

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094617.D
 Acq On : 25 Apr 2017 20:40
 Operator : SJ/MA
 Sample : I2783-01RX
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-9RX

Quant Time: Apr 26 04:22:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

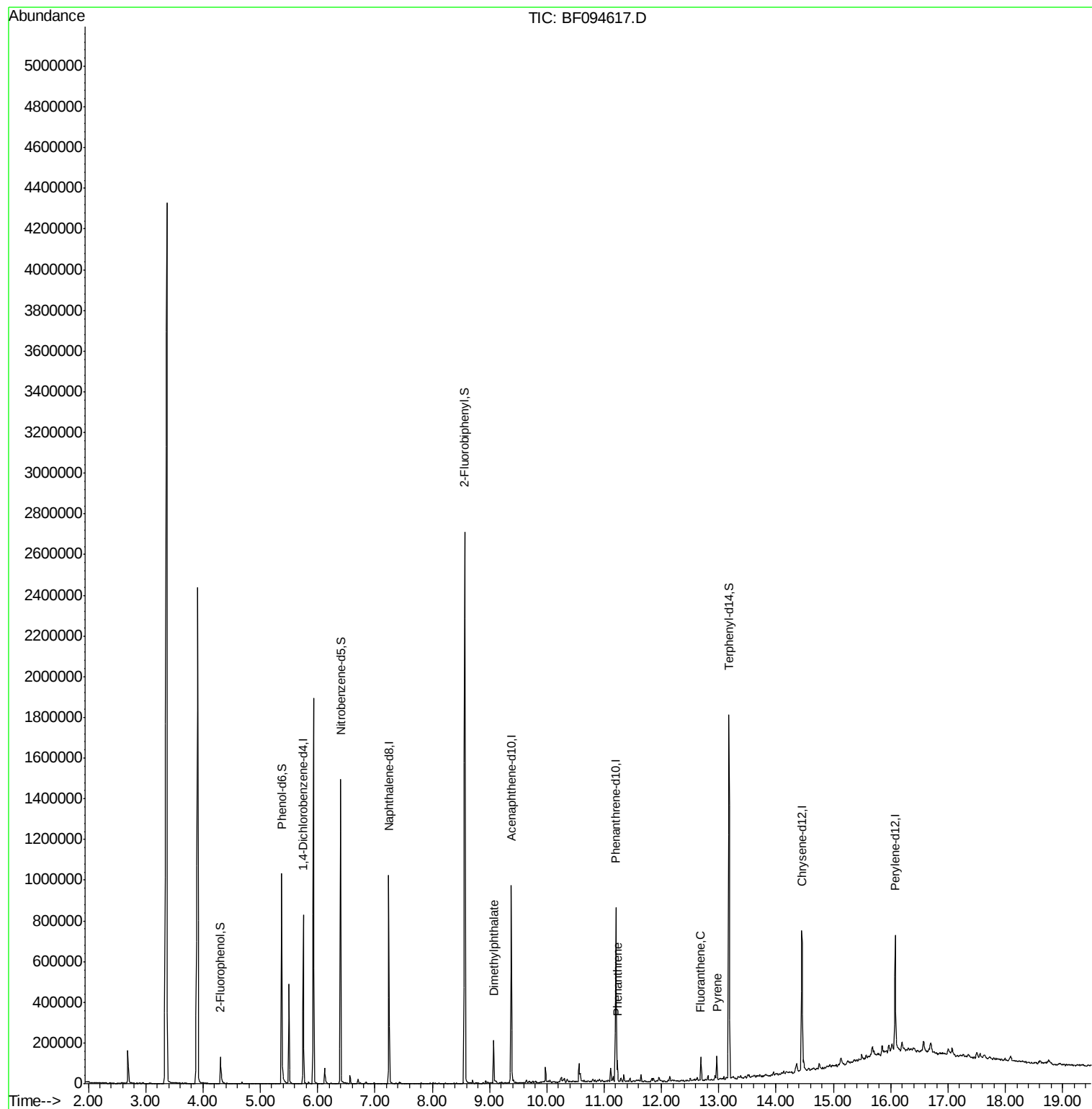
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	130961	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	512413	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	214525	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	332733	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	272072	20.00	ng	-0.02
86) Perylene-d12	16.08	264	225523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	46175	5.85	ng	0.00
7) Phenol-d6	5.37	99	381528	41.00	ng	-0.02
23) Nitrobenzene-d5	6.40	82	502942	60.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	638	0.38	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	959022	65.78	ng	-0.02
78) Terphenyl-d14	13.18	244	616064	60.52	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.07	163	98228	6.14	ng	98
70) Phenanthrene	11.23	178	41435	2.21	ng	99
74) Fluoranthene	12.69	202	48692	2.51	ng	99
77) Pyrene	12.97	202	43874	2.31	ng	97

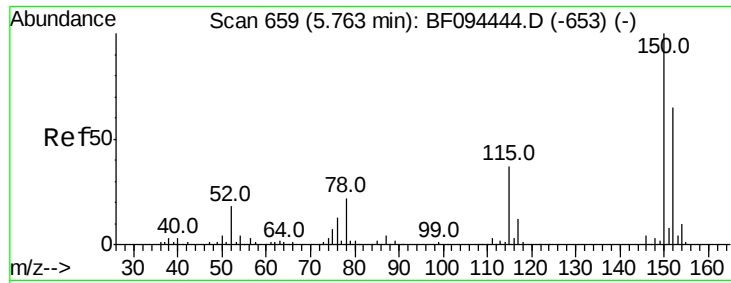
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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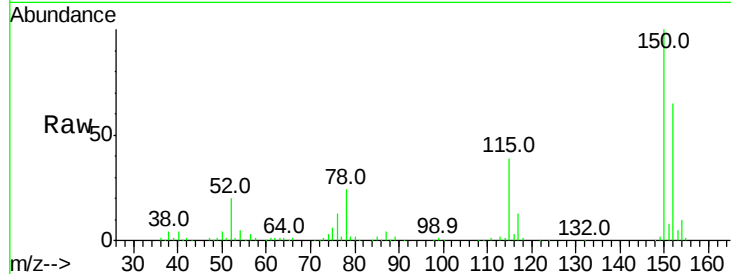


