

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094648.D
 Acq On : 30 Oct 2017 18:17
 Operator : SJ/JU
 Sample : I6036-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 31 01:15:53 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

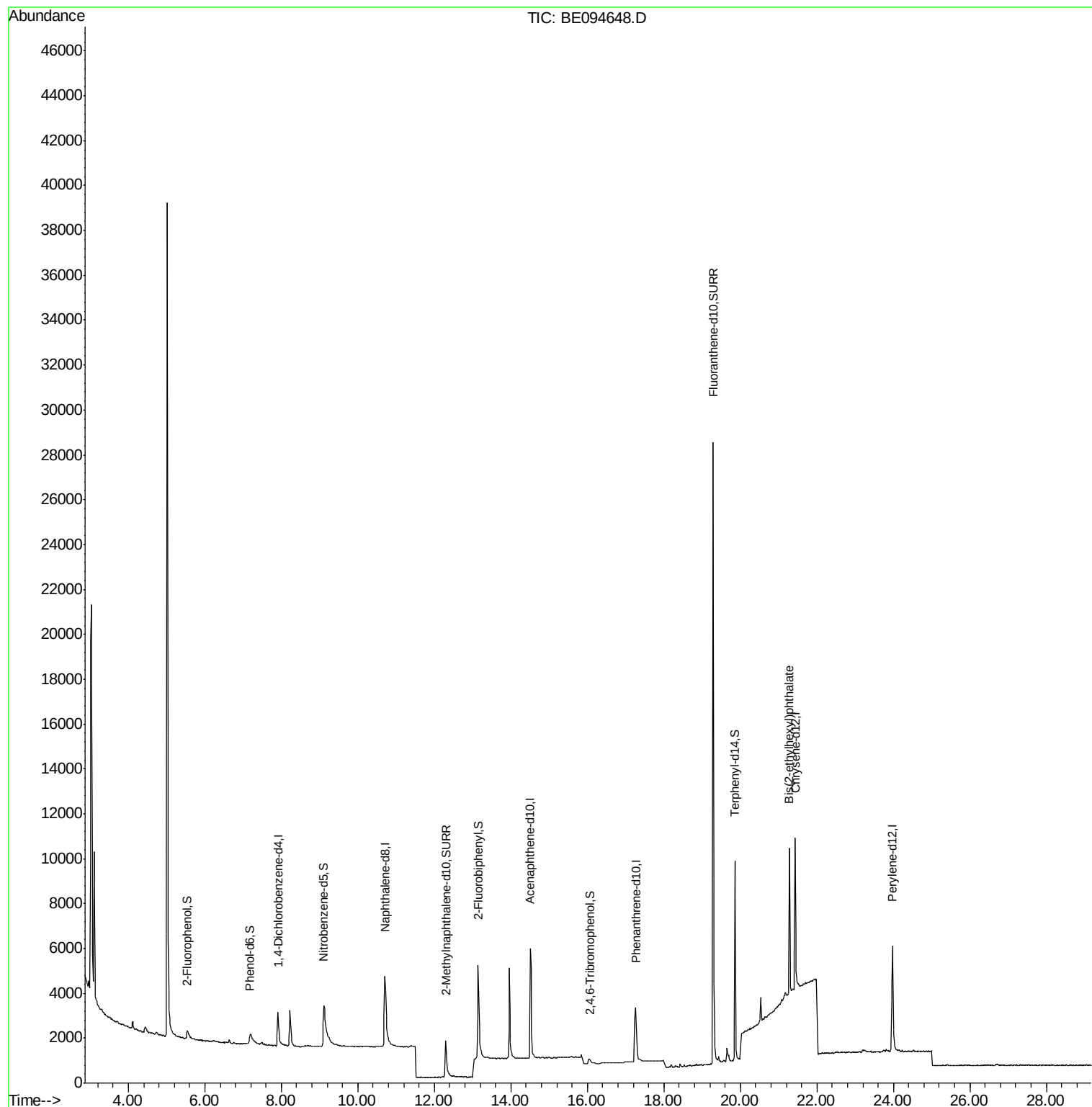
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1172	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	6708	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3911	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7160	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8948	0.40	ng	0.01
34) Perylene-d12	23.98	264	8315	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	557	0.14	ng	0.01
5) Phenol-d6	7.17	99	575	0.09	ng	0.04
8) Nitrobenzene-d5	9.11	82	1887	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.30	152	4271	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.06	330	315	0.29	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	6273	0.46	ng	0.00
25) Fluoranthene-d10	19.29	212	43240	0.51	ng	0.00
29) Terphenyl-d14	19.86	244	8384	0.50	ng	0.00
Target Compounds						
23) Phenanthrene	17.30	178	311	Below Cal	#	84
26) Fluoranthene	19.32	202	228	Below Cal	#	79
32) Bis(2-ethylhexyl)phthalate	21.28	149	9567	0.13	ng	100

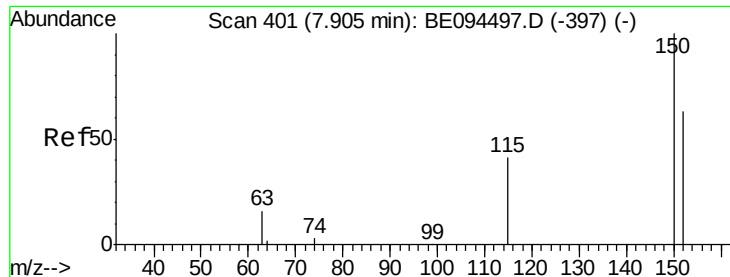
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094648.D
Acq On : 30 Oct 2017 18:17
Operator : SJ/JU
Sample : I6036-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 31 01:15:53 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



