

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
 Data File : BE093058.D
 Acq On : 19 May 2017 13:24
 Operator : SJ/MA
 Sample : PB99051BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 17:56:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	891	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3530	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1440	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3399	0.40	ng	0.00
27) Chrysene-d12	21.28	240	3615	0.40	ng	0.00
34) Perylene-d12	23.69	264	3208	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	744	0.27	ng	0.00
5) Phenol-d6	6.92	99	973	0.26	ng	0.00
8) Nitrobenzene-d5	8.88	82	865	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2000	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	103	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1654	0.28	ng	0.00
25) Fluoranthene-d10	19.14	212	2120	0.24	ng	0.00
29) Terphenyl-d14	19.74	244	1966	0.29	ng	0.00

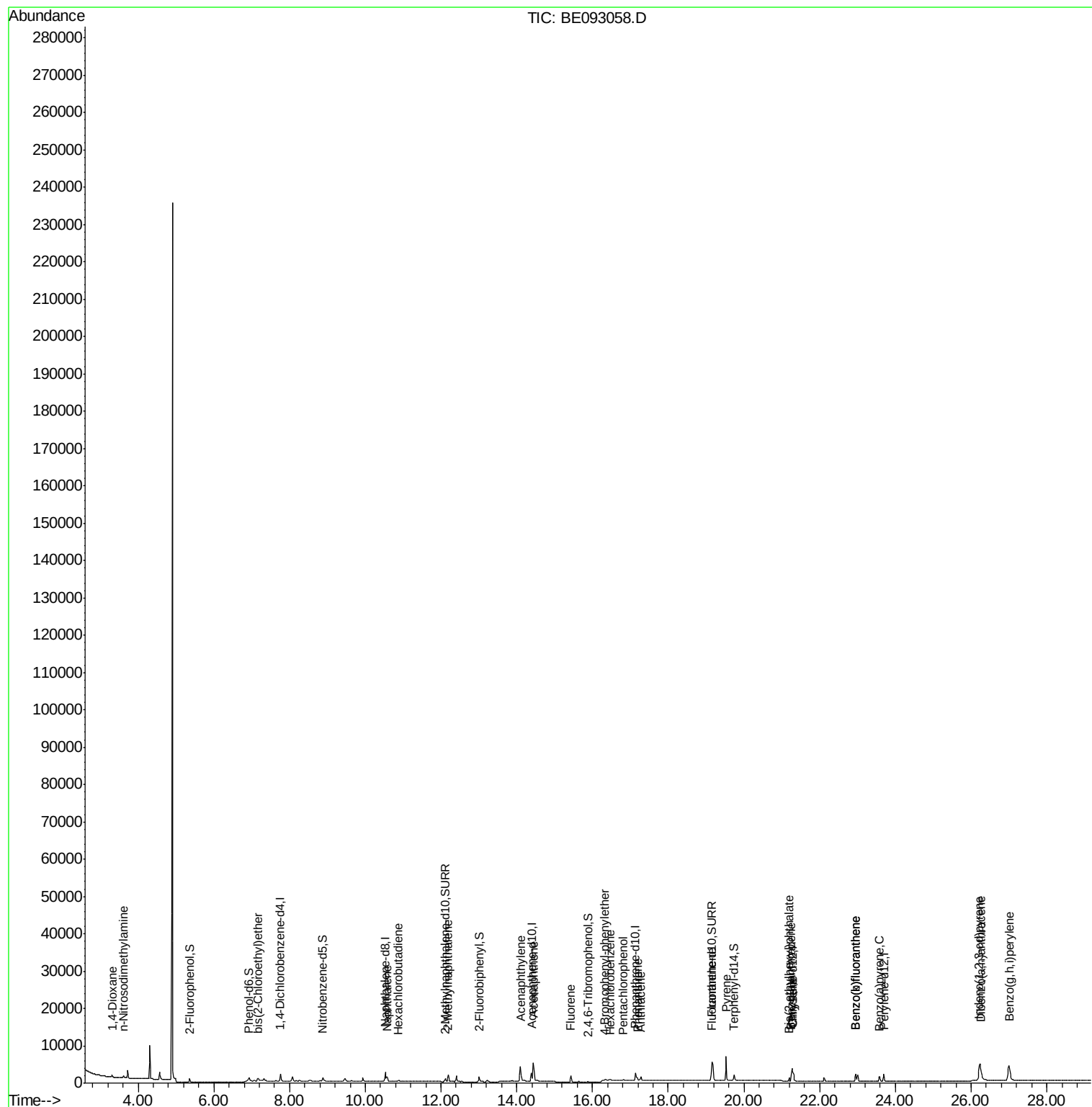
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	337	0.18	ng	# 50
3) n-Nitrosodimethylamine	3.61	42	413	0.26	ng	# 96
6) bis(2-Chloroethyl)ether	7.18	93	760	0.25	ng	# 99
9) Naphthalene	10.56	128	2289	0.25	ng	# 95
10) Hexachlorobutadiene	10.87	225	317	0.26	ng	98
12) 2-Methylnaphthalene	12.19	142	1398	0.24	ng	97
16) Acenaphthylene	14.10	152	6371	0.25	ng	99
17) Acenaphthene	14.44	154	1150	0.25	ng	98
18) Fluorene	15.43	166	1328	0.24	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	276	0.26	ng	# 6
21) Hexachlorobenzene	16.47	284	340	0.18	ng	# 100
22) Pentachlorophenol	16.82	266	281	0.71	ng	93
23) Phenanthrene	17.19	178	1855	0.23	ng	# 77
24) Anthracene	17.28	178	1714	0.21	ng	98
26) Fluoranthene	19.16	202	9622	0.23	ng	# 59
28) Pyrene	19.53	202	9934	0.23	ng	# 96
30) Benzo(a)anthracene	21.25	228	2586	0.26	ng	# 85
31) Chrysene	21.30	228	2772	0.26	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.20	149	1008	0.24	ng	96
33) Indeno(1,2,3-cd)pyrene	26.22	276	11726	0.30	ng	99
35) Benzo(b)fluoranthene	22.95	252	2747	0.27	ng	96
36) Benzo(k)fluoranthene	22.95	252	2747	0.27	ng	98
37) Benzo(a)pyrene	23.58	252	2420	0.26	ng	93
38) Dibenzo(a,h)anthracene	26.25	278	2349	0.27	ng	96
39) Benzo(g,h,i)perylene	27.00	276	10334	0.27	ng	96

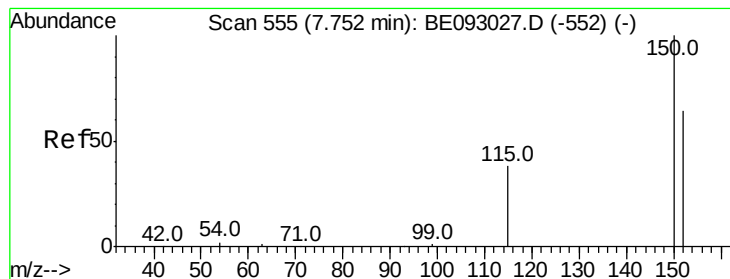
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
Data File : BE093058.D
Acq On : 19 May 2017 13:24
Operator : SJ/MA
Sample : PB99051BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 19 17:56:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

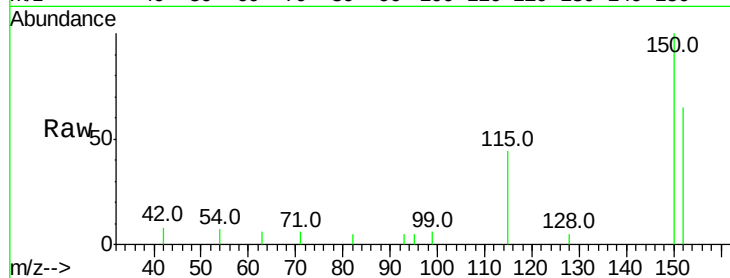
Tot Ion:152 Resp: 891

Ion Ratio Lower Upper

152 100

150 154.2 125.1 187.7

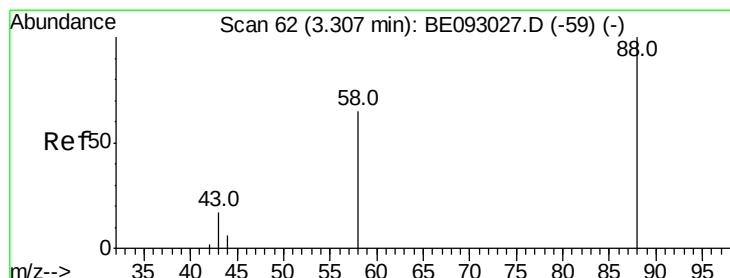
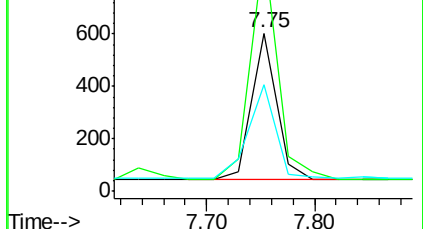
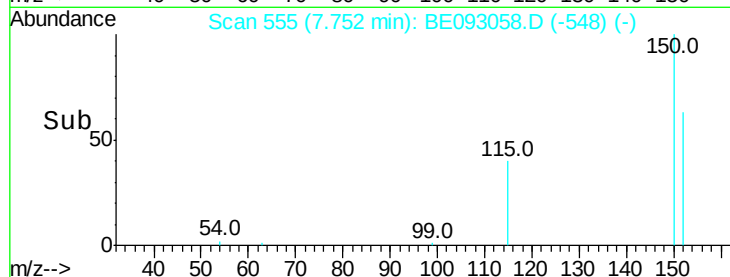
115 67.1 55.7 83.5



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: 0.18 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.01 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

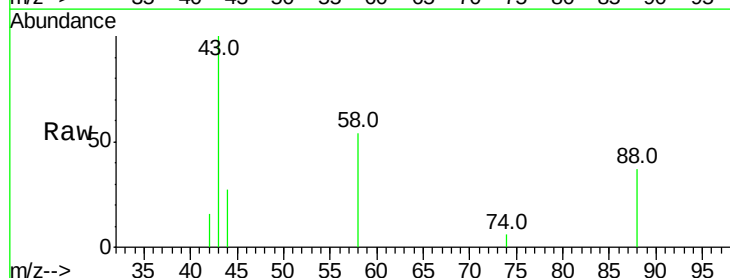
Tgt Ion: 88 Resp: 337

Ion Ratio Lower Upper

88 100

58 95.8 62.2 93.4#

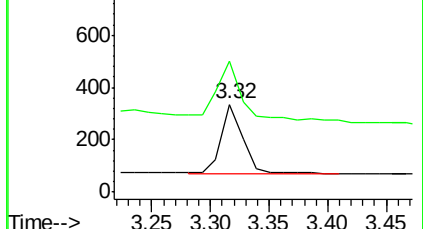
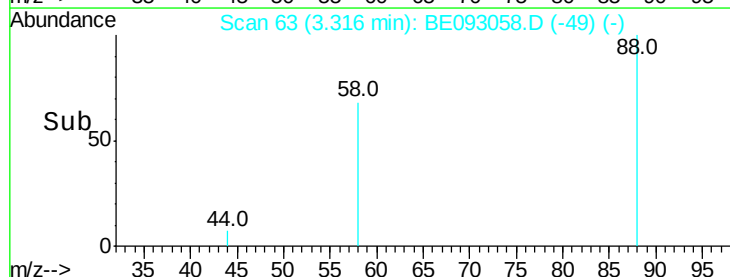
43 97.0 23.2 34.8#

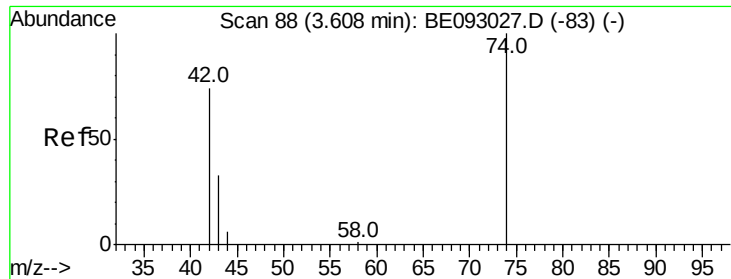


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

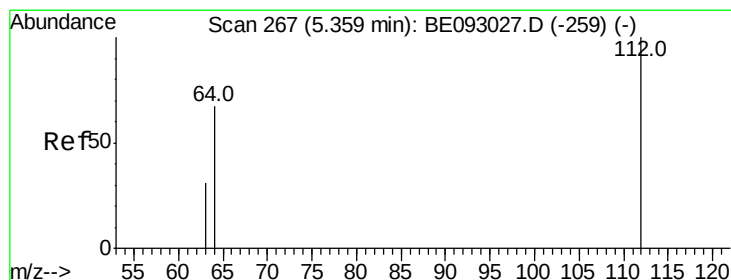
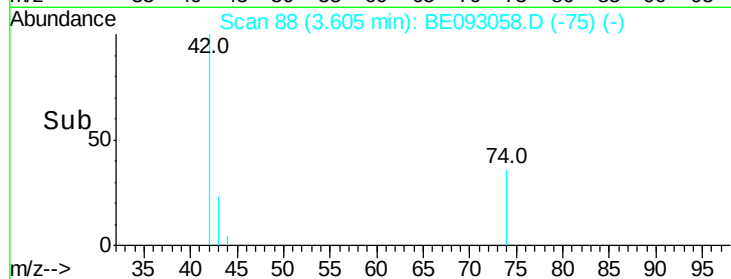
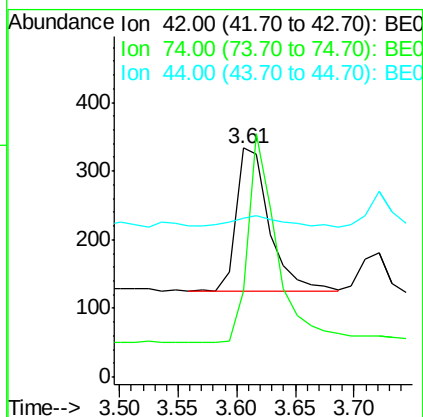
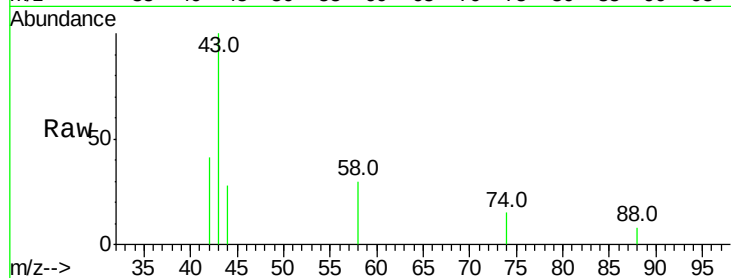




