

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094651.D
 Acq On : 30 Oct 2017 20:05
 Operator : SJ/JU
 Sample : I6036-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 31 01:16:39 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	7.90	152	1243	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7091	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4181	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	8315	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9098	0.40	ng	0.00
34) Perylene-d12	23.97	264	8489	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.54	112	716	0.17	ng	0.01
5) Phenol-d6	7.14	99	678	0.11	ng	0.00
8) Nitrobenzene-d5	9.09	82	2272	0.40	ng	0.02
11) 2-Methylnaphthalene-d10	12.28	152	4832	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	526	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	6687	0.45	ng	-0.01
25) Fluoranthene-d10	19.28	212	48216	0.49	ng	0.00
29) Terphenyl-d14	19.86	244	8327	0.49	ng	0.00

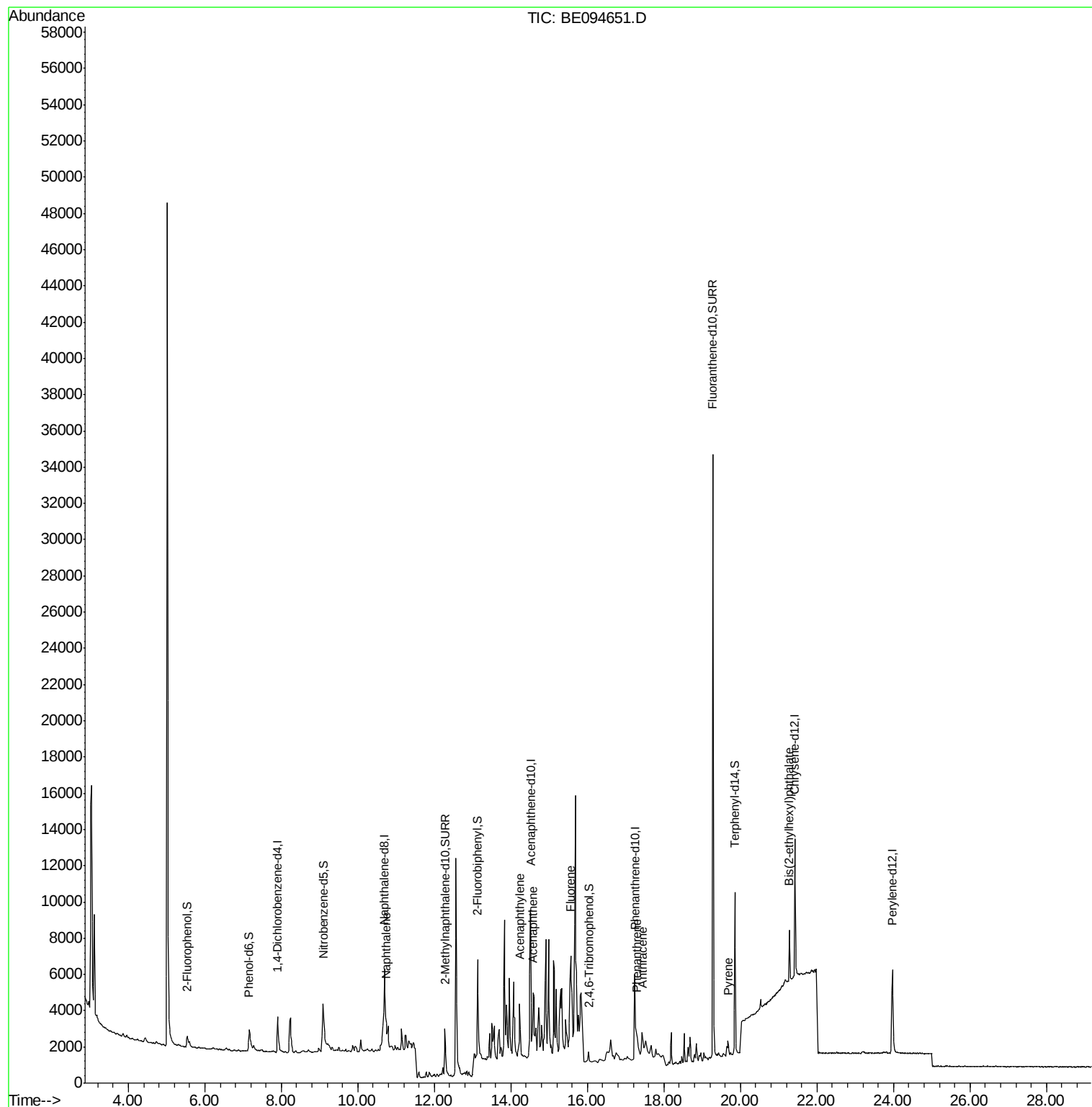
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.74	128	3211	0.04	ng	# 76
16) Acenaphthylene	14.23	152	533	0.02	ng	# 6
17) Acenaphthene	14.57	154	1309	0.09	ng	# 67
18) Fluorene	15.56	166	3060	0.17	ng	# 36
23) Phenanthrene	17.30	178	3647	0.12	ng	# 61
24) Anthracene	17.43	178	1076	0.04	ng	# 1
26) Fluoranthene	19.31	202	348	Below Cal		# 86
28) Pyrene	19.67	202	849	0.03	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.28	149	3841	0.05	ng	# 99

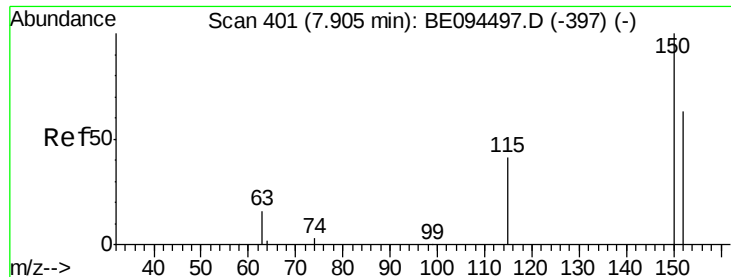
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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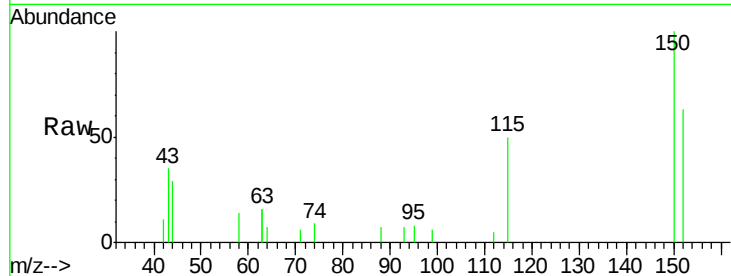


#1

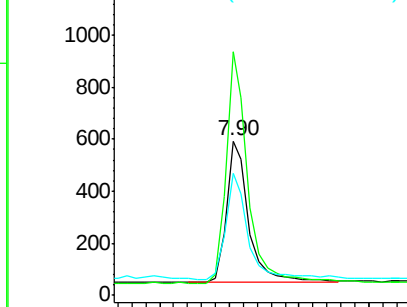
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094651.D
Acq: 30 Oct 2017 20:05

Instrument :
BNA_E
ClientSampleId :

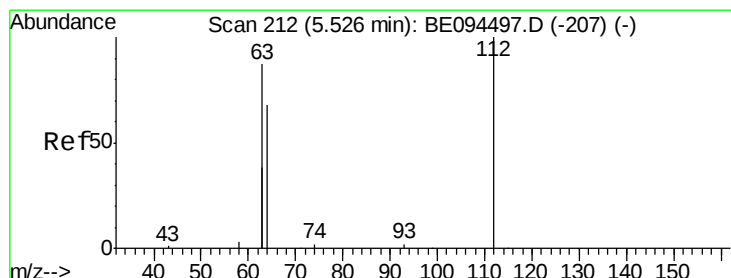
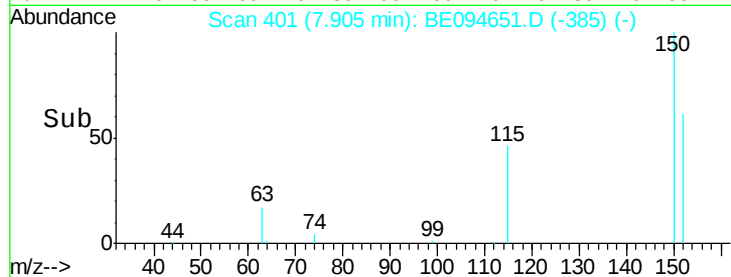
Tot Ion:152 Resp: 1243
Ion Ratio Lower Upper
152 100
150 157.6 117.2 175.8
115 79.3 57.0 85.6