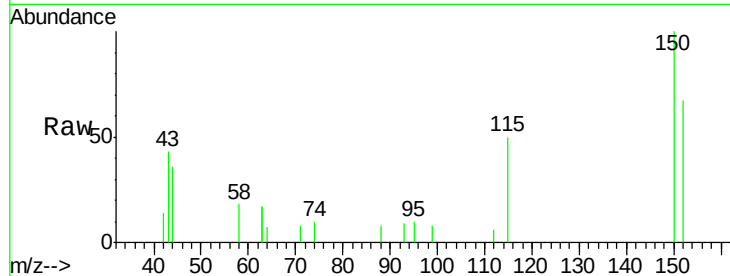


#1

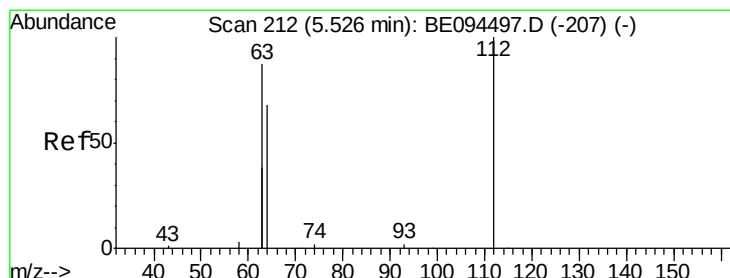
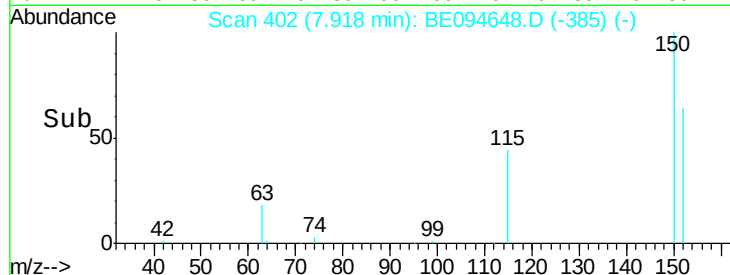
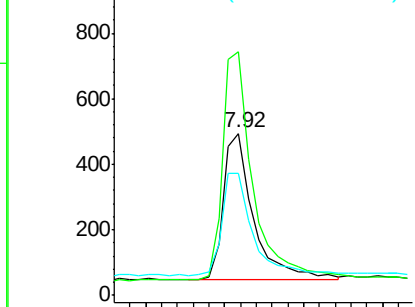
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094648.D
Acq: 30 Oct 2017 18:17

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1172
Ion Ratio Lower Upper
152 100
150 150.1 117.2 175.8
115 75.4 57.0 85.6



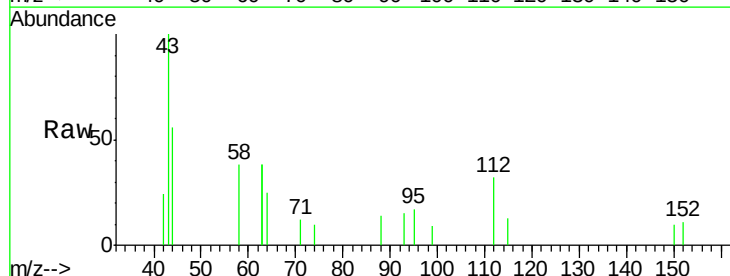
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



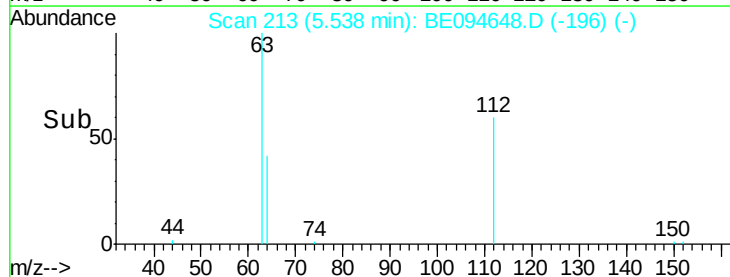
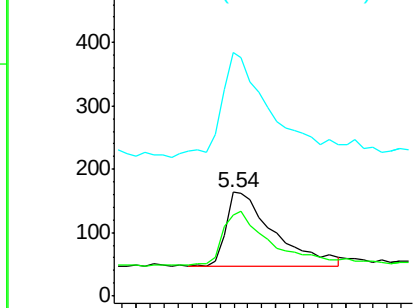
#4

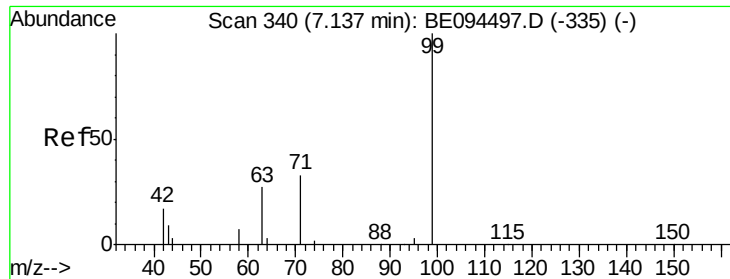
2-Fluorophenol
Concen: 0.14 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE094648.D
Acq: 30 Oct 2017 18:17

Tgt Ion:112 Resp: 557
Ion Ratio Lower Upper
112 100
64 71.6 60.1 90.1
63 148.8 116.8 175.2



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: 0.09 ng

RT: 7.17 min Scan# 343

Delta R.T. 0.04 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

Instrument :

BNA_E

ClientSampleId :