#3
n-Nitrosodimethylamine
Concen: 0.26 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

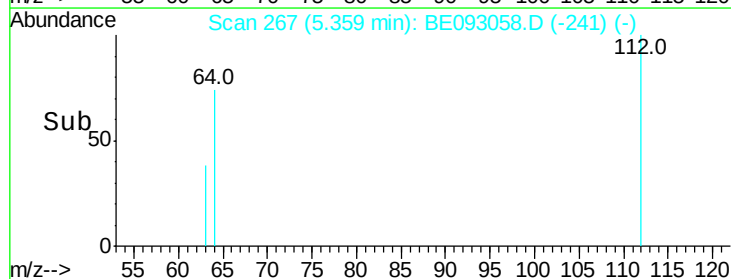
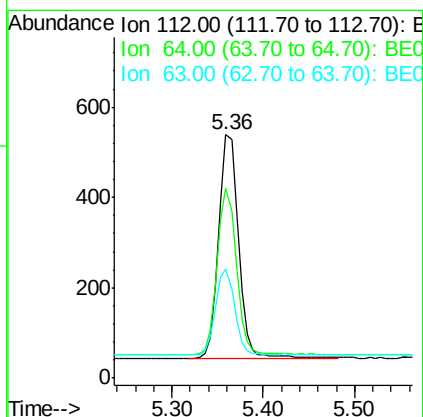
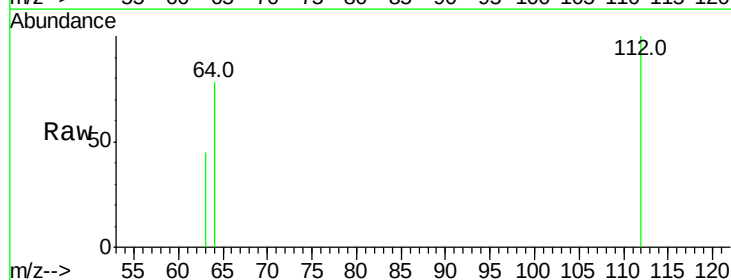
Instrument :
BNA_E
ClientSampleId :

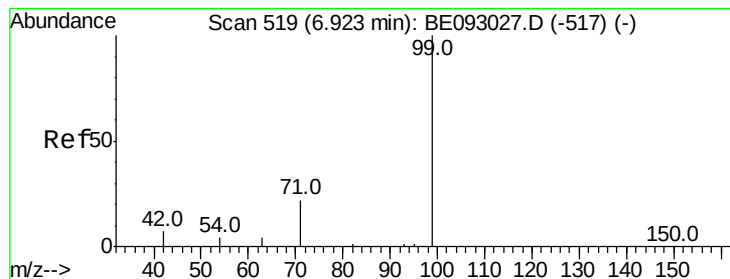
Tot Ion: 42 Resp: 413
Ion Ratio Lower Upper
42 100
74 127.8 99.1 148.7
44 12.8 7.4 11.2#



#4
2-Fluorophenol
Concen: 0.27 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

Tgt Ion: 112 Resp: 744
Ion Ratio Lower Upper
112 100
64 72.0 56.4 84.6
63 36.3 29.3 43.9





#5

Phenol-d6

Concen: 0.26 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

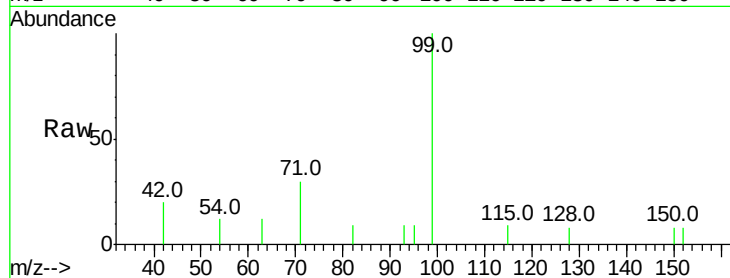
Tot Ion: 99 Resp: 973

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

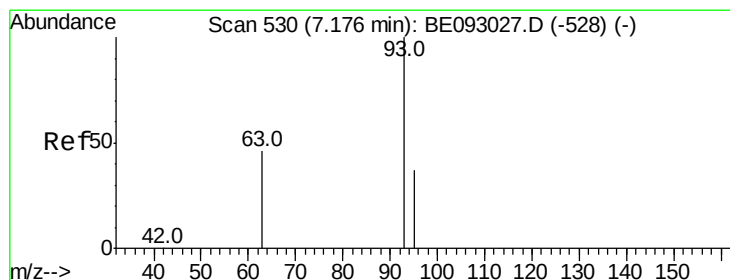
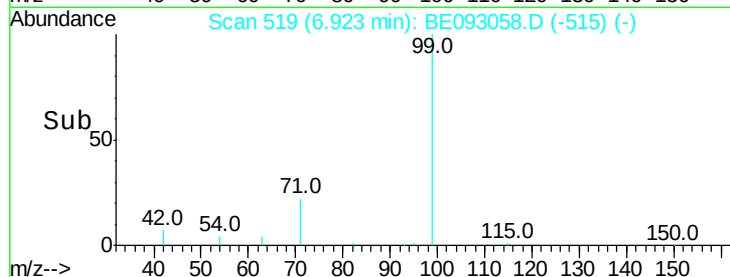
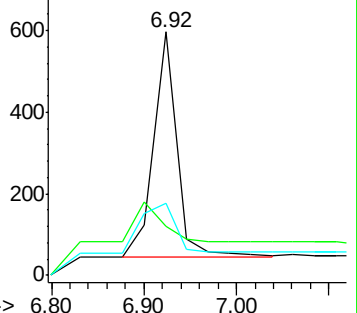
71 33.9 0.0 0.0#



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: 0.25 ng

RT: 7.18 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

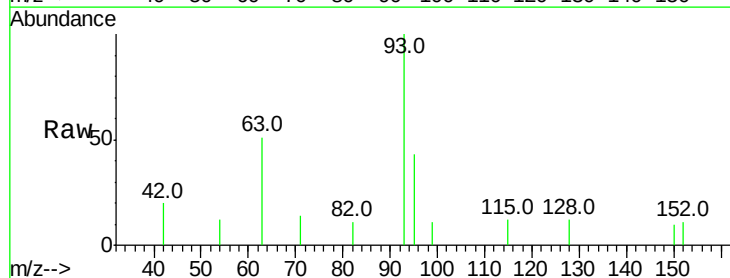
Tgt Ion: 93 Resp: 760

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

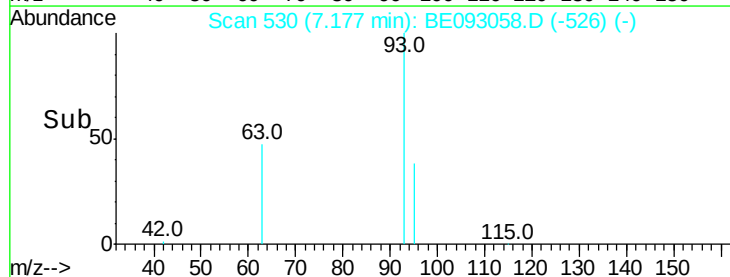
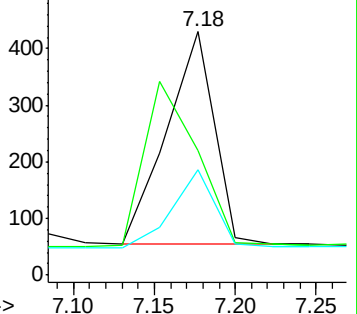
95 32.5 25.4 38.0

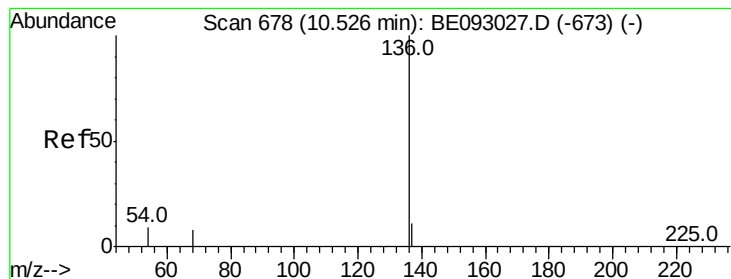


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3530

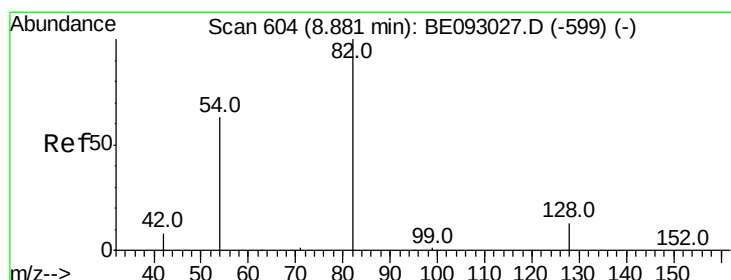
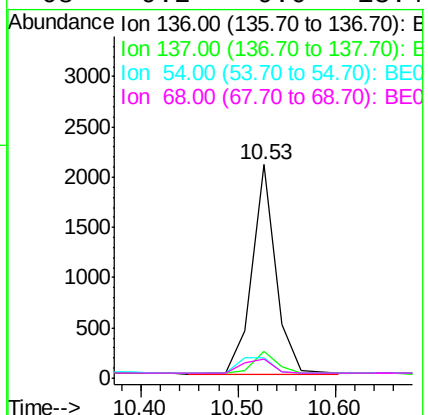
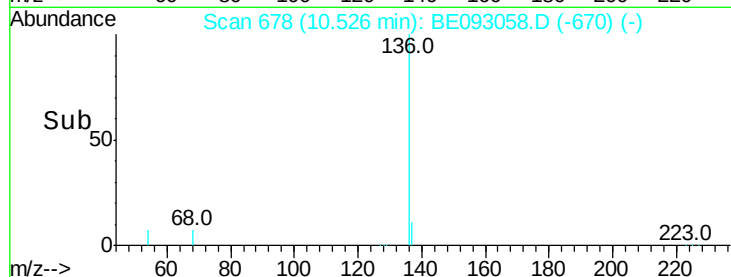
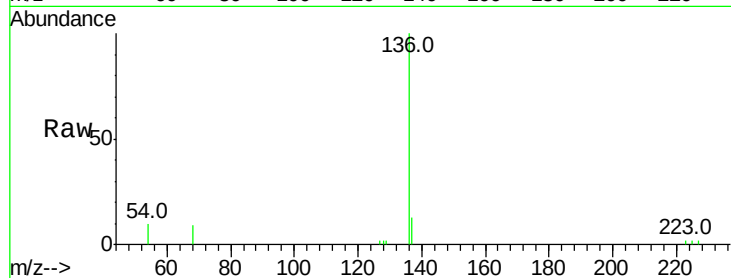
Ion Ratio Lower Upper

136 100

137 12.6 9.8 14.8

54 9.8 10.3 15.5#

68 9.2 9.0 13.4



#8

Nitrobenzene-d5

Concen: 0.28 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

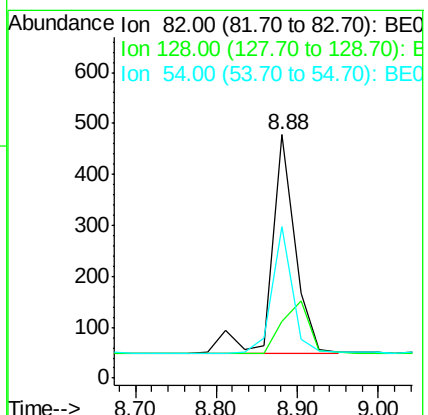
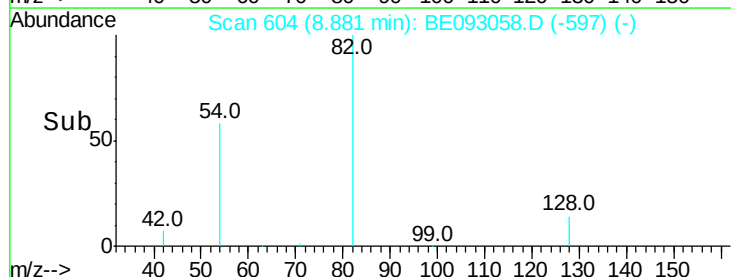
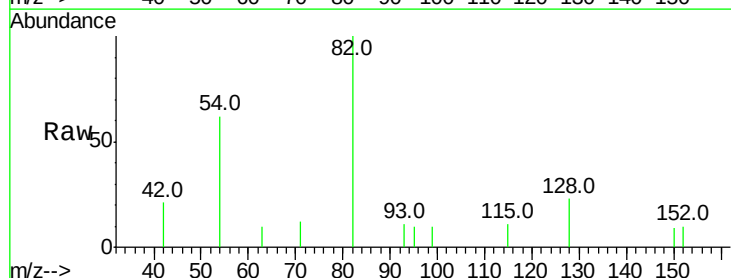
Tgt Ion: 82 Resp: 865

