

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094460.D
 Acq On : 19 Oct 2017 23:56
 Operator : SJ/JU
 Sample : I5819-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3915-PA4

Quant Time: Oct 20 13:56:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

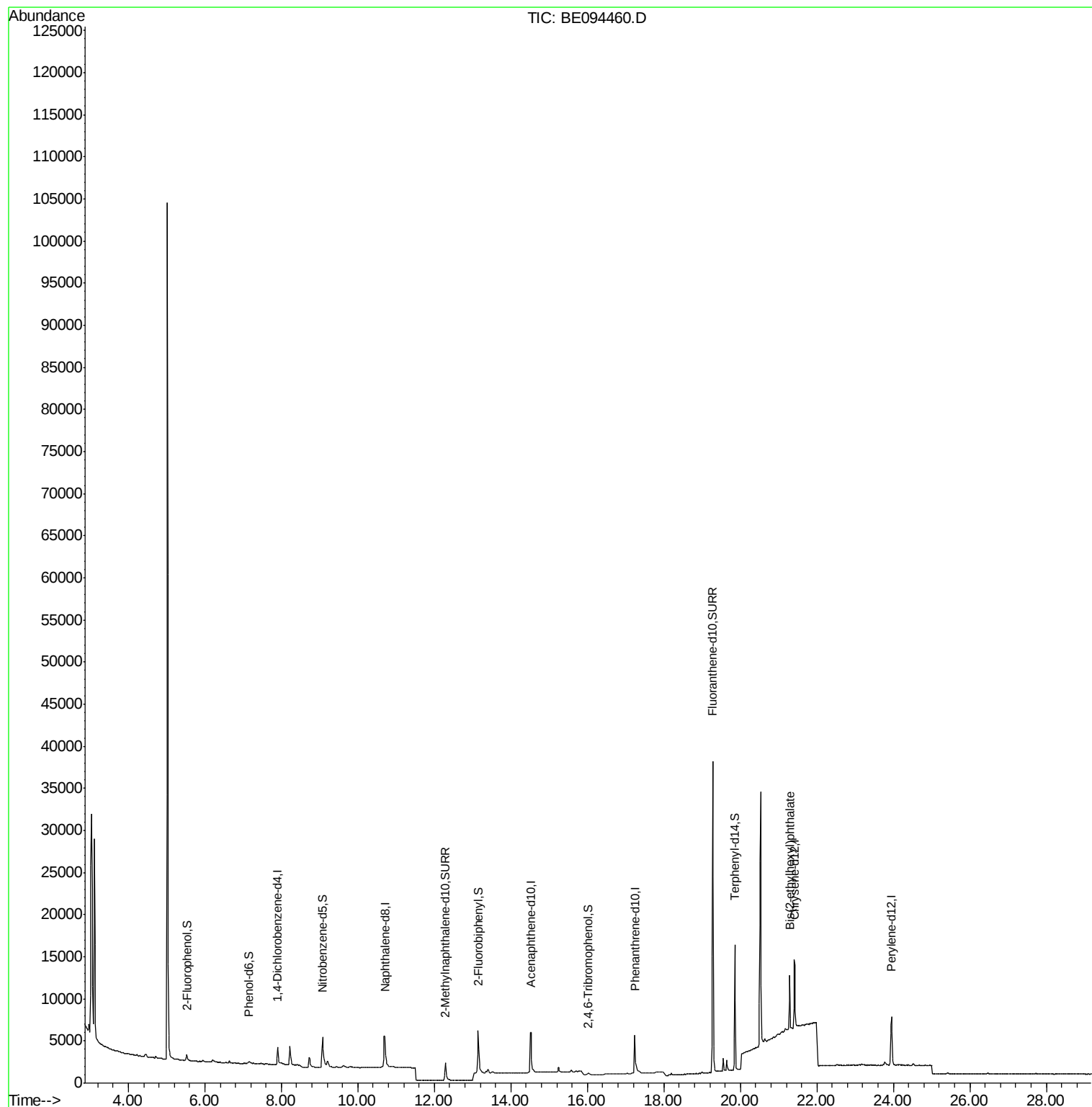
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1347	0.40	ng	-0.02
7) Naphthalene-d8	10.71	136	6601	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4096	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	8860	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9709	0.40	ng	0.00
34) Perylene-d12	23.95	264	9359	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	571	0.13	ng	0.00
5) Phenol-d6	7.15	99	583	0.08	ng	0.02
8) Nitrobenzene-d5	9.08	82	2408	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4629	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	229	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6589	0.45	ng	0.00
25) Fluoranthene-d10	19.28	212	52589	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	12563	0.64	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.29	149	7495	0.078	ng	Qvalue # 97

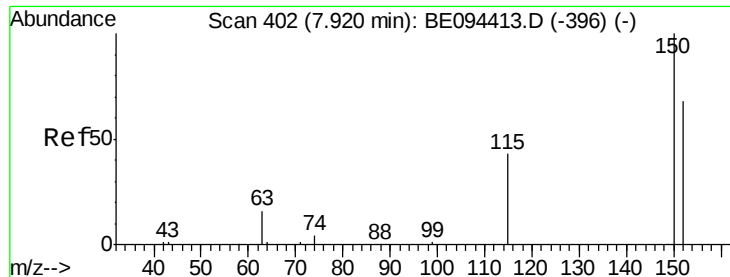
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.02 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

