

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE121117\
 Data File : BE094974.D
 Acq On : 11 Dec 2017 15:26
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 11 16:16:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7577	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17084	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	9911	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	23254	0.40	ng	0.01
27) Chrysene-d12	21.89	240	26056	0.40	ng	0.00
34) Perylene-d12	24.57	264	20387	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.95	112	4482	0.37	ng	0.00
5) Phenol-d6	7.60	99	6944	0.39	ng	0.01
8) Nitrobenzene-d5	9.66	82	5914	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	11131	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.55	330	844	0.42	ng	0.01
15) 2-Fluorobiphenyl	13.71	172	17004	0.40	ng	0.00
25) Fluoranthene-d10	19.76	212	116123	0.37	ng	0.00
29) Terphenyl-d14	20.33	244	19243	0.40	ng	0.00

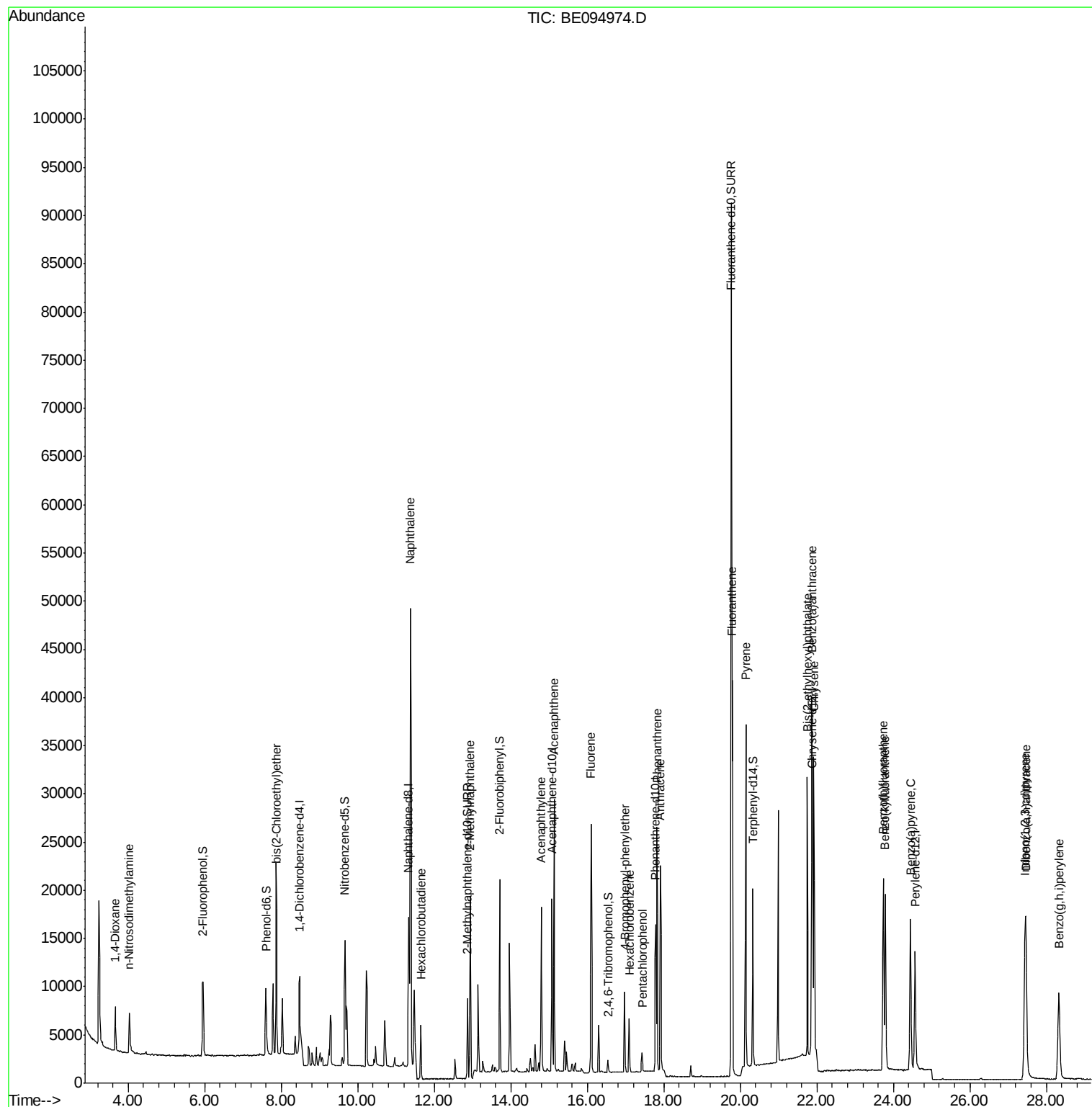
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	3561	0.449	ng	# 84
3) n-Nitrosodimethylamine	4.02	42	3589	0.355	ng	# 91
6) bis(2-Chloroethyl)ether	7.88	93	7025	0.399	ng	96
9) Naphthalene	11.38	128	80571	0.402	ng	99
10) Hexachlorobutadiene	11.64	225	3601	0.426	ng	97
12) 2-Methylnaphthalene	12.94	142	19949	0.401	ng	98
16) Acenaphthylene	14.79	152	20159	0.360	ng	99
17) Acenaphthene	15.13	154	13768	0.380	ng	95
18) Fluorene	16.10	166	16898	0.367	ng	# 78
20) 4-Bromophenyl-phenylether	16.98	248	5194	0.400	ng	# 65
21) Hexachlorobenzene	17.10	284	5248	0.415	ng	# 82
22) Pentachlorophenol	17.43	266	1090	0.393	ng	# 74
23) Phenanthrene	17.82	178	28902	0.390	ng	98
24) Anthracene	17.91	178	29100	0.370	ng	# 95
26) Fluoranthene	19.79	202	34777	0.365	ng	99
28) Pyrene	20.14	202	35071	0.390	ng	98
30) Benzo(a)anthracene	21.87	228	29063	0.364	ng	# 61
31) Chrysene	21.92	228	34015	0.385	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.75	149	37573	0.284	ng	100
33) Indeno(1,2,3-cd)pyrene	27.44	276	27576	0.382	ng	99
35) Benzo(b)fluoranthene	23.73	252	29198	0.392	ng	# 39
36) Benzo(k)fluoranthene	23.79	252	28069	0.370	ng	# 40
37) Benzo(a)pyrene	24.44	252	25393	0.389	ng	# 34
38) Dibenzo(a,h)anthracene	27.47	278	23280	0.386	ng	# 43
39) Benzo(g,h,i)perylene	28.33	276	23195	0.385	ng	# 53

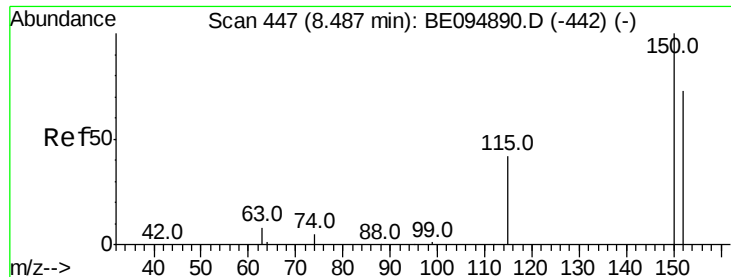
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE121117\
Data File : BE094974.D
Acq On : 11 Dec 2017 15:26
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 11 16:16:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.48 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

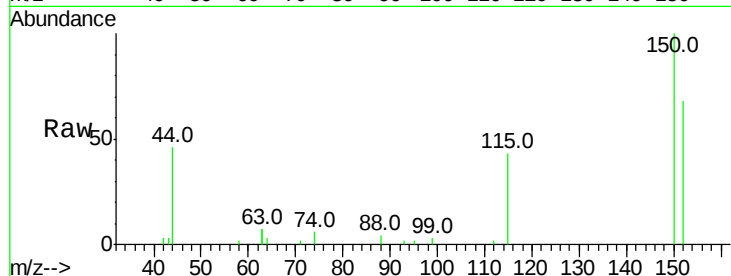
Tot Ion:152 Resp: 7577

Ion Ratio Lower Upper

152 100

150 146.1 117.2 175.8

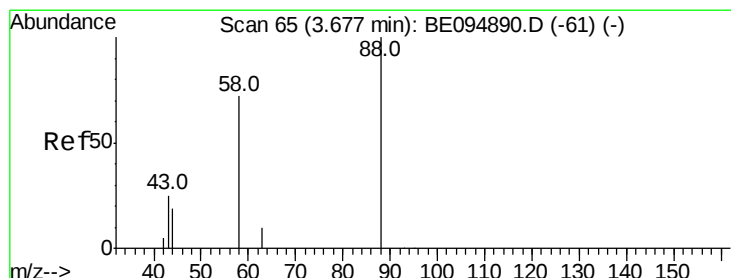
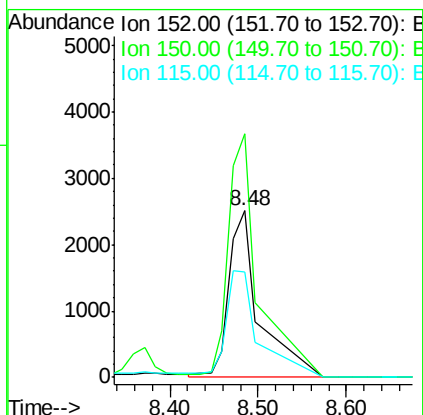
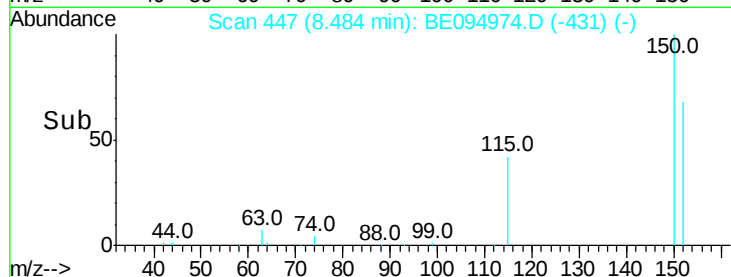
115 63.0 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.449 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

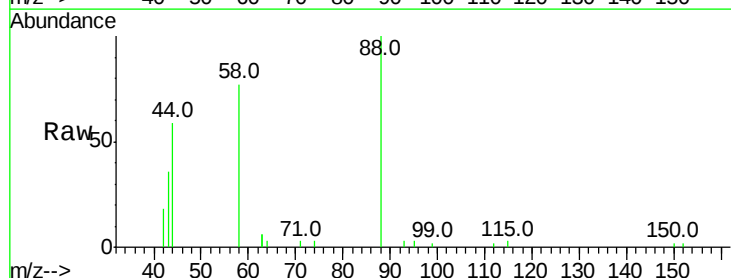
Tgt Ion: 88 Resp: 3561

Ion Ratio Lower Upper

88 100

58 72.4 63.2 94.8

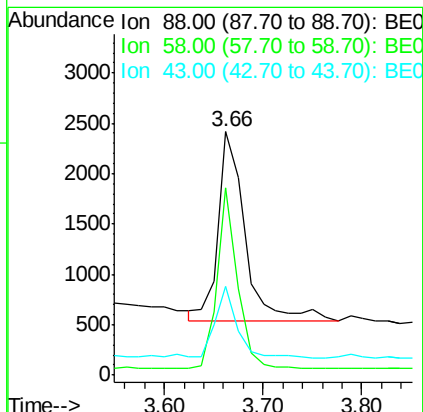
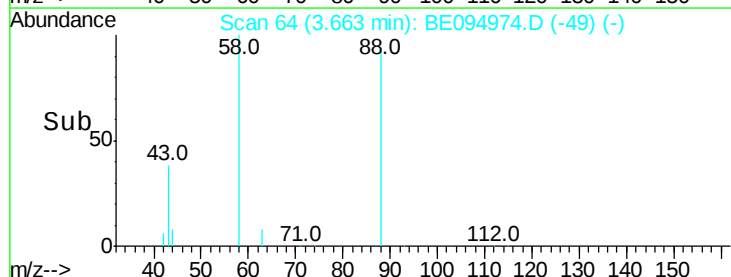
43 30.9 41.2 61.8#

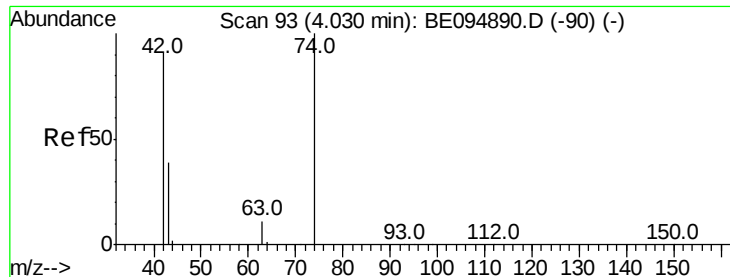


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.355 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

