

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111617\
 Data File : BE094818.D
 Acq On : 15 Nov 2017 17:09
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 01:52:04 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	782	0.40	ng	0.01
7) Naphthalene-d8	10.72	136	4478	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	2875	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7074	0.40	ng	0.03
27) Chrysene-d12	21.44	240	9187	0.40	ng	0.01
34) Perylene-d12	23.98	264	8635	0.40	ng	0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.55	112	922	0.34	ng	0.02
5) Phenol-d6	7.20	99	1576	0.39	ng	0.06
8) Nitrobenzene-d5	8.94	82	81	0.02	ng	-0.14
11) 2-Methylnaphthalene-d10	12.31	152	2583	0.36	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	407	0.51	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	3514	0.35	ng	0.02
25) Fluoranthene-d10	19.30	212	36993	0.43	ng	0.01
29) Terphenyl-d14	19.87	244	6298	0.36	ng	0.00

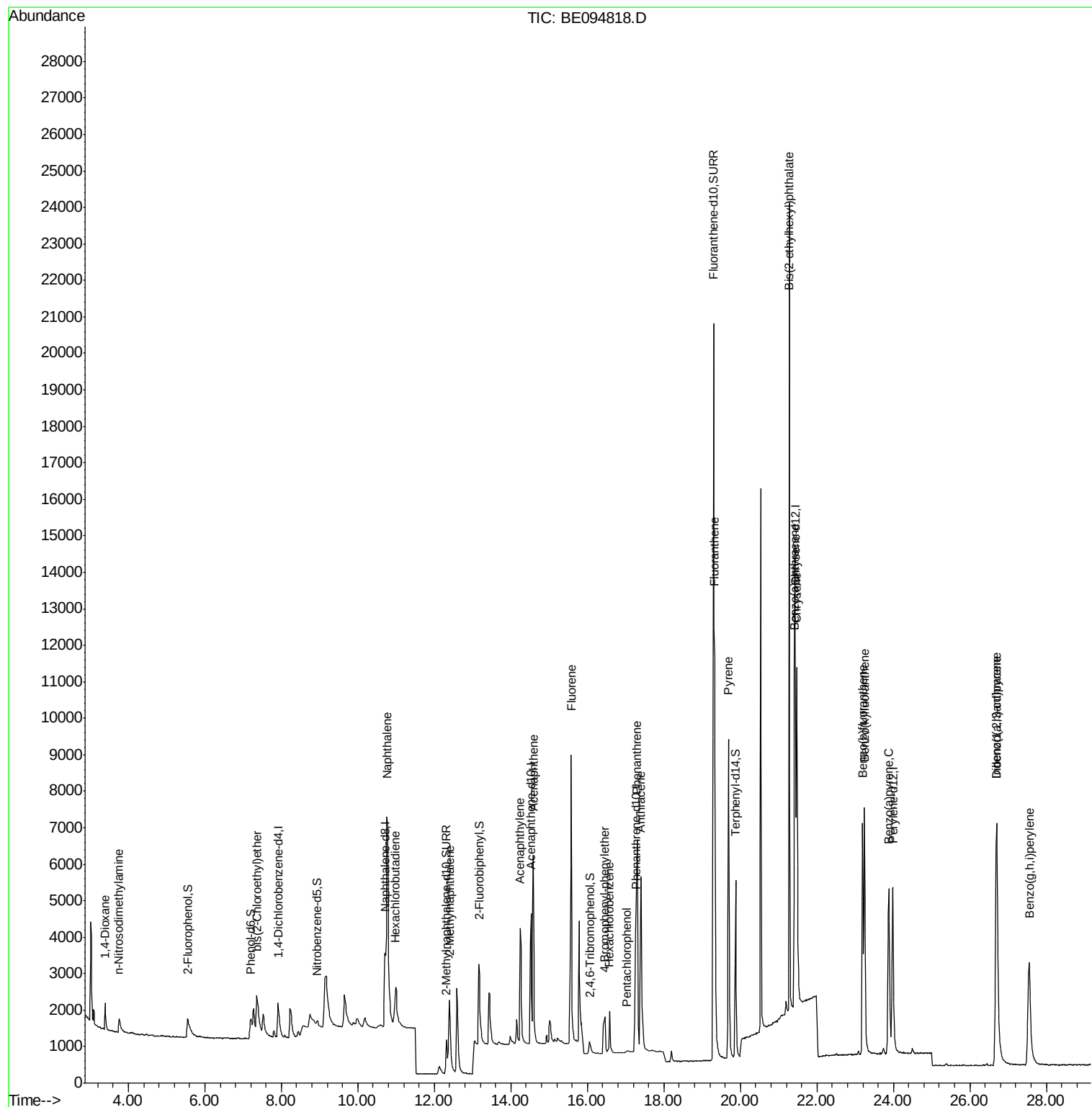
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	600	0.45	ng	# 83
3) n-Nitrosodimethylamine	3.75	42	452	0.36	ng	# 66
6) bis(2-Chloroethyl)ether	7.36	93	993	0.32	ng	77
9) Naphthalene	10.77	128	18141	0.36	ng	99
10) Hexachlorobutadiene	10.99	225	755	0.41	ng	96
12) 2-Methylnaphthalene	12.39	142	3053	0.36	ng	99
16) Acenaphthylene	14.24	152	5350	0.35	ng	99
17) Acenaphthene	14.58	154	3512	0.36	ng	99
18) Fluorene	15.58	166	4809	0.38	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1150	0.30	ng	# 60
21) Hexachlorobenzene	16.58	284	1655	0.49	ng	# 83
22) Pentachlorophenol	17.04	266	96	0.22	ng	99
23) Phenanthrene	17.30	178	9399	0.52	ng	97
24) Anthracene	17.40	178	9371	0.45	ng	98
26) Fluoranthene	19.33	202	11080	0.42	ng	98
28) Pyrene	19.69	202	11676	0.36	ng	99
30) Benzo(a)anthracene	21.42	228	11128	0.37	ng	# 62
31) Chrysene	21.47	228	12064	0.40	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.28	149	26394	0.36	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	10994	0.39	ng	97
35) Benzo(b)fluoranthene	23.20	252	10131	0.36	ng	# 41
36) Benzo(k)fluoranthene	23.25	252	11125	0.37	ng	# 40
37) Benzo(a)pyrene	23.87	252	10376	0.38	ng	# 34
38) Dibenzo(a,h)anthracene	26.69	278	9581	0.39	ng	# 45
39) Benzo(g,h,i)perylene	27.55	276	9514	0.42	ng	# 55

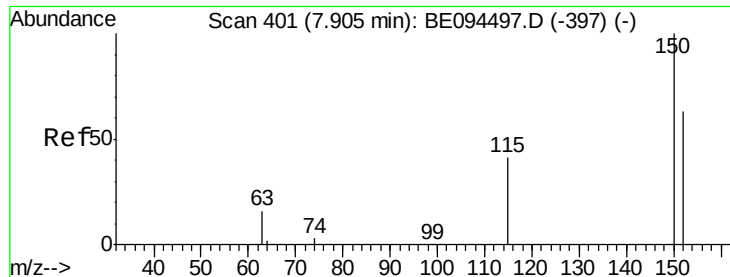
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Nov 16 01:52:04 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: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

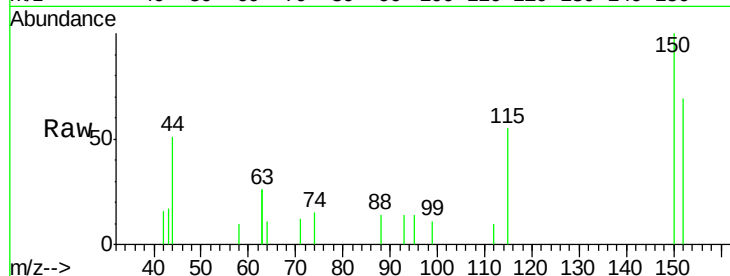
Tot Ion:152 Resp: 782

Ion Ratio Lower Upper

152 100

150 145.5 117.2 175.8

115 80.7 57.0 85.6



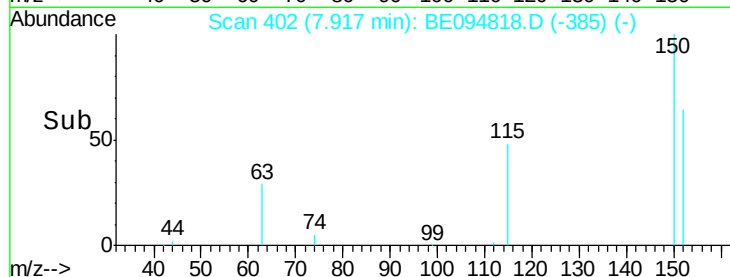
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

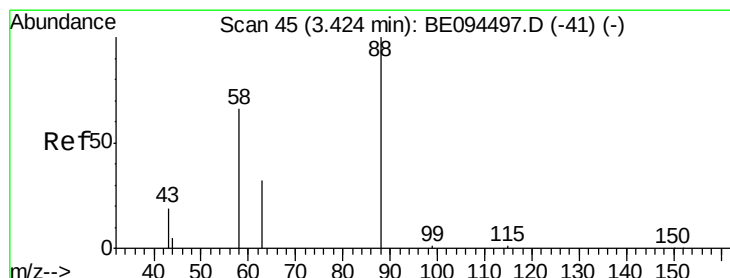
Ion 115.00 (114.70 to 115.70): E

7.92

Time-->



Time-->



#2

1,4-Dioxane

Concen: 0.45 ng

RT: 3.40 min Scan# 43

Delta R.T. -0.03 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

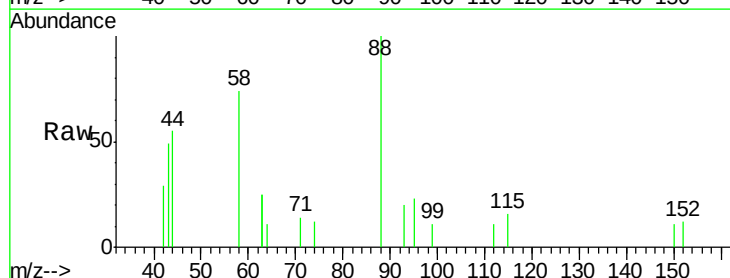
Tgt Ion: 88 Resp: 600

Ion Ratio Lower Upper

88 100

58 73.3 63.2 94.8

43 29.0 41.2 61.8#



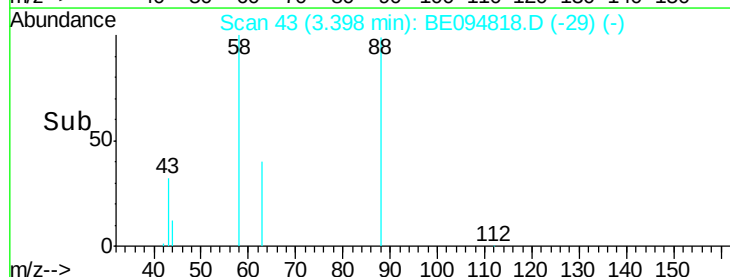
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

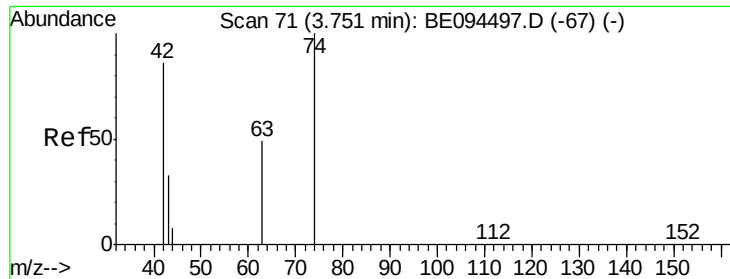
Ion 43.00 (42.70 to 43.70): BE0

3.40

Time-->



Time-->



#3

n-Nitrosodimethylamine

Concen: 0.36 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

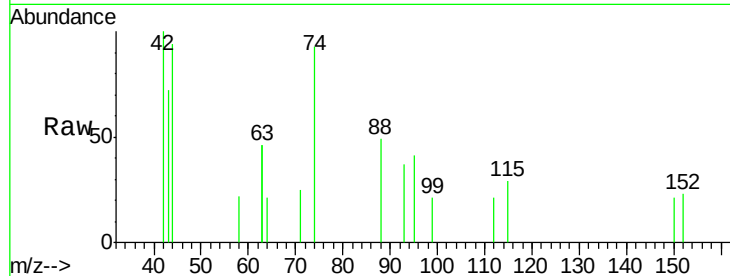
Tot Ion: 42 Resp: 452

Ion Ratio Lower Upper

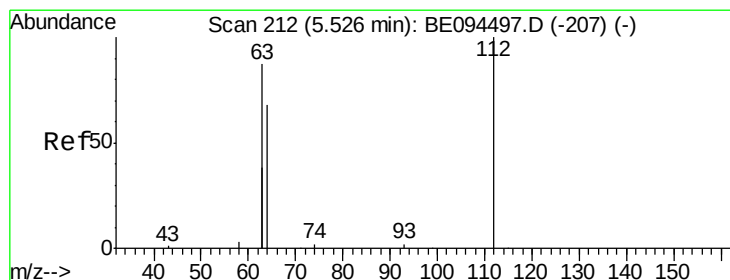
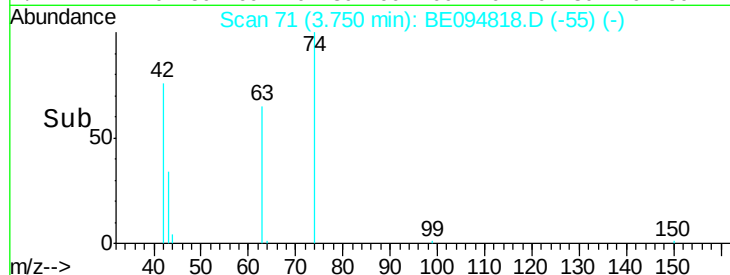
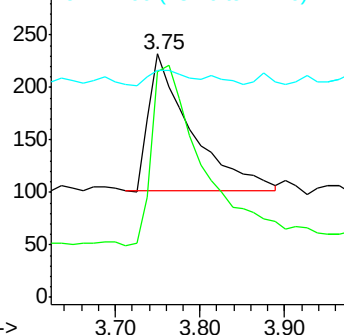
42 100

