

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
 Data File : BE094785.D
 Acq On : 8 Nov 2017 16:33
 Operator : SJ/JU
 Sample : PB103996BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103996BL

Quant Time: Nov 09 00:20:40 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

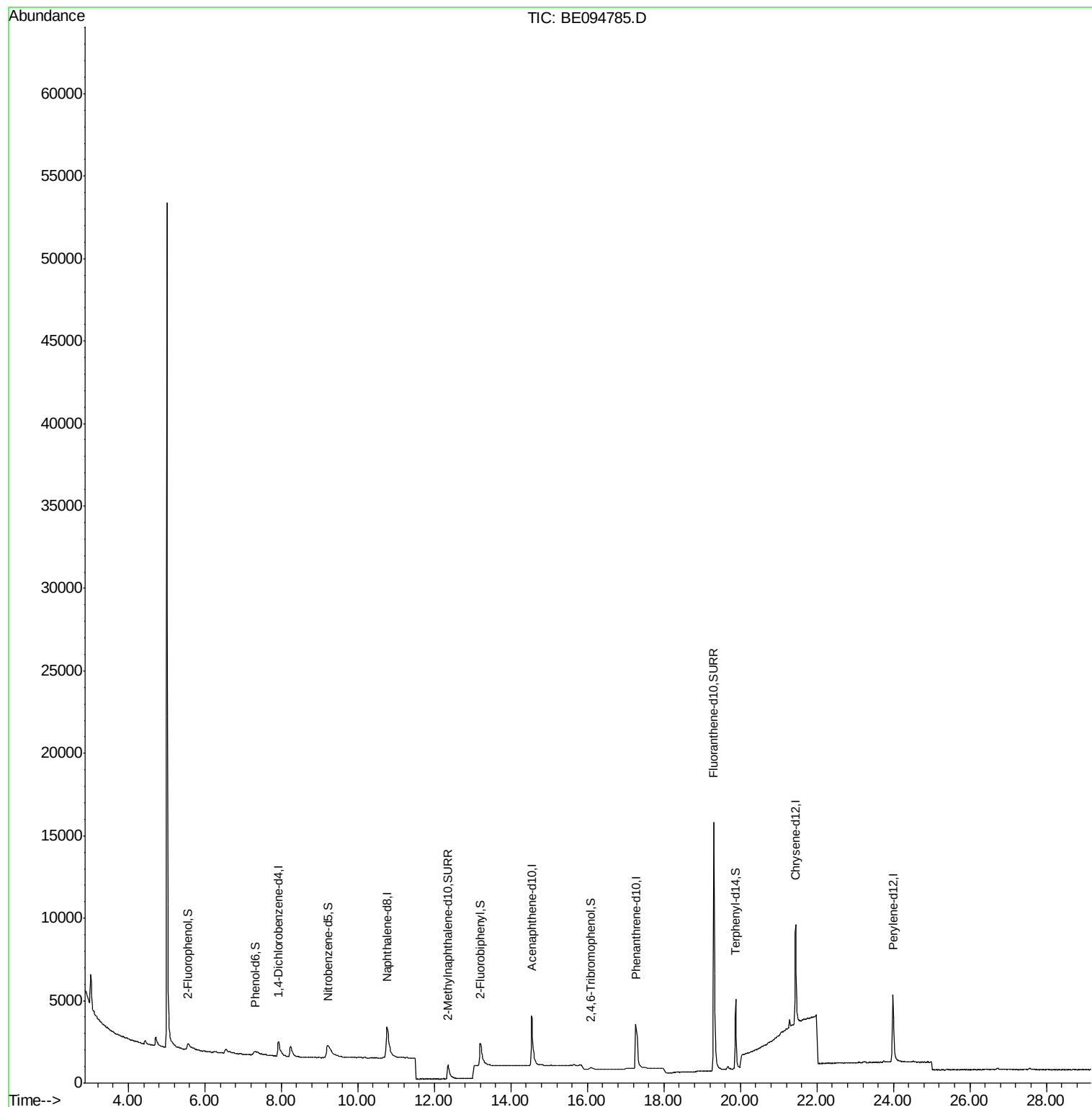
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	1028	0.40	ng	0.02
7) Naphthalene-d8	10.76	136	6403	0.40	ng	0.05
13) Acenaphthene-d10	14.54	164	3987	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	8795	0.40	ng	0.03
27) Chrysene-d12	21.45	240	9184	0.40	ng	0.02
34) Perylene-d12	23.99	264	8328	0.40	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.56	112	748	0.21	ng	0.04
5) Phenol-d6	7.33	99	1089	0.20	ng	0.19
8) Nitrobenzene-d5	9.21	82	829	0.16	ng	0.13
11) 2-Methylnaphthalene-d10	12.36	152	3122	0.30	ng	0.07
14) 2,4,6-Tribromophenol	16.10	330	194	0.18	ng	0.07
15) 2-Fluorobiphenyl	13.21	172	3701	0.26	ng	0.06
25) Fluoranthene-d10	19.30	212	31172	0.26	ng	0.02
29) Terphenyl-d14	19.87	244	5153	0.30	ng	0.00
Target Compounds						
23) Phenanthrene	17.33	178	70	Below Cal	#	68
26) Fluoranthene	19.33	202	97	Below Cal	#	80

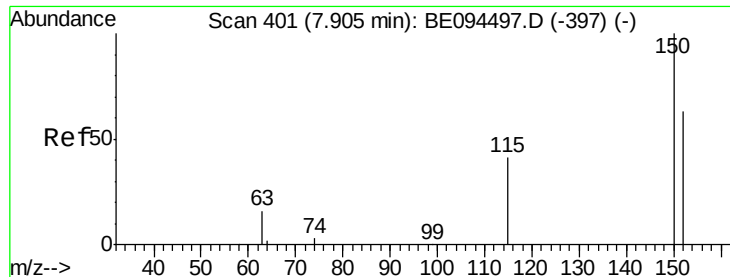
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094785.D
Acq On : 8 Nov 2017 16:33
Operator : SJ/JU
Sample : PB103996BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB103996BL

