

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093040.D
 Acq On : 15 May 2017 18:42
 Operator : SJ/MA
 Sample : I3079-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 01:13:01 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	1017	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	4289	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2040	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5783	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6241	0.40	ng	0.00
34) Perylene-d12	23.69	264	5383	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	407	0.13	ng	0.00
5) Phenol-d6	6.92	99	336	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	1223	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1845	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	223	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3640	0.43	ng	0.00
25) Fluoranthene-d10	19.13	212	5107	0.34	ng	0.00
29) Terphenyl-d14	19.74	244	8241	0.71	ng	0.00

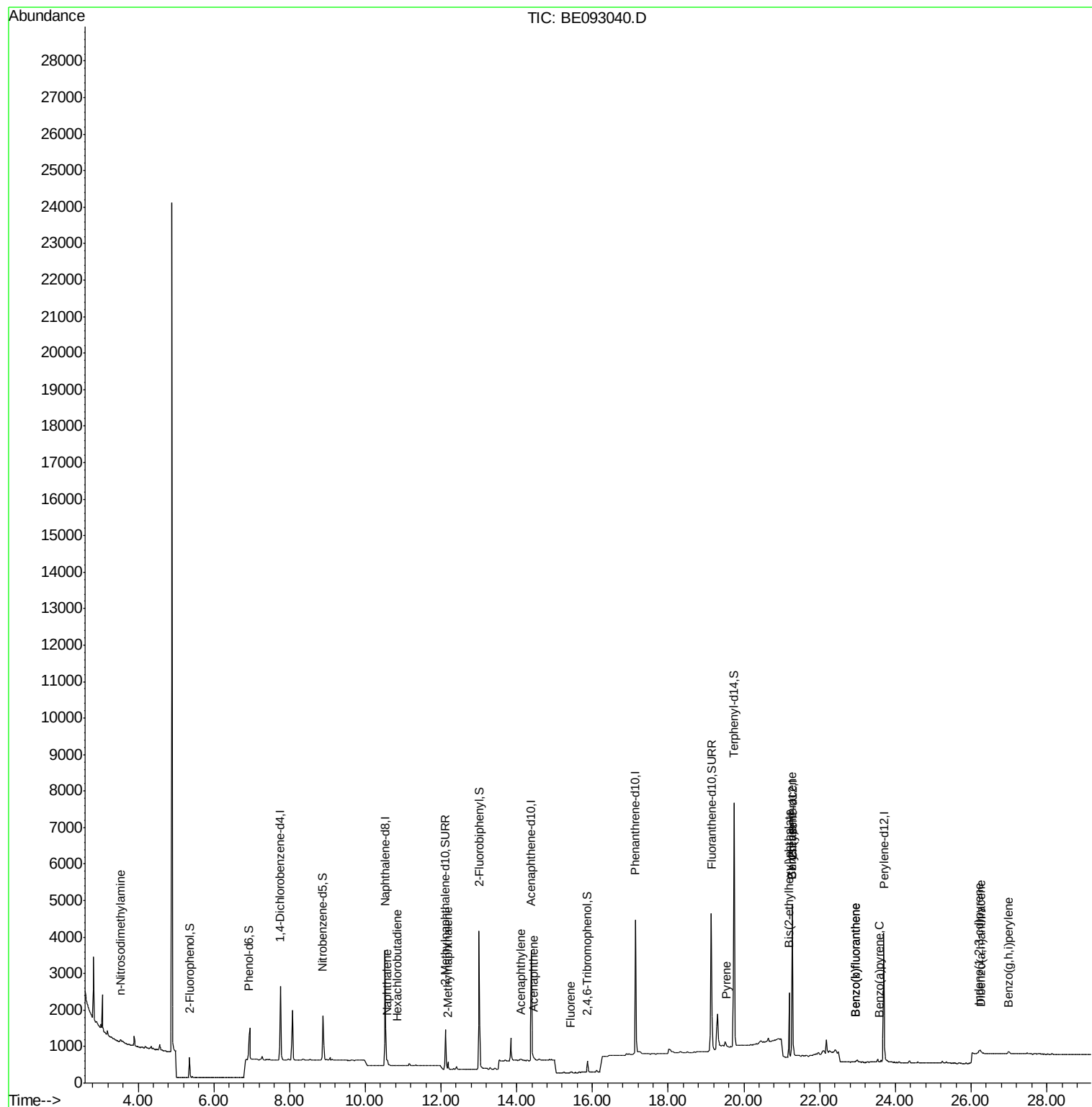
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.54	42	31	0.02	ng	# 1
9) Naphthalene	10.58	128	243	0.02	ng	# 38
10) Hexachlorobutadiene	10.85	225	1	0.00	ng	# 19
12) 2-Methylnaphthalene	12.19	142	147	0.02	ng	# 87
16) Acenaphthylene	14.10	152	53	0.00	ng	# 1
17) Acenaphthene	14.44	154	3	0.00	ng	# 1
18) Fluorene	15.43	166	21	0.00	ng	# 90
21) Hexachlorobenzene	16.47	284	2	Below Cal		# 100
22) Pentachlorophenol	16.79	266	12	Below Cal		# 82
23) Phenanthrene	17.19	178	93	Below Cal		# 60
24) Anthracene	17.28	178	57	Below Cal		# 76
28) Pyrene	19.53	202	133	0.00	ng	# 53
30) Benzo(a)anthracene	21.27	228	98	0.01	ng	# 1
31) Chrysene	21.27	228	101	0.01	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.20	149	1724	0.24	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.22	276	241	0.00	ng	# 81
35) Benzo(b)fluoranthene	22.95	252	62	0.00	ng	# 1
36) Benzo(k)fluoranthene	22.95	252	62	0.00	ng	# 1
37) Benzo(a)pyrene	23.59	252	31	0.00	ng	# 1
38) Dibenzo(a,h)anthracene	26.25	278	35	0.00	ng	# 1
39) Benzo(g,h,i)perylene	26.99	276	177	0.00	ng	# 1

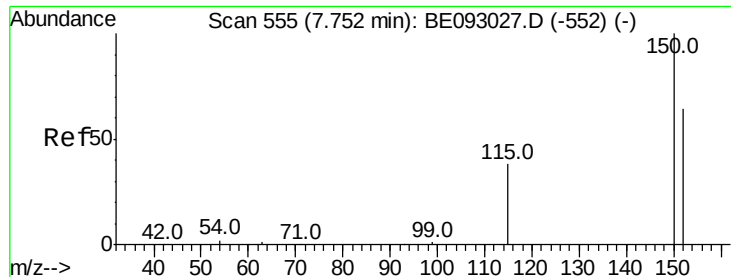
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093040.D
Acq On : 15 May 2017 18:42
Operator : SJ/MA
Sample : I3079-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 16 01:13:01 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



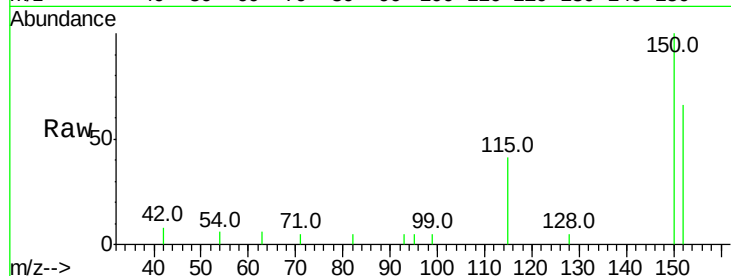


#1

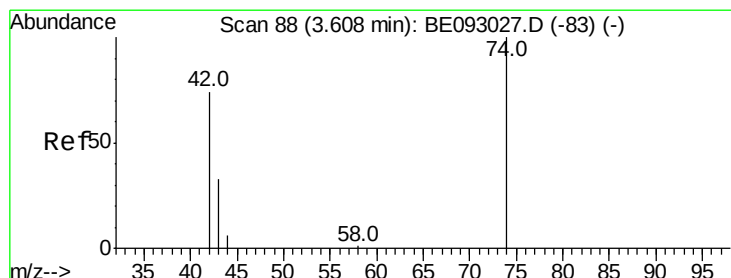
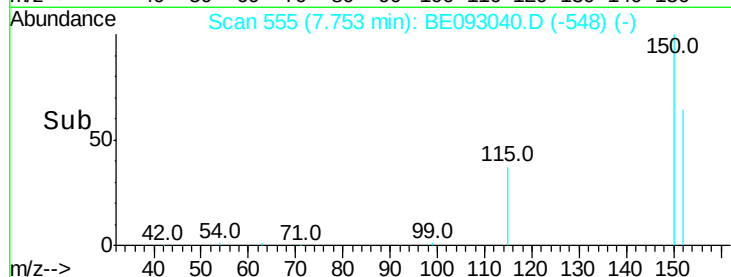
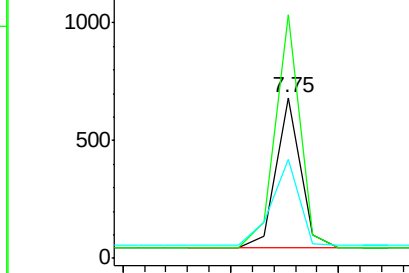
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093040.D
Acq: 15 May 2017 18:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1017
Ion Ratio Lower Upper
152 100
150 151.2 125.1 187.7
115 61.5 55.7 83.5



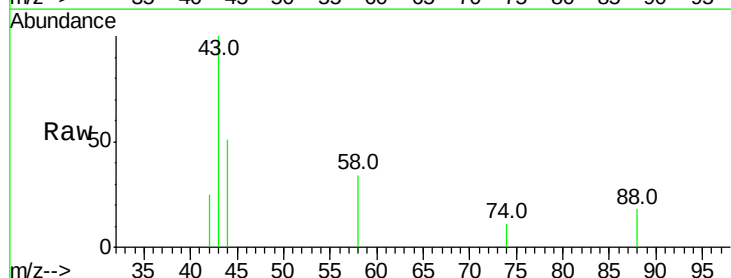
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



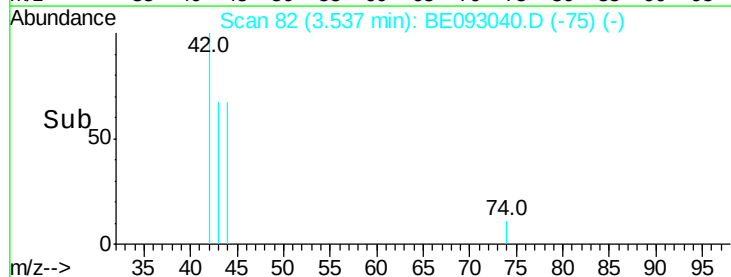
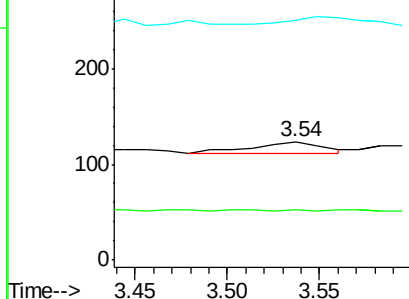
#3

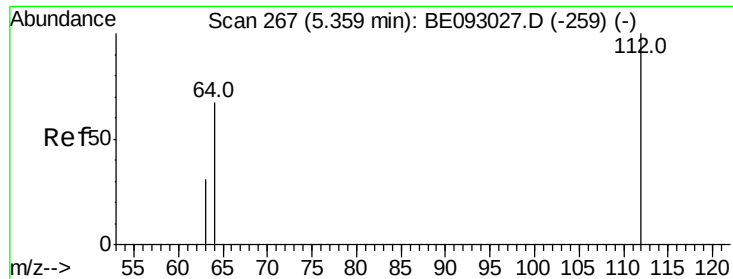
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.54 min Scan# 82
Delta R.T. -0.07 min
Lab File: BE093040.D
Acq: 15 May 2017 18:42

Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
74 6.5 99.1 148.7#
44 132.3 7.4 11.2#



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: 0.13 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