74 165.9 100.3 150.5#

44 10.4 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.34 ng

RT: 5.55 min Scan# 214

Delta R.T. 0.02 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

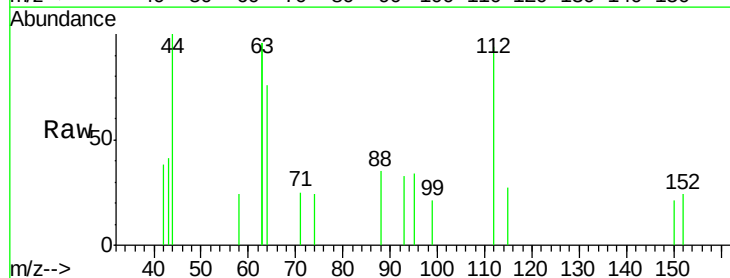
Tgt Ion: 112 Resp: 922

Ion Ratio Lower Upper

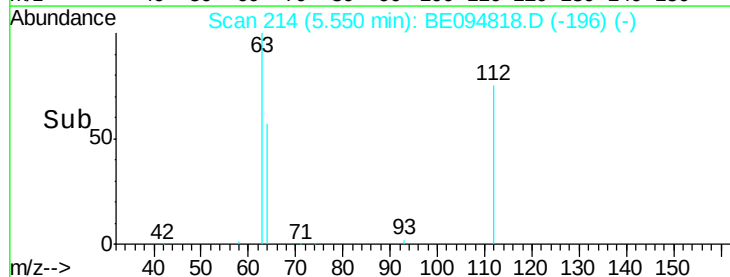
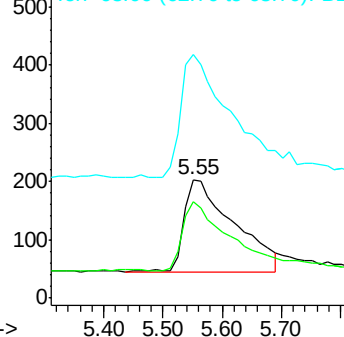
112 100

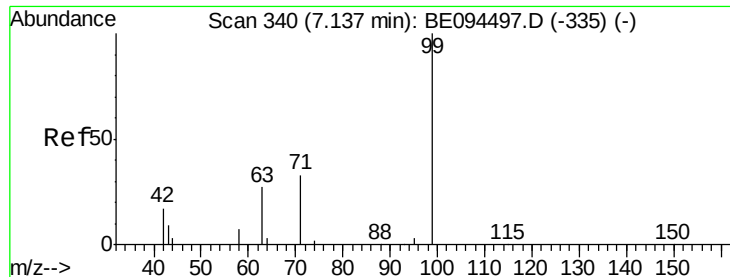
64 70.8 60.1 90.1

63 131.6 116.8 175.2



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: 0.39 ng

RT: 7.20 min Scan# 345

Delta R.T. 0.06 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

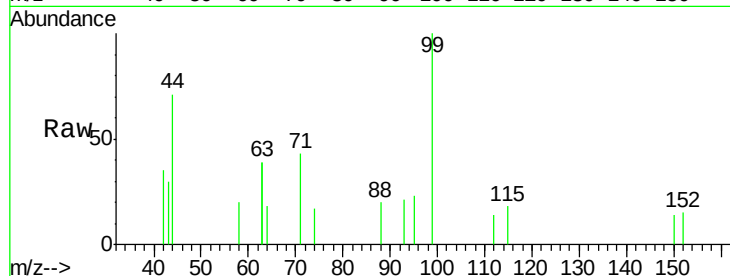
Tot Ion: 99 Resp: 1576

Ion Ratio Lower Upper

99 100

42 17.3 20.2 30.2#

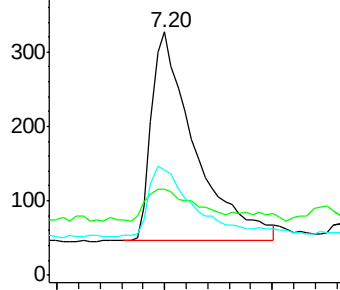
71 33.5 28.4 42.6



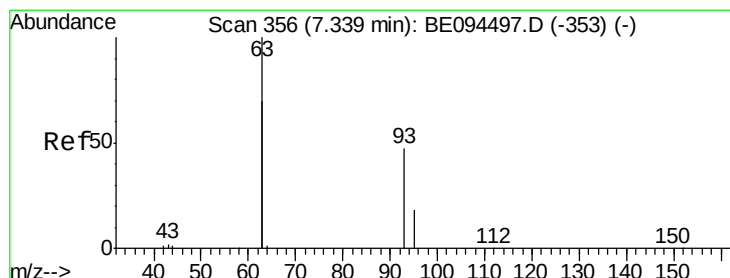
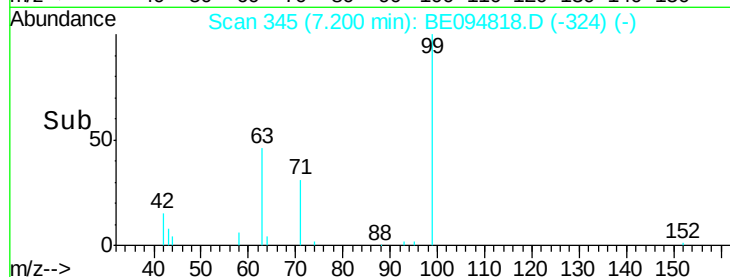
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.00 7.20 7.40



#6

bis(2-Chloroethyl)ether

Concen: 0.32 ng

RT: 7.36 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

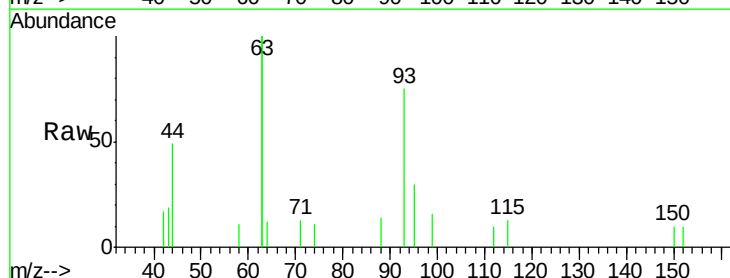
Tgt Ion: 93 Resp: 993

Ion Ratio Lower Upper

93 100

63 291.3 275.3 412.9

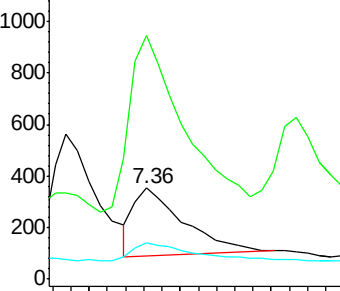
95 30.3 25.2 37.8



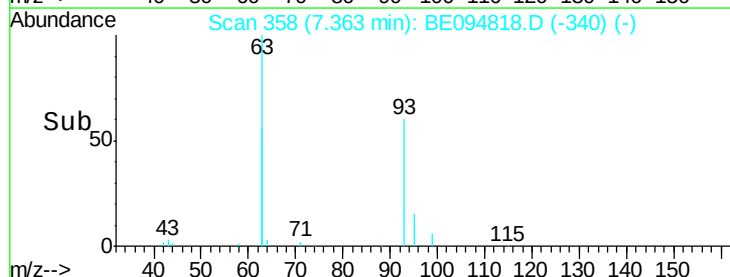
Abundance Ion 93.00 (92.70 to 93.70): BE0

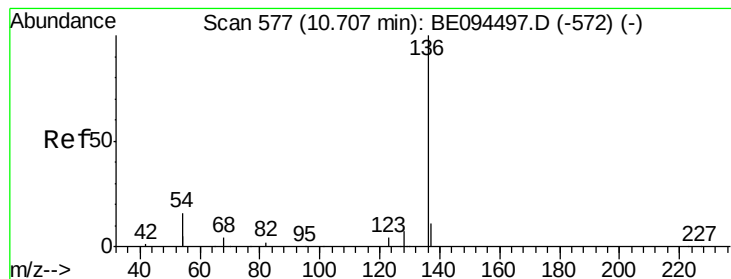
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.30 7.40 7.50





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4478

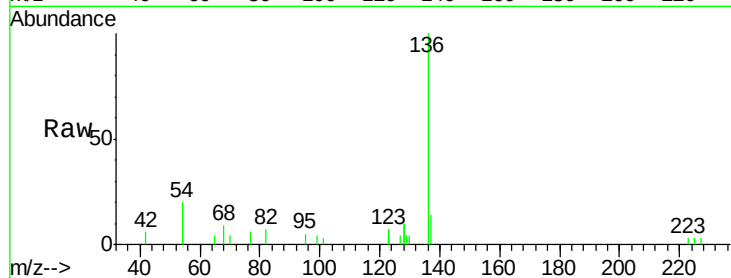
Ion Ratio Lower Upper

136 100

137 14.2 9.5 14.3

54 39.8 29.1 43.7

68 8.7 6.2 9.2

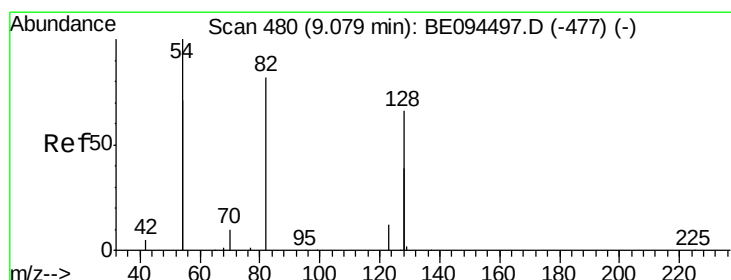
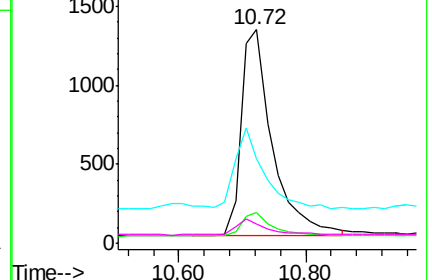
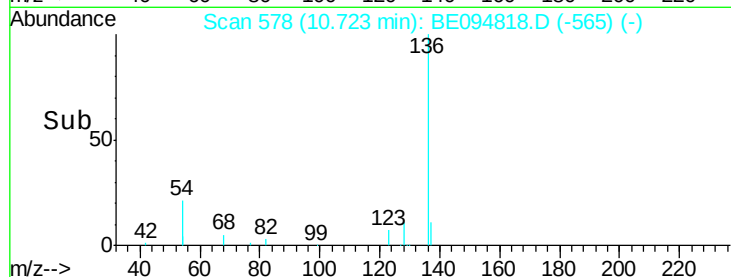


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.02 ng

RT: 8.94 min Scan# 472

Delta R.T. -0.14 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

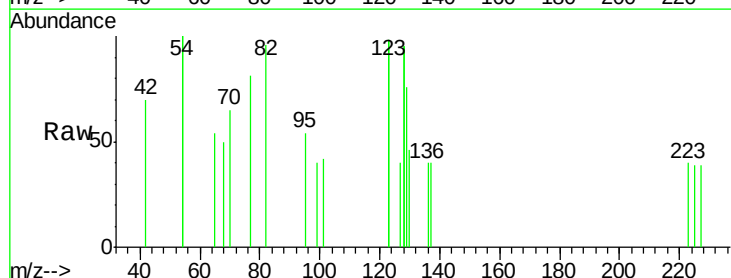
Tgt Ion: 82 Resp: 81

Ion Ratio Lower Upper

82 100

128 198.2 150.0 225.0

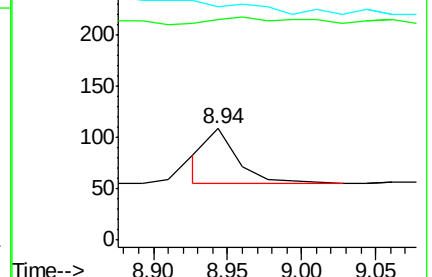
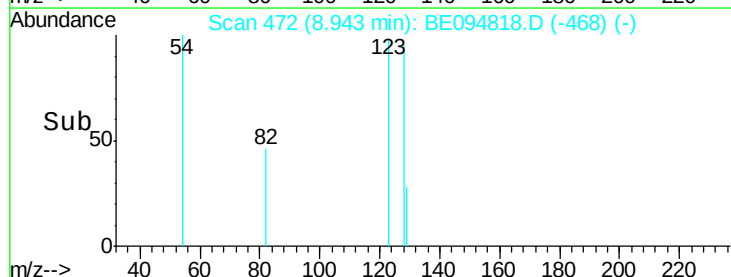
54 209.2 154.2 231.4

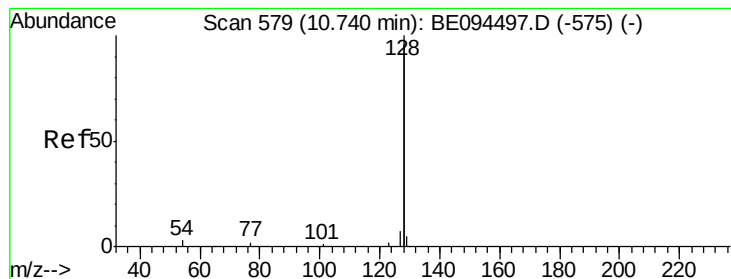


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.36 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.03 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