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



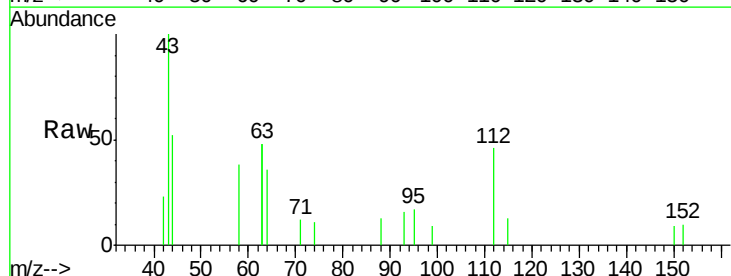
Time-->



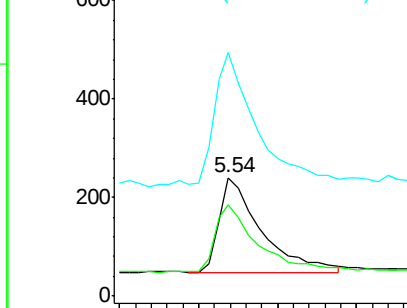
#4

2-Fluorophenol
Concen: 0.17 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE094651.D
Acq: 30 Oct 2017 20:05

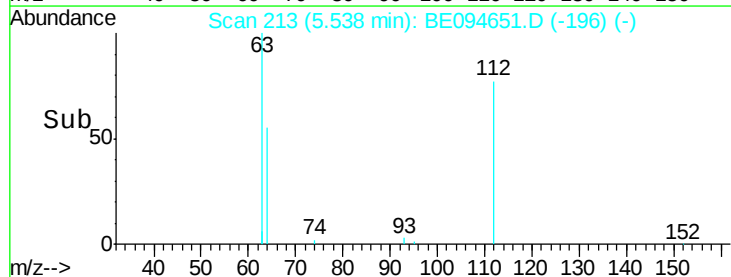
Tgt Ion:112 Resp: 716
Ion Ratio Lower Upper
112 100
64 72.2 60.1 90.1
63 147.2 116.8 175.2

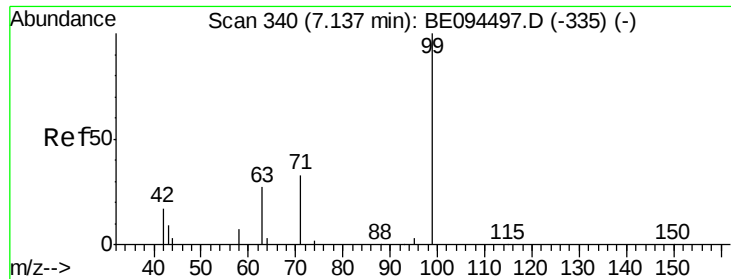


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.14 min Scan# 340

Delta R.T. -0.00 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

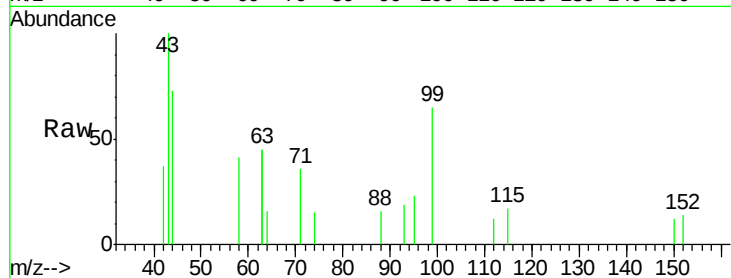
Tot Ion: 99 Resp: 678

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

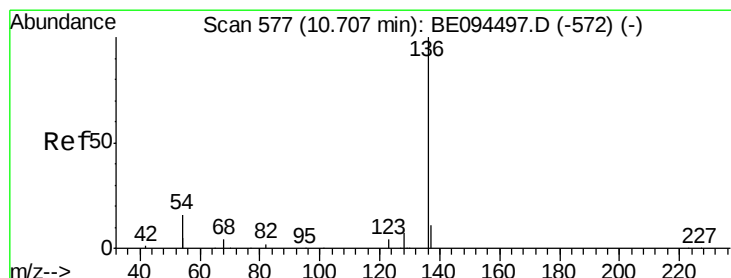
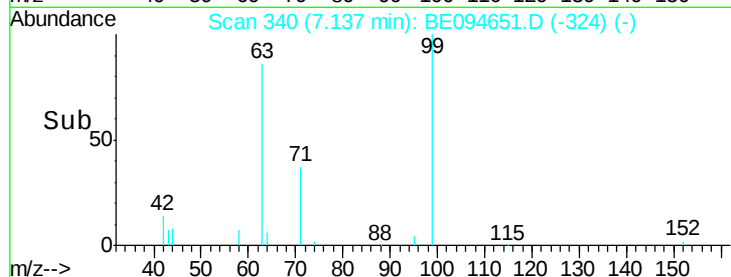
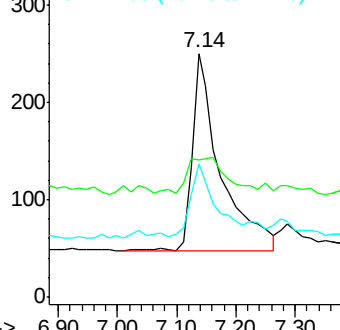
71 37.0 28.4 42.6



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: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Tgt Ion: 136 Resp: 7091

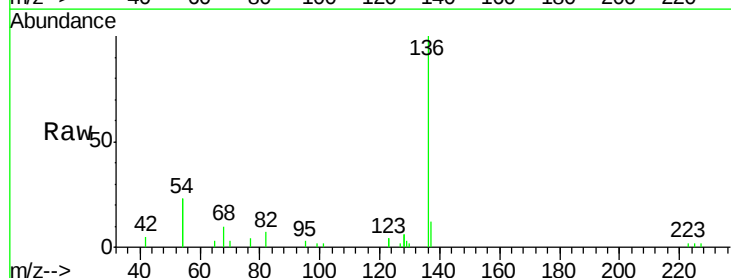
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 45.4 29.1 43.7#

68 9.6 6.2 9.2#

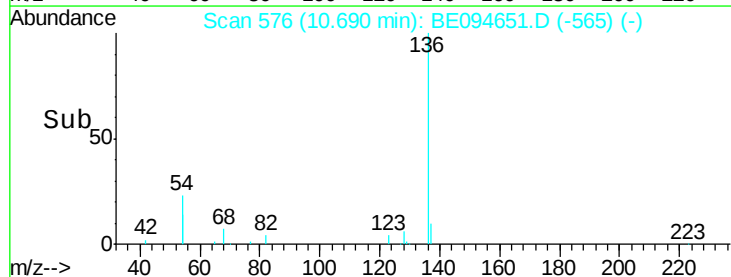
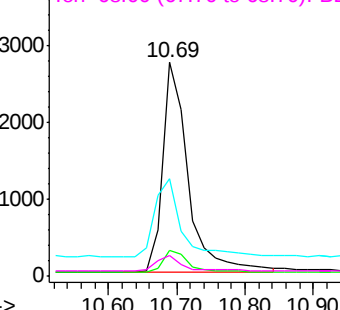


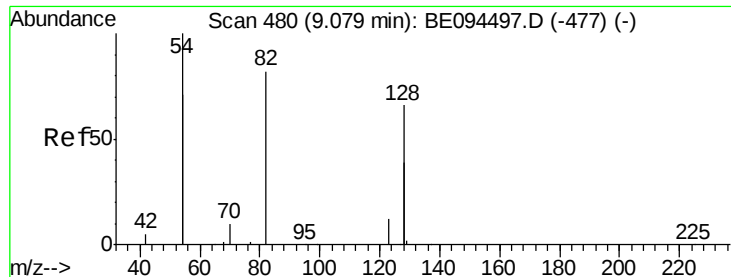
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.40 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