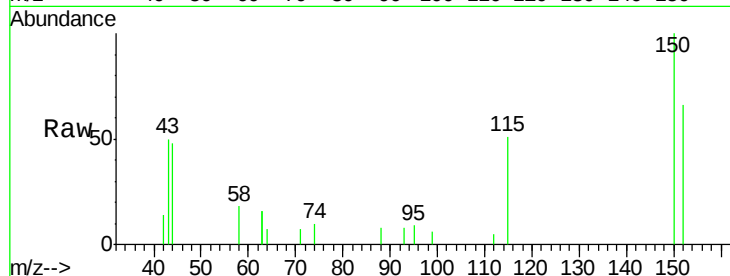
Tgt Ion:152 Resp: 1347

Ion Ratio Lower Upper

152 100

150 152.6 117.2 175.8

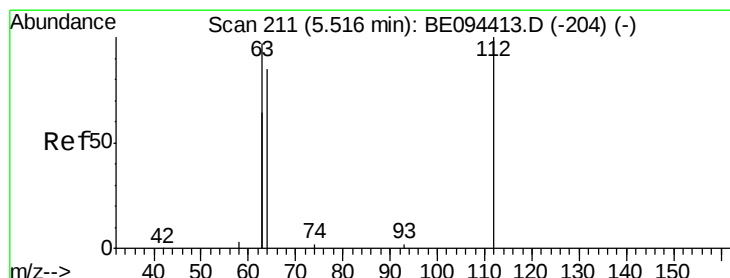
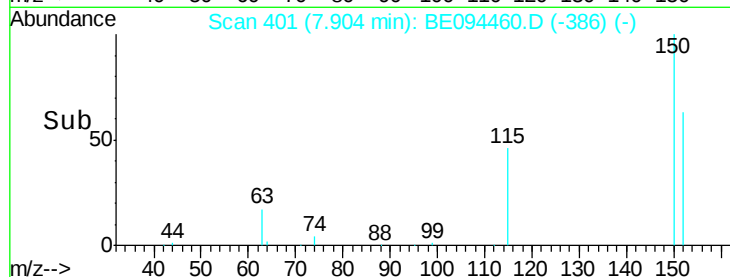
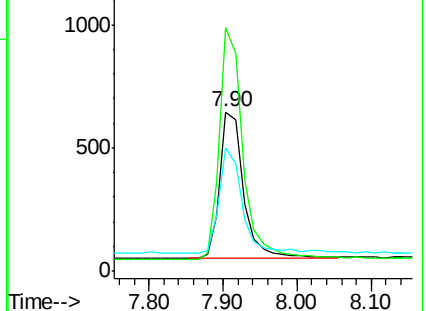
115 77.4 57.0 85.6



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: 0.125 ng

RT: 5.52 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

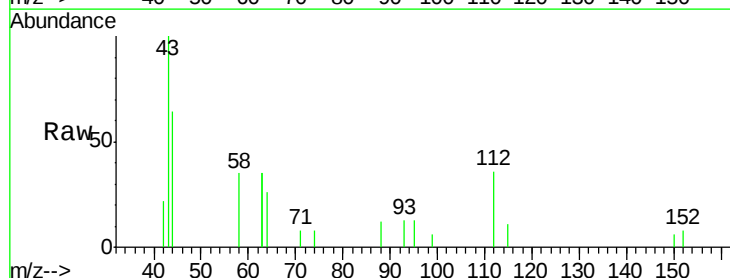
Tgt Ion:112 Resp: 571

Ion Ratio Lower Upper

112 100

64 74.3 60.1 90.1

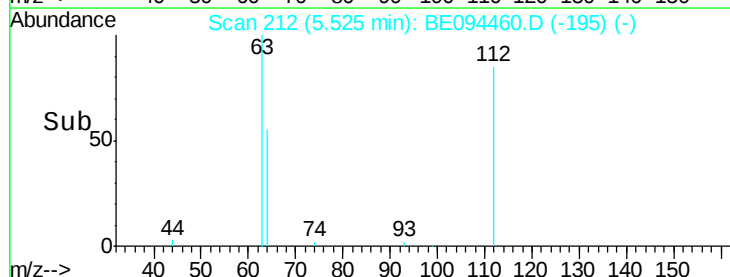
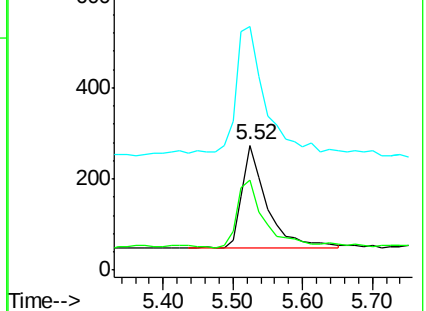
63 138.5 116.8 175.2