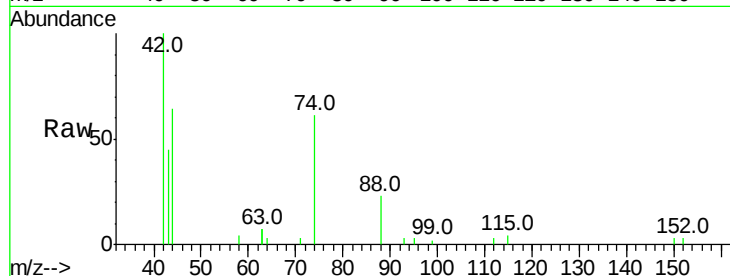
Tot Ion: 42 Resp: 3589

Ion Ratio Lower Upper

42 100

74 116.2 100.3 150.5

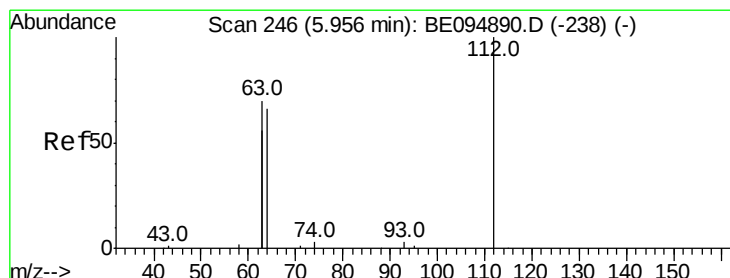
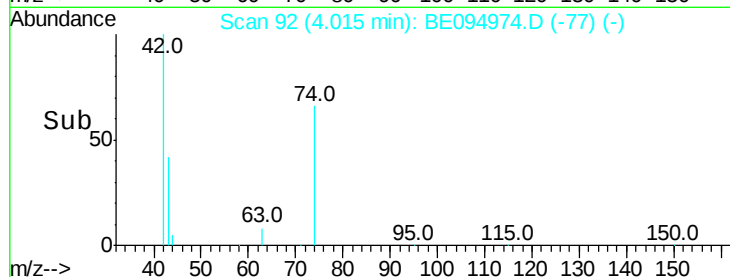
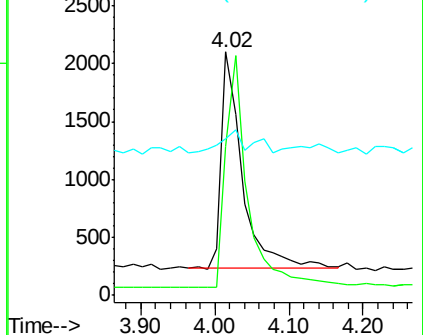
44 14.9 17.0 25.4#



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: 0.374 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

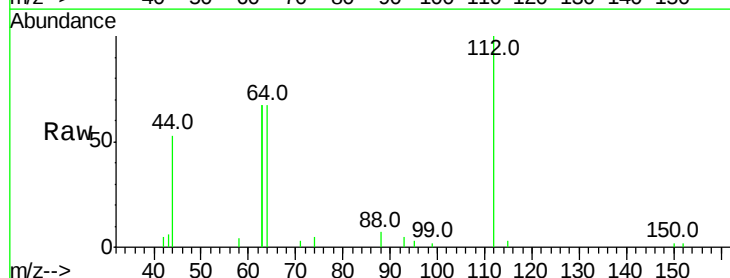
Tgt Ion: 112 Resp: 4482

Ion Ratio Lower Upper

112 100

64 78.2 60.1 90.1

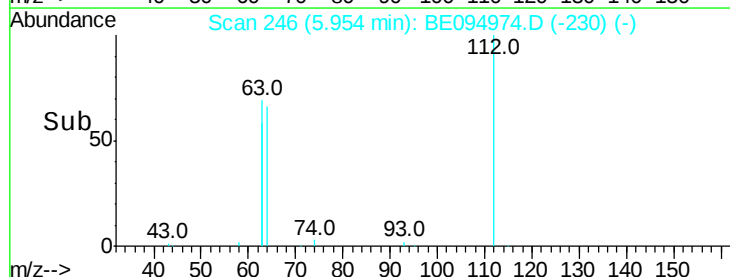
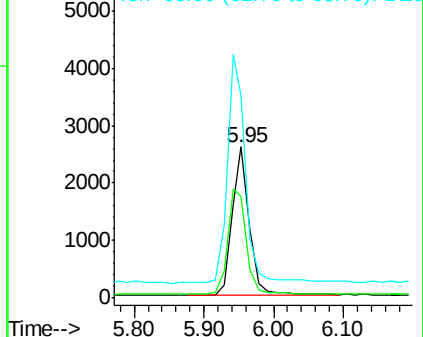
63 167.0 116.8 175.2

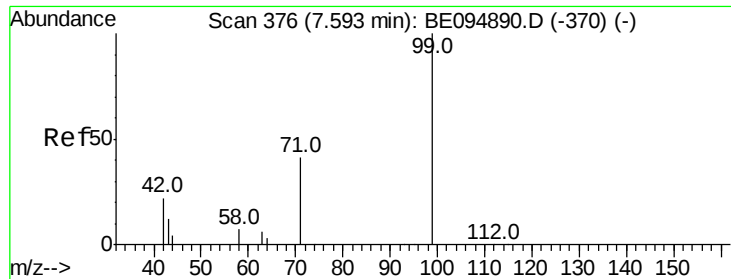


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.391 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampled :

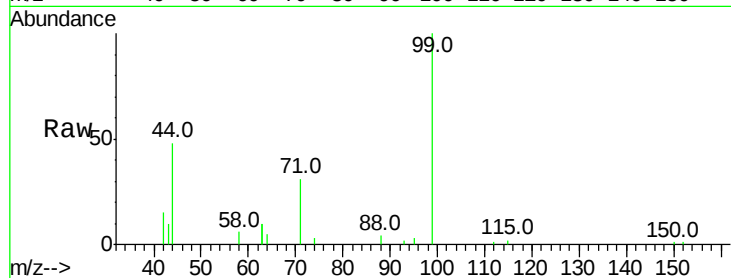
Tot Ion: 99 Resp: 6944

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

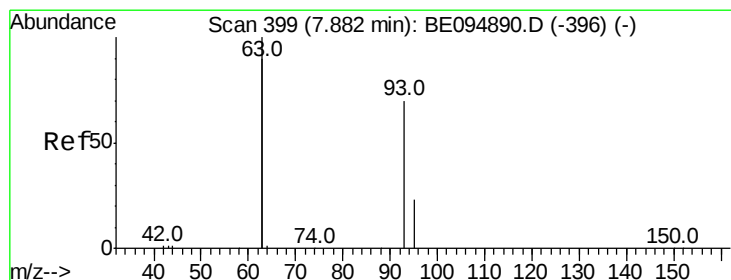
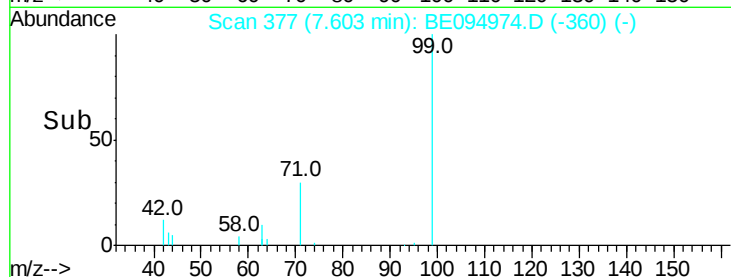
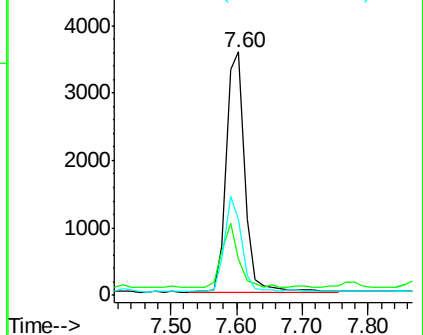
71 35.8 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

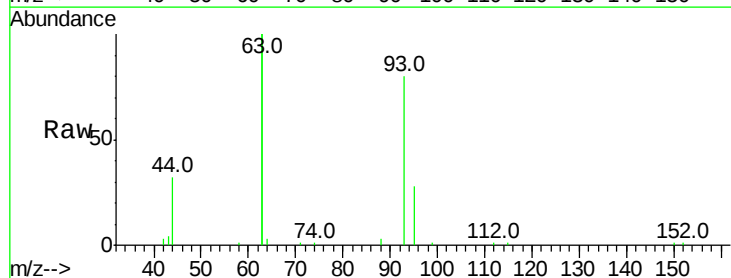
Tgt Ion: 93 Resp: 7025

Ion Ratio Lower Upper

93 100

63 334.3 275.3 412.9

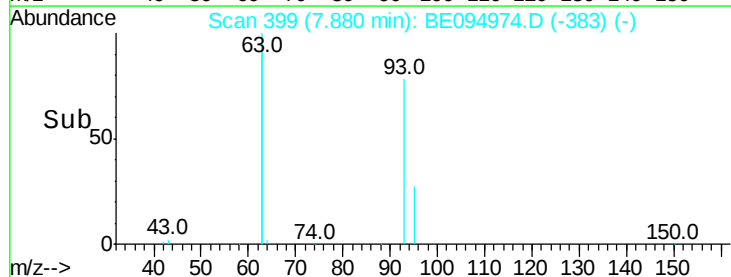
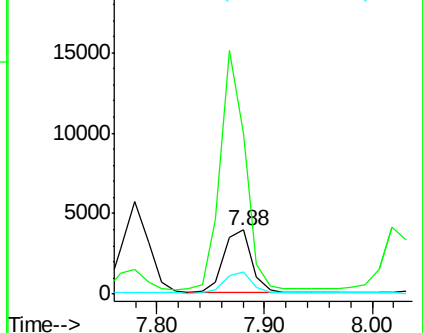
95 32.5 25.2 37.8

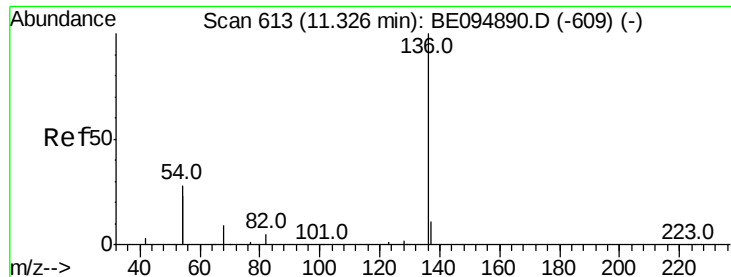


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17084

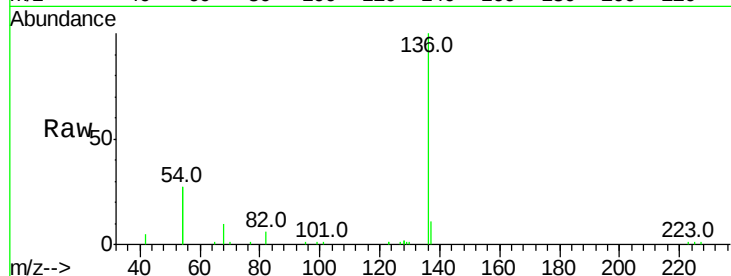
Ion Ratio Lower Upper

136 100

137 10.6 9.5 14.3

54 54.2 29.1 43.7#

68 10.4 6.2 9.2#

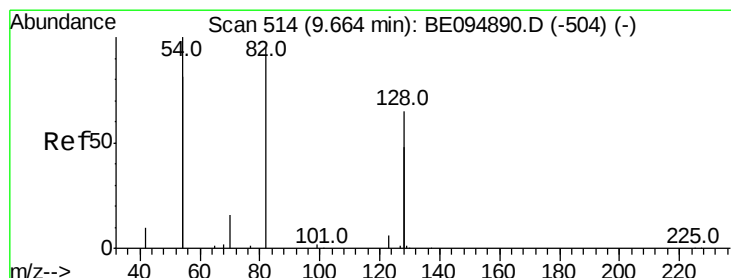
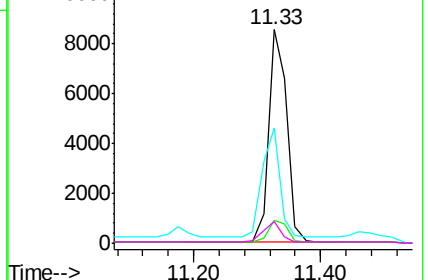
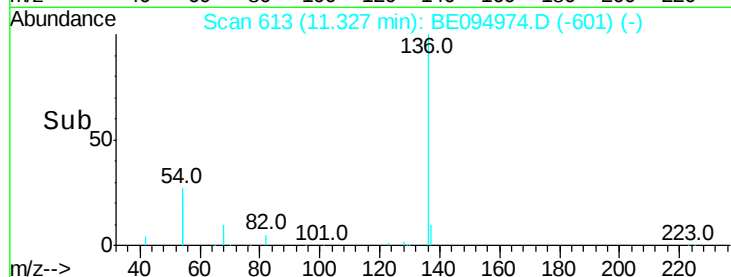


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.585 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

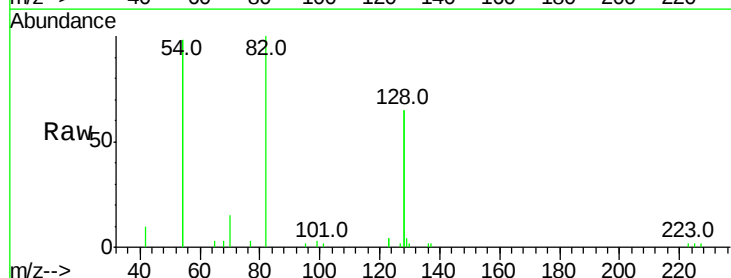
Tgt Ion: 82 Resp: 5914

Ion Ratio Lower Upper

82 100

128 129.3 150.0 225.0#

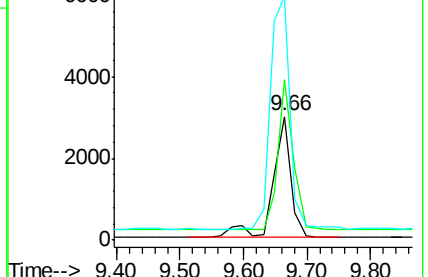
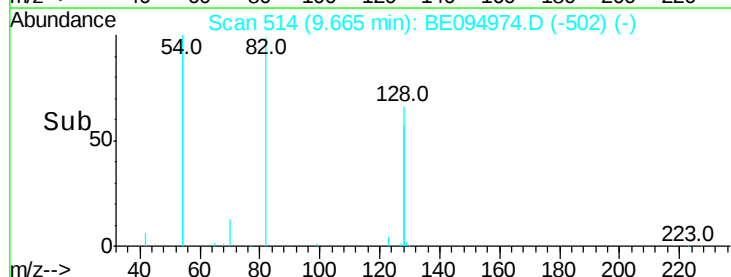
54 196.8 154.2 231.4