#1

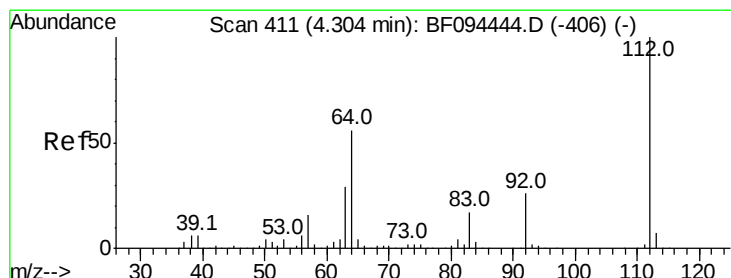
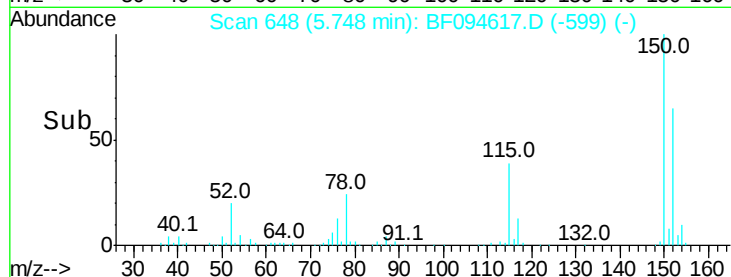
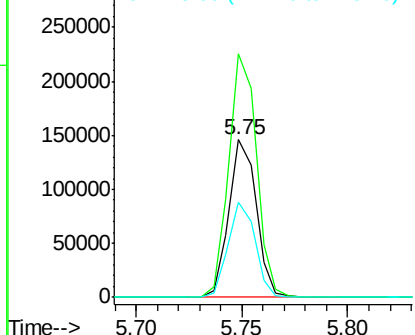
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094617.D
Acq: 25 Apr 2017 20:40

Instrument :
BNA_F
ClientSampleId :
C-9RX

Tot Ion:152 Resp: 130961
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 60.5 52.2 78.2



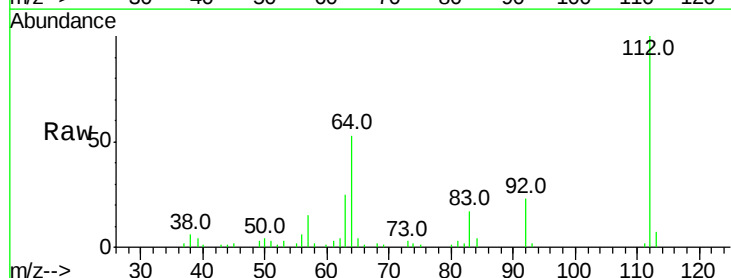
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



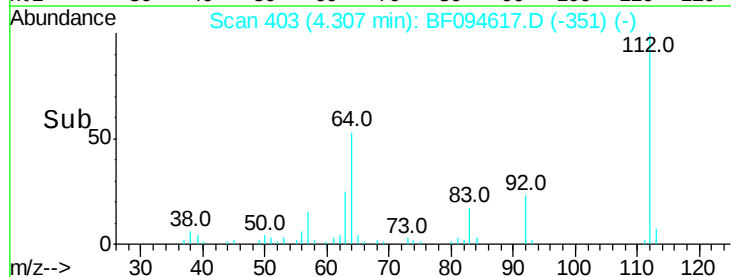
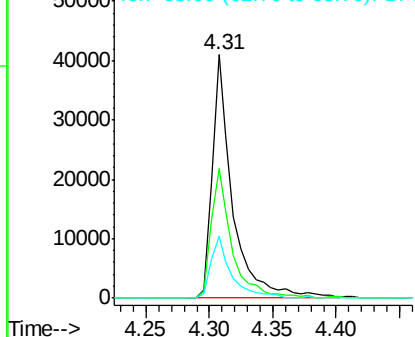
#5

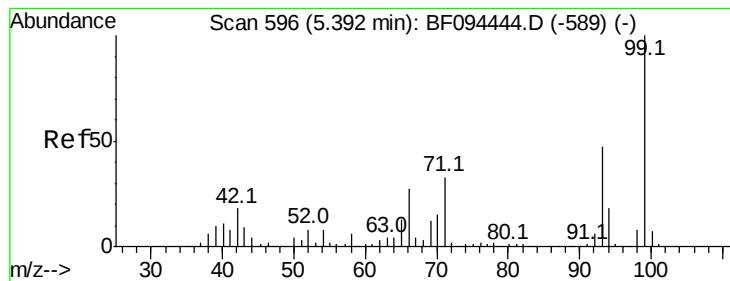
2-Fluorophenol
Concen: 5.85 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094617.D
Acq: 25 Apr 2017 20:40

Tgt Ion:112 Resp: 46175
Ion Ratio Lower Upper
112 100
64 53.4 46.0 69.0
63 25.3 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: 41.00 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094617.D

Acq: 25 Apr 2017 20:40

Instrument :

BNA_F

ClientSampled :