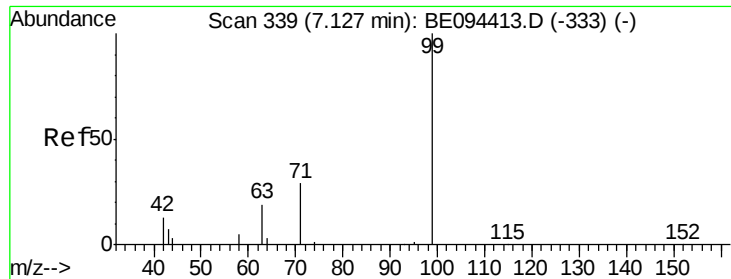


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.15 min Scan# 341

Delta R.T. 0.02 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

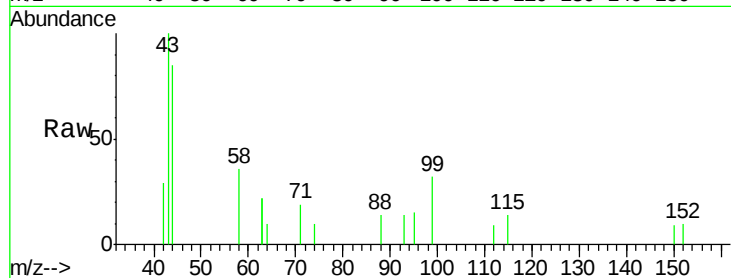
Tgt Ion: 99 Resp: 583

Ion Ratio Lower Upper

99 100

42 17.7 20.2 30.2#

71 32.1 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

Time-->

7.15

250

200

150

100

50

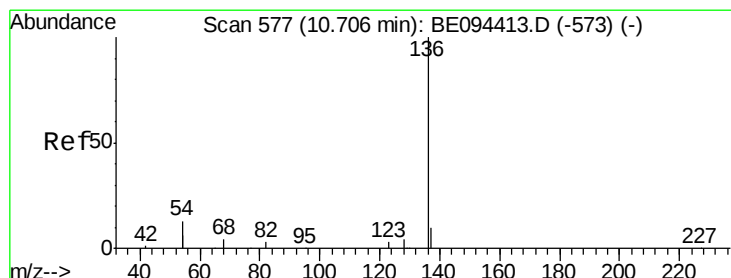
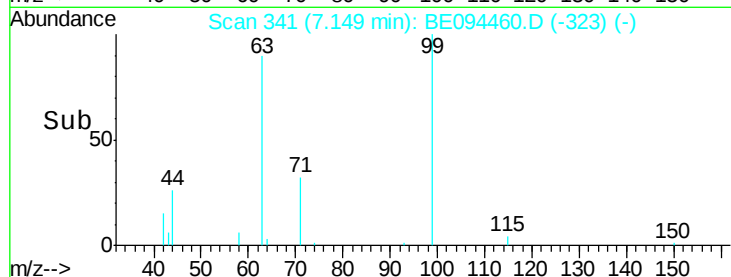
0

7.00

7.10

7.20

7.30



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Tgt Ion: 136 Resp: 6601

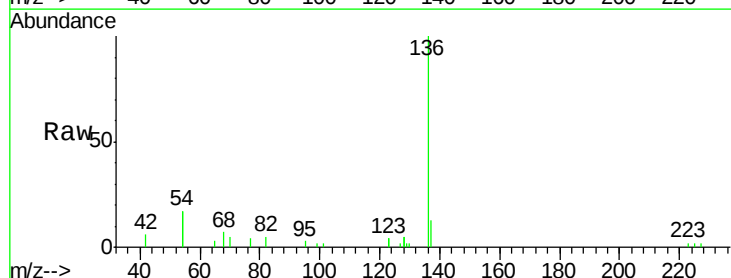
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 34.1 29.1 43.7