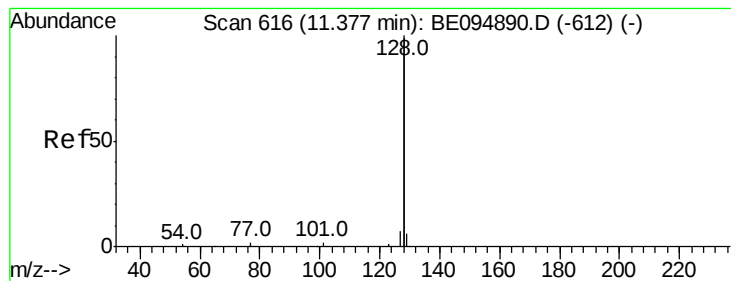


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.402 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

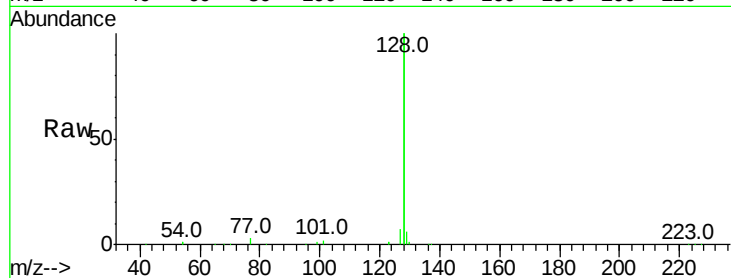
Tot Ion:128 Resp: 80571

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

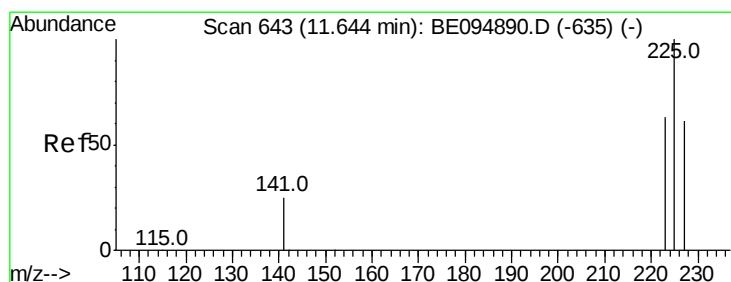
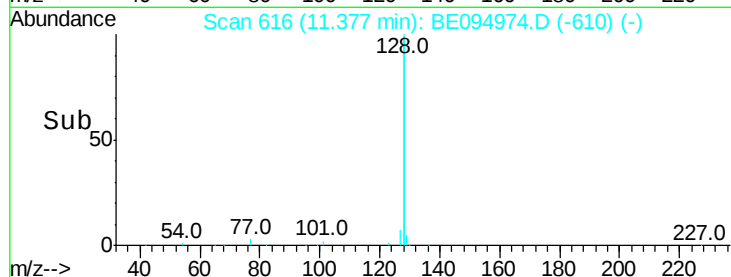
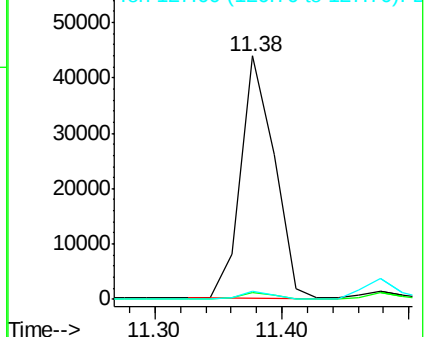
127 3.4 2.8 4.2



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: 0.426 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

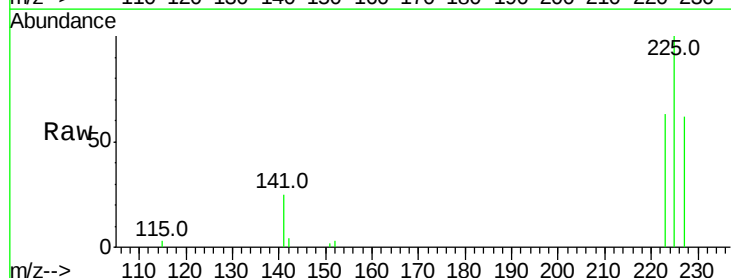
Tgt Ion:225 Resp: 3601

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

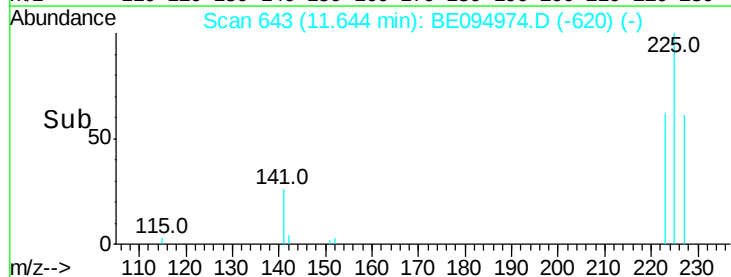
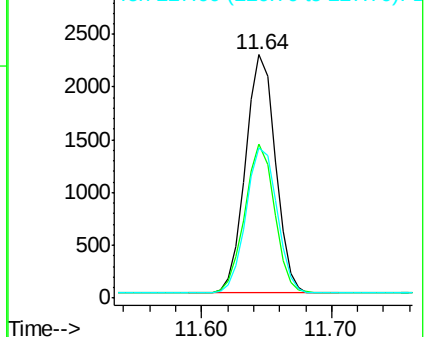
227 63.4 51.4 77.2

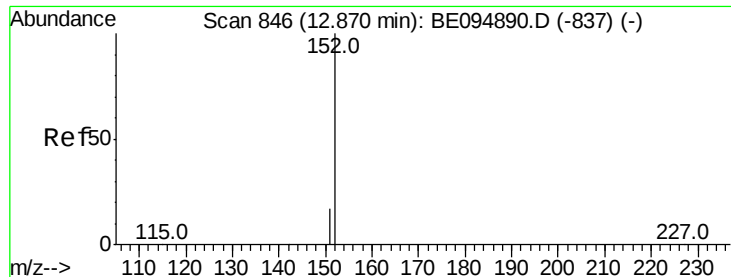


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 12.87 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

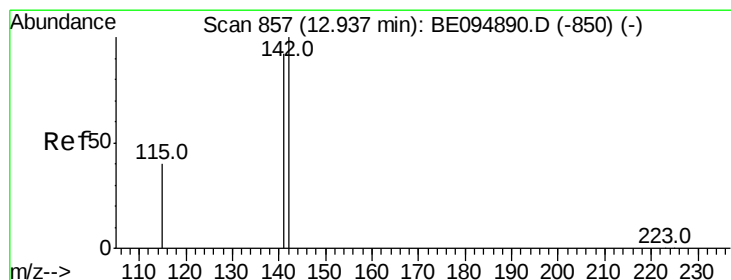
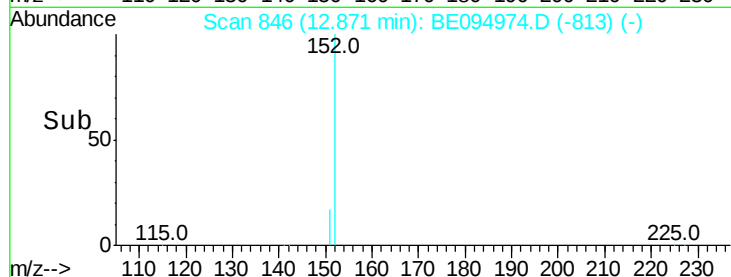
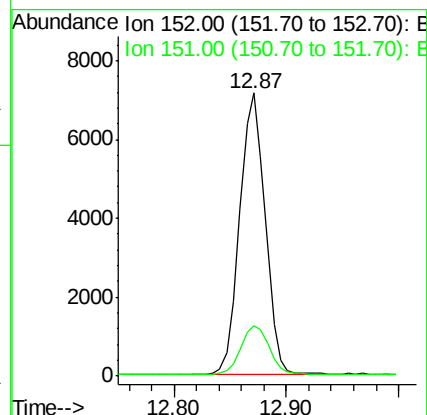
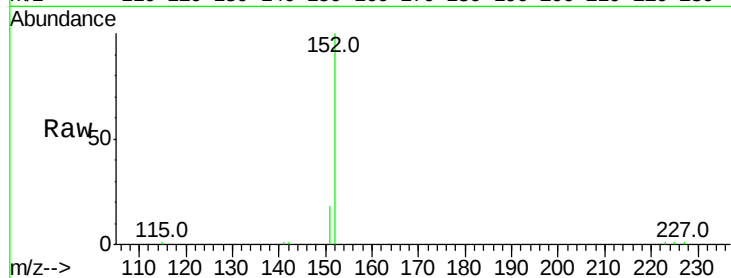
ClientSampleId :

Tot Ion:152 Resp: 11131

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 12.94 min Scan# 858

Delta R.T. 0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

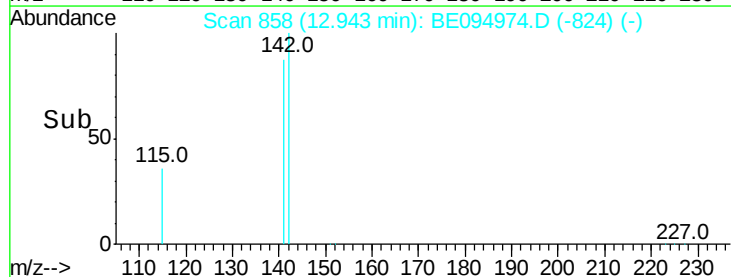
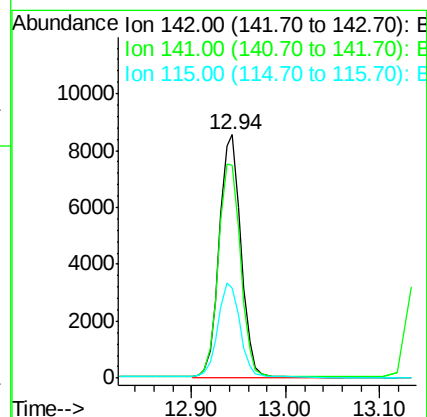
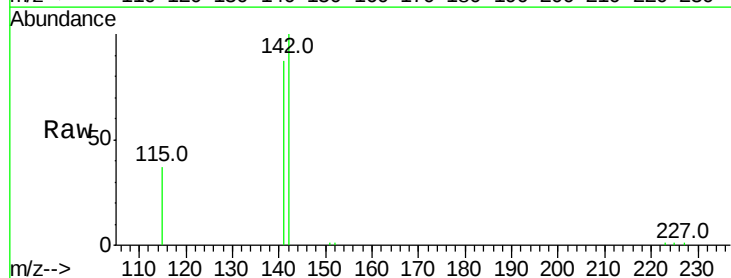
Tgt Ion:142 Resp: 19949

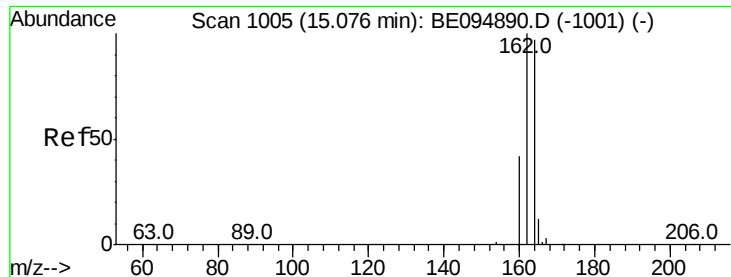
Ion Ratio Lower Upper

142 100

141 87.2 70.4 105.6

115 37.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.07 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

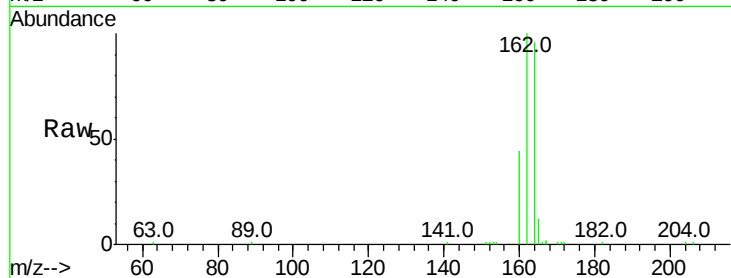
Instrument :

BNA_E

ClientSampleId :

Tot Ion:164 Resp: 9911

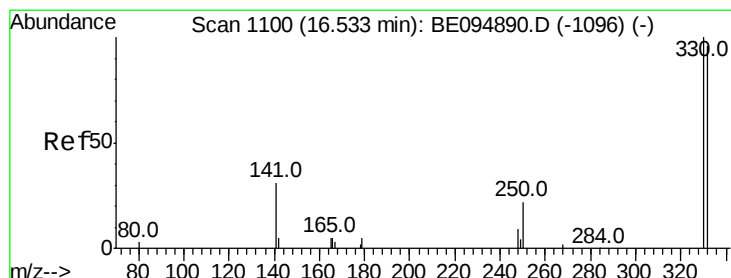
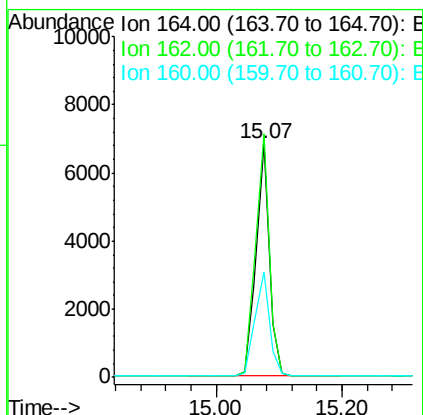
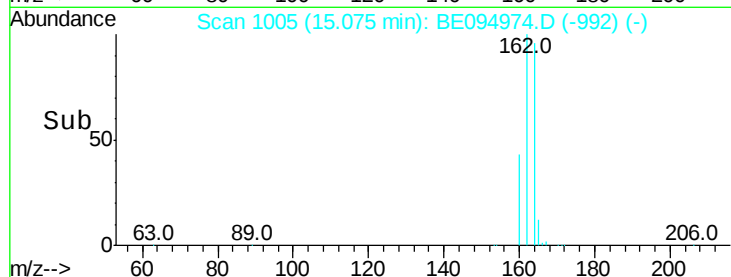
Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	45.4	37.1	55.7



