

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093025.D
 Acq On : 15 May 2017 9:09
 Operator : SJ/MA
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 15 11:49:11 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 11:48:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	728	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3104	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1490	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3304	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4272	0.40	ng	0.00
34) Perylene-d12	23.70	264	3649	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	243	0.12	ng	0.00
5) Phenol-d6	6.92	99	318	0.13	ng	0.00
8) Nitrobenzene-d5	8.88	82	276	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	452	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	36	0.09	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	616	0.10	ng	0.00
25) Fluoranthene-d10	19.14	212	1016	0.12	ng	0.00
29) Terphenyl-d14	19.74	244	782	0.10	ng	0.00

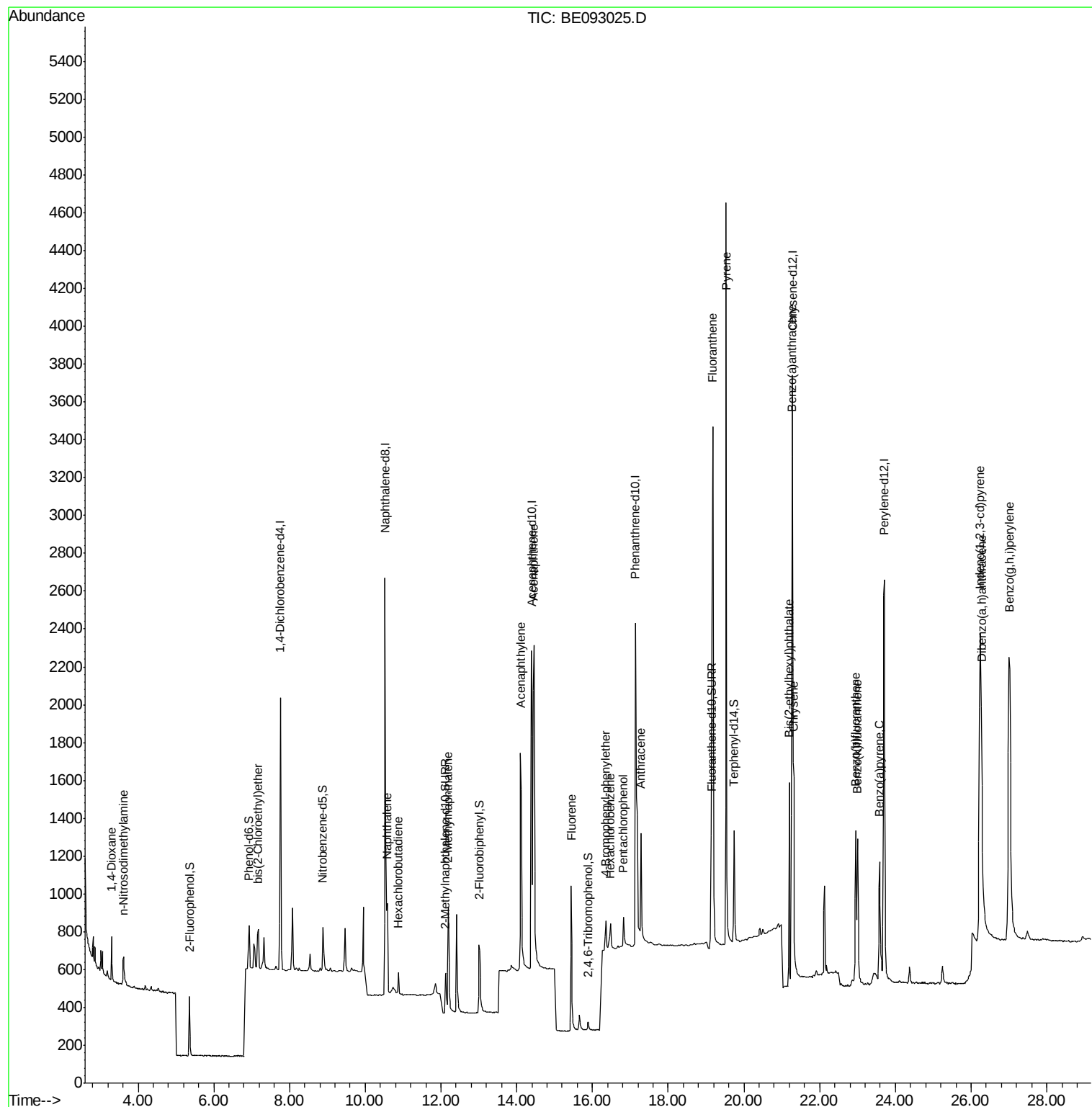
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	187	0.13	ng	87
3) n-Nitrosodimethylamine	3.61	42	130	0.10	ng	# 89
6) bis(2-Chloroethyl)ether	7.18	93	252	0.10	ng	# 98
9) Naphthalene	10.58	128	880	0.11	ng	# 82
10) Hexachlorobutadiene	10.87	225	112	0.10	ng	95
12) 2-Methylnaphthalene	12.19	142	511	0.11	ng	# 95
16) Acenaphthylene	14.10	152	2443	0.10	ng	98
17) Acenaphthene	14.46	154	450	0.10	ng	98
18) Fluorene	15.44	166	572	0.10	ng	97
20) 4-Bromophenyl-phenylether	16.36	248	713	0.67	ng	# 85
21) Hexachlorobenzene	16.47	284	185	0.12	ng	# 100
22) Pentachlorophenol	16.82	266	190	0.48	ng	91
24) Anthracene	17.28	178	820	0.12	ng	97
26) Fluoranthene	19.18	202	4693	0.11	ng	# 99
28) Pyrene	19.53	202	5256	0.10	ng	# 97
30) Benzo(a)anthracene	21.27	228	1190	0.11	ng	# 91
31) Chrysene	21.32	228	1334	0.10	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.20	149	1050	0.23	ng	# 90
33) Indeno(1,2,3-cd)pyrene	26.24	276	4568	0.11	ng	99
35) Benzo(b)fluoranthene	22.95	252	1174	0.10	ng	# 81
36) Benzo(k)fluoranthene	23.00	252	1196	0.10	ng	# 80
37) Benzo(a)pyrene	23.59	252	1102	0.11	ng	# 78
38) Dibenzo(a,h)anthracene	26.27	278	919	0.10	ng	# 66
39) Benzo(g,h,i)perylene	27.00	276	4288	0.10	ng	# 79

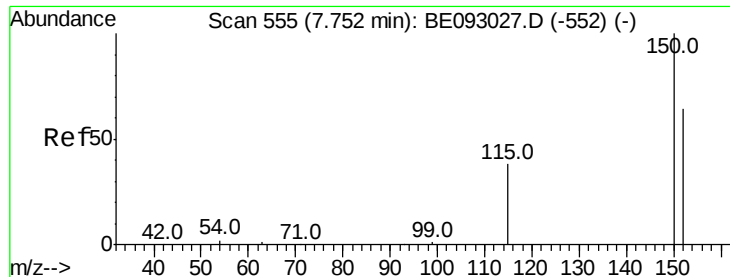
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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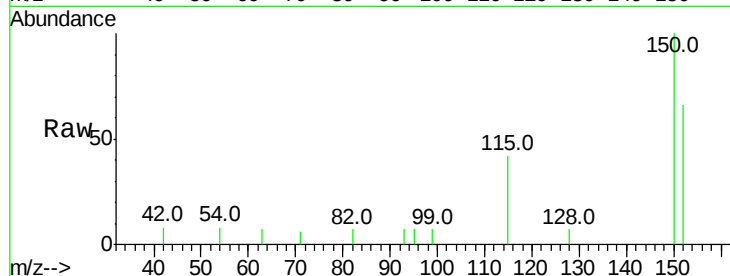


#1

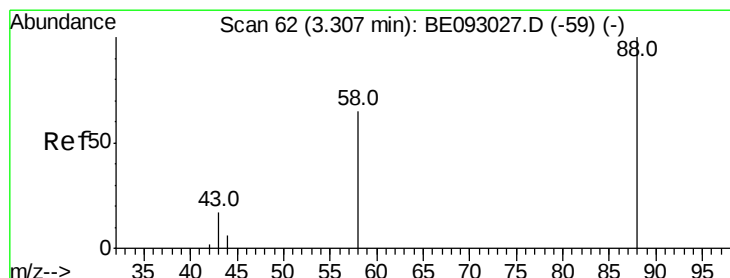
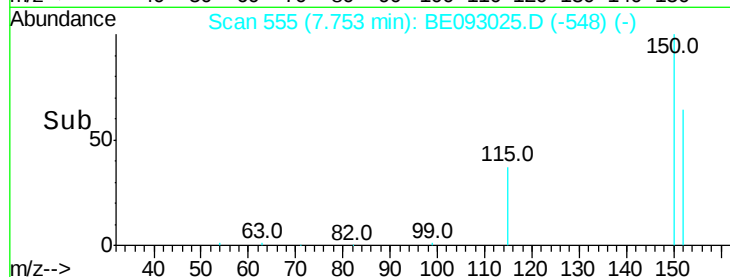
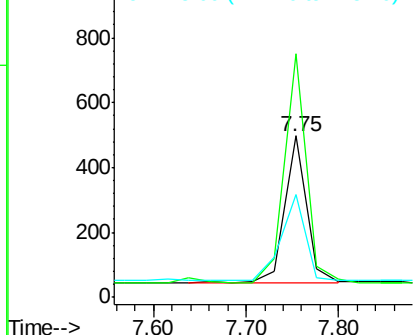
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 728
Ion Ratio Lower Upper
152 100
150 151.1 125.1 187.7
115 64.0 55.7 83.5



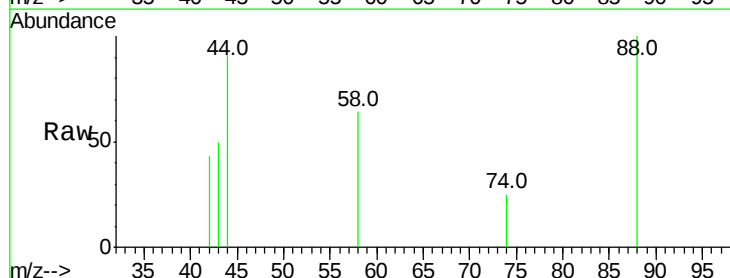
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



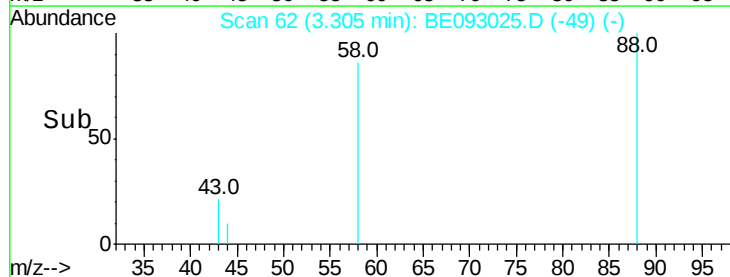
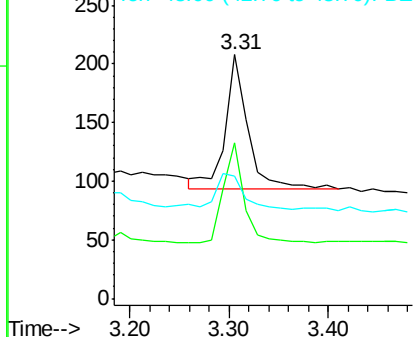
#2

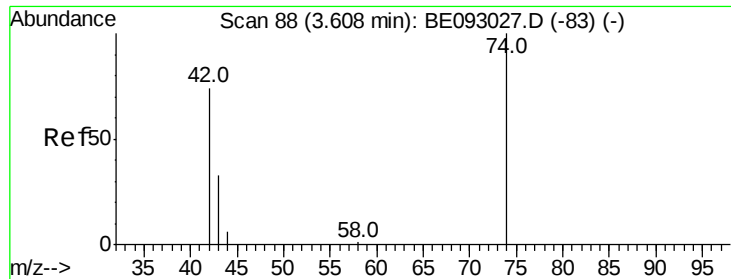
1,4-Dioxane
Concen: 0.13 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
58 63.6 62.2 93.4
43 32.1 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: 0.10 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampled :

