

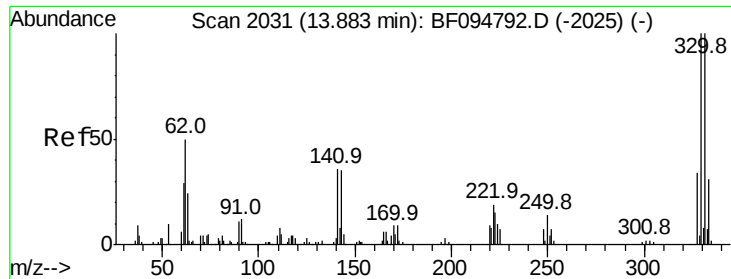
Tot Ion	82	Resp	534141
Ion Ratio	Lower	Upper	
82	100		
128	49.2	34.0	51.0
54	46.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Tgt Ion	164	Resp	154822
Ion Ratio	Lower	Upper	
164	100		
162	104.8	82.6	123.8
160	44.3	36.2	54.2

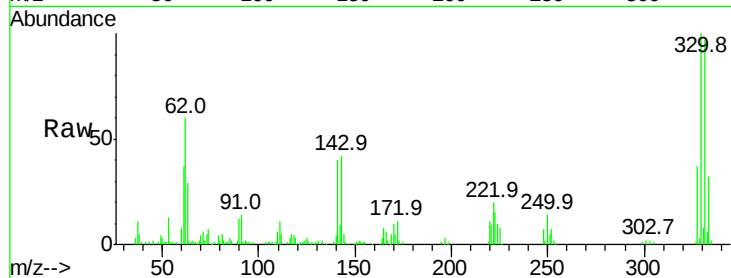




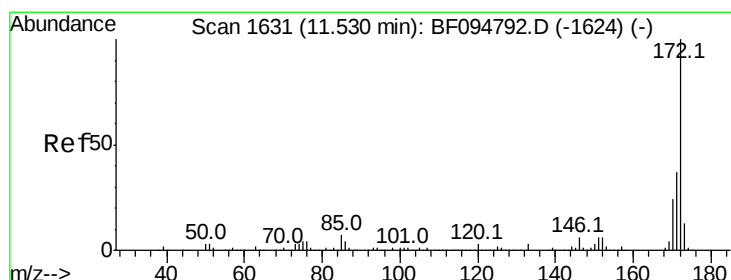
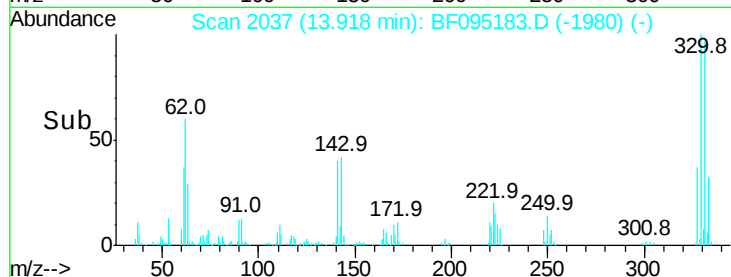
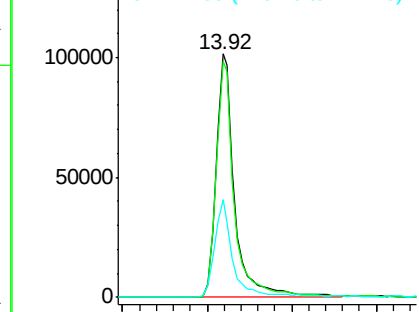
#41
 2,4,6-Tribromophenol
 Concen: 124.46 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 DS-4-6

Tot Ion:330 Resp: 157807
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.8 31.4 47.2