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: 0.420 ng

RT: 16.55 min Scan# 1101

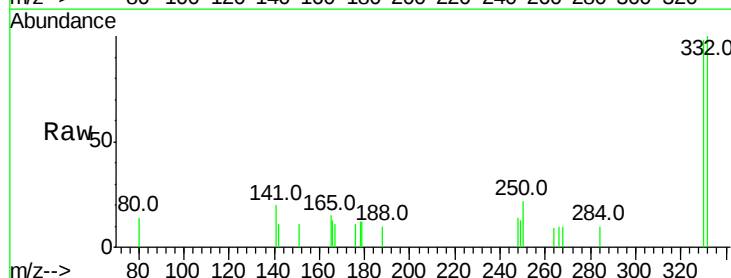
Delta R.T. 0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Tgt Ion:330 Resp: 844

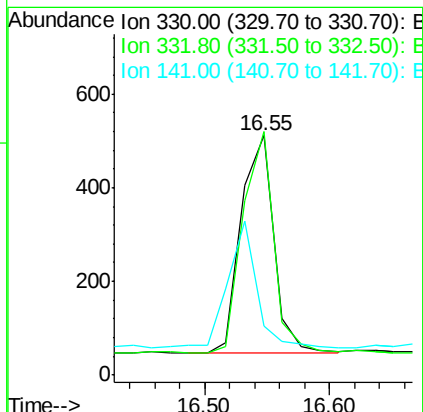
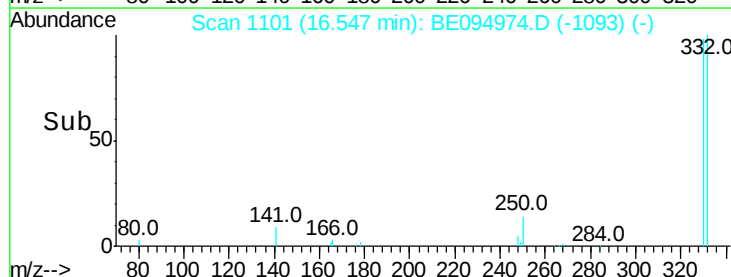
Ion	Ratio	Lower	Upper
330	100		
332	98.6	152.7	229.1#
141	52.3	33.7	50.5#

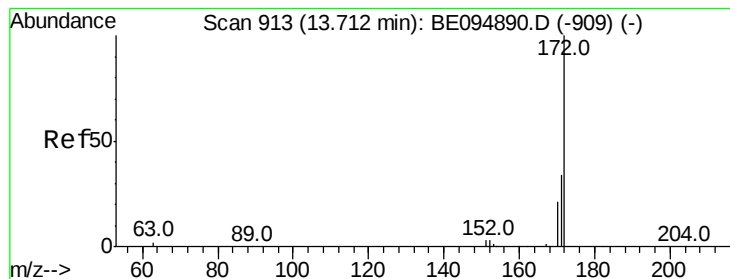


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.401 ng

RT: 13.71 min Scan# 913

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

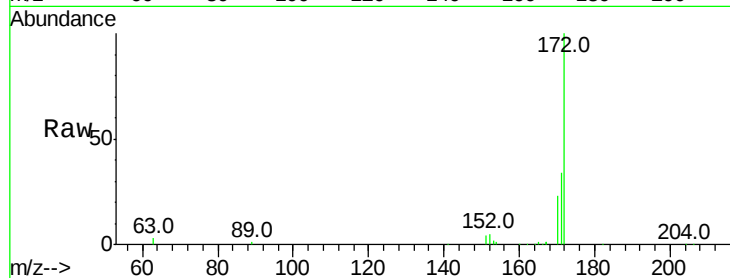
Tot Ion:172 Resp: 17004

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

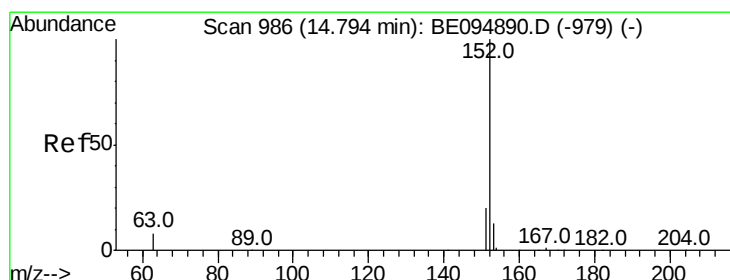
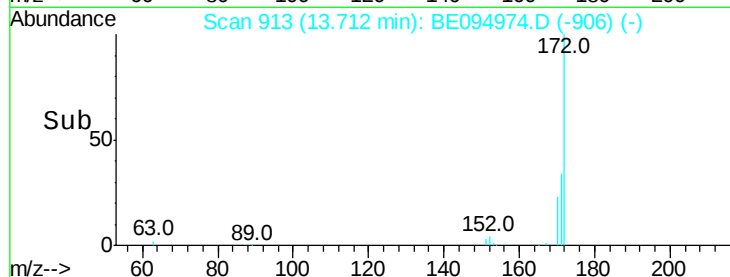
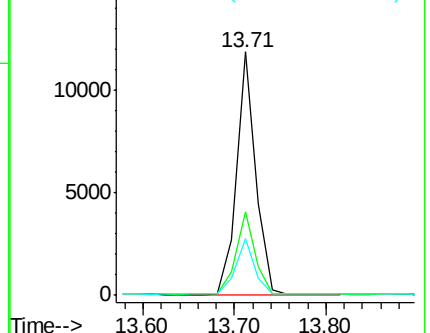
170 23.1 21.8 32.8



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: 0.360 ng

RT: 14.79 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

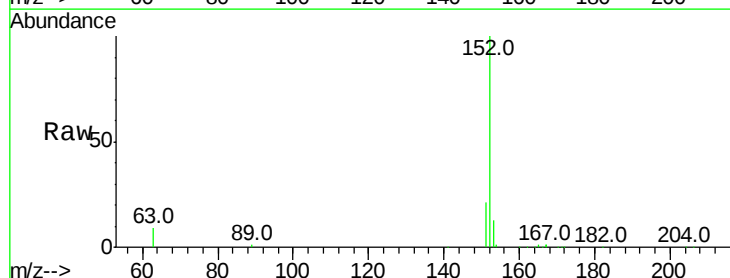
Tgt Ion:152 Resp: 20159

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

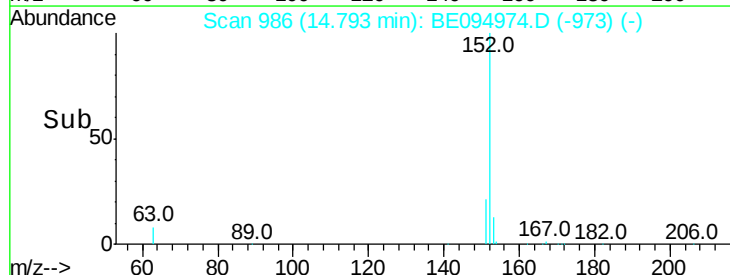
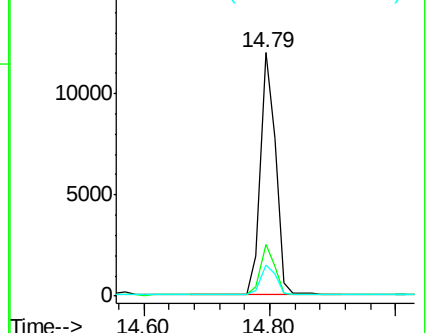
153 12.6 10.5 15.7

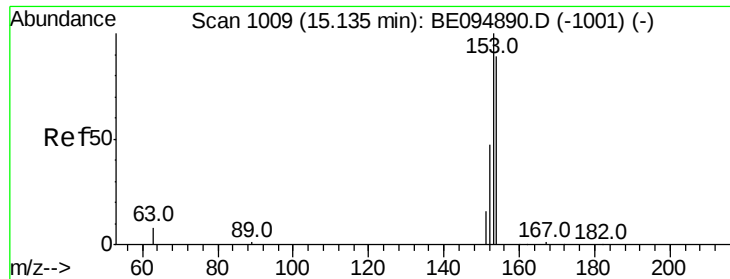


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.380 ng

RT: 15.13 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

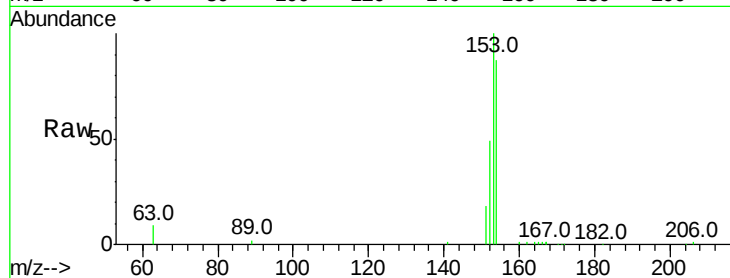
Tot Ion:154 Resp: 13768

Ion Ratio Lower Upper

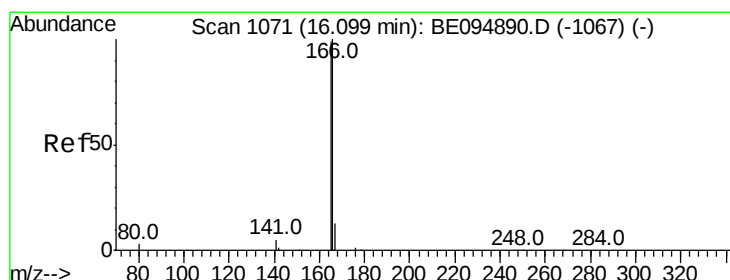
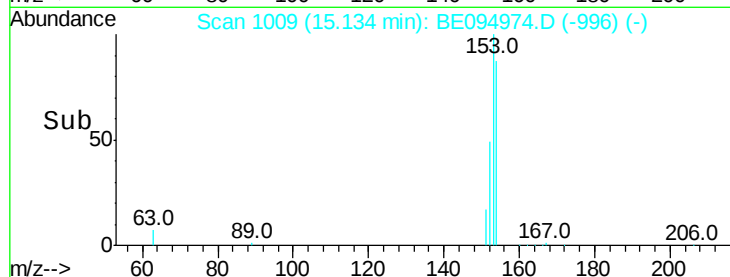
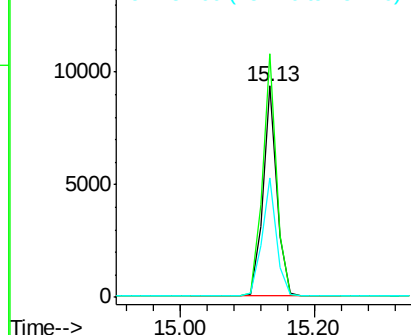
154 100

153 115.0 89.2 133.8

152 57.9 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: 0.367 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

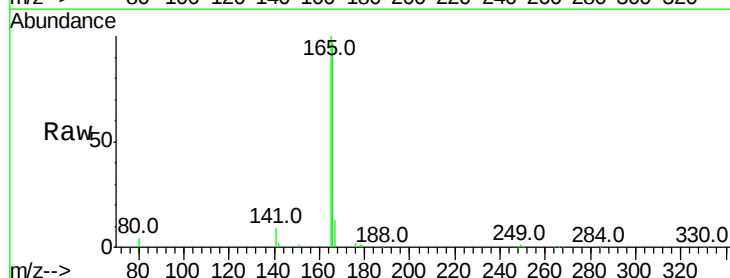
Tgt Ion:166 Resp: 16898

Ion Ratio Lower Upper

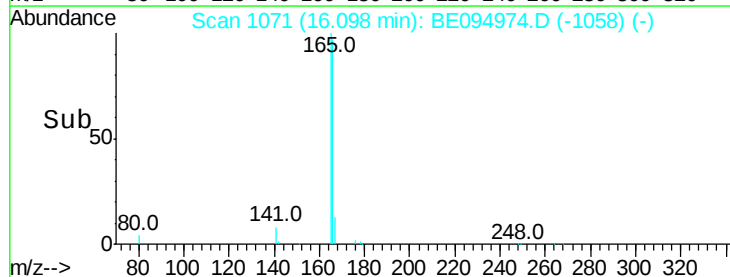
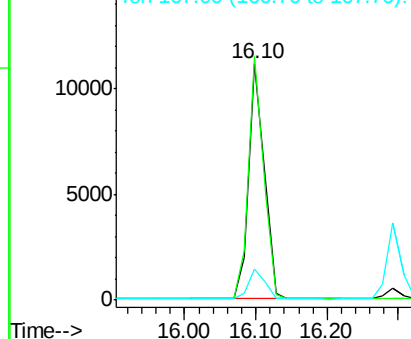
166 100

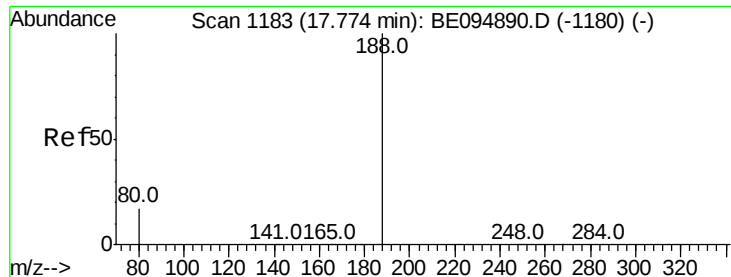
165 100.9 77.8 116.6

167 13.3 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.79 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