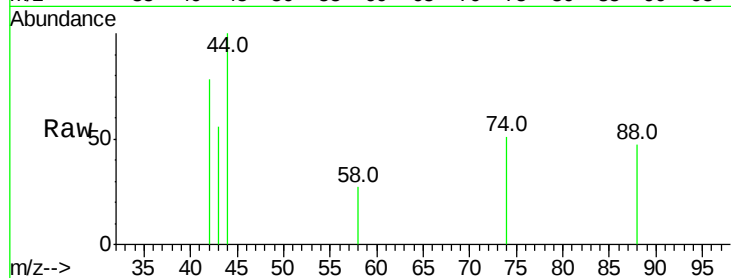
Tot Ion: 42 Resp: 130

Ion Ratio Lower Upper

42 100

74 136.2 99.1 148.7

44 13.1 7.4 11.2#

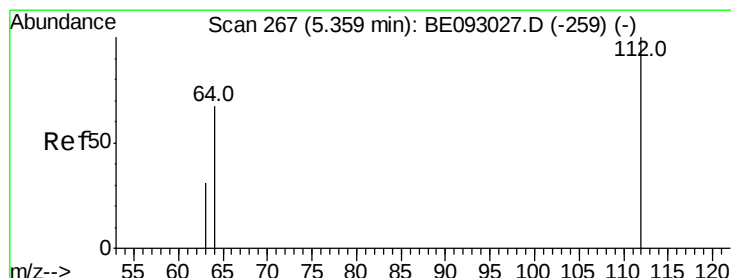
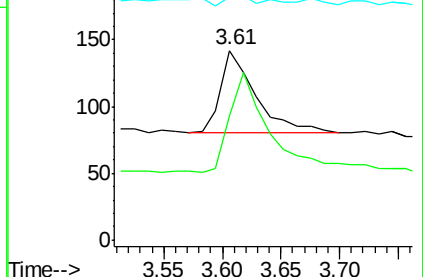
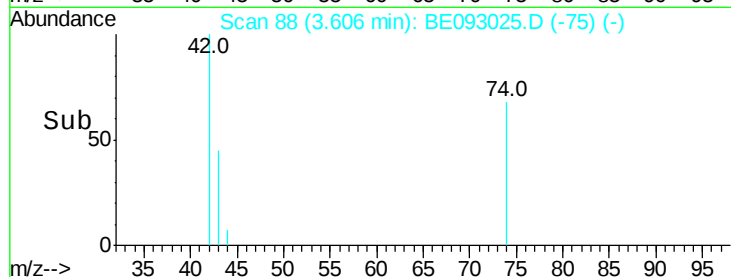


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.12 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

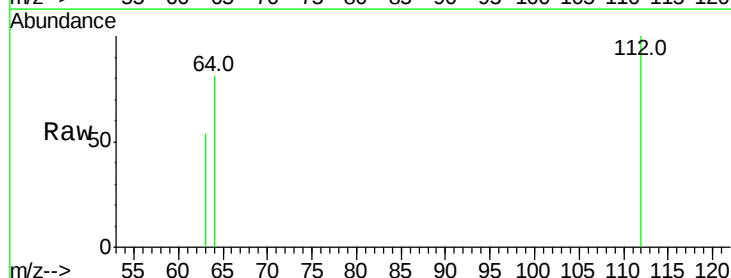
Tgt Ion: 112 Resp: 243

Ion Ratio Lower Upper

112 100

64 72.8 56.4 84.6

63 37.9 29.3 43.9

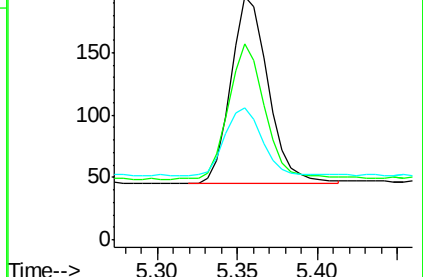
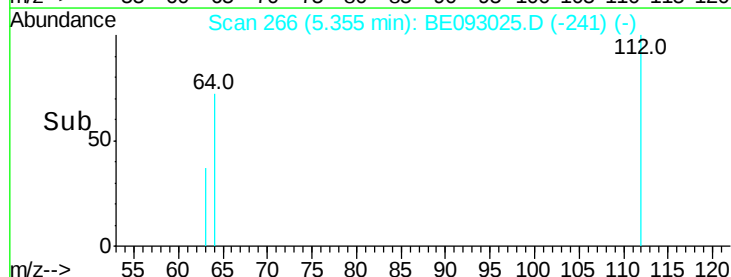


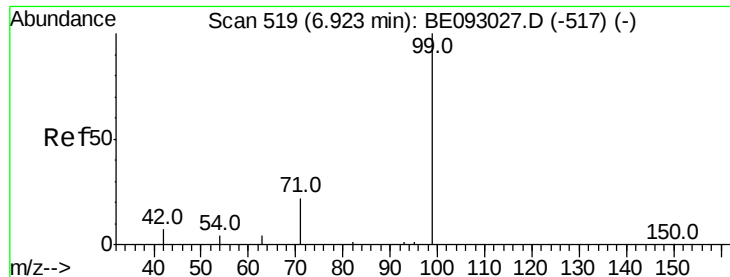
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.13 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampleId :

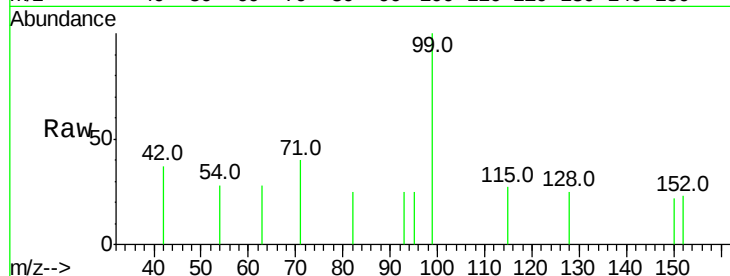
Tot Ion: 99 Resp: 318

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

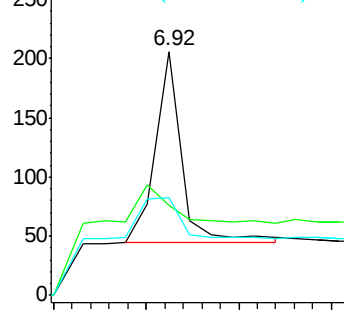
71 32.7 0.0 0.0#



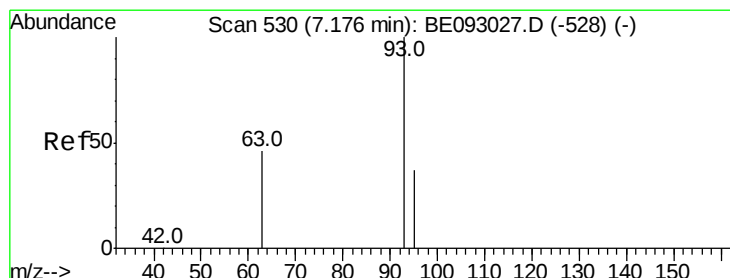
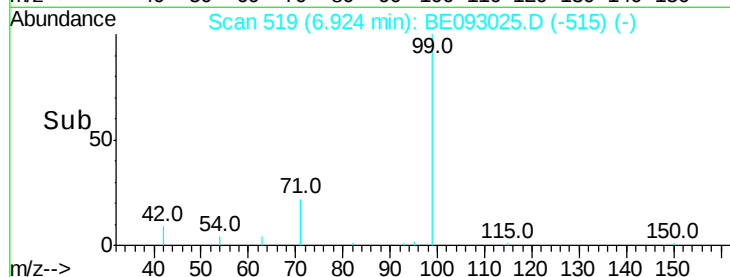
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.18 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

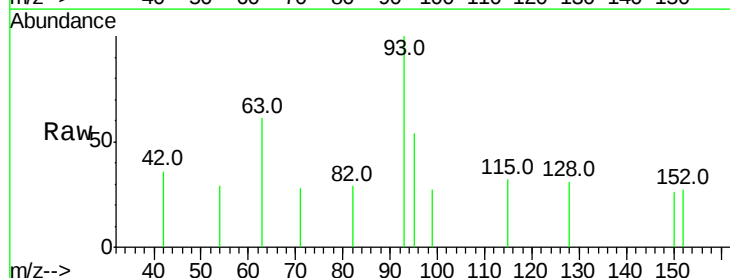
Tgt Ion: 93 Resp: 252

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

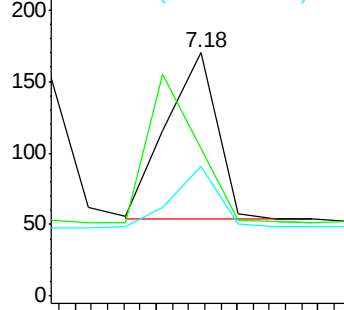
95 30.6 25.4 38.0



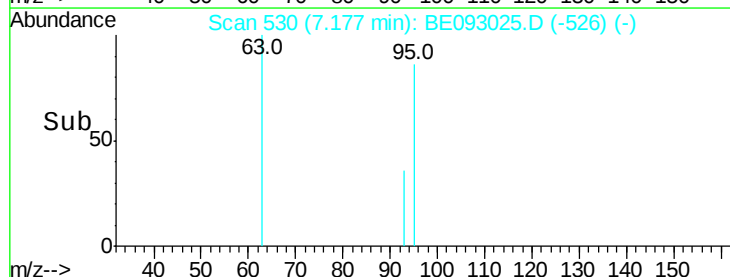
Abundance Ion 93.00 (92.70 to 93.70): BE0

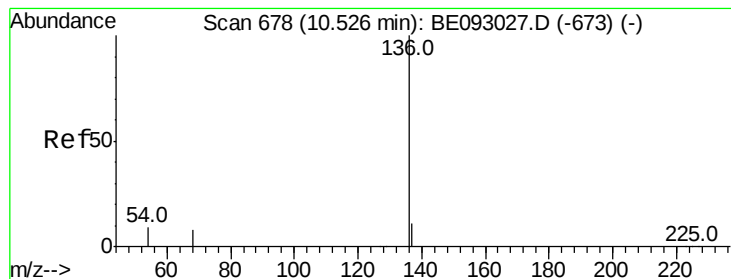
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.10 7.15 7.20 7.25





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3104

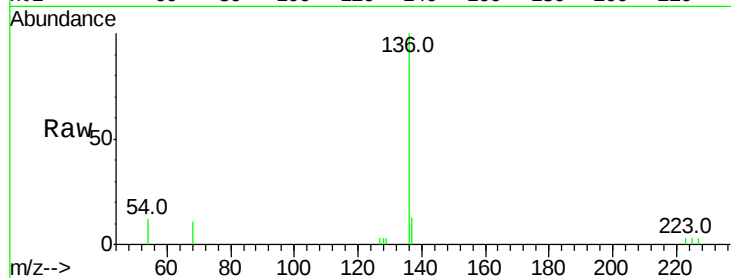
Ion Ratio Lower Upper

136 100

137 12.6 9.8 14.8

54 12.1 10.3 15.5

68 10.7 9.0 13.4

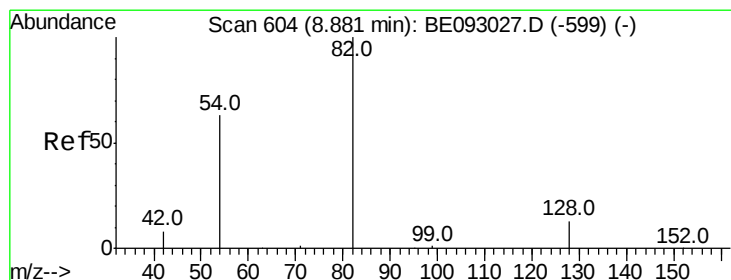
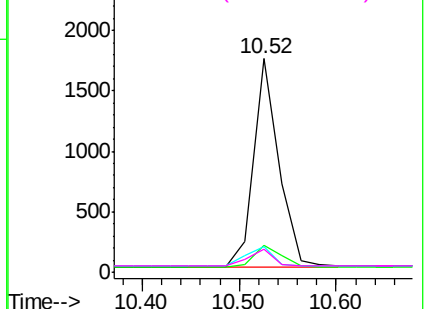
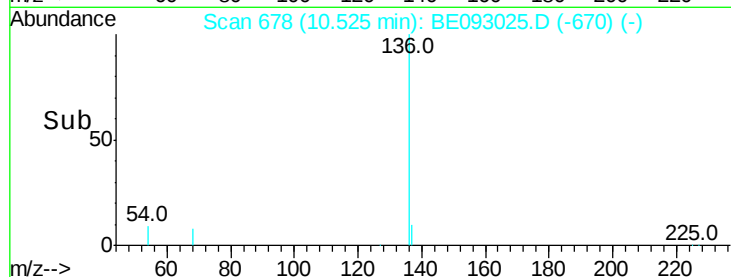


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.11 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