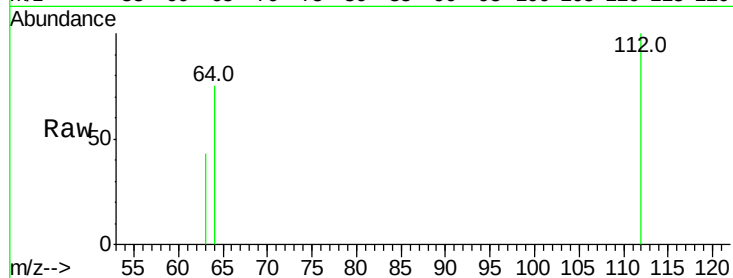
Tot Ion:112 Resp: 407

Ion Ratio Lower Upper

112 100

64 71.7 56.4 84.6

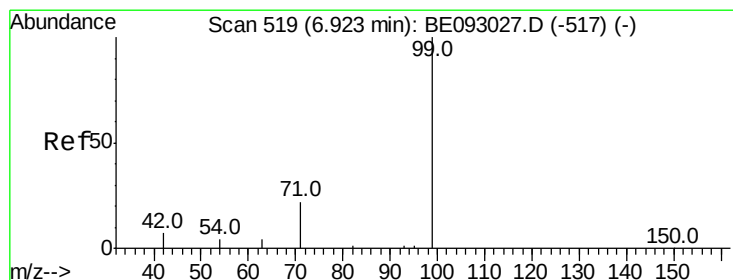
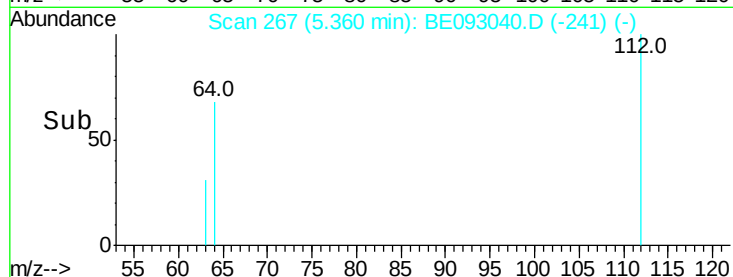
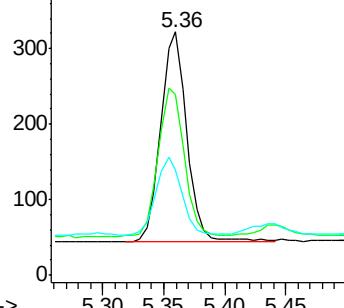
63 36.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.08 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

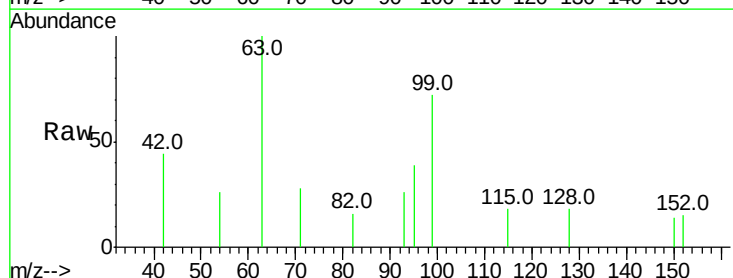
Tgt Ion: 99 Resp: 336

Ion Ratio Lower Upper

99 100

42 53.0 0.0 0.0#

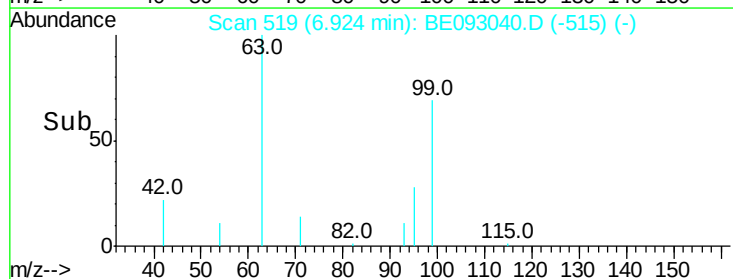
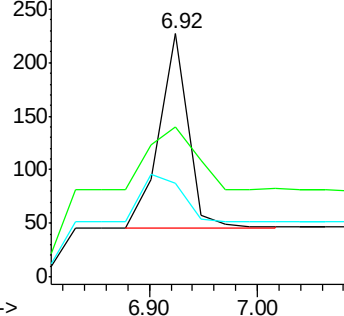
71 0.0 0.0 0.0

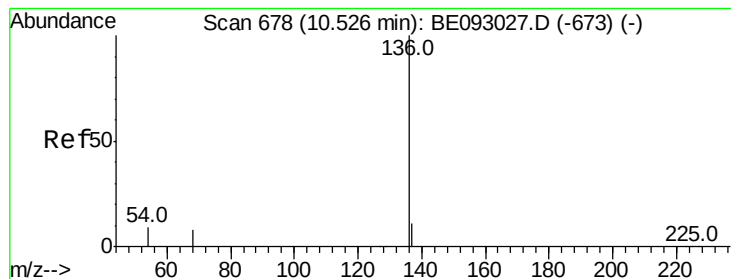


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4289

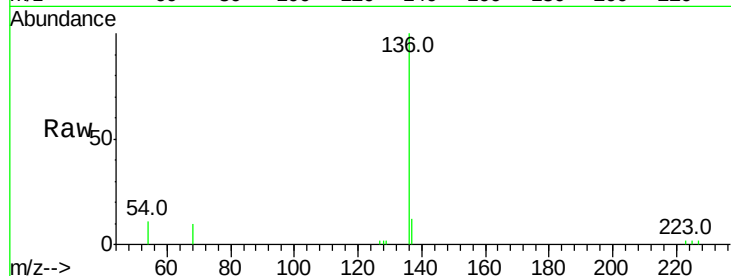
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 10.8 10.3 15.5

68 9.8 9.0 13.4

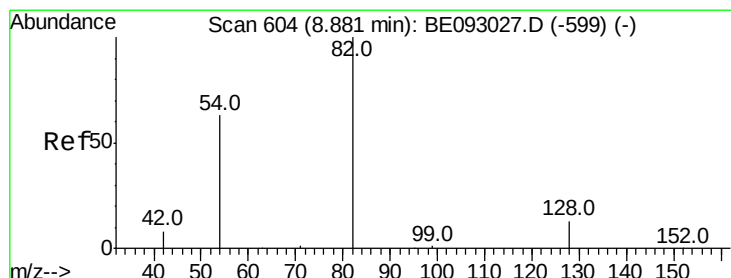
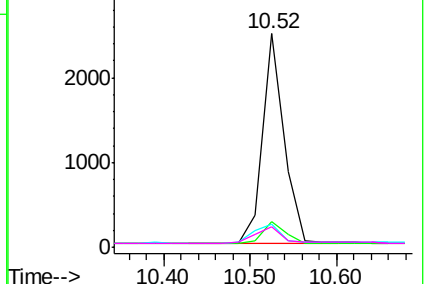
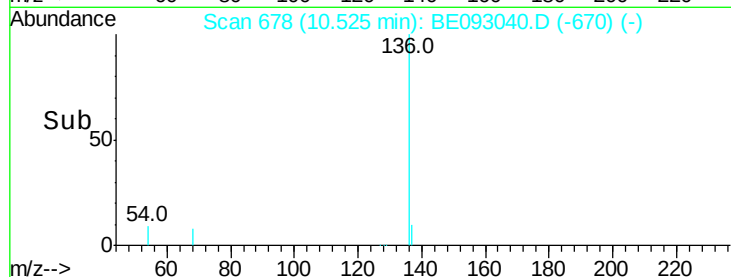


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.33 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

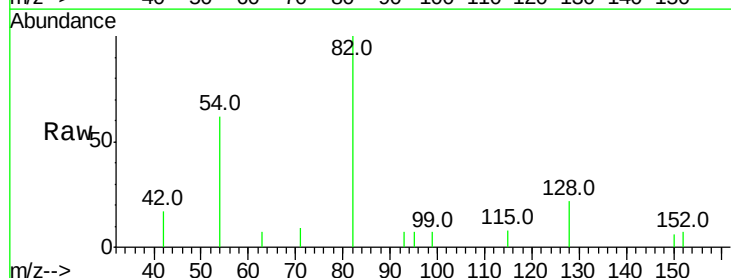
Tgt Ion: 82 Resp: 1223

Ion Ratio Lower Upper

82 100

128 21.5 17.0 25.4

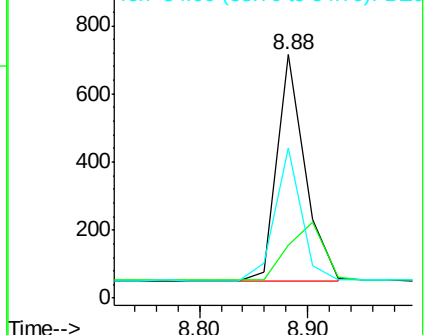
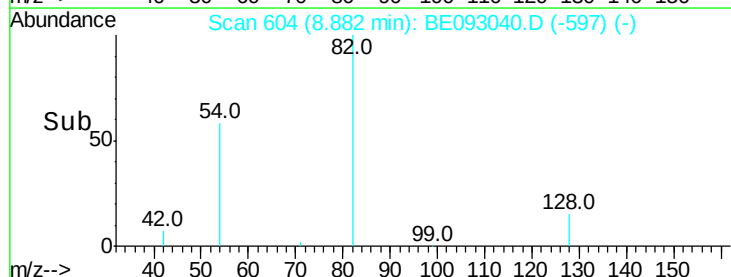
54 61.5 53.8 80.6

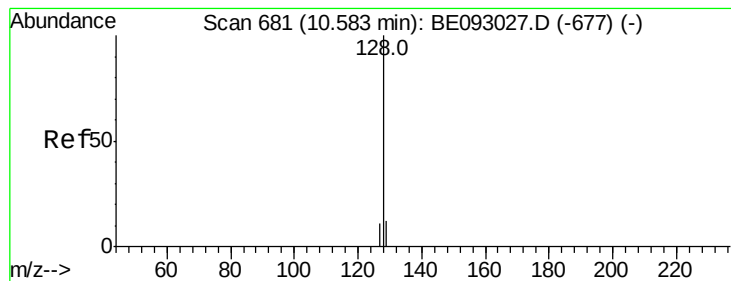


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.02 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampled :

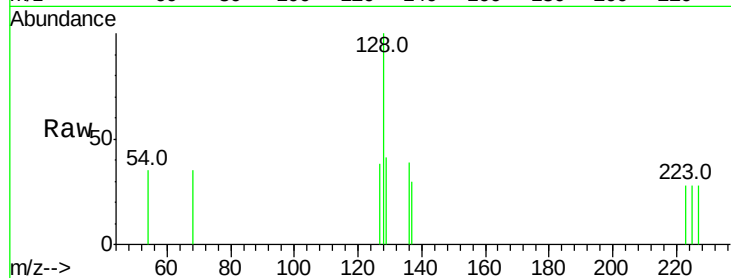
Tot Ion:128 Resp: 243

Ion Ratio Lower Upper

128 100

129 40.5 11.4 17.0#

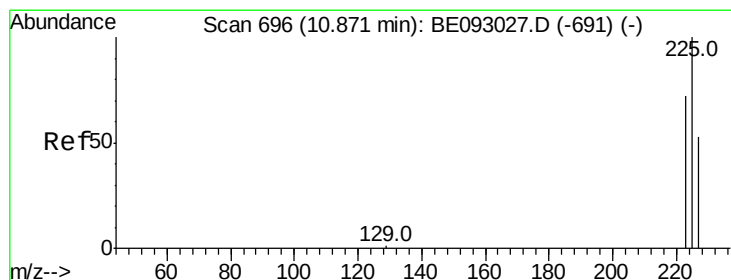
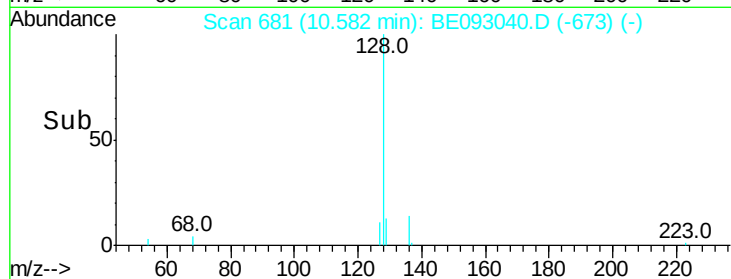
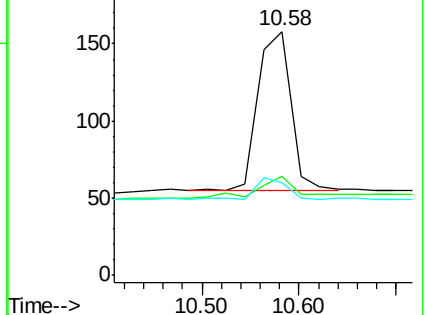
127 38.0 11.2 16.8#