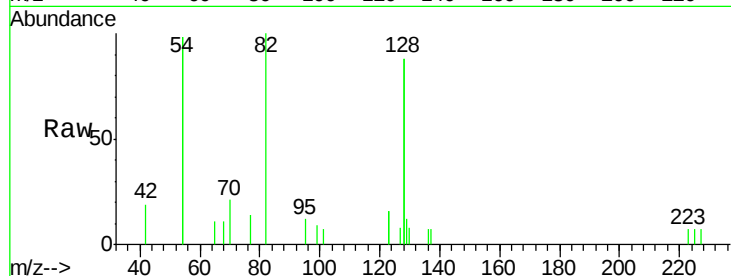
Tot Ion: 82 Resp: 2272

Ion Ratio Lower Upper

82 100

128 175.3 150.0 225.0

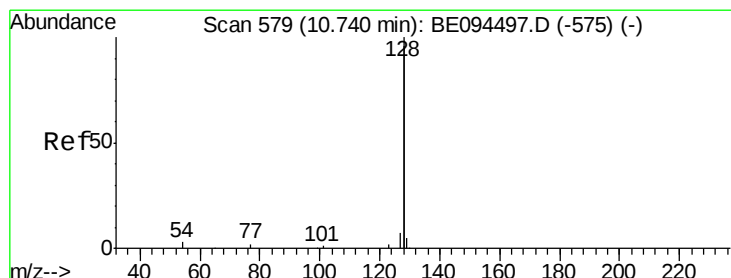
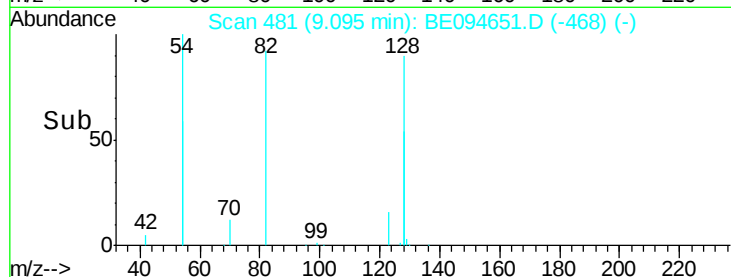
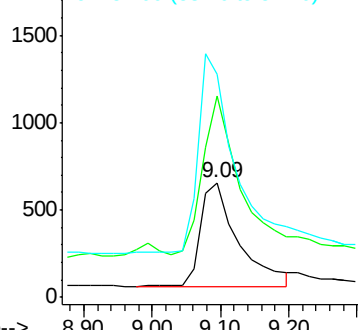
54 195.1 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094497.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE094497.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE094497.D (-477) (-)



#9

Naphthalene

Concen: 0.04 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

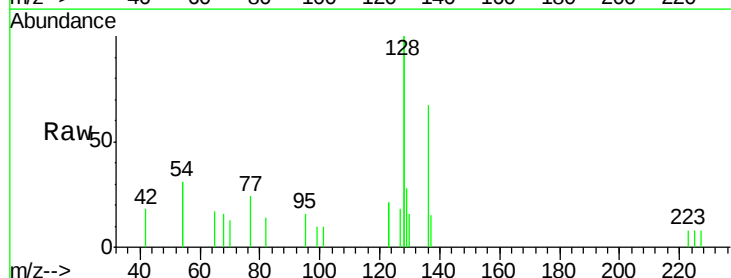
Tgt Ion: 128 Resp: 3211

Ion Ratio Lower Upper

128 100

129 13.8 2.6 3.8#

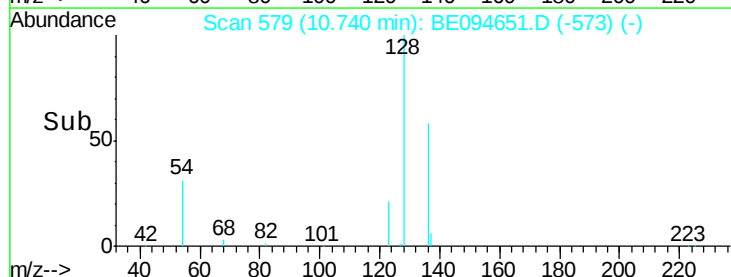
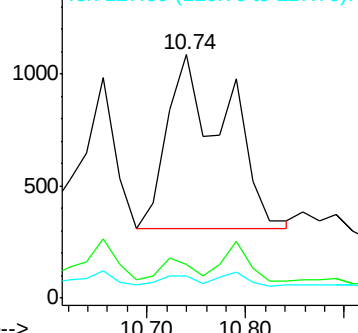
127 8.9 2.8 4.2#

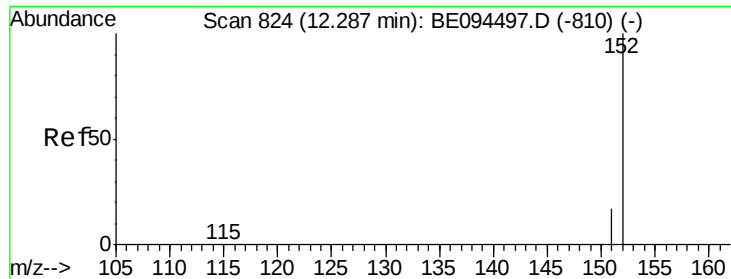


Abundance Ion 128.00 (127.70 to 128.70): BE094497.D (-575) (-)

Ion 129.00 (128.70 to 129.70): BE094497.D (-575) (-)

Ion 127.00 (126.70 to 127.70): BE094497.D (-575) (-)

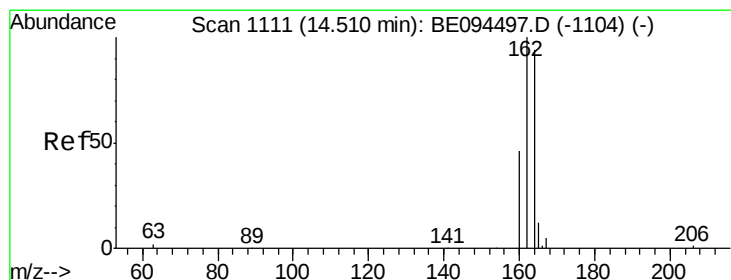
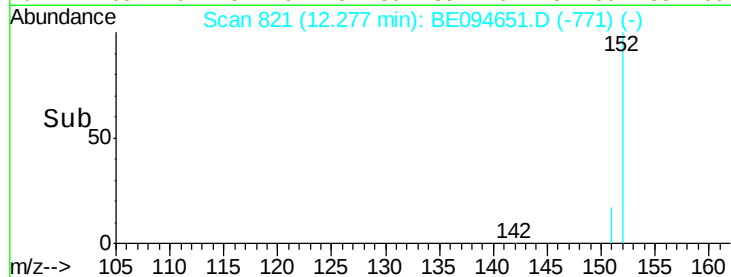
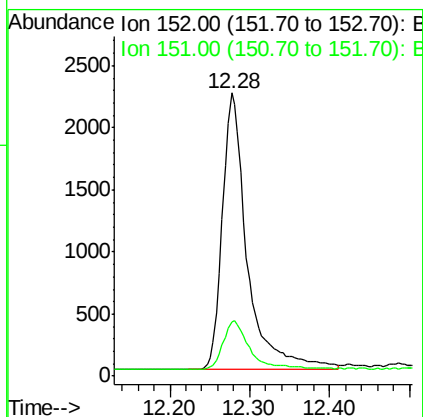
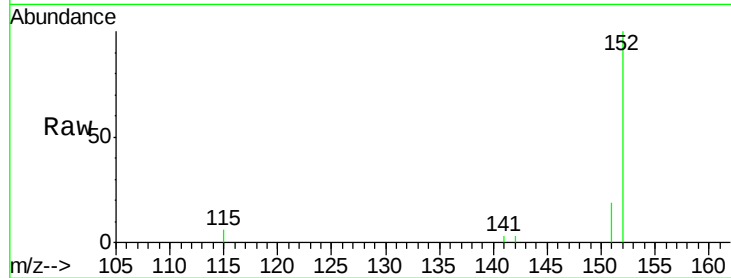




#11
 2-Methylnaphthalene-d10
 Concen: 0.42 ng
 RT: 12.28 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BE094651.D
 Acq: 30 Oct 2017 20:05