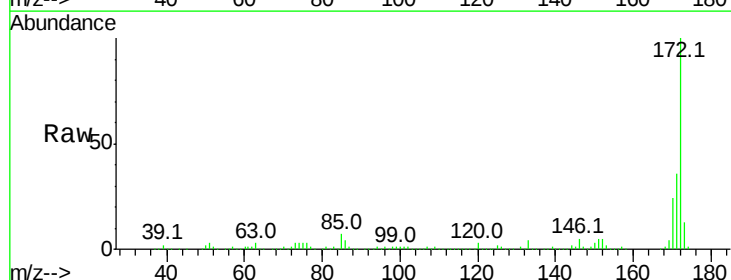


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

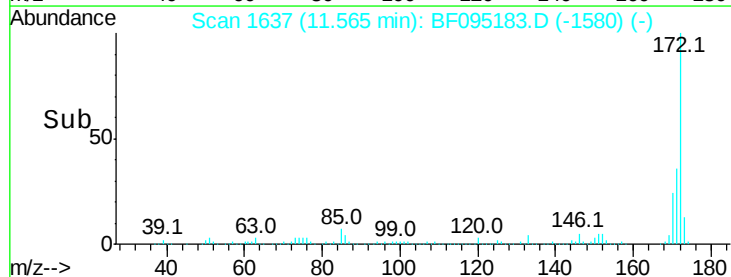
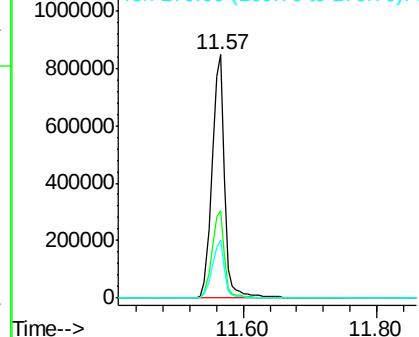


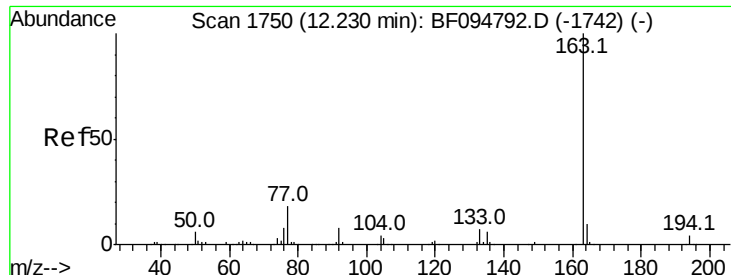
#44
 2-Fluorobiphenyl
 Concen: 103.79 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Tgt Ion:172 Resp: 1116408
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 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: 12.96 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Instrument :

BNA_F

ClientSampleId :

DS-4-6

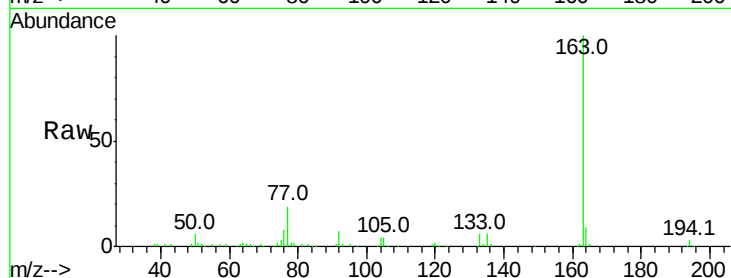
Tot Ion:163 Resp: 164742

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

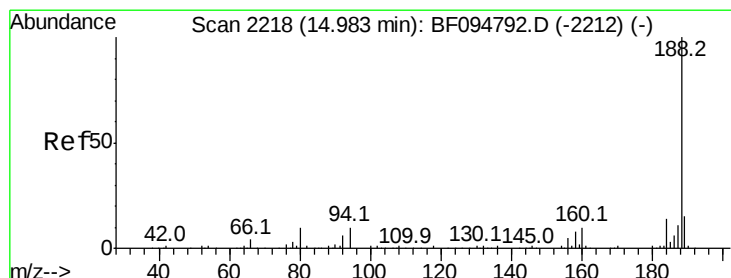
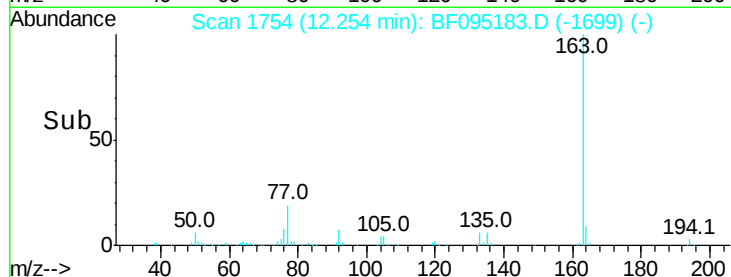
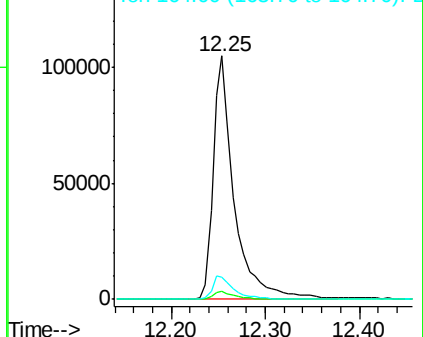
164 9.2 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