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: 0.00 ng

RT: 10.85 min Scan# 695

Delta R.T. -0.02 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

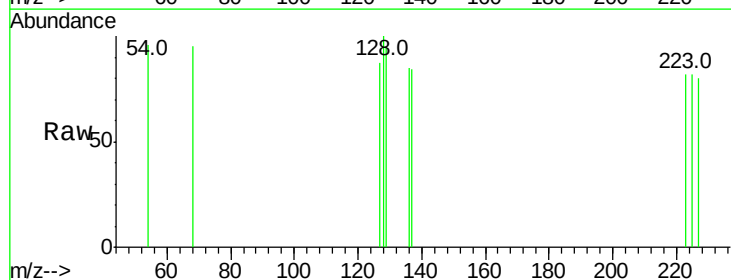
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

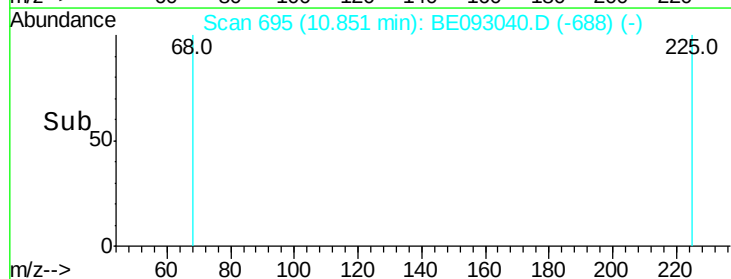
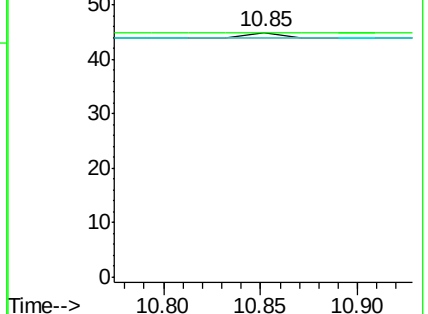
227 0.0 50.3 75.5#

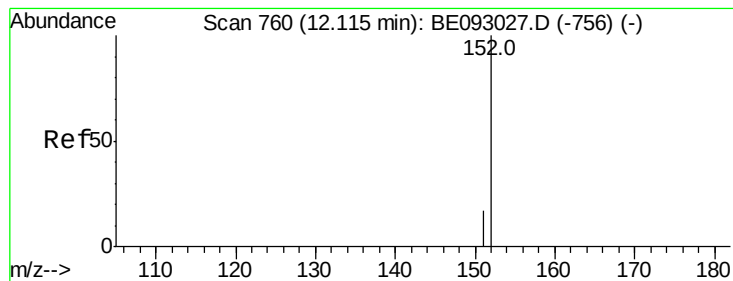


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

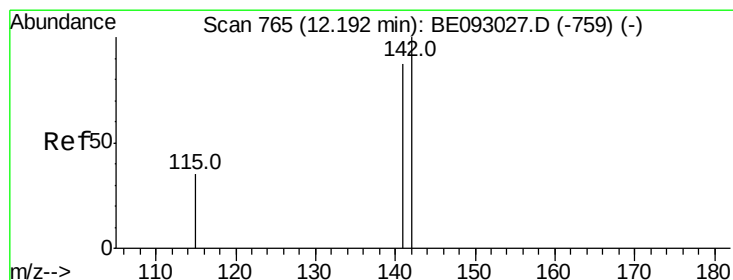
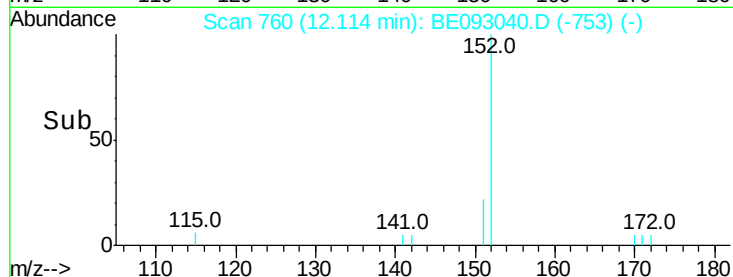
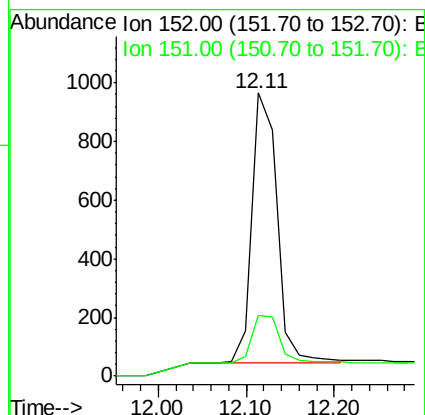
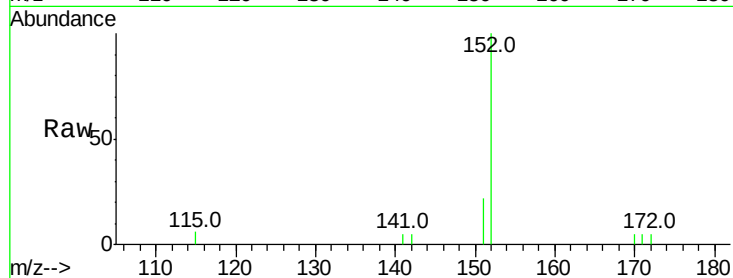




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093040.D
Acq: 15 May 2017 18:42

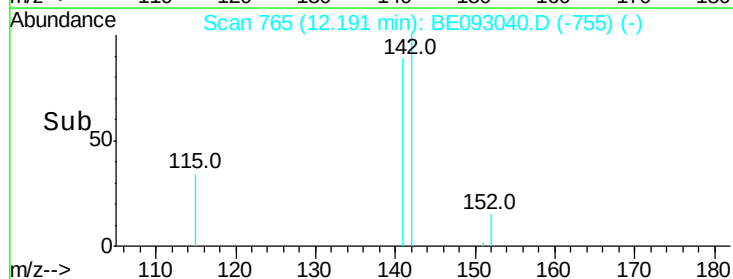
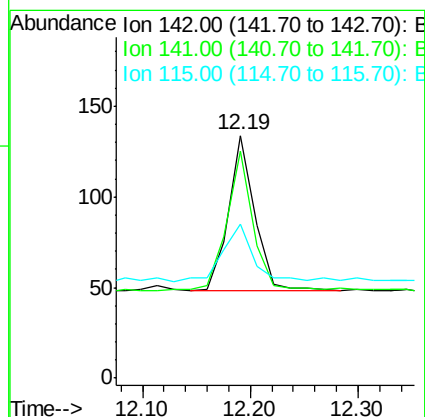
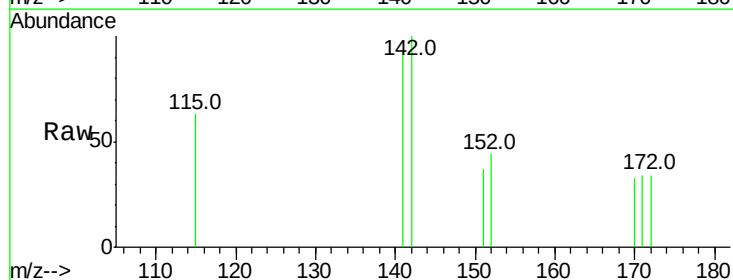
Instrument :
BNA_E
ClientSampled :

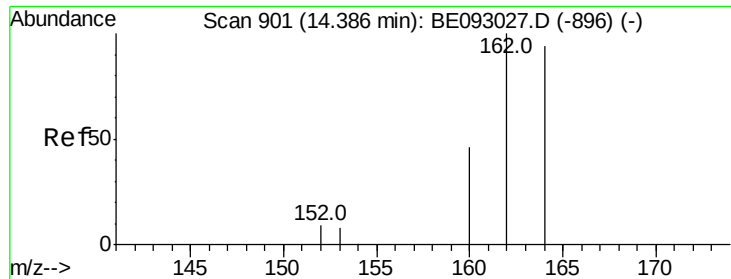
Tot Ion:152 Resp: 1845
Ion Ratio Lower Upper
152 100
151 19.3 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093040.D
Acq: 15 May 2017 18:42

Tgt Ion:142 Resp: 147
Ion Ratio Lower Upper
142 100
141 93.3 72.6 108.8
115 63.4 32.2 48.2#

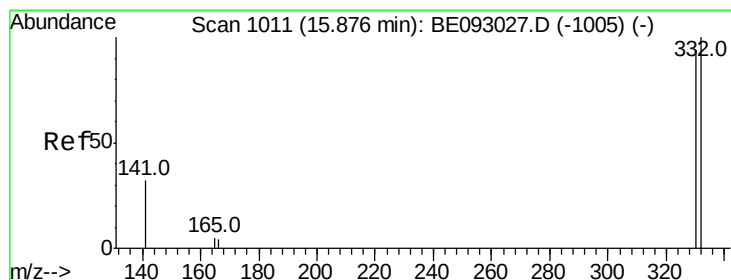
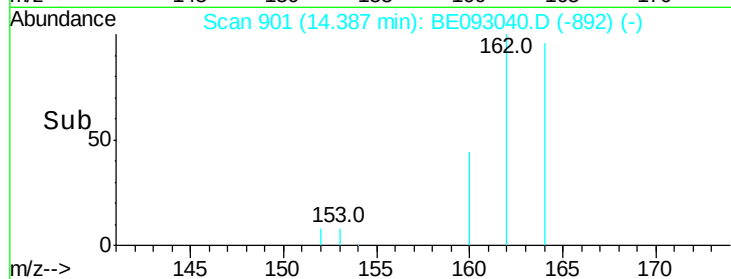
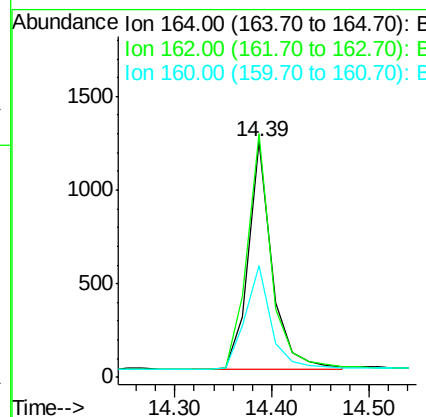
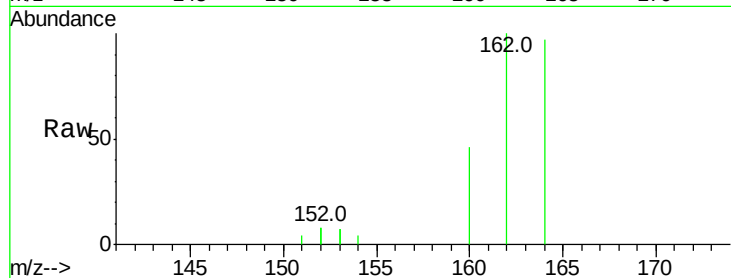




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE093040.D
 Acq: 15 May 2017 18:42

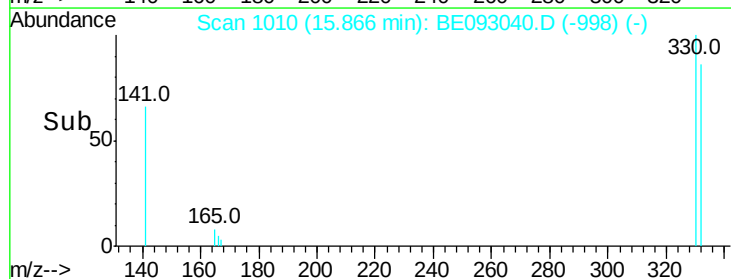
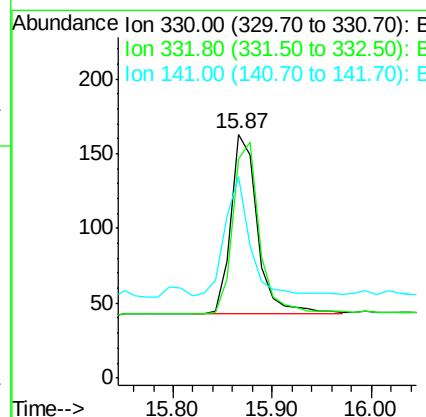
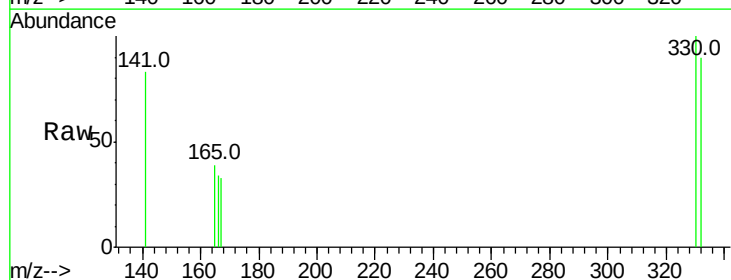
Instrument :
 BNA_E
 ClientSampleId :