Quant Time: Nov 09 00:20:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.93 min Scan# 403

Delta R.T. 0.02 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

Instrument :

BNA_E

ClientSampleId :

PB103996BL

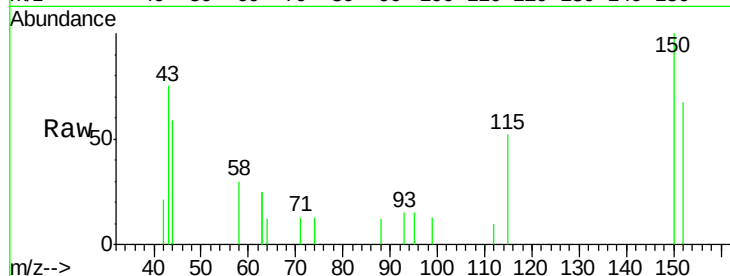
Tot Ion:152 Resp: 1028

Ion Ratio Lower Upper

152 100

150 148.8 117.2 175.8

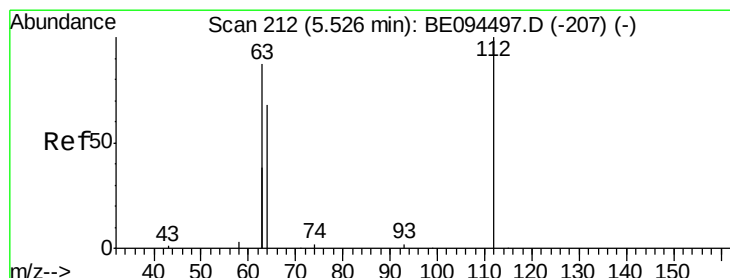
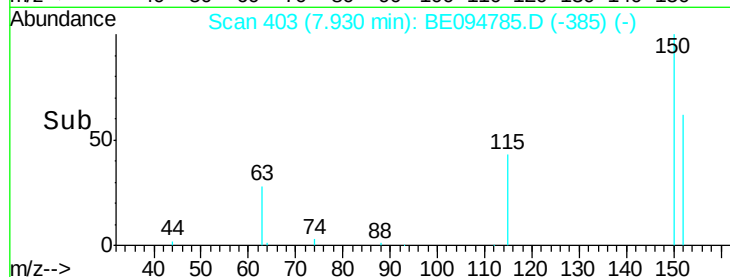
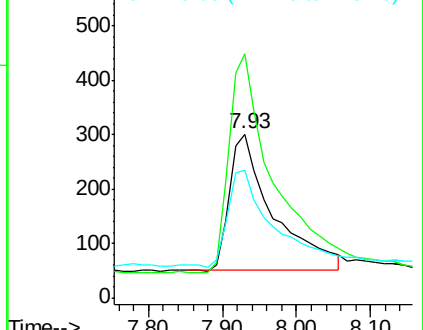
115 77.7 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.56 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

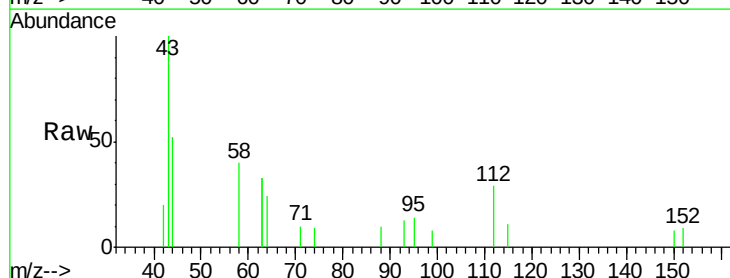
Tgt Ion:112 Resp: 748

Ion Ratio Lower Upper

112 100

64 76.1 60.1 90.1

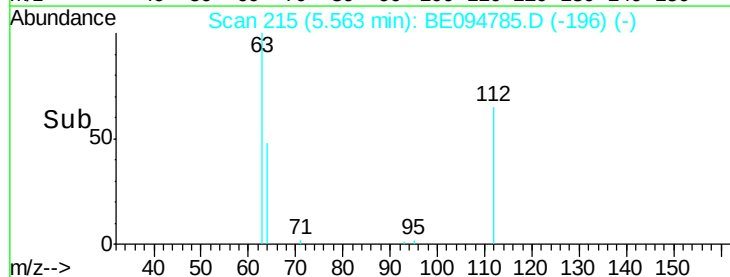
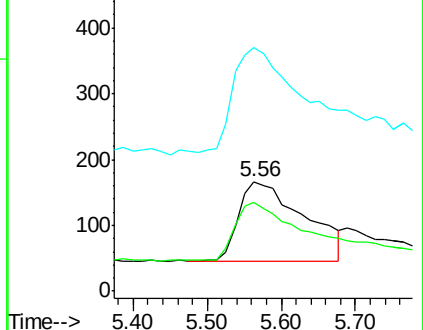
63 144.7 116.8 175.2

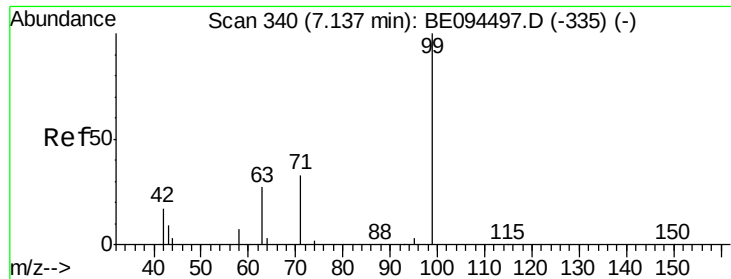


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.20 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.19 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

Instrument :

BNA_E

ClientSampled :