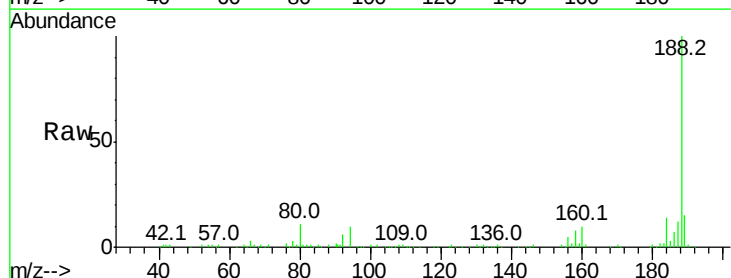
Tgt Ion:188 Resp: 222667

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

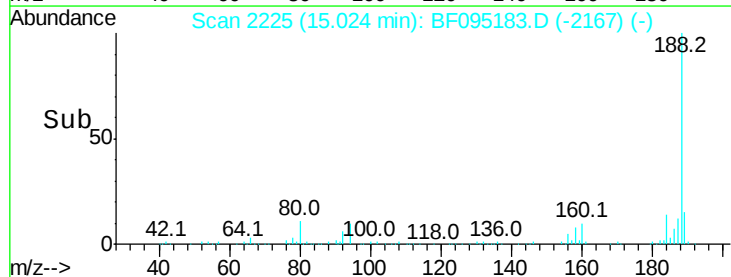
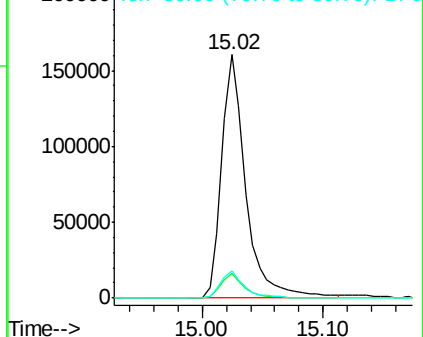
80 11.1 10.2 15.2

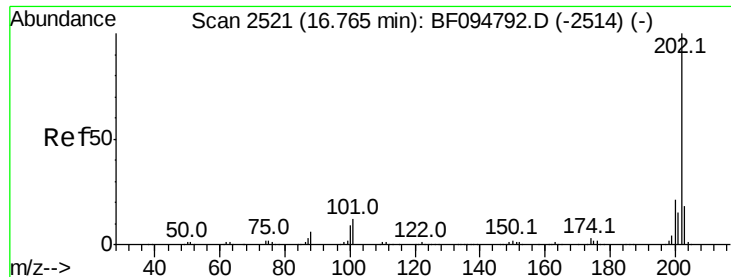


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

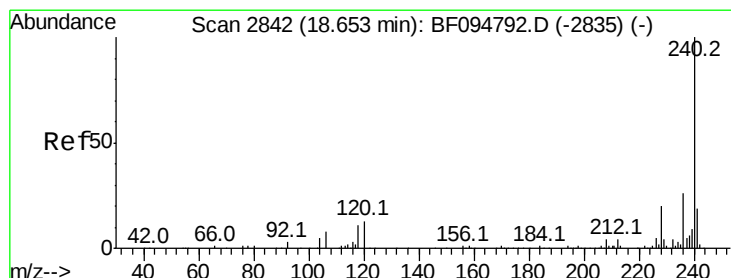
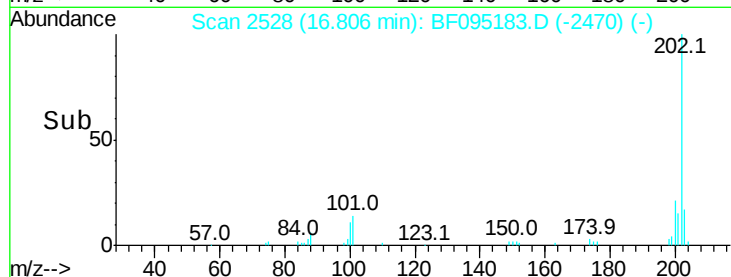
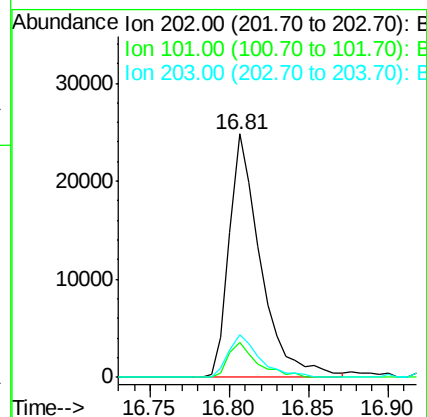
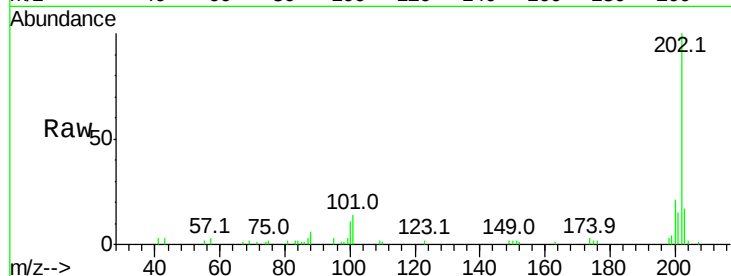