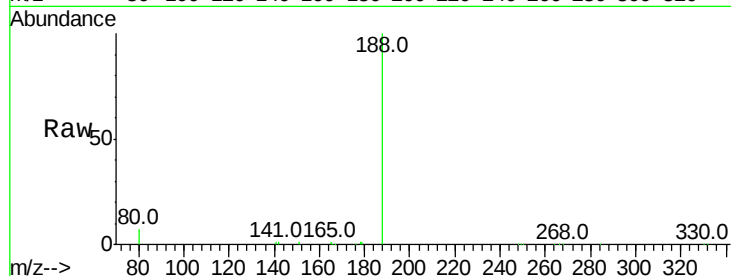
Tot Ion:188 Resp: 23254

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

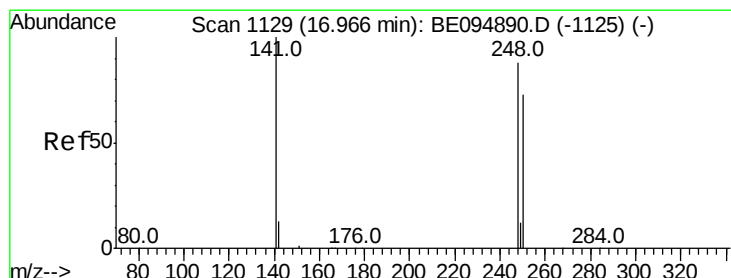
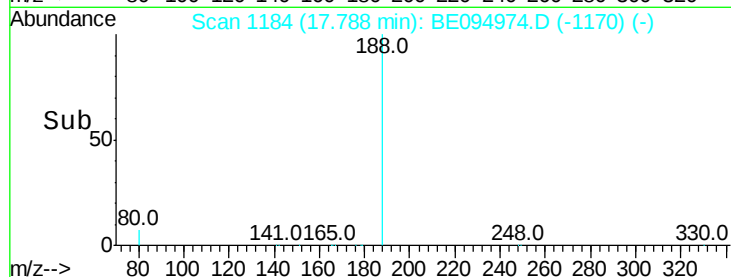
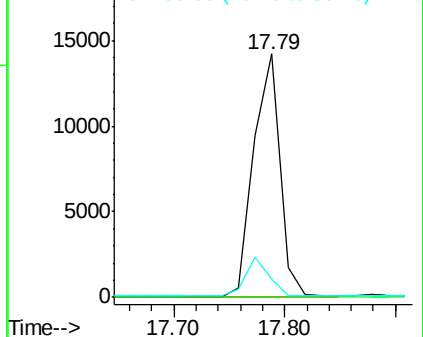
80 7.4 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.98 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

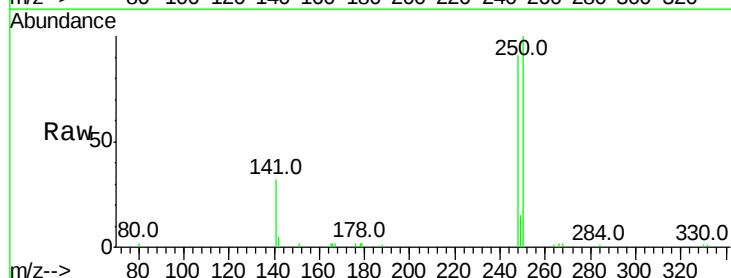
Tgt Ion:248 Resp: 5194

Ion Ratio Lower Upper

248 100

250 109.4 62.7 94.1#

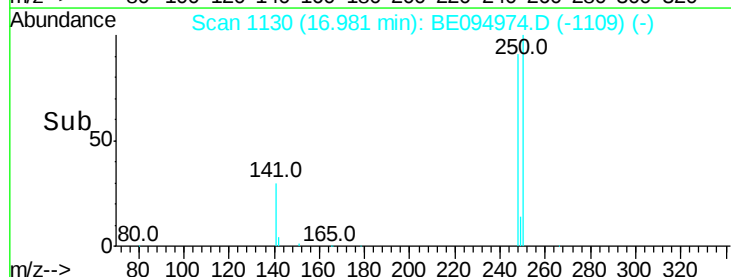
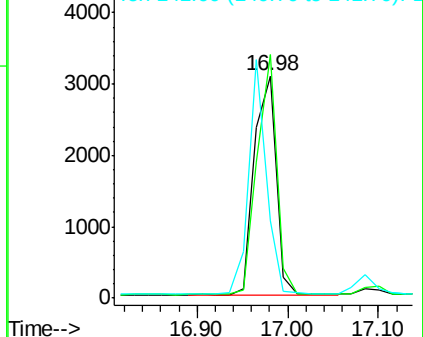
141 34.9 48.2 72.2#

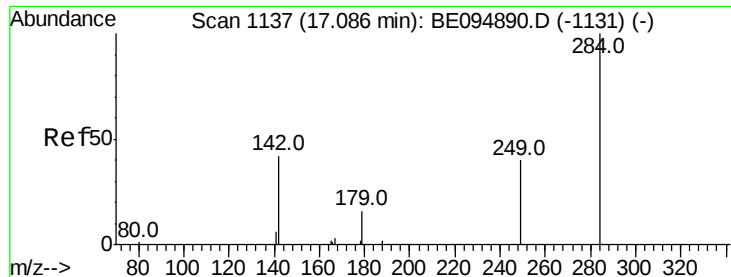


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 17.10 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

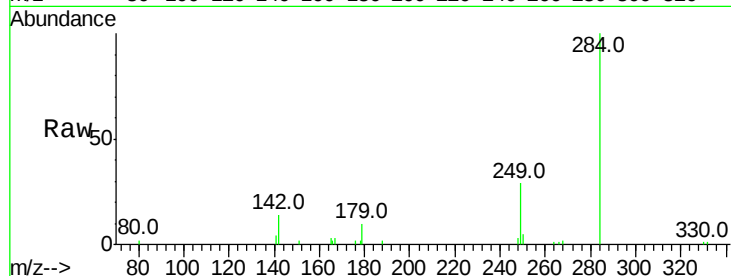
Tot Ion:284 Resp: 5248

Ion Ratio Lower Upper

284 100

142 42.5 22.1 33.1#

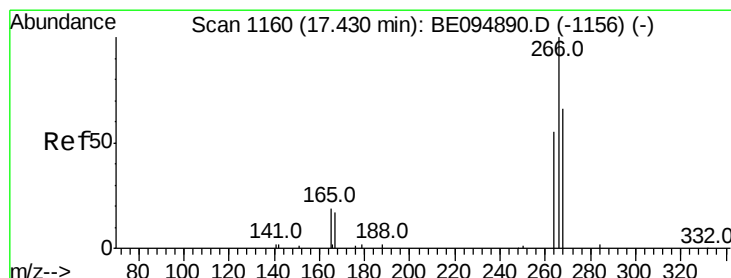
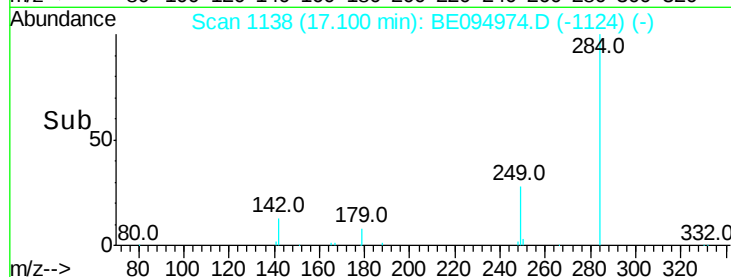
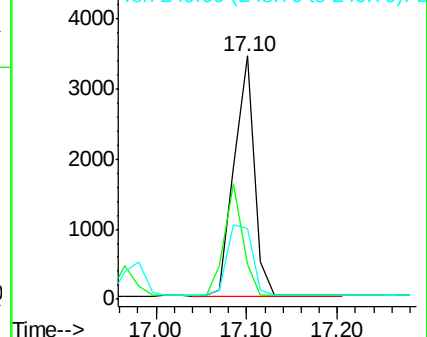
249 36.2 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.393 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

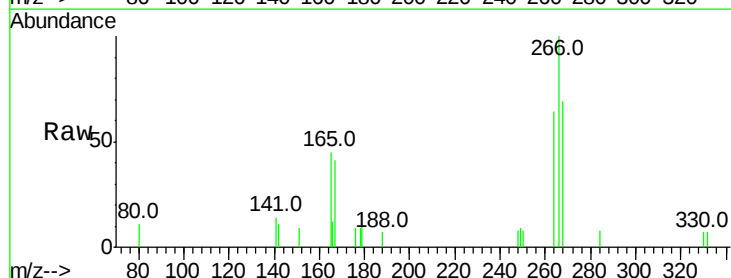
Tgt Ion:266 Resp: 1090

Ion Ratio Lower Upper

266 100

264 64.0 72.5 108.7#

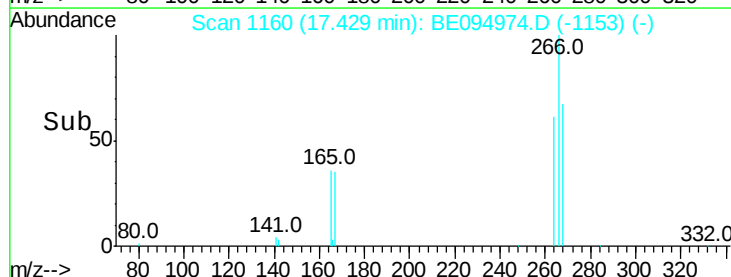
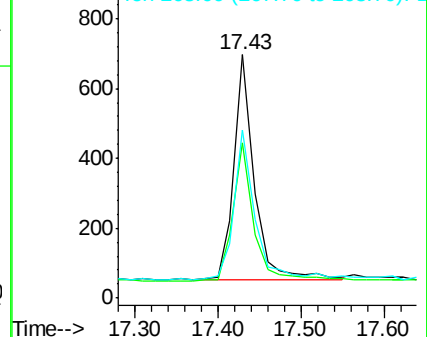
268 69.3 73.8 110.6#

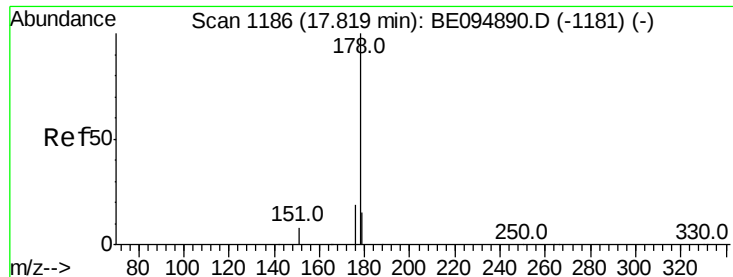


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.390 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

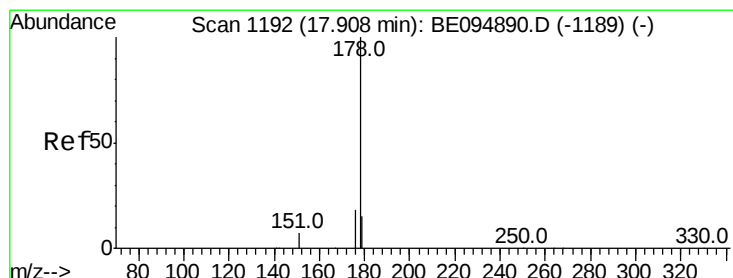
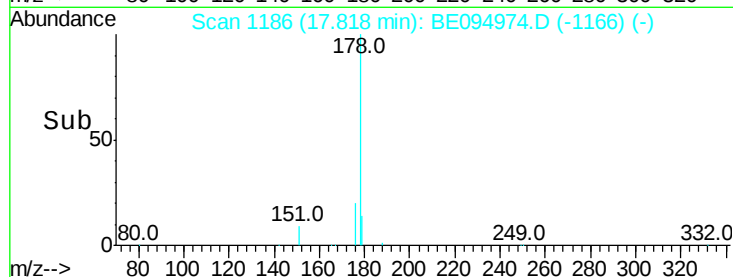
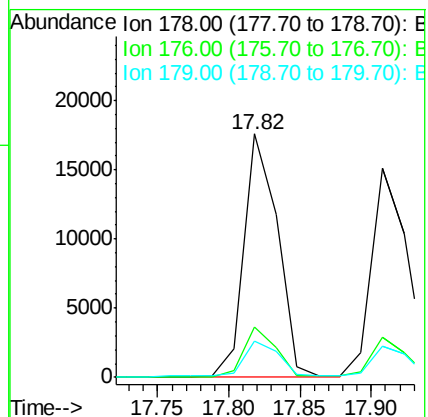
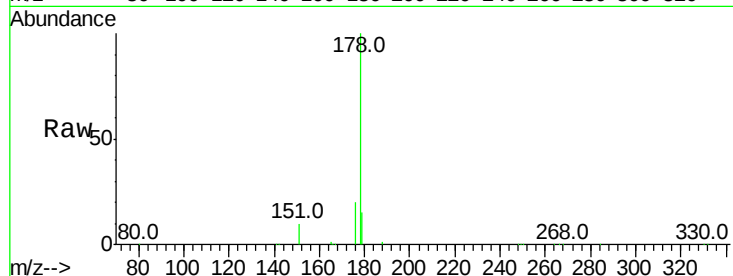
Tot Ion:178 Resp: 28902