C-9RX

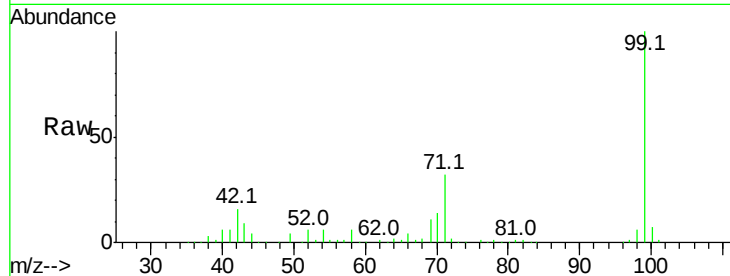
Tot Ion: 99 Resp: 381528

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

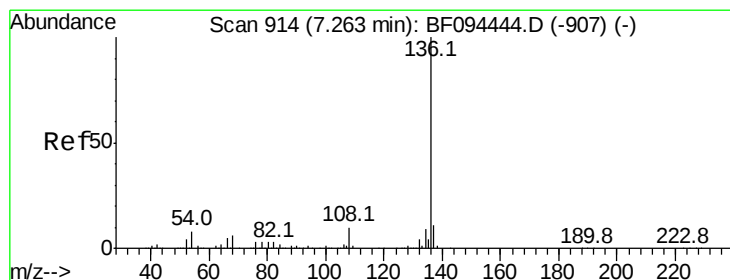
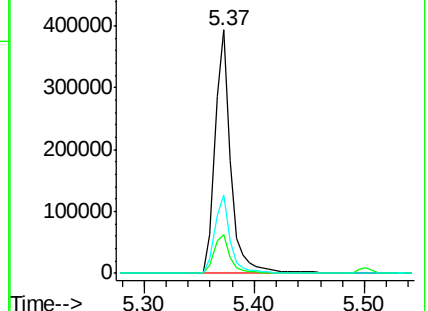
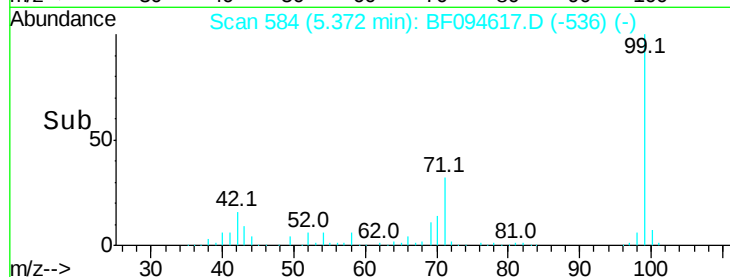
71 32.3 24.5 36.7



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: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094617.D

Acq: 25 Apr 2017 20:40

Tgt Ion: 136 Resp: 512413

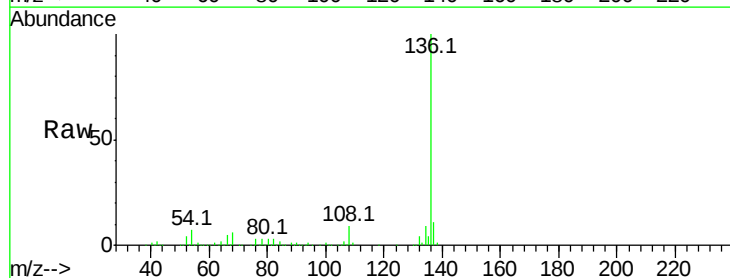
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1

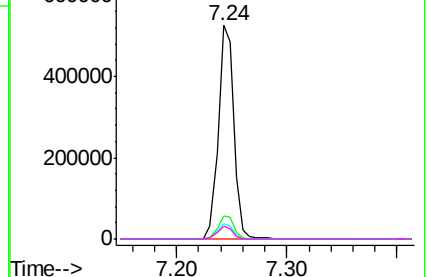
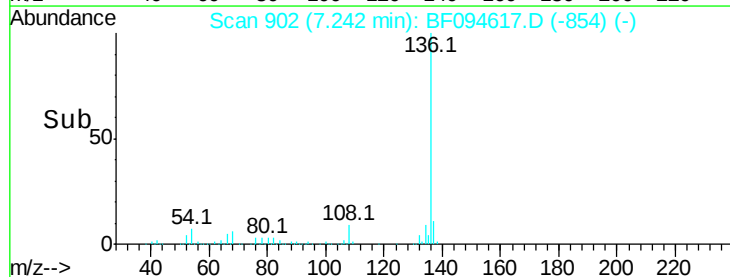


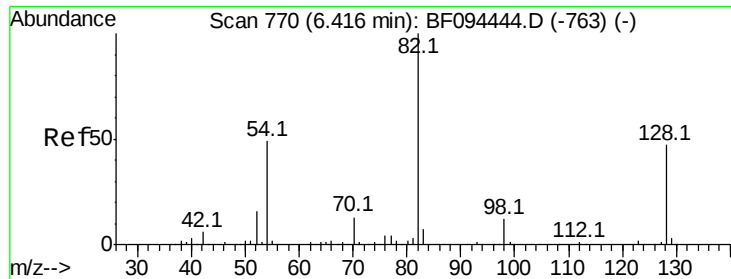
Abundance Ion 136.00 (135.70 to 136.70): E