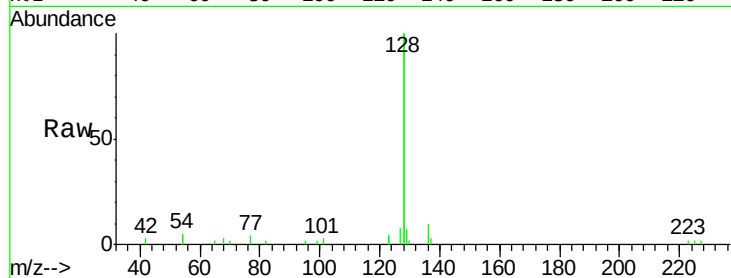
Tot Ion:128 Resp: 18141

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

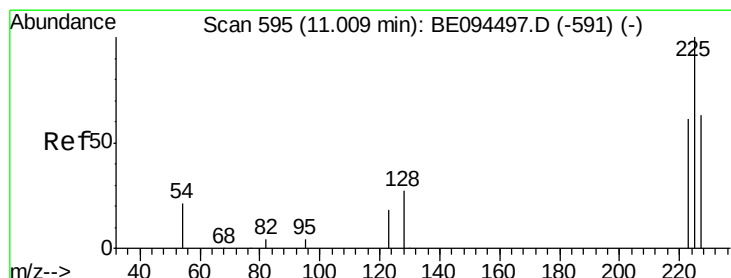
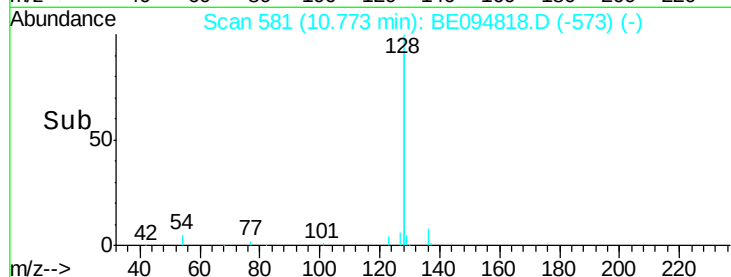
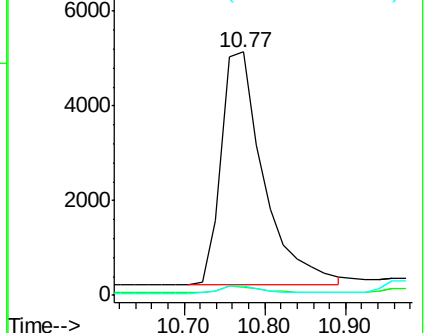
127 3.9 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.41 ng

RT: 10.99 min Scan# 594

Delta R.T. -0.02 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

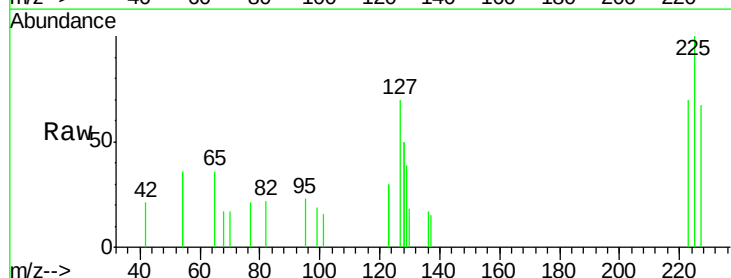
Tgt Ion:225 Resp: 755

Ion Ratio Lower Upper

225 100

223 61.3 53.0 79.6

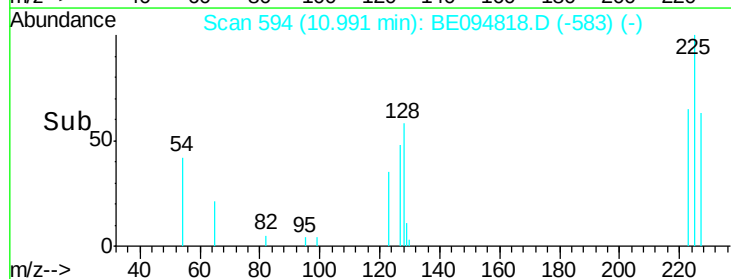
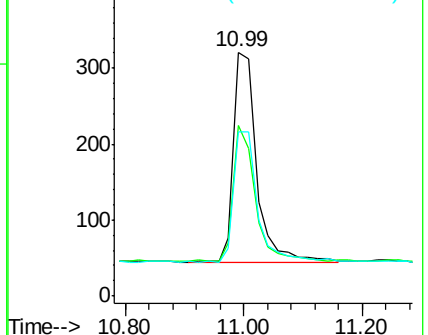
227 64.9 51.4 77.2

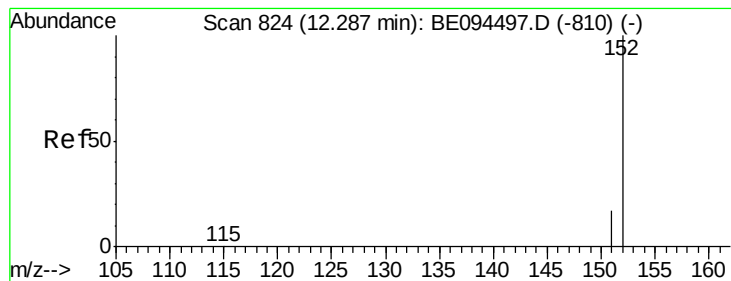


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.36 ng

RT: 12.31 min Scan# 831

Delta R.T. 0.03 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

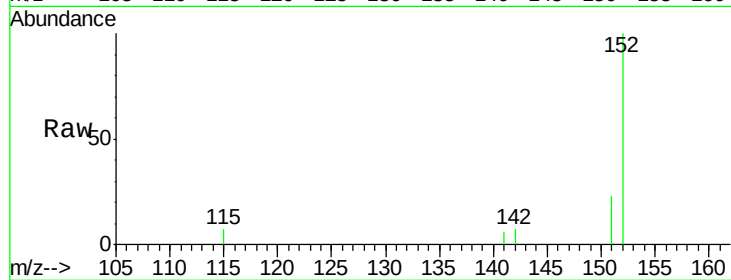
ClientSampleId :

Tot Ion:152 Resp: 2583

Ion Ratio Lower Upper

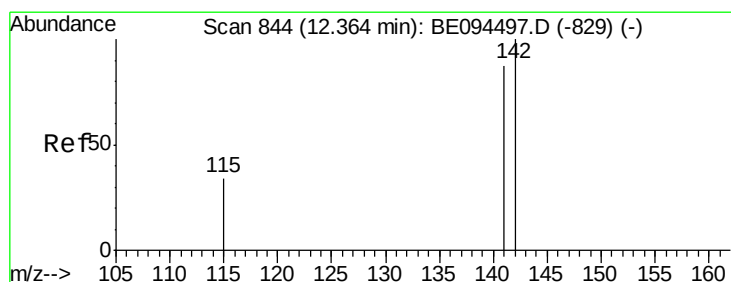
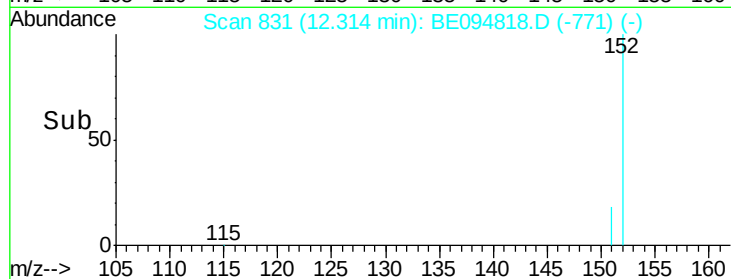
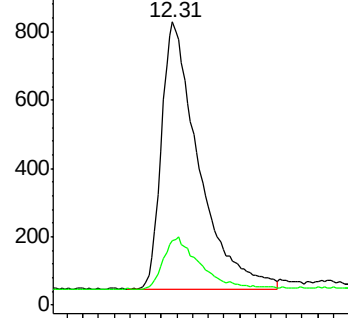
152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.36 ng

RT: 12.39 min Scan# 852

Delta R.T. 0.03 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

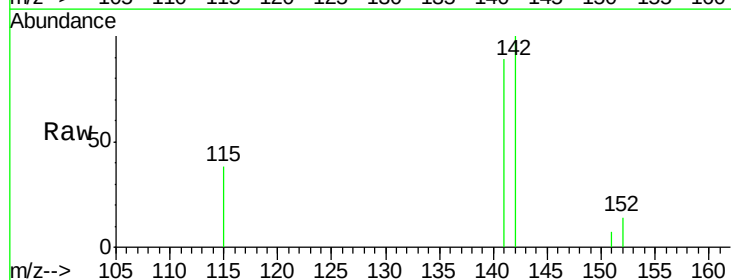
Tgt Ion:142 Resp: 3053

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

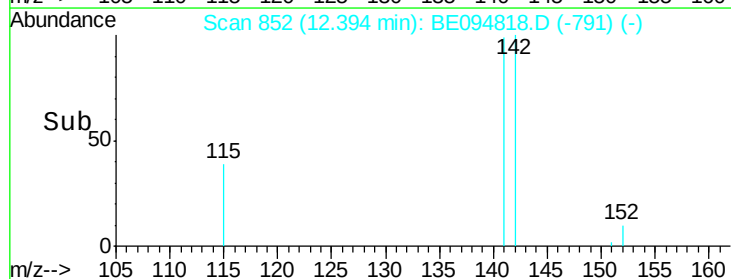
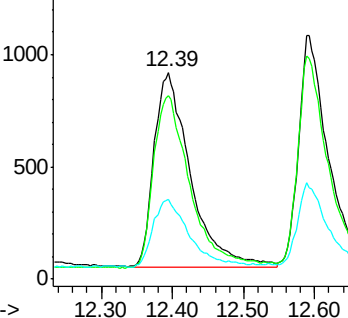
115 38.3 31.7 47.5

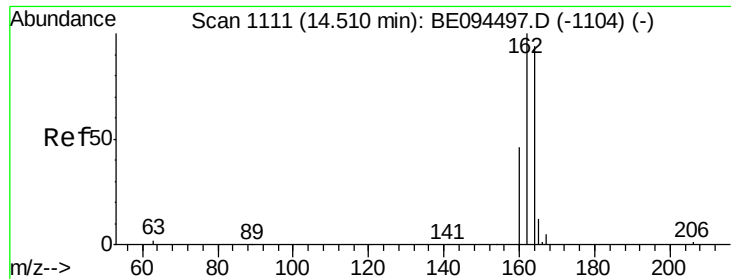


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

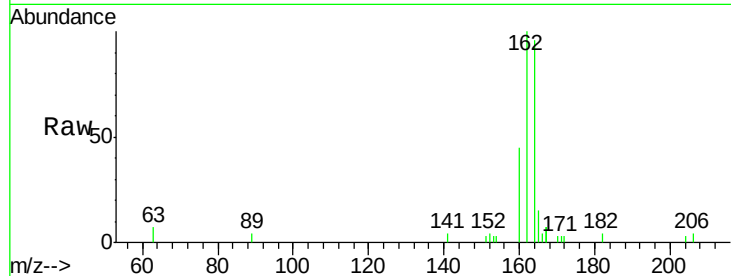




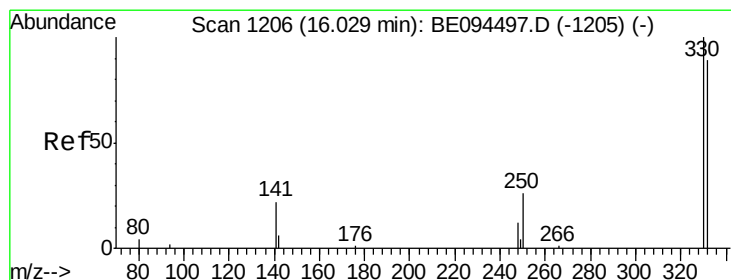
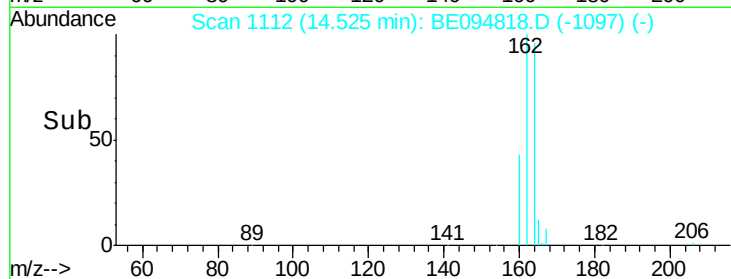
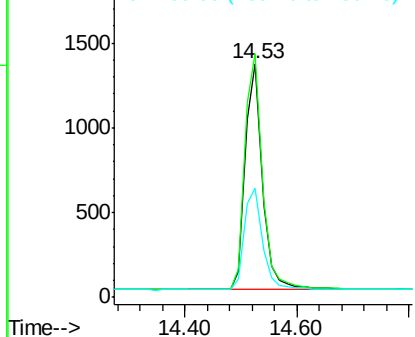
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2875
Ion Ratio Lower Upper
164 100
162 104.1 83.1 124.7
160 46.6 37.1 55.7