PB103996BL

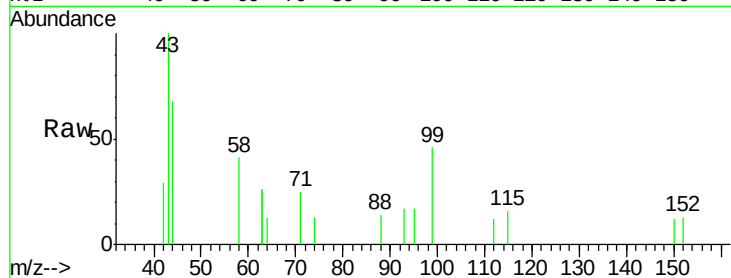
Tot Ion: 99 Resp: 1089

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

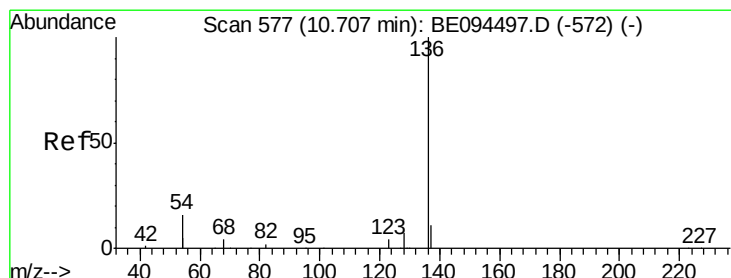
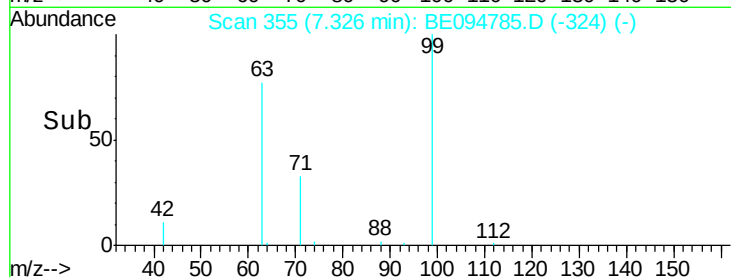
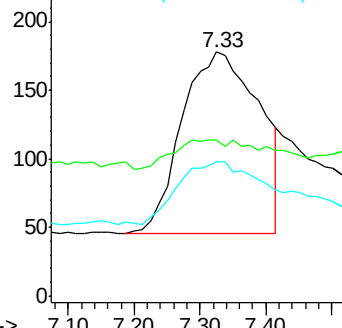
71 34.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.05 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

Tgt Ion: 136 Resp: 6403

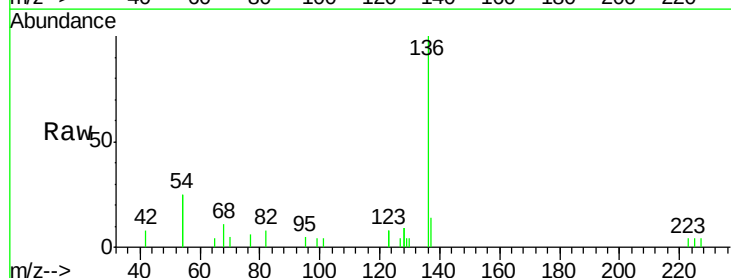
Ion Ratio Lower Upper

136 100

137 14.2 9.5 14.3

54 50.8 29.1 43.7#

68 10.6 6.2 9.2#

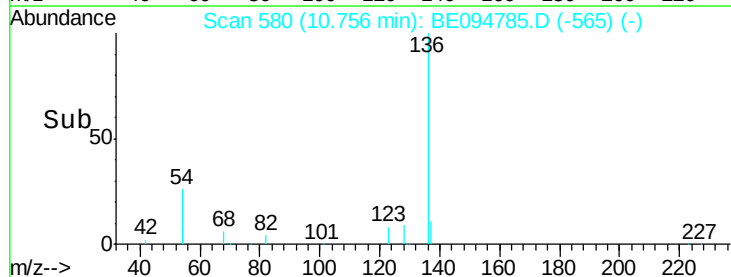
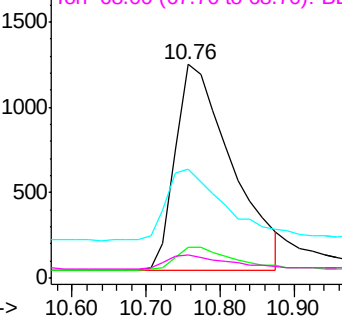


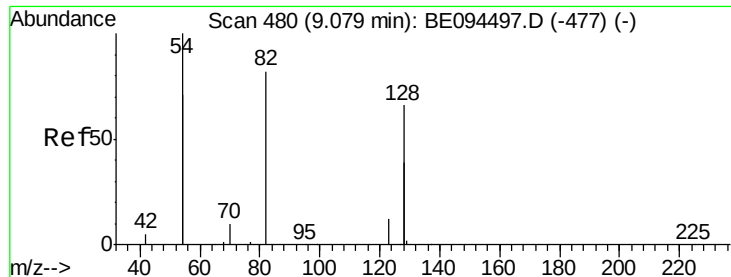
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.16 ng

RT: 9.21 min Scan# 488

Delta R.T. 0.13 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

Instrument :

BNA_E

ClientSampleId :