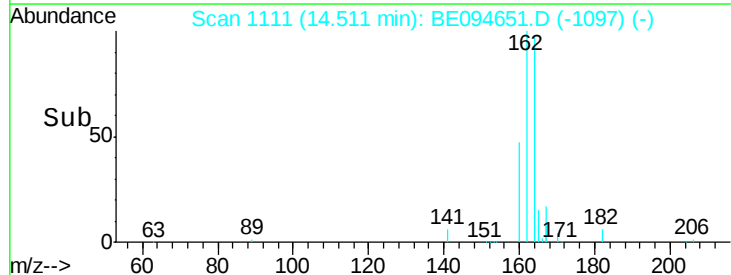
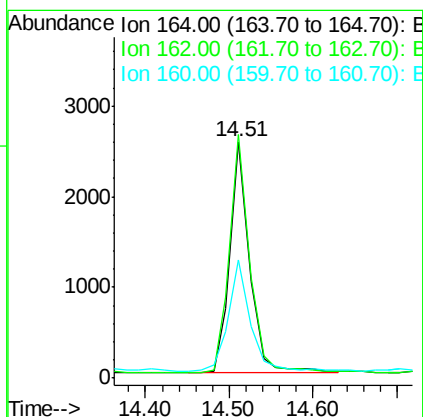
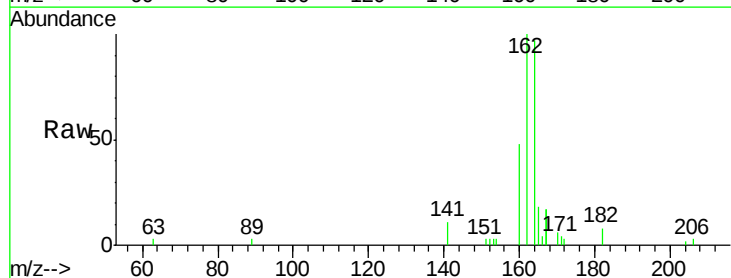
Instrument :
 BNA_E
 ClientSampled :

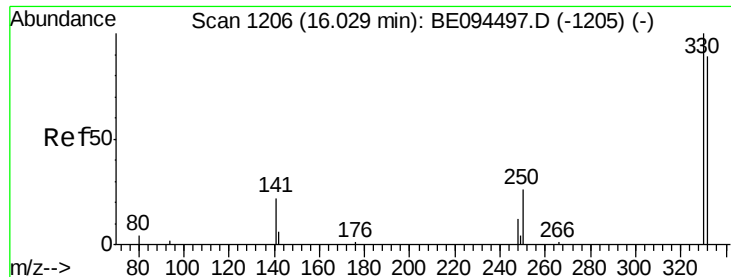
Tot Ion:152 Resp: 4832
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094651.D
 Acq: 30 Oct 2017 20:05

Tgt Ion:164 Resp: 4181
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.1 124.7
 160 49.8 37.1 55.7

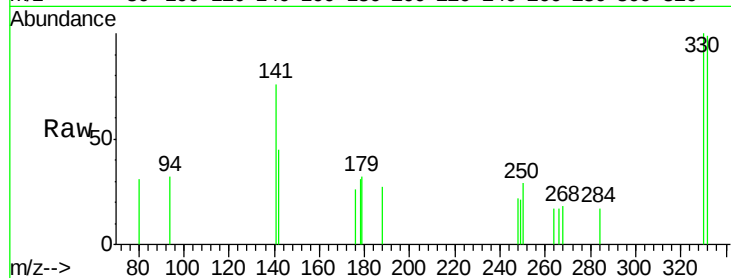




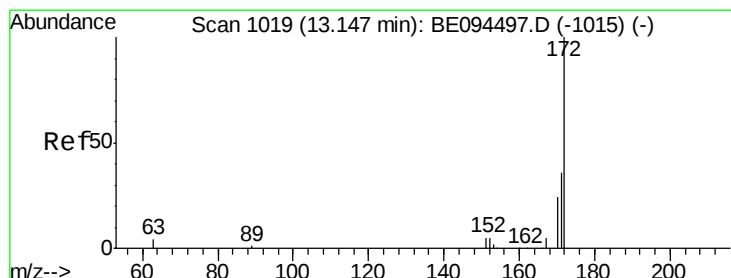
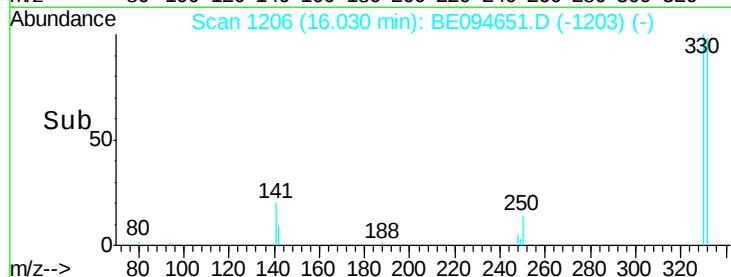
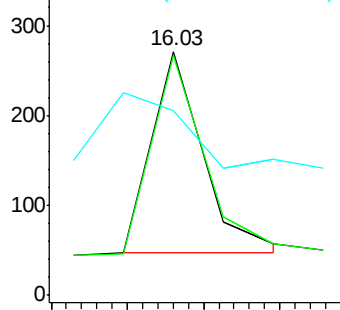
#14
 2,4,6-Tribromophenol
 Concen: 0.46 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094651.D
 Acq: 30 Oct 2017 20:05

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 526
 Ion Ratio Lower Upper
 330 100
 332 101.5 152.7 229.1#
 141 0.0 33.7 50.5#

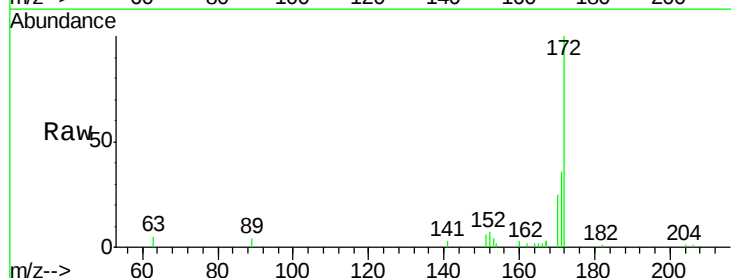


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

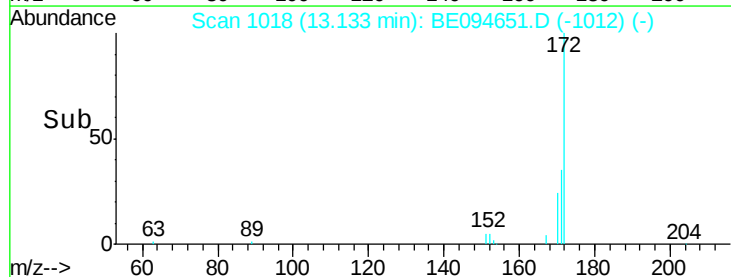
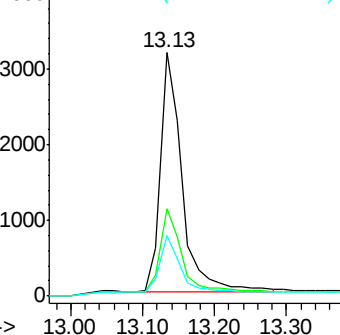


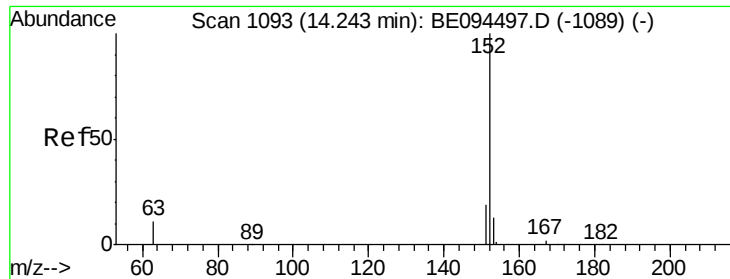
#15
 2-Fluorobiphenyl
 Concen: 0.45 ng
 RT: 13.13 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE094651.D
 Acq: 30 Oct 2017 20:05

Tgt Ion:172 Resp: 6687
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.9 44.9
 170 24.7 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





#16

Acenaphthylene

Concen: 0.02 ng

RT: 14.23 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampled :