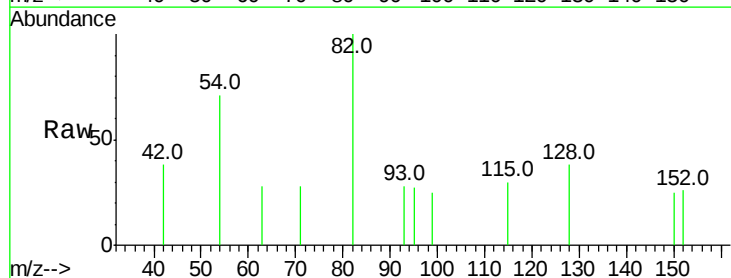
Tgt Ion: 82 Resp: 276

Ion Ratio Lower Upper

82 100

128 37.6 17.0 25.4#

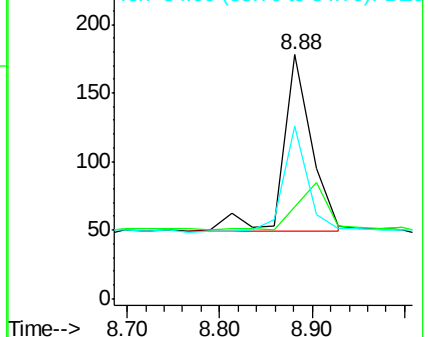
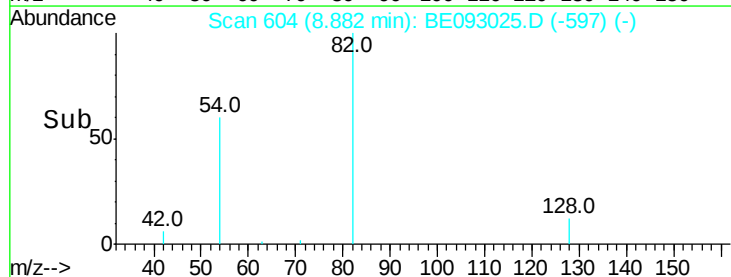
54 70.8 53.8 80.6

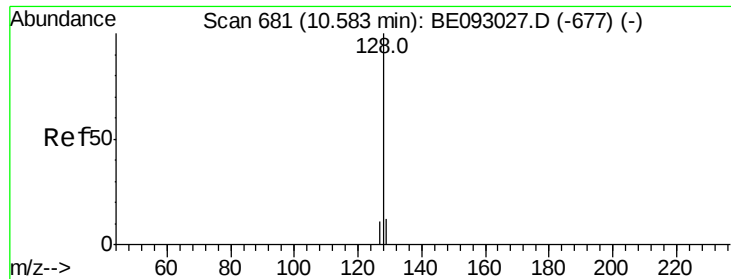


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.11 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampled :

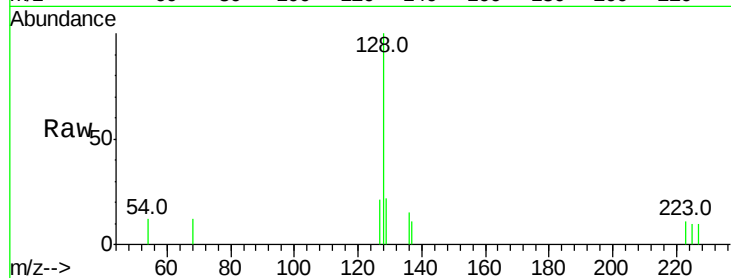
Tot Ion:128 Resp: 880

Ion Ratio Lower Upper

128 100

129 21.8 11.4 17.0#

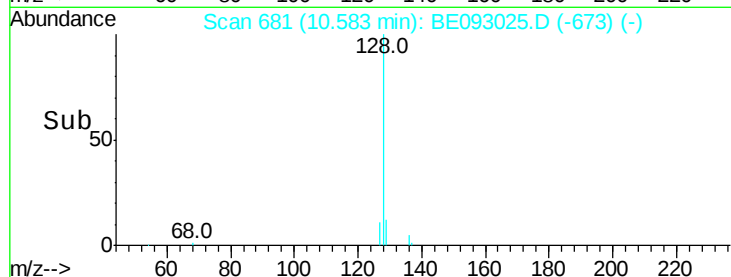
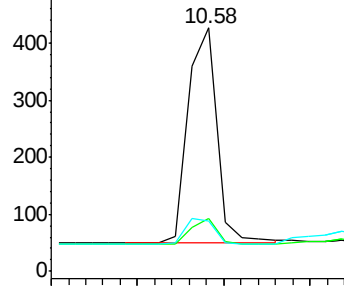
127 20.8 11.2 16.8#



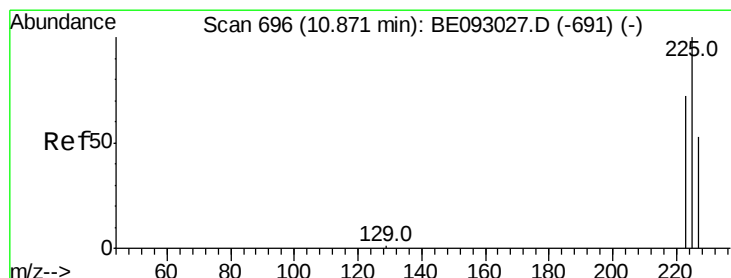
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.10 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

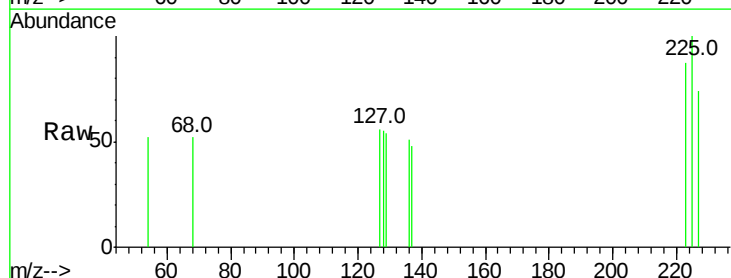
Tgt Ion:225 Resp: 112

Ion Ratio Lower Upper

225 100

223 67.0 49.7 74.5

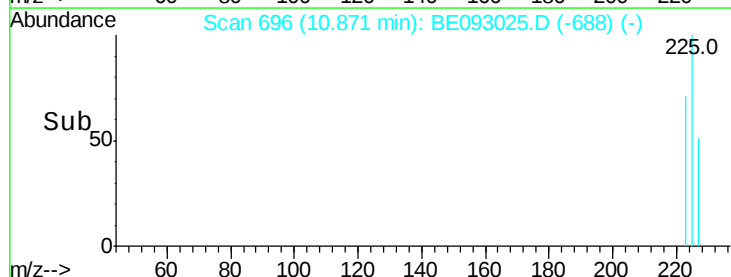
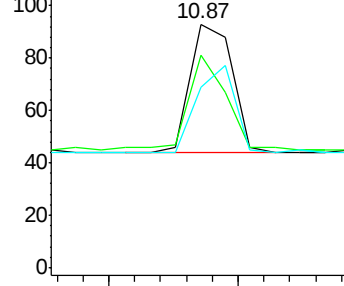
227 60.7 50.3 75.5



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



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.10 ng

RT: 12.12 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

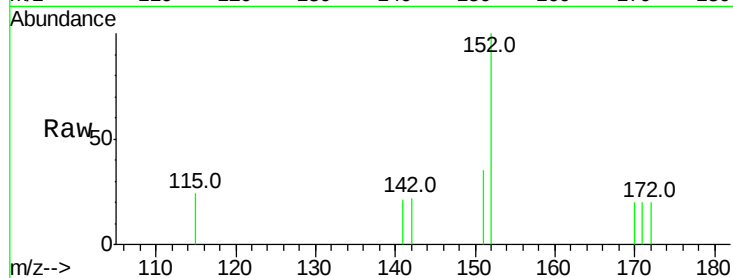
ClientSampleId :

Tot Ion:152 Resp: 452

Ion Ratio Lower Upper

152 100

151 20.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

250

200

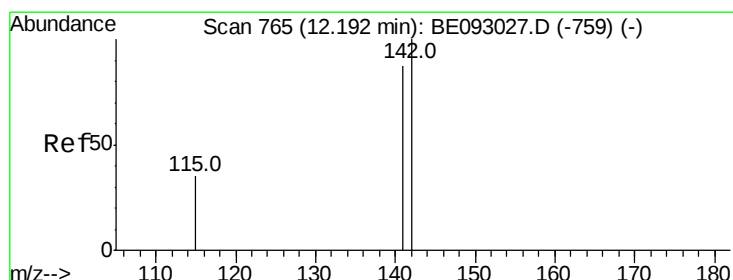
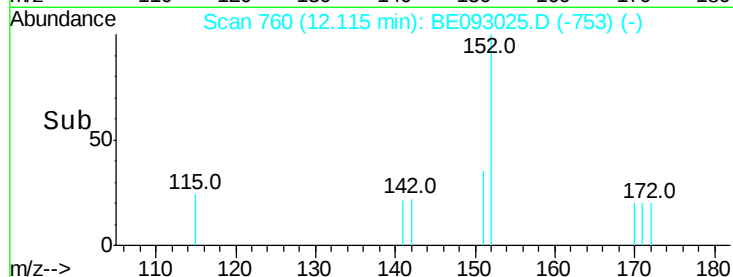
150

100

50

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.11 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

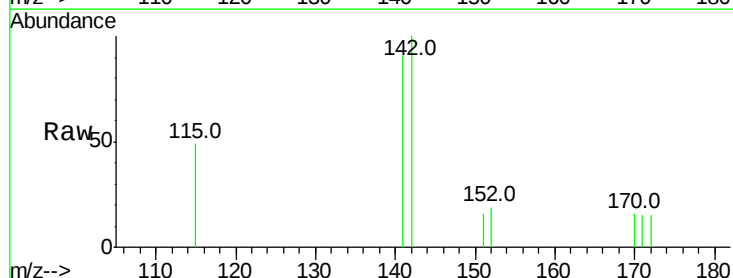
Tgt Ion:142 Resp: 511

Ion Ratio Lower Upper

142 100

141 91.4 72.6 108.8

115 49.0 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

12.19

400

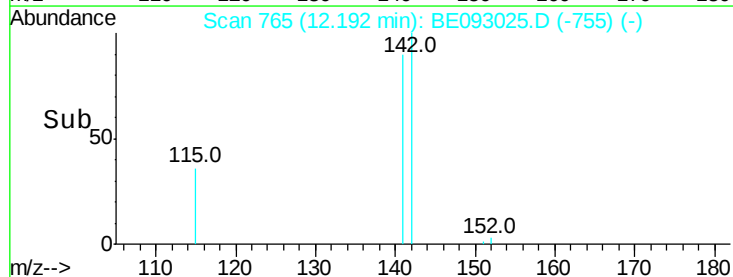
300

200

100

0

Time-->

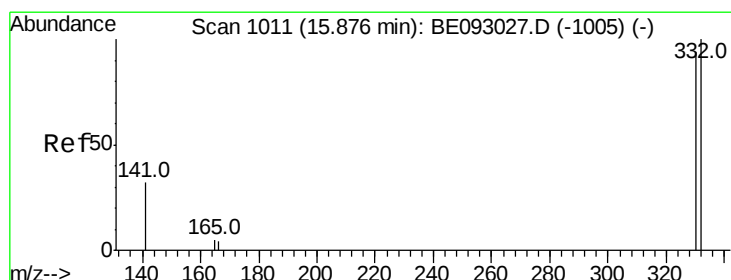
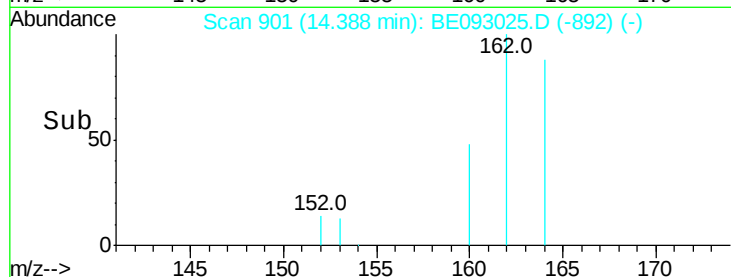
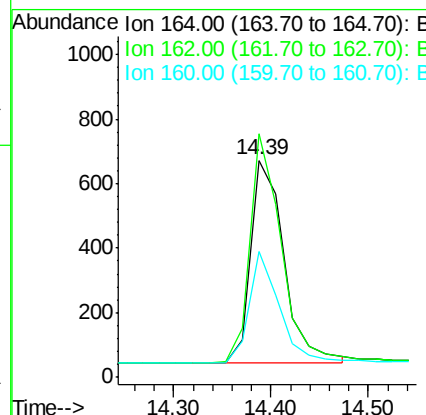
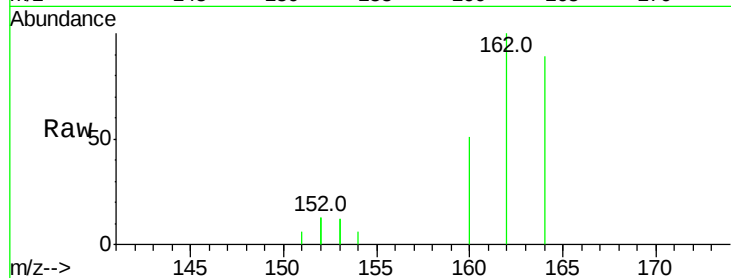