PB103996BL

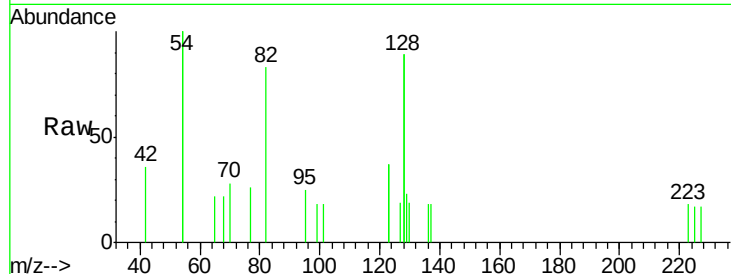
Tot Ion: 82 Resp: 829

Ion Ratio Lower Upper

82 100

128 214.8 150.0 225.0

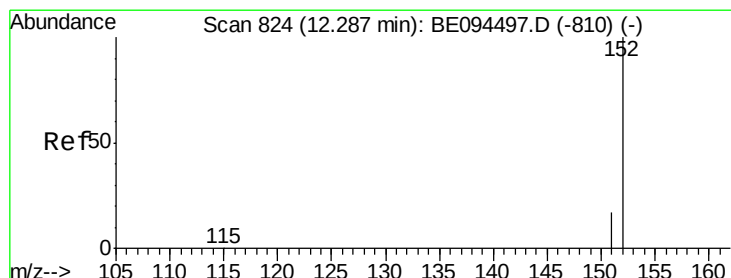
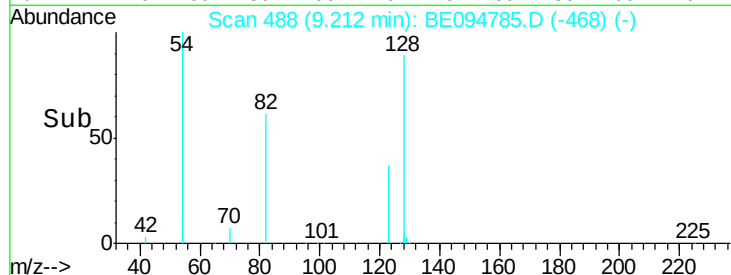
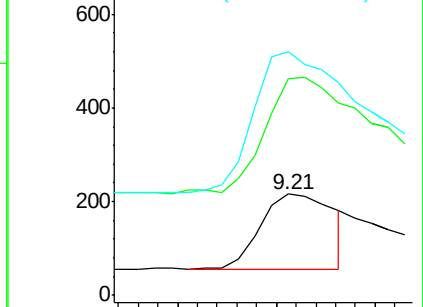
54 240.7 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.30 ng

RT: 12.36 min Scan# 842

Delta R.T. 0.07 min

Lab File: BE094785.D

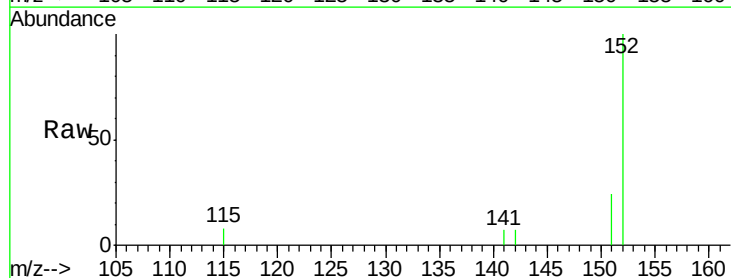
Acq: 8 Nov 2017 16:33

Tgt Ion: 152 Resp: 3122

Ion Ratio Lower Upper

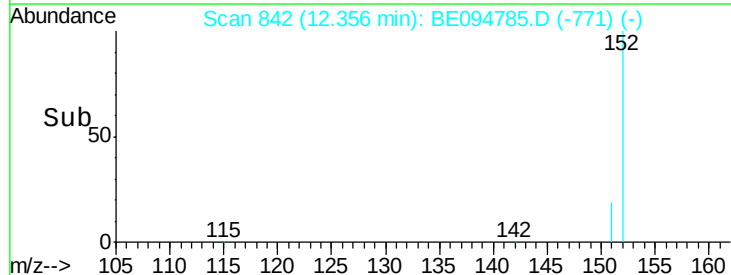
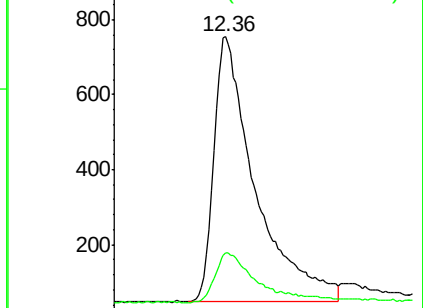
152 100

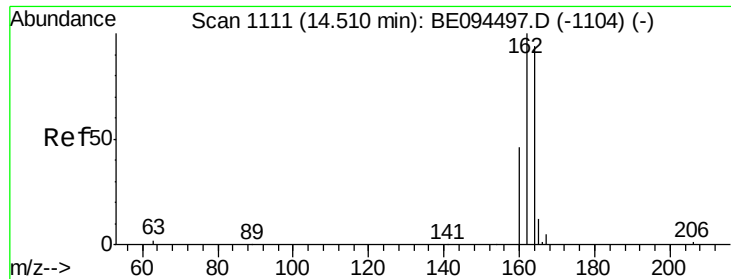
151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

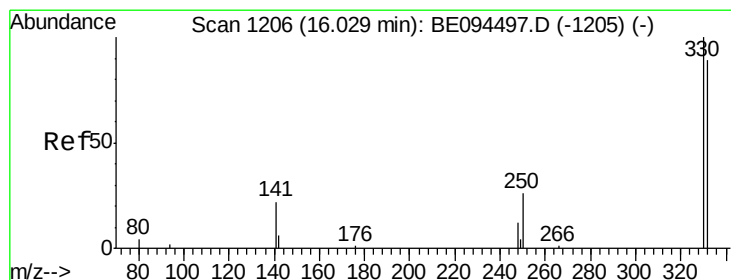
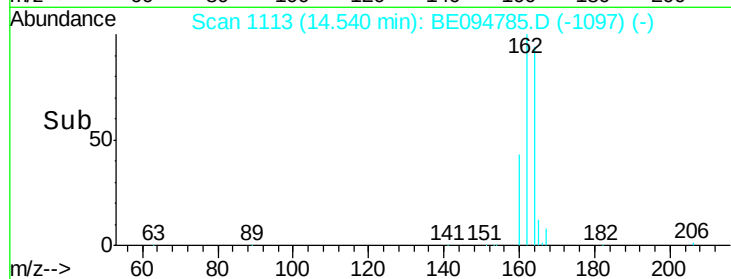
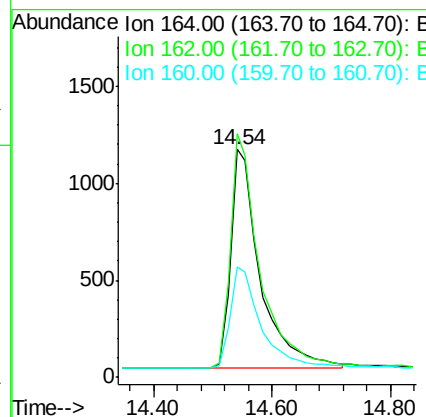
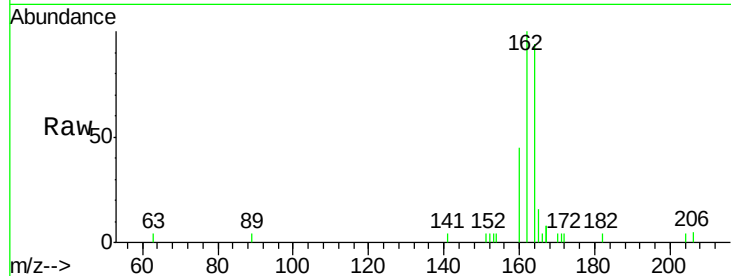