#74
 Fluoranthene
 Concen: 2.60 ng
 RT: 16.81 min Scan# 2528
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

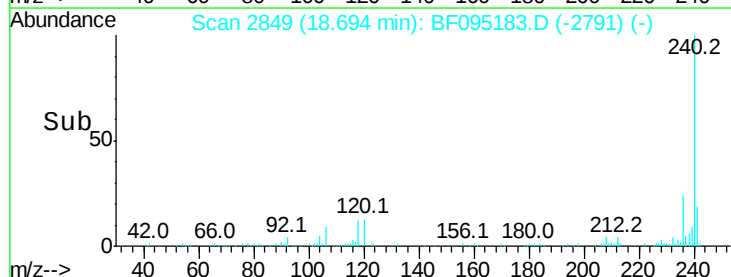
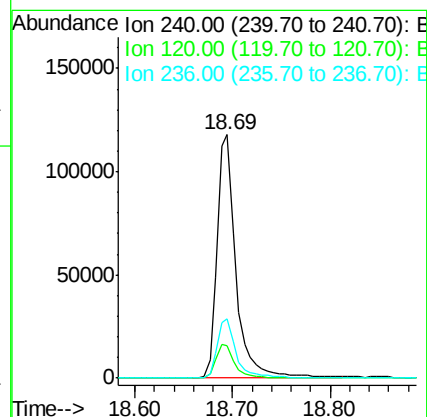
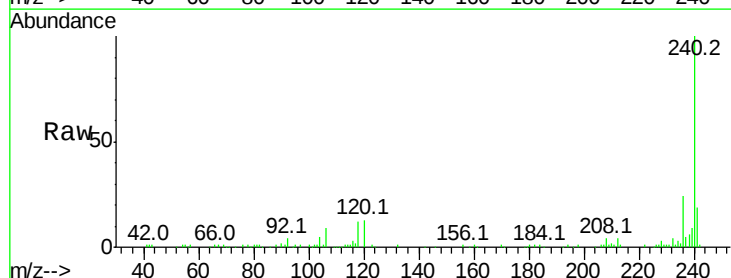
Instrument :
 BNA_F
 ClientSampleId :
 DS-4-6

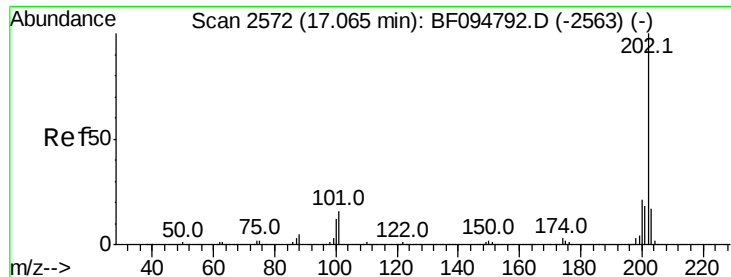
Tot Ion:	202	Resp:	34126
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Tgt Ion:	240	Resp:	157951
Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.3	20.5	30.7