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

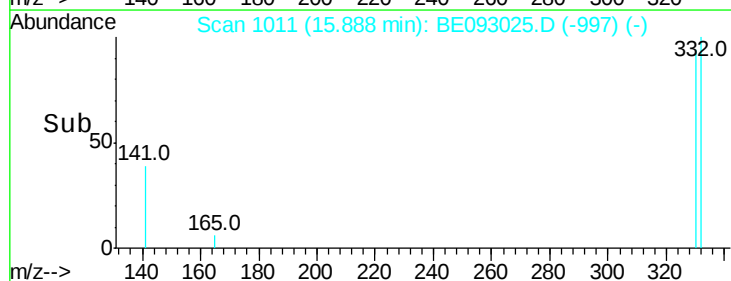
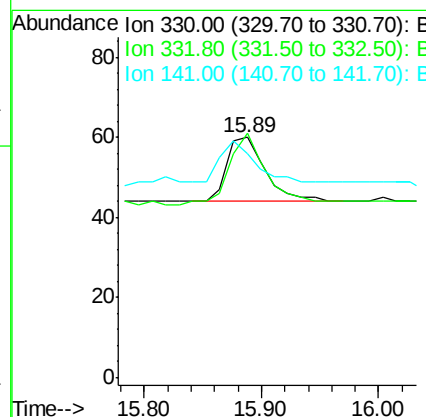
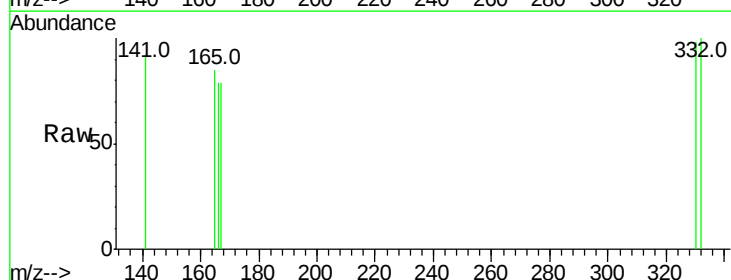
Instrument :
BNA_E
ClientSampleId :

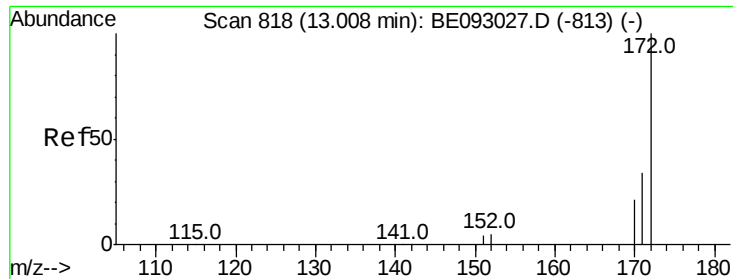
Tot Ion:164 Resp: 1490
Ion Ratio Lower Upper
164 100
162 112.2 84.6 127.0
160 57.7 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.89 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Tgt Ion:330 Resp: 36
Ion Ratio Lower Upper
330 100
332 113.9 77.7 116.5
141 66.7 56.2 84.4

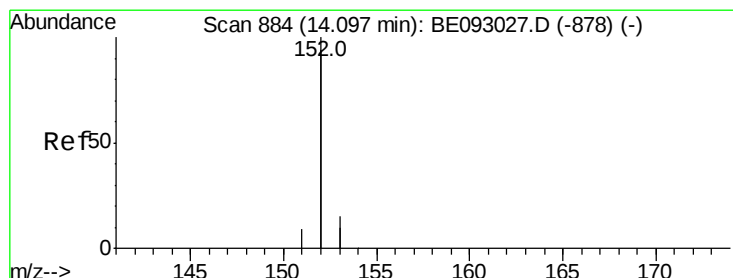
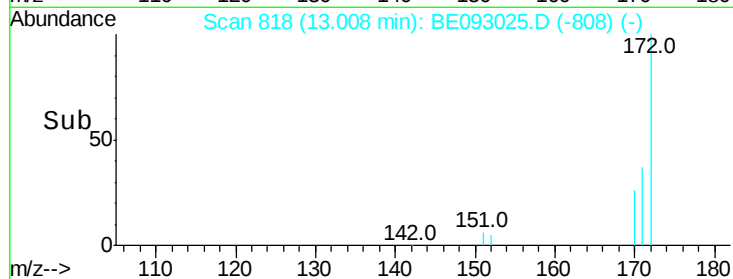
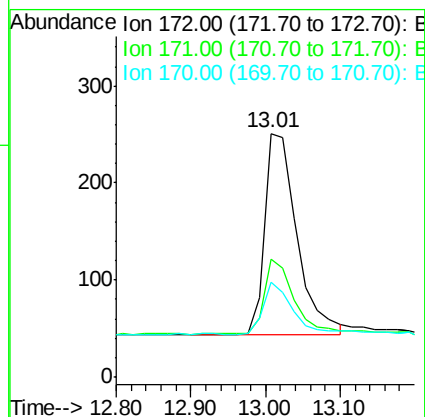
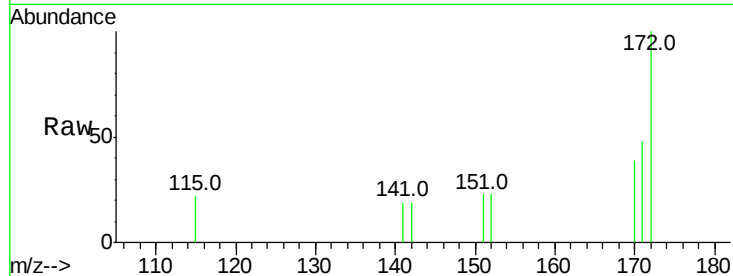




#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

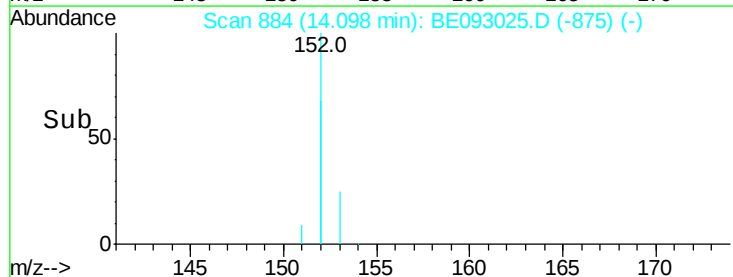
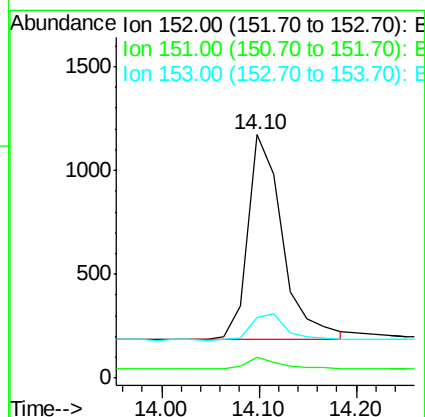
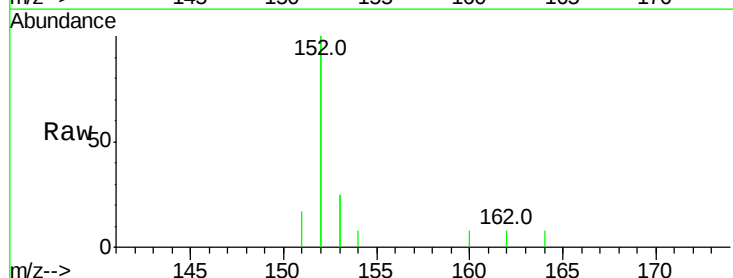
Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 616
Ion Ratio Lower Upper
172 100
171 48.2 29.8 44.6#
170 39.0 20.7 31.1#



#16
Acenaphthylene
Concen: 0.10 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Tgt Ion:152 Resp: 2443
Ion Ratio Lower Upper
152 100
151 4.8 4.0 6.0
153 13.9 10.3 15.5

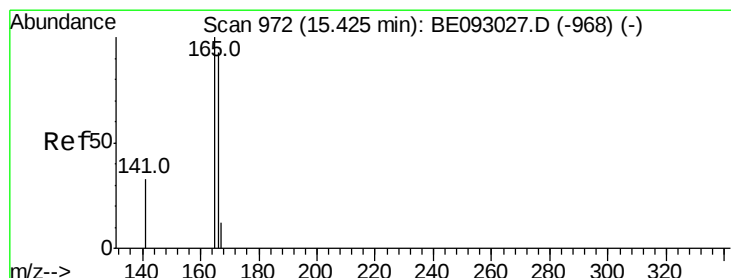
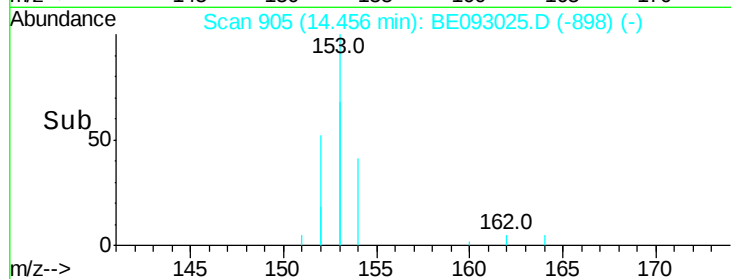
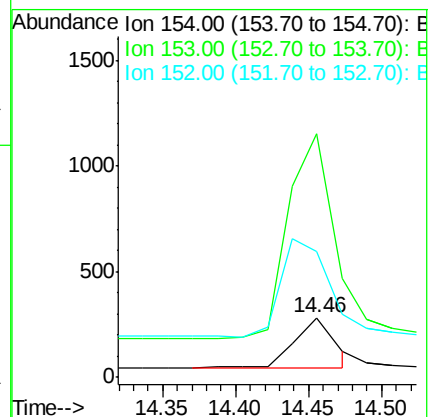
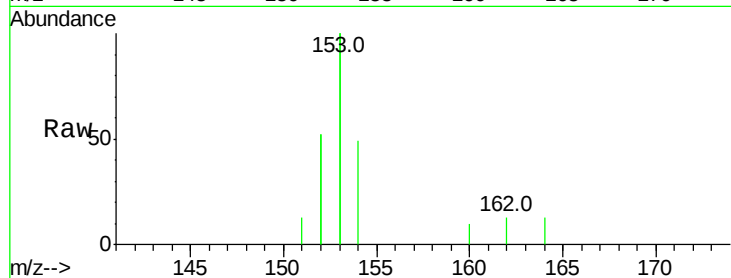




#17
Acenaphthene
Concen: 0.10 ng
RT: 14.46 min Scan# 905
Delta R.T. 0.02 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

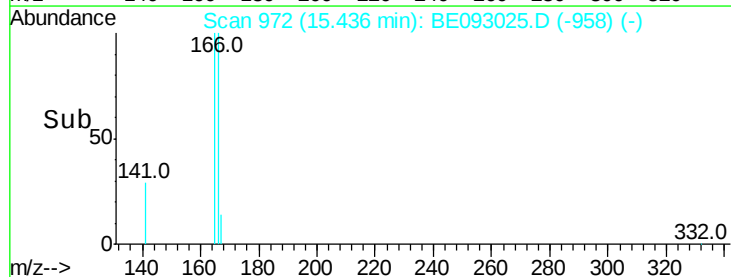
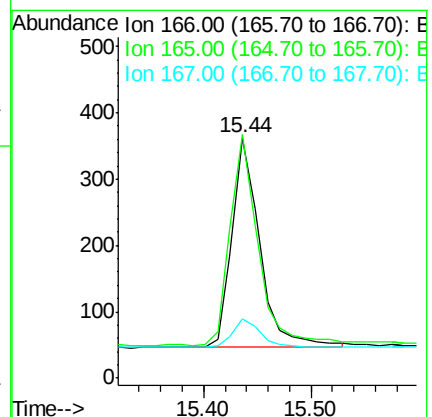
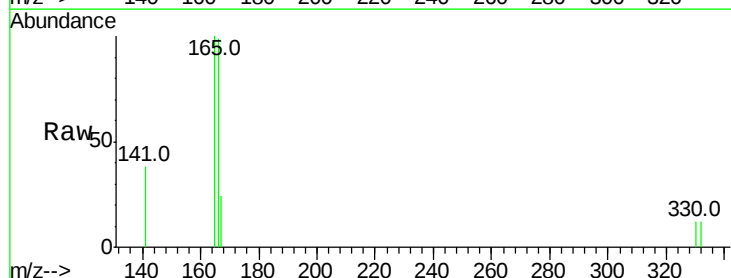
Instrument :
BNA_E
ClientSampleId :