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 15.6 11.8 17.6



#24

Anthracene

Concen: 0.370 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

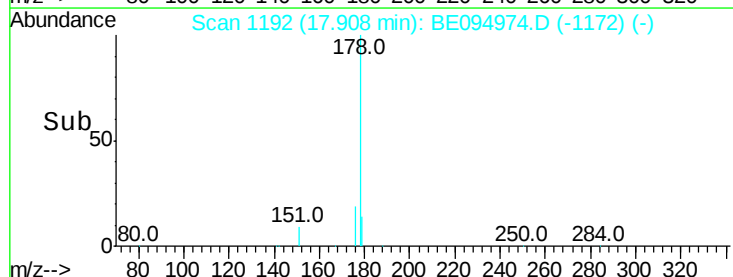
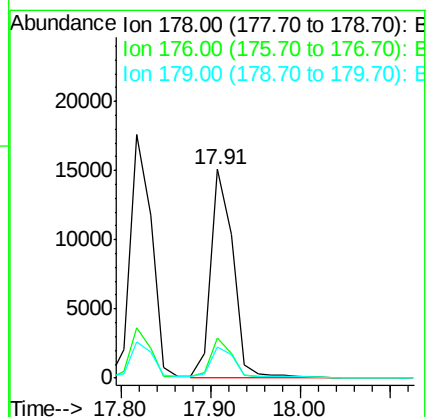
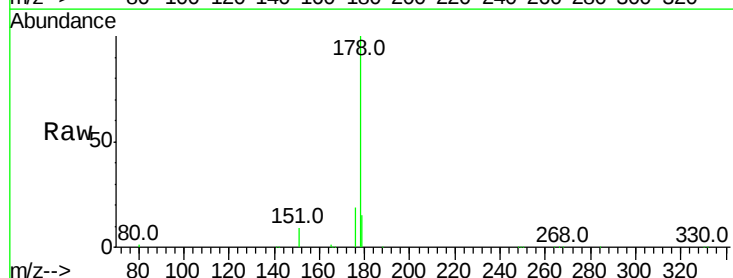
Tgt Ion:178 Resp: 29100

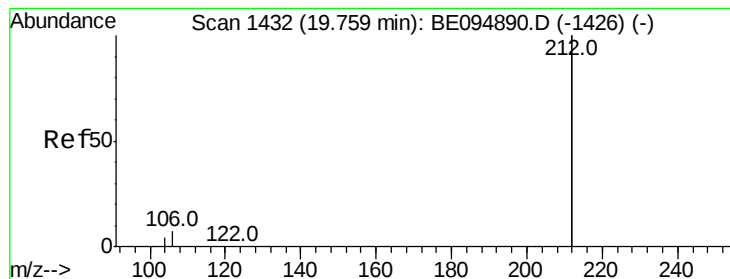
Ion Ratio Lower Upper

178 100

176 19.8 12.8 19.2#

179 16.9 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

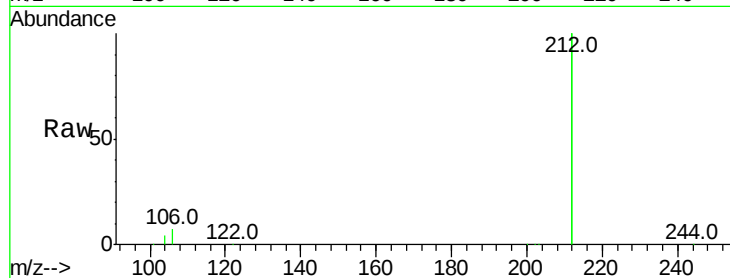
Tot Ion:212 Resp: 116123

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

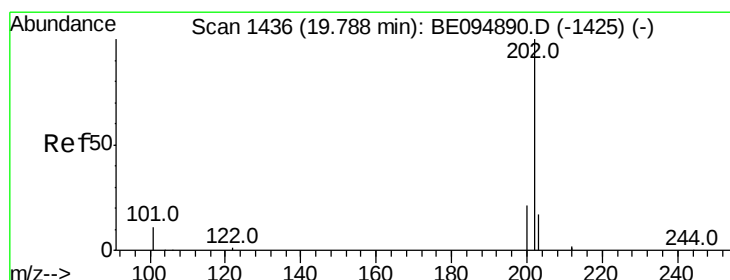
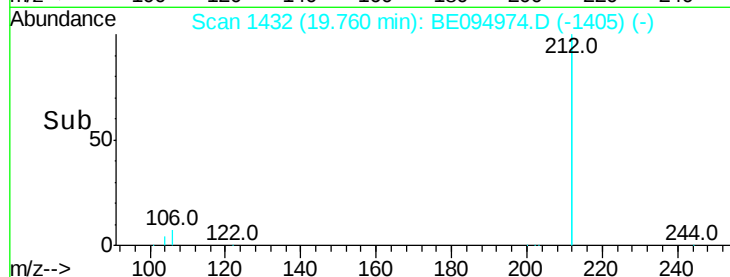
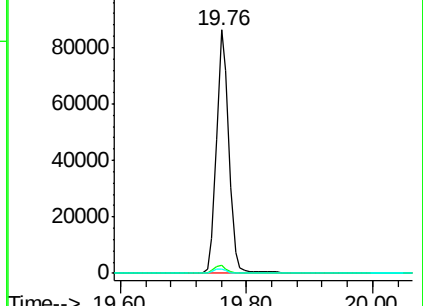
104 1.9 1.6 2.4



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



#26

Fluoranthene

Concen: 0.365 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

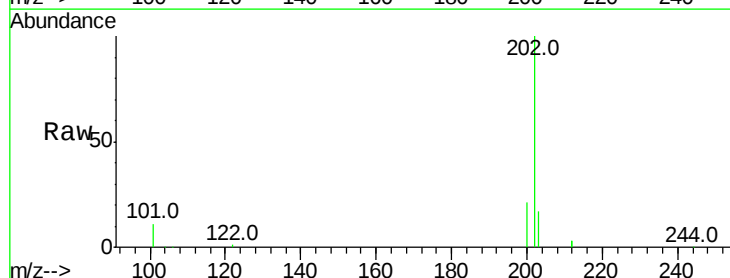
Tgt Ion:202 Resp: 34777

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

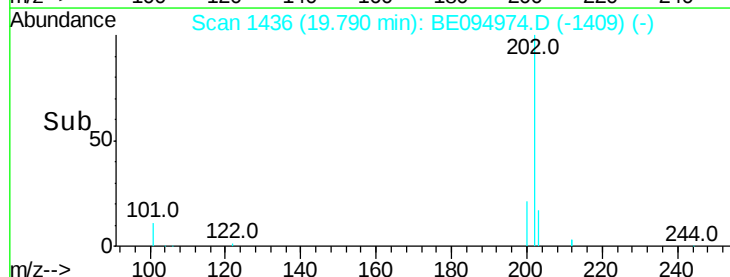
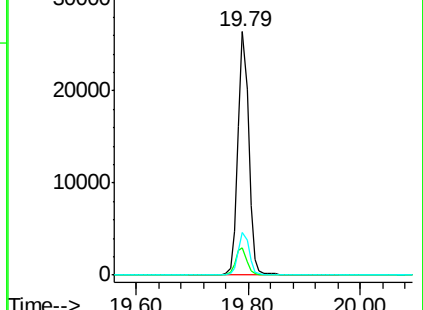
203 17.3 13.7 20.5

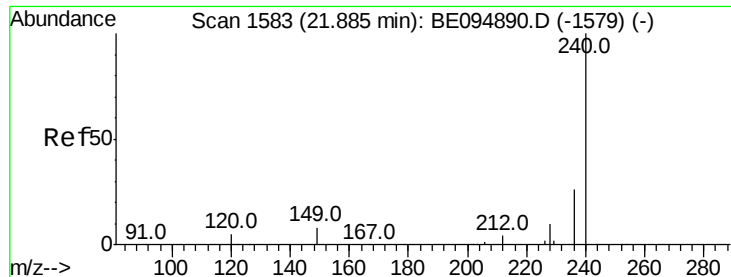


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

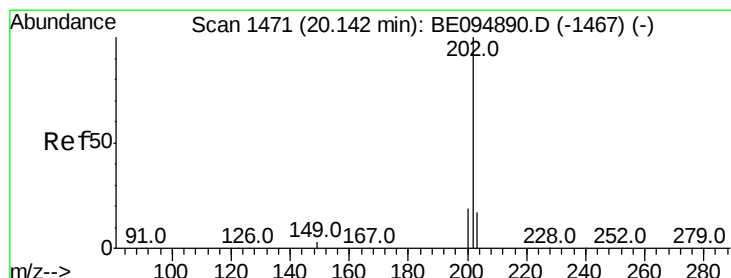
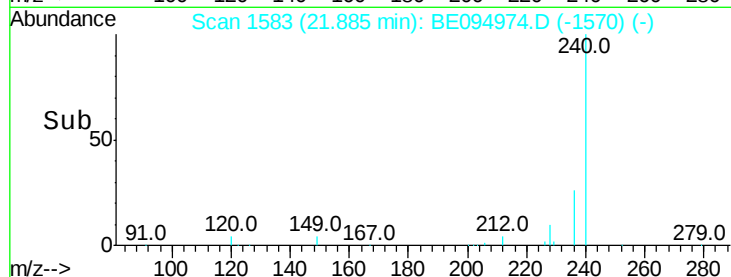
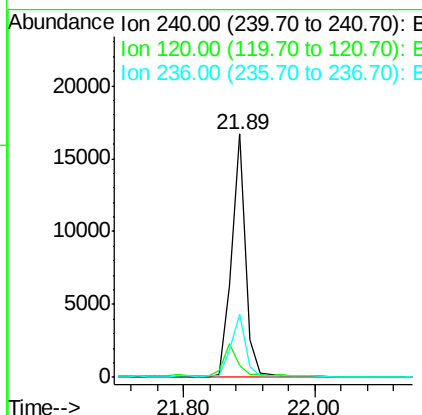
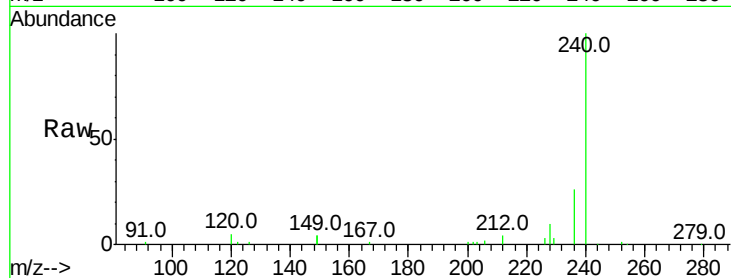




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.89 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BE094974.D
 Acq: 11 Dec 2017 15:26

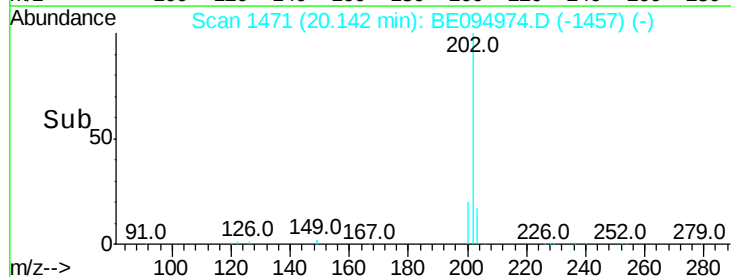
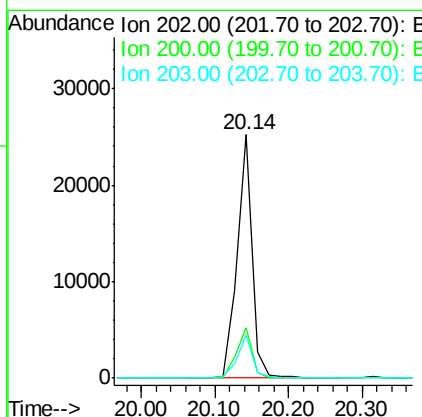
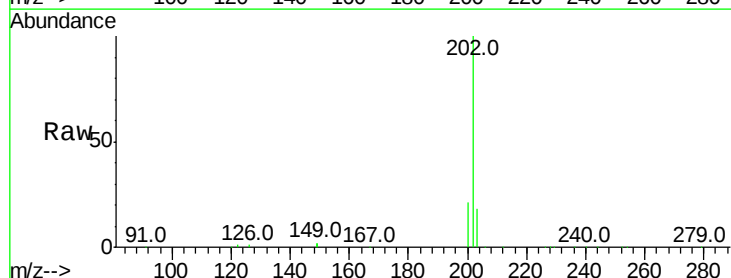
Instrument :
 BNA_E
 ClientSampleId :

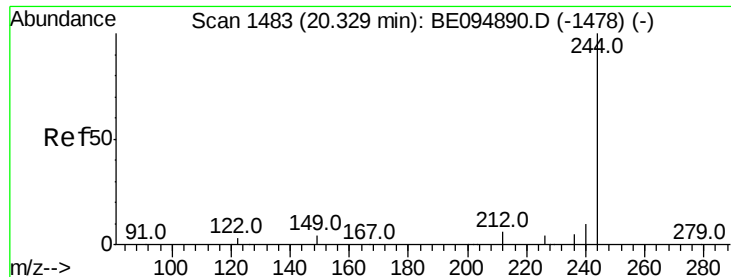
Tot Ion:240 Resp: 26056
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.5 8.3#
 236 25.9 20.7 31.1



#28
 Pyrene
 Concen: 0.390 ng
 RT: 20.14 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BE094974.D
 Acq: 11 Dec 2017 15:26

Tgt Ion:202 Resp: 35071
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 25.0
 203 19.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