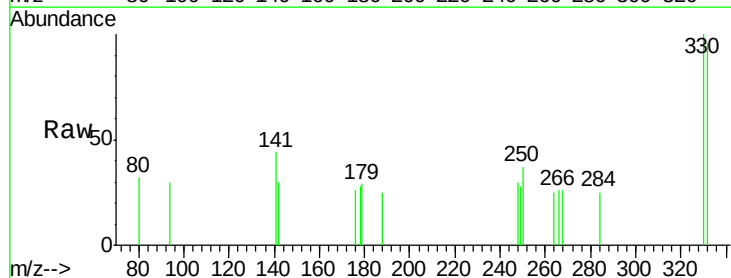


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

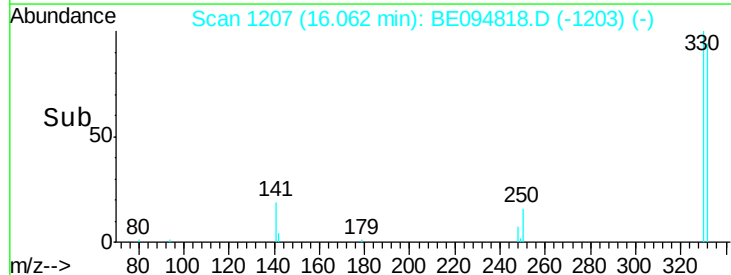
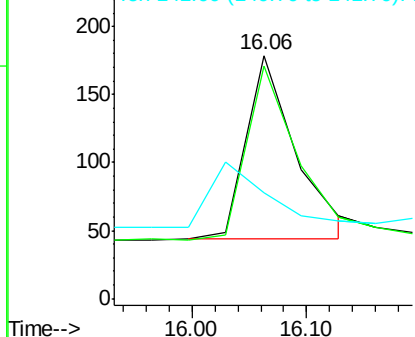


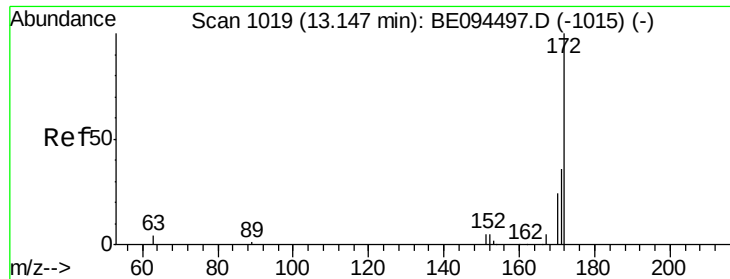
#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:330 Resp: 407
Ion Ratio Lower Upper
330 100
332 98.0 152.7 229.1#
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

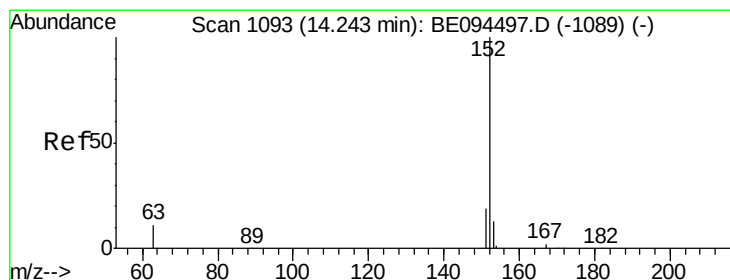
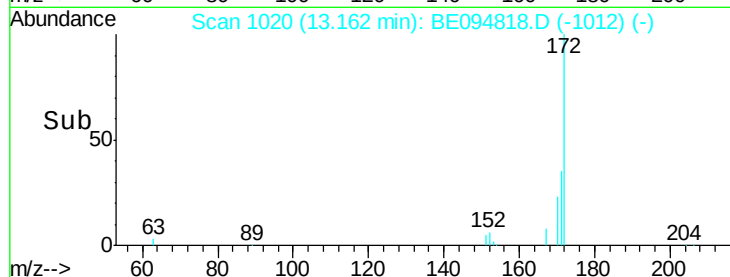
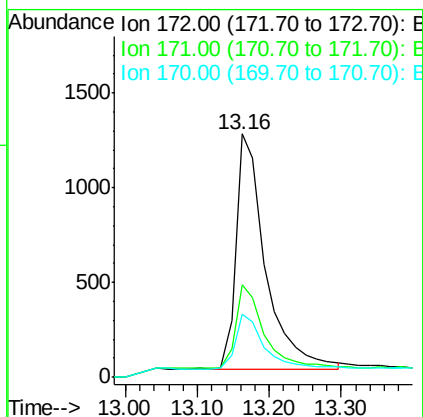
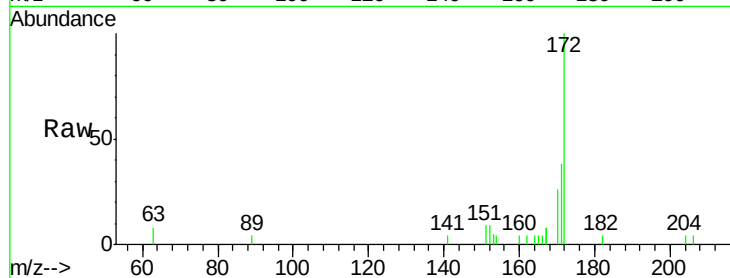




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

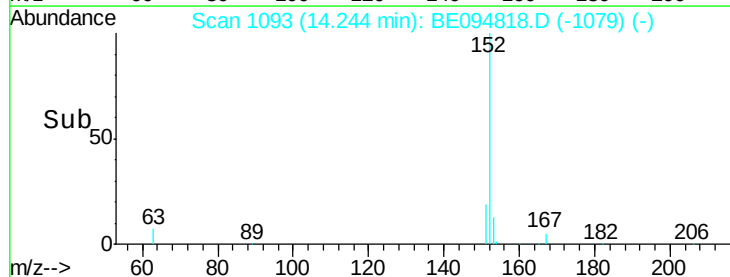
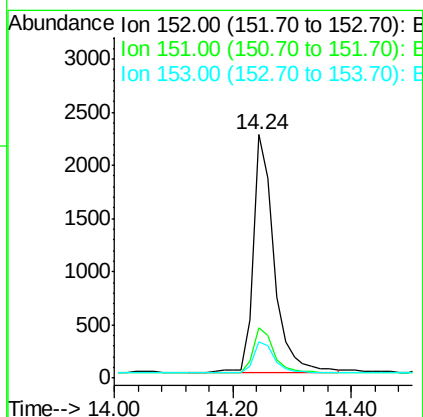
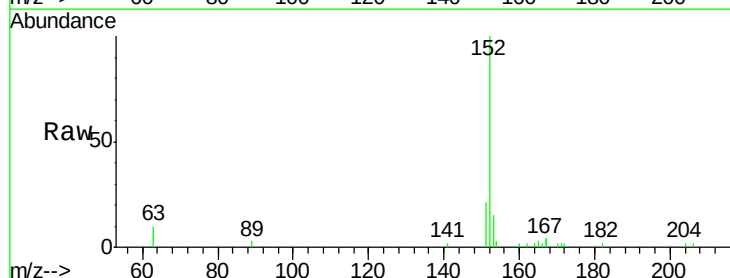
Instrument :
BNA_E
ClientSampleId :

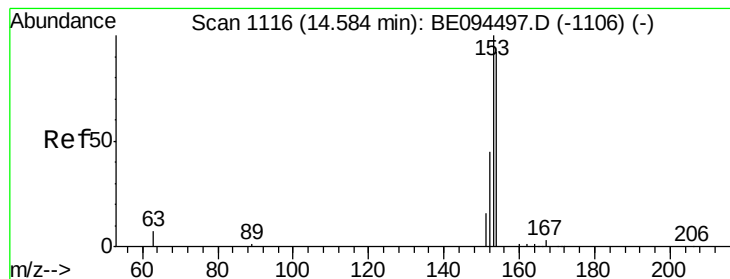
Tot Ion:172 Resp: 3514
Ion Ratio Lower Upper
172 100
171 37.9 29.9 44.9
170 25.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:152 Resp: 5350
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.36 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

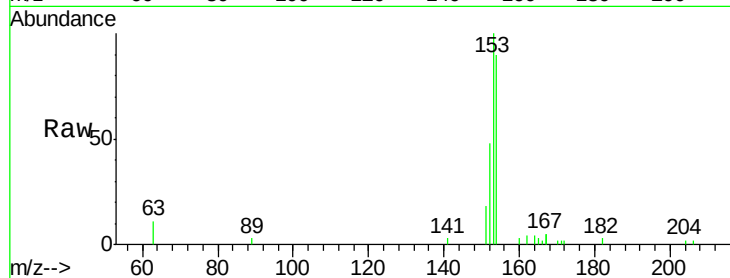
Tot Ion:154 Resp: 3512

Ion Ratio Lower Upper

154 100

153 111.6 89.2 133.8

152 53.4 42.0 63.0

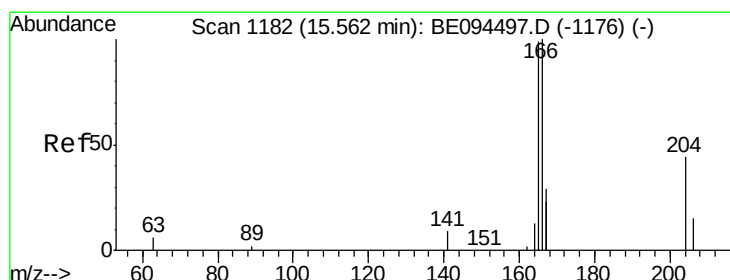
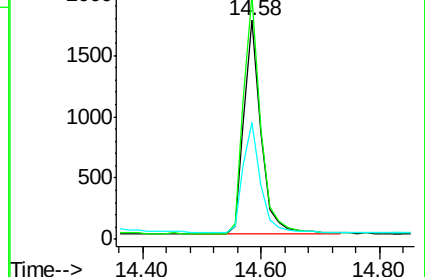
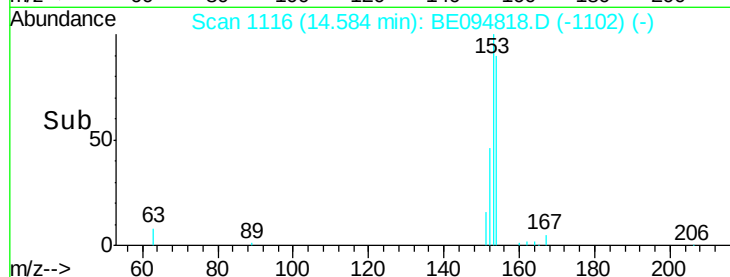


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#18

Fluorene

Concen: 0.38 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

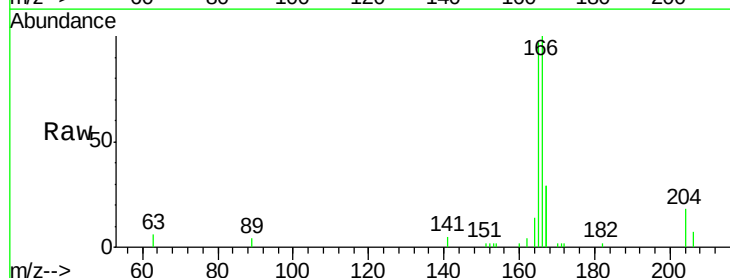
Tgt Ion:166 Resp: 4809

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

167 53.3 42.4 63.6

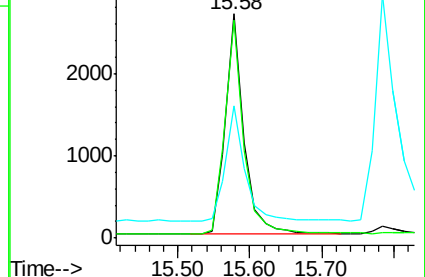
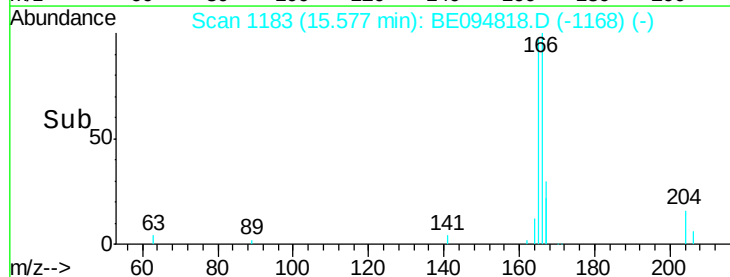


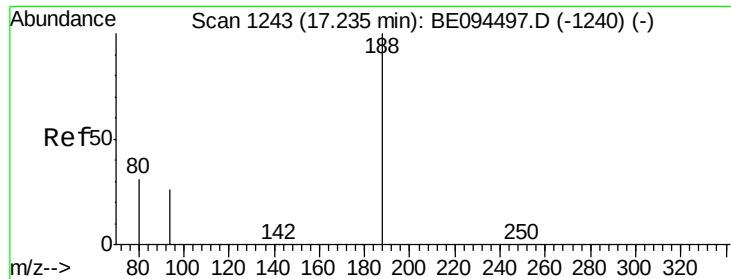
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