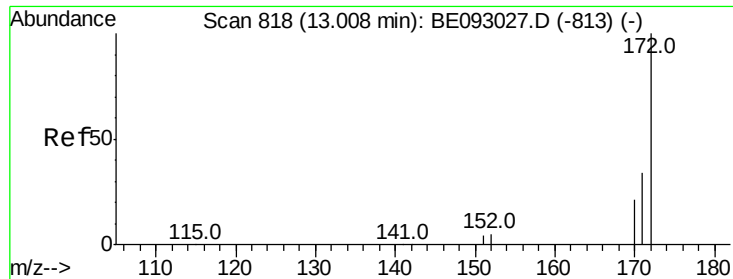
Tot Ion:164 Resp: 2040
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.6 127.0
 160 47.5 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.37 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093040.D
 Acq: 15 May 2017 18:42

Tgt Ion:330 Resp: 223
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.7 116.5
 141 65.5 56.2 84.4

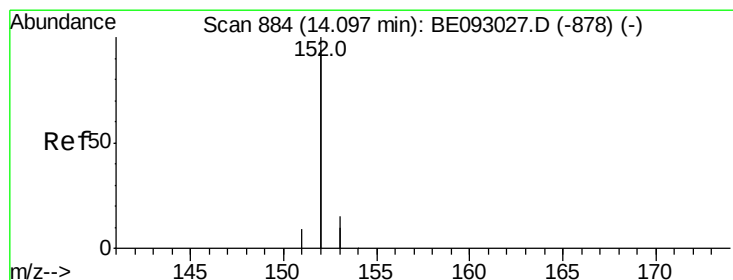
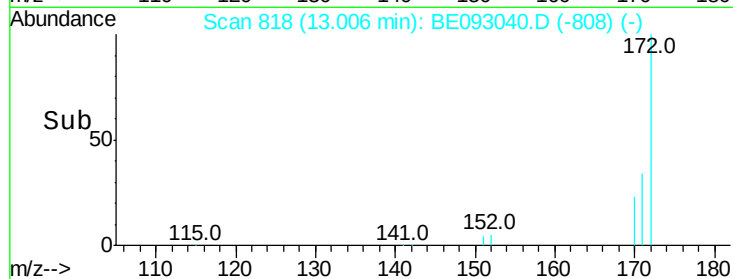
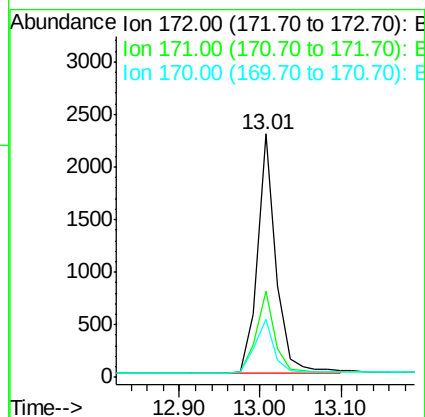
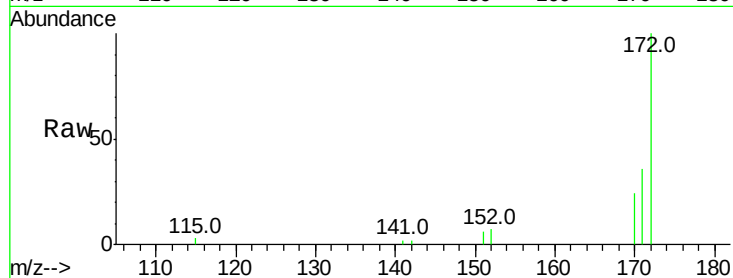




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093040.D
Acq: 15 May 2017 18:42

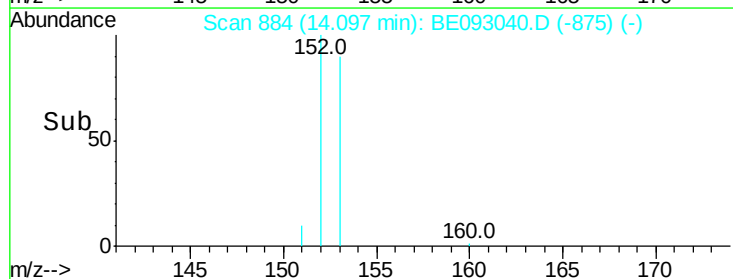
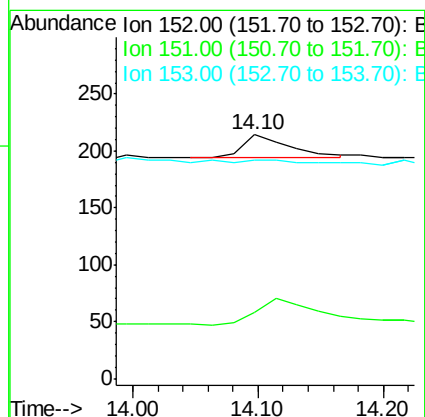
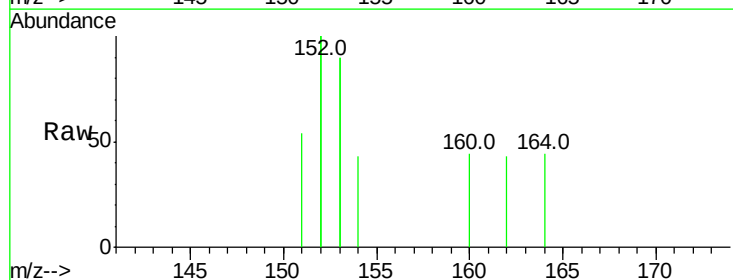
Instrument :
BNA_E
ClientSampleId :

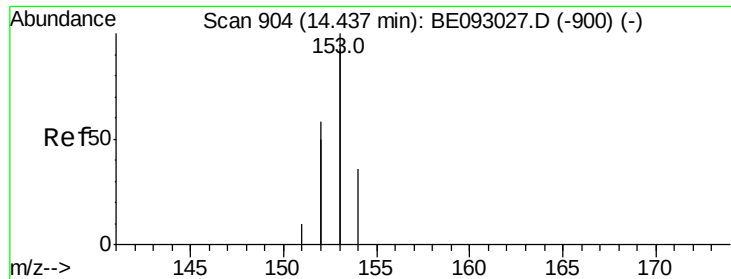
Tot Ion:172 Resp: 3640
Ion Ratio Lower Upper
172 100
171 35.6 29.8 44.6
170 24.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093040.D
Acq: 15 May 2017 18:42

Tgt Ion:152 Resp: 53
Ion Ratio Lower Upper
152 100
151 156.6 4.0 6.0#
153 0.0 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

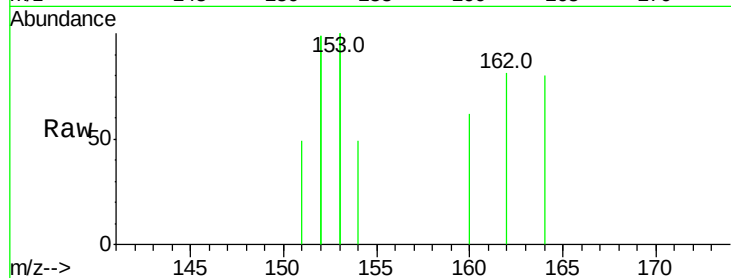
Tot Ion:154 Resp: 3

Ion Ratio Lower Upper

154 100

153 1366.7 367.8 551.6#

152 533.3 188.2 282.2#



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

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

14.44

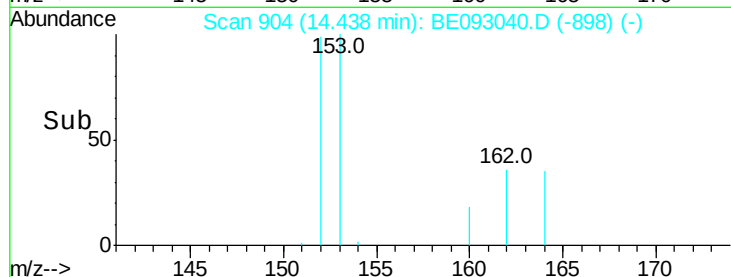
14.44

14.44

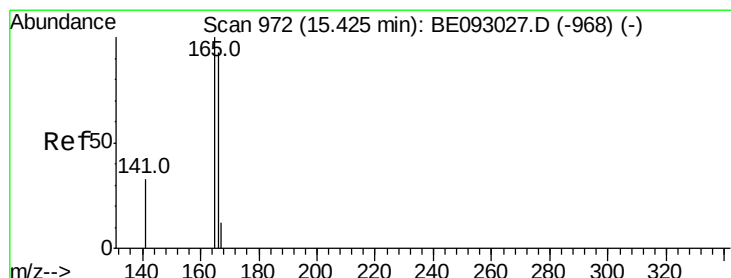
14.44

14.44

14.44



Time-->



#18

Fluorene

Concen: 0.00 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

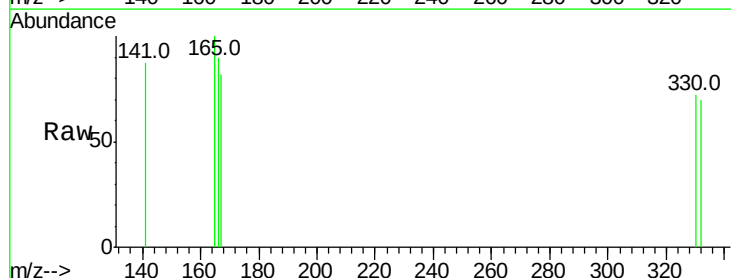
Tgt Ion:166 Resp: 21

Ion Ratio Lower Upper

166 100

165 104.8 78.6 117.8

167 0.0 11.1 16.7#



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

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

15.43

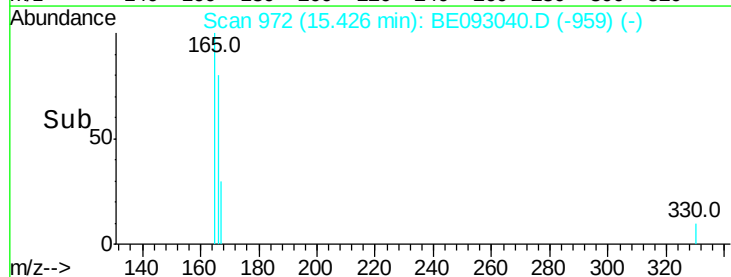
15.43

15.43

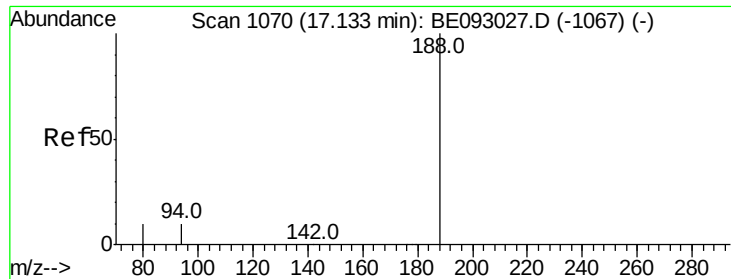
15.43

15.43

15.43



Time-->



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

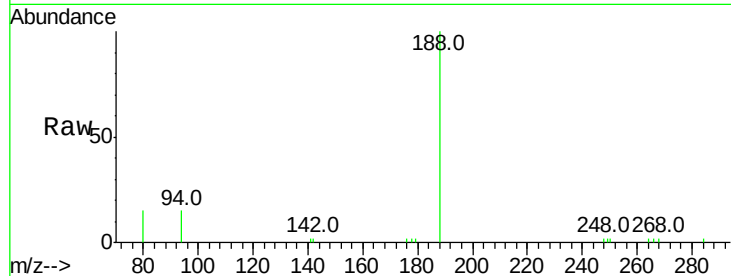
Tot Ion:188 Resp: 5783

Ion Ratio Lower Upper

188 100

94 14.7 11.3 16.9

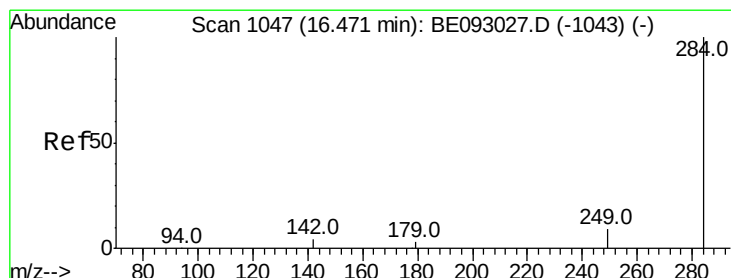
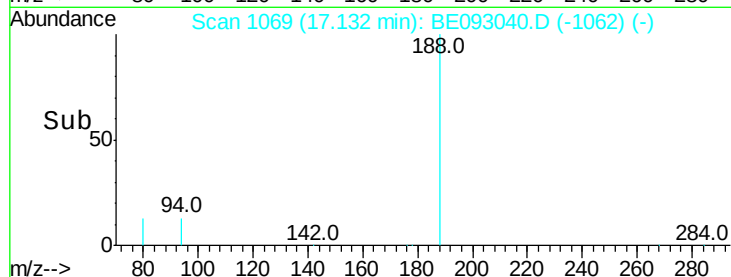
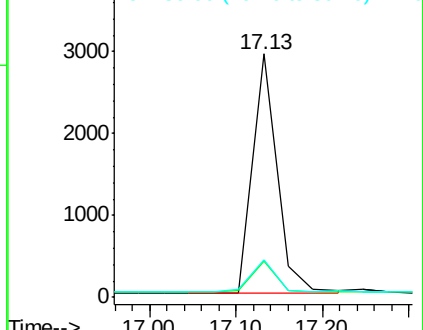
80 15.2 11.7 17.5