68 7.2 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

Time-->

10.71

4000

3000

2000

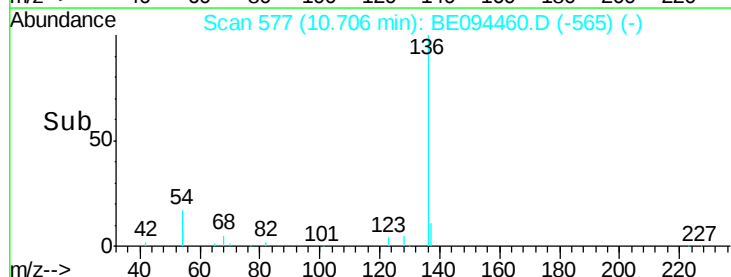
1000

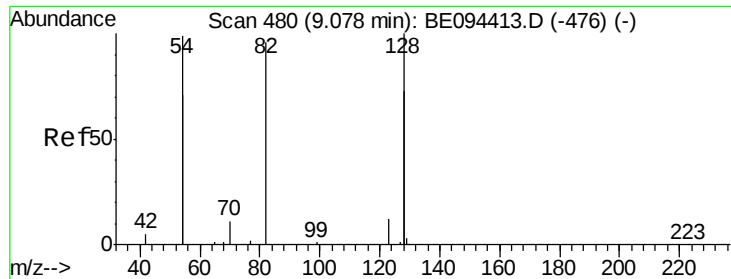
0

10.60

10.70

10.80





#8

Nitrobenzene-d5

Concen: 0.420 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

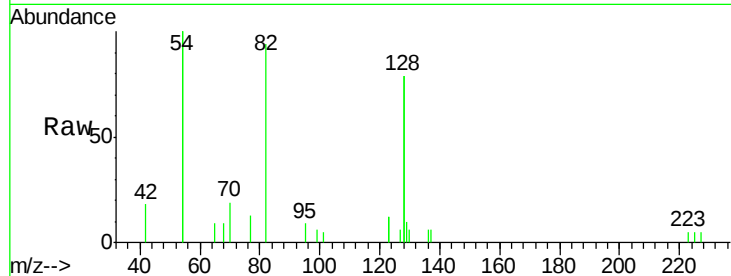
Tgt Ion: 82 Resp: 2408

Ion Ratio Lower Upper

82 100

128 168.7 150.0 225.0

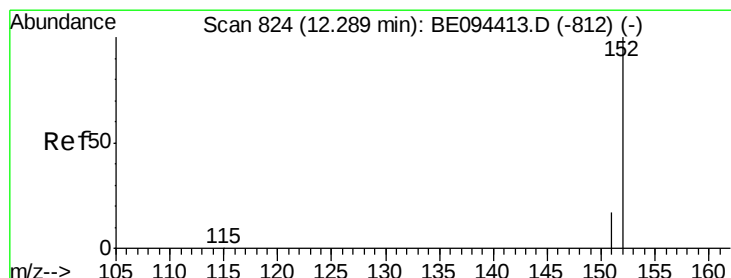
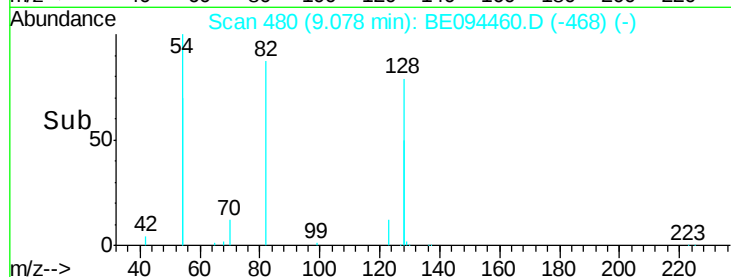
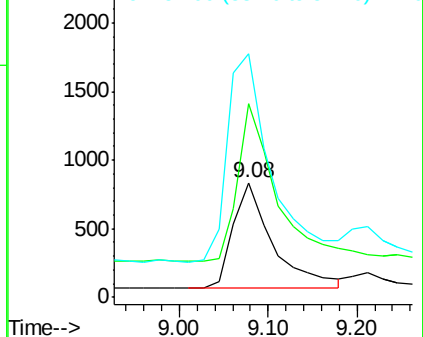
54 212.2 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094413.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE094413.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE094413.D (-476) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.455 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE094460.D

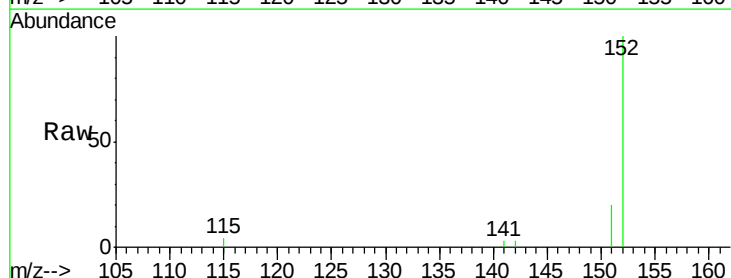
Acq: 19 Oct 2017 23:56

Tgt Ion: 152 Resp: 4629

Ion Ratio Lower Upper

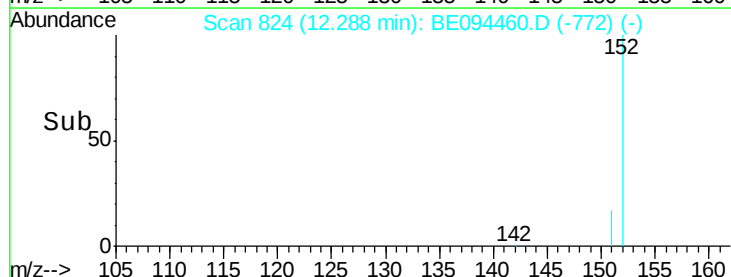
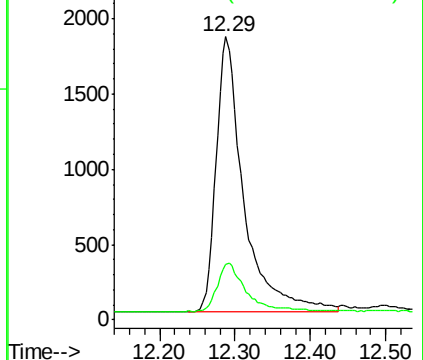
152 100

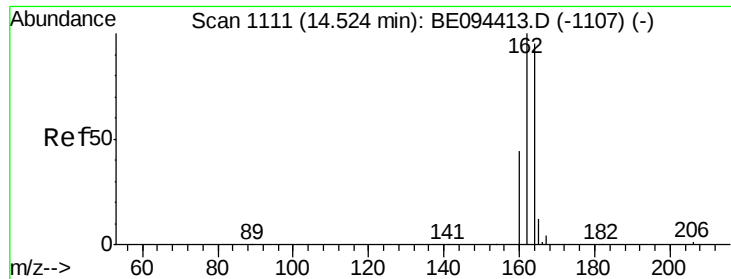
151 18.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094413.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE094413.D (-812) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