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BE094785.D
 Acq: 8 Nov 2017 16:33

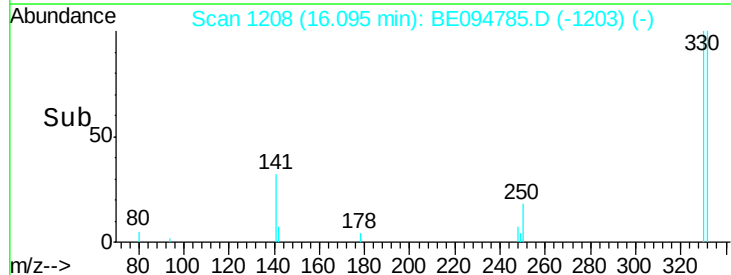
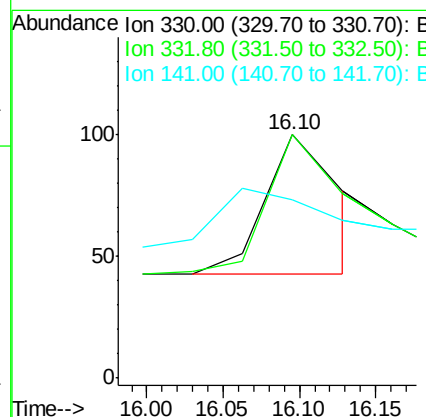
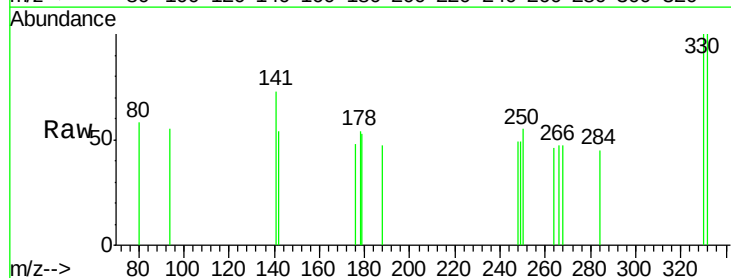
Instrument :
 BNA_E
 ClientSampleId :
 PB103996BL

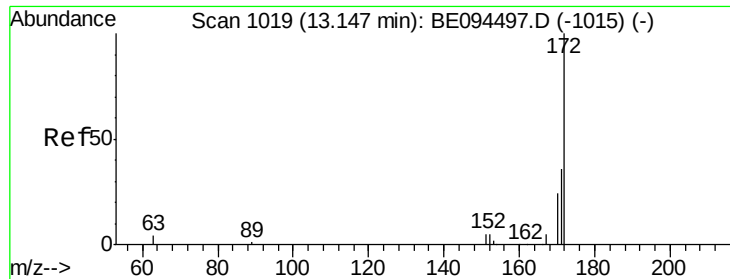
Tot Ion:164 Resp: 3987
 Ion Ratio Lower Upper
 164 100
 162 106.7 83.1 124.7
 160 48.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.18 ng
 RT: 16.10 min Scan# 1208
 Delta R.T. 0.07 min
 Lab File: BE094785.D
 Acq: 8 Nov 2017 16:33

Tgt Ion:330 Resp: 194
 Ion Ratio Lower Upper
 330 100
 332 92.8 152.7 229.1#
 141 0.0 33.7 50.5#

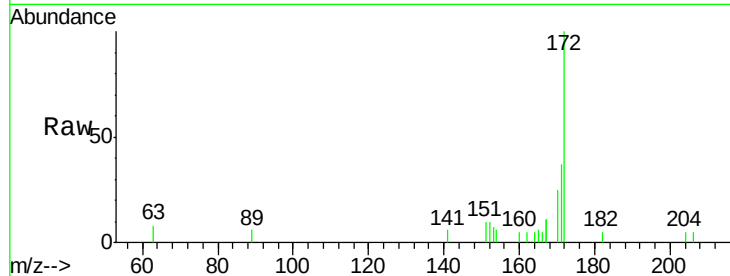




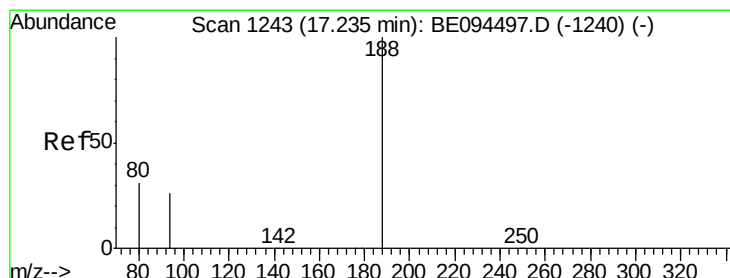
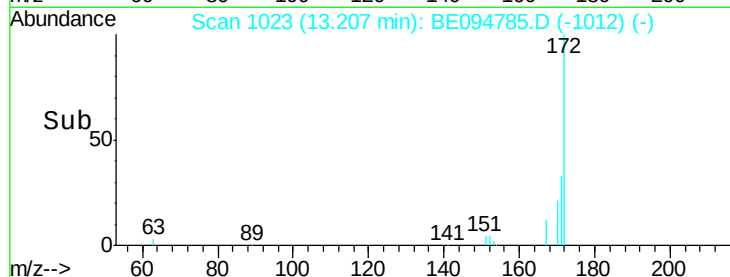
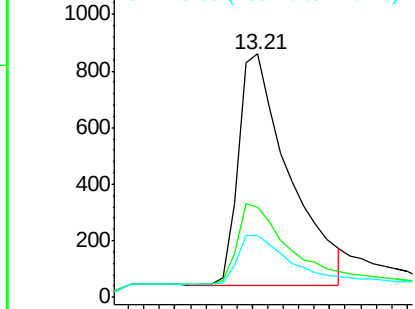
#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 13.21 min Scan# 1023
Delta R.T. 0.06 min
Lab File: BE094785.D
Acq: 8 Nov 2017 16:33