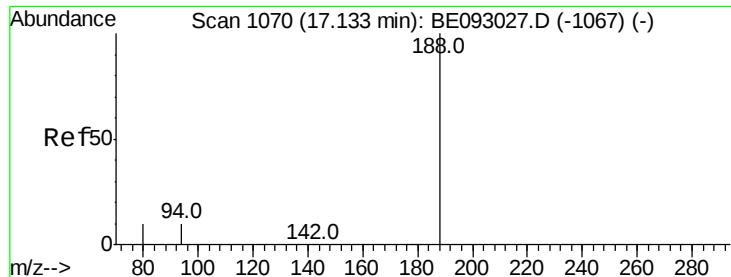
Tot Ion:154 Resp: 450
Ion Ratio Lower Upper
154 100
153 458.2 367.8 551.6
152 228.9 188.2 282.2



#18
Fluorene
Concen: 0.10 ng
RT: 15.44 min Scan# 972
Delta R.T. 0.01 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Tgt Ion:166 Resp: 572
Ion Ratio Lower Upper
166 100
165 101.4 78.6 117.8
167 14.0 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampleId :

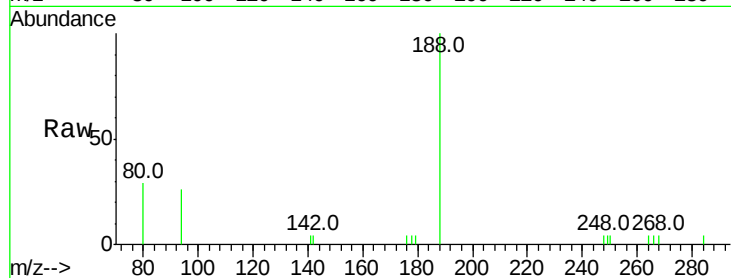
Tot Ion:188 Resp: 3304

Ion Ratio Lower Upper

188 100

94 25.8 11.3 16.9#

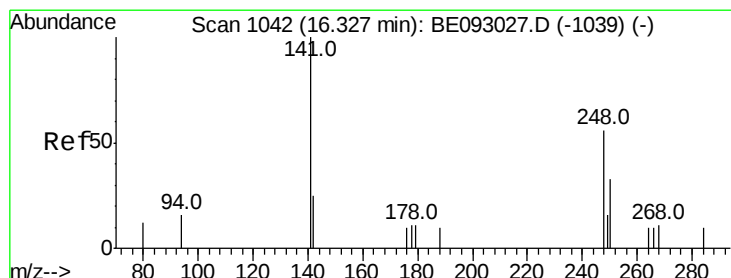
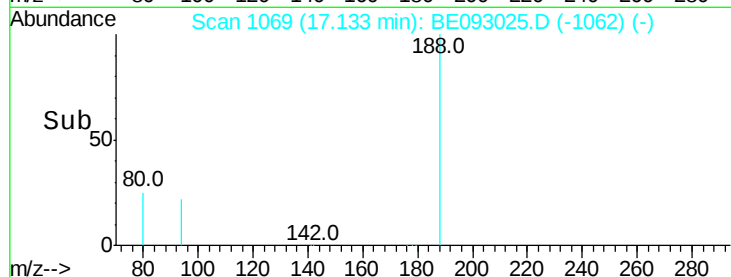
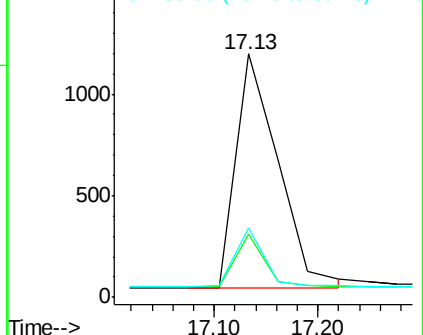
80 28.7 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.67 ng

RT: 16.36 min Scan# 1042

Delta R.T. 0.03 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

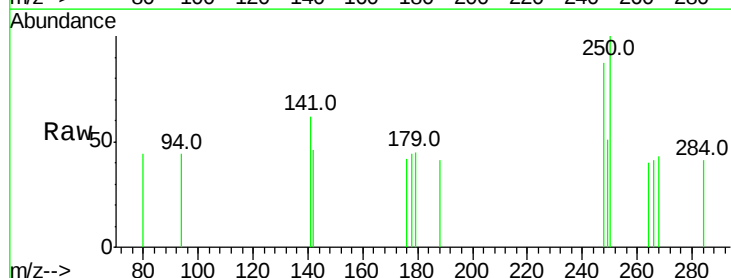
Tgt Ion:248 Resp: 713

Ion Ratio Lower Upper

248 100

250 114.4 100.0 150.0

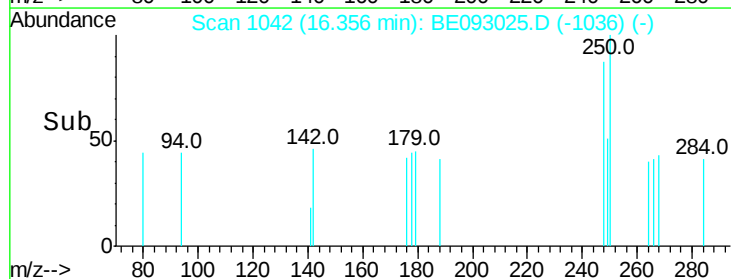
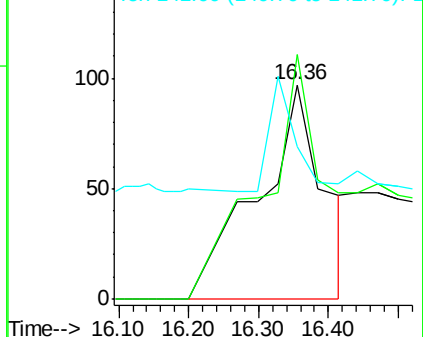
141 71.1 40.0 60.0#



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

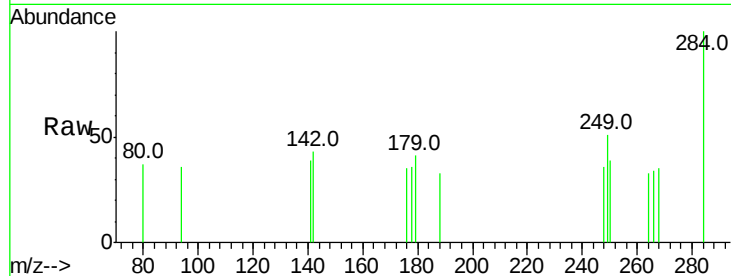




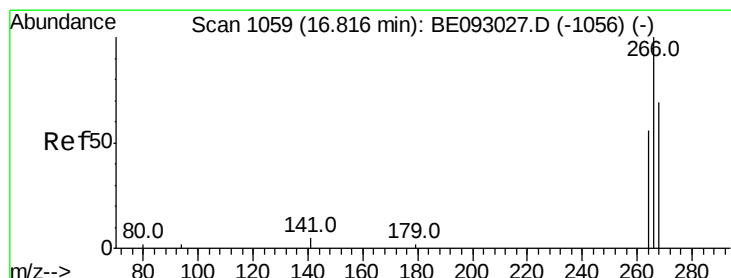
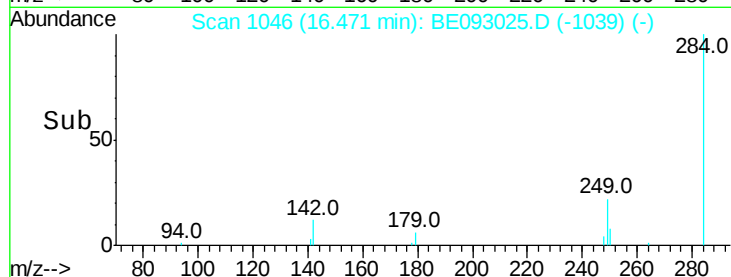
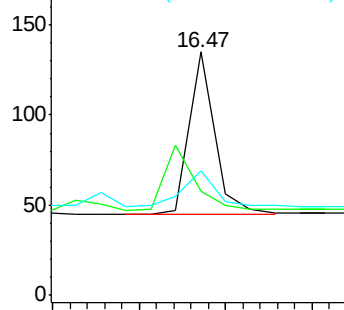
#21
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.47 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 185
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 29.2 0.0 0.0#

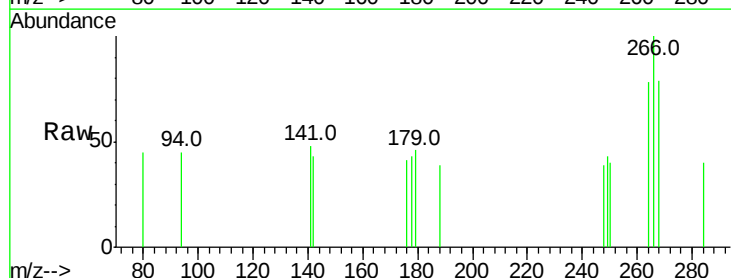


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

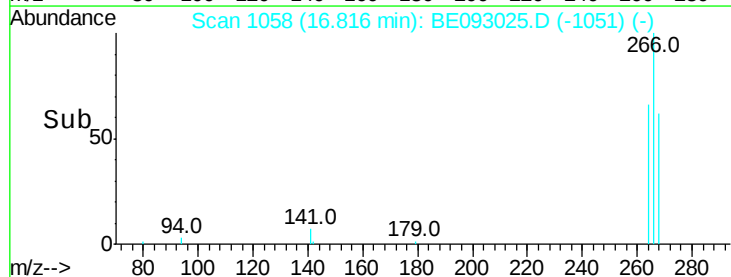
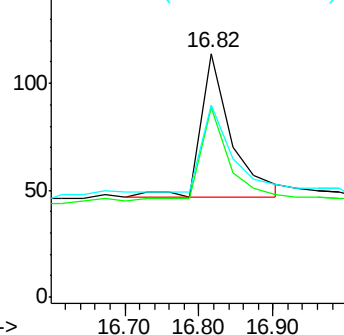


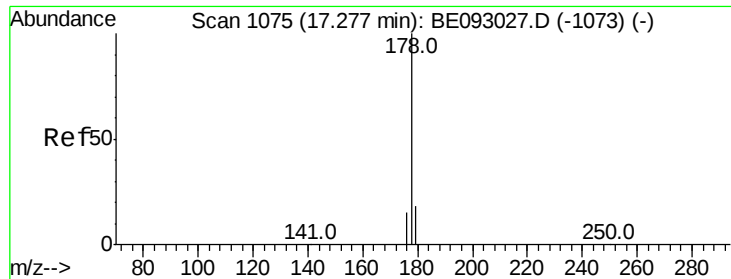
#22
Pentachlorophenol
Concen: 0.48 ng
RT: 16.82 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Tgt Ion:266 Resp: 190
Ion Ratio Lower Upper
266 100
264 78.1 58.2 87.2
268 78.9 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





#24

Anthracene

Concen: 0.12 ng

RT: 17.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampleId :

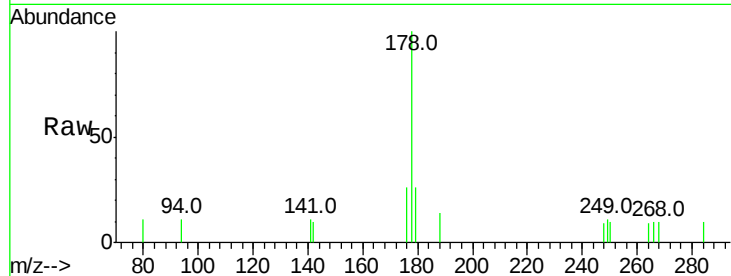
Tot Ion:178 Resp: 820

Ion Ratio Lower Upper

178 100

176 17.4 14.6 22.0

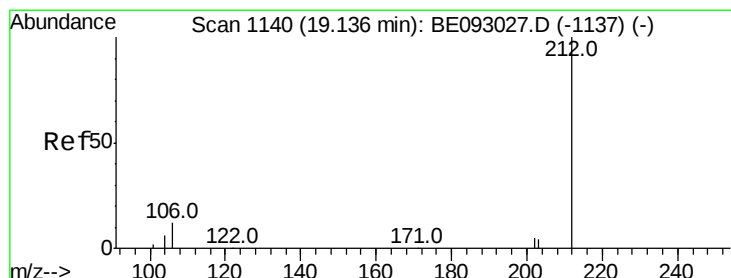
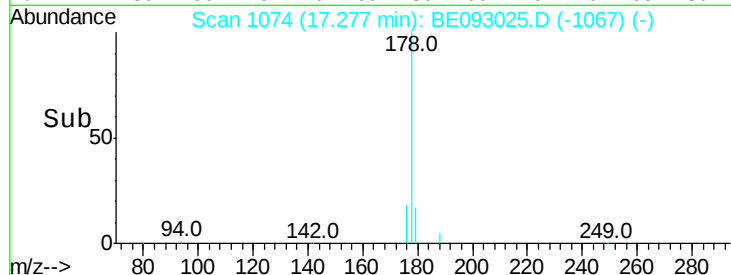
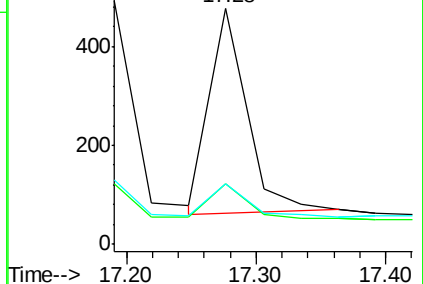
179 17.1 12.0 18.0