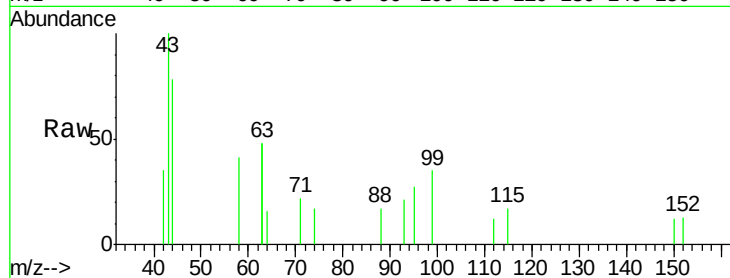
Tot Ion: 99 Resp: 575

Ion Ratio Lower Upper

99 100

42 29.9 20.2 30.2

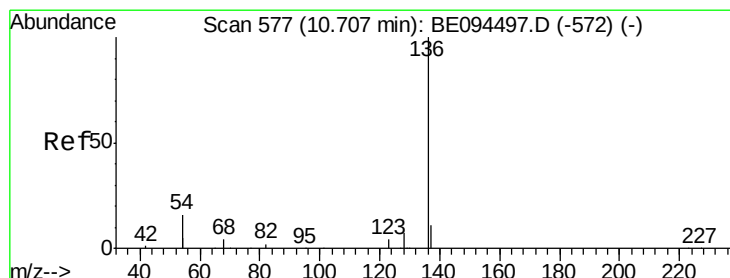
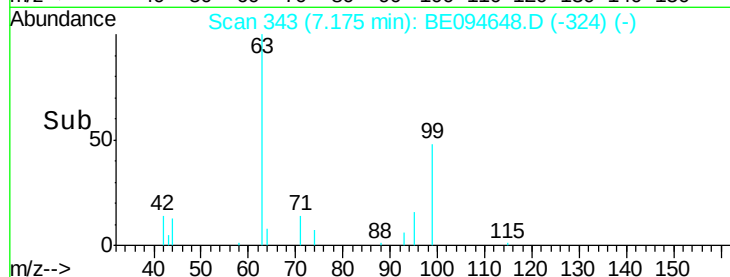
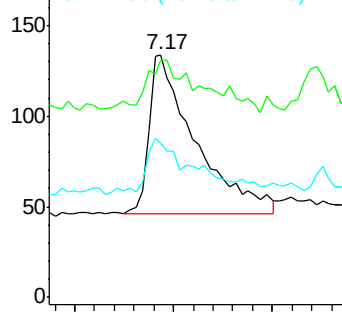
71 25.0 28.4 42.6#



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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

Tgt Ion: 136 Resp: 6708

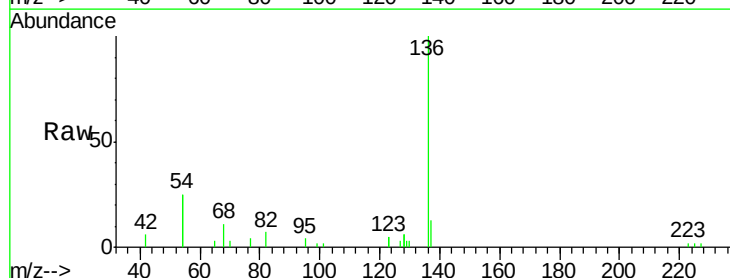
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 49.8 29.1 43.7#

68 10.6 6.2 9.2#

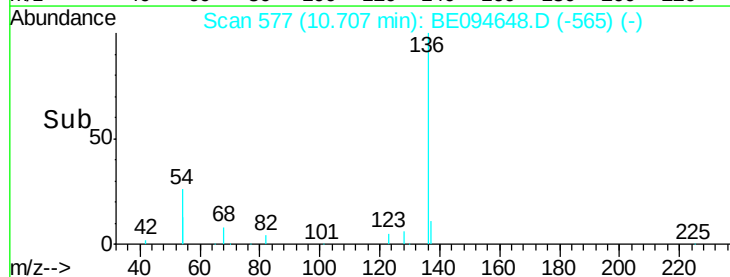
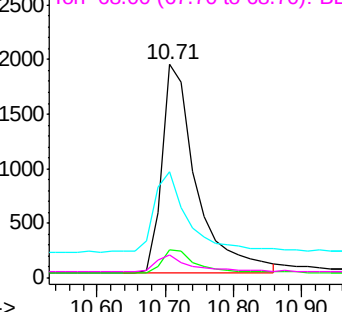


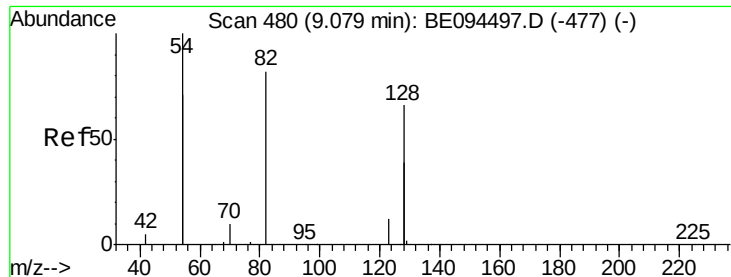
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.35 ng

RT: 9.11 min Scan# 482

Delta R.T. 0.03 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

Instrument :

BNA_E

ClientSampleId :

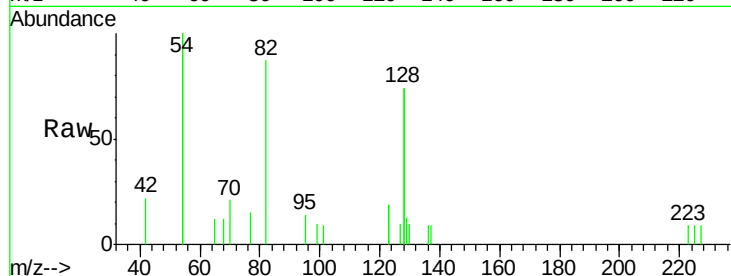
Tot Ion: 82 Resp: 1887

Ion Ratio Lower Upper

82 100

128 171.4 150.0 225.0

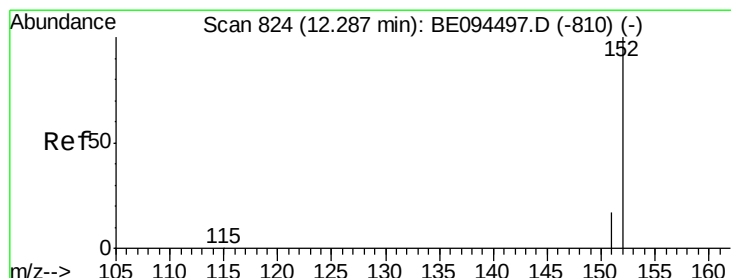
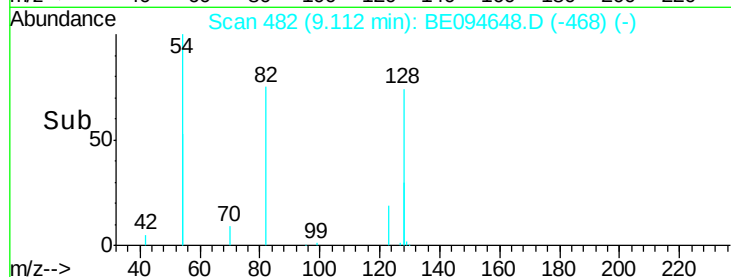
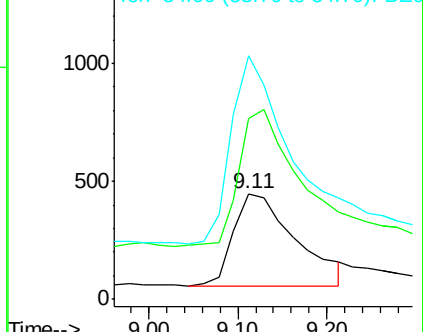
54 230.4 154.2 231.4