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

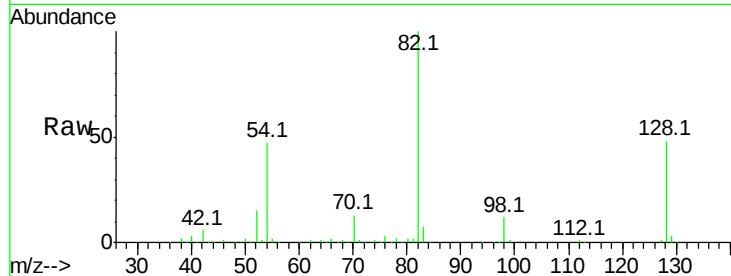




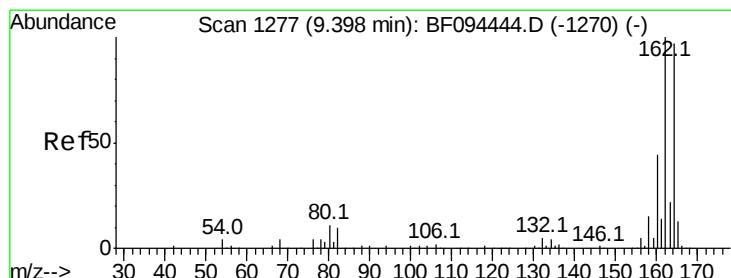
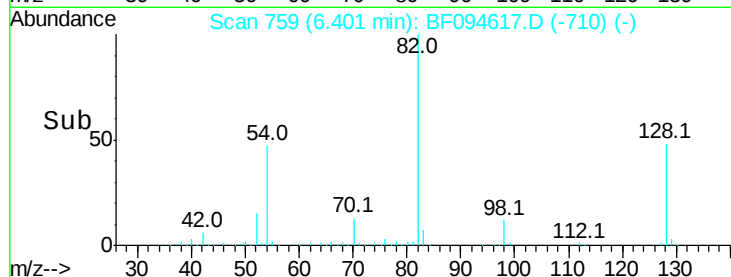
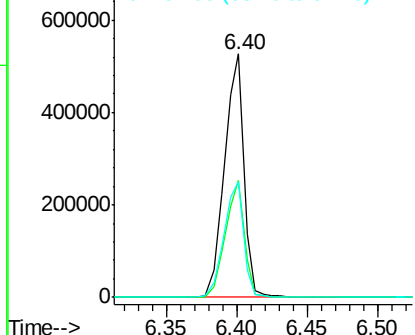
#23
 Nitrobenzene-d5
 Concen: 60.61 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094617.D
 Acq: 25 Apr 2017 20:40

Instrument :
 BNA_F
 ClientSampleId :
 C-9RX

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	47.5	42.2	63.2

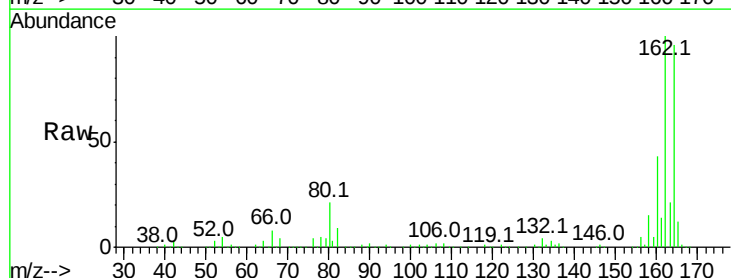


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

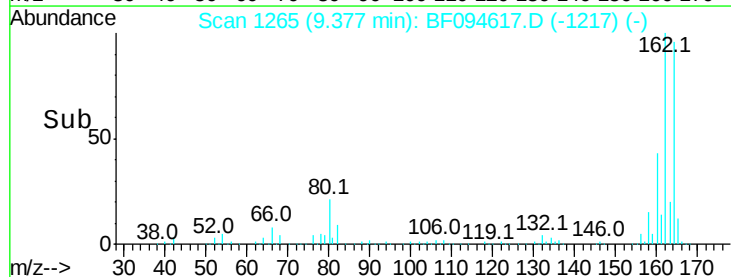
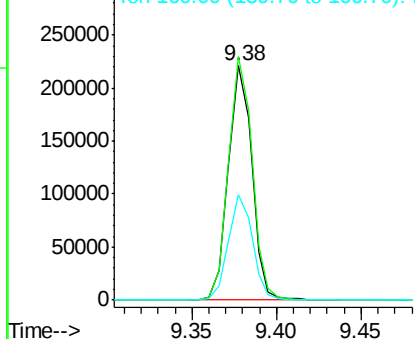


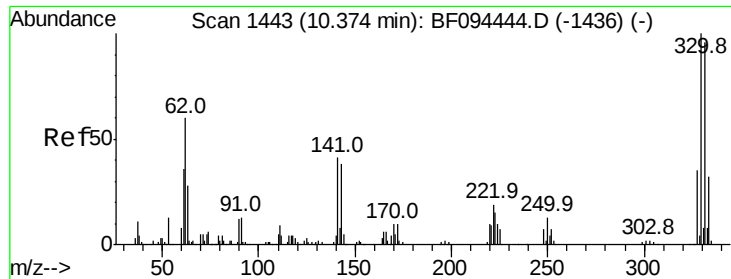
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094617.D
 Acq: 25 Apr 2017 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.9	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