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: 0.12 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

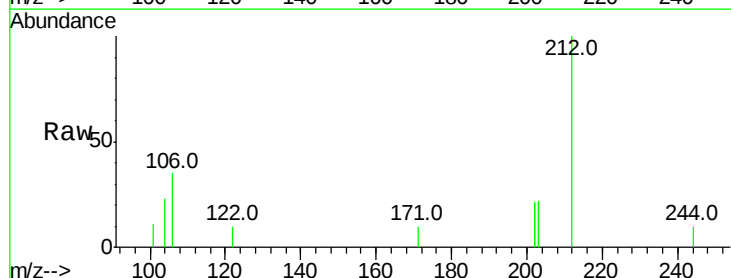
Tgt Ion:212 Resp: 1016

Ion Ratio Lower Upper

212 100

106 17.3 0.0 0.0#

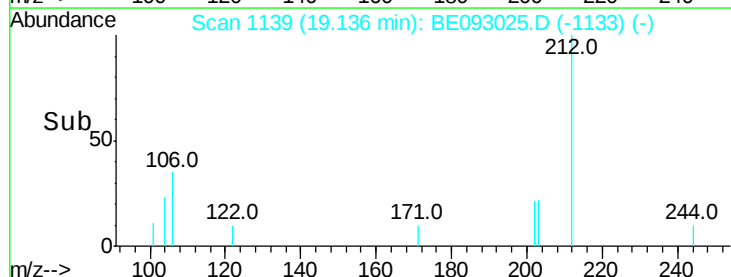
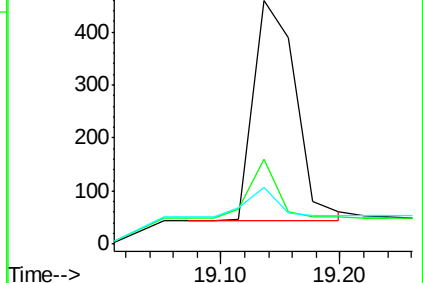
104 9.7 0.0 0.0#

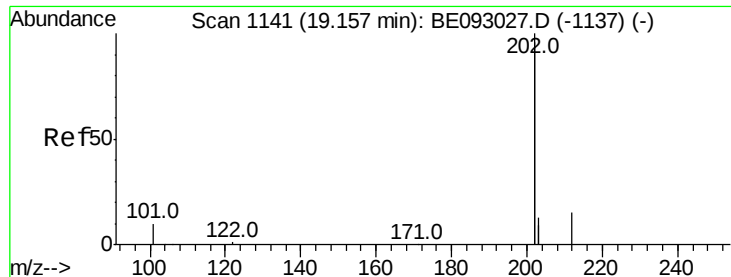


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

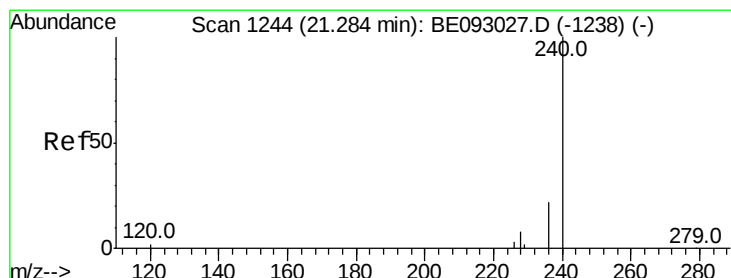
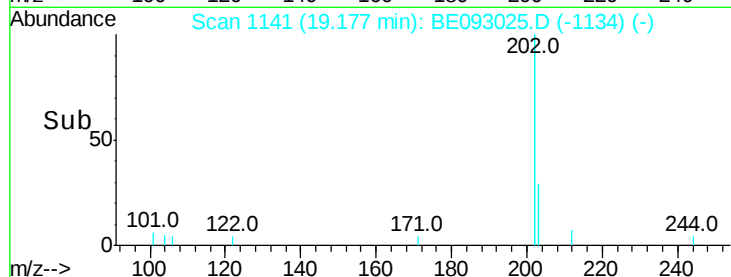
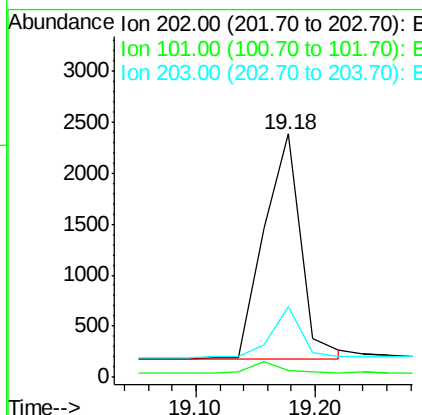
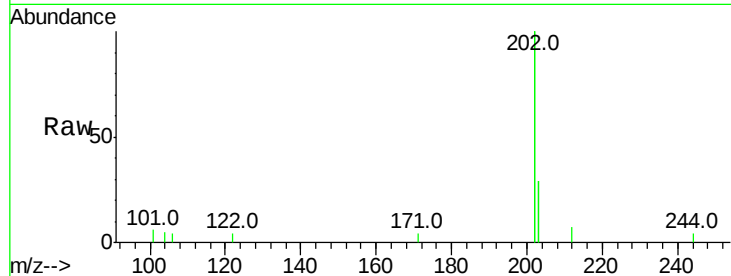




#26
 Fluoranthene
 Concen: 0.11 ng
 RT: 19.18 min Scan# 1141
 Delta R.T. 0.02 min
 Lab File: BE093025.D
 Acq: 15 May 2017 9:09

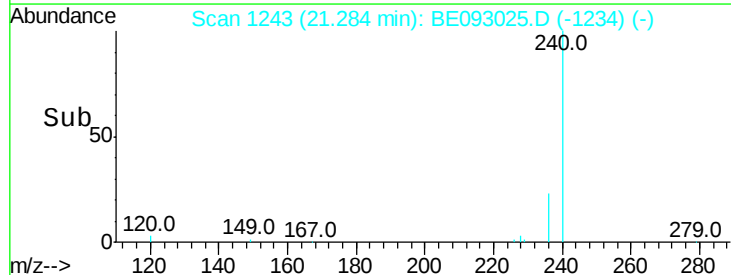
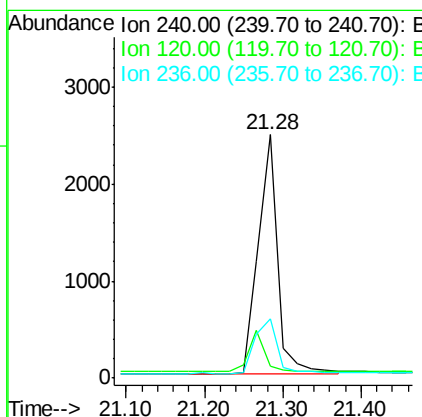
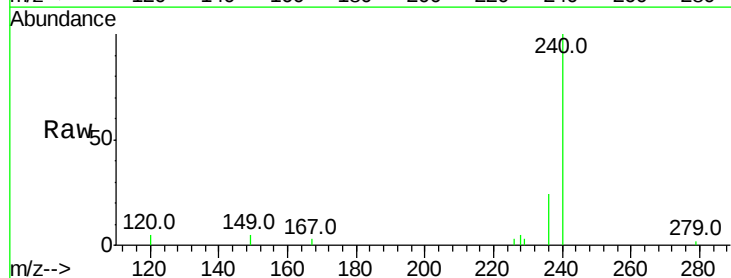
Instrument :
 BNA_E
 ClientSampleId :

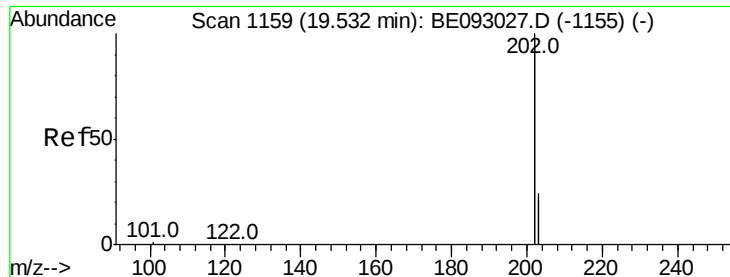
Tot Ion:202 Resp: 4693
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 0.0
 203 17.6 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BE093025.D
 Acq: 15 May 2017 9:09

Tgt Ion:240 Resp: 4272
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.6 7.0
 236 24.4 20.8 31.2





#28

Pvrene

Concen: 0.10 ng

RT: 19.53 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampleId :

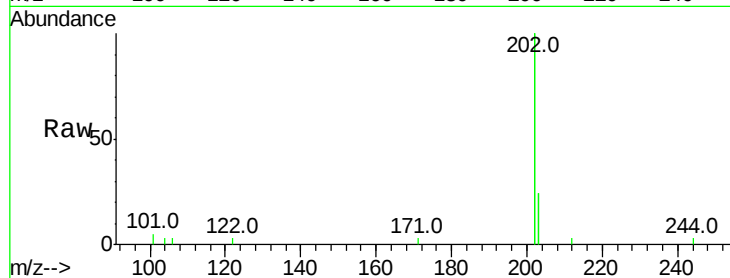
Tot Ion:202 Resp: 5256

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

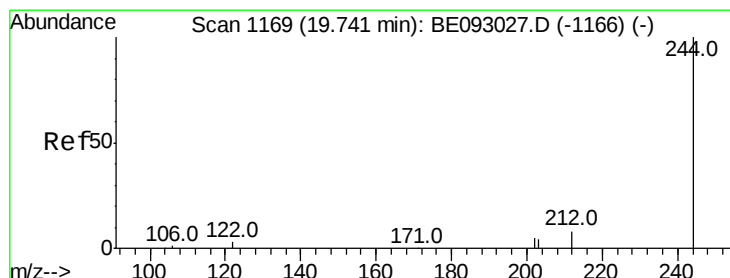
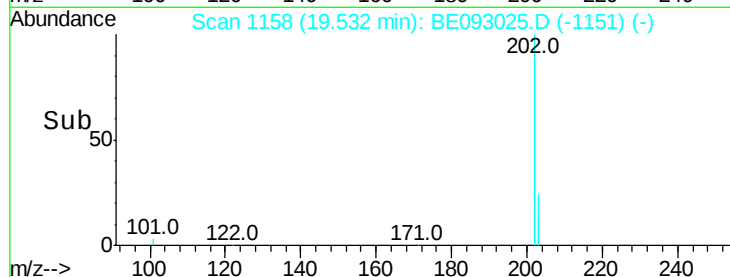
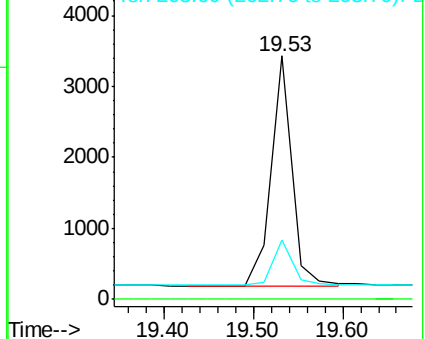
203 18.6 13.7 20.5



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: 0.10 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

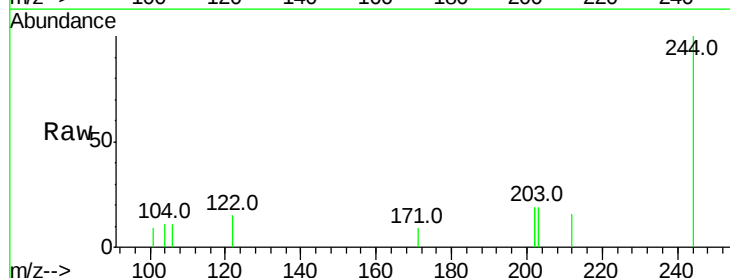
Tgt Ion:244 Resp: 782

Ion Ratio Lower Upper

244 100

212 16.5 10.6 16.0#

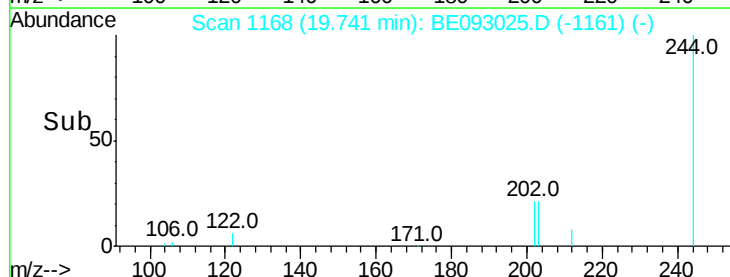
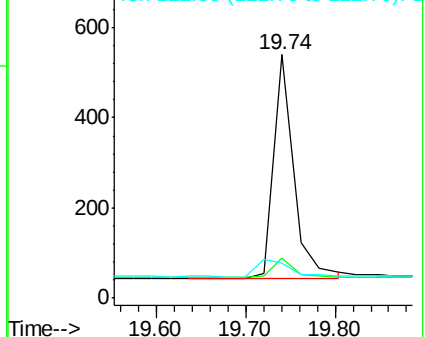
122 14.6 15.4 23.0#