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: 0.40 ng

RT: 12.30 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE094648.D

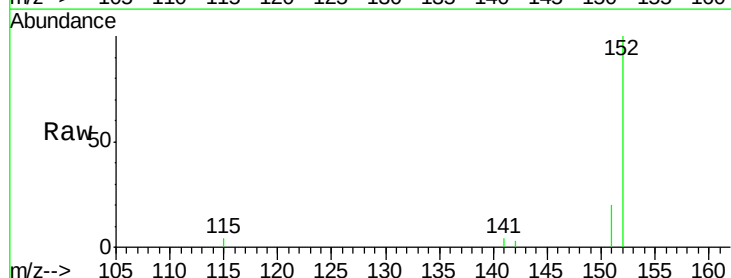
Acq: 30 Oct 2017 18:17

Tgt Ion: 152 Resp: 4271

Ion Ratio Lower Upper

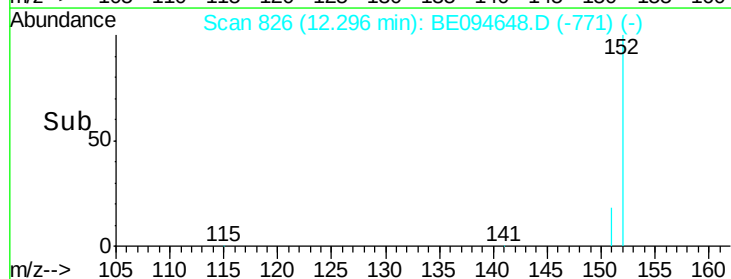
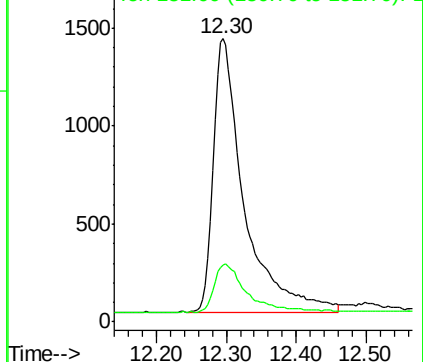
152 100

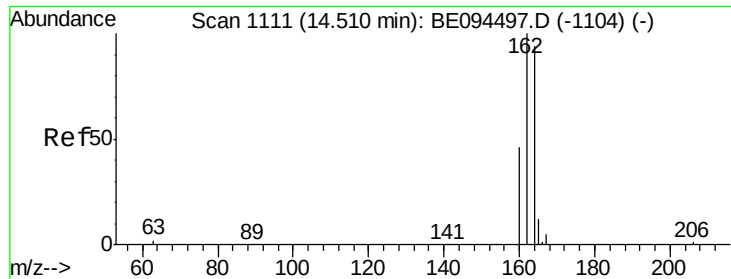
151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

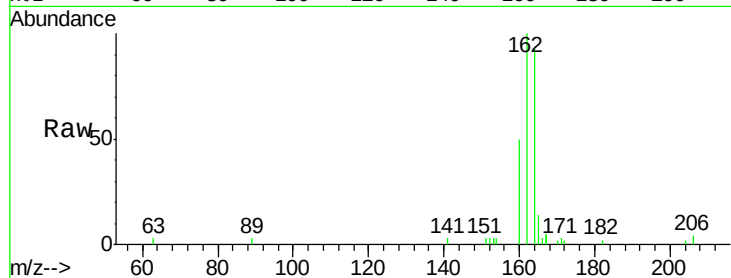




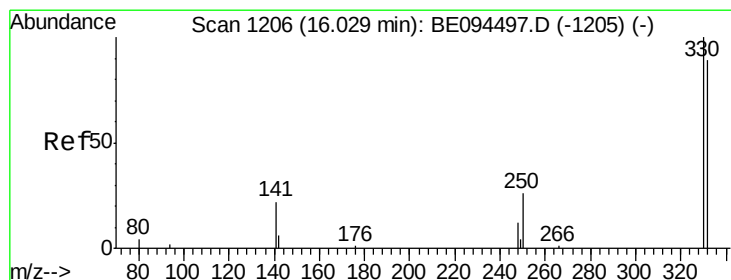
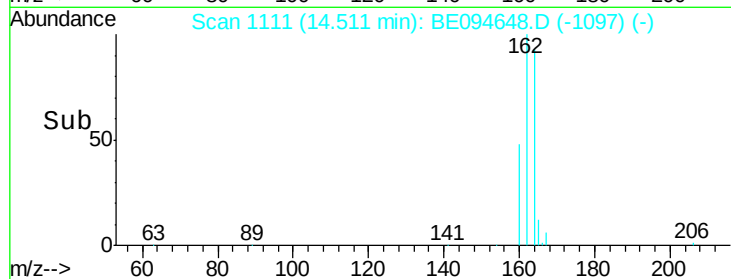
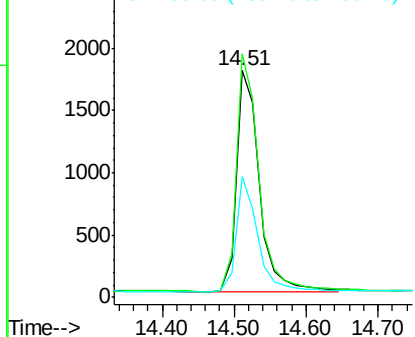
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094648.D
Acq: 30 Oct 2017 18:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3911
Ion Ratio Lower Upper
164 100
162 107.6 83.1 124.7
160 53.5 37.1 55.7