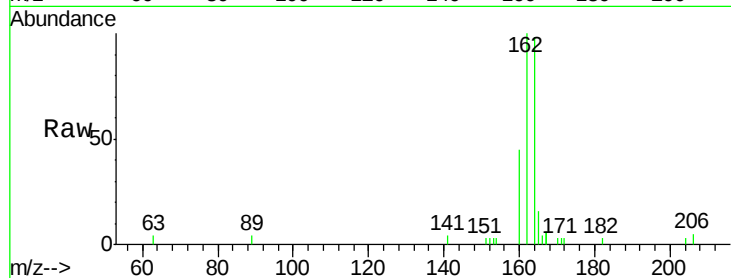
Tgt Ion:164 Resp: 4096

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

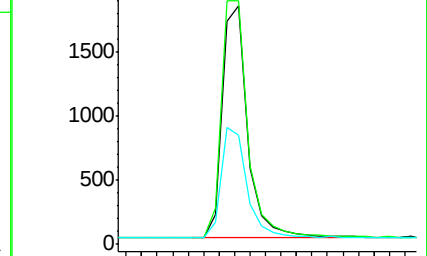
160 46.0 37.1 55.7



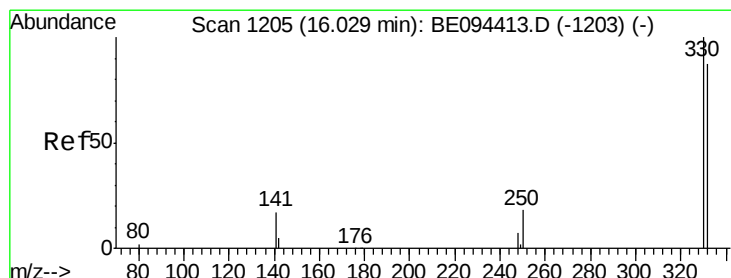
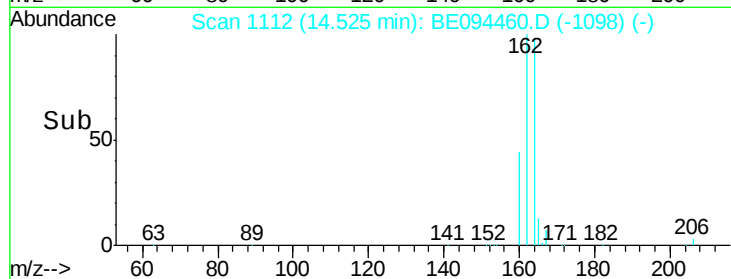
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.147 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

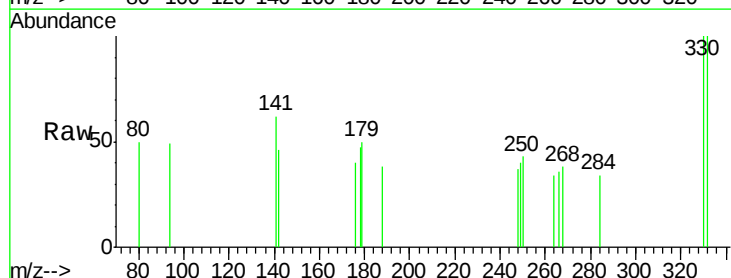
Tgt Ion:330 Resp: 229

Ion Ratio Lower Upper

330 100

332 104.4 152.7 229.1#

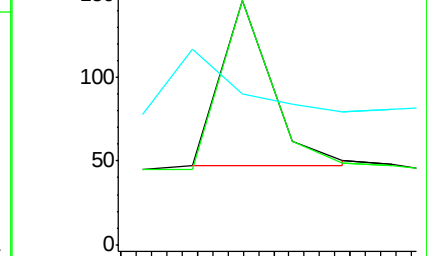
141 0.0 33.7 50.5#



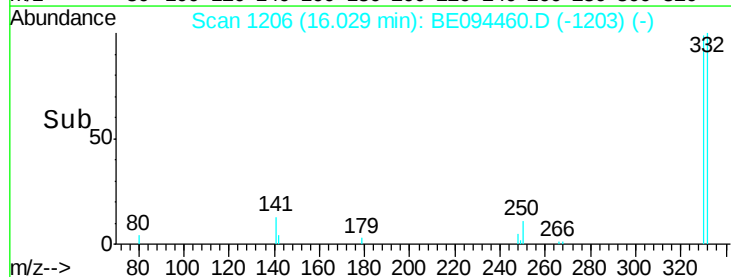
Abundance Ion 330.00 (329.70 to 330.70): E

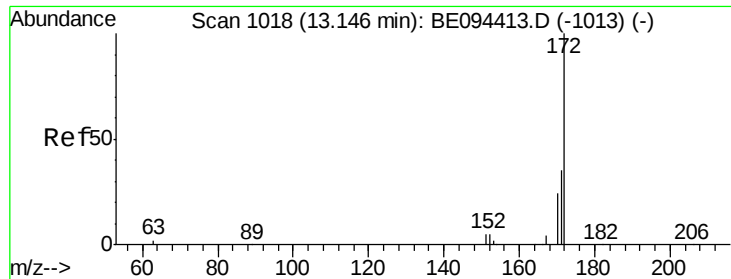
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