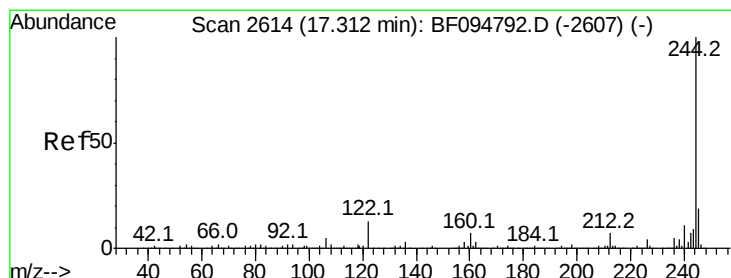
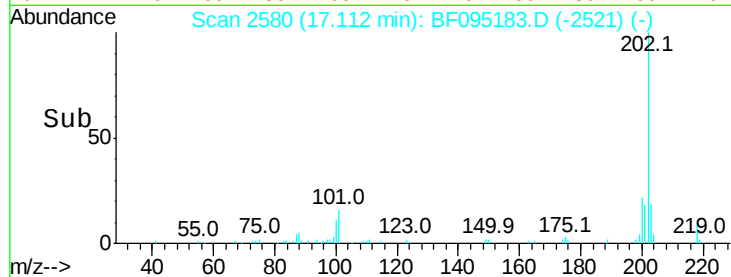
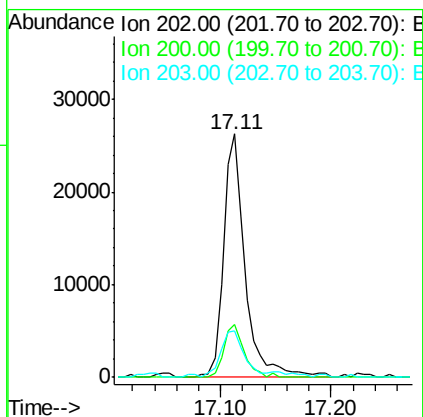
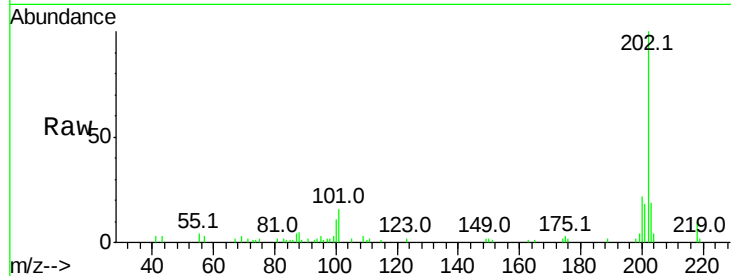




#77
Pvrene
Concen: 3.03 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095183.D
Acq: 17 May 2017 6:10

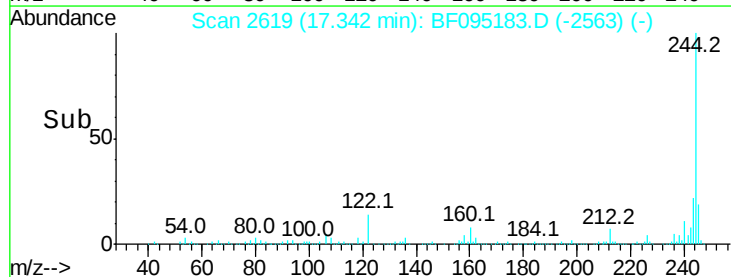
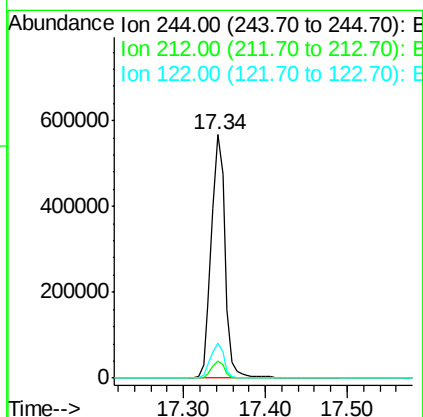
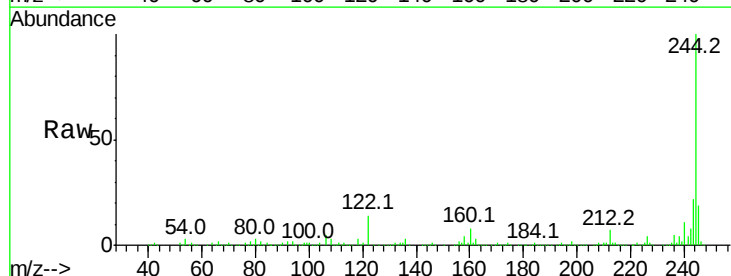
Instrument :
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DS-4-6