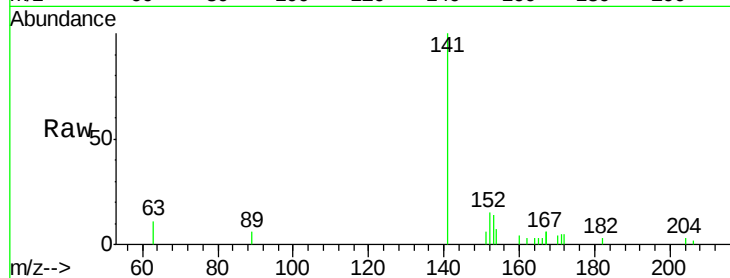
Tot Ion:152 Resp: 533

Ion Ratio Lower Upper

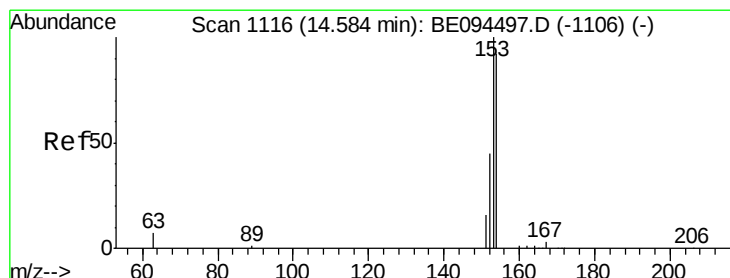
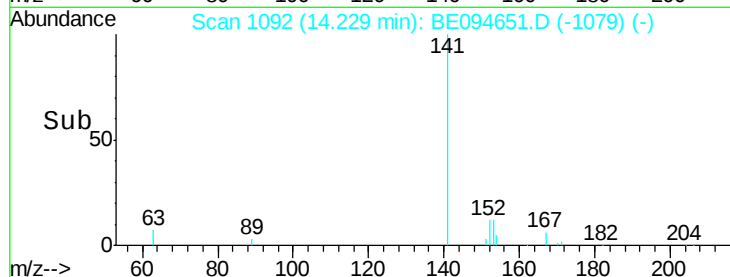
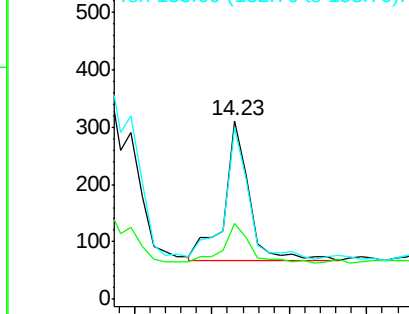
152 100

151 29.6 15.7 23.5#

153 93.8 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.09 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

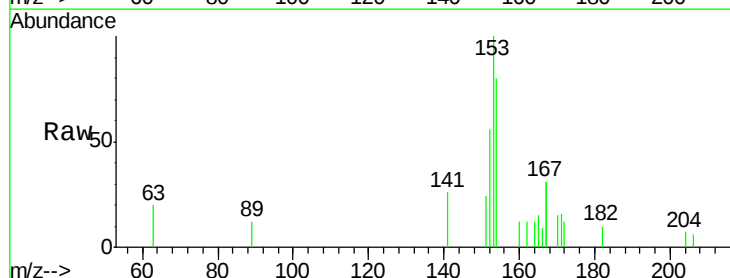
Tgt Ion:154 Resp: 1309

Ion Ratio Lower Upper

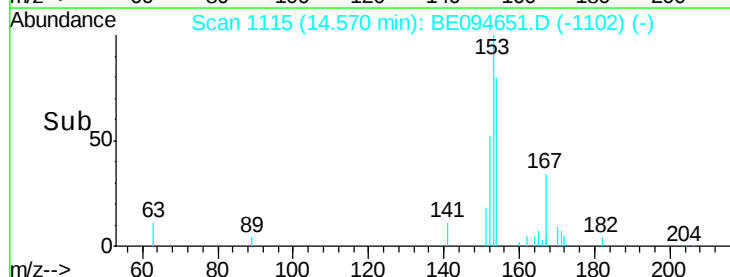
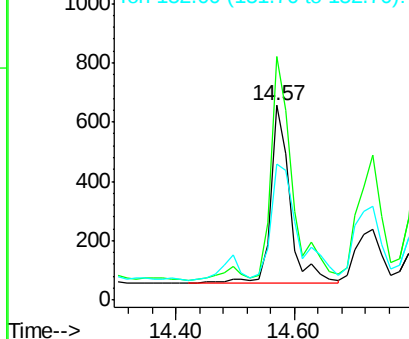
154 100

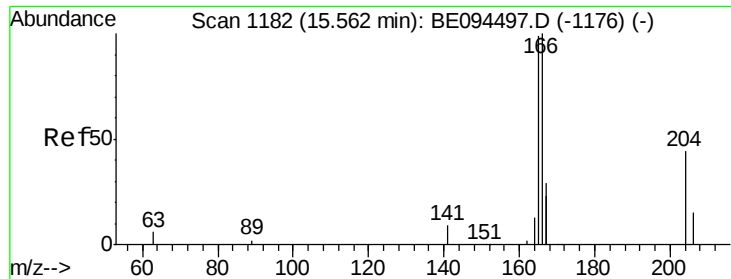
153 136.6 89.2 133.8#

152 90.5 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.17 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

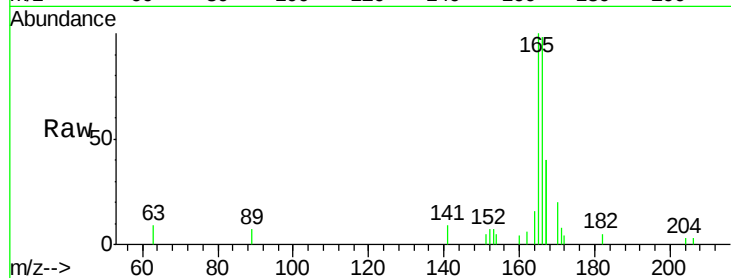
Tot Ion:166 Resp: 3060

Ion Ratio Lower Upper

166 100

165 112.9 77.8 116.6

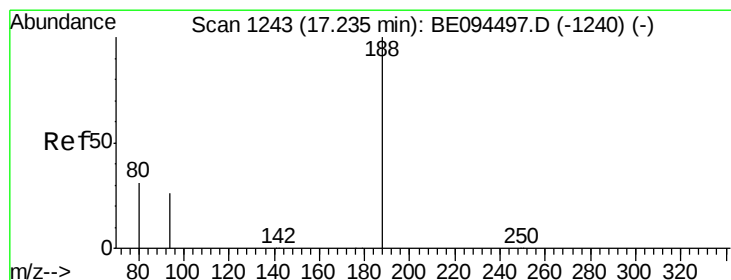
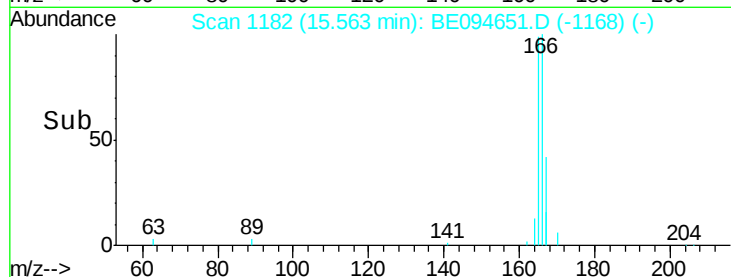
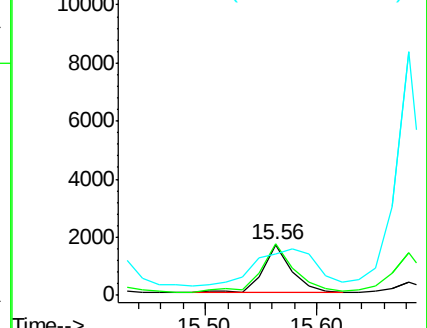
167 161.4 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

