

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 :

Quant Time: May 17 08:47:51 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

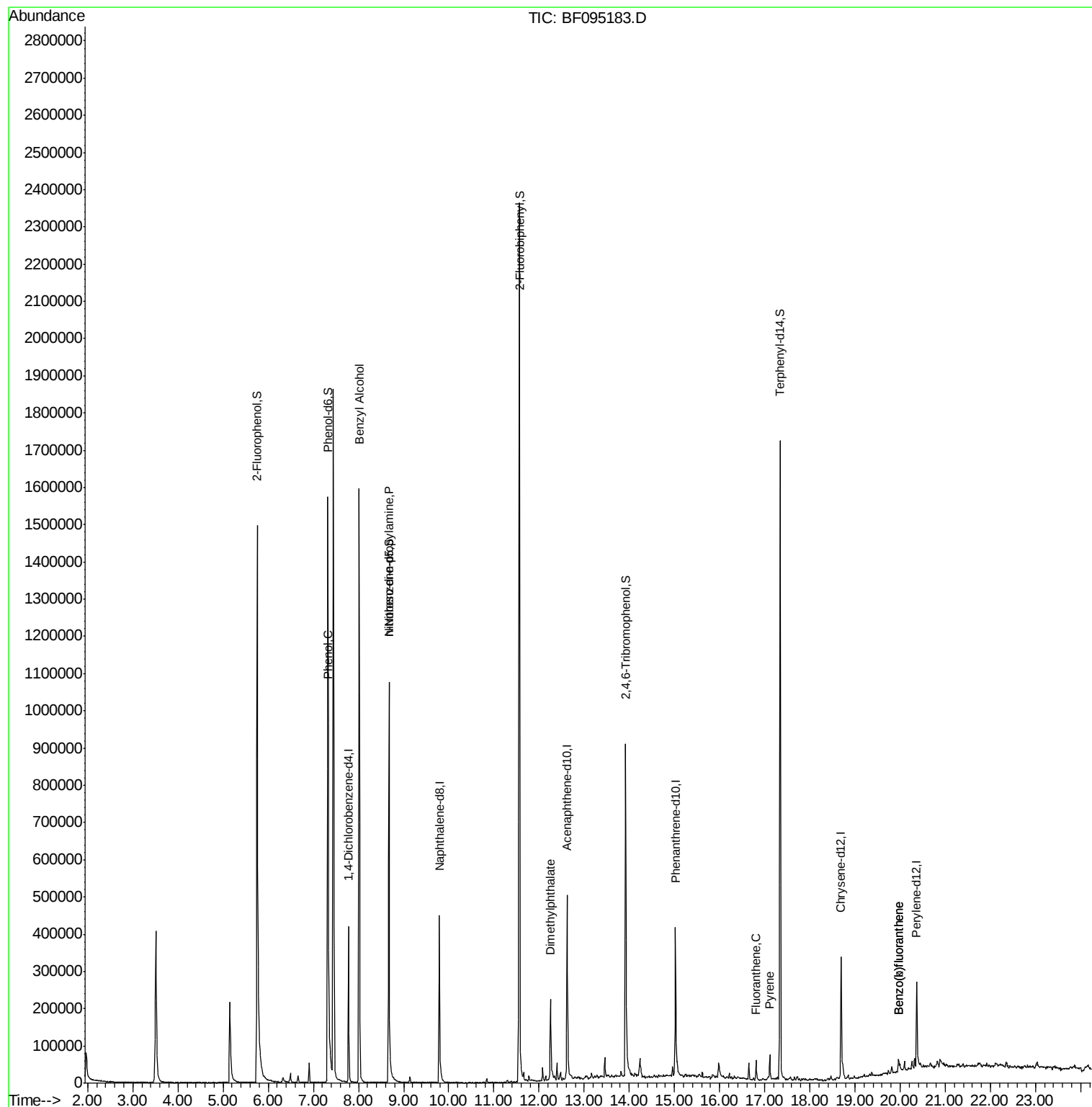
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	88538	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	332253	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	154822	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	222667	20.00	ng	0.04
75) Chrysene-d12	18.69	240	157951	20.00	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						
10) Phenol	7.34	94	22232	3.31	ng	# 62
15) Benzyl Alcohol	8.02	79	9184	2.24	ng	# 40
19) n-Nitroso-di-n-propylamine	8.68	70	66465	15.42	ng	# 75
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	25117	3.41	ng	97
88) Benzo(k)fluoranthene	19.96	252	25117	3.54	ng	98

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

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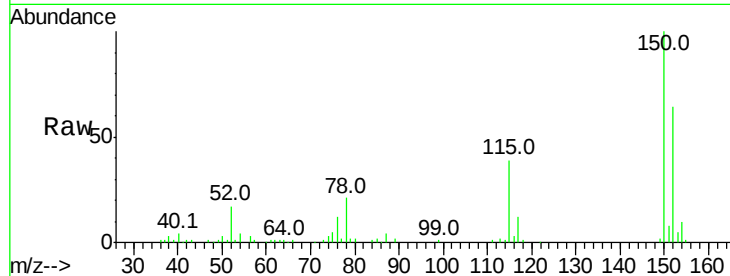


#1

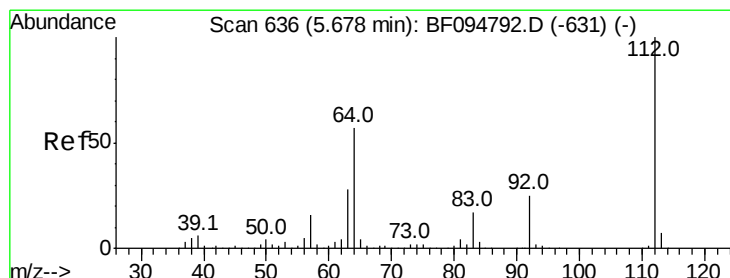
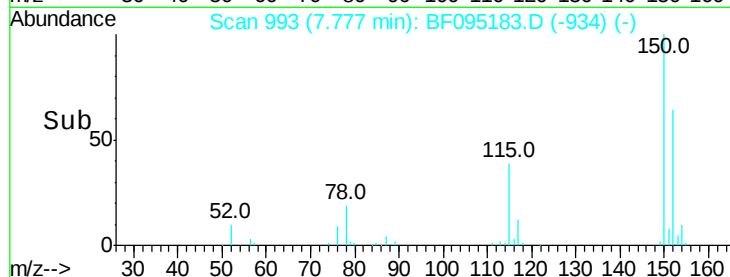
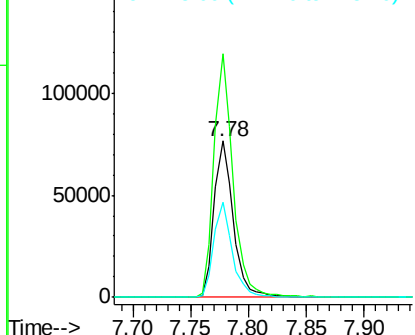
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095183.D
Acq: 17 May 2017 6:10

Instrument :
BNA_F
ClientSampleId :