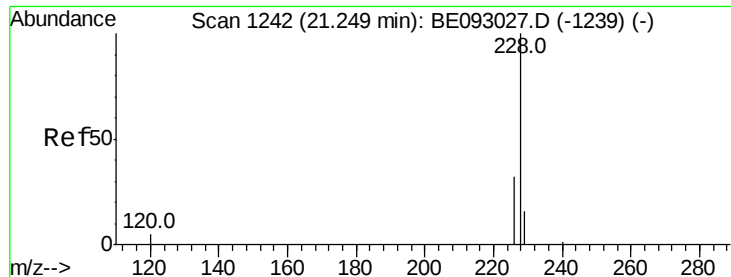


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.27 min Scan# 1242

Delta R.T. 0.02 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampleId :

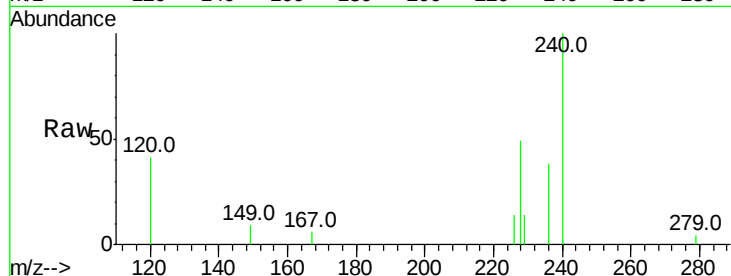
Tot Ion:228 Resp: 1190

Ion Ratio Lower Upper

228 100

226 28.3 19.7 29.5

229 29.5 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

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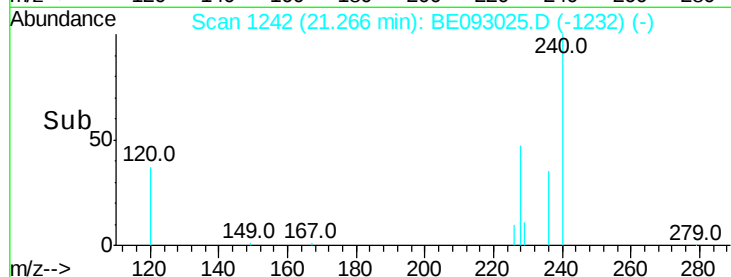
21.27

21.27

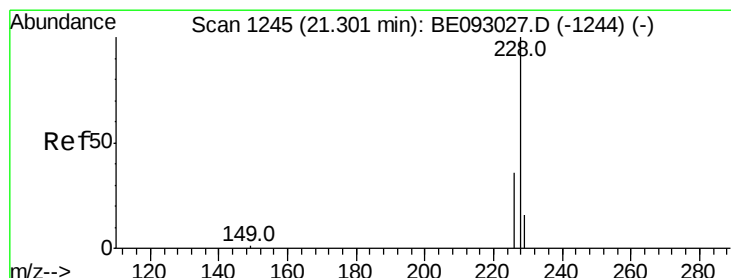
21.27

21.27

21.27



Time-->



#31

Chrysene

Concen: 0.10 ng

RT: 21.32 min Scan# 1245

Delta R.T. 0.02 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

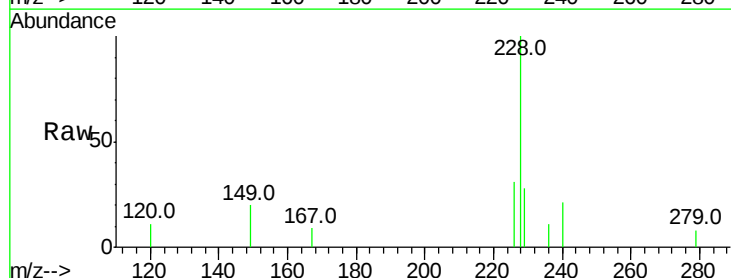
Tgt Ion:228 Resp: 1334

Ion Ratio Lower Upper

228 100

226 30.6 21.5 32.3

229 28.4 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

21.32

21.32

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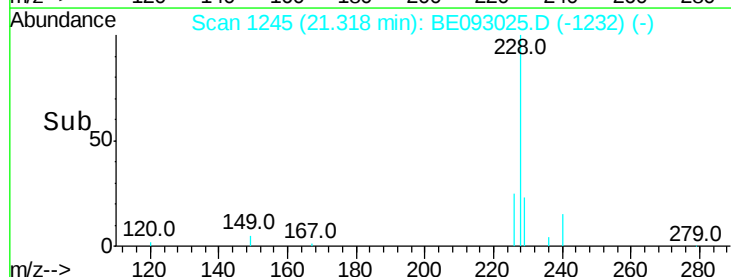
21.32

21.32

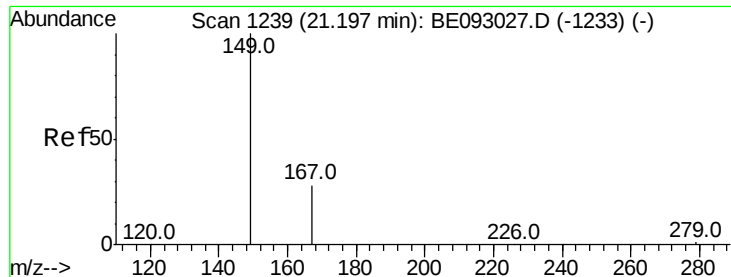
21.32

21.32

21.32



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampleId :

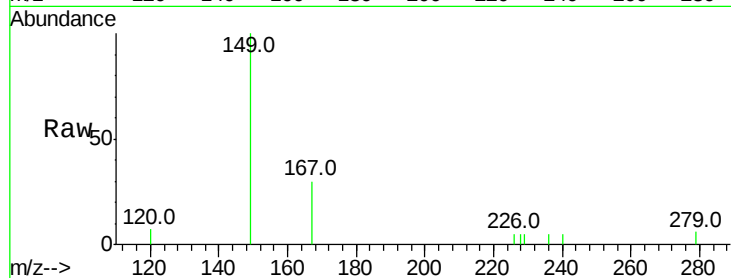
Tot Ion:149 Resp: 1050

Ion Ratio Lower Upper

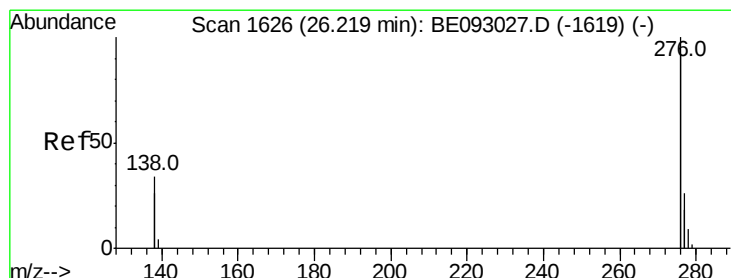
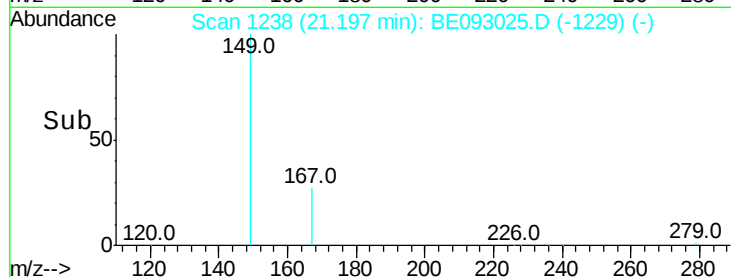
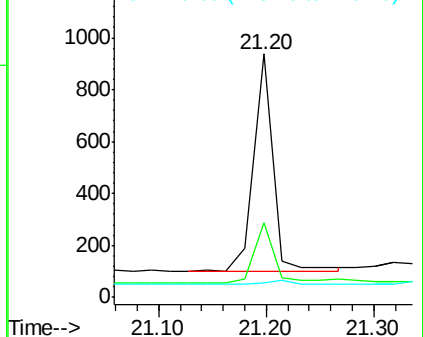
149 100

167 30.7 20.1 30.1#

279 2.5 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: 0.11 ng

RT: 26.24 min Scan# 1626

Delta R.T. 0.02 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

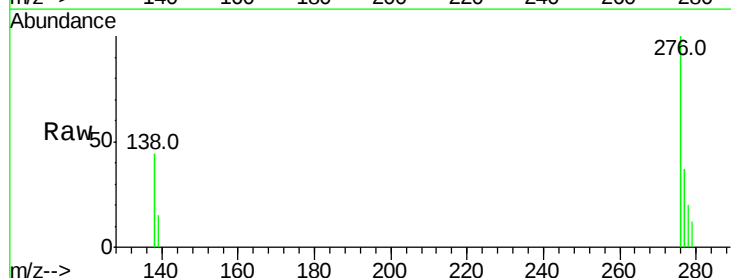
Tgt Ion:276 Resp: 4568

Ion Ratio Lower Upper

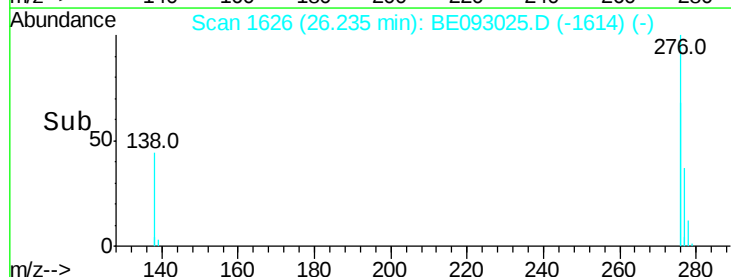
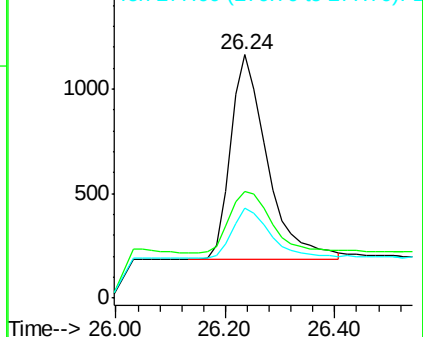
276 100

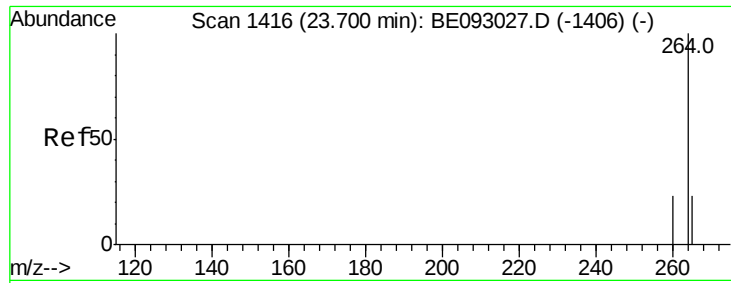
138 34.8 27.4 41.2

277 26.0 20.1 30.1



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

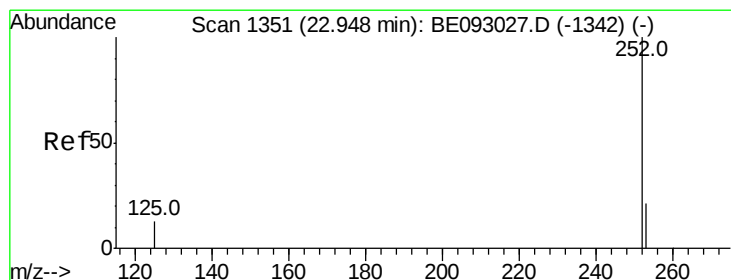
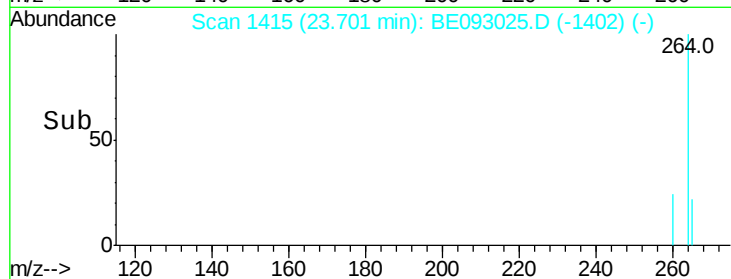
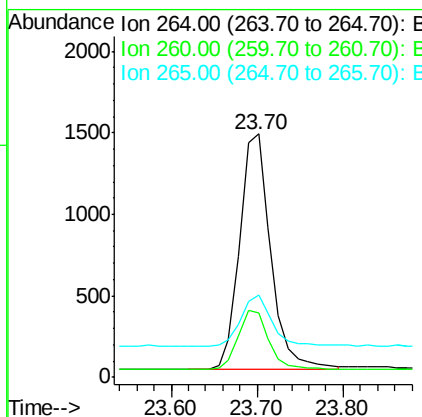
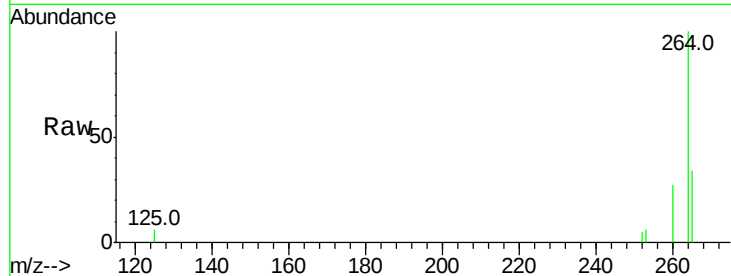