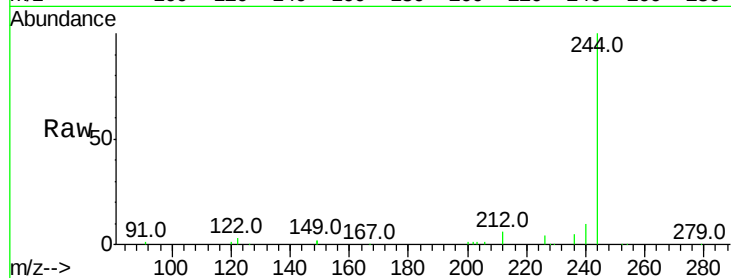
Tot Ion:244 Resp: 19243

Ion Ratio Lower Upper

244 100

212 6.4 25.4 38.0#

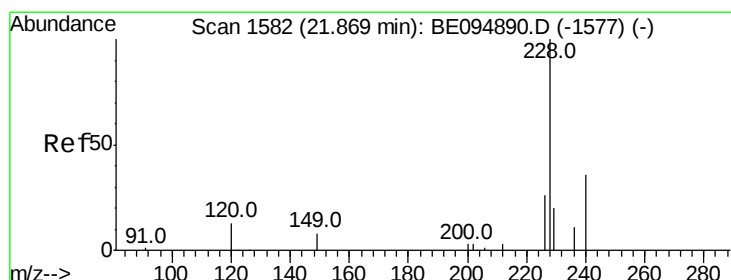
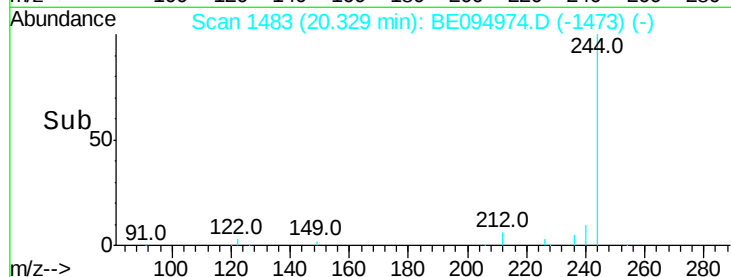
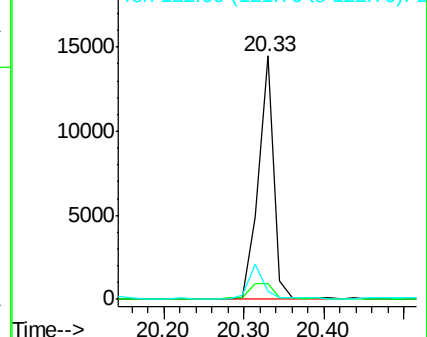
122 3.3 8.1 12.1#



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: 0.364 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

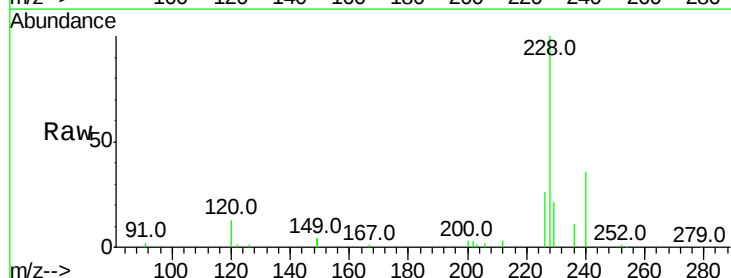
Tgt Ion:228 Resp: 29063

Ion Ratio Lower Upper

228 100

226 26.1 40.0 60.0#

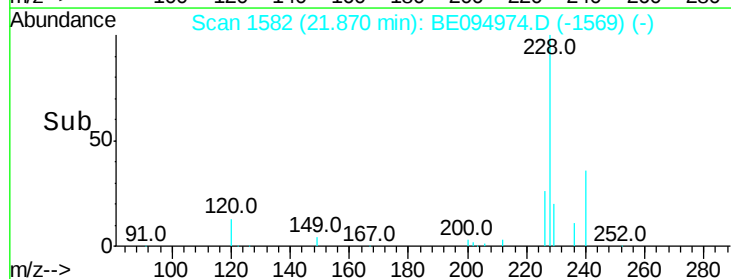
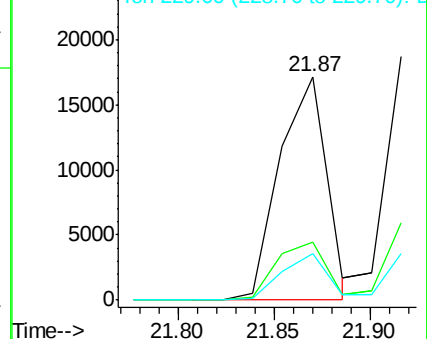
229 20.6 40.0 60.0#

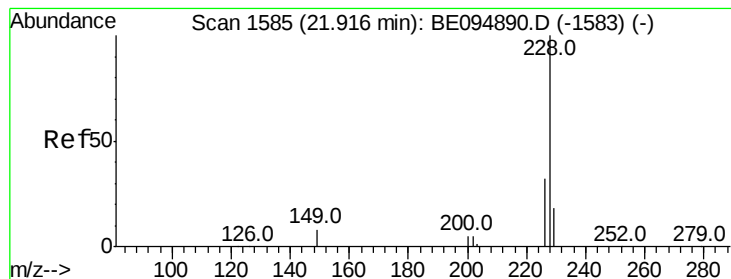


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.385 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

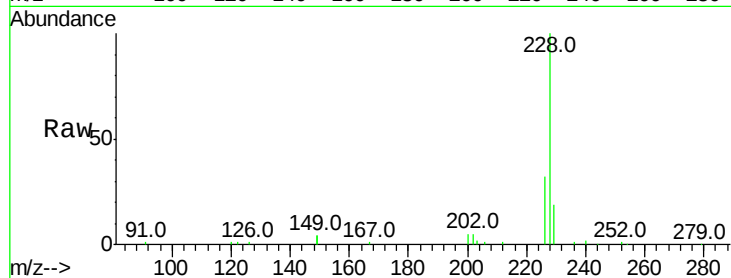
Tot Ion:228 Resp: 34015

Ion Ratio Lower Upper

228 100

226 31.7 40.0 60.0#

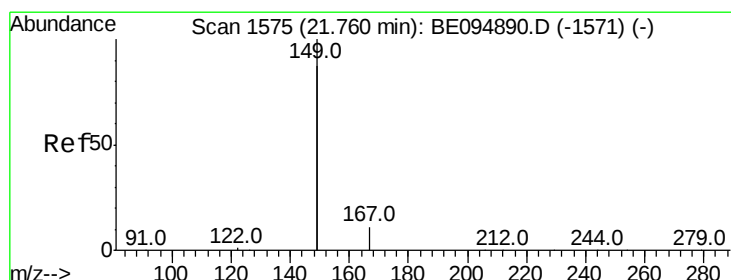
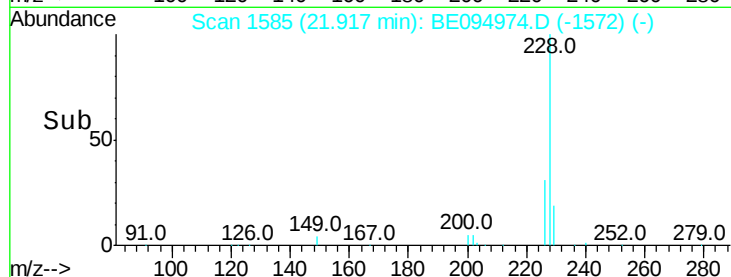
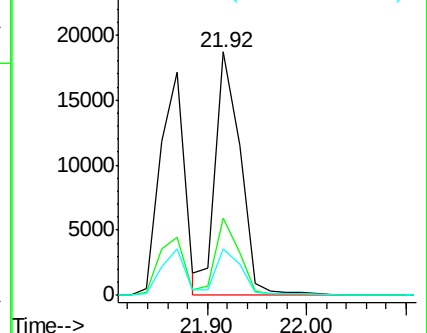
229 19.0 40.0 60.0#



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: 0.284 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

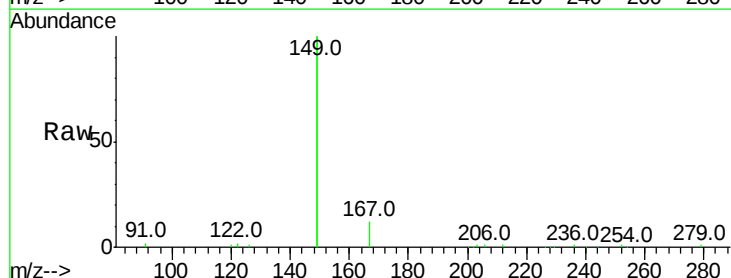
Tgt Ion:149 Resp: 37573

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

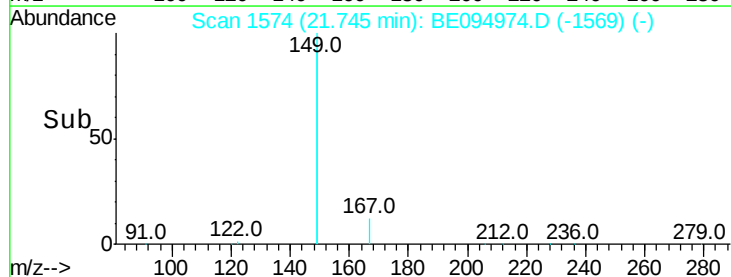
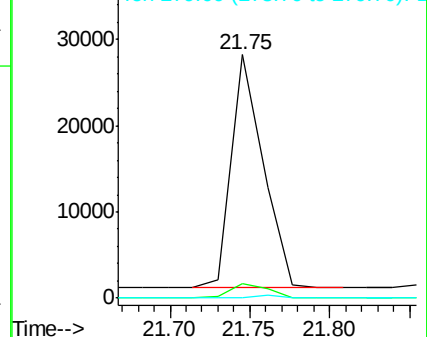
279 0.8 0.7 1.1

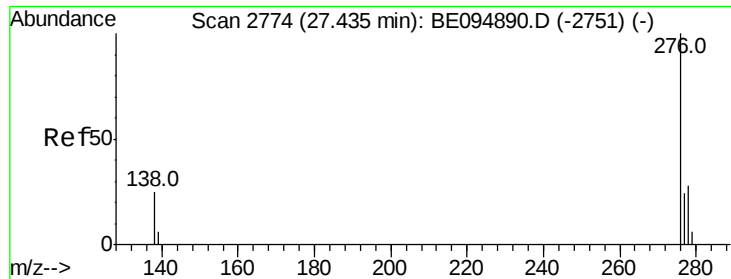


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 27.44 min Scan# 2775

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

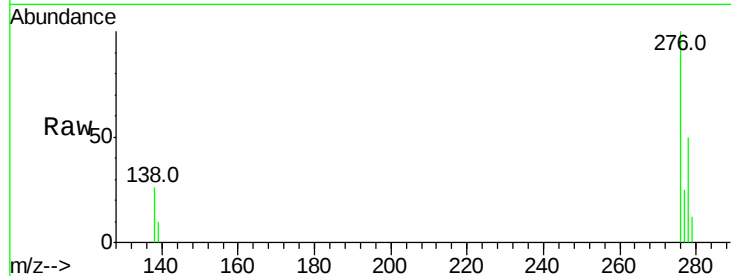
Tot Ion:276 Resp: 27576

Ion Ratio Lower Upper

276 100

138 27.8 22.5 33.7

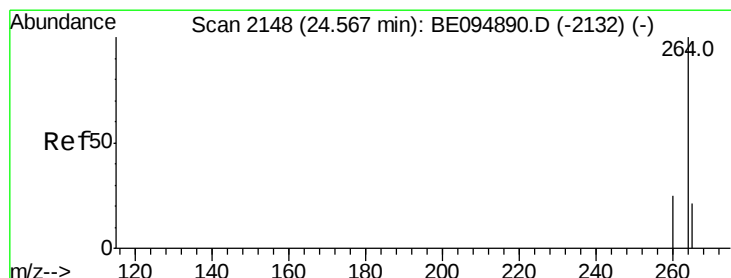
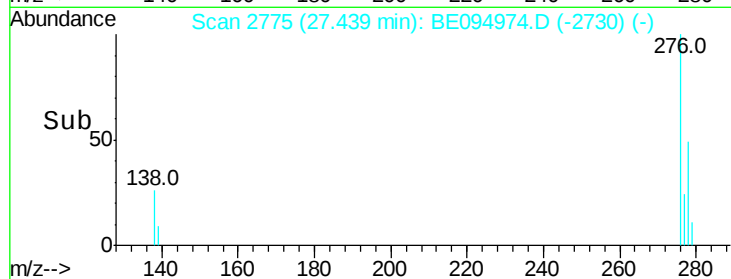
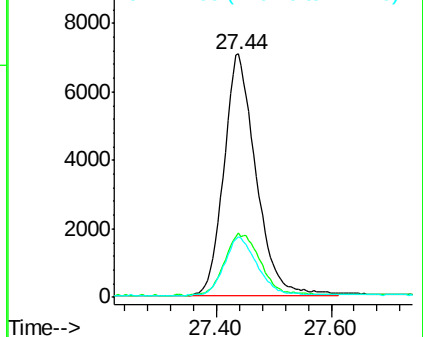
277 24.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.57 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