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



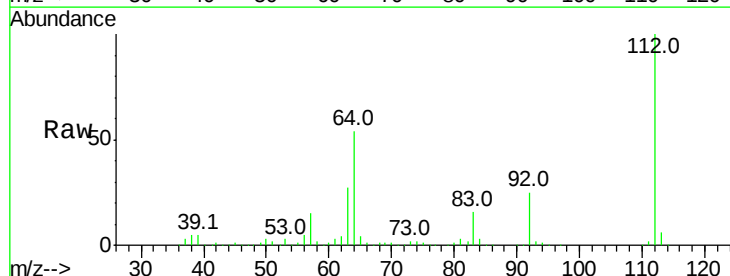
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



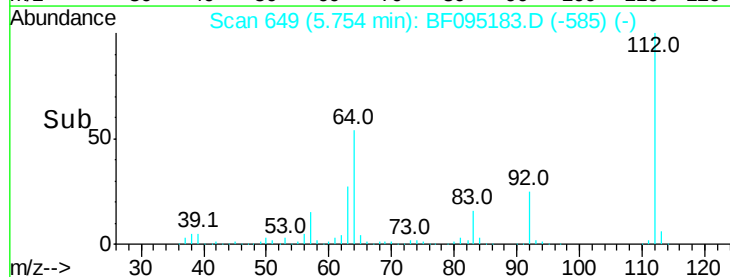
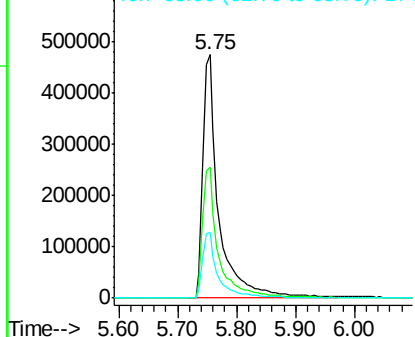
#5

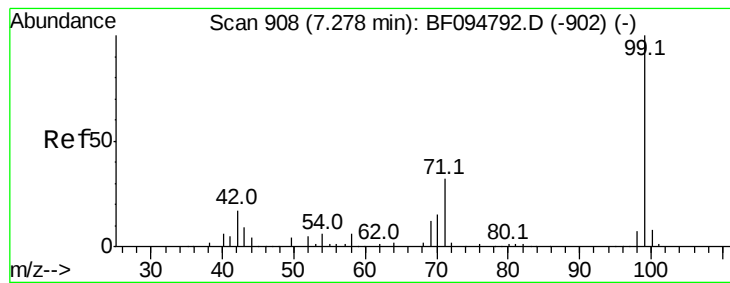
2-Fluorophenol
Concen: 167.86 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.08 min
Lab File: BF095183.D
Acq: 17 May 2017 6:10

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 :

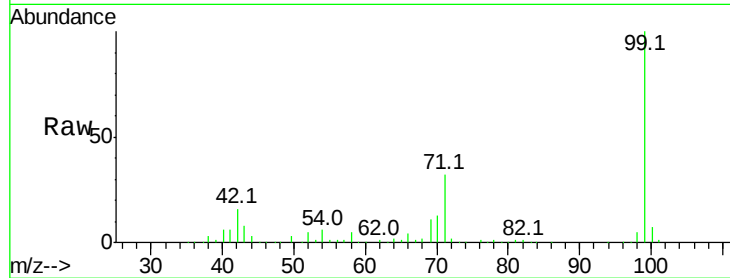
Tot Ion: 99 Resp: 921830

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

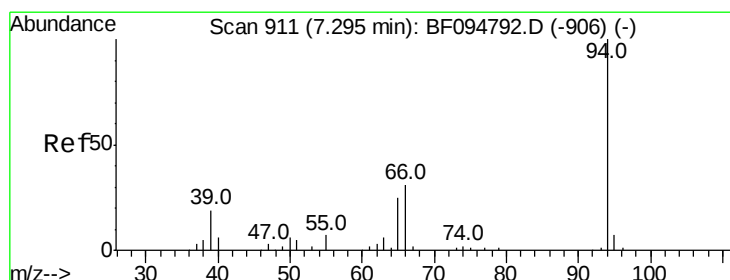
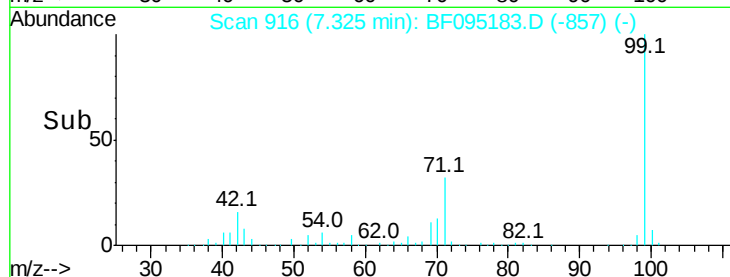
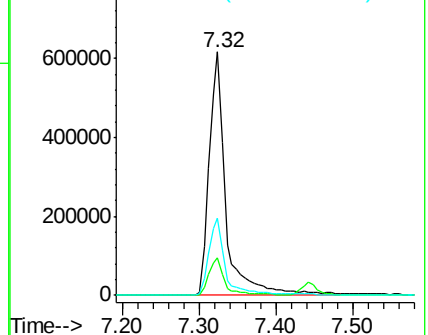
71 31.9 24.5 36.7



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



#10

Phenol

Concen: 3.31 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

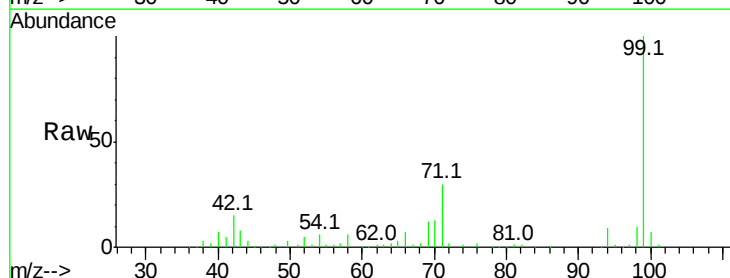
Tgt Ion: 94 Resp: 22232

Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

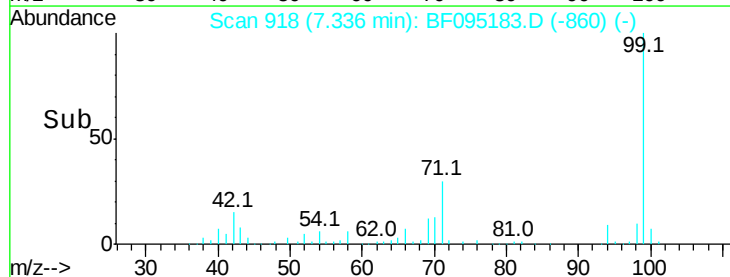
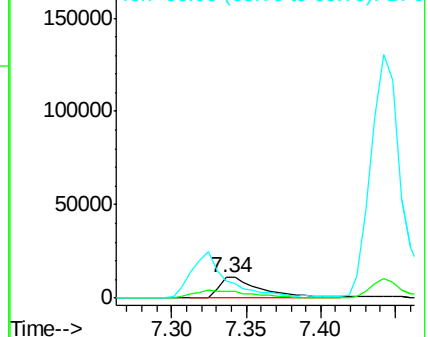
66 80.8 23.1 63.1#