#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

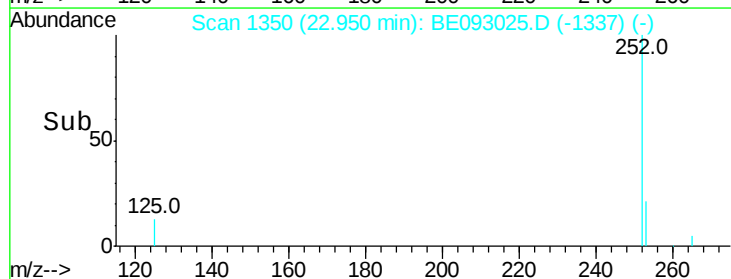
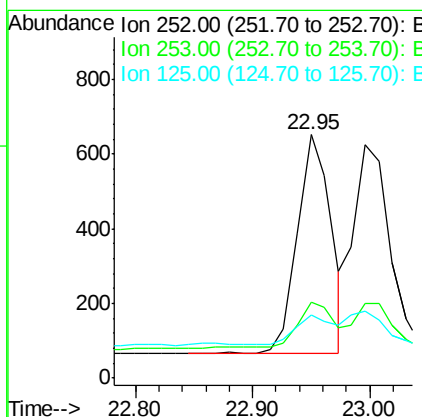
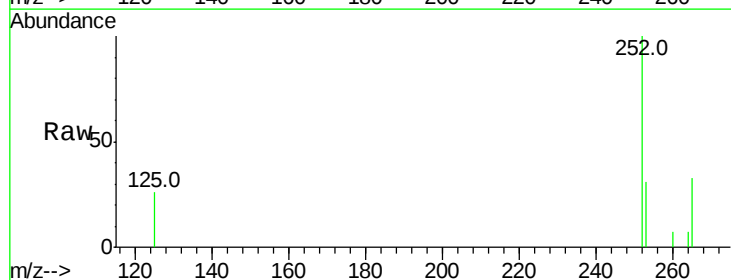
Instrument :
BNA_E
ClientSampleId :

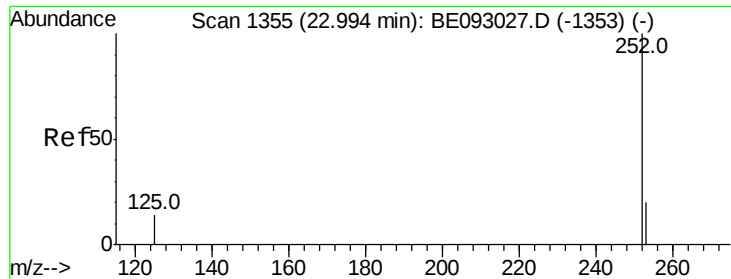
Tot Ion:264 Resp: 3649
Ion Ratio Lower Upper
264 100
260 26.7 21.0 31.4
265 33.9 24.6 36.8



#35
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.95 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Tgt Ion:252 Resp: 1174
Ion Ratio Lower Upper
252 100
253 31.3 18.5 27.7#
125 25.9 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.10 ng

RT: 23.00 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

Instrument :

BNA_E

ClientSampleId :

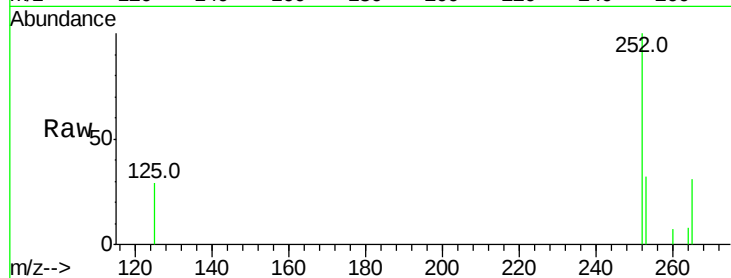
Tot Ion:252 Resp: 1196

Ion Ratio Lower Upper

252 100

253 32.1 20.3 30.5#

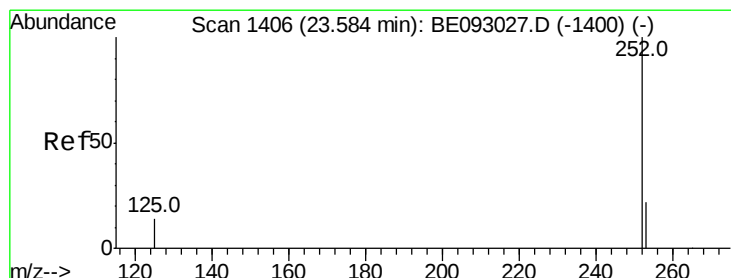
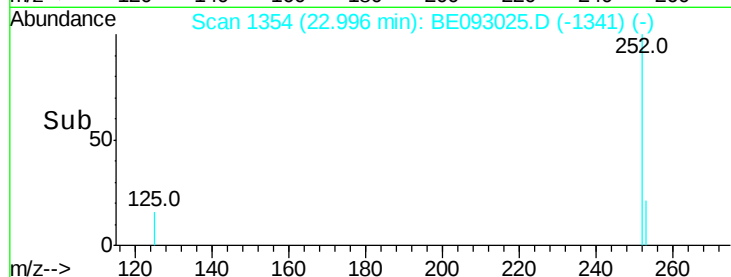
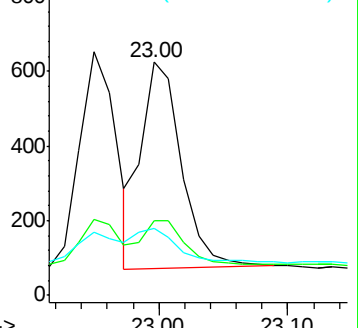
125 28.8 12.2 18.4#



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: 0.11 ng

RT: 23.59 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE093025.D

Acq: 15 May 2017 9:09

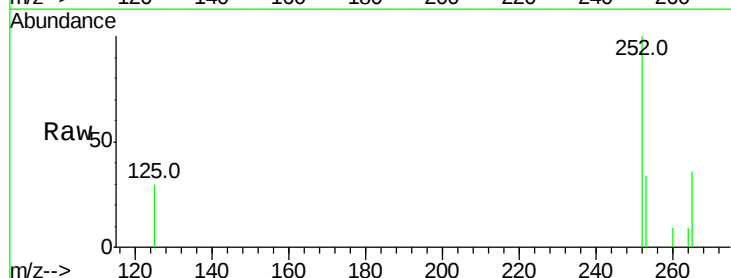
Tgt Ion:252 Resp: 1102

Ion Ratio Lower Upper

252 100

253 34.5 19.9 29.9#

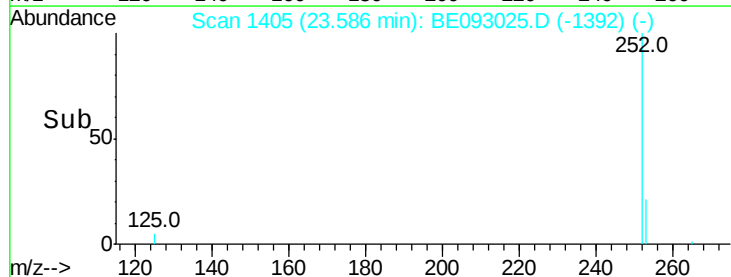
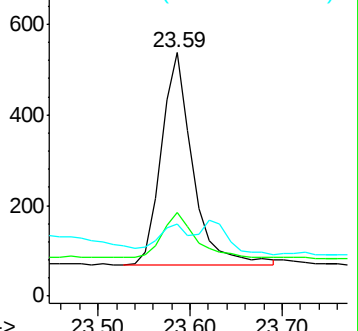
125 29.8 14.6 21.8#

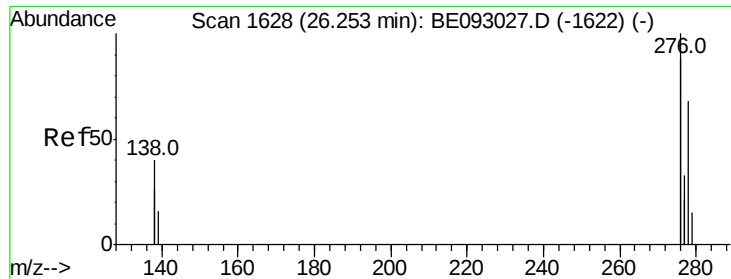


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

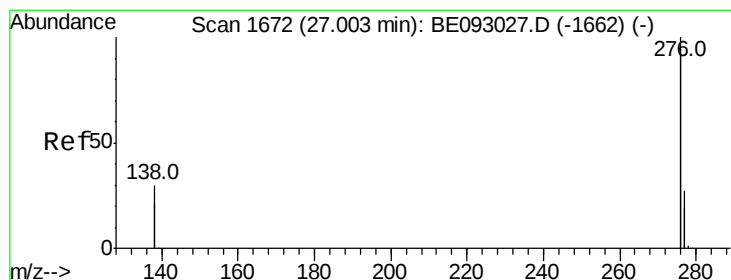
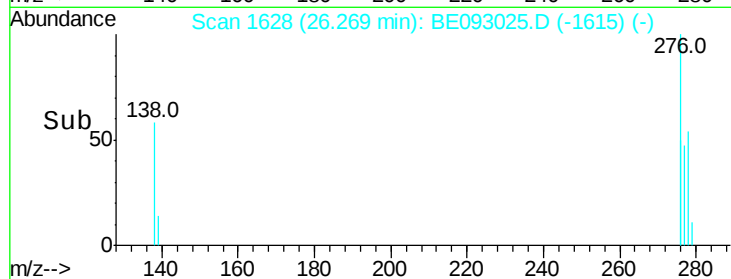
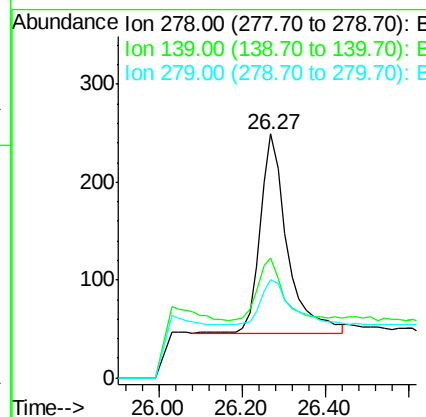
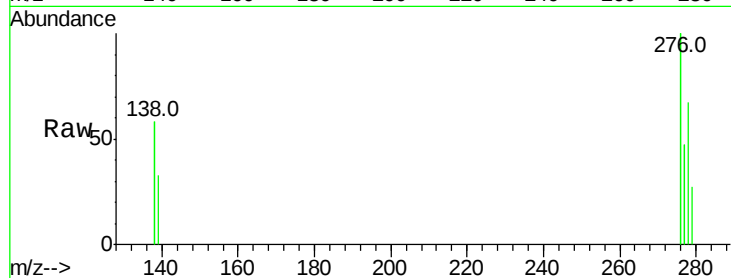




#38
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.27 min Scan# 1628
Delta R.T. 0.02 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 919
Ion Ratio Lower Upper
278 100
139 49.4 21.4 32.0#
279 40.6 22.2 33.2#



#39
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 27.00 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE093025.D
Acq: 15 May 2017 9:09

Tgt Ion:276 Resp: 4288
Ion Ratio Lower Upper
276 100
277 35.3 21.2 31.8#
138 44.3 24.5 36.7#