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



#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.47 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

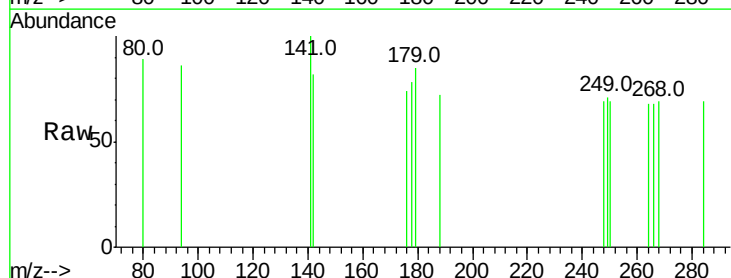
Tgt Ion:284 Resp: 2

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

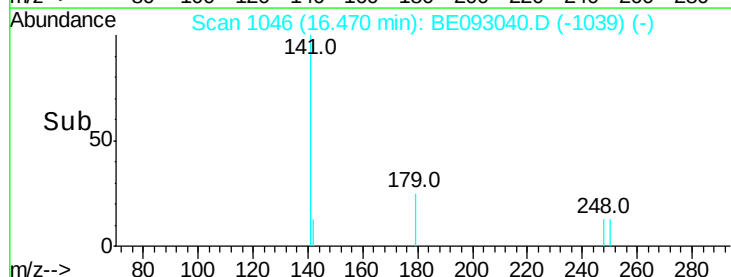
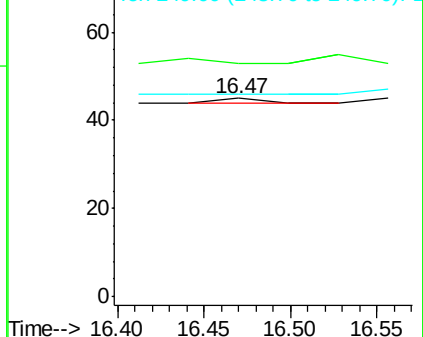
249 0.0 0.0 0.0

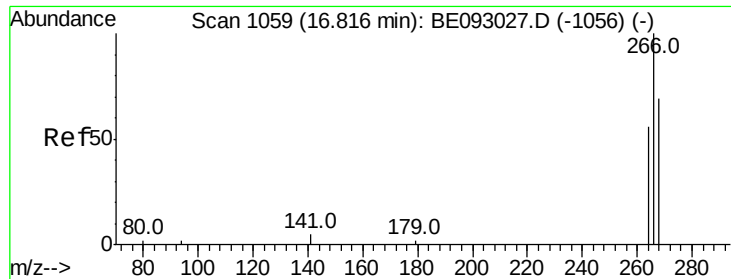


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.79 min Scan# 1057

Delta R.T. -0.03 min

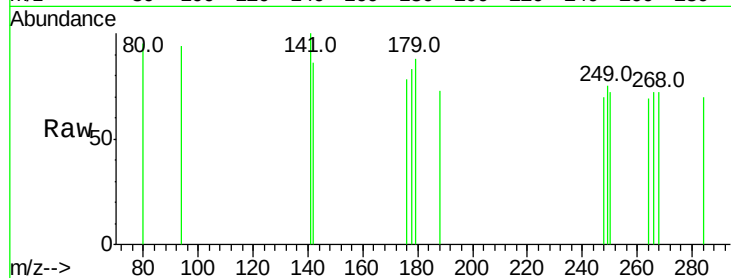
Lab File: BE093040.D

Acq: 15 May 2017 18:42

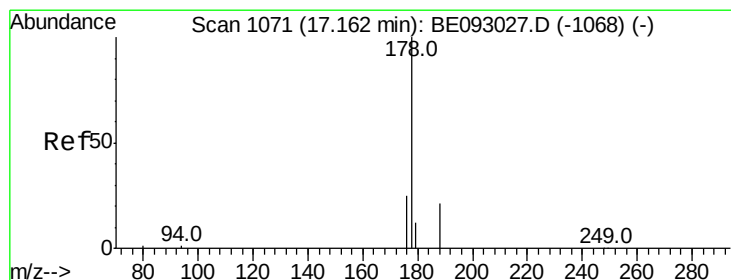
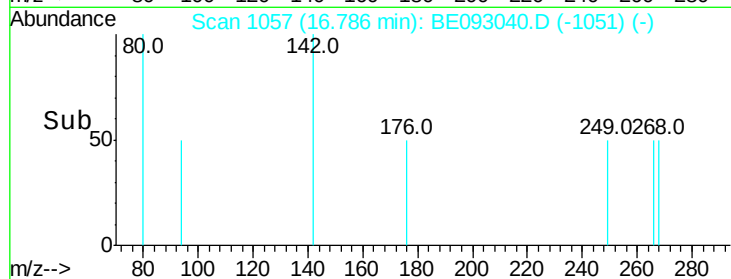
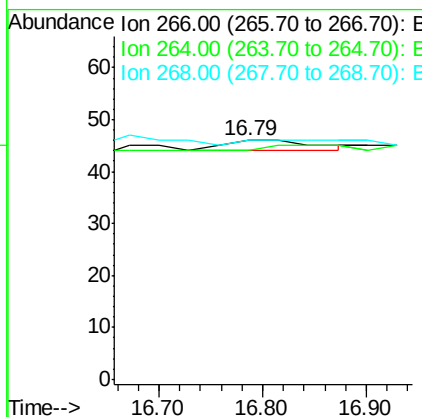
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	266	Resp:	12
Ion	Ratio	Lower	Upper
266	100		
264	95.7	58.2	87.2#
268	100.0	71.9	107.9



#23

Phenanthrene

Concen: Below Cal

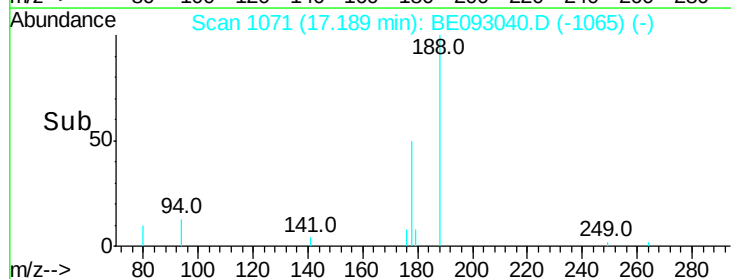
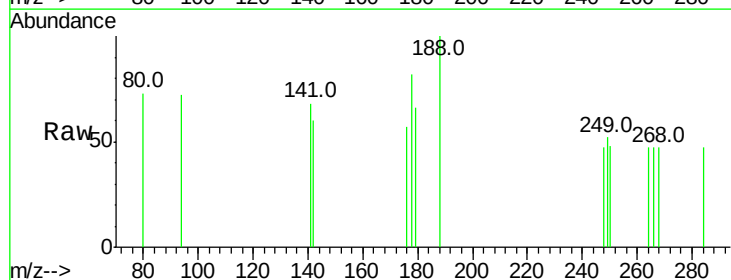
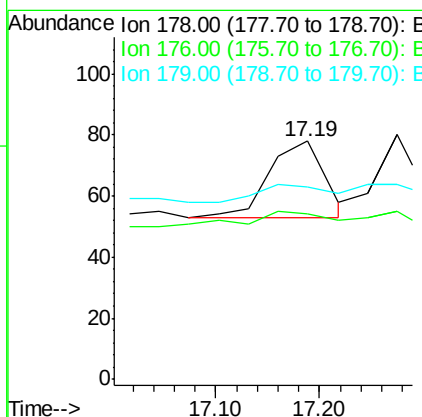
RT: 17.19 min Scan# 1071

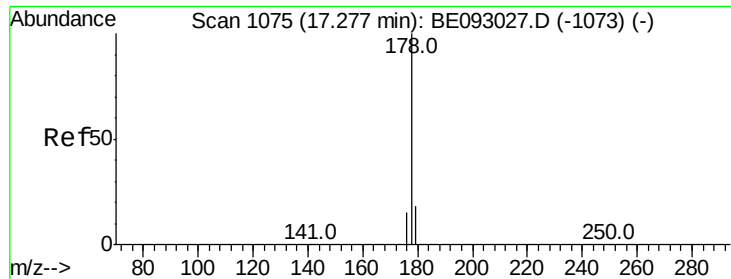
Delta R.T. 0.03 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Tgt Ion:	178	Resp:	93
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.7	19.1#





#24

Anthracene

Concen: Below Cal

RT: 17.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampled :

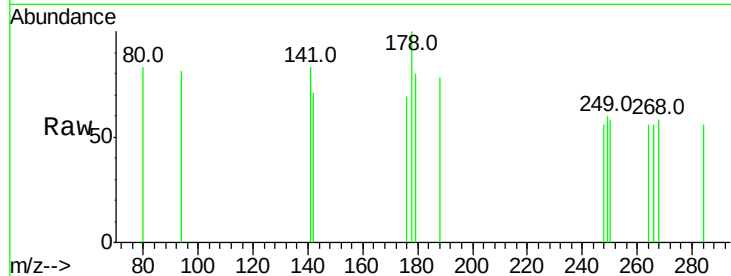
Tot Ion:178 Resp: 57

Ion Ratio Lower Upper

178 100

176 24.6 14.6 22.0#

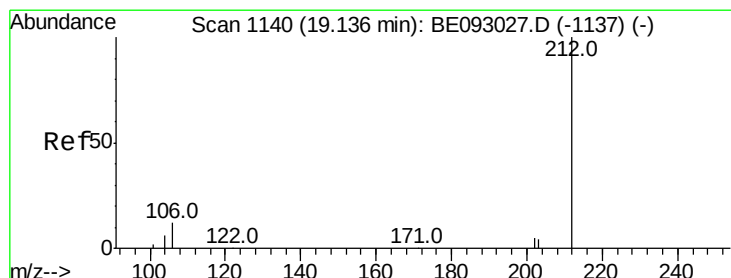
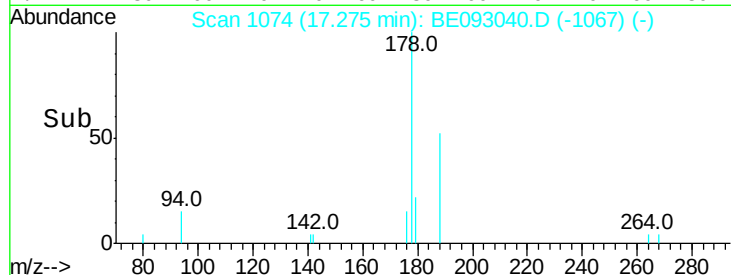
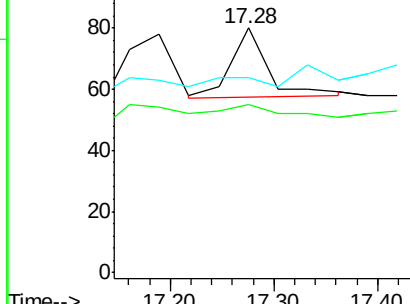
179 0.0 12.0 18.0#