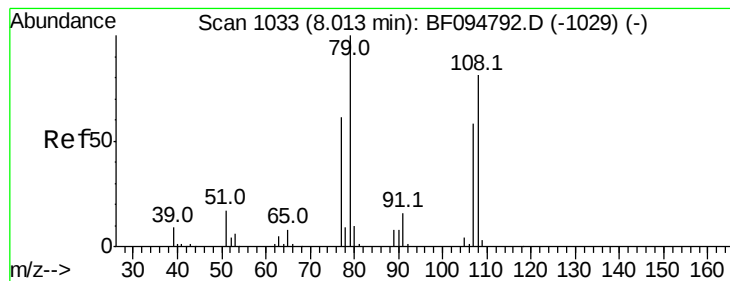


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 8.02 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Instrument :

BNA_F

ClientSampled :

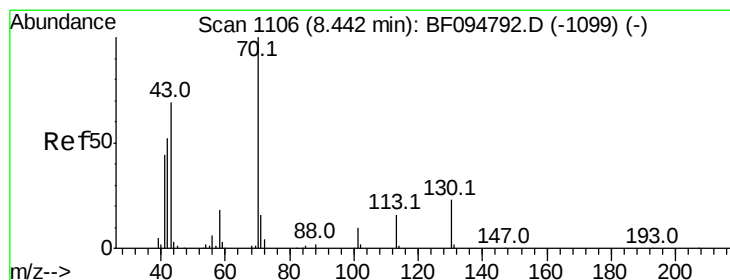
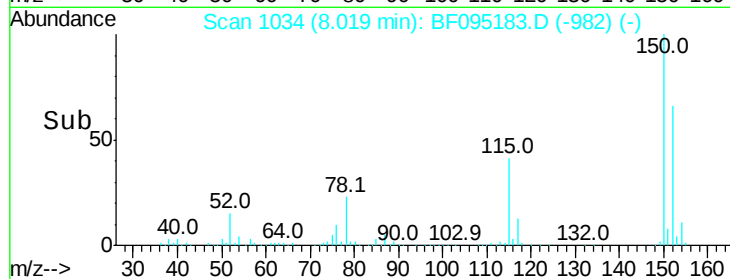
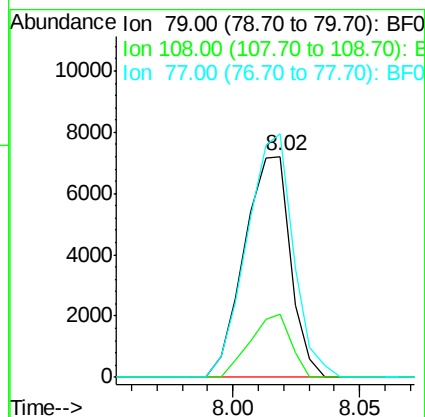
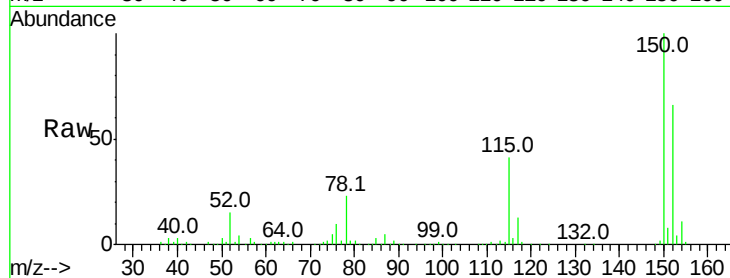
Tot Ion: 79 Resp: 9184

Ion Ratio Lower Upper

79 100

108 28.6 63.4 95.0#

77 110.3 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 15.42 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.24 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Tgt Ion: 70 Resp: 66465

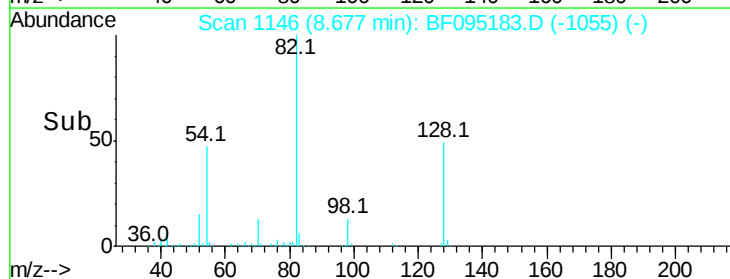
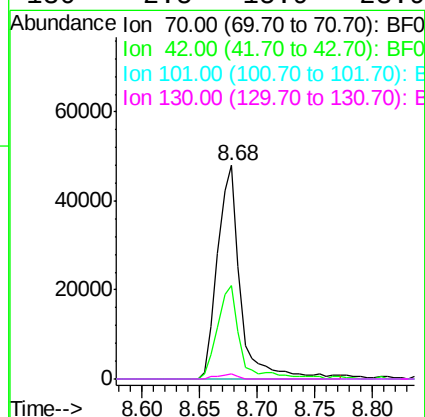
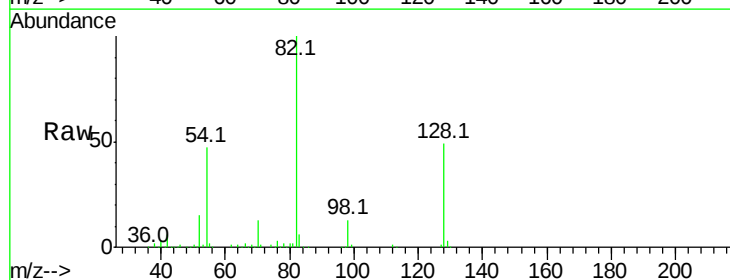
Ion Ratio Lower Upper