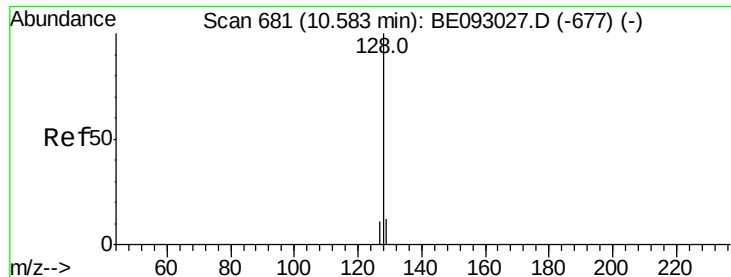
Ion Ratio Lower Upper

82 100

128 23.2 17.0 25.4

54 62.3 53.8 80.6





#9

Naphthalene

Concen: 0.25 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

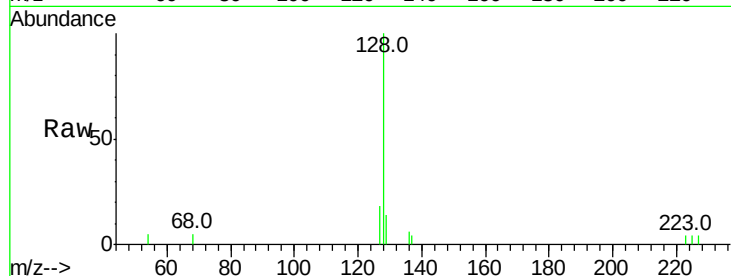
Tot Ion:128 Resp: 2289

Ion Ratio Lower Upper

128 100

129 13.8 11.4 17.0

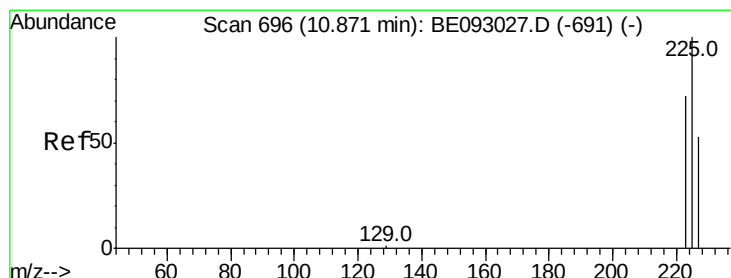
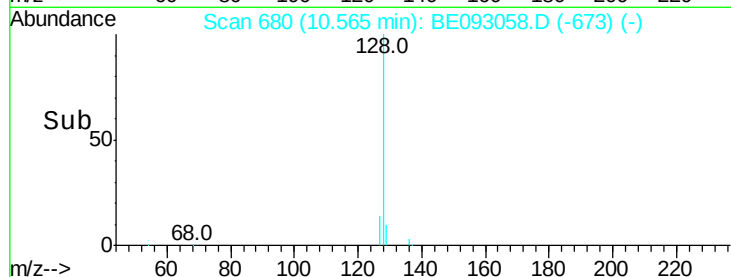
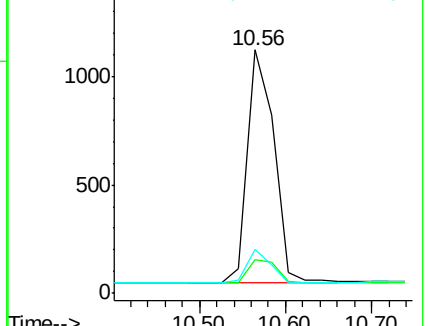
127 17.9 11.2 16.8#



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: 0.26 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

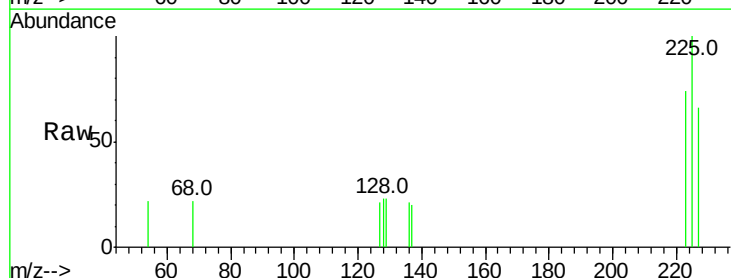
Tgt Ion:225 Resp: 317

Ion Ratio Lower Upper

225 100

223 64.7 49.7 74.5

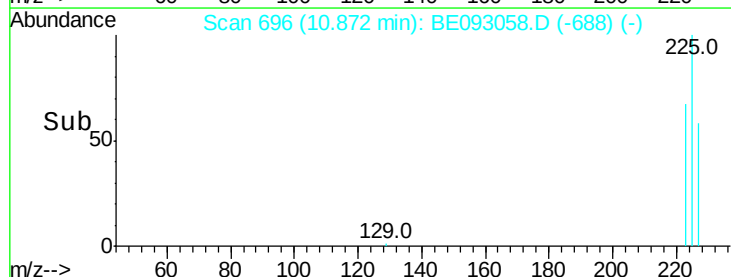
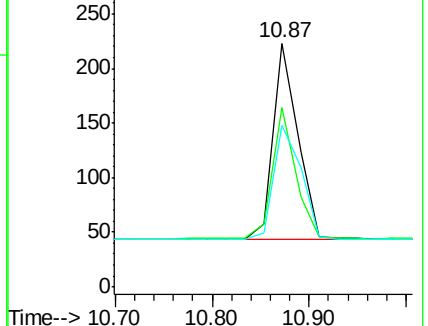
227 63.7 50.3 75.5

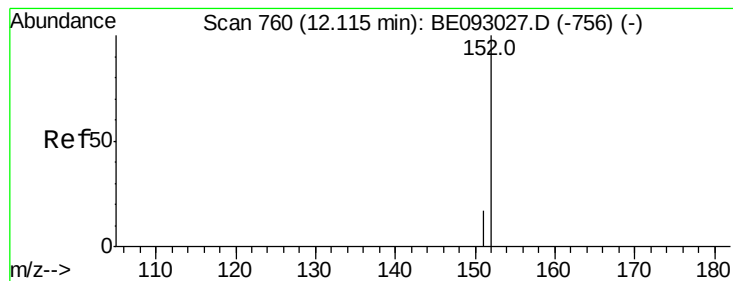


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

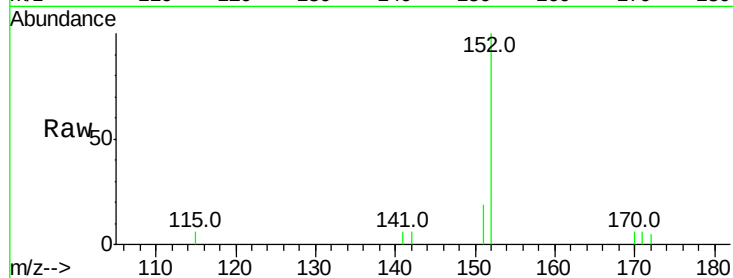
ClientSampleId :

Tot Ion:152 Resp: 2000

Ion Ratio Lower Upper

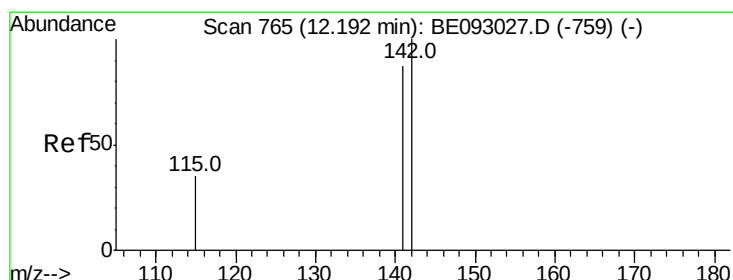
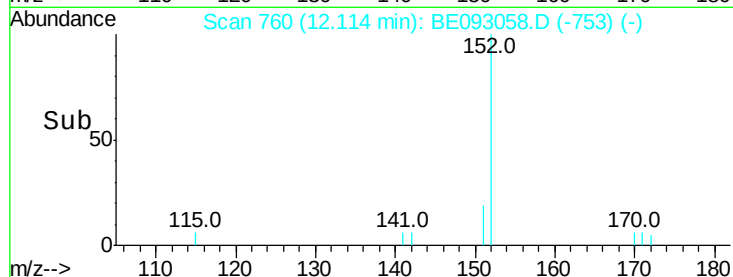
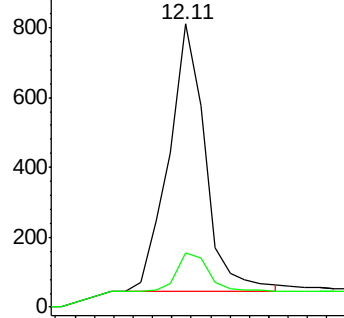
152 100

151 12.1 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.24 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

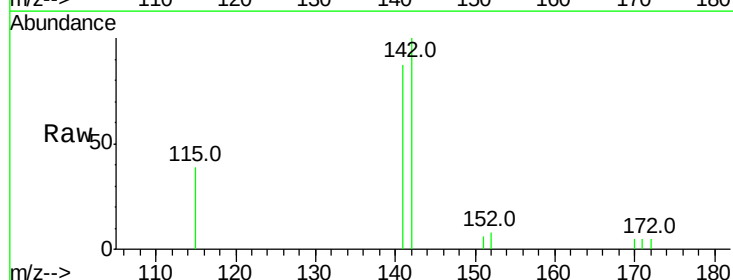
Tgt Ion:142 Resp: 1398

Ion Ratio Lower Upper

142 100

141 87.4 72.6 108.8

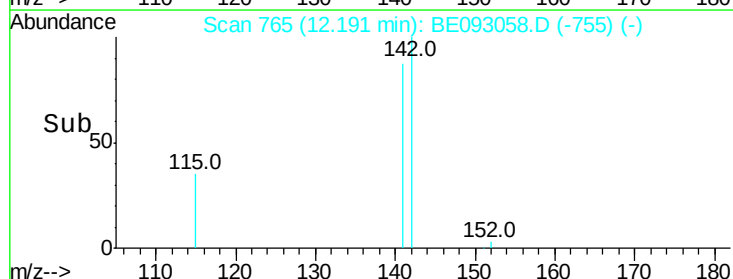
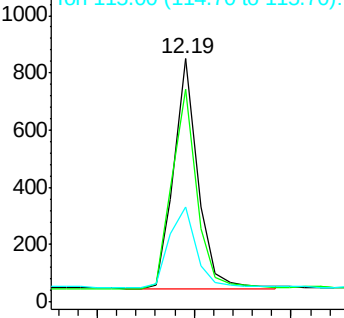
115 39.2 32.2 48.2

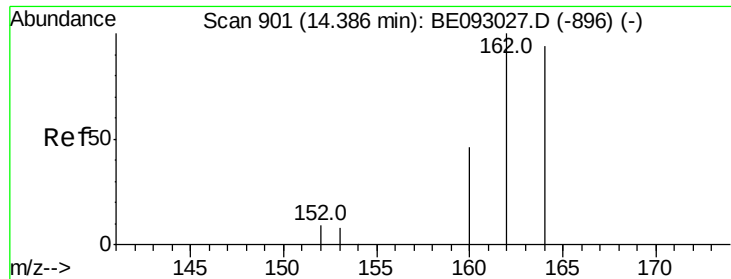


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

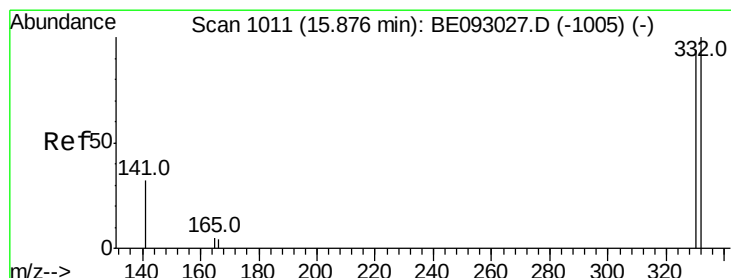
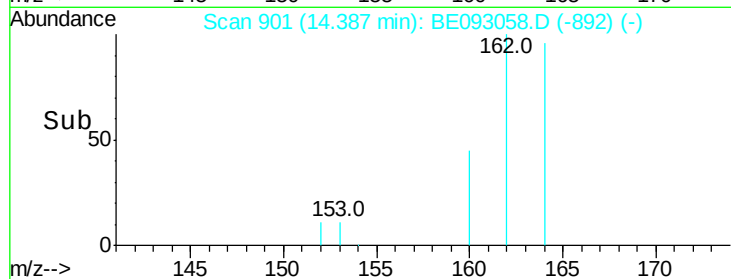
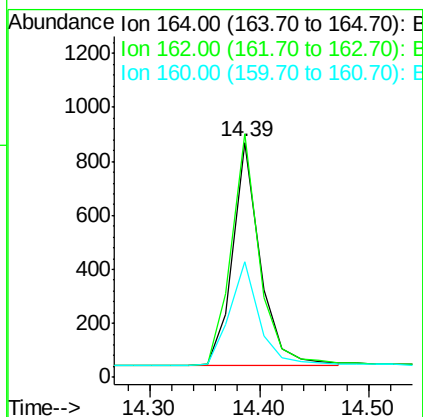
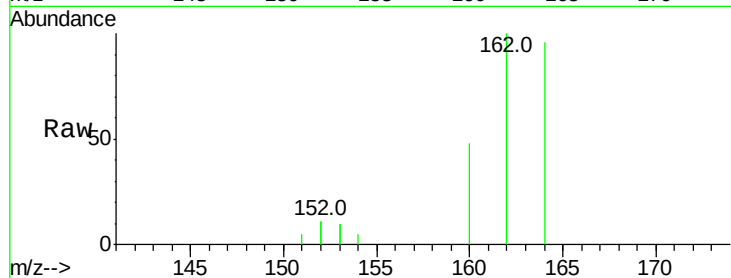