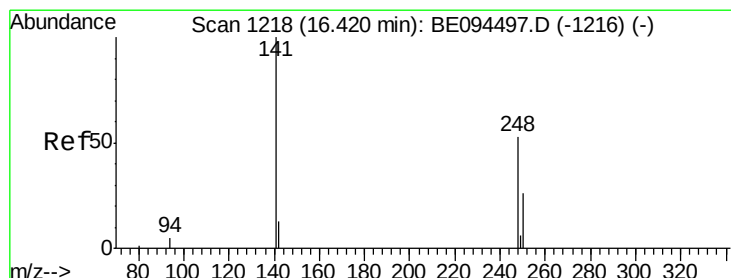
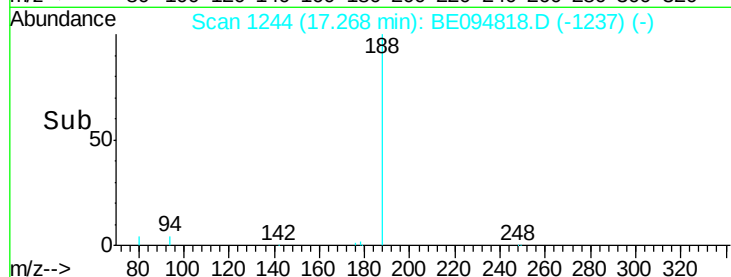
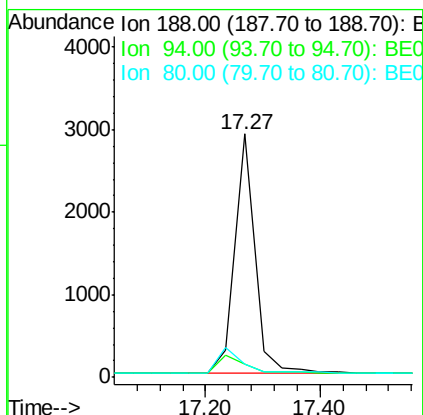
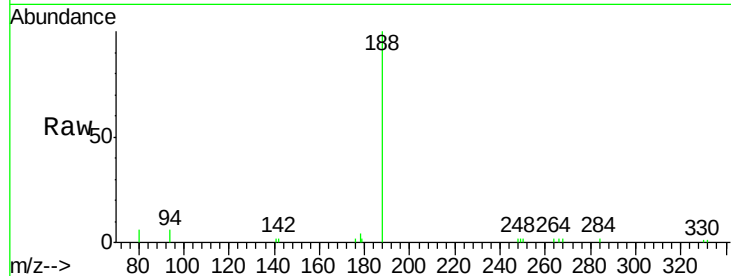




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

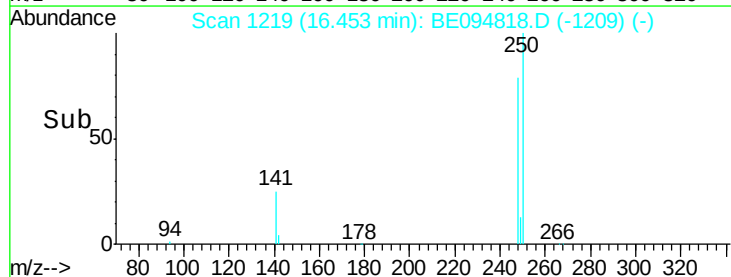
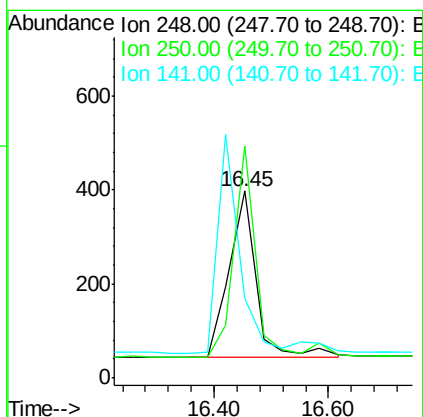
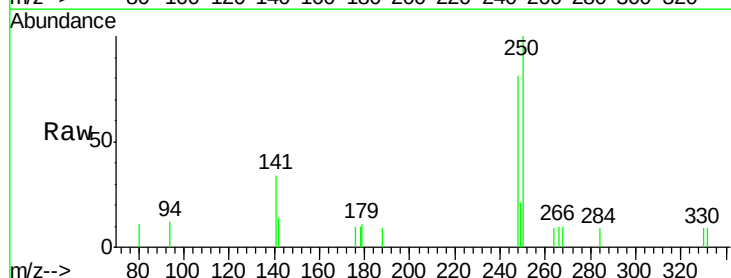
Instrument :
BNA_E
ClientSampleId :

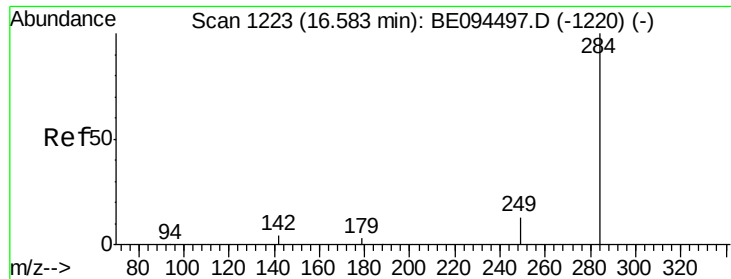
Tot Ion:188 Resp: 7074
Ion Ratio Lower Upper
188 100
94 5.7 3.9 5.9
80 5.6 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.30 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:248 Resp: 1150
Ion Ratio Lower Upper
248 100
250 124.2 62.7 94.1#
141 42.3 48.2 72.2#

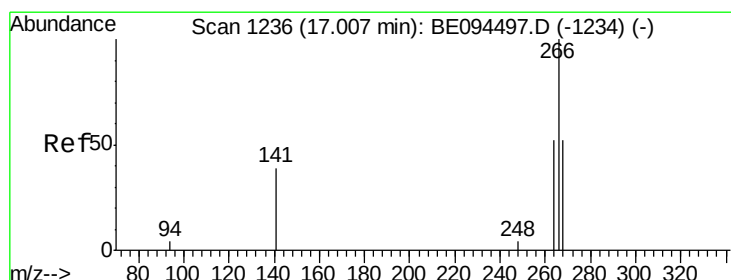
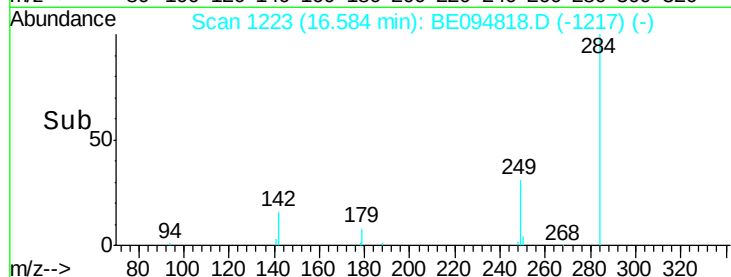
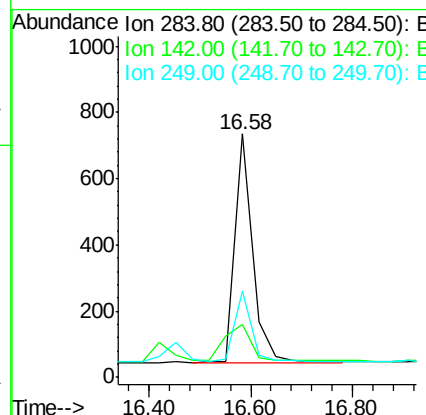
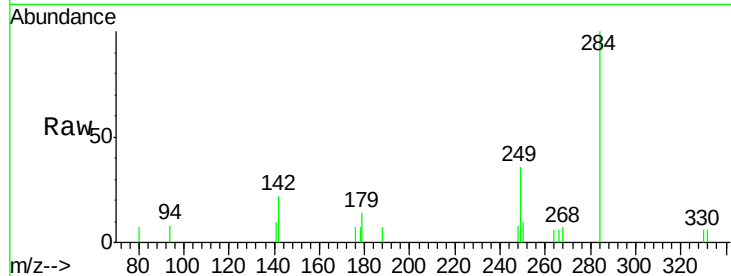




#21
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

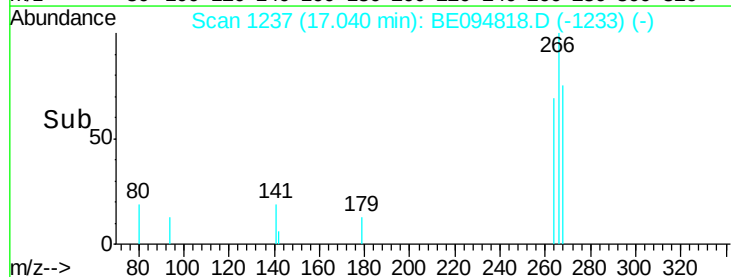
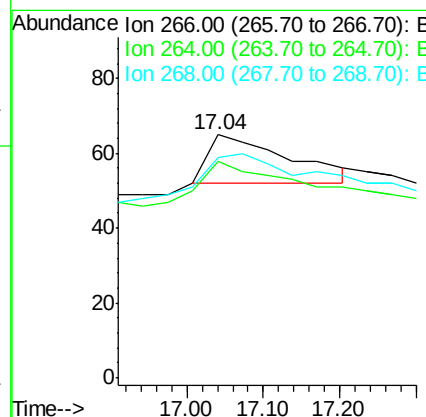
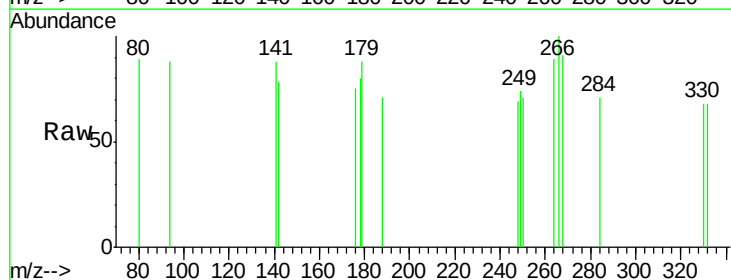
Instrument :
BNA_E
ClientSampleId :

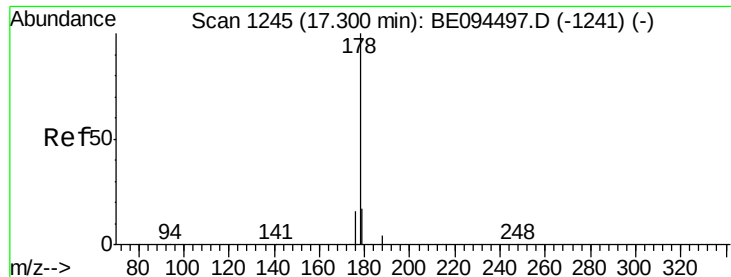
Tot Ion:284 Resp: 1655
Ion Ratio Lower Upper
284 100
142 23.6 22.1 33.1
249 28.9 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.22 ng
RT: 17.04 min Scan# 1237
Delta R.T. 0.03 min
Lab File: BE094818.D
Acq: 15 Nov 2017 17:09

Tgt Ion:266 Resp: 96
Ion Ratio Lower Upper
266 100
264 89.2 72.5 108.7
268 90.8 73.8 110.6





#23

Phenanthrene

Concen: 0.52 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

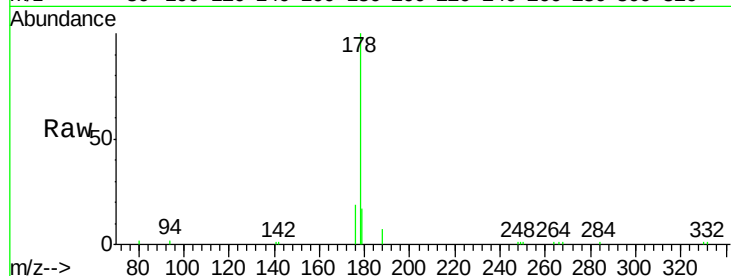
Tot Ion:178 Resp: 9399

Ion Ratio Lower Upper

178 100

176 17.7 15.1 22.7

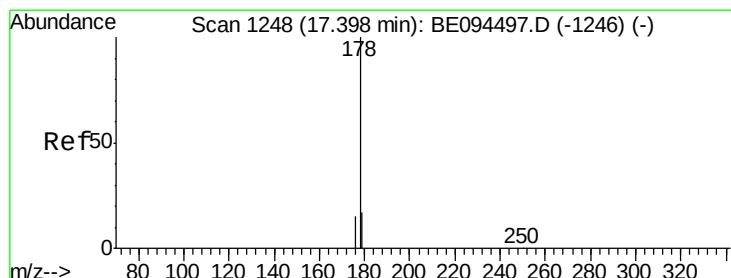
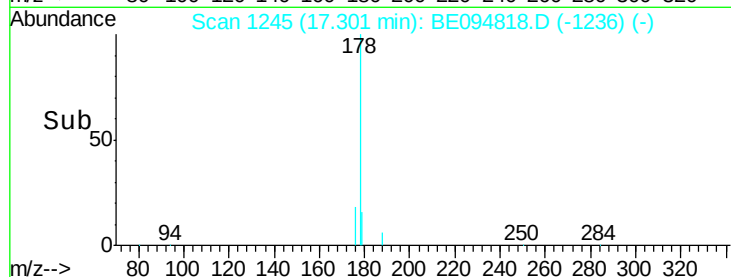
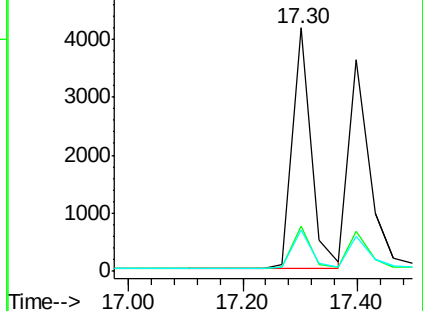
179 16.3 11.8 17.6