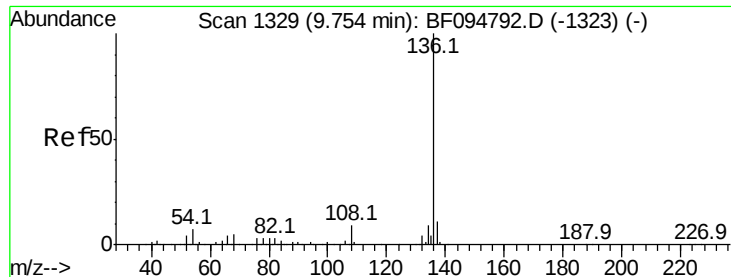
70 100

42 43.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

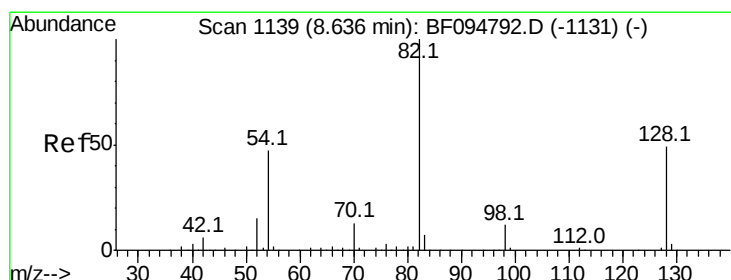
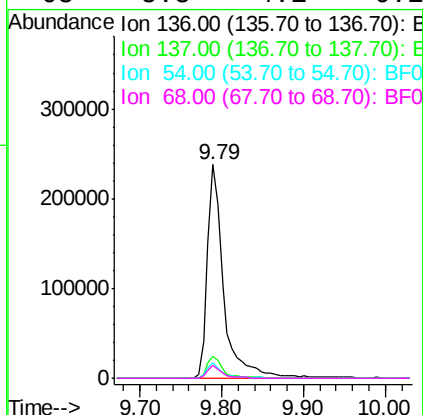
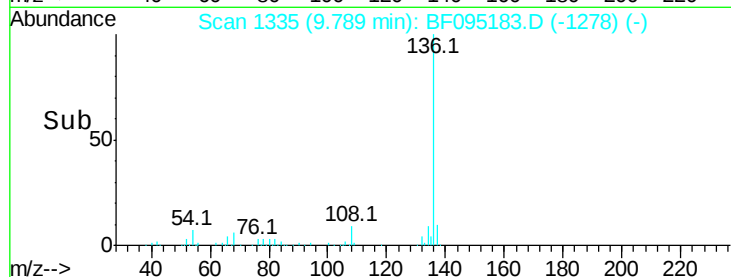
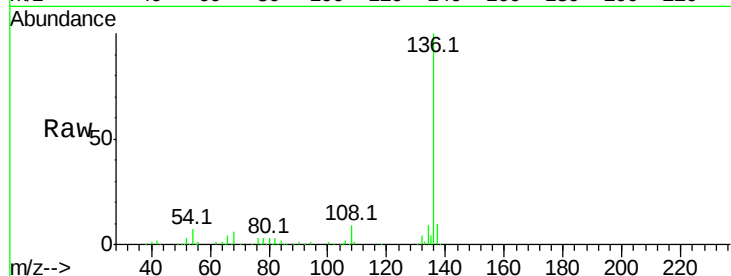




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095183.D
Acq: 17 May 2017 6:10

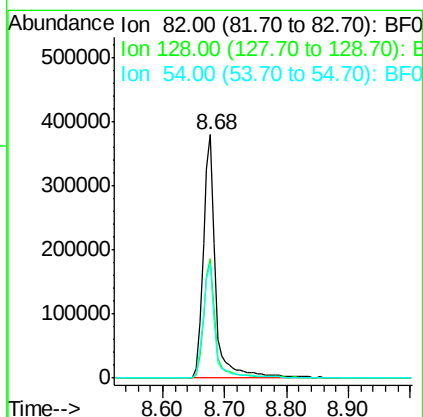
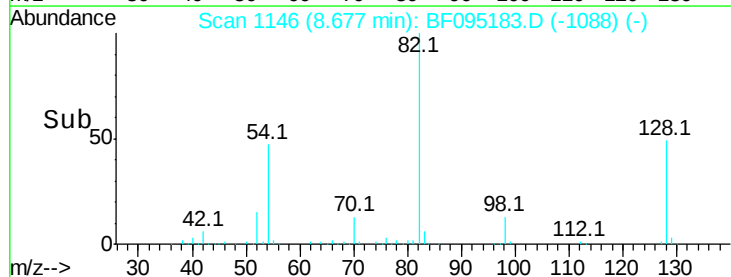
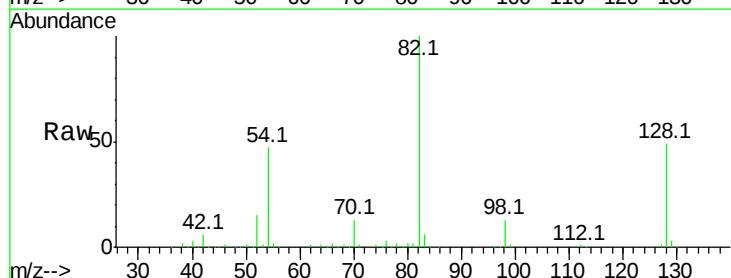
Instrument :
BNA_F
ClientSampleId :

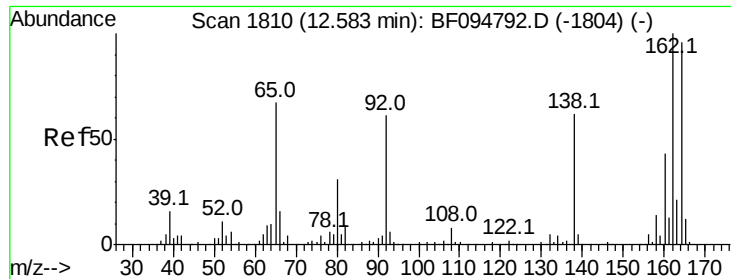
Tot Ion:136	Resp:	332253
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.5 12.7
54	7.2	4.9 7.3
68	5.8	4.1 6.1



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

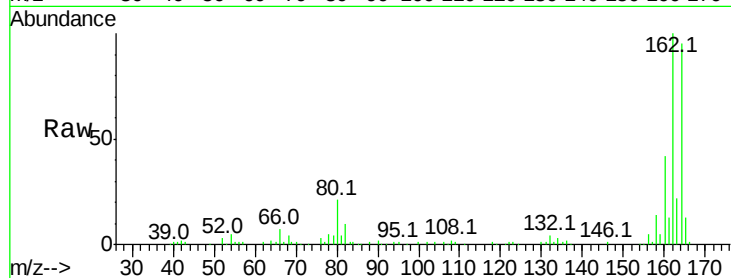
Tot Ion:164 Resp: 154822

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

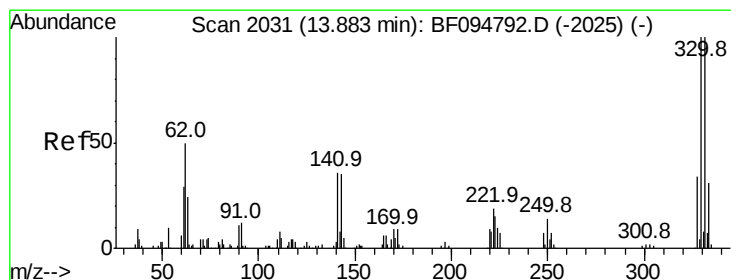
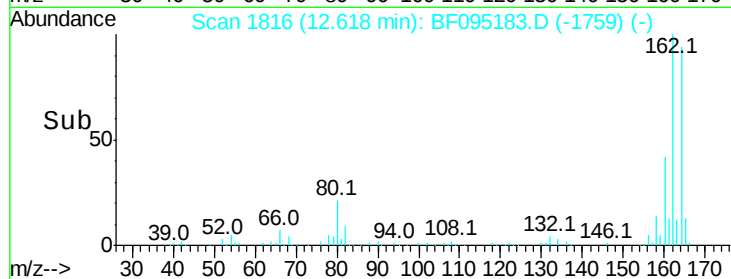
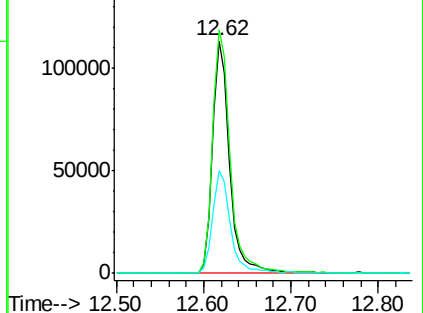
160 44.3 36.2 54.2