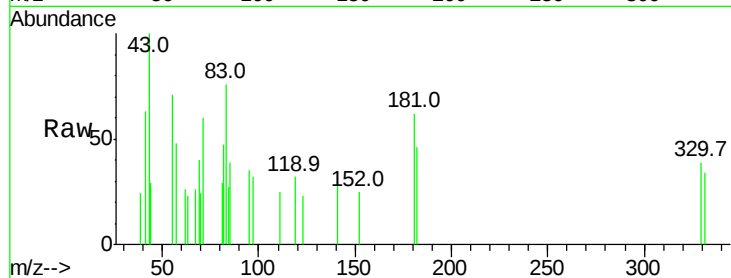




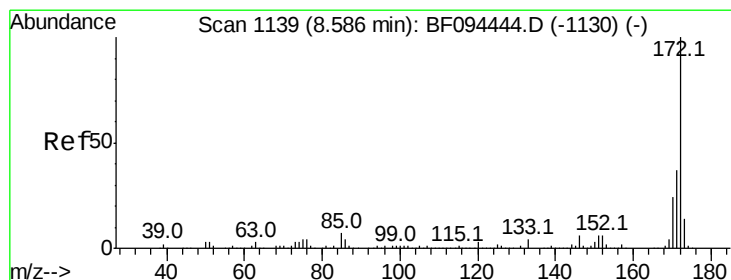
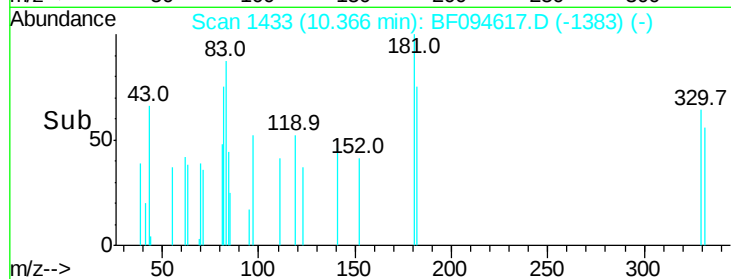
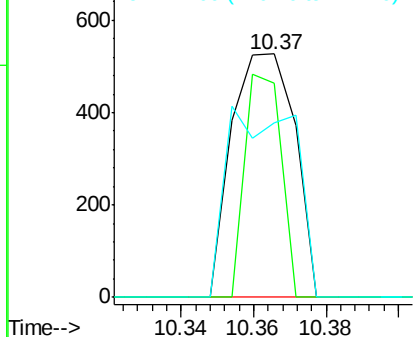
#41
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094617.D
 Acq: 25 Apr 2017 20:40

Instrument :
 BNA_F
 ClientSampleId :
 C-9RX

Tot Ion:330 Resp: 638
 Ion Ratio Lower Upper
 330 100
 332 52.4 76.6 115.0#
 141 84.8 31.4 47.2#

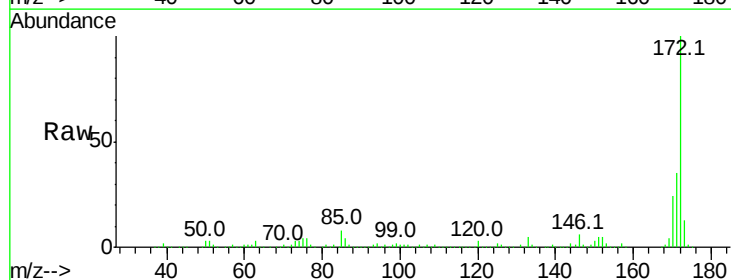


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

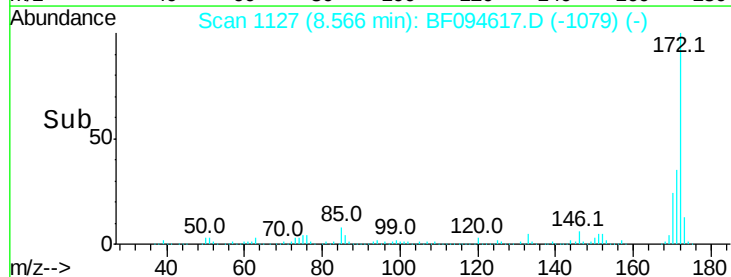
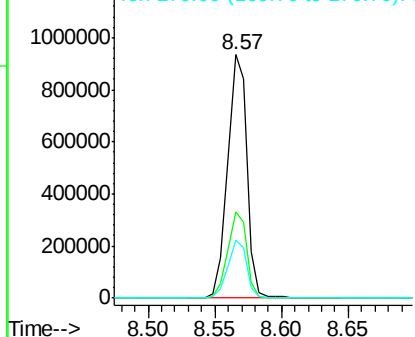


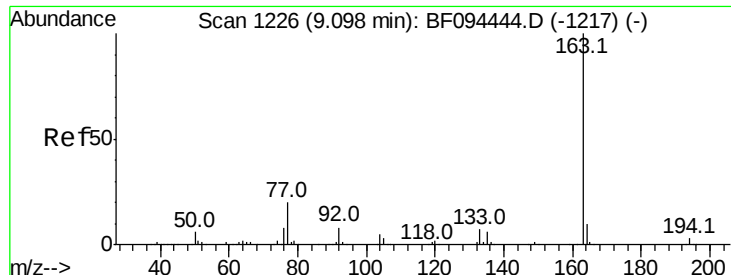
#44
 2-Fluorobiphenyl
 Concen: 65.78 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094617.D
 Acq: 25 Apr 2017 20:40

Tgt Ion:172 Resp: 959022
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.6 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