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



#24

Anthracene

Concen: 0.45 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

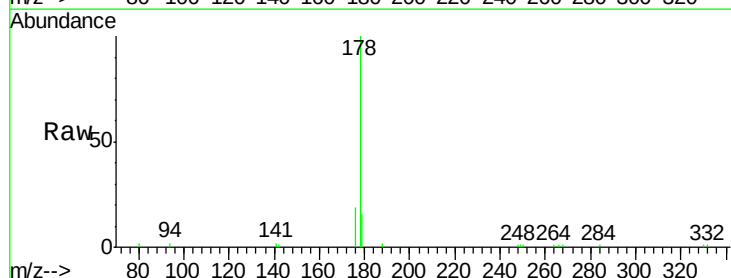
Tgt Ion:178 Resp: 9371

Ion Ratio Lower Upper

178 100

176 17.2 12.8 19.2

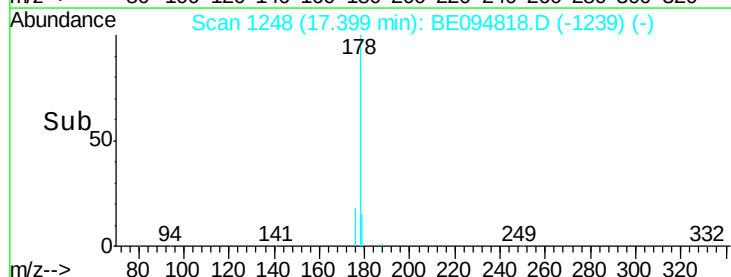
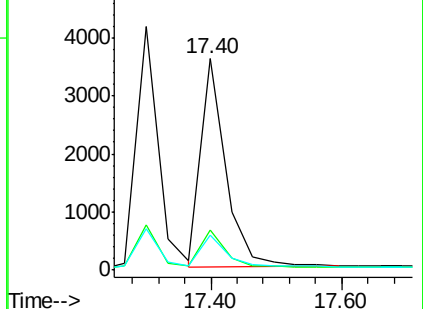
179 15.7 13.0 19.6

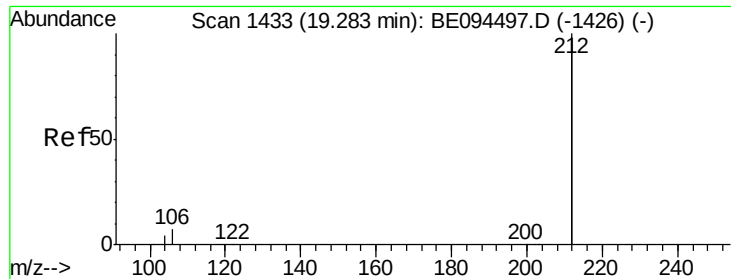


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.43 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

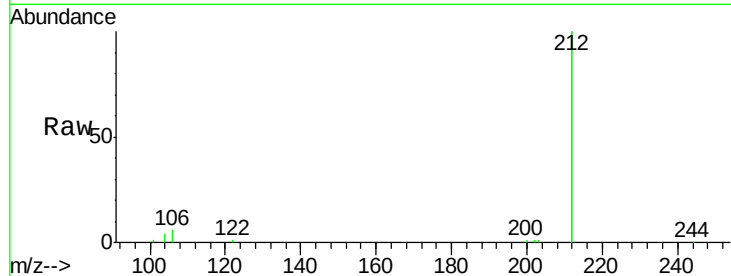
Tot Ion:212 Resp: 36993

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

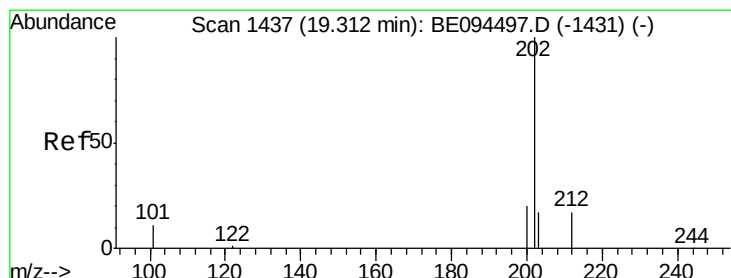
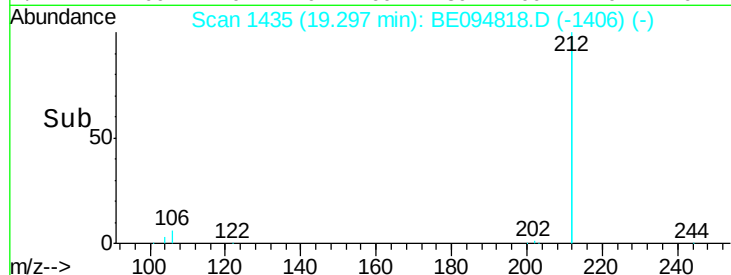
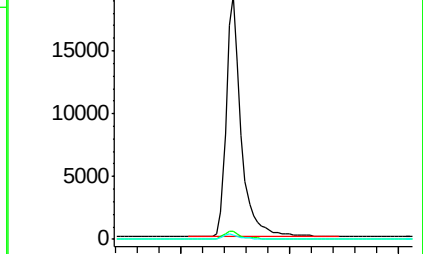
104 1.8 1.6 2.4



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: 0.42 ng

RT: 19.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

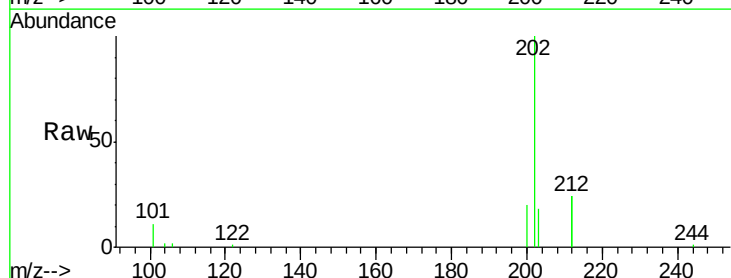
Tgt Ion:202 Resp: 11080

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

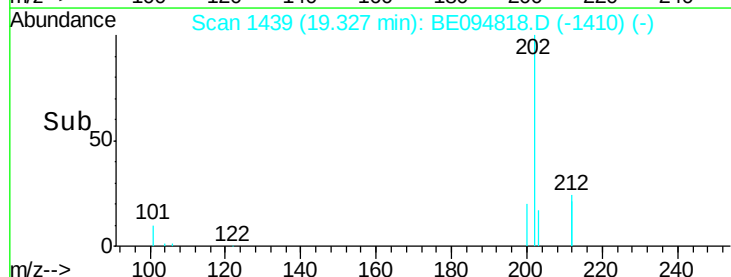
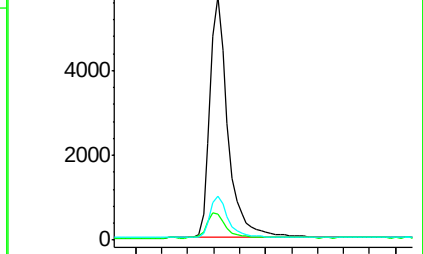
203 17.1 13.7 20.5

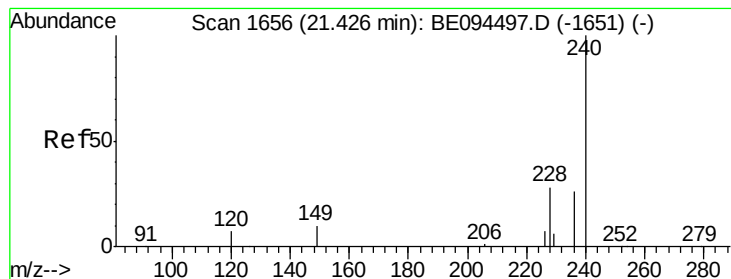


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

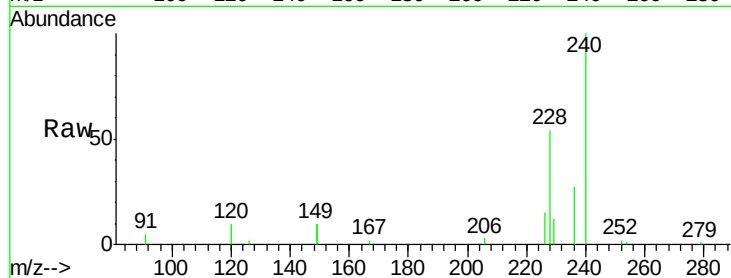
Tot Ion:240 Resp: 9187

Ion Ratio Lower Upper

240 100

120 10.4 5.5 8.3#

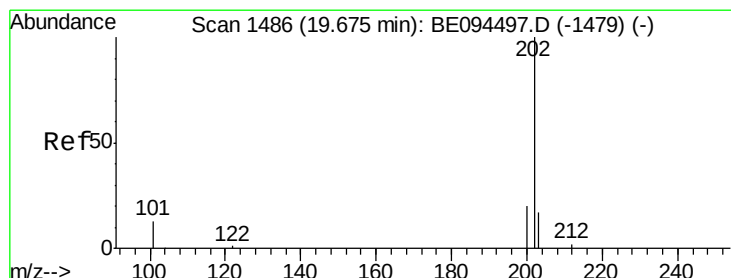
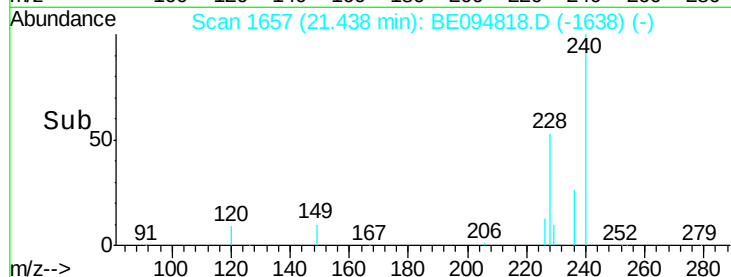
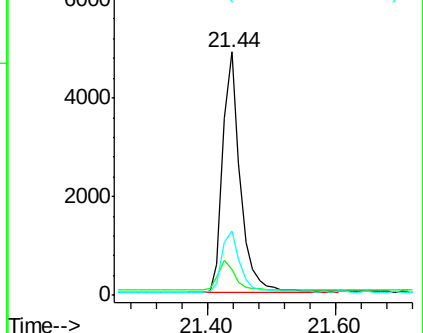
236 26.7 20.7 31.1



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: 0.36 ng

RT: 19.69 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

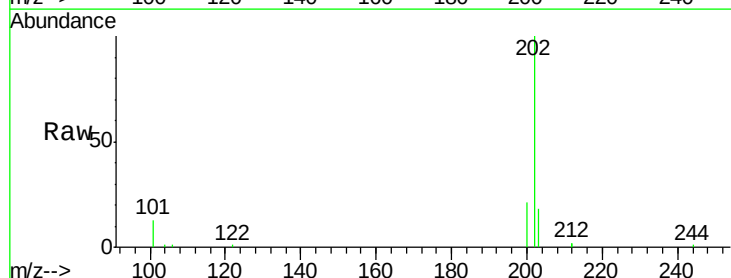
Tgt Ion:202 Resp: 11676

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

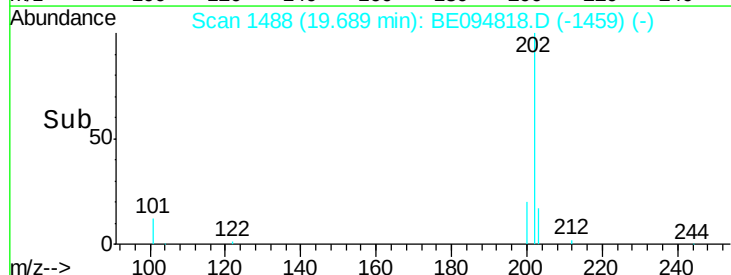
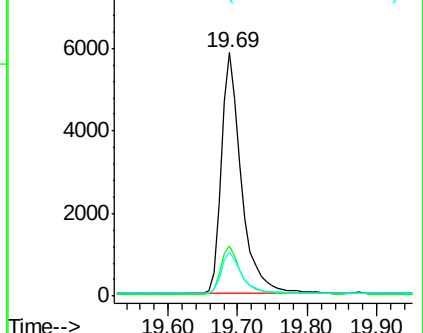
203 17.8 13.8 20.8

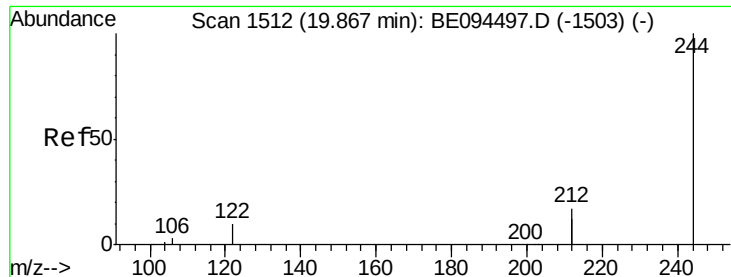


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.36 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

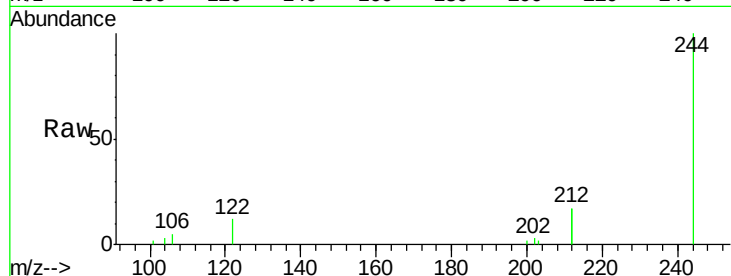
Tot Ion:244 Resp: 6298

Ion Ratio Lower Upper

244 100

212 34.2 25.4 38.0

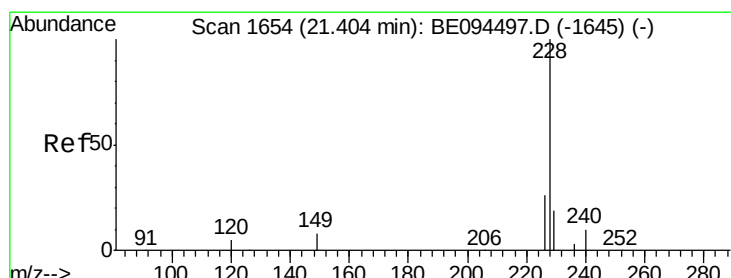
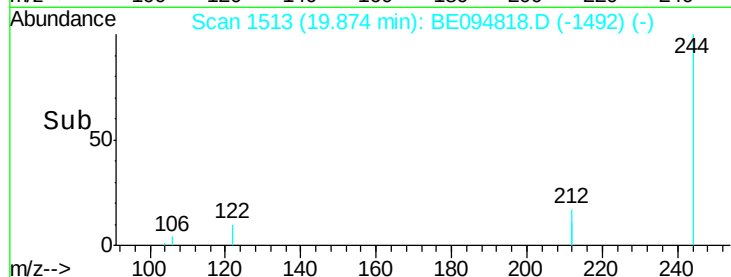
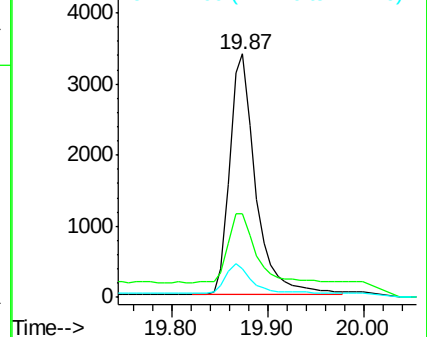
122 11.8 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 0.37 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