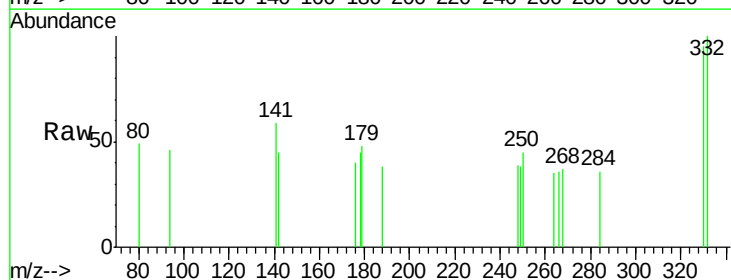


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

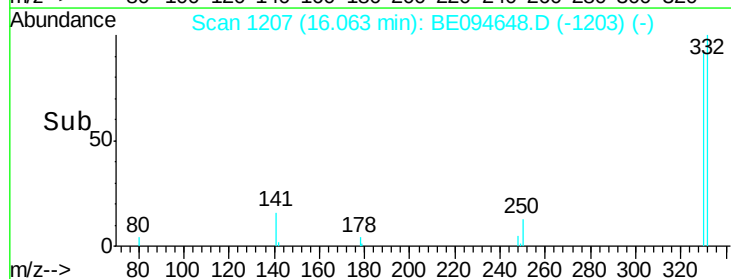
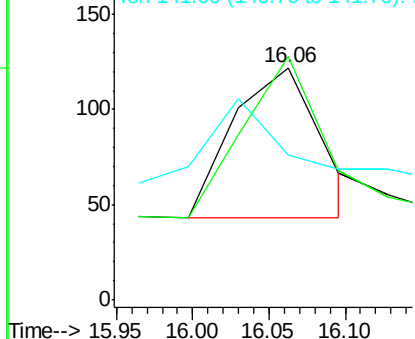


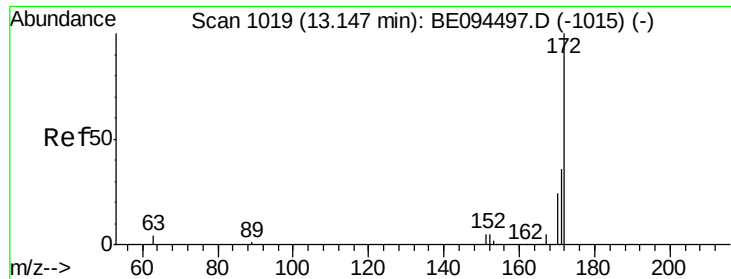
#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094648.D
Acq: 30 Oct 2017 18:17

Tgt Ion:330 Resp: 315
Ion Ratio Lower Upper
330 100
332 95.6 152.7 229.1#
141 0.0 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

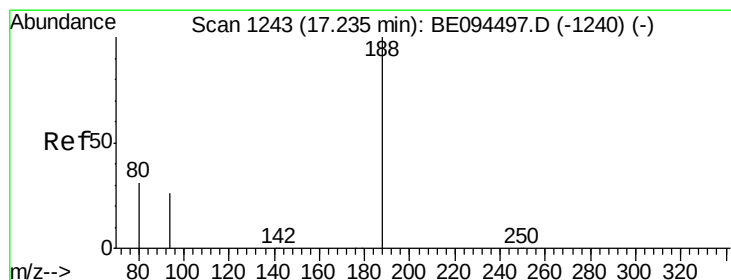
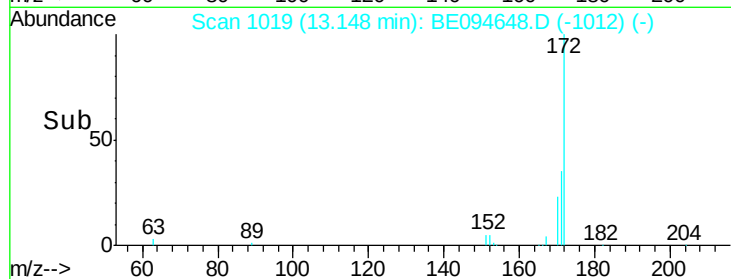
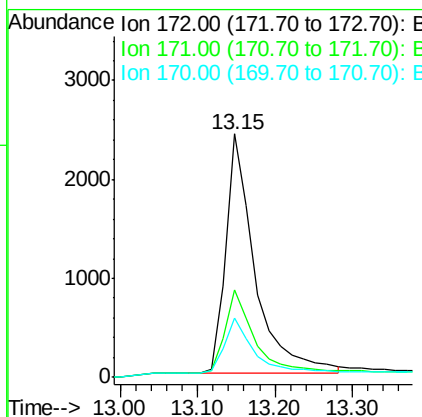
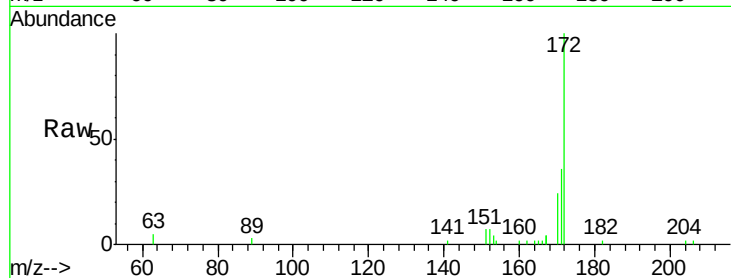




#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094648.D
Acq: 30 Oct 2017 18:17

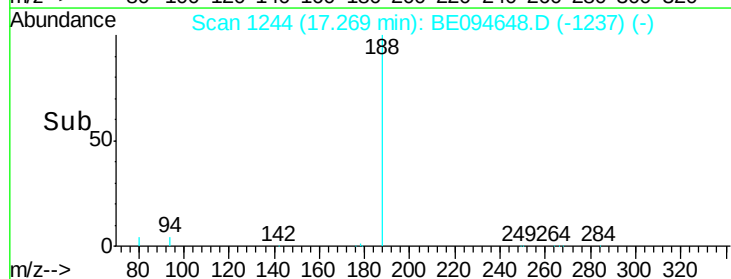
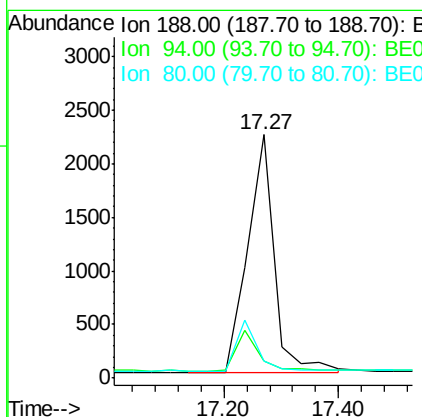
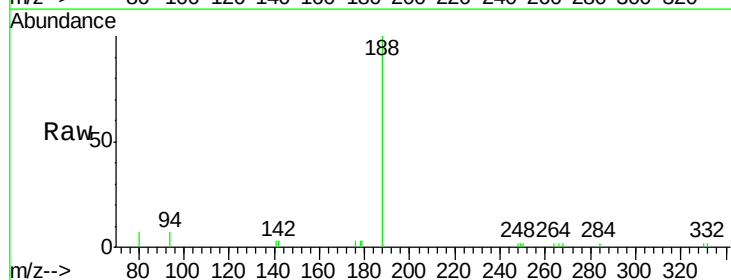
Instrument :
BNA_E
ClientSampleId :