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

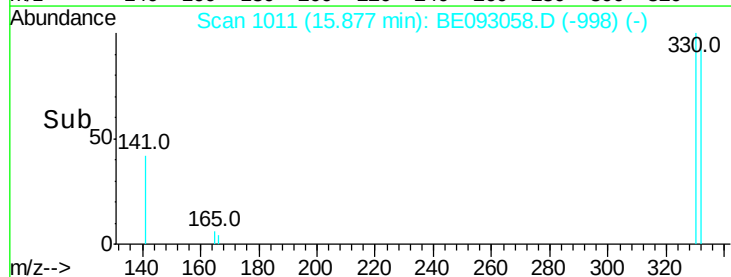
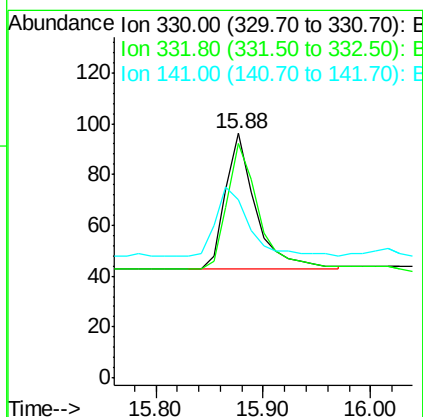
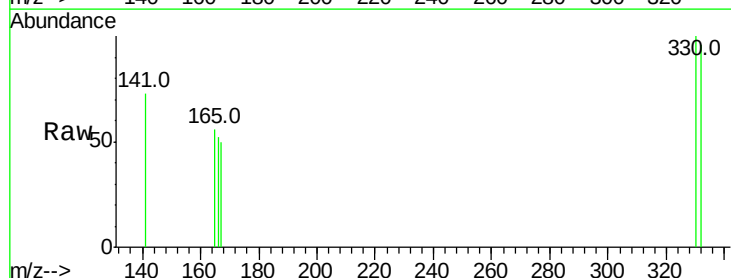
Instrument :
BNA_E
ClientSampleId :

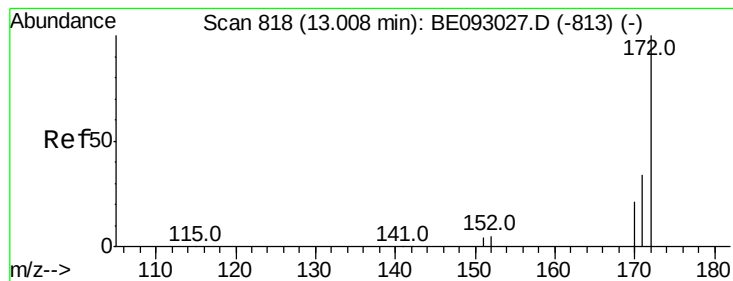
Tot Ion:164 Resp: 1440
Ion Ratio Lower Upper
164 100
162 103.7 84.6 127.0
160 49.4 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

Tgt Ion:330 Resp: 103
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 56.3 56.2 84.4





#15

2-Fluorobiphenyl

Concen: 0.28 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

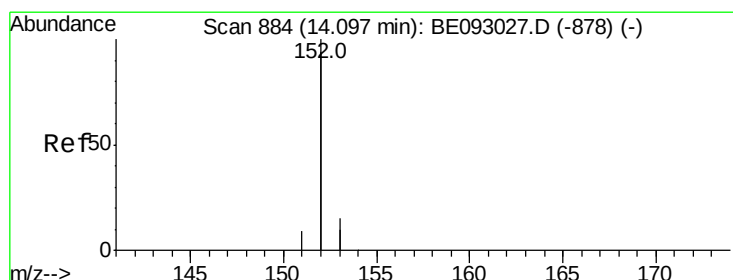
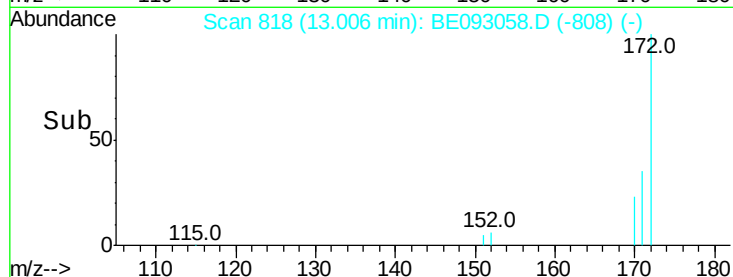
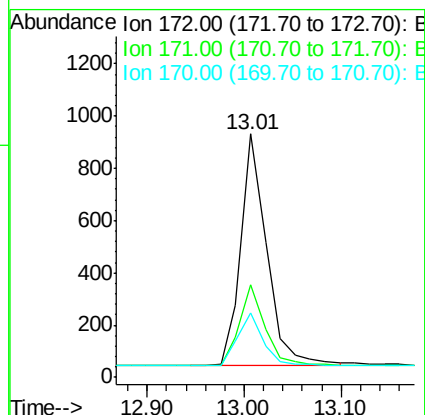
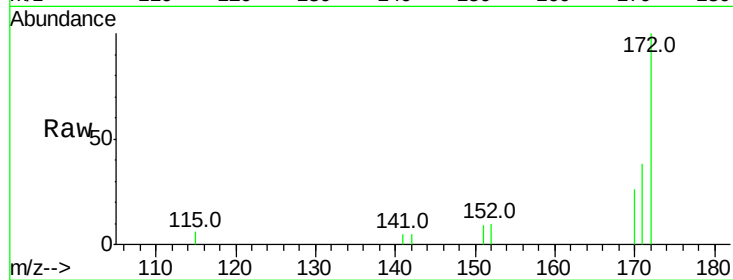
Tot Ion:172 Resp: 1654

Ion Ratio Lower Upper

172 100

171 38.1 29.8 44.6

170 26.4 20.7 31.1



#16

Acenaphthylene

Concen: 0.25 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

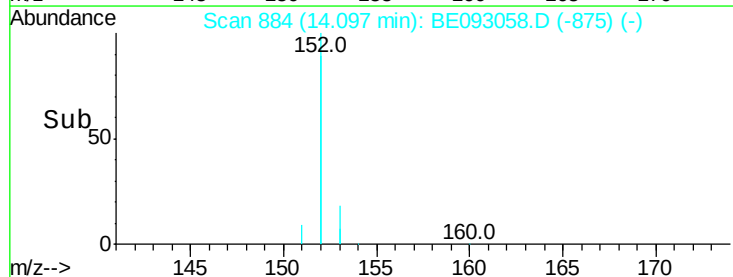
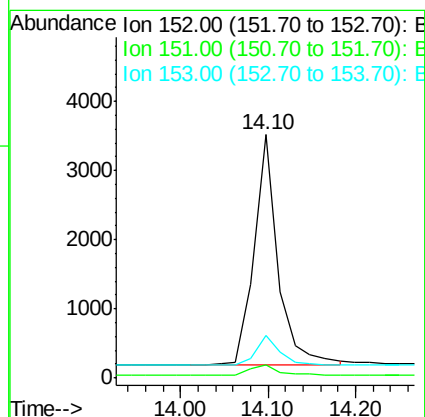
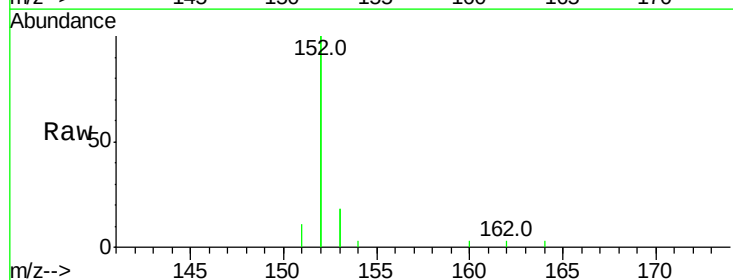
Tgt Ion:152 Resp: 6371

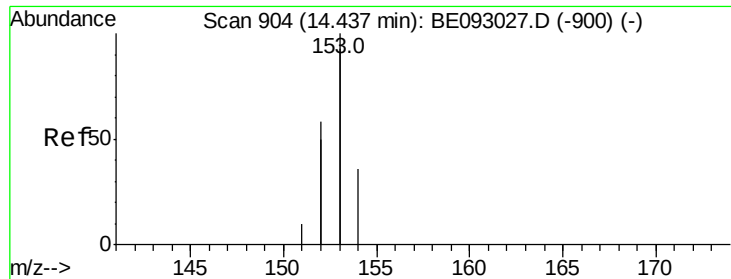
Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.25 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

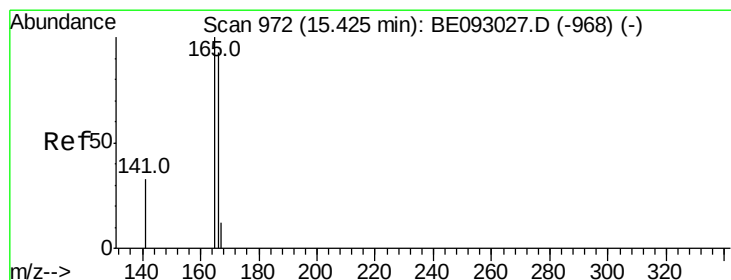
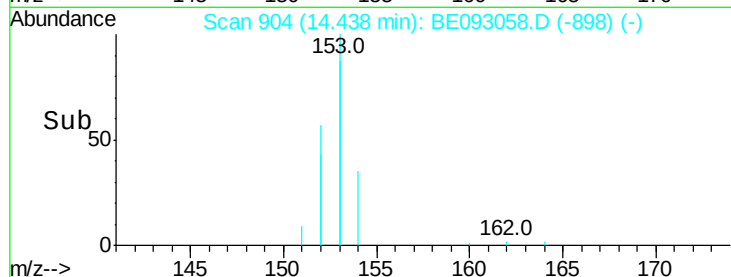
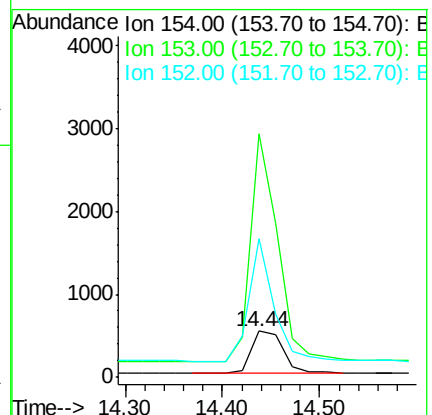
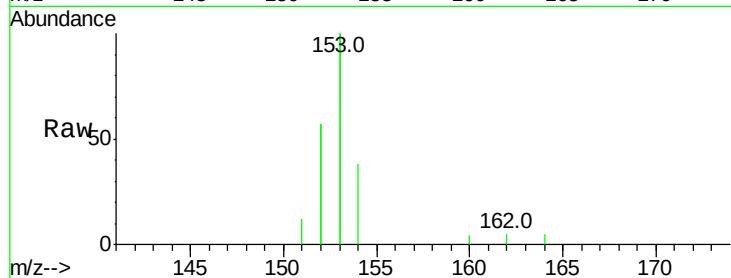
Tot Ion:154 Resp: 1150

Ion Ratio Lower Upper

154 100

153 463.2 367.8 551.6

152 227.3 188.2 282.2



#18

Fluorene

Concen: 0.24 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

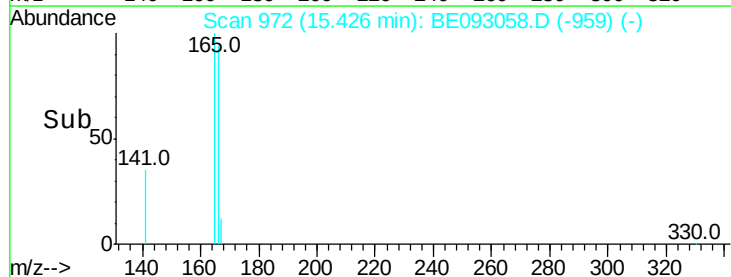
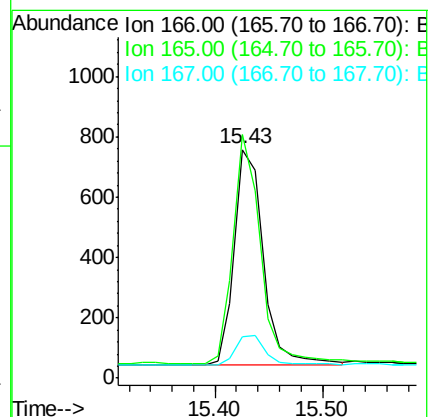
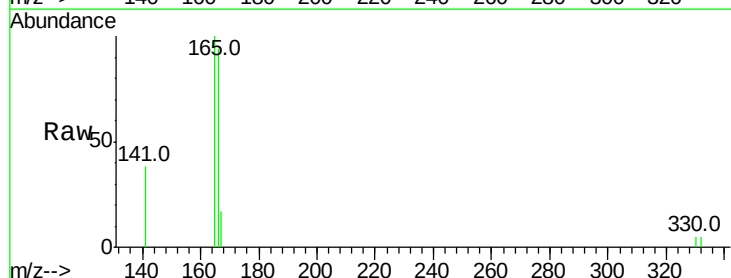
Tgt Ion:166 Resp: 1328

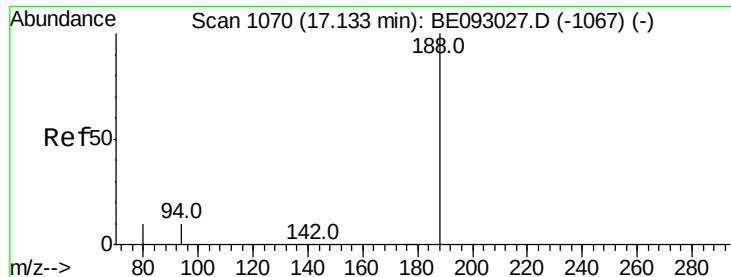
Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