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: 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

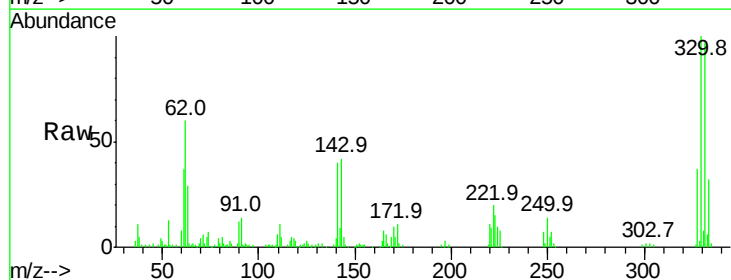
Tgt Ion:330 Resp: 157807

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

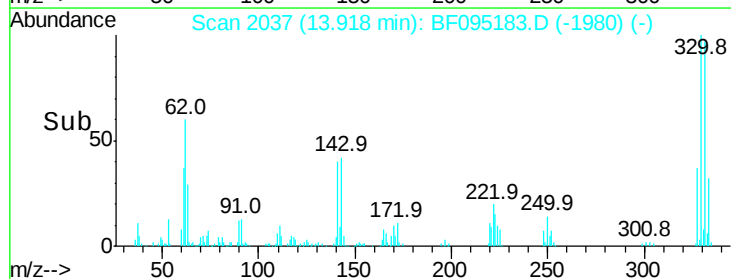
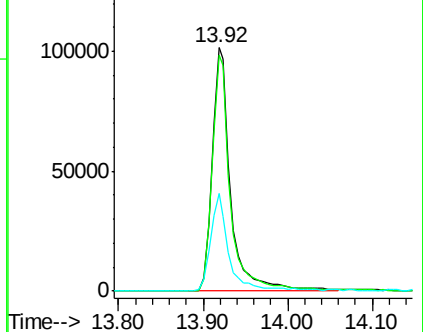
141 39.8 31.4 47.2

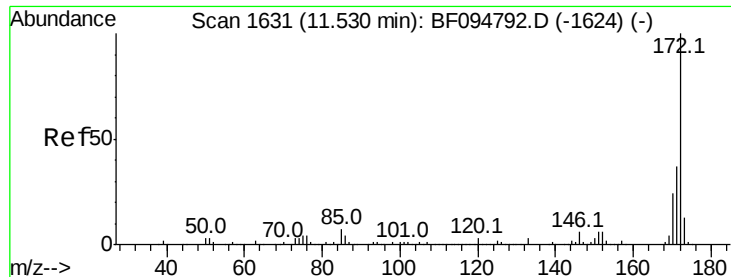


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



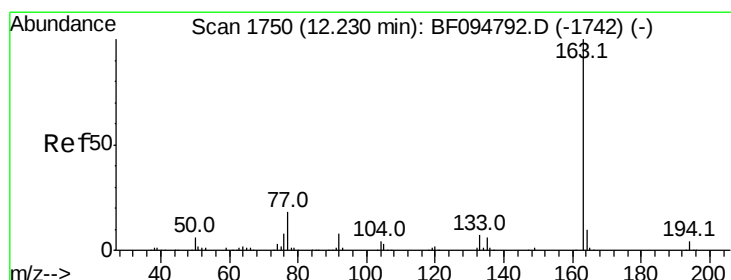
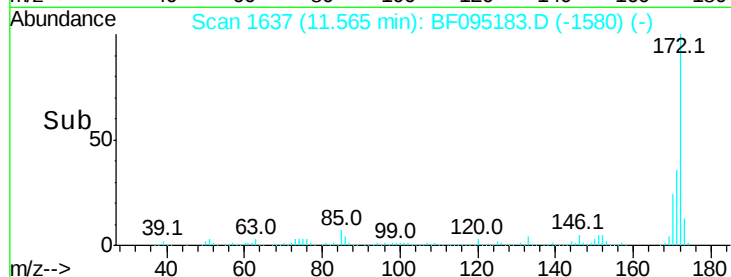
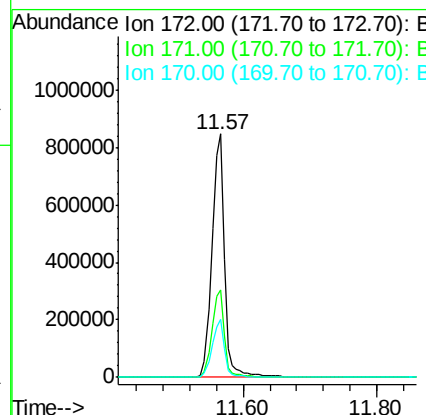
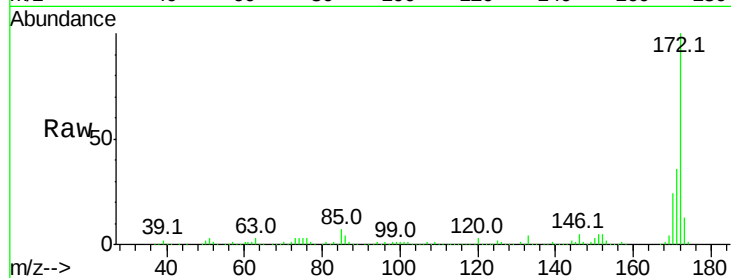


#44
 2-Fluorobiphenyl
 Concen: 103.79 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1116408

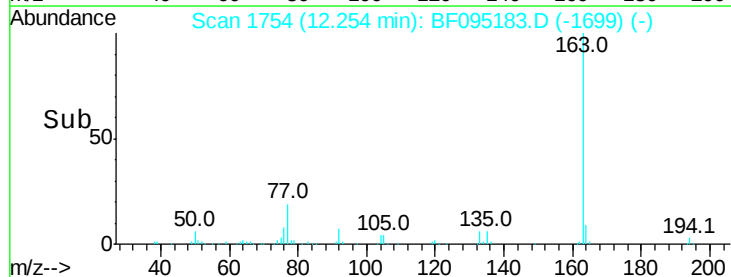
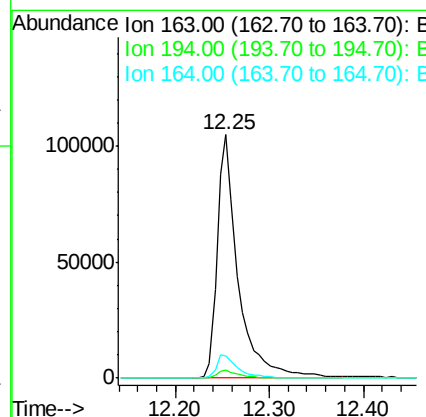
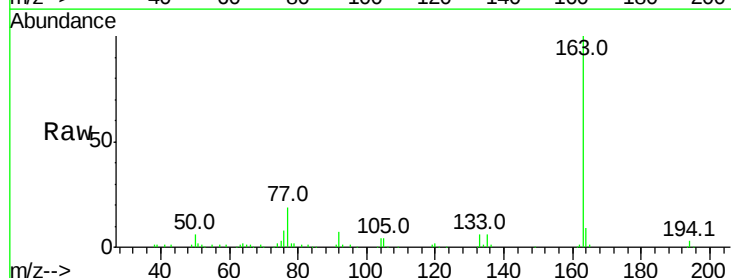
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8