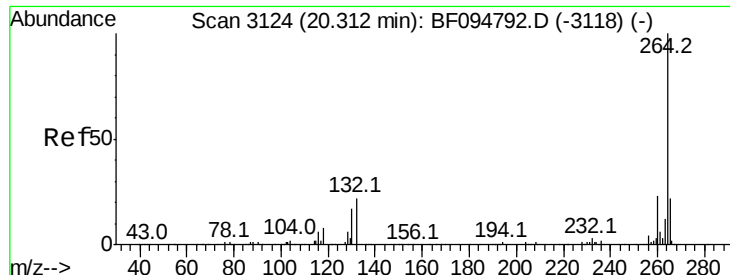
Tot Ion:202 Resp: 35798
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 19.0 14.4 21.6



#78
Terphenyl-d14
Concen: 93.72 ng
RT: 17.34 min Scan# 2619
Delta R.T. 0.03 min
Lab File: BF095183.D
Acq: 17 May 2017 6:10

Tgt Ion:244 Resp: 672091
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 14.4 10.3 15.5

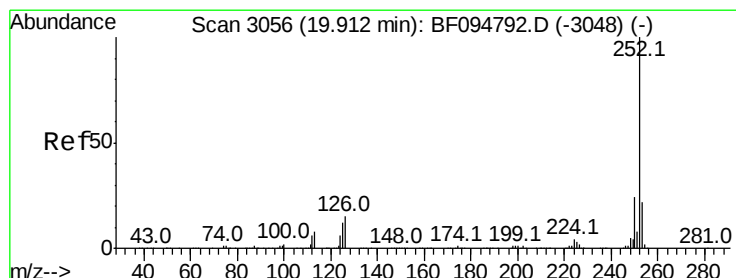
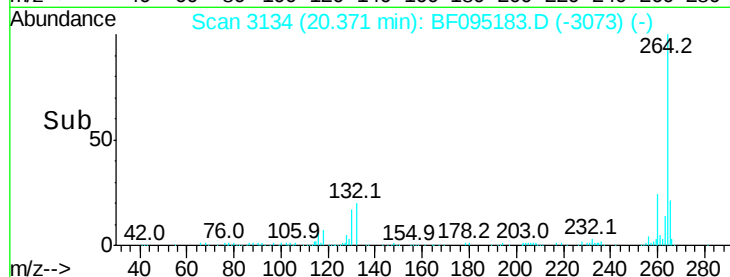
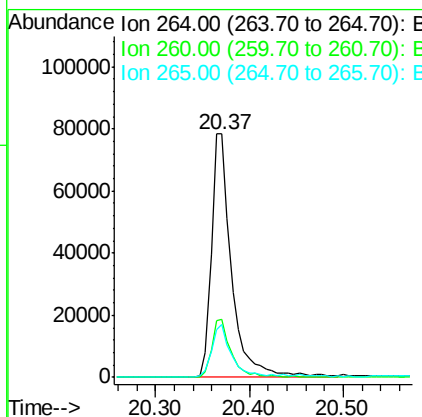
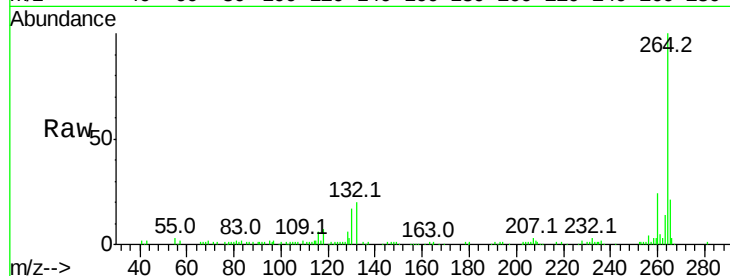




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095183.D
Acq: 17 May 2017 6:10

Instrument :
BNA_F
ClientSampleId :
DS-4-6

Tot Ion:264 Resp: 119081
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.20 ng m
RT: 19.96 min Scan# 3065
Delta R.T. 0.05 min
Lab File: BF095183.D
Acq: 17 May 2017 6:10

Tgt Ion:252 Resp: 16194
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 14.4 9.8 14.8