167 13.9 11.1 16.7

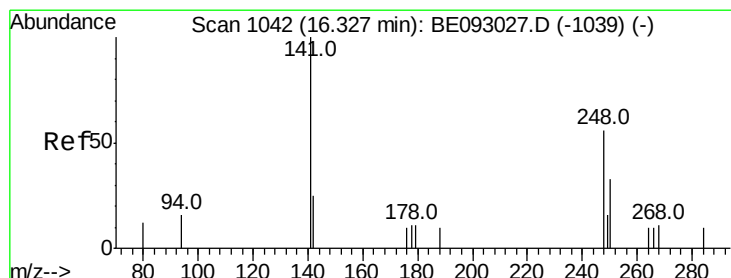
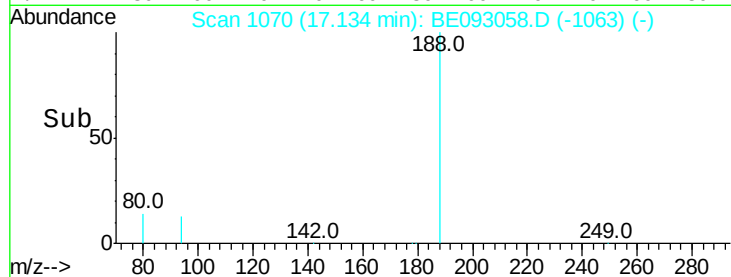
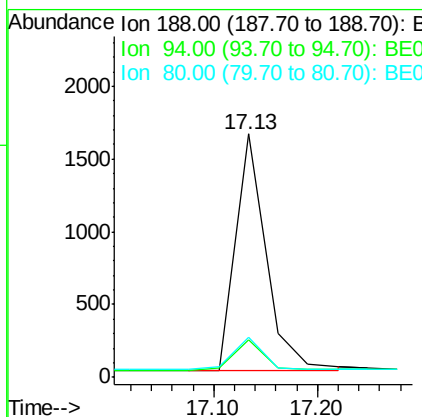
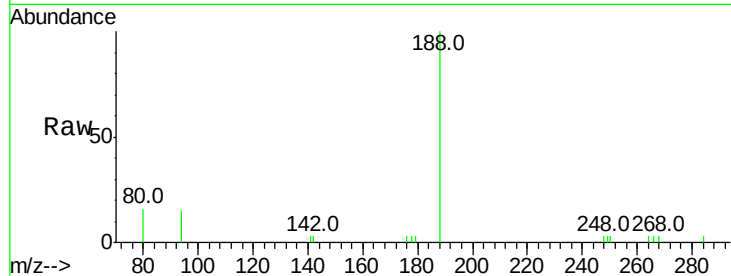




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

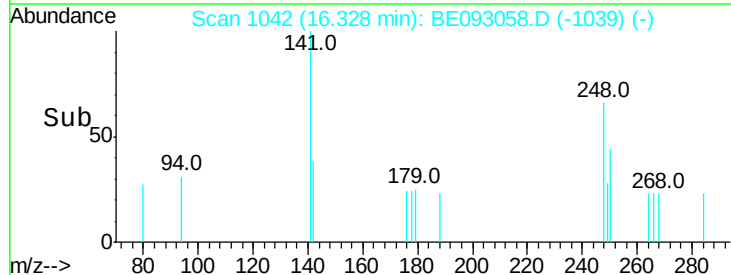
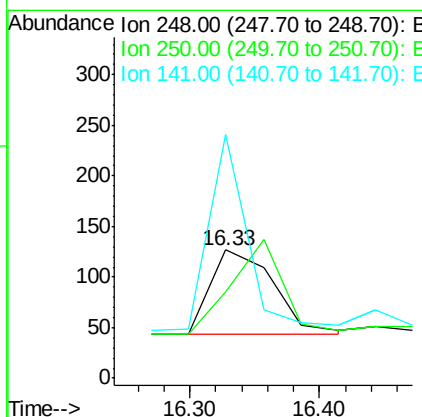
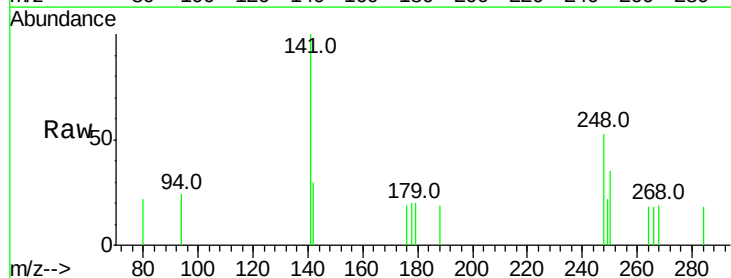
Instrument :
BNA_E
ClientSampleId :

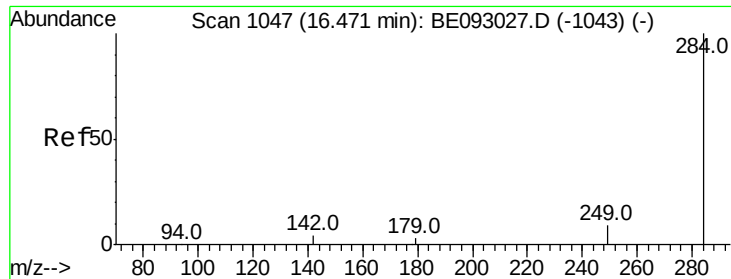
Tot Ion:188 Resp: 3399
Ion Ratio Lower Upper
188 100
94 15.5 11.3 16.9
80 16.3 11.7 17.5



#20
4-Bromophenyl-phenylether
Concen: 0.26 ng
RT: 16.33 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

Tgt Ion:248 Resp: 276
Ion Ratio Lower Upper
248 100
250 66.9 100.0 150.0#
141 189.8 40.0 60.0#

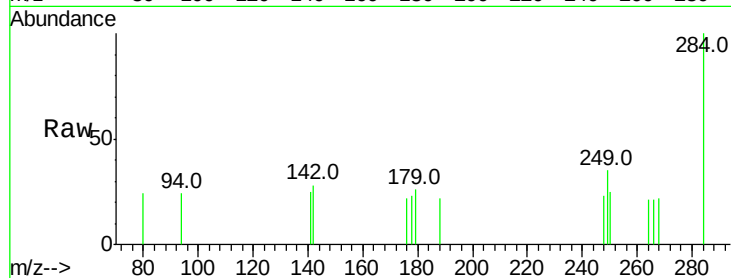




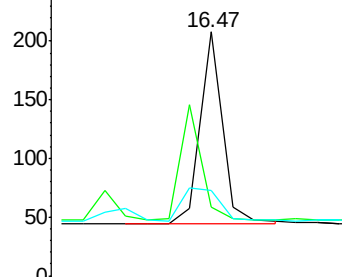
#21
Hexachlorobenzene
Concen: 0.18 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

Instrument :
BNA_E
ClientSampleId :

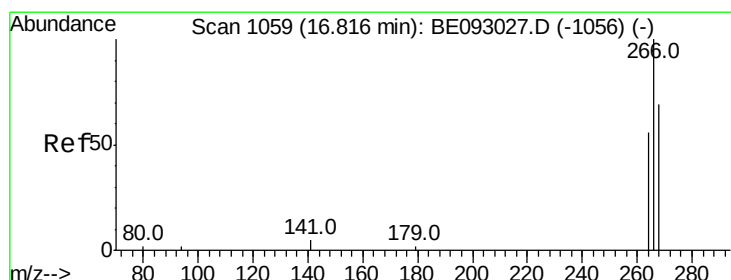
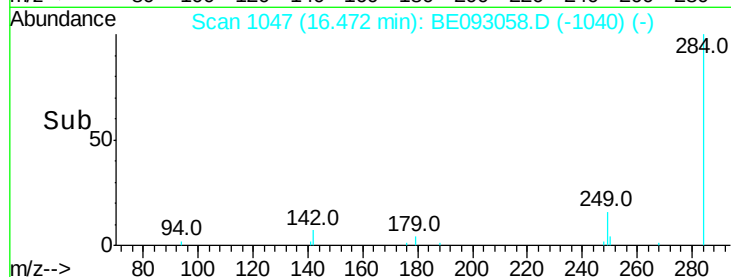
Tot Ion:284 Resp: 340
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



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

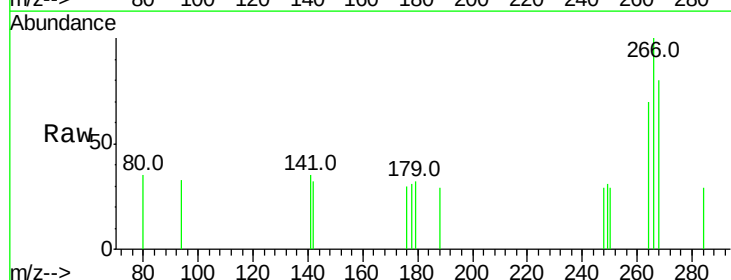


Time-->

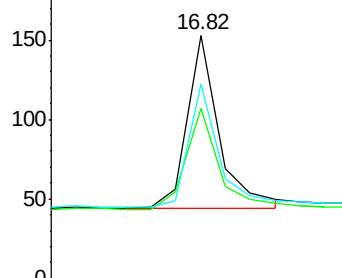


#22
Pentachlorophenol
Concen: 0.71 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

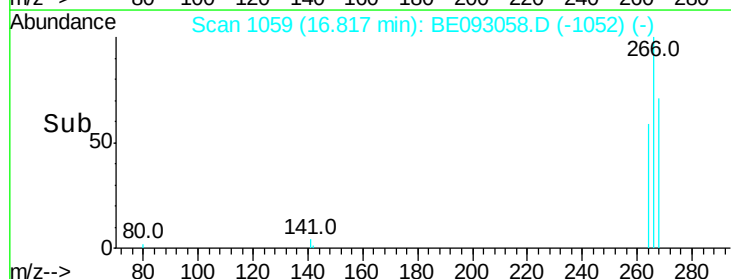
Tgt Ion:266 Resp: 281
Ion Ratio Lower Upper
266 100
264 69.9 58.2 87.2
268 79.7 71.9 107.9

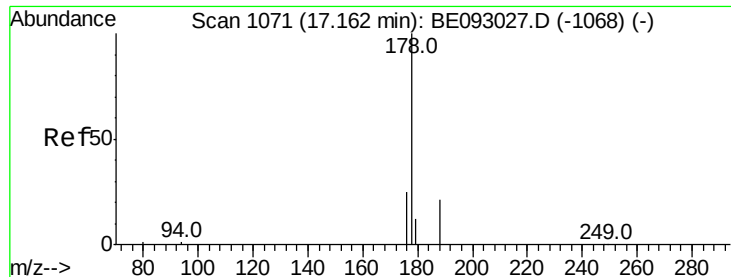


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.23 ng

RT: 17.19 min Scan# 1072

Delta R.T. 0.03 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampled :

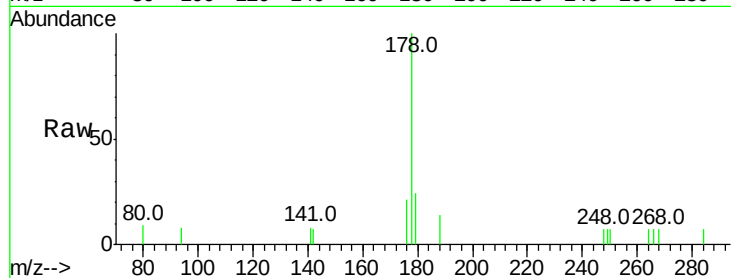
Tot Ion:178 Resp: 1855

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

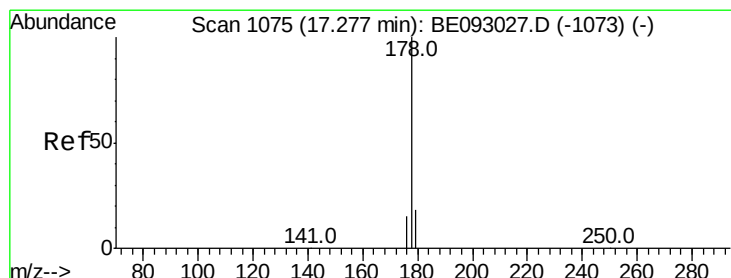
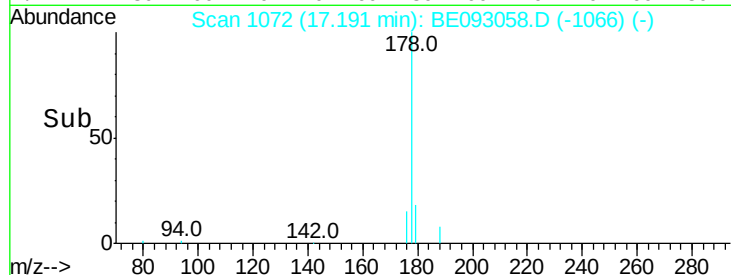
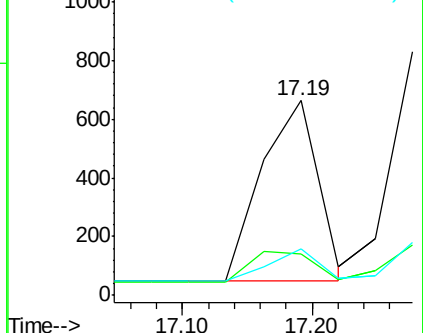
179 15.6 12.7 19.1



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: 0.21 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