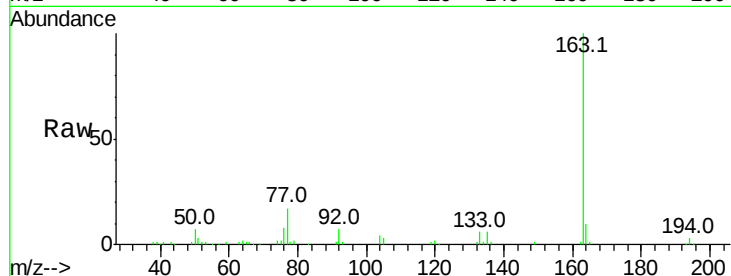




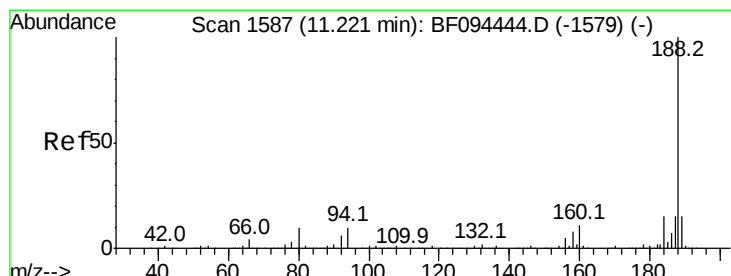
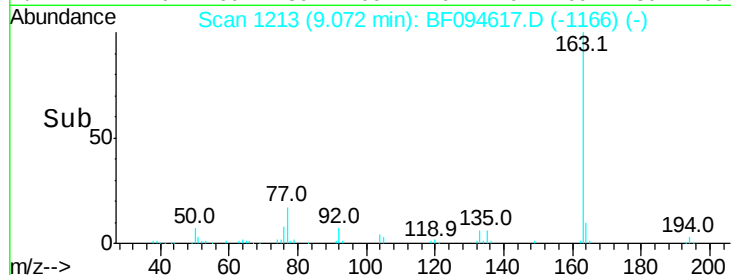
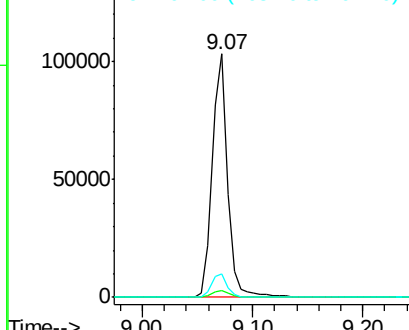
#49
Dimethylphthalate
Concen: 6.14 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094617.D
Acq: 25 Apr 2017 20:40

Instrument :
BNA_F
ClientSampleId :
C-9RX

Tot Ion:163 Resp: 98228
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.7 8.4 12.6

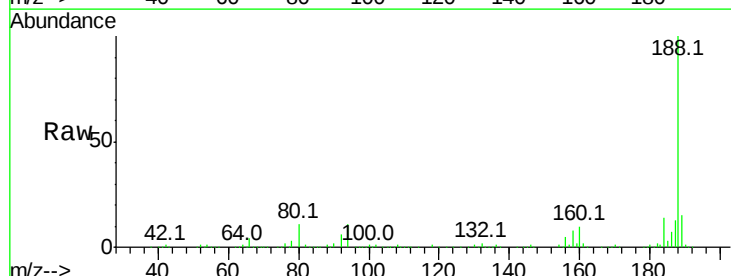


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

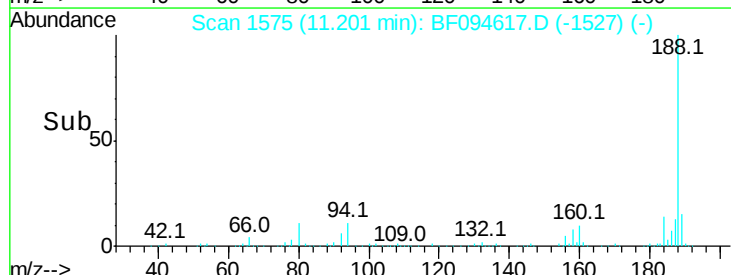
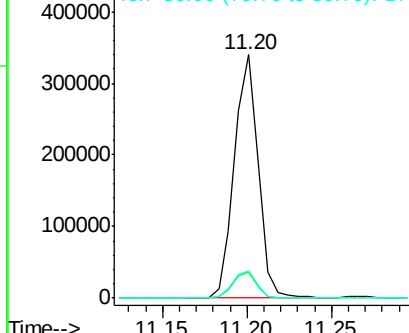


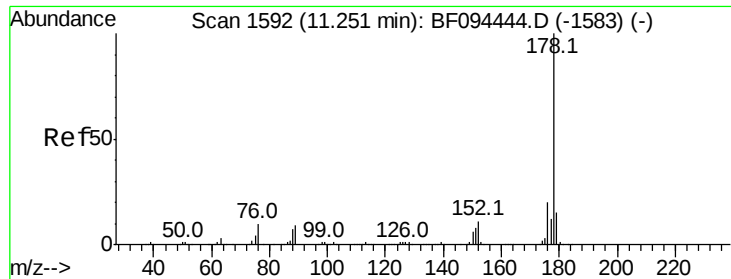
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094617.D
Acq: 25 Apr 2017 20:40

Tgt Ion:188 Resp: 332733
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.4 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: 2.21 ng

RT: 11.23 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF094617.D

Acq: 25 Apr 2017 20:40

Instrument :

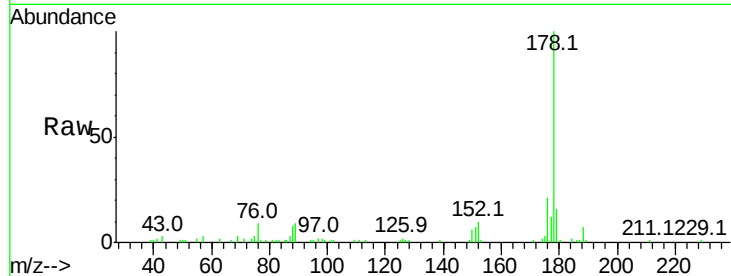
BNA_F

ClientSampleId :

C-9RX

Tot Ion:178 Resp: 41435

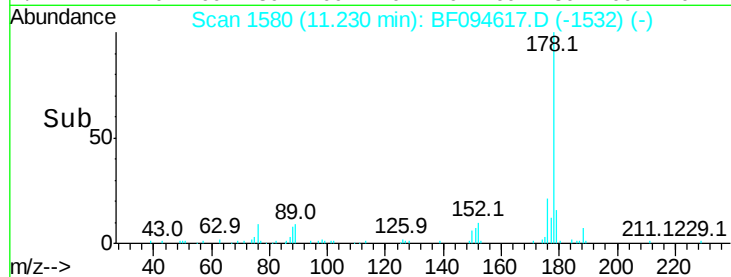
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	15.6	12.6	19.0