Instrument :
BNA_E
ClientSampleId :
PB103996BL

Tot Ion:172 Resp: 3701
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 25.4 21.8 32.8

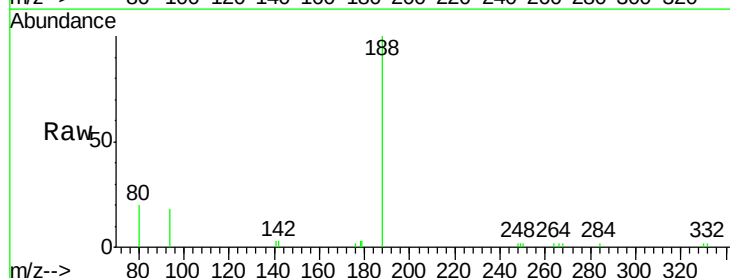


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

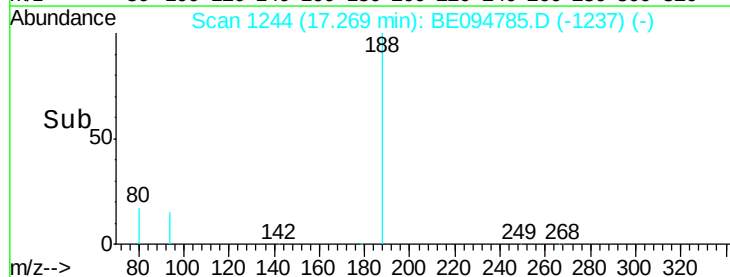
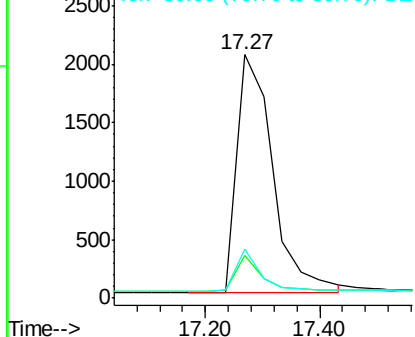


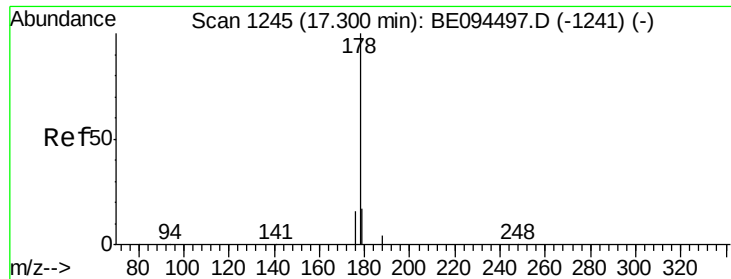
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094785.D
Acq: 8 Nov 2017 16:33

Tgt Ion:188 Resp: 8795
Ion Ratio Lower Upper
188 100
94 17.8 3.9 5.9#
80 19.9 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: Below Cal

RT: 17.33 min Scan# 1246

Delta R.T. 0.03 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

Instrument :

BNA_E

ClientSampleId :

PB103996BL

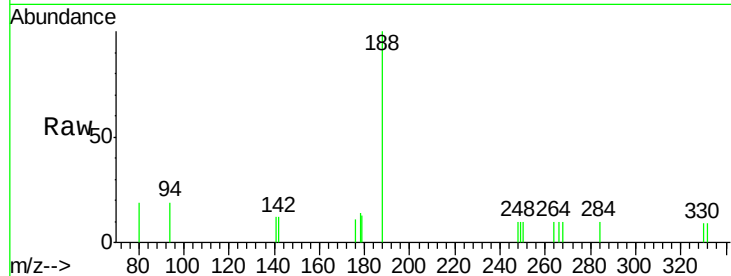
Tot Ion:178 Resp: 70

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

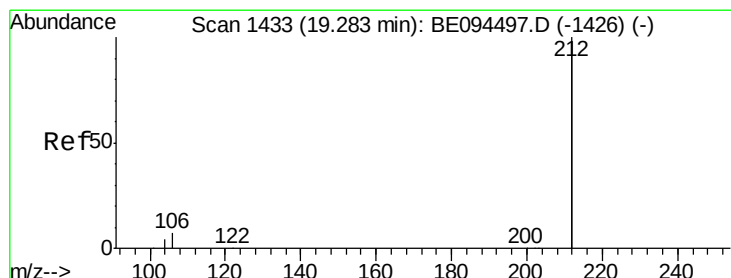
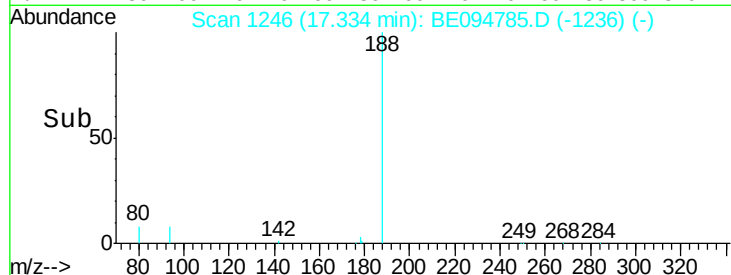
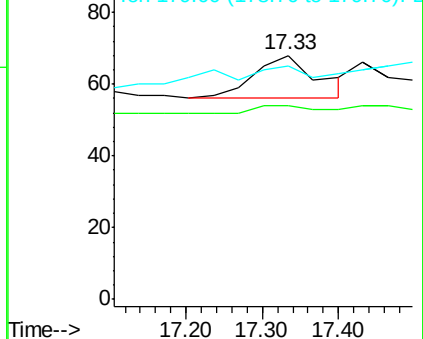
179 22.9 11.8 17.6#