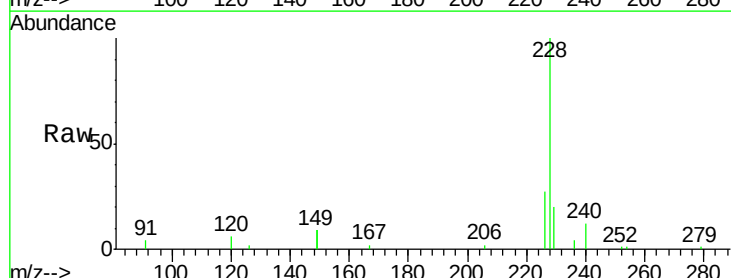
Tgt Ion:228 Resp: 11128

Ion Ratio Lower Upper

228 100

226 27.0 40.0 60.0#

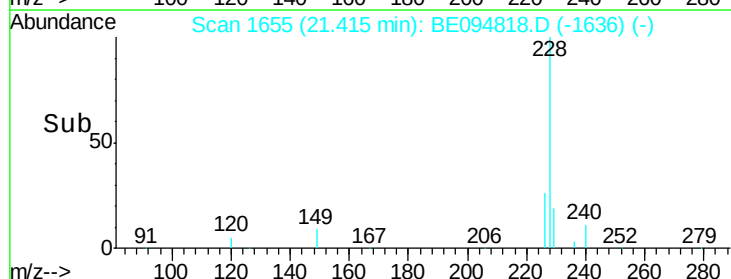
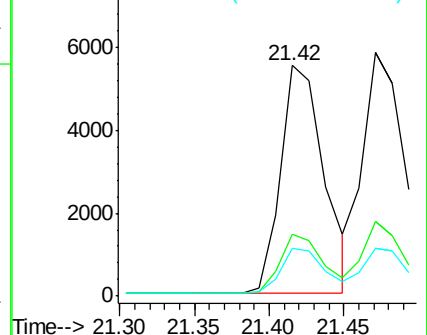
229 20.4 40.0 60.0#

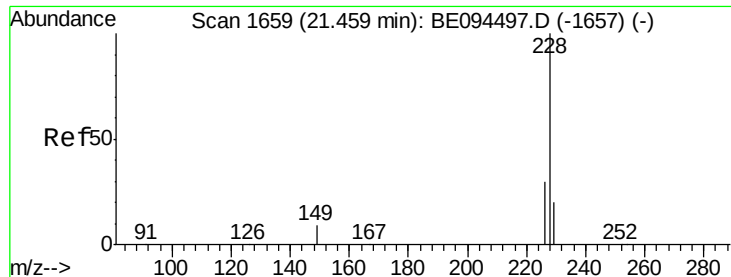


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.40 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

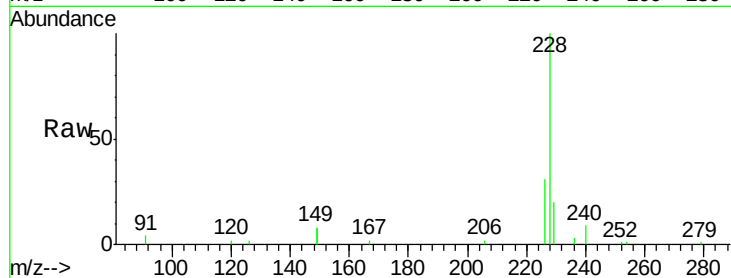
Tot Ion:228 Resp: 12064

Ion Ratio Lower Upper

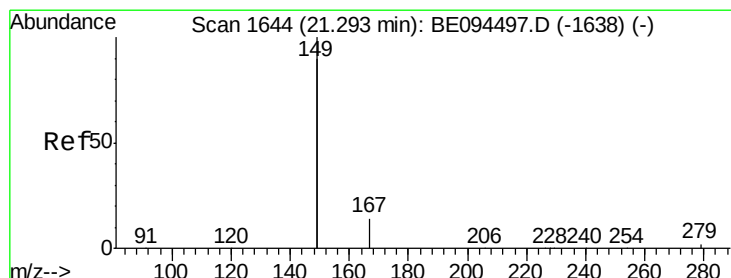
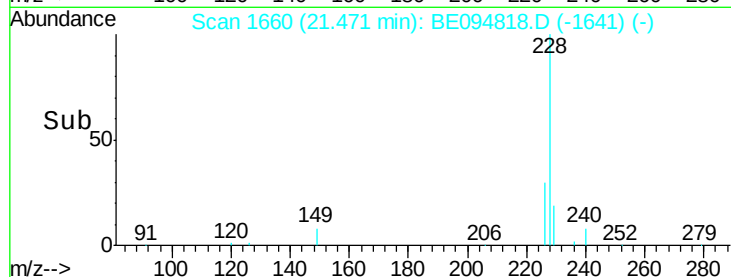
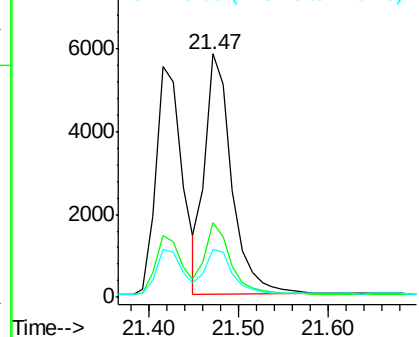
228 100

226 30.5 40.0 60.0#

229 19.6 40.0 60.0#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

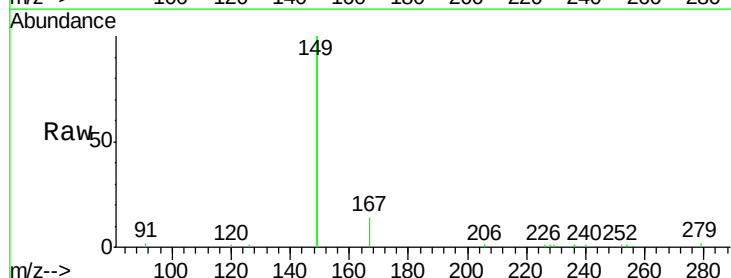
Tgt Ion:149 Resp: 26394

Ion Ratio Lower Upper

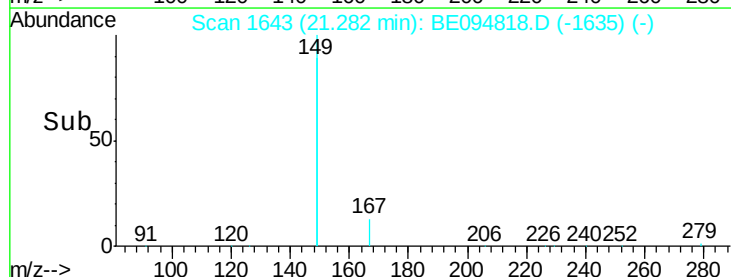
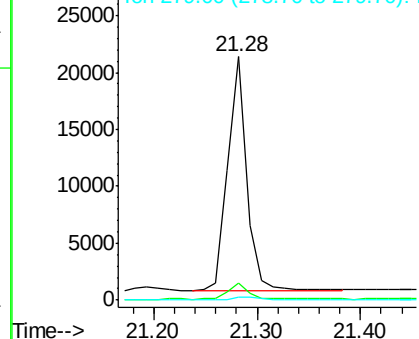
149 100

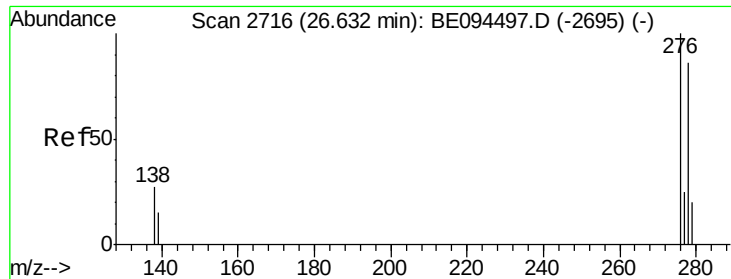
167 6.8 5.4 8.0

279 1.0 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

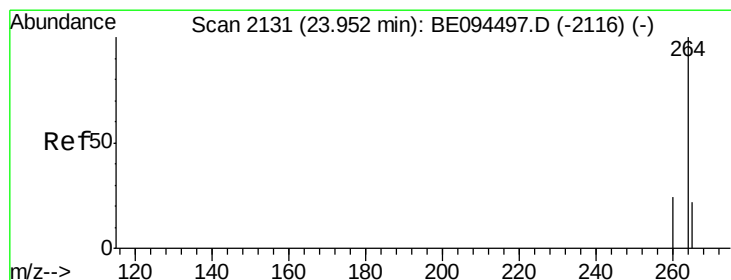
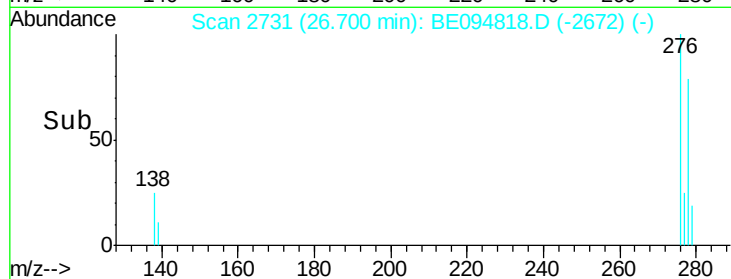
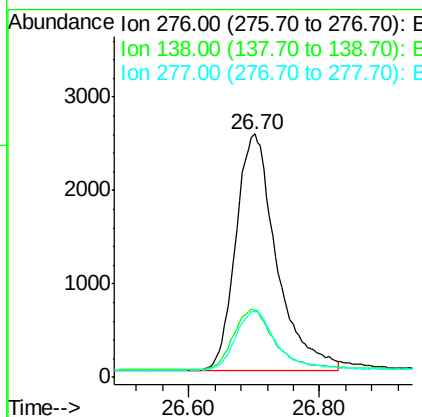
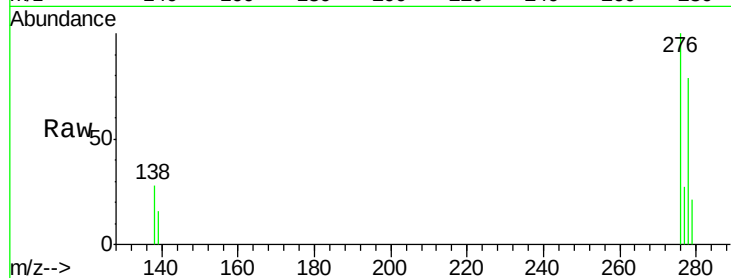




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 26.70 min Scan# 2731
 Delta R.T. 0.07 min
 Lab File: BE094818.D
 Acq: 15 Nov 2017 17:09

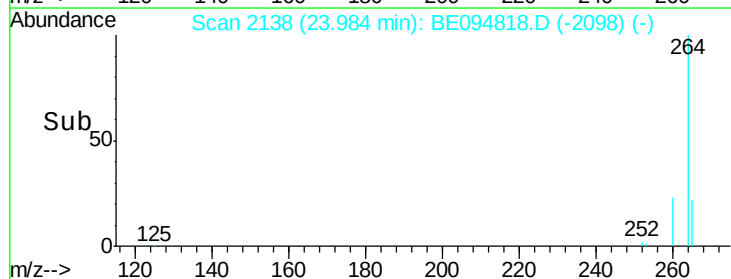
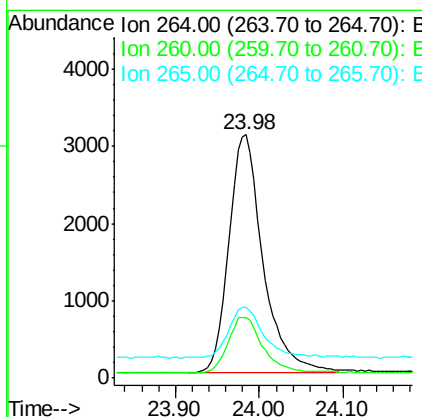
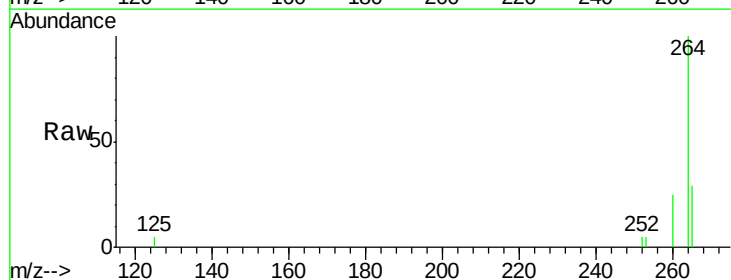
Instrument :
 BNA_E
 ClientSampleId :