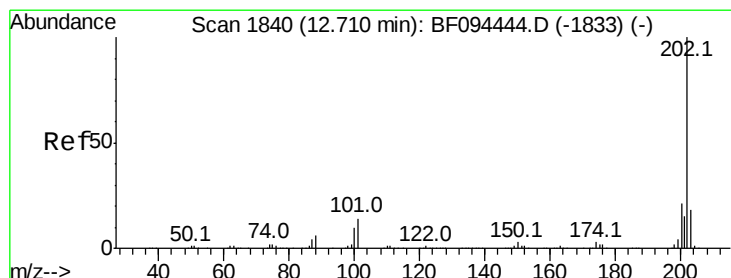
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.15 11.20 11.25



#74

Fluoranthene

Concen: 2.51 ng

RT: 12.69 min Scan# 1828

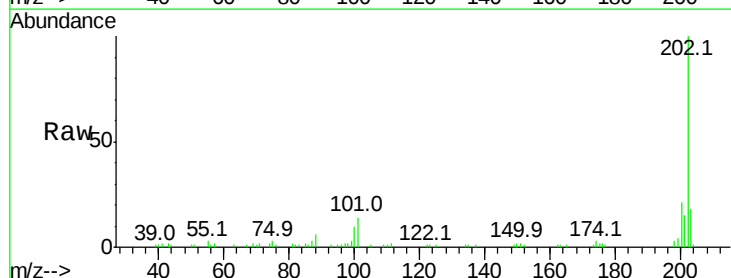
Delta R.T. -0.02 min

Lab File: BF094617.D

Acq: 25 Apr 2017 20:40

Tgt Ion:202 Resp: 48692

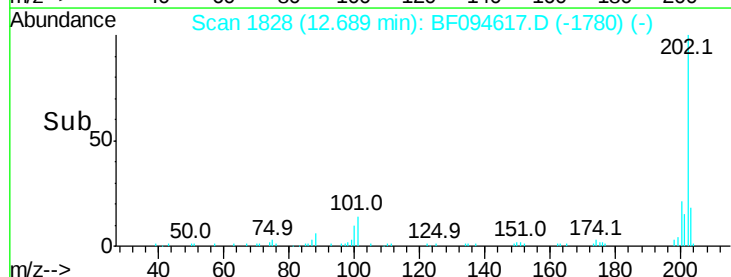
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	18.1	0.0	38.1



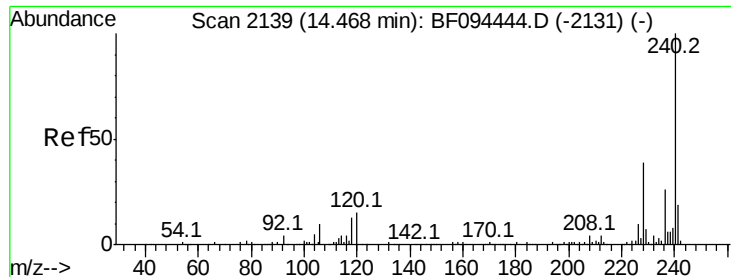
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.65 12.70 12.75



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094617.D

Acq: 25 Apr 2017 20:40

Instrument :

BNA_F

ClientSampleId :

C-9RX

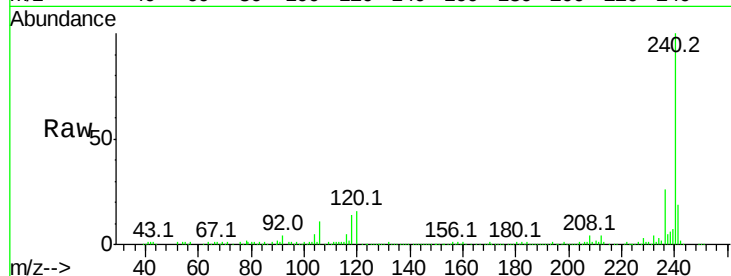
Tot Ion:240 Resp: 272072

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

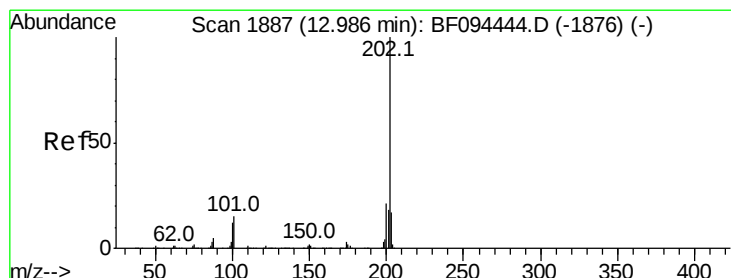
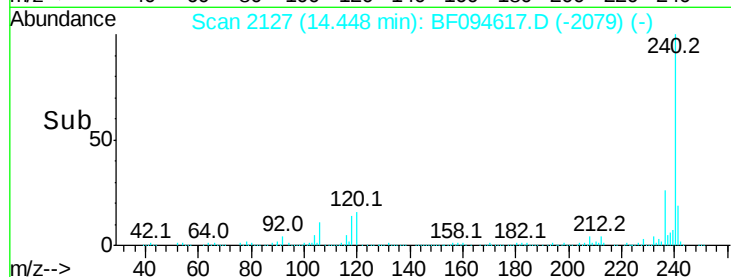
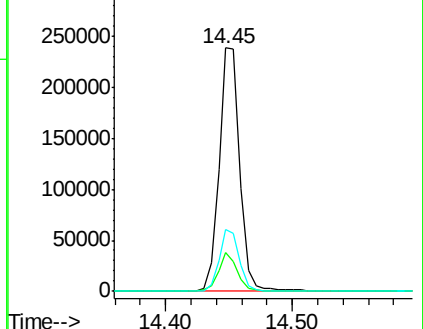
236 25.5 20.5 30.7