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: 0.34 ng

RT: 19.13 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

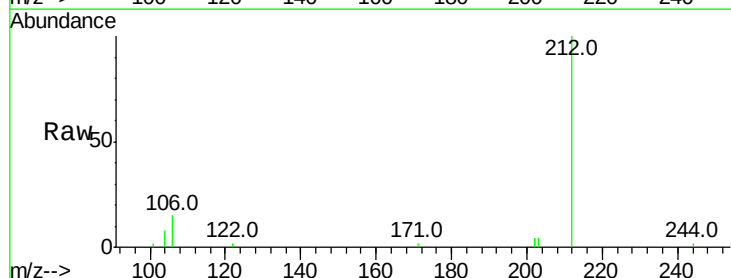
Tgt Ion:212 Resp: 5107

Ion Ratio Lower Upper

212 100

106 16.9 0.0 0.0#

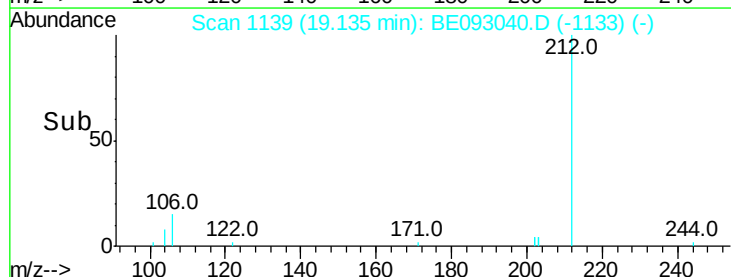
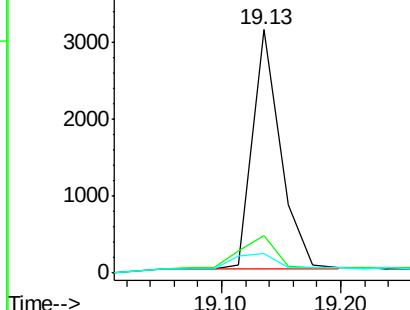
104 9.3 0.0 0.0#

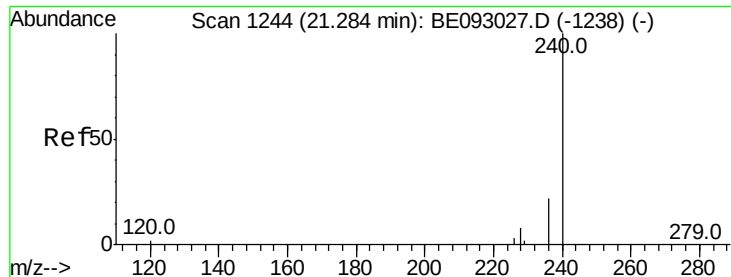


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

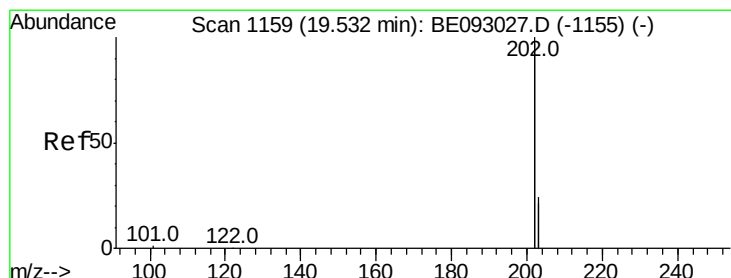
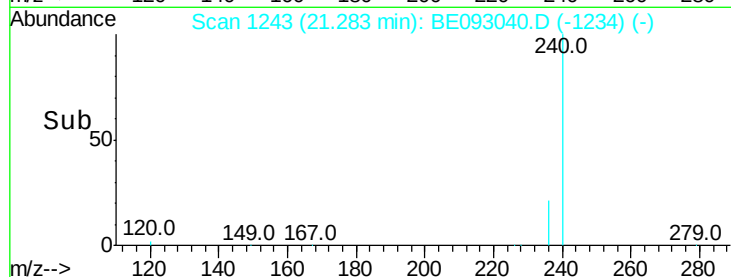
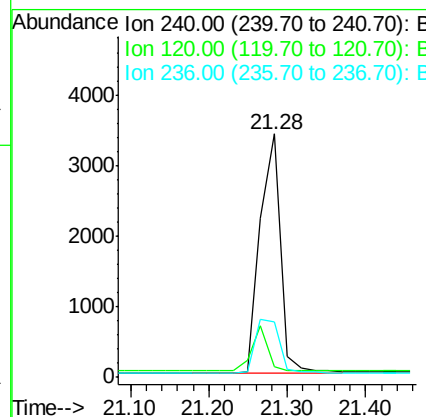
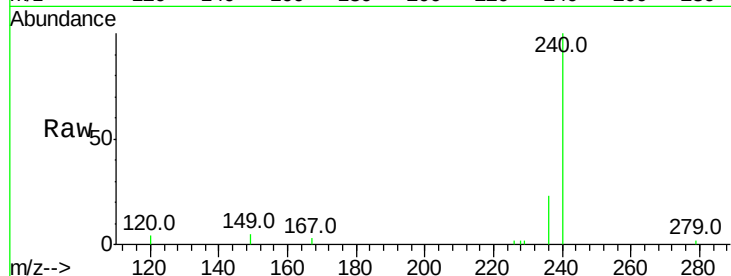




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BE093040.D
 Acq: 15 May 2017 18:42

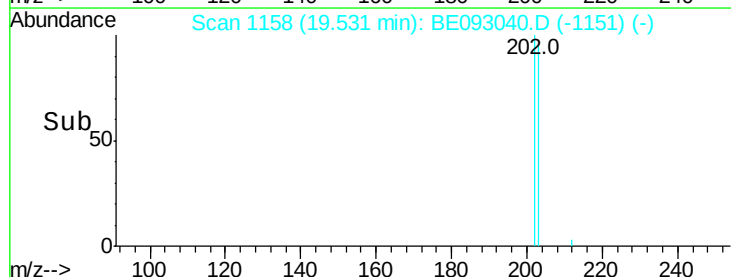
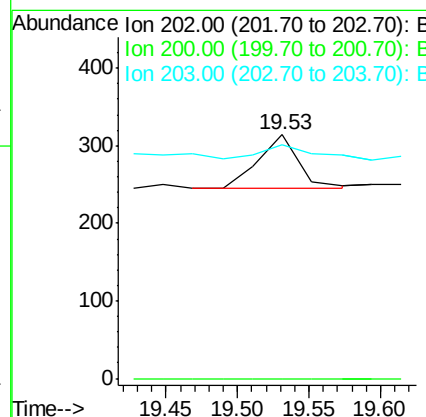
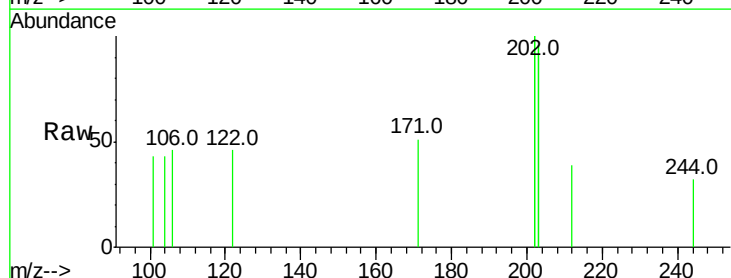
Instrument :
 BNA_E
 ClientSampleId :

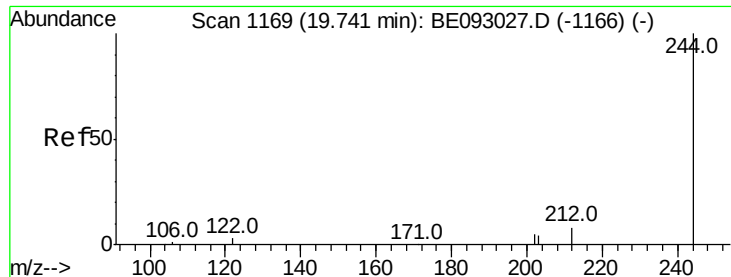
Tot Ion:240 Resp: 6241
 Ion Ratio Lower Upper
 240 100
 120 4.4 4.6 7.0#
 236 22.6 20.8 31.2



#28
 Pyrene
 Concen: 0.00 ng
 RT: 19.53 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BE093040.D
 Acq: 15 May 2017 18:42

Tgt Ion:202 Resp: 133
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 37.6 13.7 20.5#





#29

Terphenyl-d14

Concen: 0.71 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

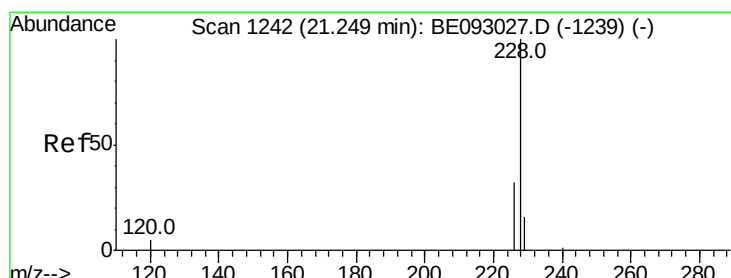
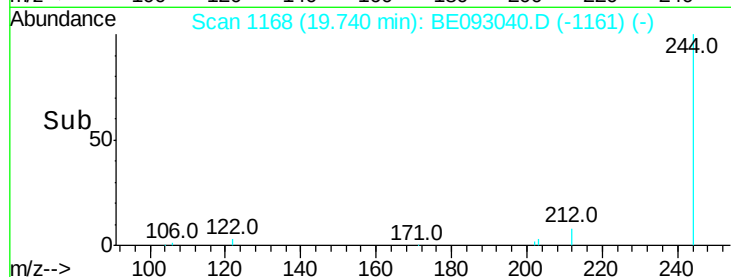
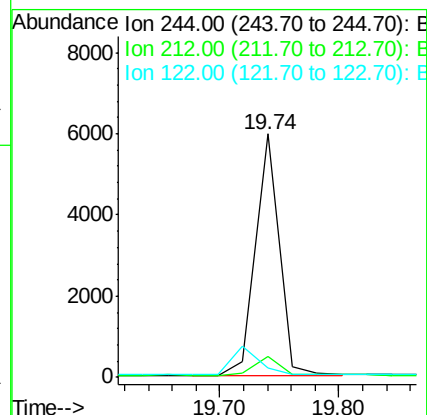
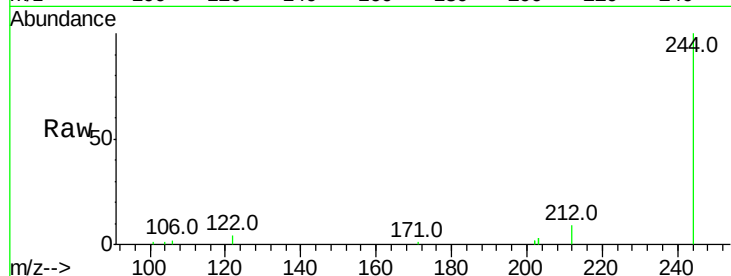
Tot Ion:244 Resp: 8241

Ion Ratio Lower Upper

244 100

212 8.6 10.6 16.0#

122 4.0 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.27 min Scan# 1242

Delta R.T. 0.02 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

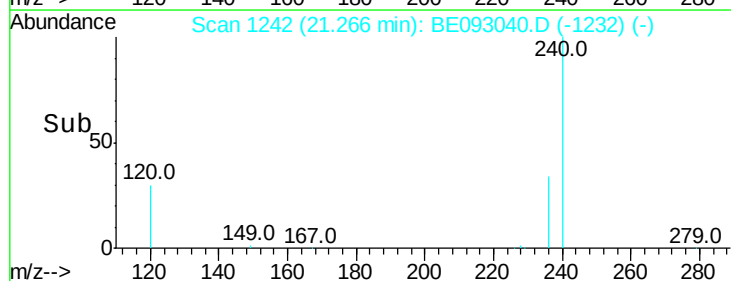
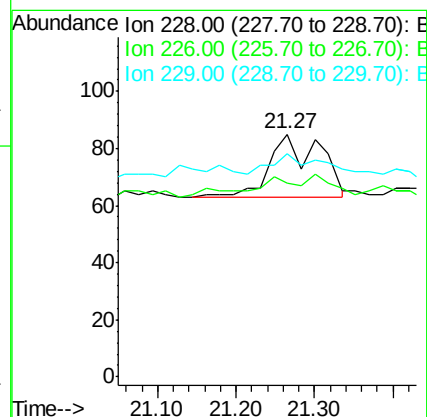
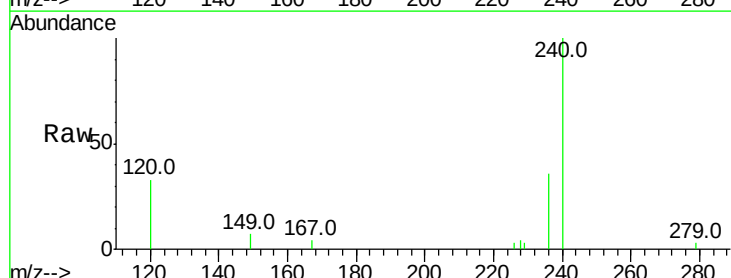
Tgt Ion:228 Resp: 98