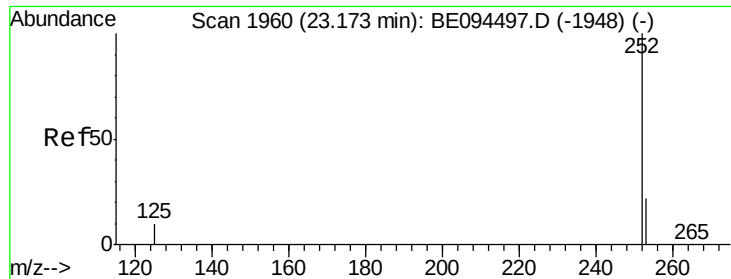
Tot Ion:276 Resp: 10994
 Ion Ratio Lower Upper
 276 100
 138 26.0 22.5 33.7
 277 25.3 19.9 29.9



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.98 min Scan# 2138
 Delta R.T. 0.03 min
 Lab File: BE094818.D
 Acq: 15 Nov 2017 17:09

Tgt Ion:264 Resp: 8635
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.5 30.7
 265 29.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.36 ng

RT: 23.20 min Scan# 1965

Delta R.T. 0.02 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

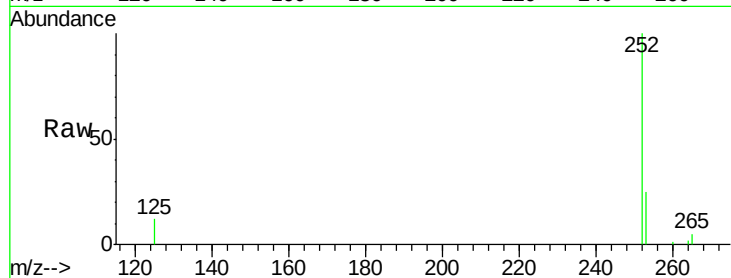
Tot Ion:252 Resp: 10131

Ion Ratio Lower Upper

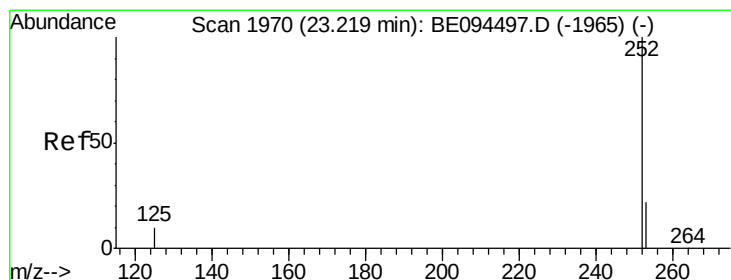
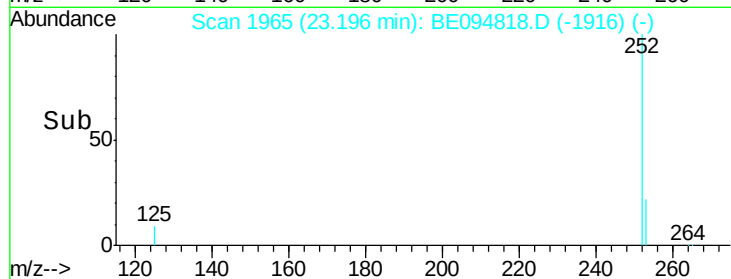
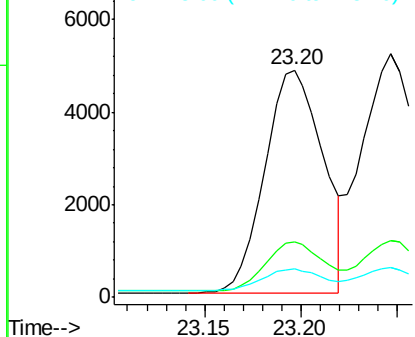
252 100

253 24.5 48.0 72.0#

125 12.3 56.0 84.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.25 min Scan# 1976

Delta R.T. 0.03 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

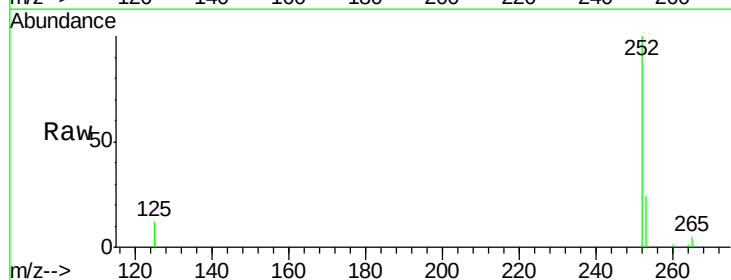
Tgt Ion:252 Resp: 11125

Ion Ratio Lower Upper

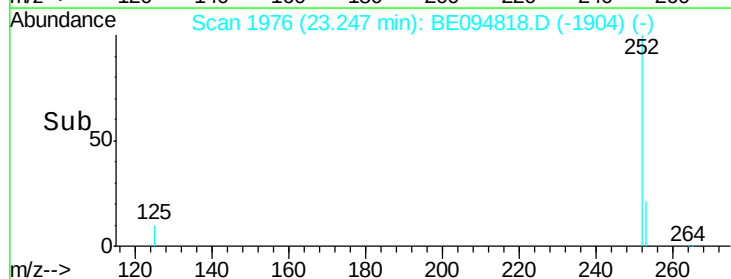
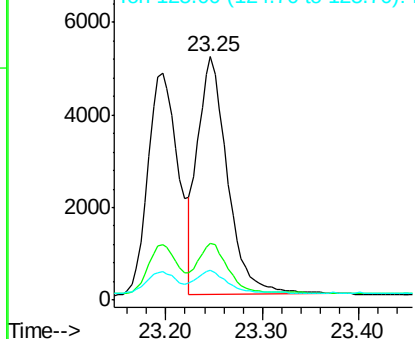
252 100

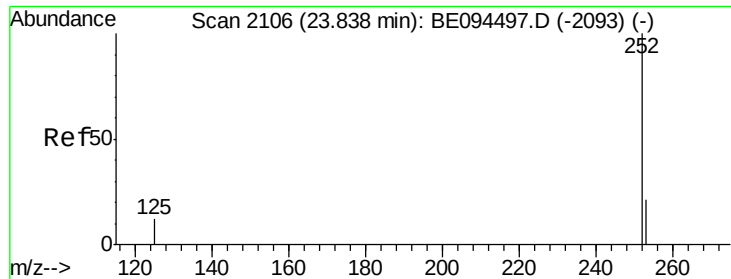
253 23.6 48.0 72.0#

125 12.4 56.0 84.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.87 min Scan# 2114

Delta R.T. 0.04 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :

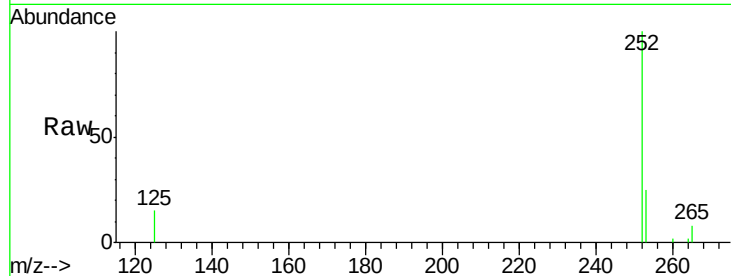
Tot Ion:252 Resp: 10376

Ion Ratio Lower Upper

252 100

253 24.8 52.0 78.0#

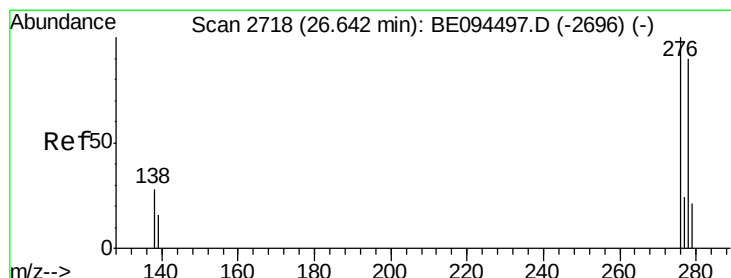
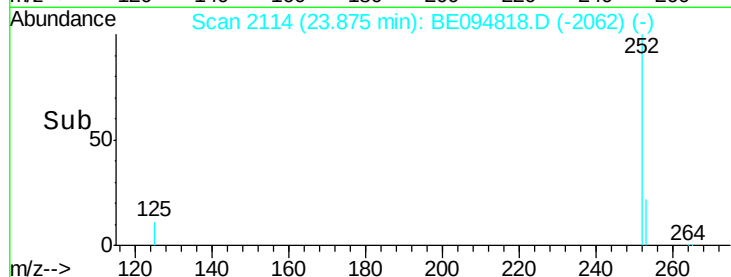
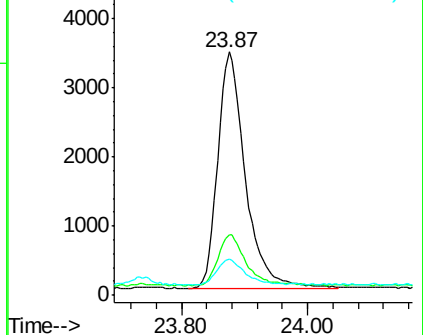
125 14.9 68.0 102.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.39 ng

RT: 26.69 min Scan# 2728

Delta R.T. 0.05 min

Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

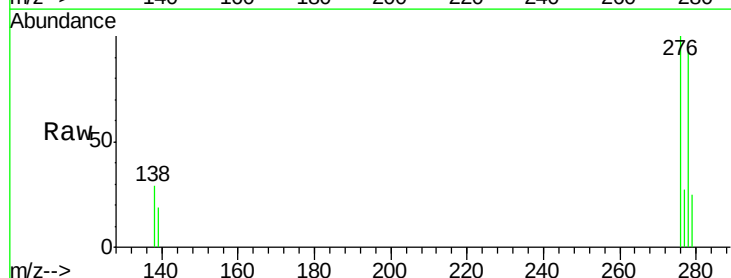
Tgt Ion:278 Resp: 9581

Ion Ratio Lower Upper

278 100

139 20.2 56.0 84.0#

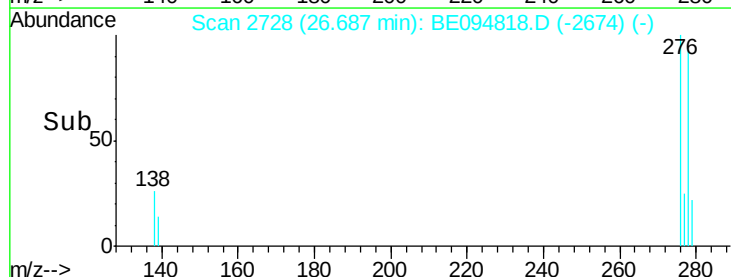
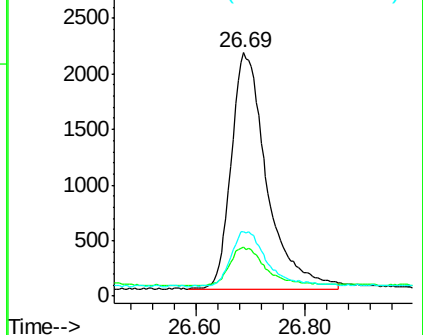
279 26.6 52.0 78.0#

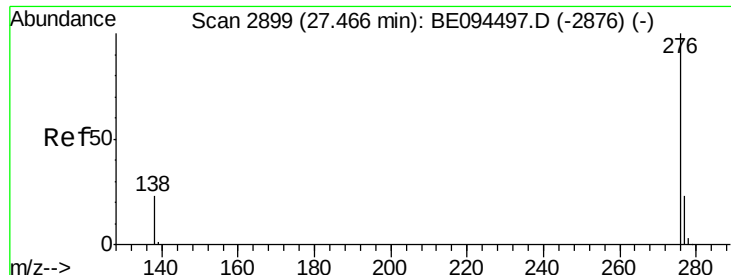


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.42 ng

RT: 27.55 min Scan# 2918

Delta R.T. 0.09 min

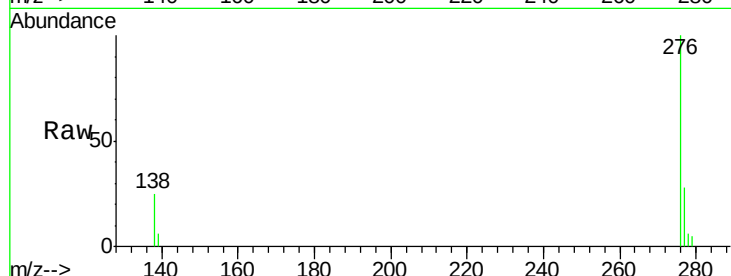
Lab File: BE094818.D

Acq: 15 Nov 2017 17:09

Instrument :

BNA_E

ClientSampleId :



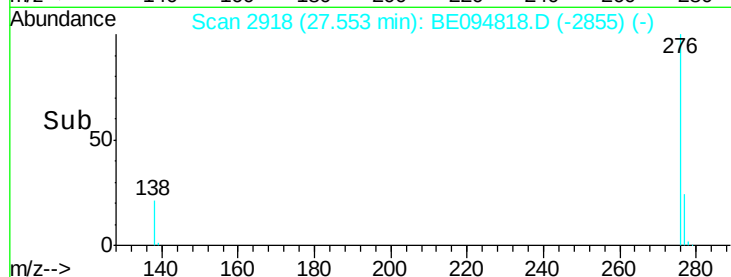
Tot Ion: 276 Resp: 9514

Ion Ratio Lower Upper

276 100

277 27.5 52.0 78.0#

138 25.1 44.0 66.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