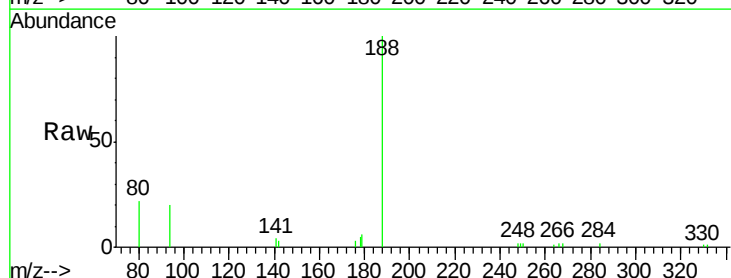
Tgt Ion:188 Resp: 8315

Ion Ratio Lower Upper

188 100

94 20.2 3.9 5.9#

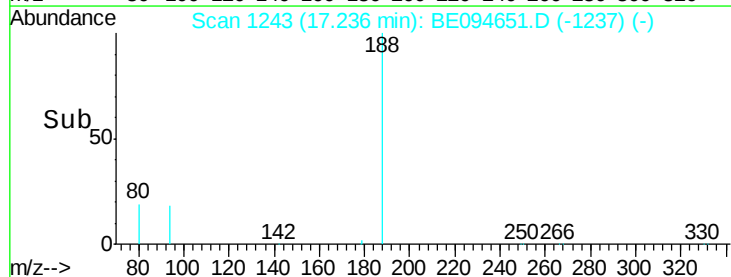
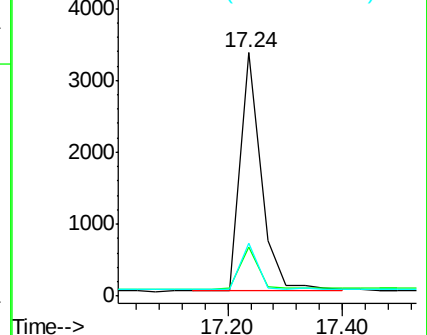
80 21.7 3.6 5.4#

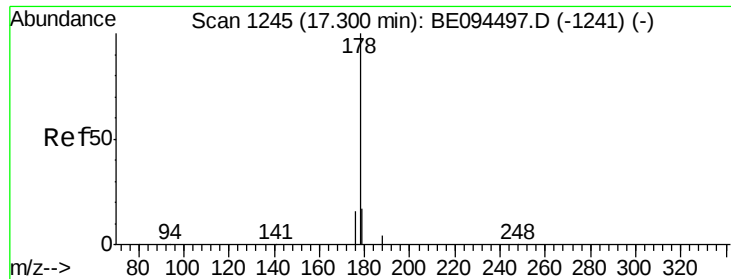


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.12 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampled :

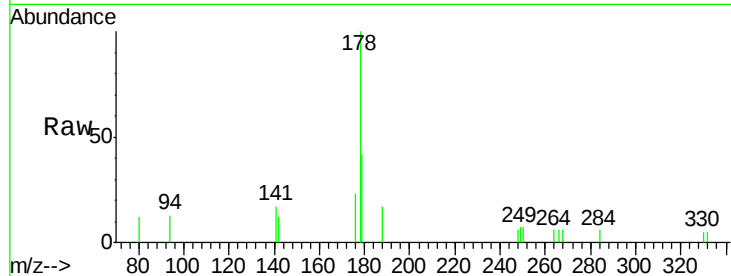
Tot Ion:178 Resp: 3647

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

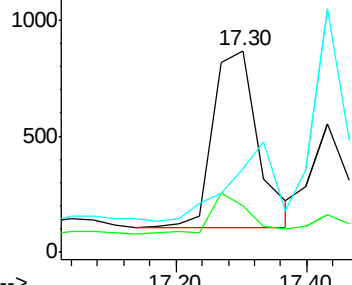
179 0.0 11.8 17.6#



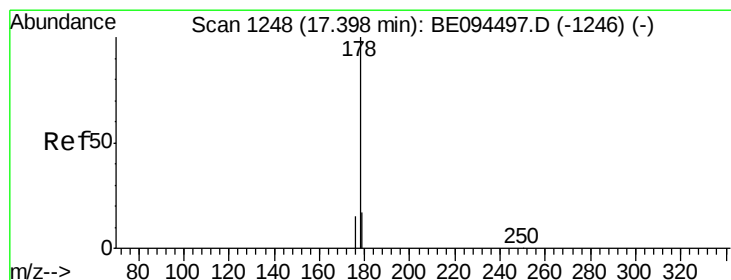
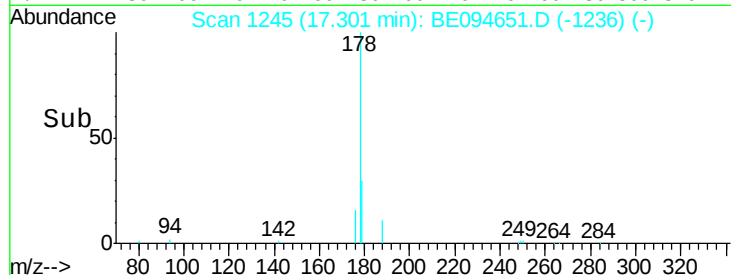
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.04 ng

RT: 17.43 min Scan# 1249

Delta R.T. 0.03 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

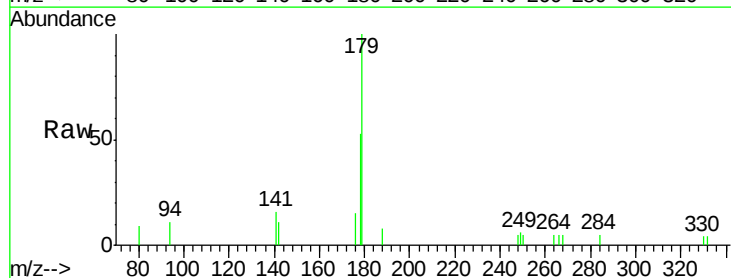
Tgt Ion:178 Resp: 1076

Ion Ratio Lower Upper

178 100

176 29.5 12.8 19.2#

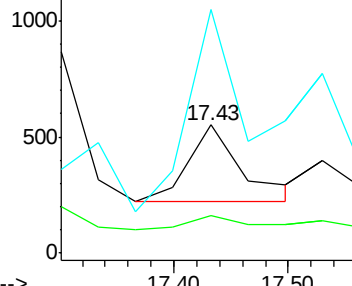
179 658.2 13.0 19.6#



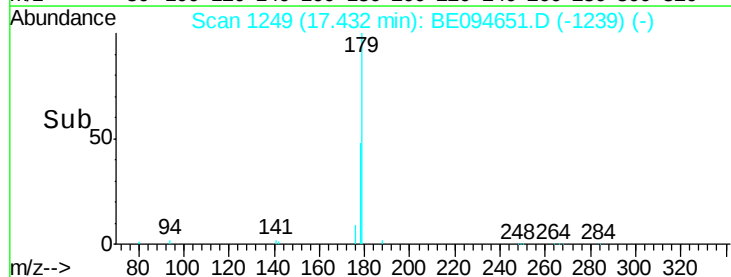
Abundance Ion 178.00 (177.70 to 178.70): E

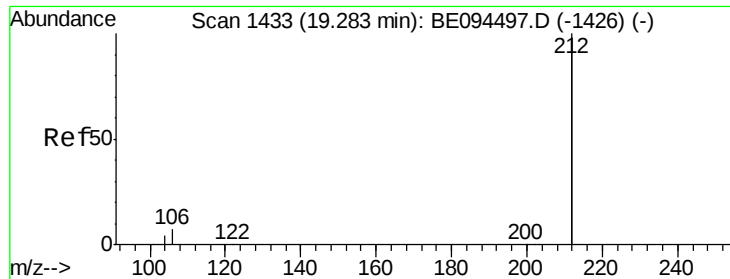
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