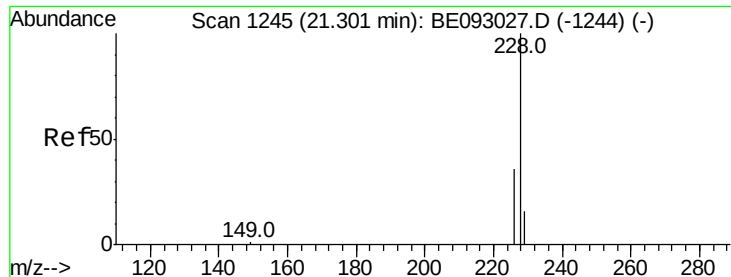
Ion Ratio Lower Upper

228 100

226 80.0 19.7 29.5#

229 91.8 19.2 28.8#





#31

Chrysene

Concen: 0.01 ng

RT: 21.27 min Scan# 1242

Delta R.T. -0.04 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampled :

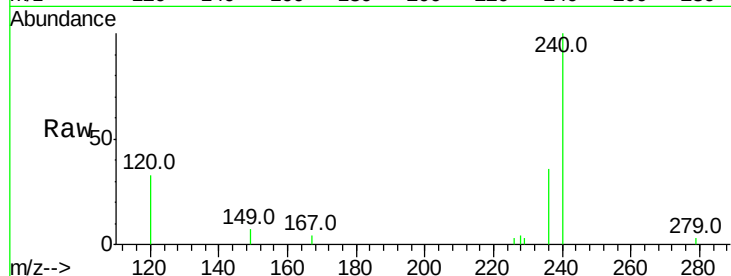
Tot Ion:228 Resp: 101

Ion Ratio Lower Upper

228 100

226 80.0 21.5 32.3#

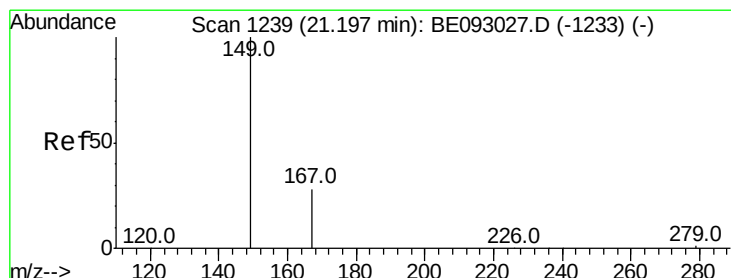
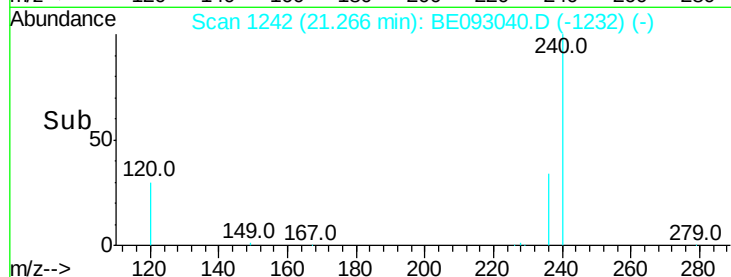
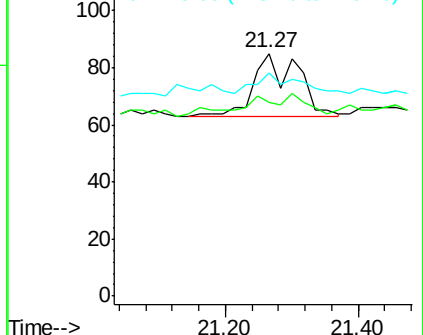
229 91.8 18.6 28.0#



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# 1238

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

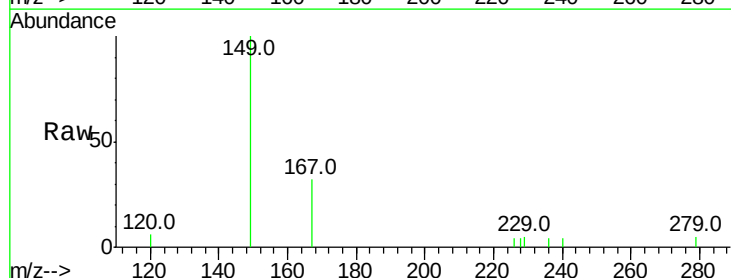
Tgt Ion:149 Resp: 1724

Ion Ratio Lower Upper

149 100

167 28.0 20.1 30.1

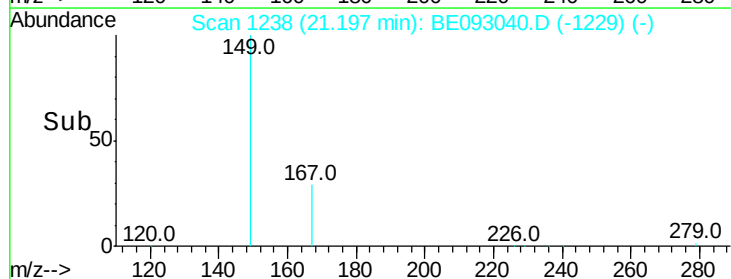
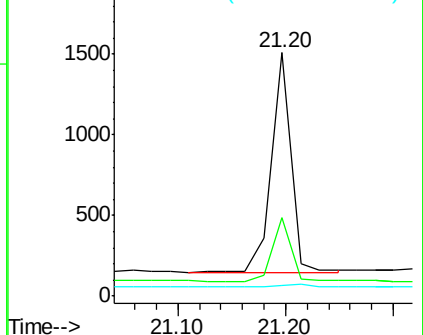
279 2.8 2.2 3.4

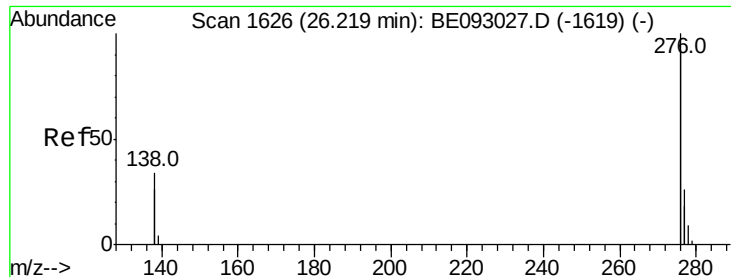


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.00 ng

RT: 26.22 min Scan# 1625

Delta R.T. 0.00 min

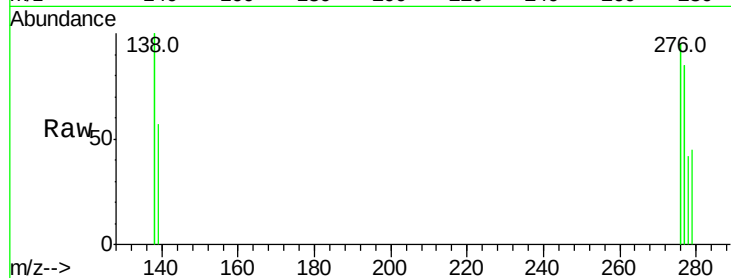
Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :



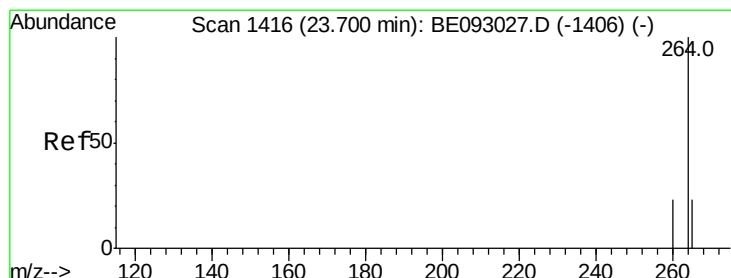
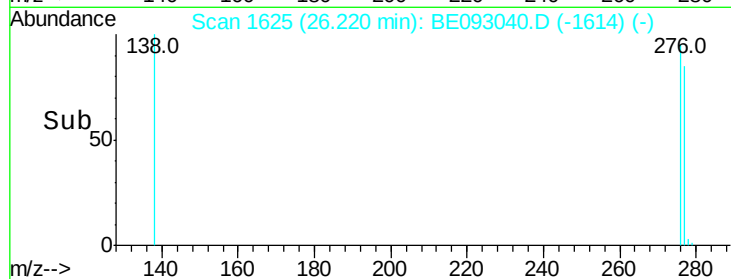
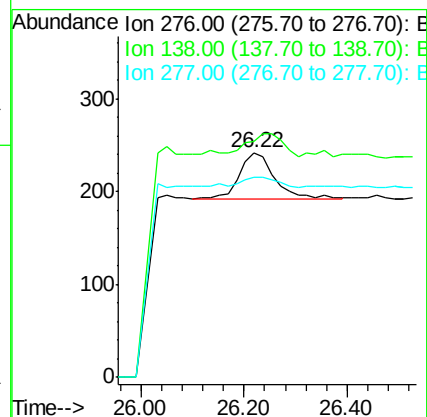
Tot Ion:276 Resp: 241

Ion Ratio Lower Upper

276 100

138 52.7 27.4 41.2#

277 25.3 20.1 30.1



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

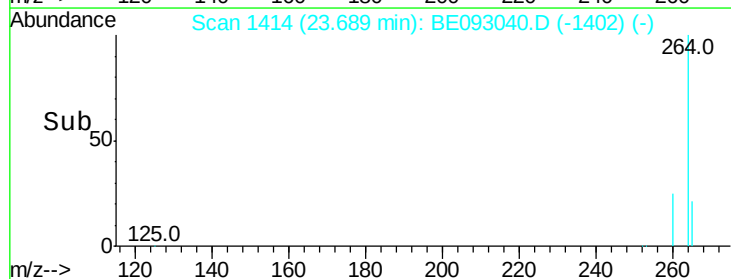
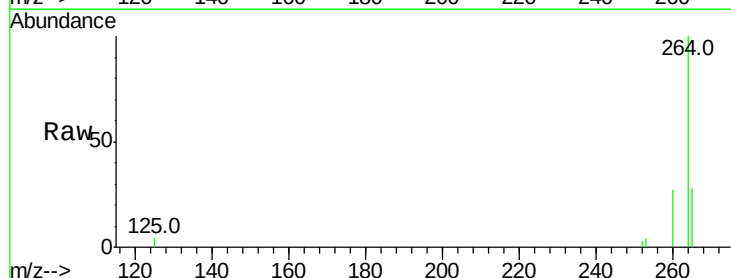
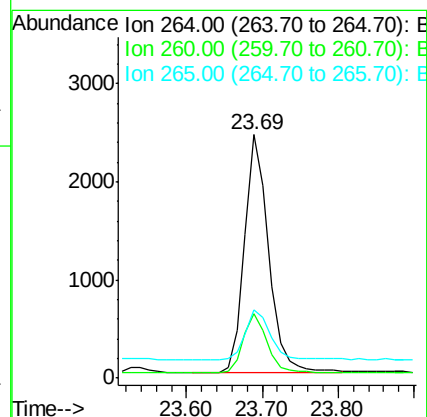
Tgt Ion:264 Resp: 5383

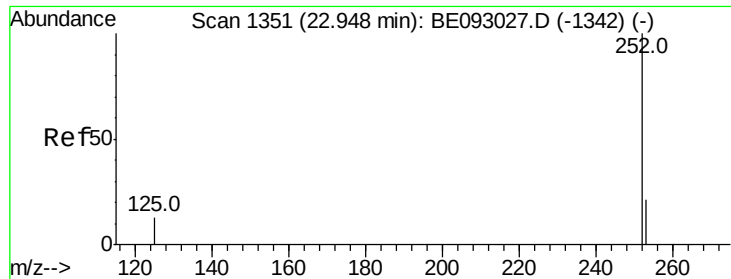
Ion Ratio Lower Upper

264 100

260 26.7 21.0 31.4

265 27.8 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 22.95 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