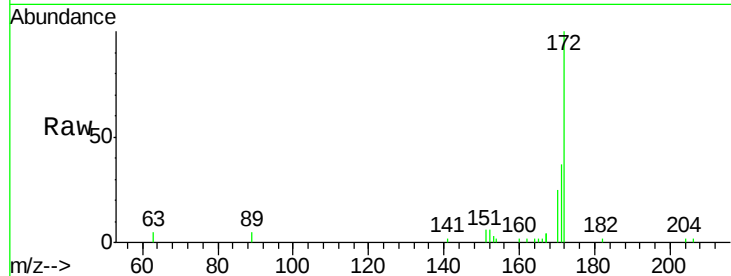




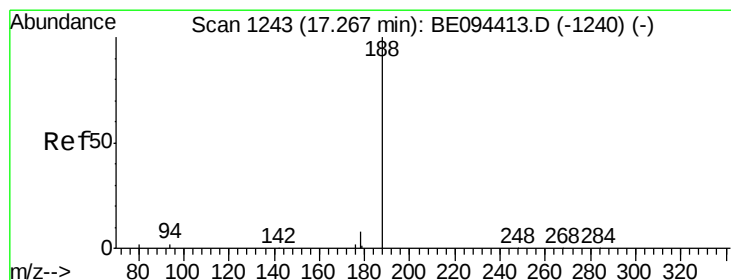
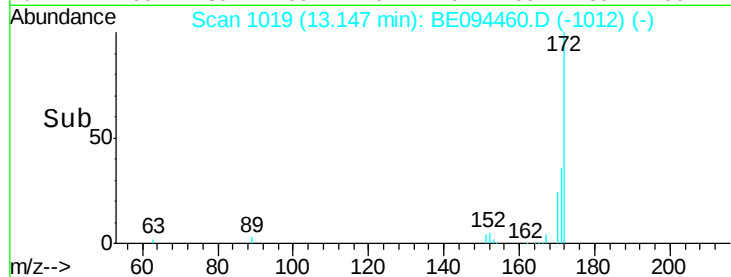
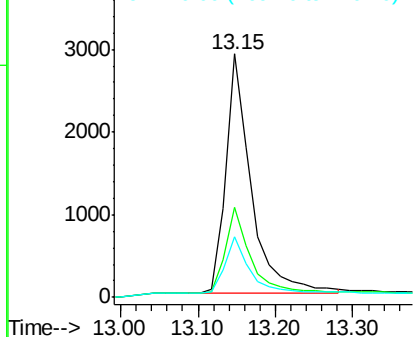
#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Instrument :
BNA_E
ClientSampleId :
3915-PA4

Tgt Ion:172 Resp: 6589
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 25.0 21.8 32.8

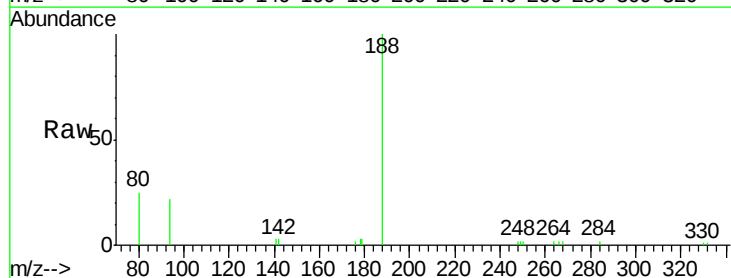


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

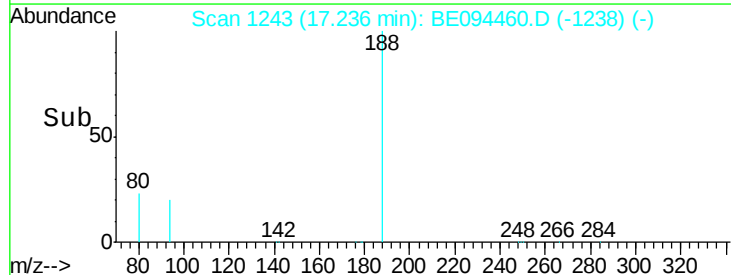
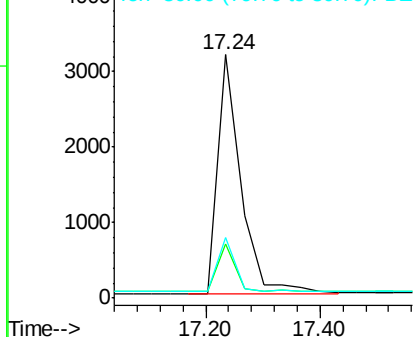


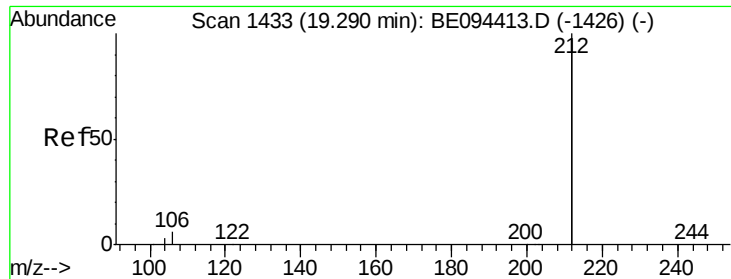
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:188 Resp: 8860
Ion Ratio Lower Upper
188 100
94 22.4 3.9 5.9#
80 24.9 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

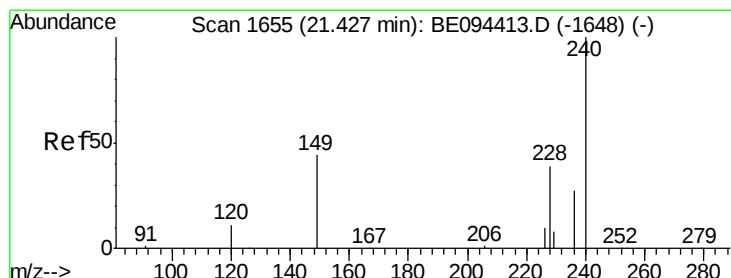
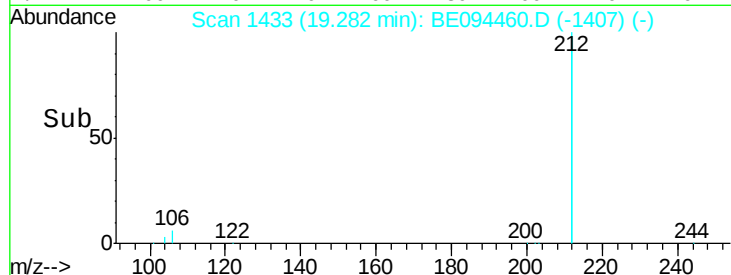
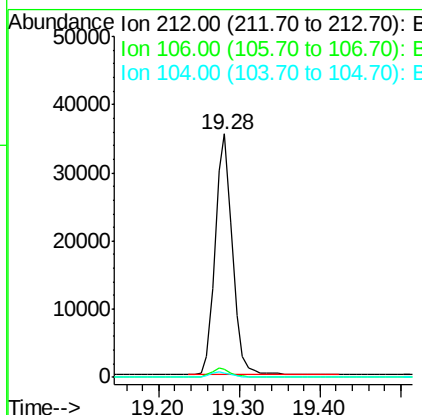
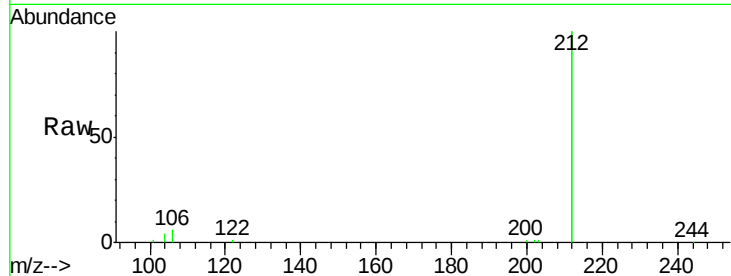