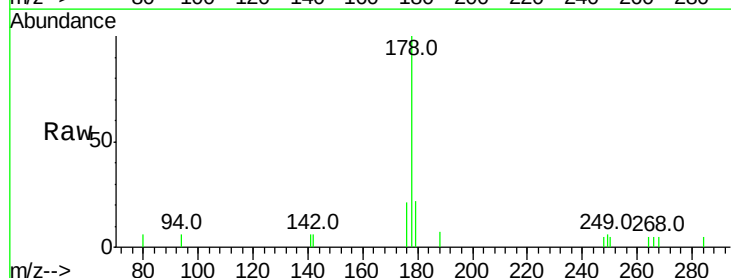
Tgt Ion:178 Resp: 1714

Ion Ratio Lower Upper

178 100

176 17.3 14.6 22.0

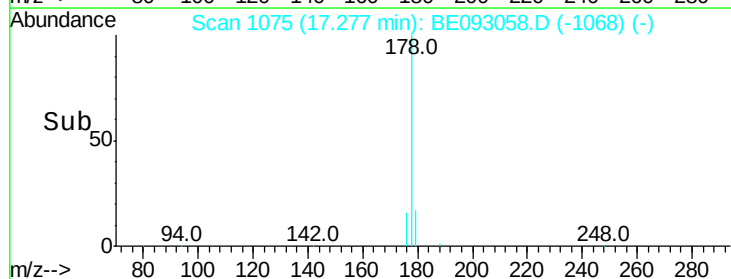
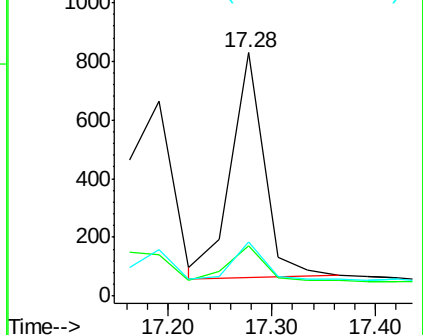
179 15.8 12.0 18.0

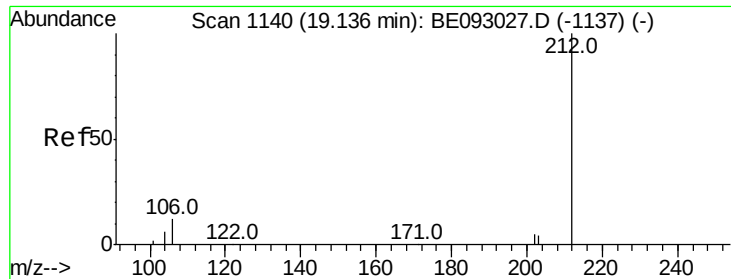


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.24 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

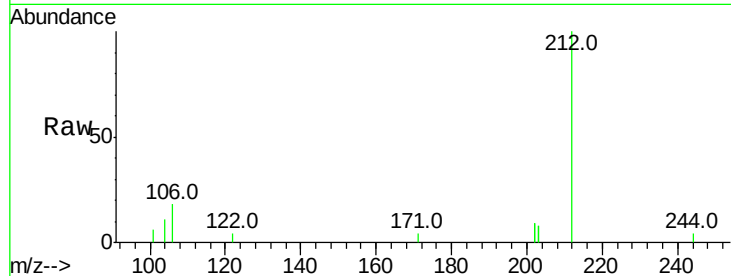
Tot Ion:212 Resp: 2120

Ion Ratio Lower Upper

212 100

106 16.9 0.0 0.0#

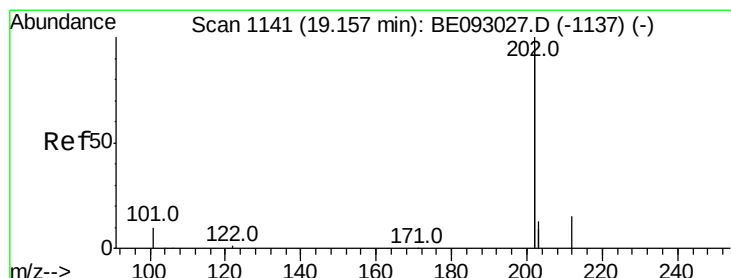
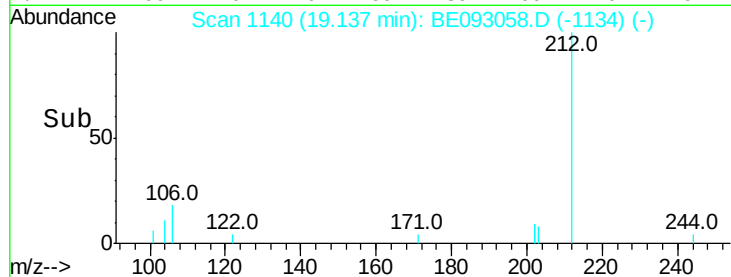
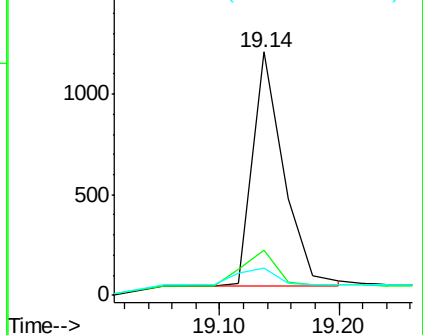
104 8.5 0.0 0.0#



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: 0.23 ng

RT: 19.16 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

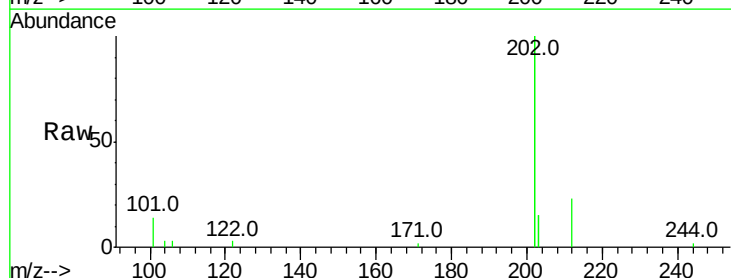
Tgt Ion:202 Resp: 9622

Ion Ratio Lower Upper

202 100

101 3.8 0.0 0.0#

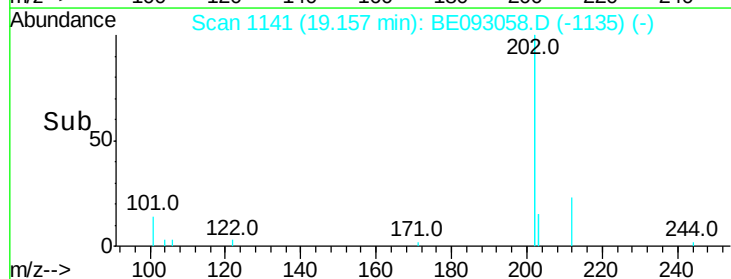
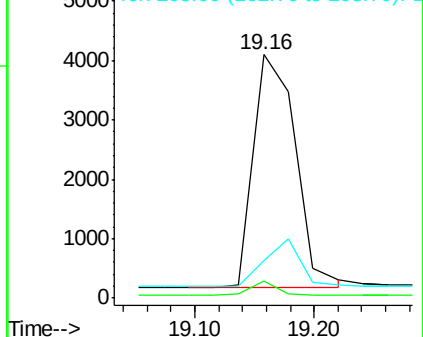
203 0.0 14.4 21.6#

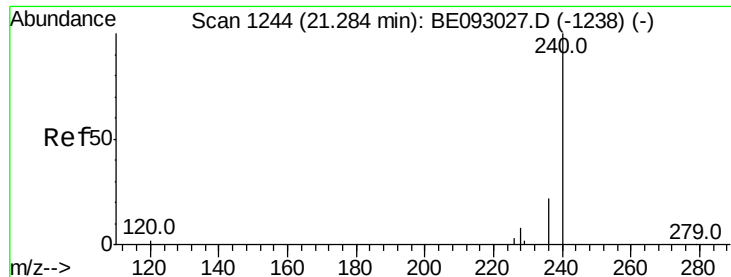


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampled :

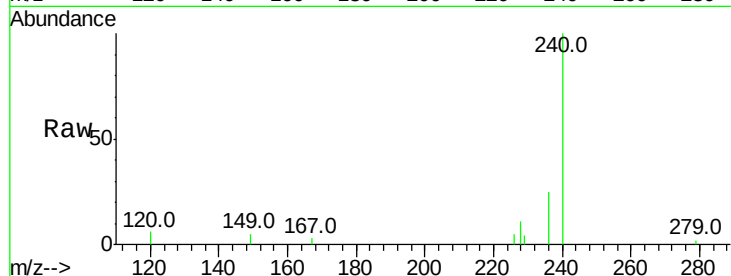
Tot Ion:240 Resp: 3615

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

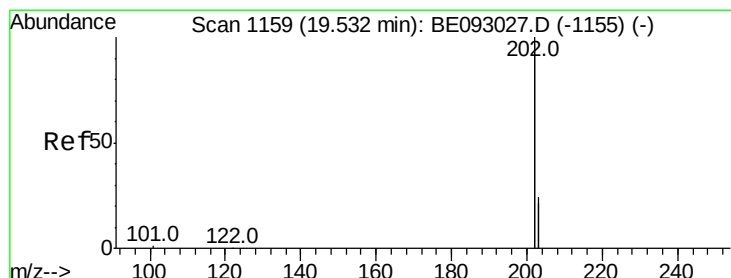
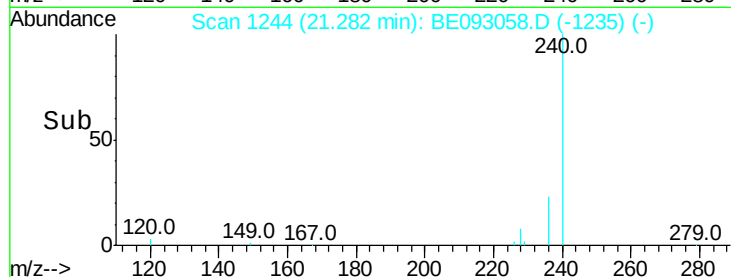
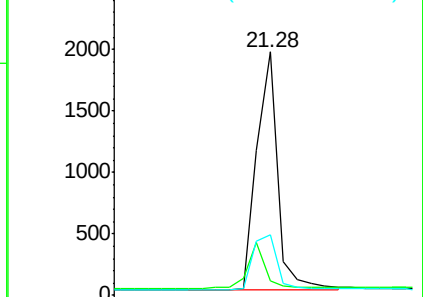
236 24.7 20.8 31.2



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: 0.23 ng

RT: 19.53 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

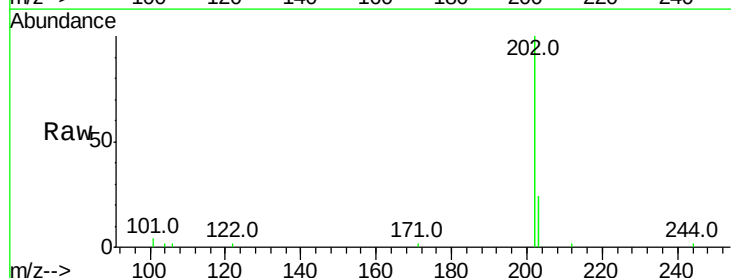
Tgt Ion:202 Resp: 9934

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

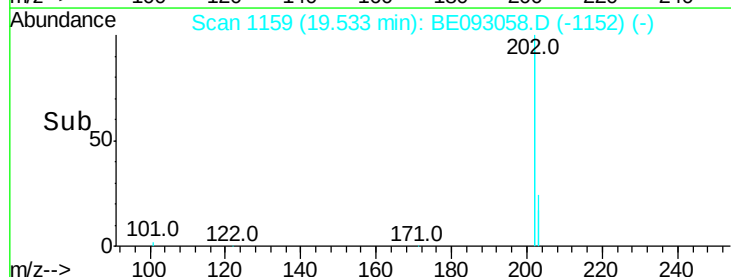
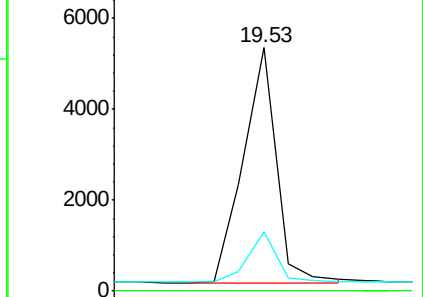
203 18.8 13.7 20.5

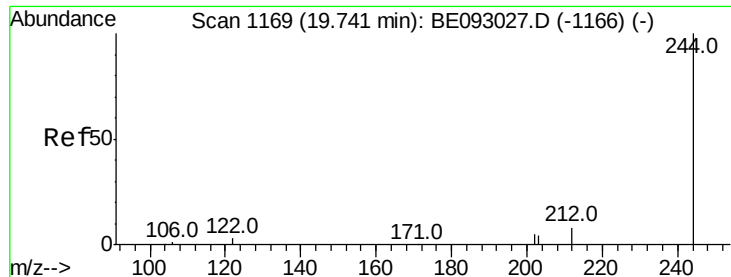


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

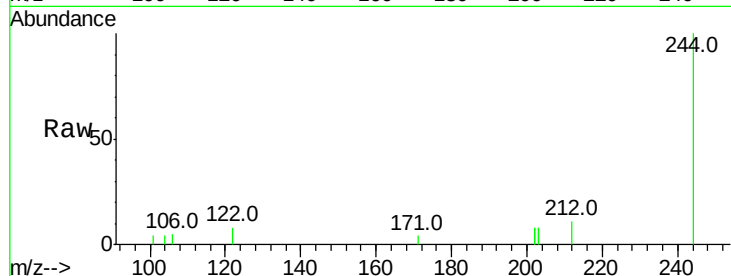




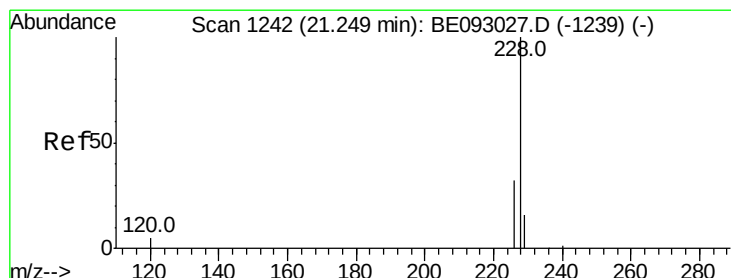
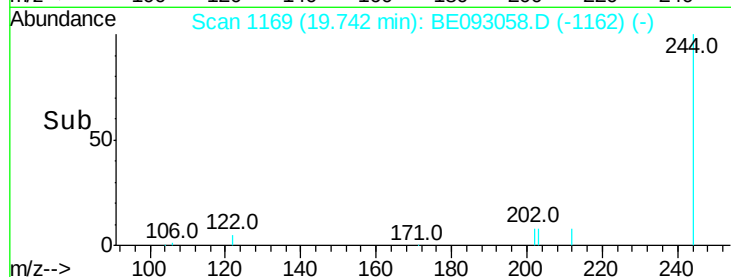
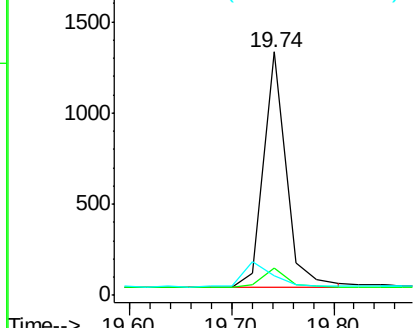
#29
 Terphenyl-d14
 Concen: 0.29 ng
 RT: 19.74 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BE093058.D
 Acq: 19 May 2017 13:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 1966
 Ion Ratio Lower Upper
 244 100
 212 11.4 10.6 16.0
 122 8.0 15.4 23.0#