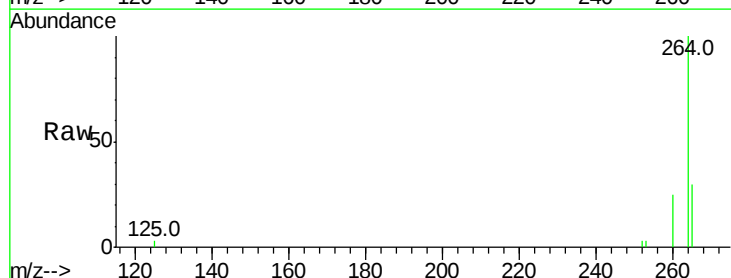
Tgt Ion:264 Resp: 20387

Ion Ratio Lower Upper

264 100

260 24.7 20.5 30.7

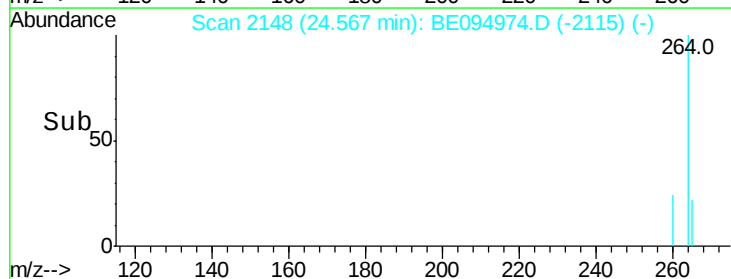
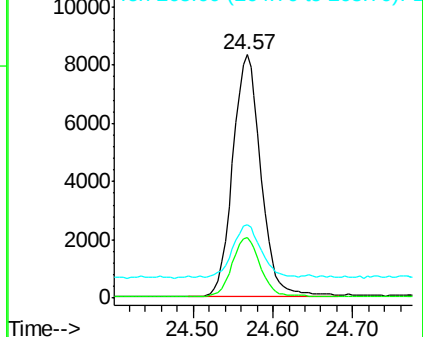
265 30.2 22.8 34.2

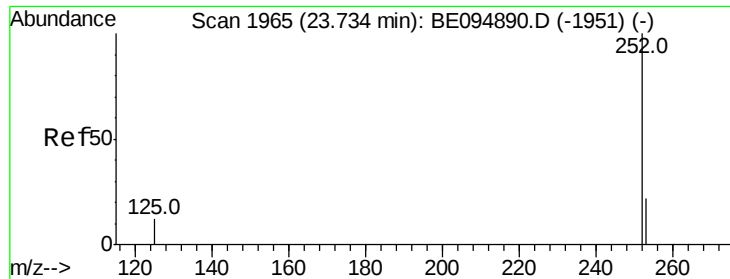


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

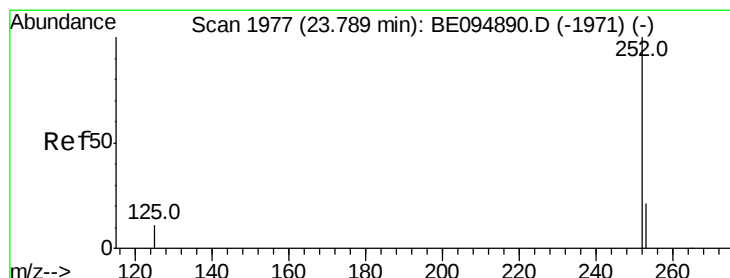
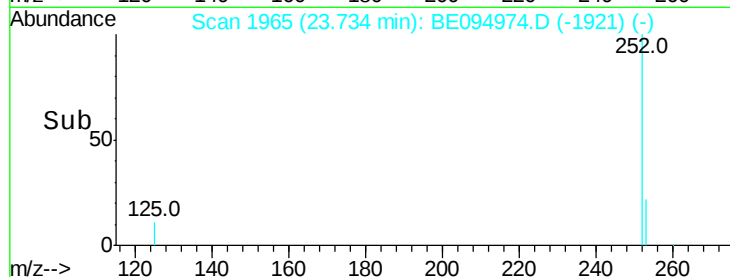
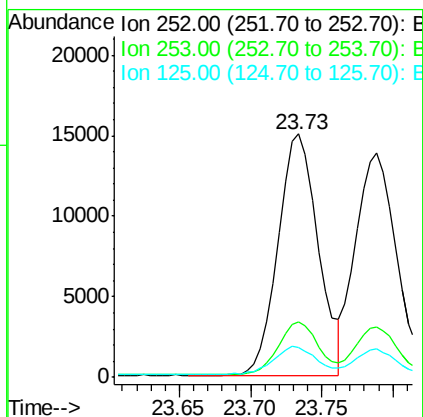
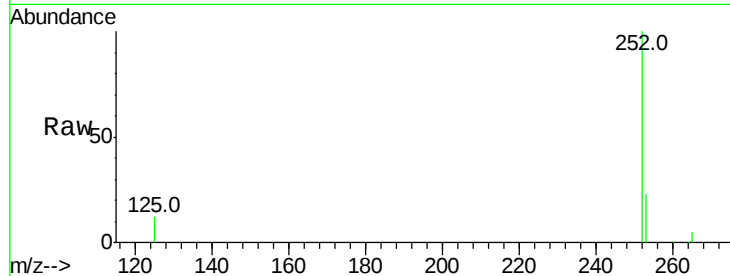




#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094974.D
Acq: 11 Dec 2017 15:26

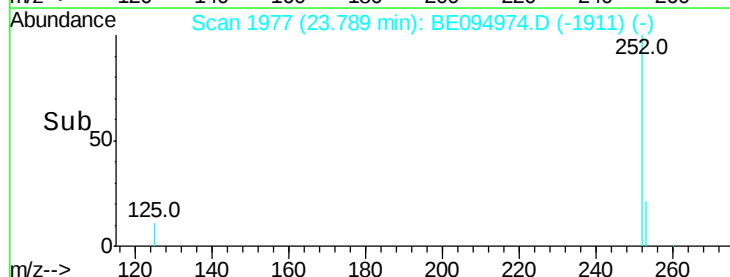
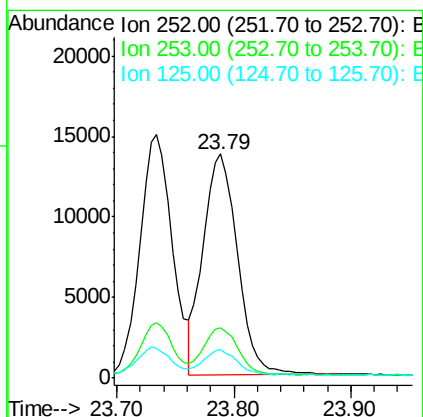
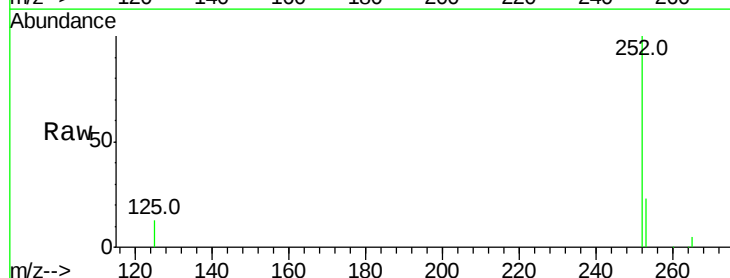
Instrument :
BNA_E
ClientSampleId :

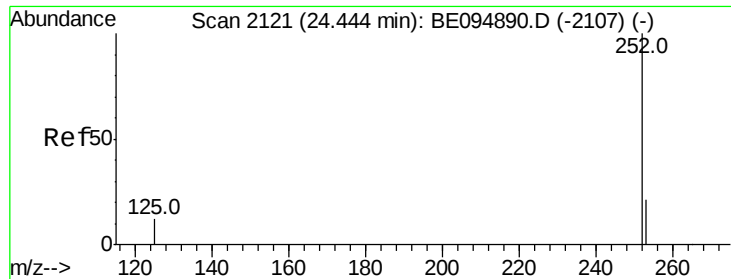
Tot Ion:252 Resp: 29198
Ion Ratio Lower Upper
252 100
253 22.7 48.0 72.0#
125 12.3 56.0 84.0#



#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094974.D
Acq: 11 Dec 2017 15:26

Tgt Ion:252 Resp: 28069
Ion Ratio Lower Upper
252 100
253 22.6 48.0 72.0#
125 12.6 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 24.44 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :

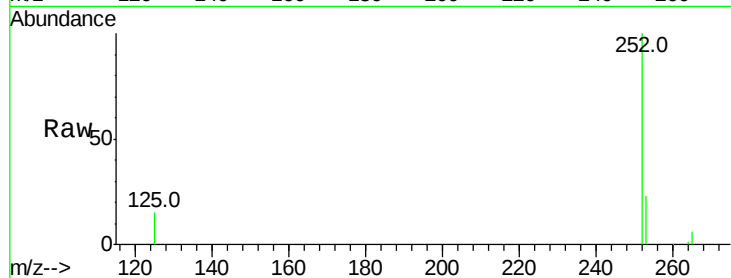
Tot Ion:252 Resp: 25393

Ion Ratio Lower Upper

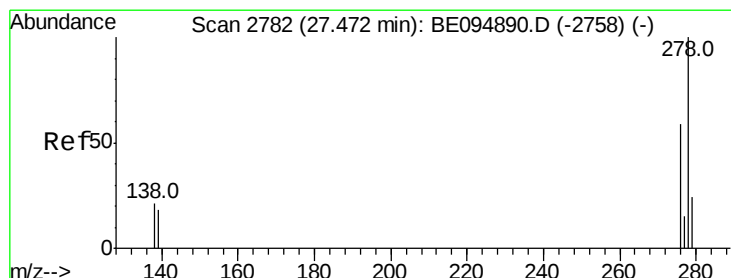
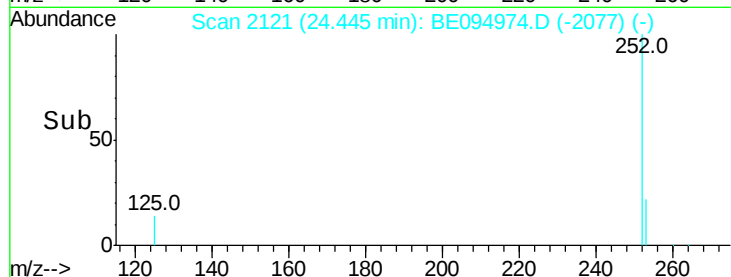
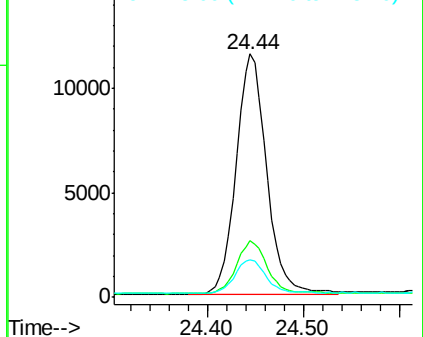
252 100

253 23.3 52.0 78.0#

125 15.4 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: 0.386 ng

RT: 27.47 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

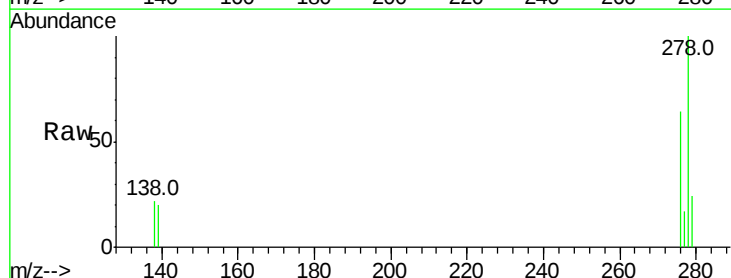
Tgt Ion:278 Resp: 23280

Ion Ratio Lower Upper

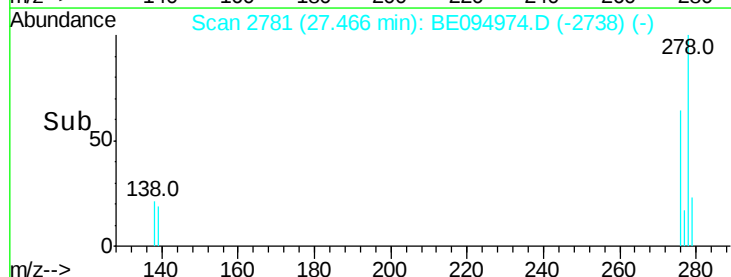
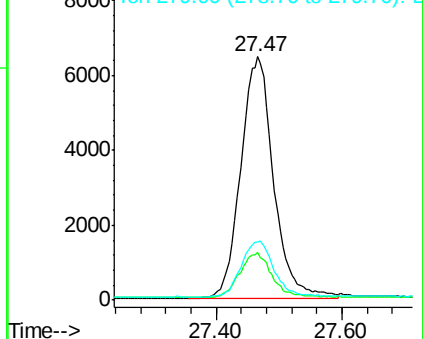
278 100

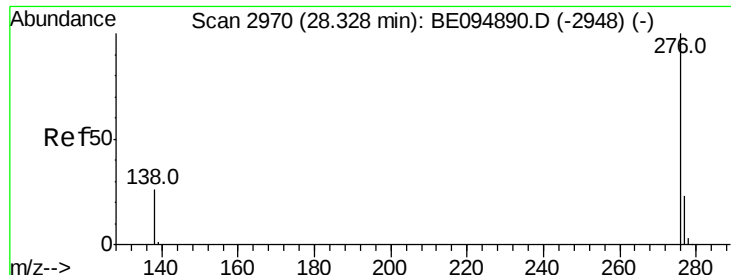
139 19.8 56.0 84.0#

279 23.9 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: 0.385 ng

RT: 28.33 min Scan# 2970

Delta R.T. -0.00 min

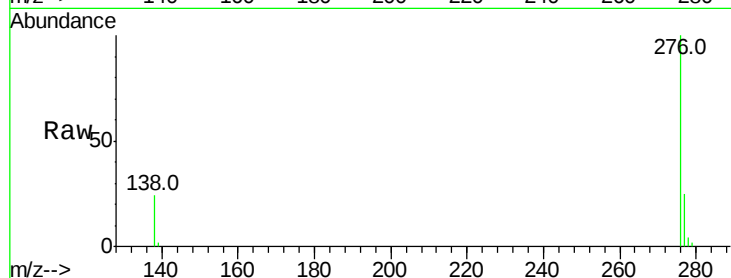
Lab File: BE094974.D

Acq: 11 Dec 2017 15:26

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 23195

Ion Ratio Lower Upper

276 100

277 24.6 52.0 78.0#

138 24.2 44.0 66.0#