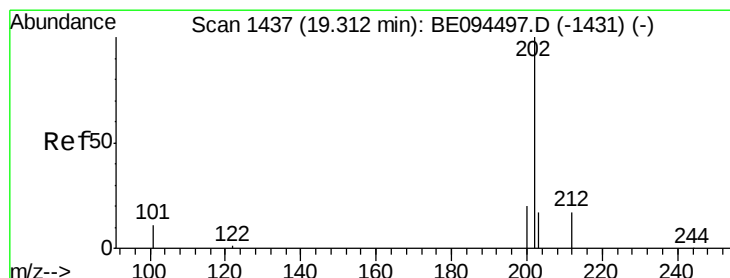
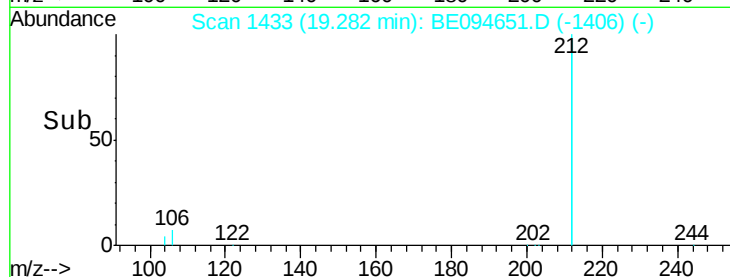
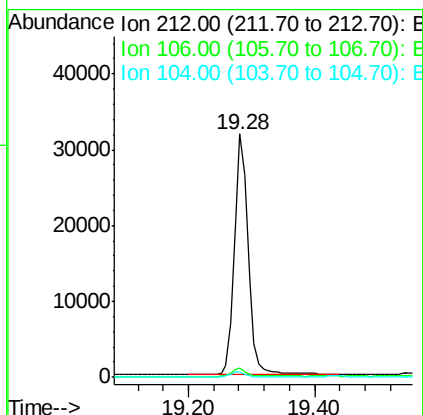
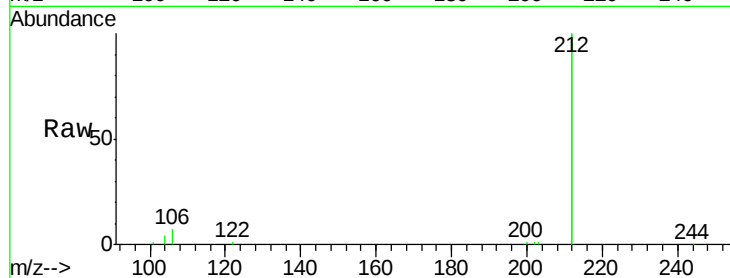




#25
 Fluoranthene-d10
 Concen: 0.49 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE094651.D
 Acq: 30 Oct 2017 20:05

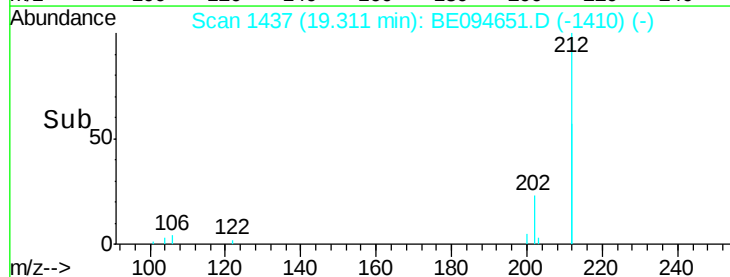
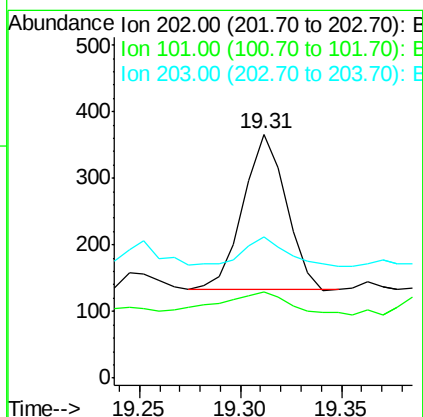
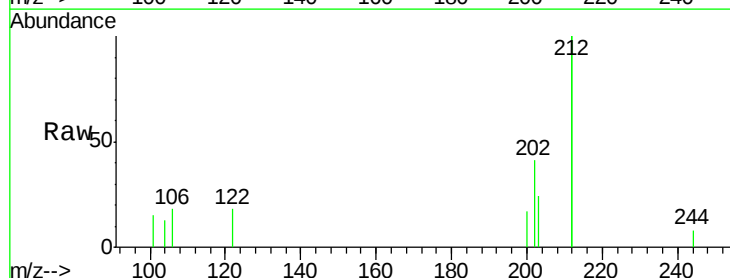
Instrument :
 BNA_E
 ClientSampleId :

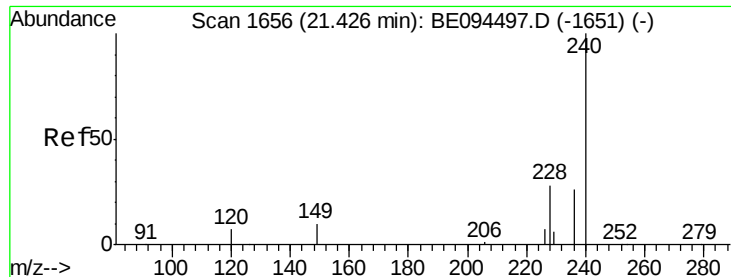
Tot Ion:212 Resp: 48216
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: Below Cal
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE094651.D
 Acq: 30 Oct 2017 20:05

Tgt Ion:202 Resp: 348
 Ion Ratio Lower Upper
 202 100
 101 24.1 9.8 14.8#
 203 18.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

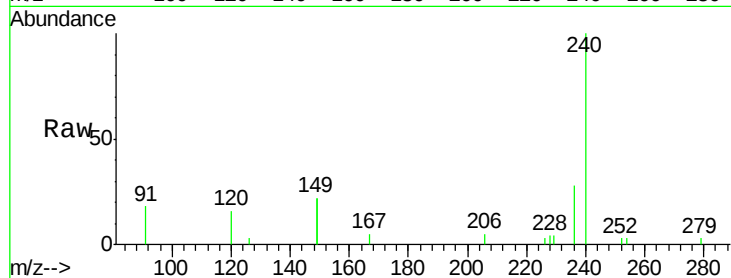
Tot Ion:240 Resp: 9098

Ion Ratio Lower Upper

240 100

120 16.1 5.5 8.3#

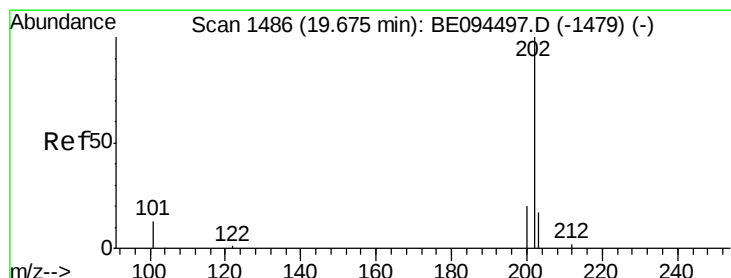
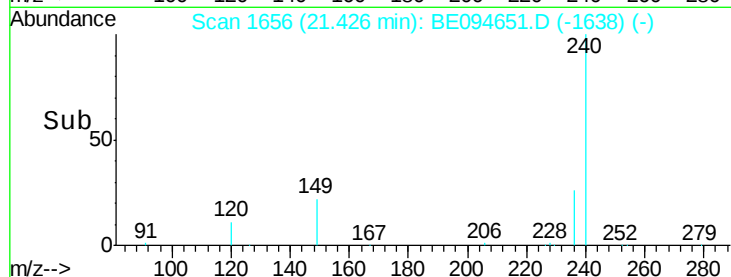
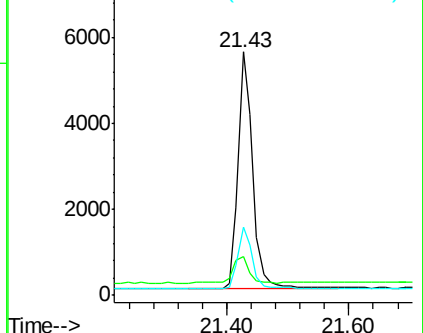
236 28.0 20.7 31.1



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



#28

Pyrene

Concen: 0.03 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

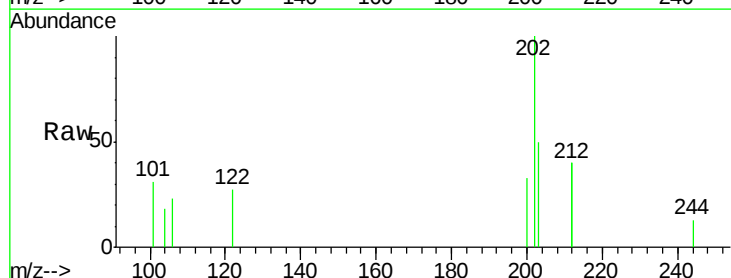
Tgt Ion:202 Resp: 849

Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

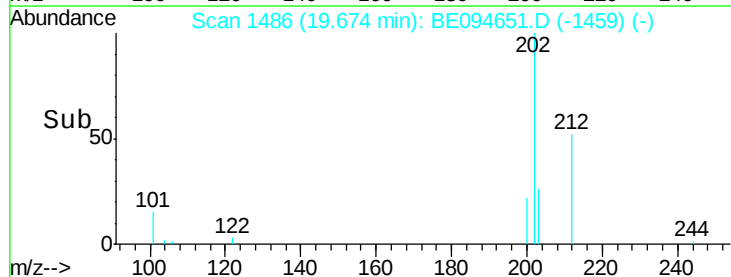
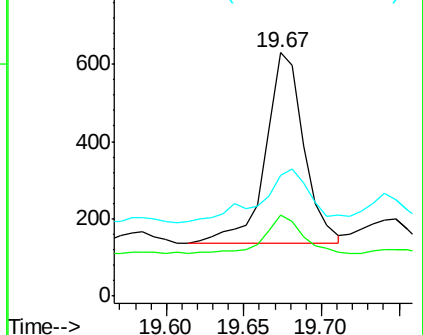
203 37.7 13.8 20.8#