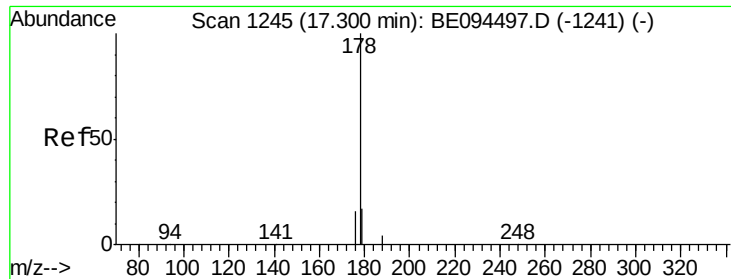
Tot Ion:172 Resp: 6273
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 24.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094648.D
Acq: 30 Oct 2017 18:17

Tgt Ion:188 Resp: 7160
Ion Ratio Lower Upper
188 100
94 7.0 3.9 5.9#
80 7.0 3.6 5.4#





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

Instrument :

BNA_E

ClientSampled :

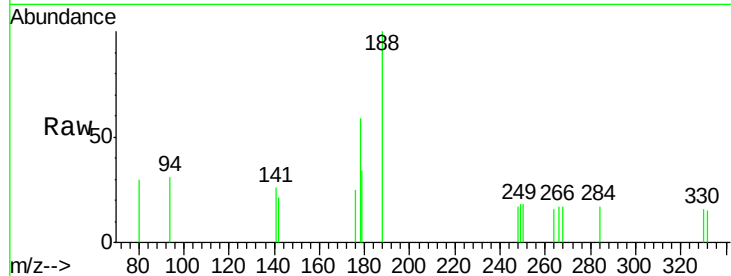
Tot Ion:178 Resp: 311

Ion Ratio Lower Upper

178 100

176 20.9 15.1 22.7

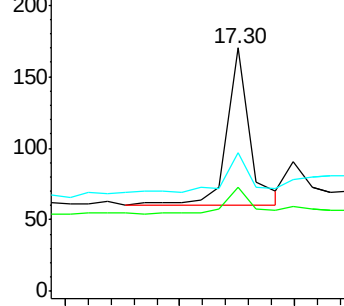
179 27.7 11.8 17.6#



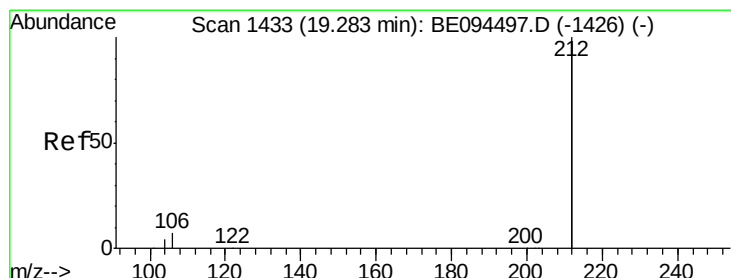
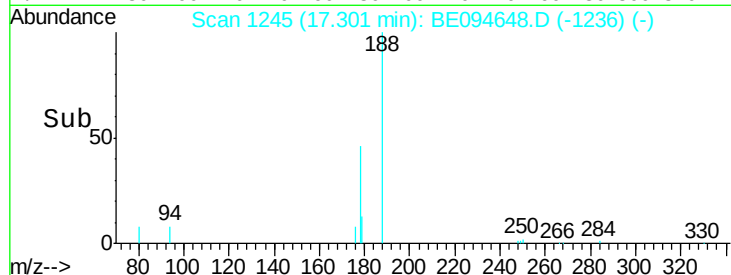
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.51 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

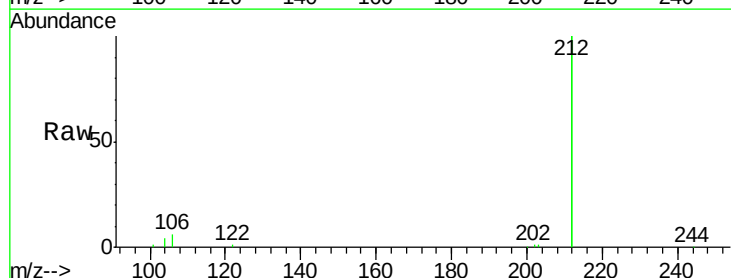
Tgt Ion:212 Resp: 43240

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

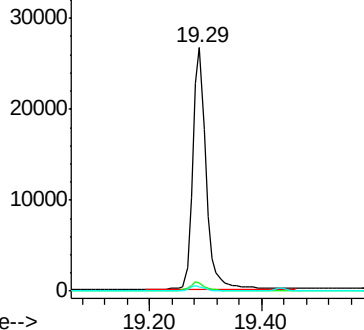
104 1.9 1.6 2.4



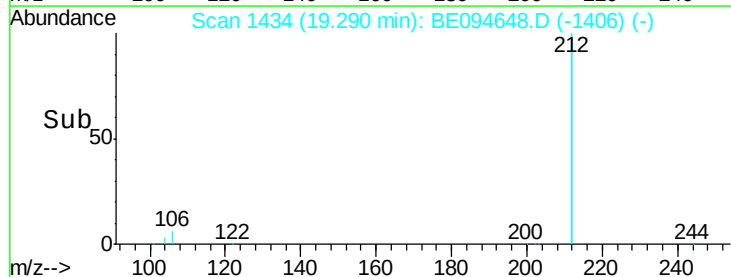
Abundance Ion 212.00 (211.70 to 212.70): E

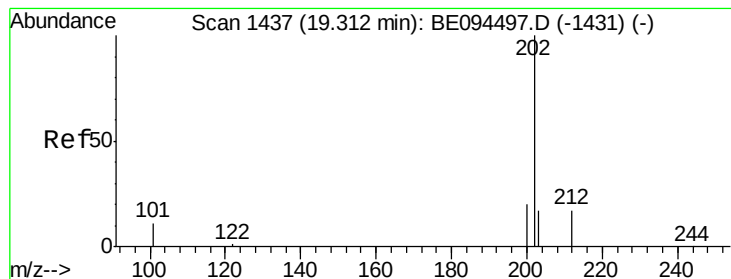
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#26