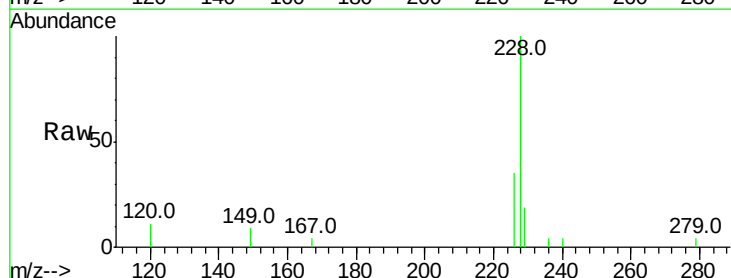


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

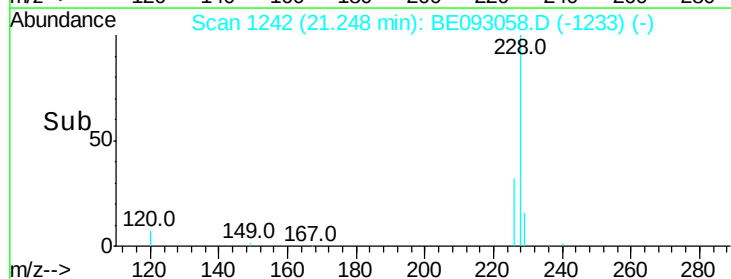
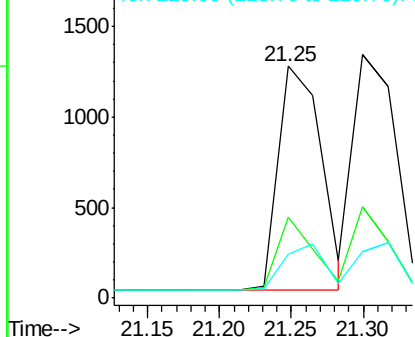


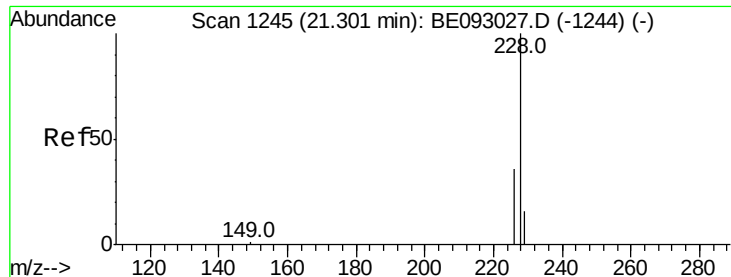
#30
 Benzo(a)anthracene
 Concen: 0.26 ng
 RT: 21.25 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BE093058.D
 Acq: 19 May 2017 13:24

Tgt Ion:228 Resp: 2586
 Ion Ratio Lower Upper
 228 100
 226 34.8 19.7 29.5#
 229 19.2 19.2 28.8



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: 0.26 ng

RT: 21.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

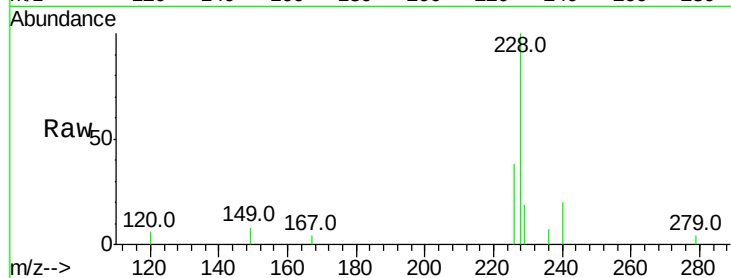
Tot Ion:228 Resp: 2772

Ion Ratio Lower Upper

228 100

226 37.7 21.5 32.3#

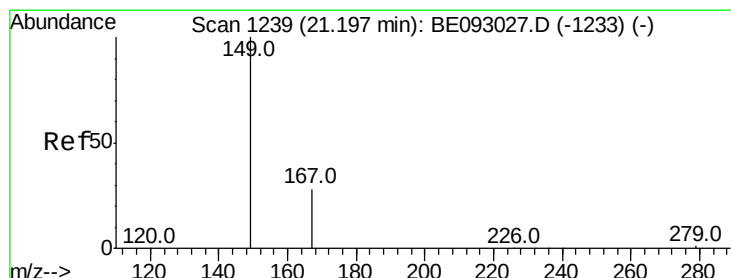
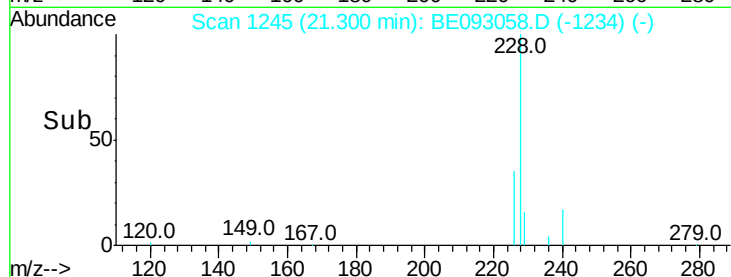
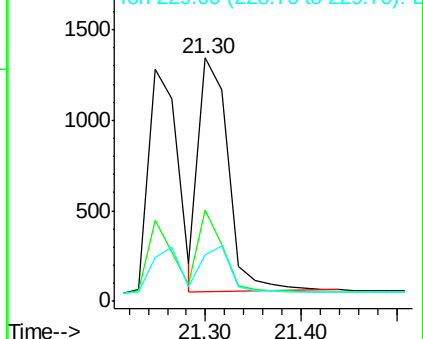
229 19.0 18.6 28.0



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: 0.24 ng

RT: 21.20 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

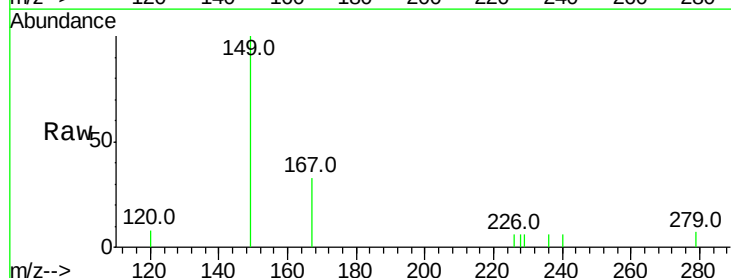
Tgt Ion:149 Resp: 1008

Ion Ratio Lower Upper

149 100

167 27.3 20.1 30.1

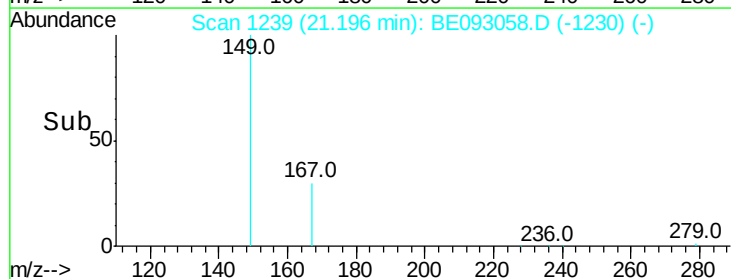
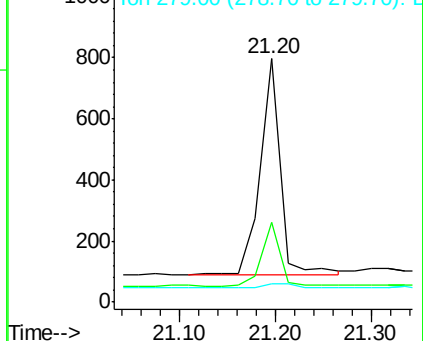
279 3.0 2.2 3.4

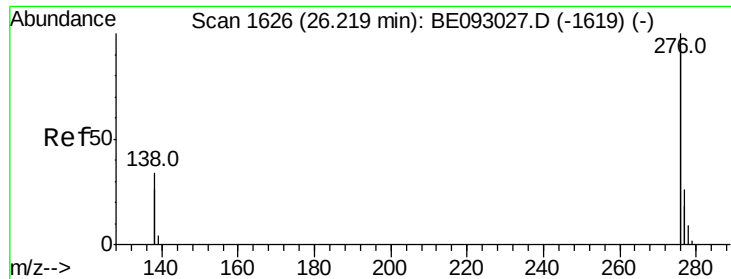


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.30 ng

RT: 26.22 min Scan# 1626

Delta R.T. 0.00 min

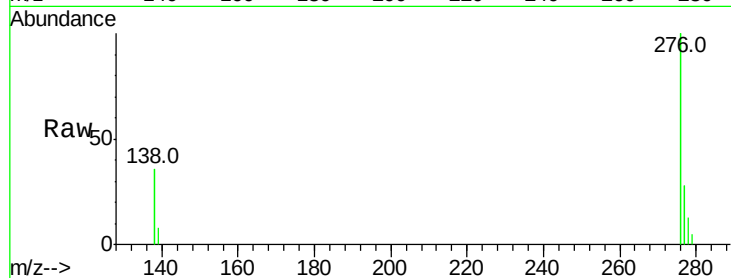
Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :



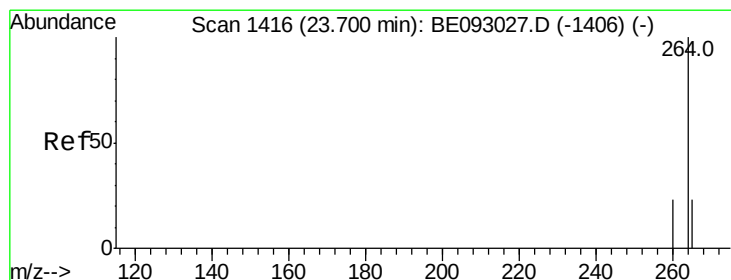
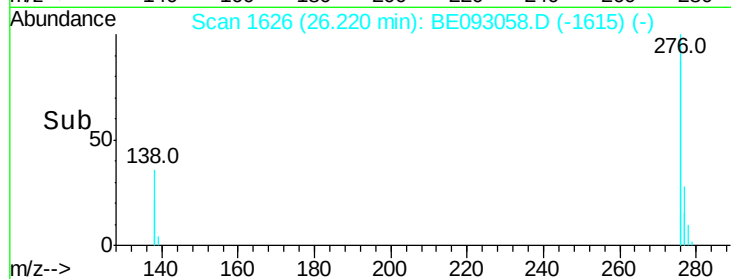
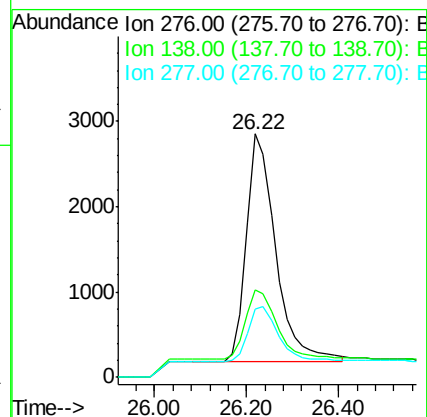
Tot Ion:276 Resp: 11726

Ion Ratio Lower Upper

276 100

138 32.9 27.4 41.2

277 25.1 20.1 30.1



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

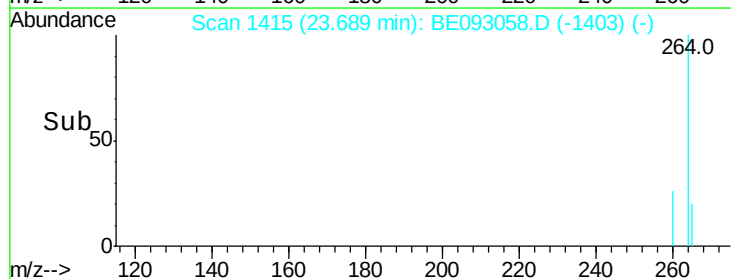
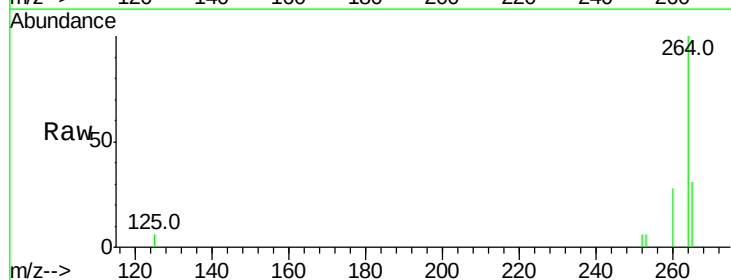
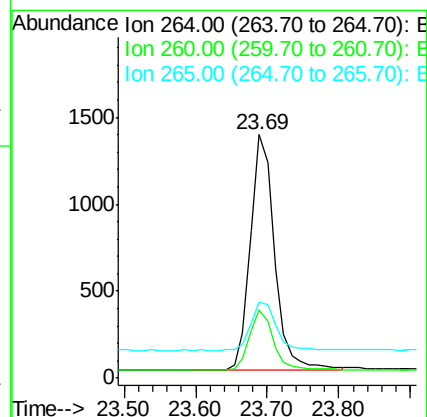
Tgt Ion:264 Resp: 3208