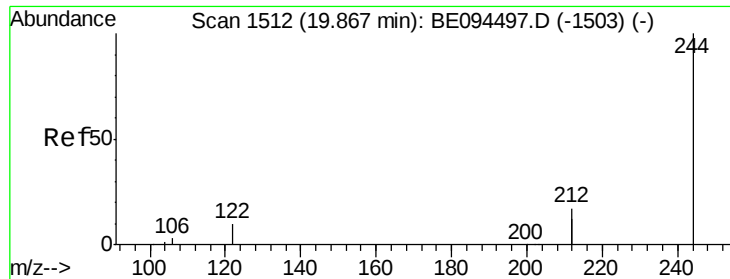


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.49 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

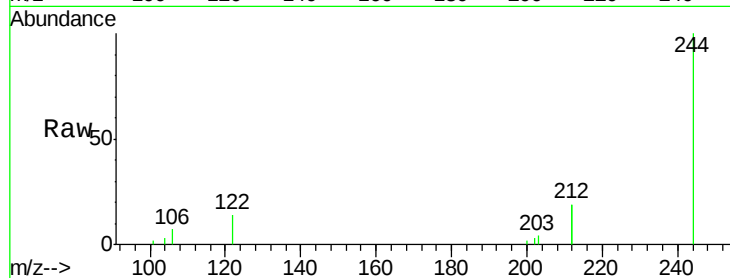
Tot Ion:244 Resp: 8327

Ion Ratio Lower Upper

244 100

212 38.9 25.4 38.0#

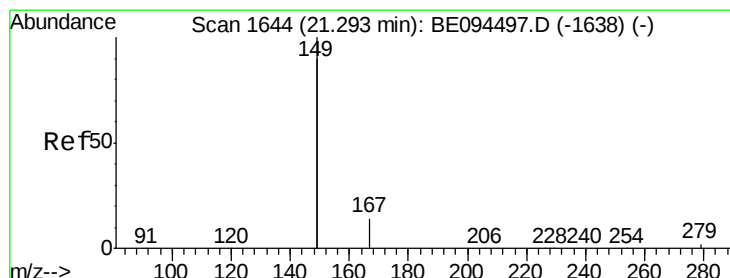
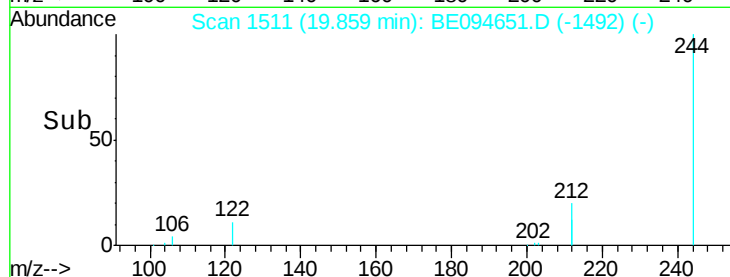
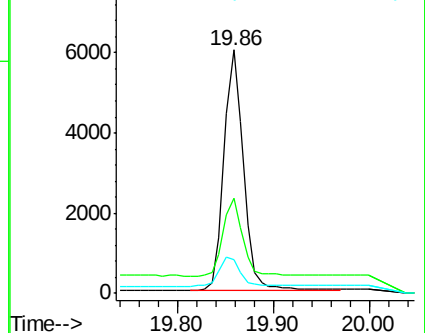
122 13.8 8.1 12.1#



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: 0.05 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

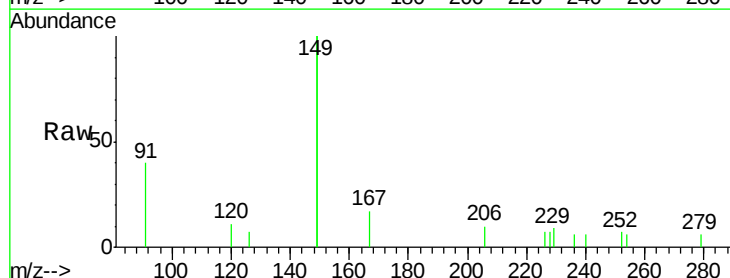
Tgt Ion:149 Resp: 3841

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

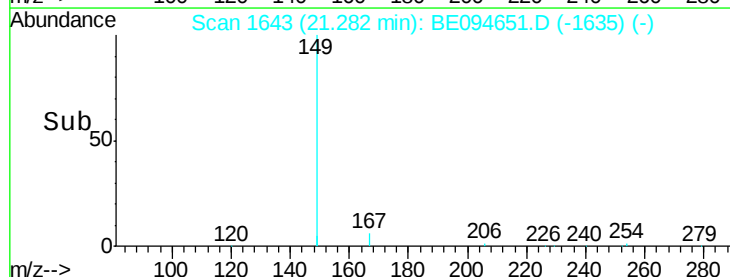
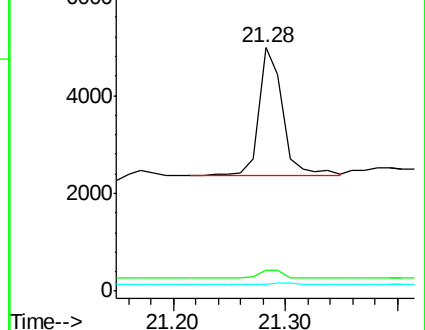
279 2.4 0.7 1.1#

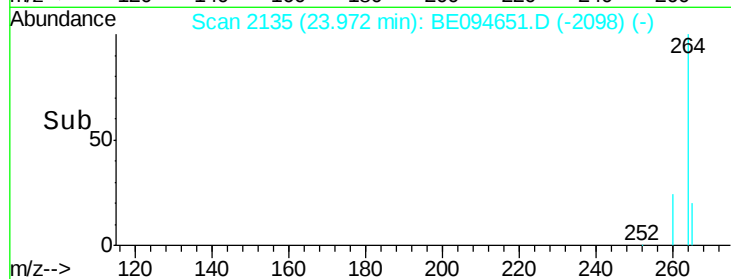
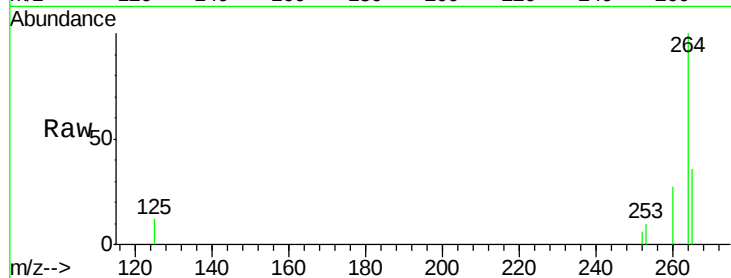
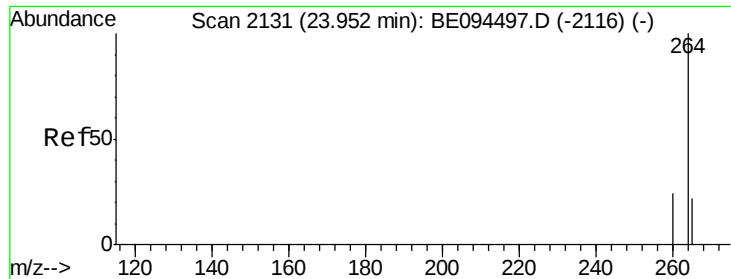


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.40 ng

RT: 23.97 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BE094651.D

Acq: 30 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 8489

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 35.6 22.8 34.2