#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

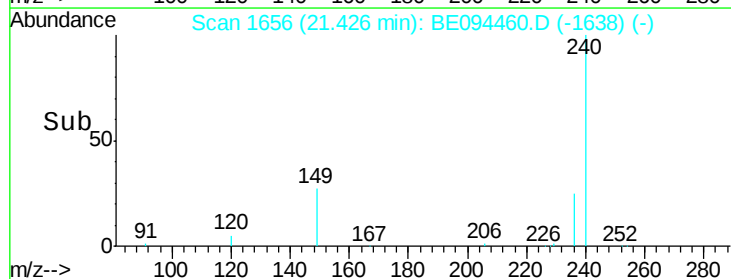
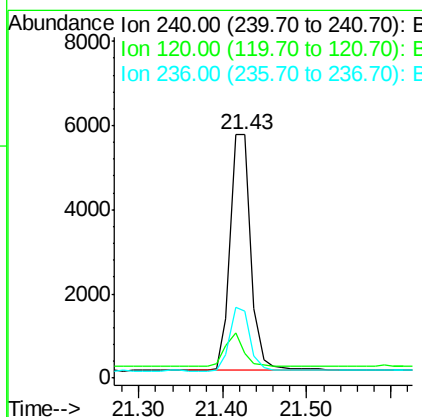
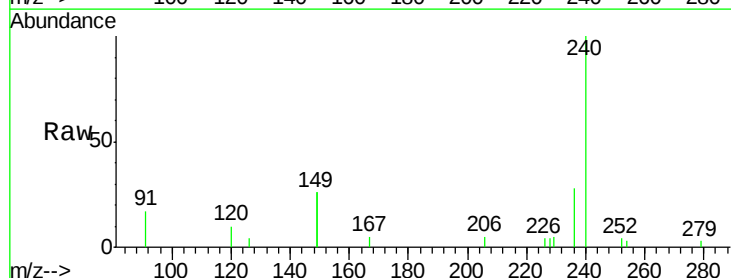
Instrument :
 BNA_E
 ClientSampleId :
 3915-PA4

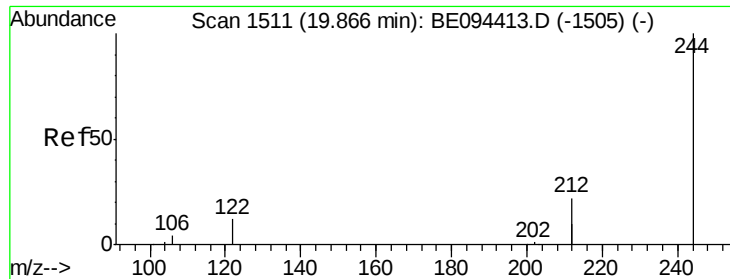
Tgt Ion:212 Resp: 52589
 Ion Ratio Lower Upper
 212 100
 106 3.7 2.8 4.2
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE094460.D
 Acq: 19 Oct 2017 23:56

Tgt Ion:240 Resp: 9709
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.5 8.3#
 236 27.6 20.7 31.1