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



#25

Fluoranthene-d10

Concen: 0.26 ng

RT: 19.30 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

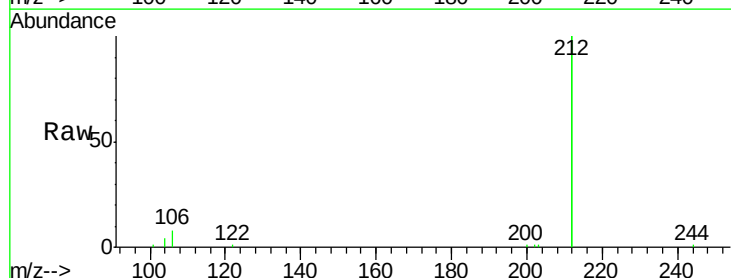
Tgt Ion:212 Resp: 31172

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

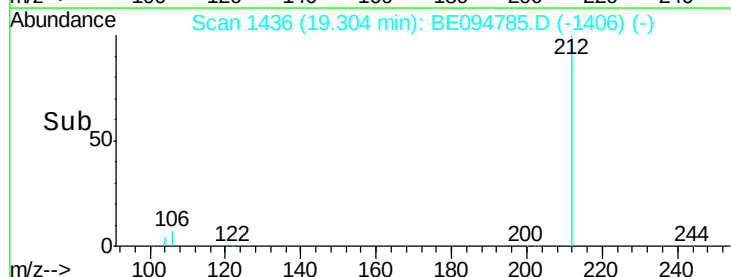
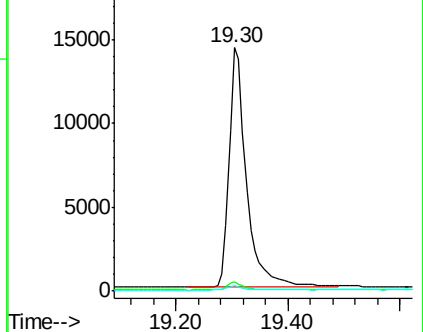
104 1.8 1.6 2.4

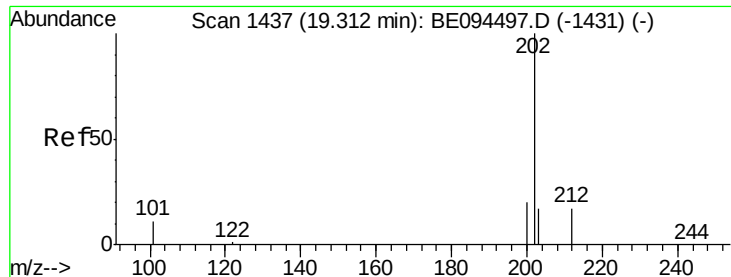


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

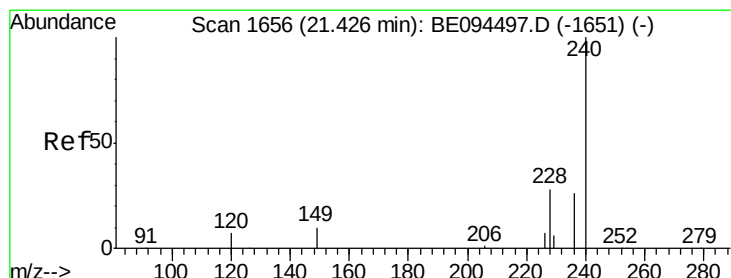
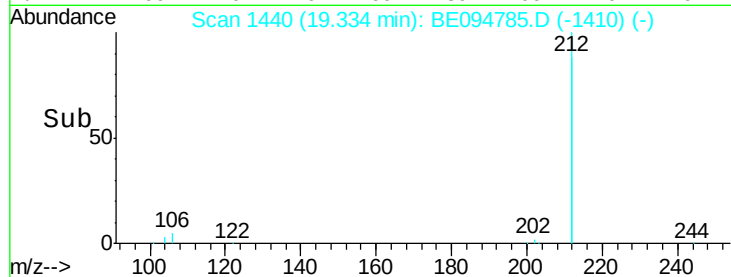
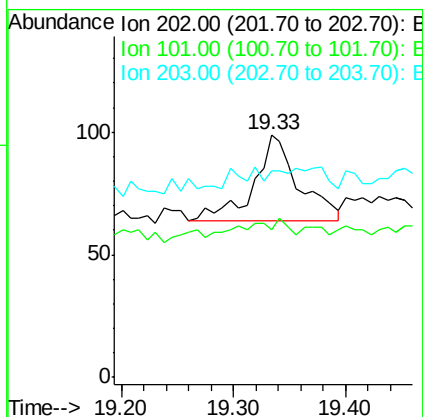
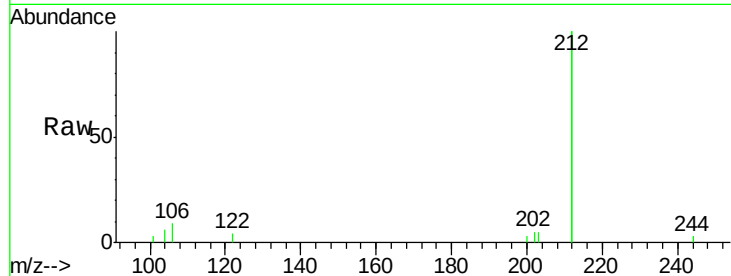




#26
Fluoranthene
Concen: Below Cal
RT: 19.33 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BE094785.D
Acq: 8 Nov 2017 16:33