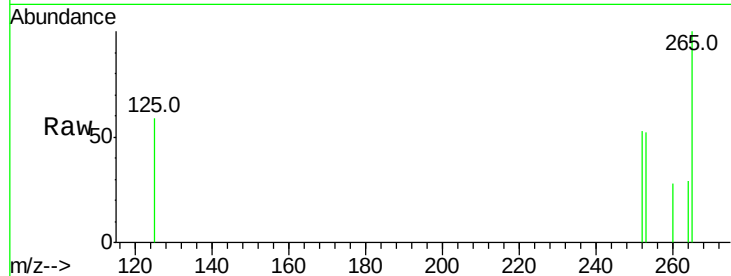
Tot Ion:252 Resp: 62

Ion Ratio Lower Upper

252 100

253 98.0 18.5 27.7#

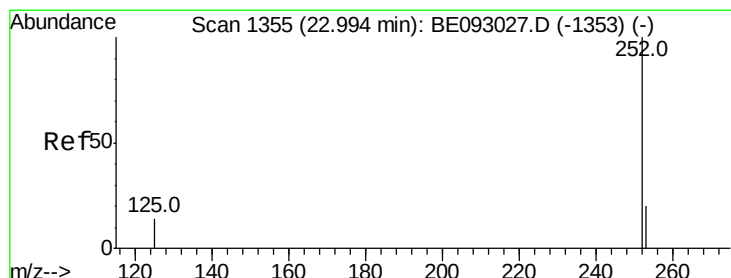
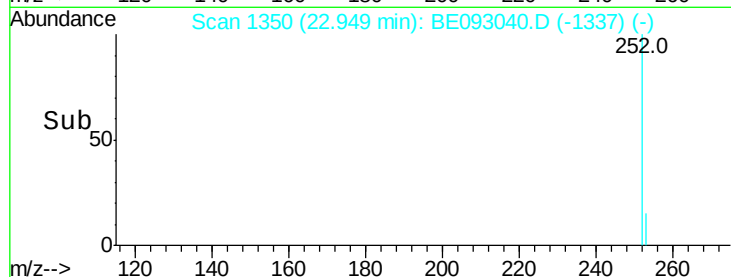
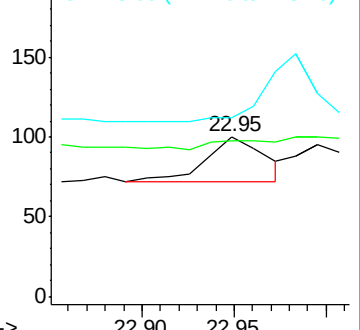
125 112.0 13.4 20.0#



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: 0.00 ng

RT: 22.95 min Scan# 1350

Delta R.T. -0.04 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

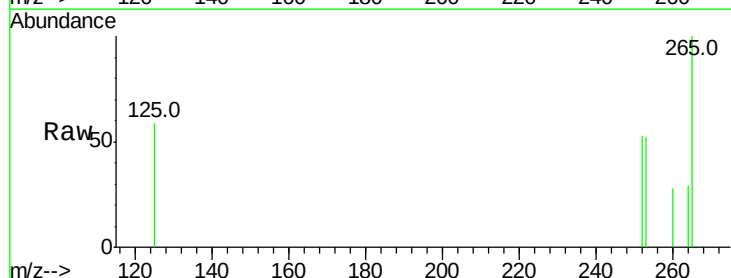
Tgt Ion:252 Resp: 62

Ion Ratio Lower Upper

252 100

253 98.0 20.3 30.5#

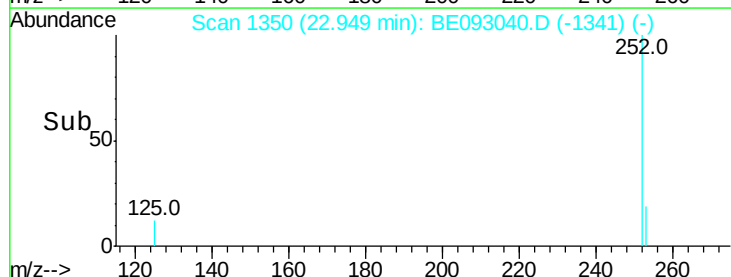
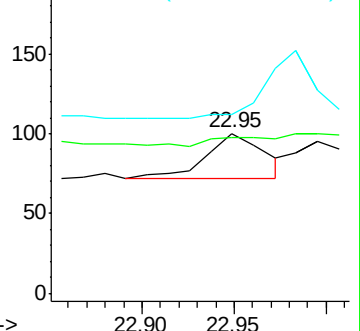
125 112.0 12.2 18.4#

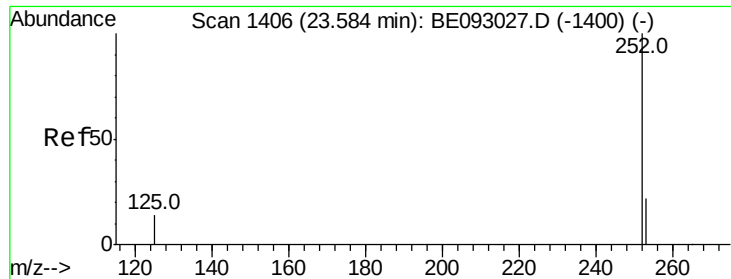


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.59 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

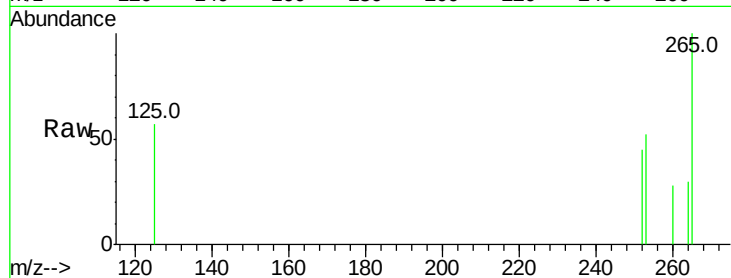
Tot Ion:252 Resp: 31

Ion Ratio Lower Upper

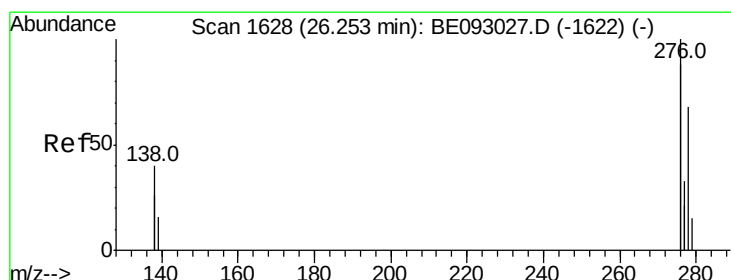
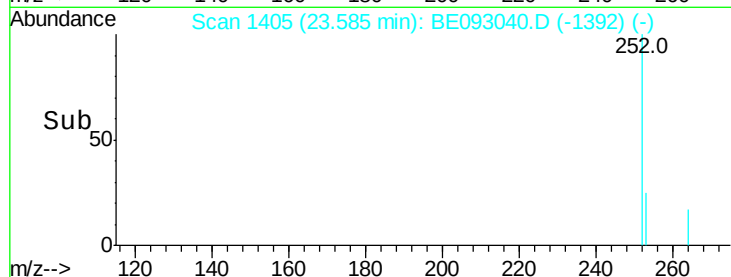
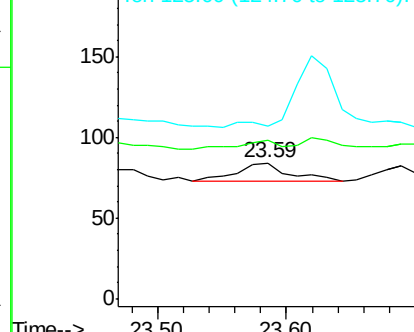
252 100

253 116.7 19.9 29.9#

125 127.4 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: 0.00 ng

RT: 26.25 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

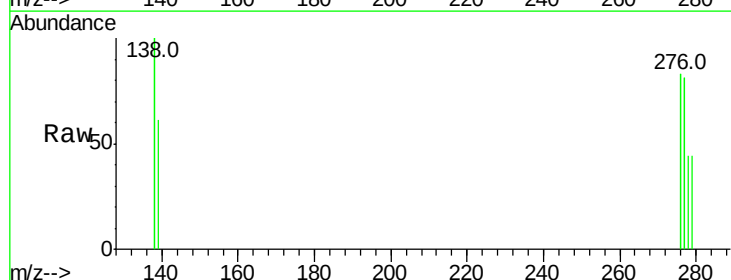
Tgt Ion:278 Resp: 35

Ion Ratio Lower Upper

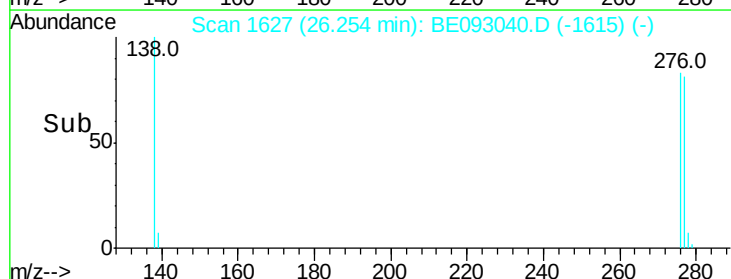
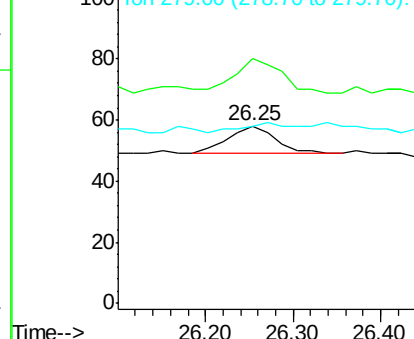
278 100

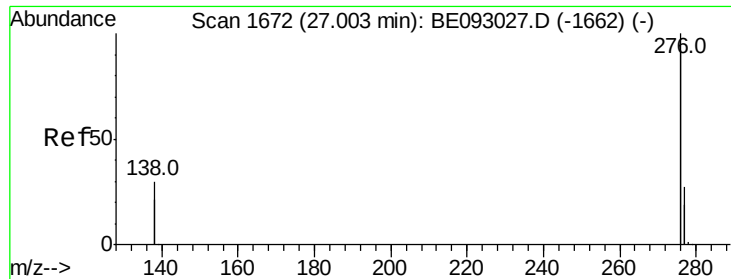
139 137.9 21.4 32.0#

279 100.0 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: 0.00 ng

RT: 26.99 min Scan# 1670

Delta R.T. -0.02 min

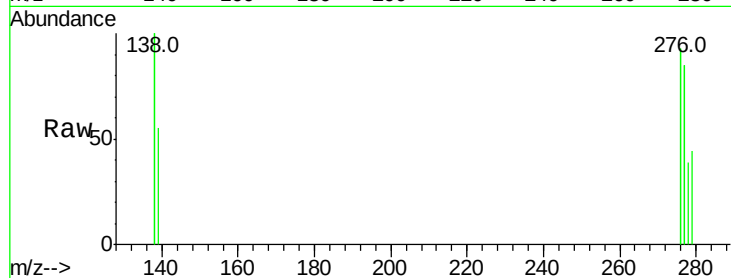
Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :



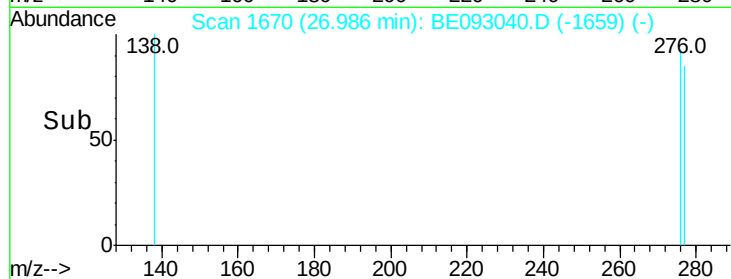
Tot Ion:276 Resp: 177

Ion Ratio Lower Upper

276 100

277 92.2 21.2 31.8#

138 107.8 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

300

26.99

200

100

0

Time--> 26.80 27.00