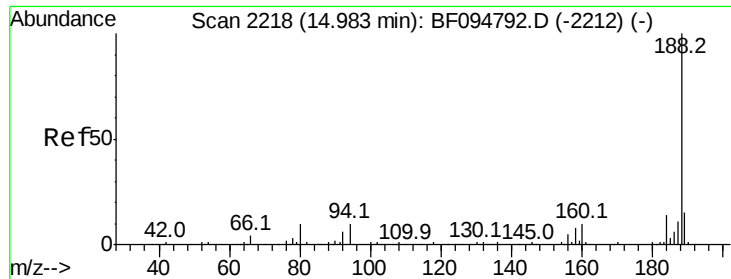


#49
 Dimethylphthalate
 Concen: 12.96 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. 0.02 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Tgt Ion:163 Resp: 164742

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.2	8.4	12.6

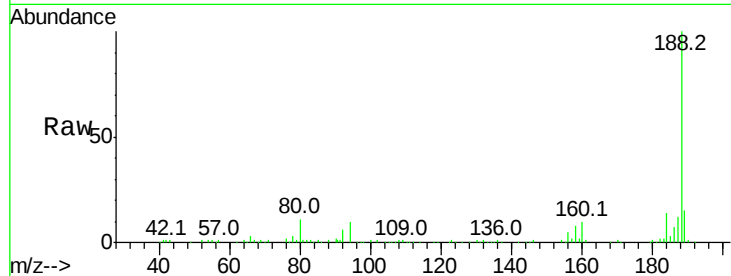




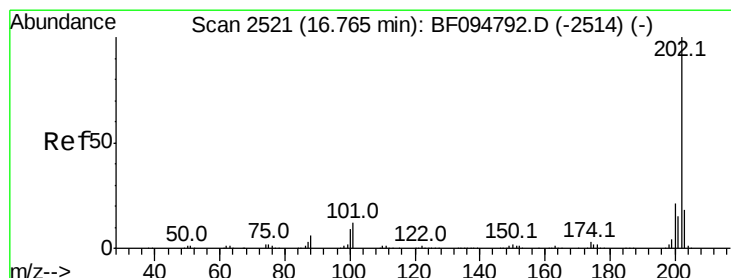
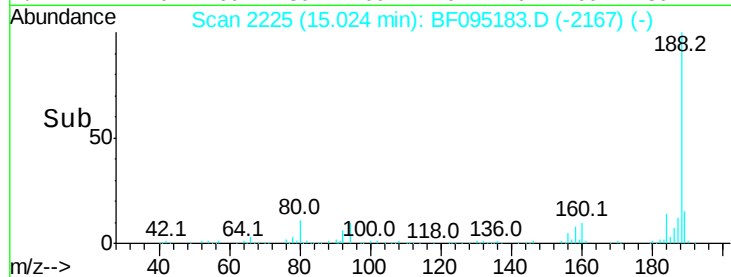
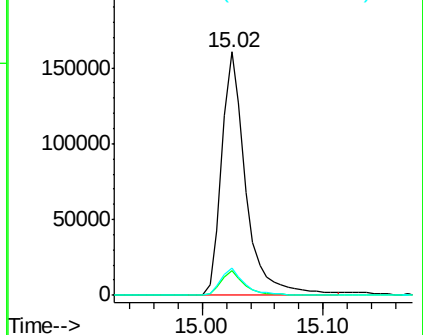
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :

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

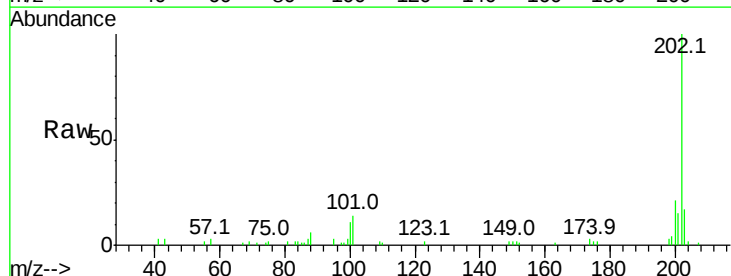


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

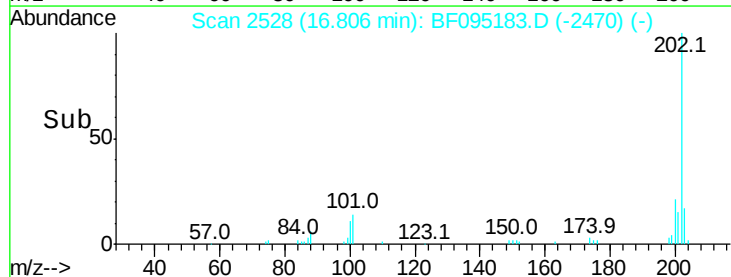
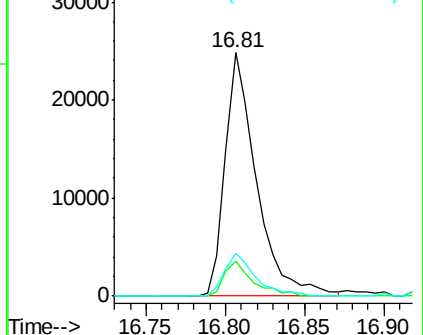


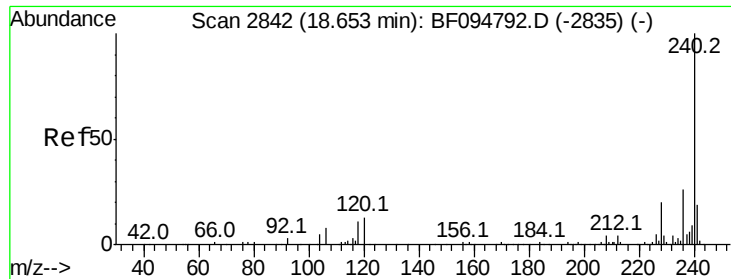
#74
 Fluoranthene
 Concen: 2.60 ng
 RT: 16.81 min Scan# 2528
 Delta R.T. 0.04 min
 Lab File: BF095183.D
 Acq: 17 May 2017 6:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.4	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: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Instrument :

BNA_F

ClientSampleId :