#29

Terphenyl-d14

Concen: 0.641 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

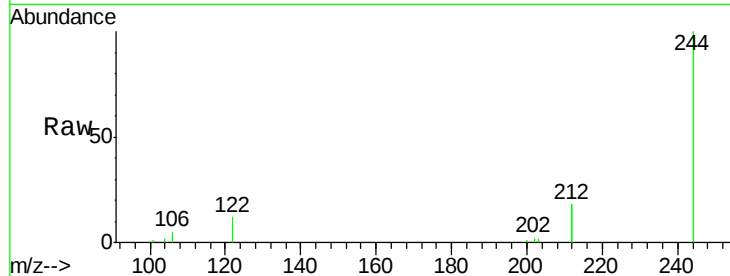
Tgt Ion:244 Resp: 12563

Ion Ratio Lower Upper

244 100

212 35.1 25.4 38.0

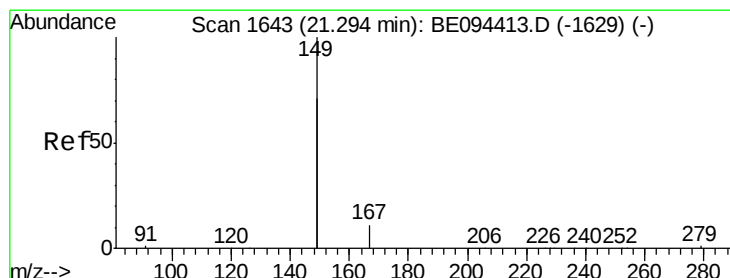
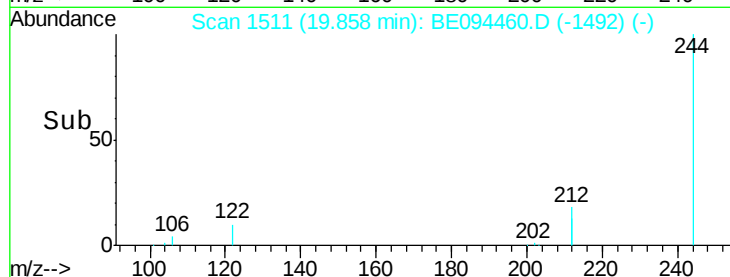
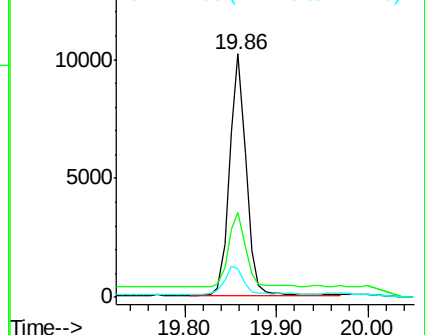
122 11.5 8.1 12.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

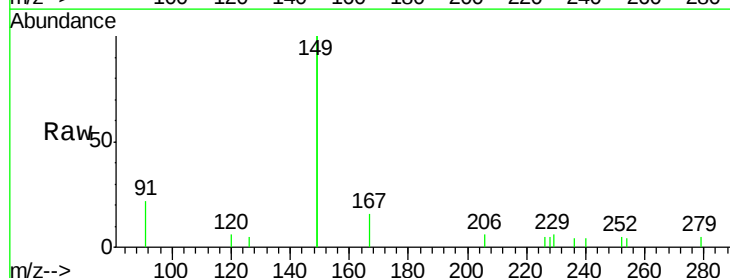
Tgt Ion:149 Resp: 7495

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

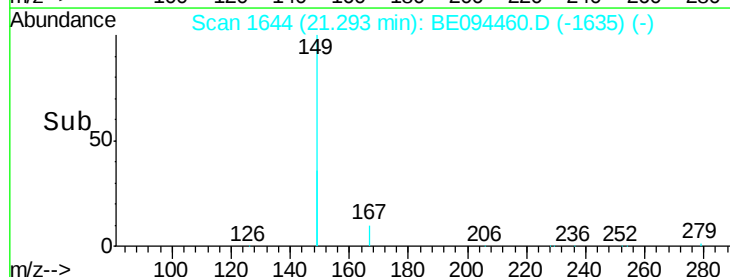
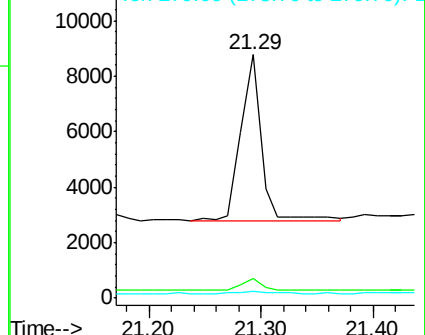
279 1.2 0.7 1.1#

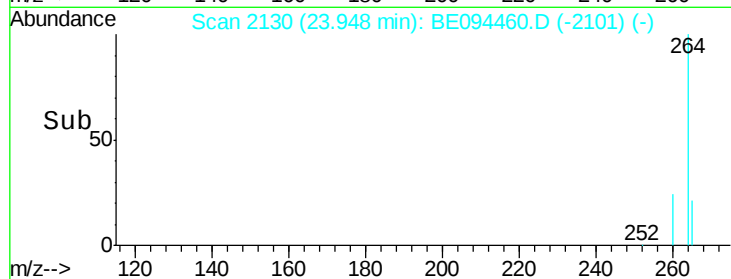
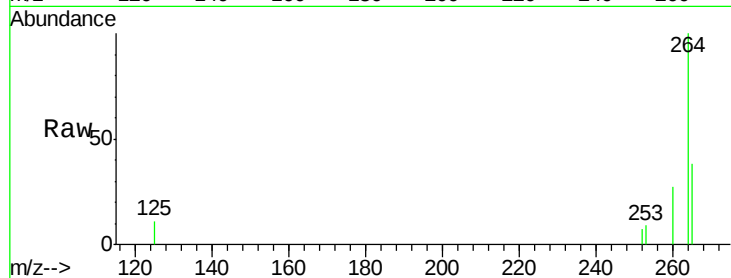
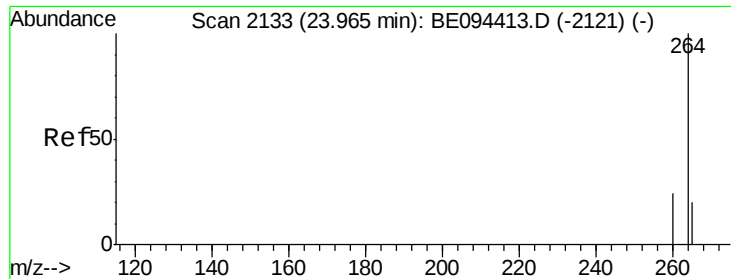


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BE094460.D

Acq: 19 Oct 2017 23:56

Instrument :

BNA_E

ClientSampleId :

3915-PA4

Tgt Ion: 264 Resp: 9359

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

265 38.0 22.8 34.2#