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: 2.31 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094617.D

Acq: 25 Apr 2017 20:40

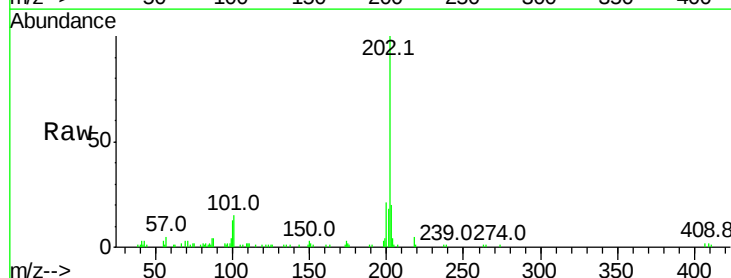
Tgt Ion:202 Resp: 43874

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

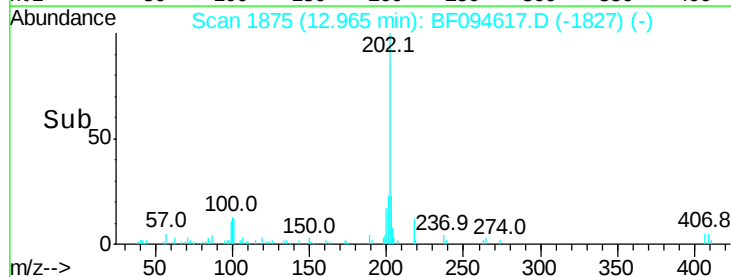
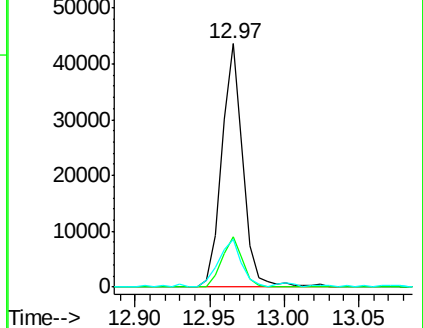
203 19.5 14.4 21.6

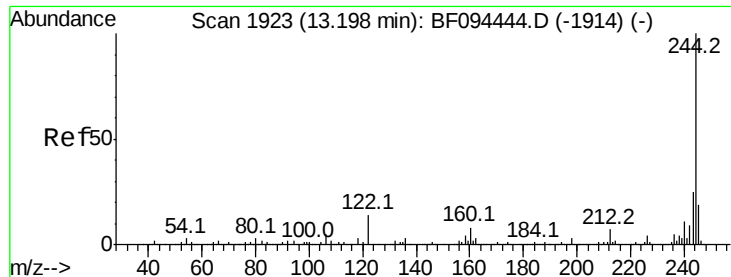


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

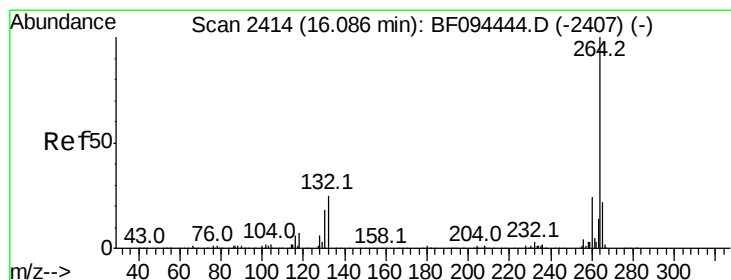
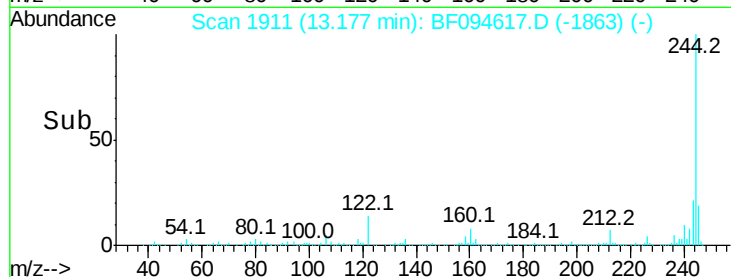
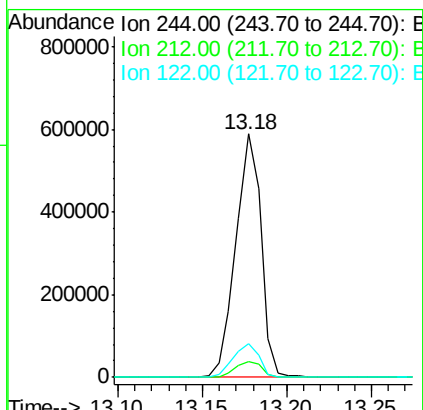
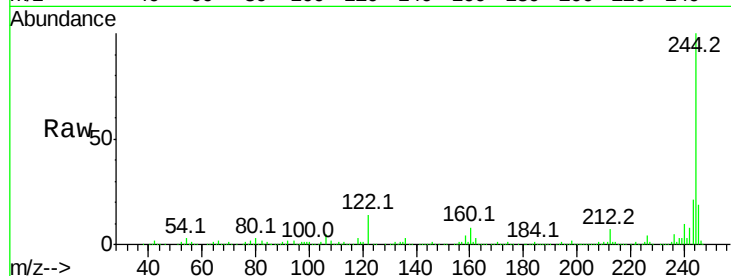




#78
 Terphenyl-d14
 Concen: 60.52 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094617.D
 Acq: 25 Apr 2017 20:40

Instrument :
 BNA_F
 ClientSampleId :
 C-9RX

Tot Ion:244 Resp: 616064
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094617.D
 Acq: 25 Apr 2017 20:40

Tgt Ion:264 Resp: 225523
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.9 17.2 25.8