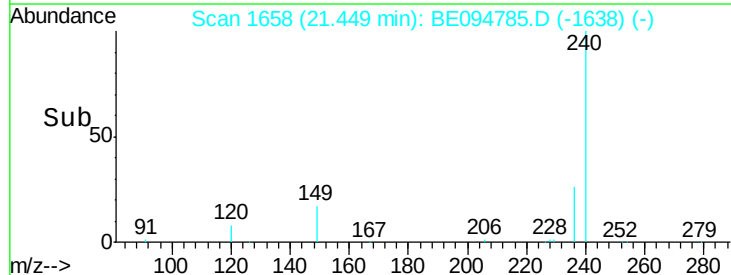
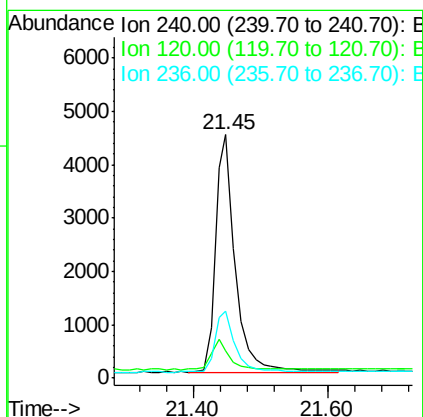
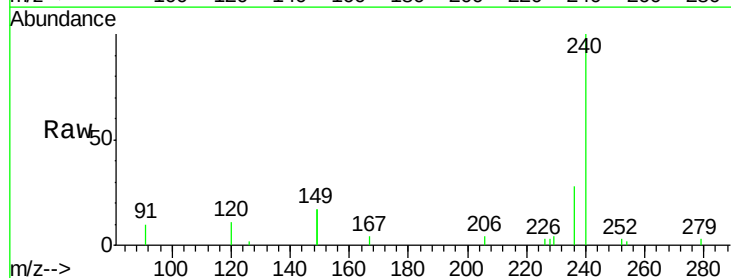
Instrument :
BNA_E
ClientSampleId :
PB103996BL

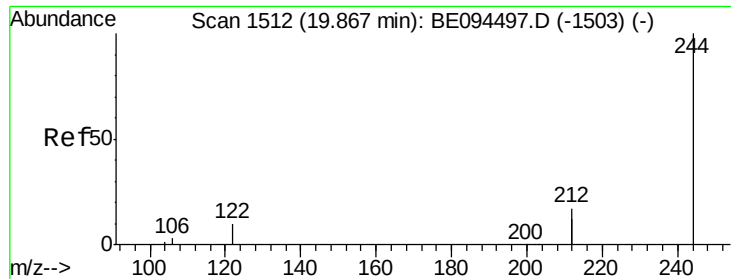
Tot Ion:202 Resp: 97
Ion Ratio Lower Upper
202 100
101 13.4 9.8 14.8
203 3.1 13.7 20.5#



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.02 min
Lab File: BE094785.D
Acq: 8 Nov 2017 16:33

Tgt Ion:240 Resp: 9184
Ion Ratio Lower Upper
240 100
120 11.4 5.5 8.3#
236 27.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.30 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

Instrument :

BNA_E

ClientSampleId :

PB103996BL

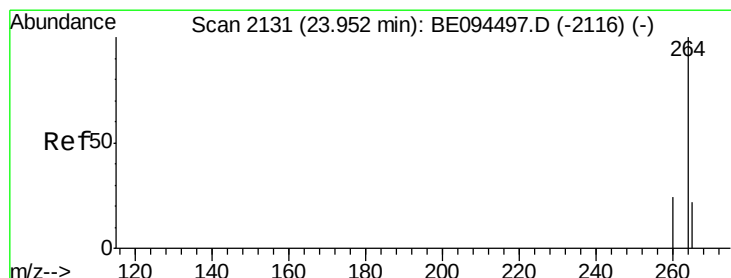
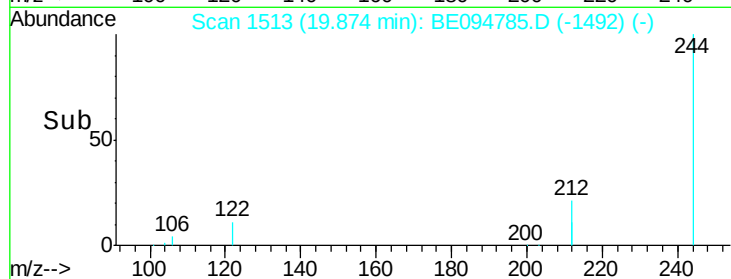
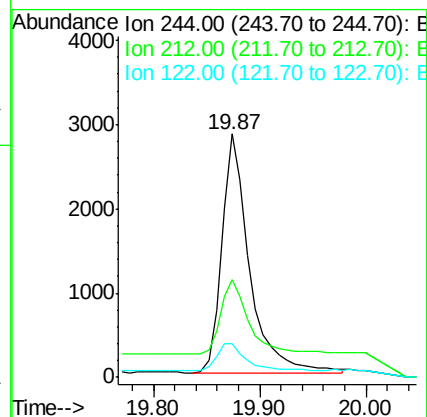
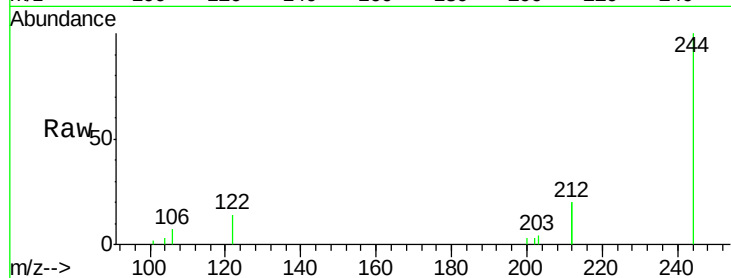
Tot Ion:244 Resp: 5153

Ion Ratio Lower Upper

244 100

212 40.3 25.4 38.0#

122 13.7 8.1 12.1#



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.99 min Scan# 2140

Delta R.T. 0.04 min

Lab File: BE094785.D

Acq: 8 Nov 2017 16:33

Tgt Ion:264 Resp: 8328

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 33.2 22.8 34.2