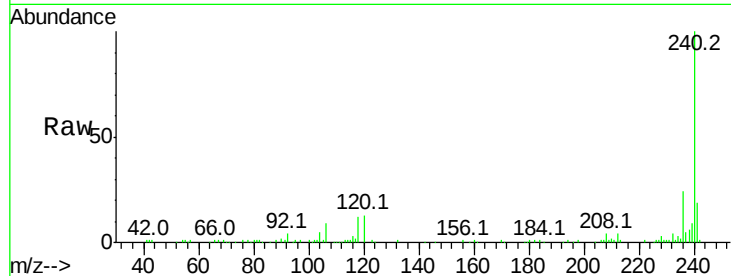
Tot Ion:240 Resp: 157951

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

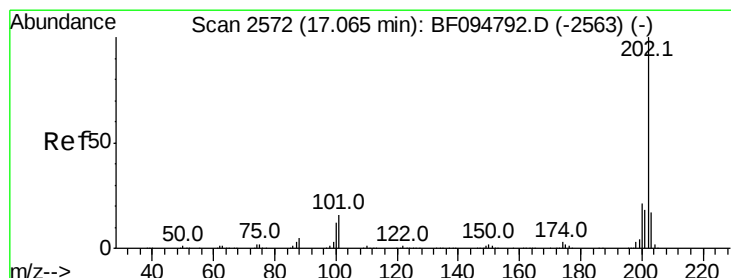
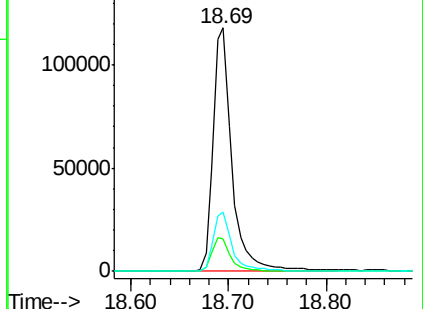
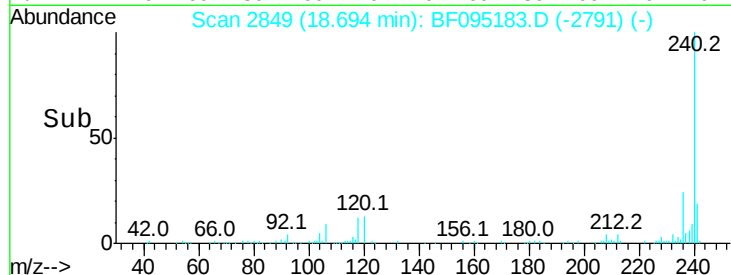
236 24.3 20.5 30.7



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: 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

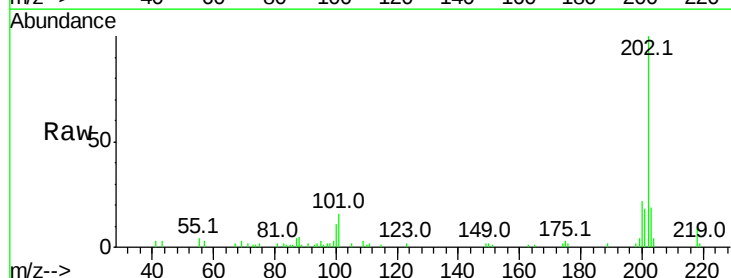
Tgt Ion:202 Resp: 35798

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

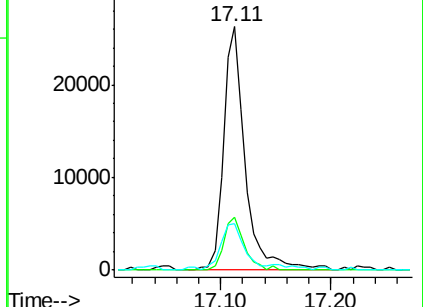
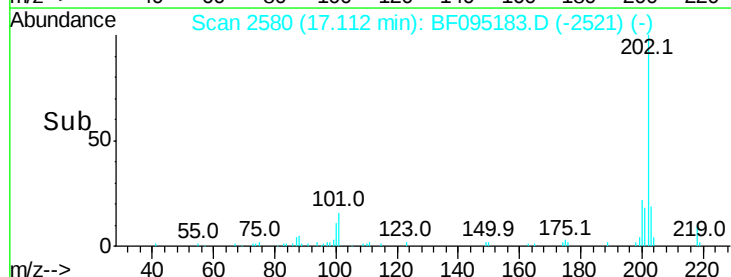
203 19.0 14.4 21.6

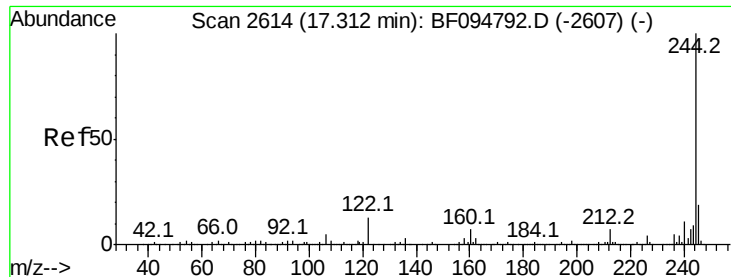


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

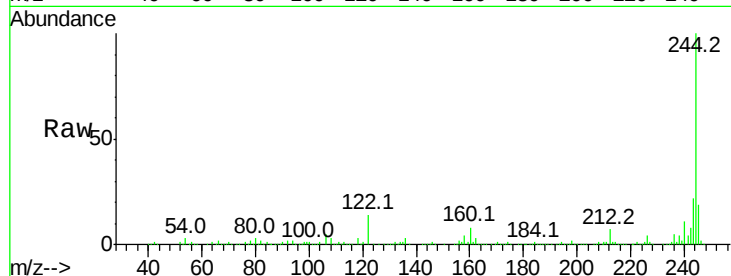
Tot Ion:244 Resp: 672091

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

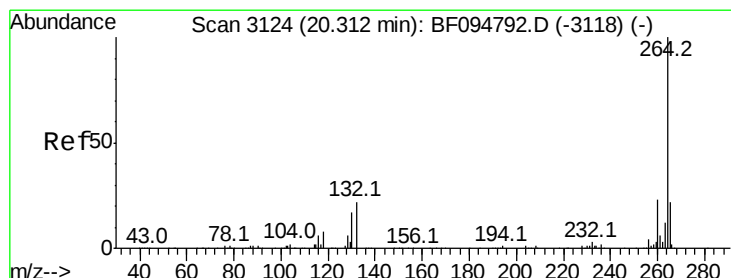
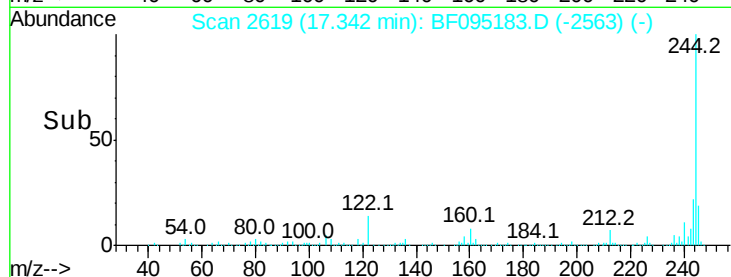
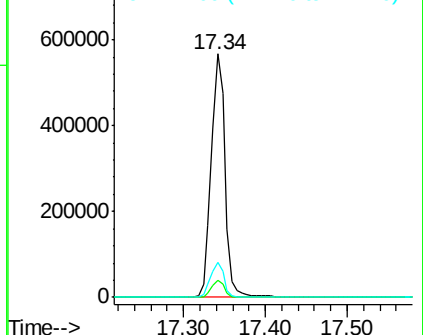
122 14.4 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.06 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