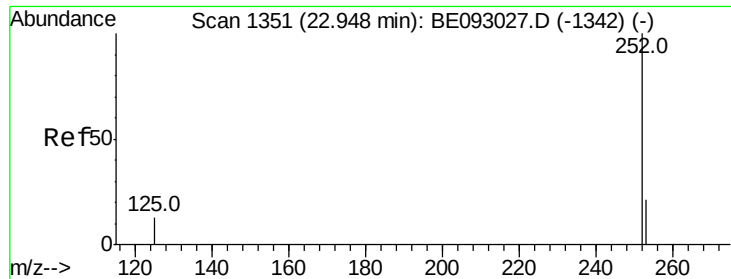
Ion Ratio Lower Upper

264 100

260 28.3 21.0 31.4

265 31.0 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.27 ng

RT: 22.95 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :

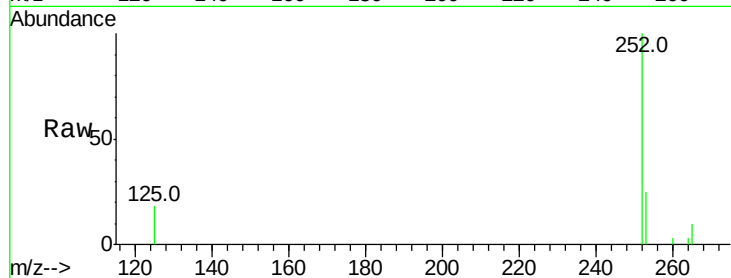
Tot Ion:252 Resp: 2747

Ion Ratio Lower Upper

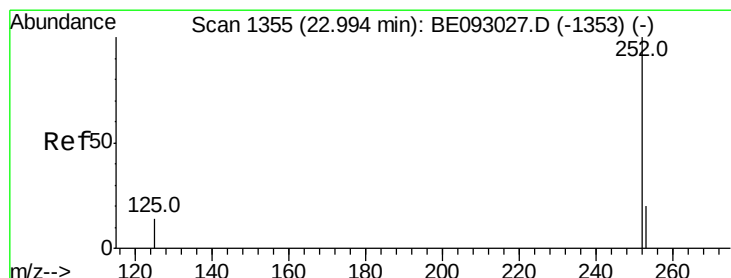
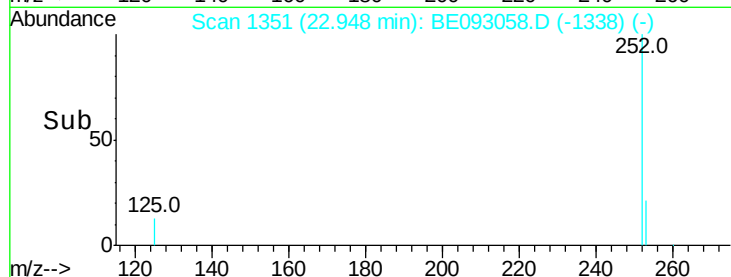
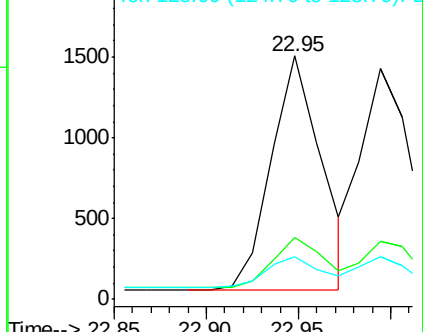
252 100

253 25.5 18.5 27.7

125 17.7 13.4 20.0



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: 0.27 ng

RT: 22.95 min Scan# 1351

Delta R.T. -0.05 min

Lab File: BE093058.D

Acq: 19 May 2017 13:24

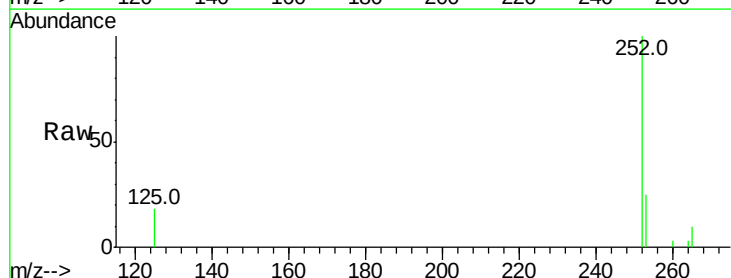
Tgt Ion:252 Resp: 2747

Ion Ratio Lower Upper

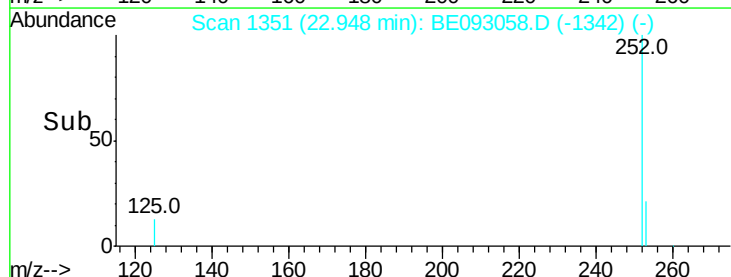
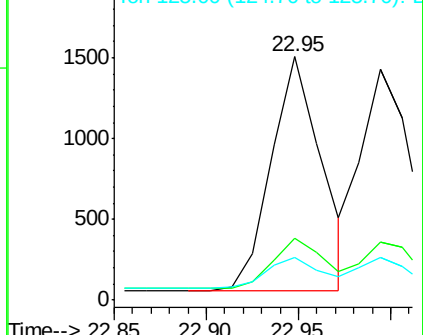
252 100

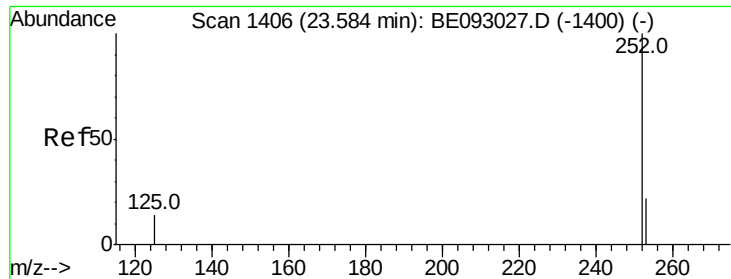
253 25.5 20.3 30.5

125 17.7 12.2 18.4



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

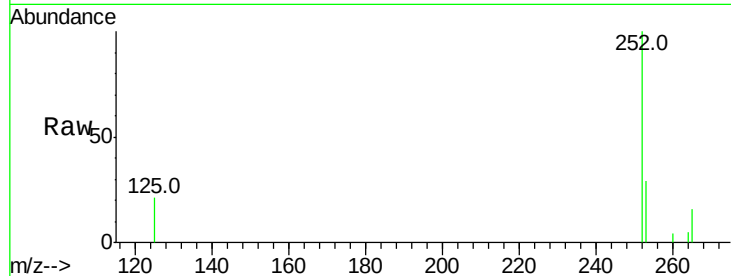




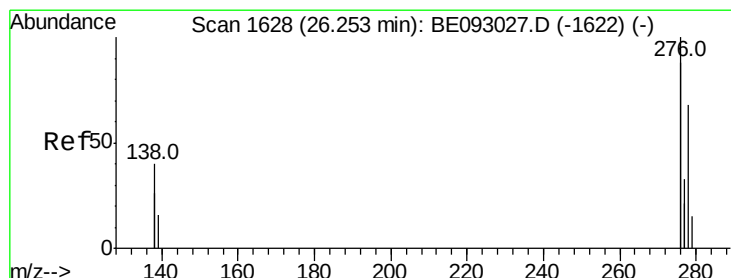
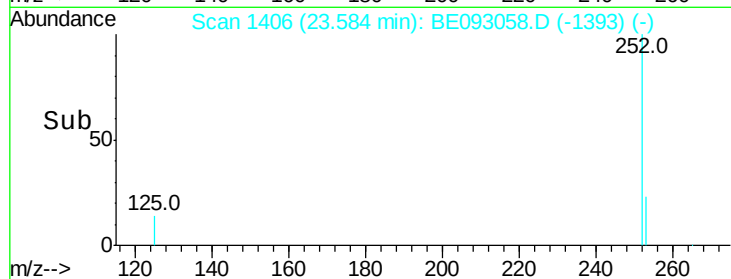
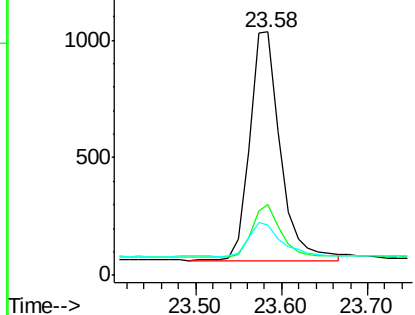
#37
Benzo(a)pyrene
Concen: 0.26 ng
RT: 23.58 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 2420
Ion Ratio Lower Upper
252 100
253 29.0 19.9 29.9
125 20.9 14.6 21.8

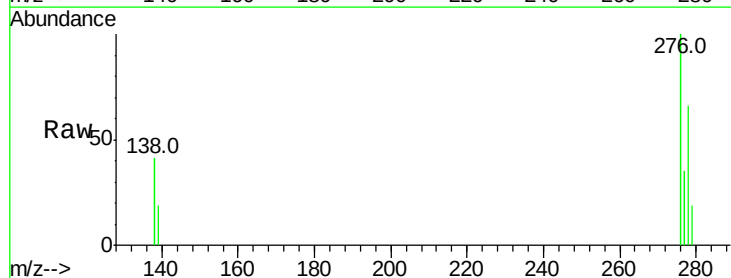


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

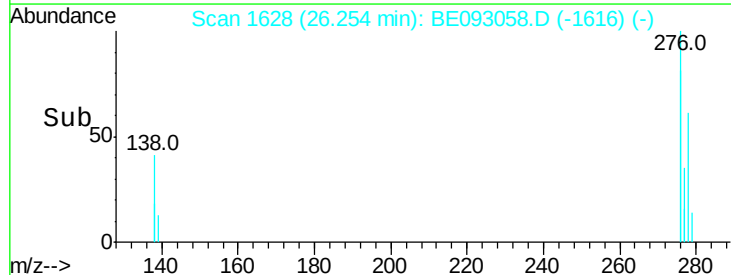
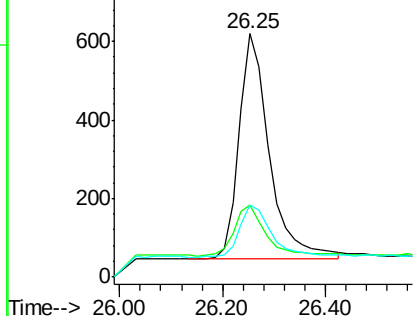


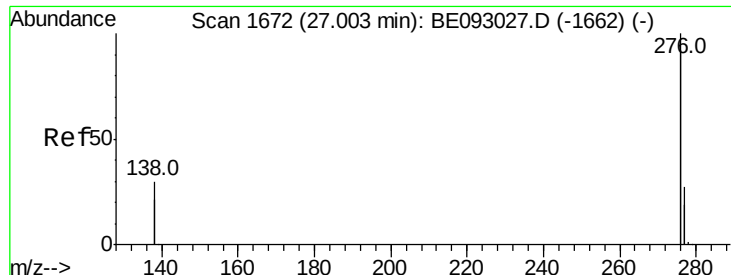
#38
Dibenzo(a,h)anthracene
Concen: 0.27 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE093058.D
Acq: 19 May 2017 13:24

Tgt Ion:278 Resp: 2349
Ion Ratio Lower Upper
278 100
139 29.4 21.4 32.0
279 29.5 22.2 33.2



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: 0.27 ng

RT: 27.00 min Scan# 1672

Delta R.T. 0.00 min

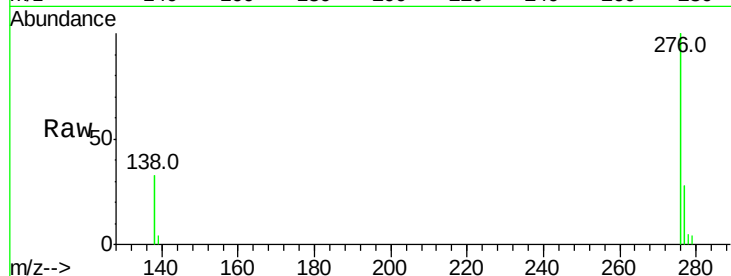
Lab File: BE093058.D

Acq: 19 May 2017 13:24

Instrument :

BNA_E

ClientSampleId :



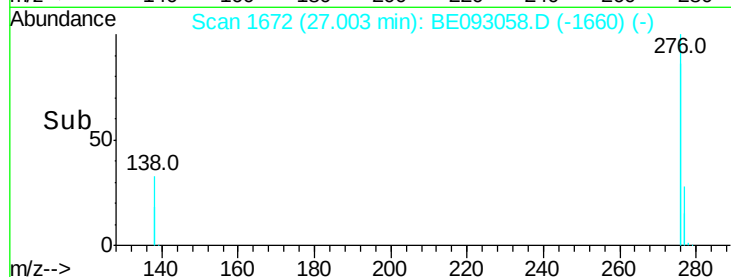
Tot Ion: 276 Resp: 10334

Ion Ratio Lower Upper

276 100

277 28.2 21.2 31.8

138 32.8 24.5 36.7



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