Fluoranthene

Concen: Below Cal

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

Instrument :

BNA_E

ClientSampleId :

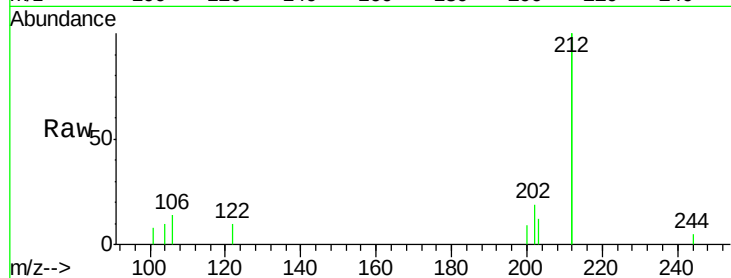
Tot Ion:202 Resp: 228

Ion Ratio Lower Upper

202 100

101 15.4 9.8 14.8#

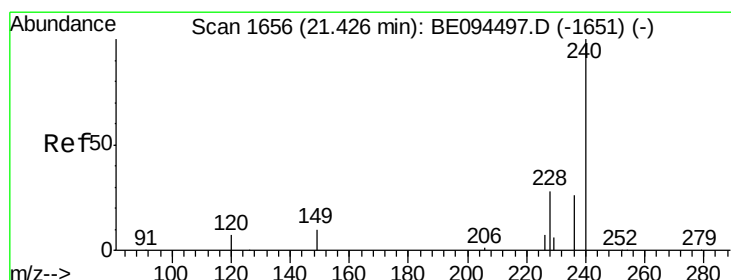
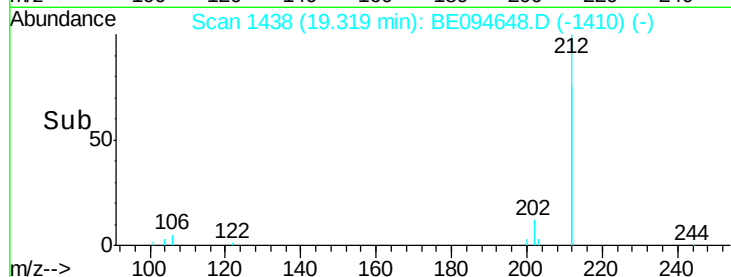
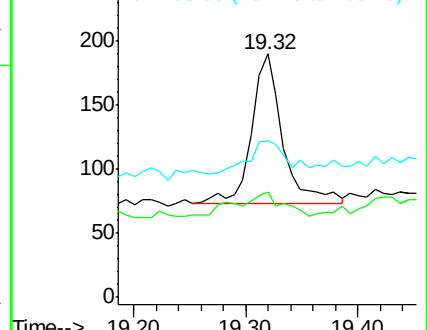
203 30.3 13.7 20.5#



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



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

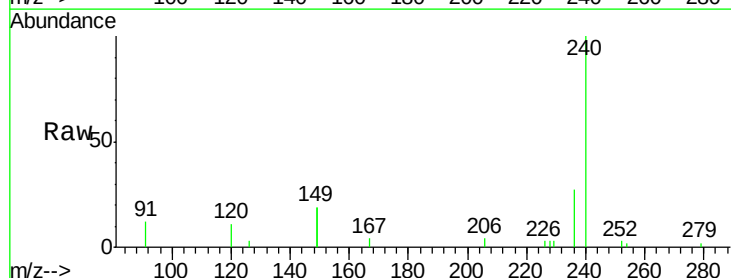
Tgt Ion:240 Resp: 8948

Ion Ratio Lower Upper

240 100

120 10.7 5.5 8.3#

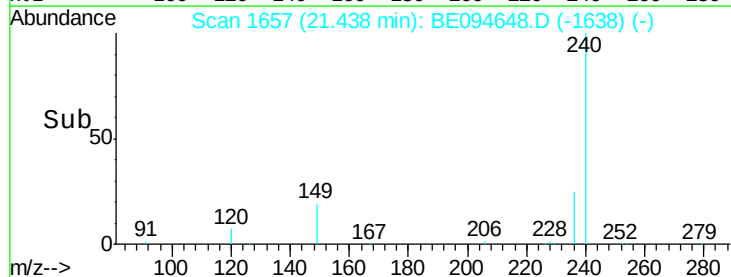
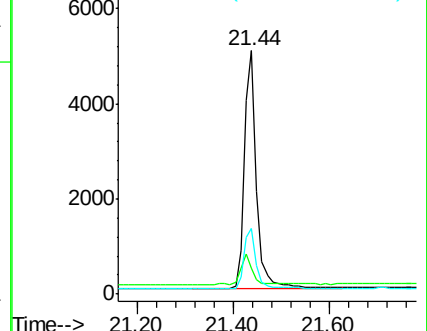
236 27.1 20.7 31.1

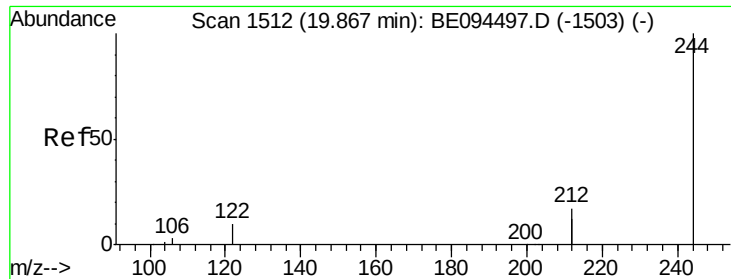


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.50 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

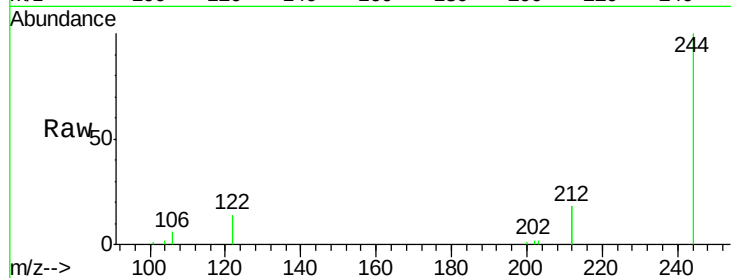
Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

Instrument :

BNA_E

ClientSampleId :