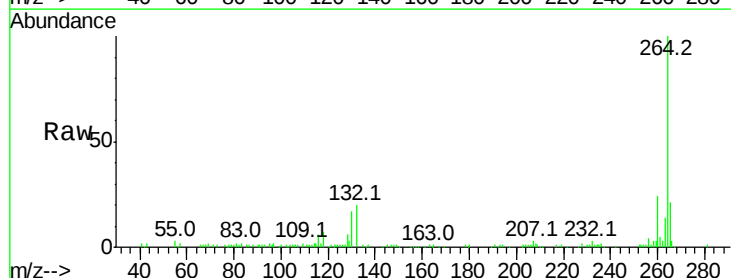
Tgt Ion:264 Resp: 119081

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

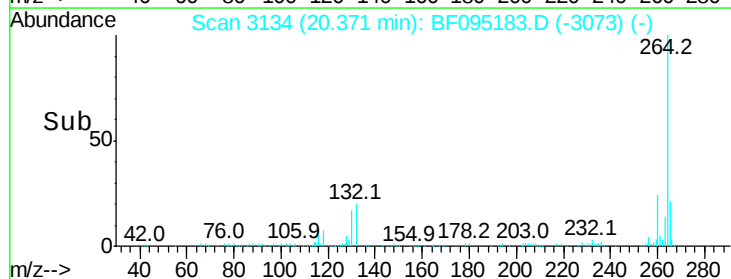
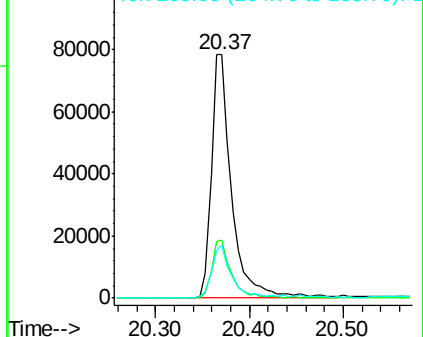
265 21.5 17.2 25.8

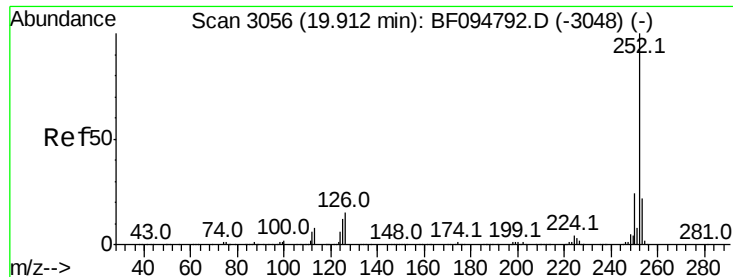


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.41 ng

RT: 19.96 min Scan# 3065

Delta R.T. 0.05 min

Lab File: BF095183.D

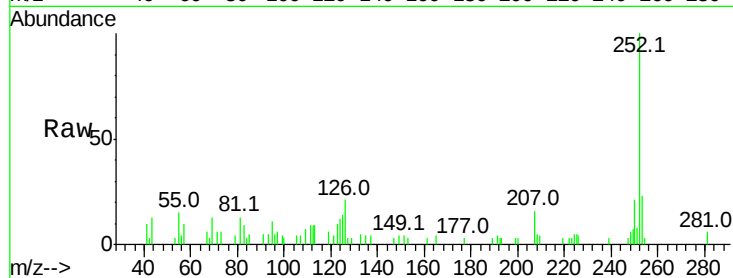
Acq: 17 May 2017 6:10

Instrument :

BNA_F

ClientSampled :

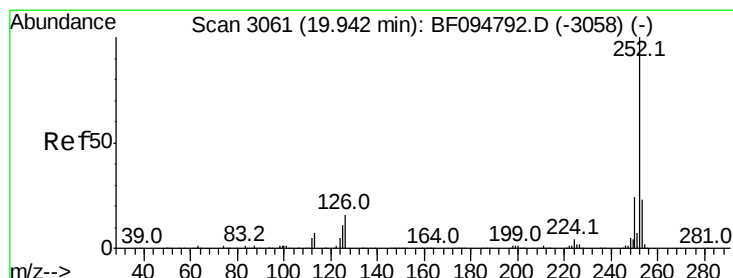
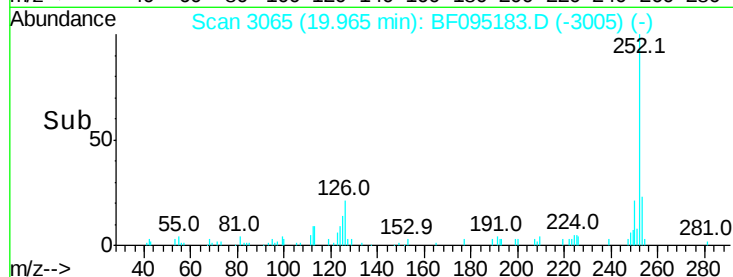
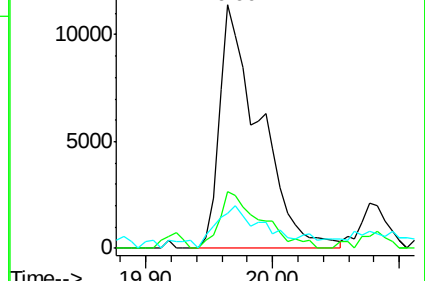
Tot Ion:252	Resp:	25117
Ion Ratio	Lower	Upper
252	100	
253	23.3	18.1 27.1
125	14.4	9.8 14.8



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: 3.54 ng

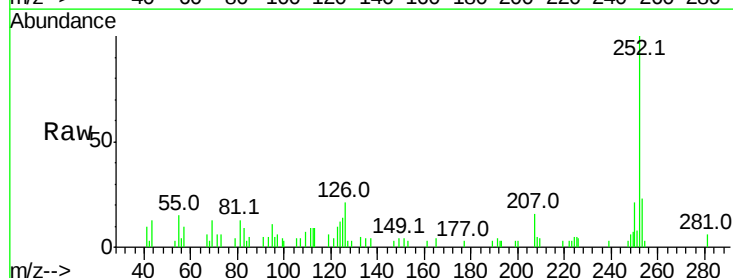
RT: 19.96 min Scan# 3065

Delta R.T. 0.02 min

Lab File: BF095183.D

Acq: 17 May 2017 6:10

Tgt Ion:252	Resp:	25117
Ion Ratio	Lower	Upper
252	100	
253	23.3	18.4 27.6
125	14.4	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