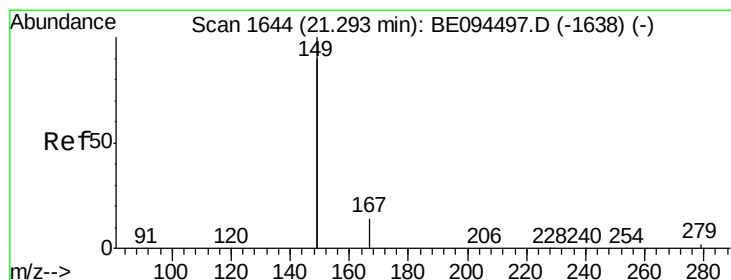
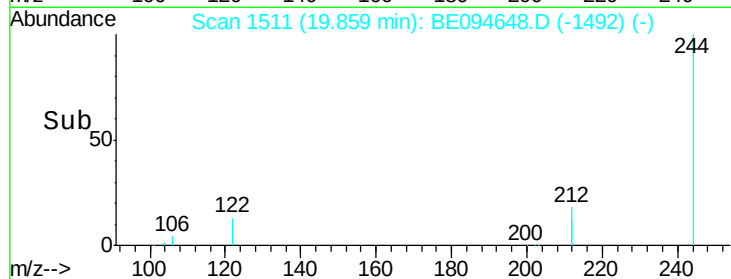
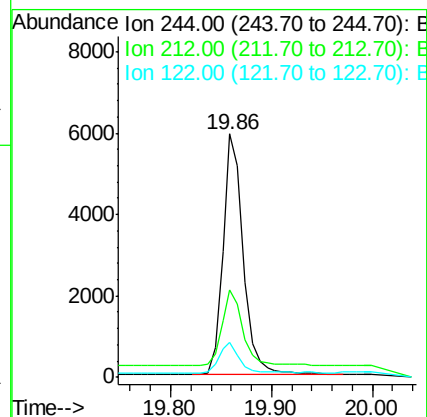
Tot Ion:244 Resp: 8384

Ion Ratio Lower Upper

244 100

212 35.9 25.4 38.0

122 14.4 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

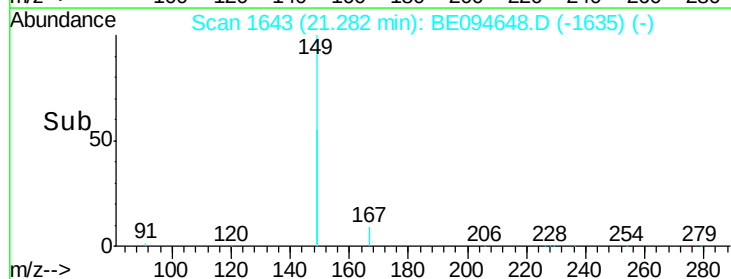
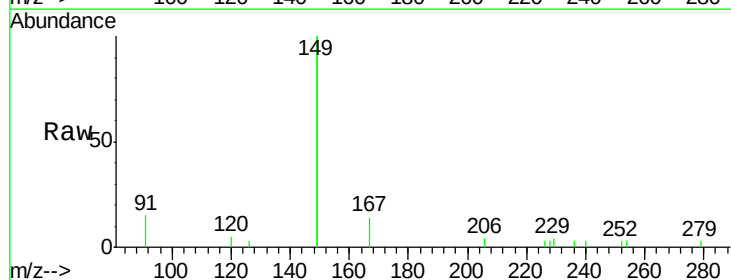
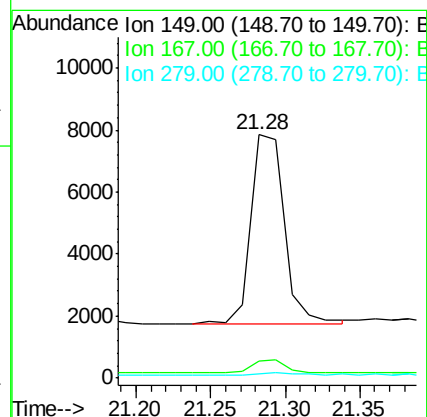
Tgt Ion:149 Resp: 9567

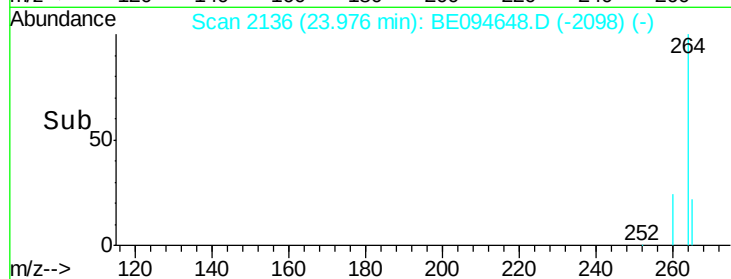
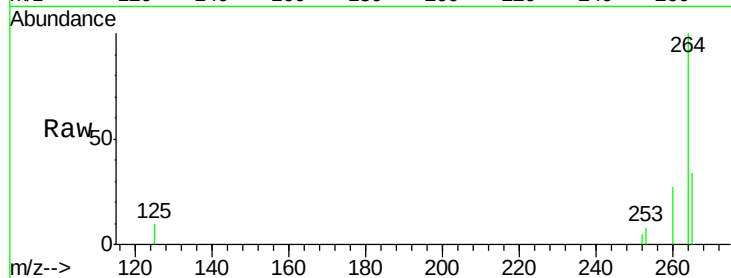
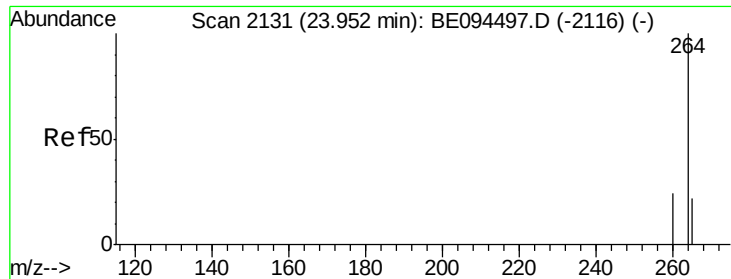
Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.8 0.7 1.1





#34

Pervlene-d12

Concen: 0.40 ng

RT: 23.98 min Scan# 2136

Delta R.T. 0.02 min

Lab File: BE094648.D

Acq: 30 Oct 2017 18:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 8315

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 34.5 22.8 34.2#

