

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093026.D
 Acq On : 15 May 2017 9:48
 Operator : SJ/MA
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 15 11:49:26 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	744	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2979	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1406	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3254	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4111	0.40	ng	0.00
34) Perylene-d12	23.70	264	3591	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	465	0.23	ng	0.00
5) Phenol-d6	6.92	99	593	0.23	ng	0.00
8) Nitrobenzene-d5	8.88	82	513	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	888	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	83	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1184	0.21	ng	0.00
25) Fluoranthene-d10	19.14	212	1969	0.23	ng	0.00
29) Terphenyl-d14	19.74	244	1481	0.20	ng	0.00

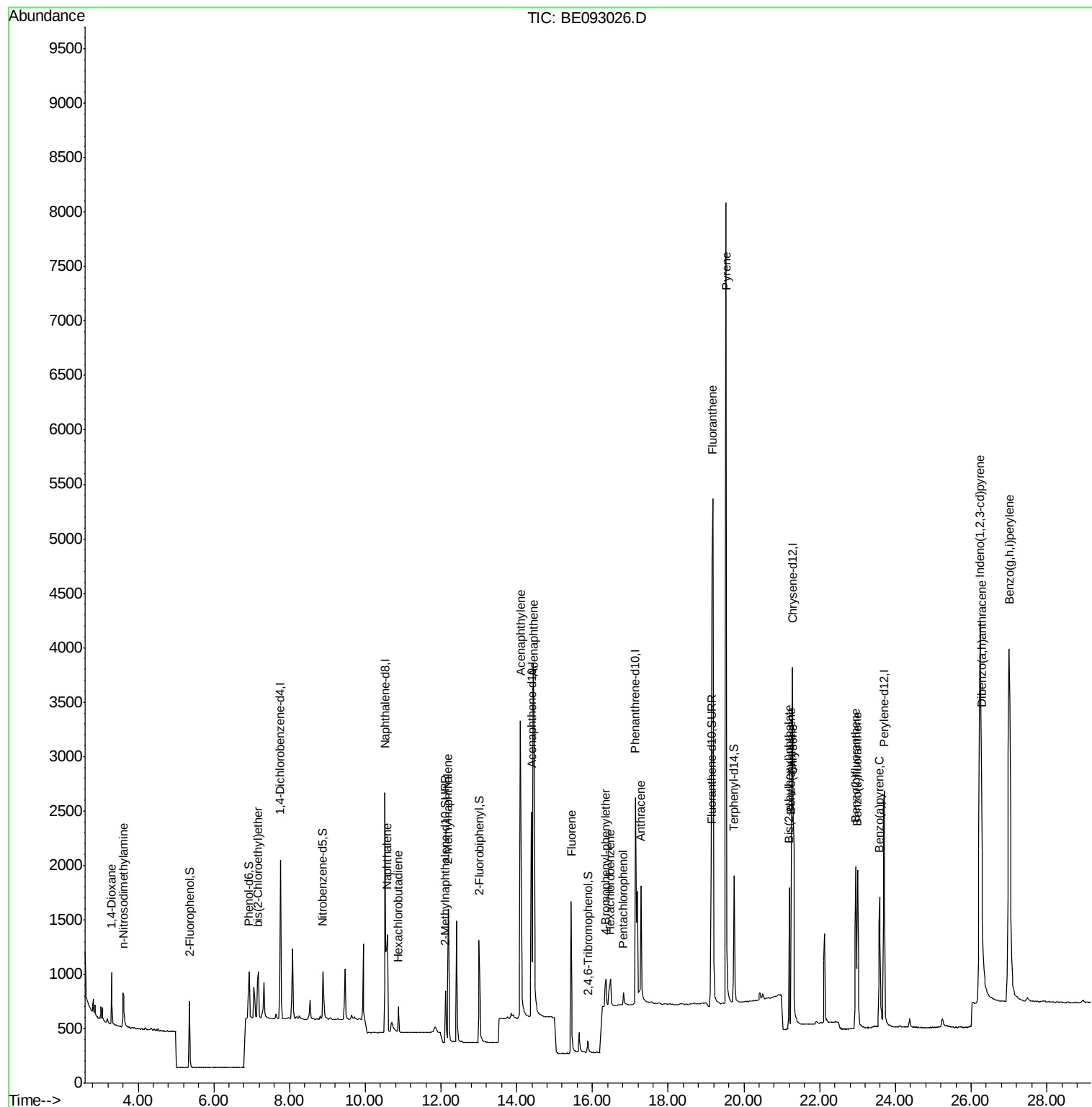
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	324	0.22	ng	97
3) n-Nitrosodimethylamine	3.61	42	262	0.20	ng	# 96
6) bis(2-Chloroethyl)ether	7.18	93	503	0.20	ng	# 97
9) Naphthalene	10.58	128	1613	0.20	ng	# 93
10) Hexachlorobutadiene	10.87	225	218	0.20	ng	98
12) 2-Methylnaphthalene	12.19	142	968	0.21	ng	98
16) Acenaphthylene	14.10	152	4730	0.20	ng	99
17) Acenaphthene	14.46	154	847	0.19	ng	98
18) Fluorene	15.44	166	1084	0.20	ng	99
20) 4-Bromophenyl-phenylether	16.36	248	219	0.21	ng	96
21) Hexachlorobenzene	16.47	284	345	0.22	ng	# 100
22) Pentachlorophenol	16.82	266	133	0.34	ng	94
24) Anthracene	17.28	178	1636	0.24	ng	98
26) Fluoranthene	19.18	202	8956	0.21	ng	# 100
28) Pyrene	19.53	202	10202	0.20	ng	# 98
30) Benzo(a)anthracene	21.25	228	2162	0.21	ng	# 84
31) Chrysene	21.30	228	2402	0.19	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.20	149	1254	0.28	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	9221	0.23	ng	100
35) Benzo(b)fluoranthene	22.95	252	2200	0.19	ng	93
36) Benzo(k)fluoranthene	23.00	252	2281	0.20	ng	# 94
37) Benzo(a)pyrene	23.59	252	2065	0.20	ng	# 93
38) Dibenzo(a,h)anthracene	26.27	278	1935	0.21	ng	92
39) Benzo(g,h,i)perylene	27.00	276	8647	0.21	ng	94

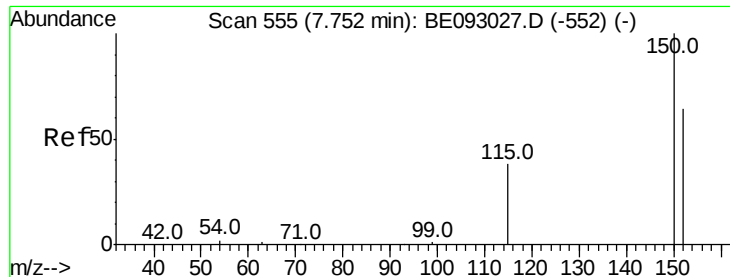
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 15 11:48:00 2017
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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: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

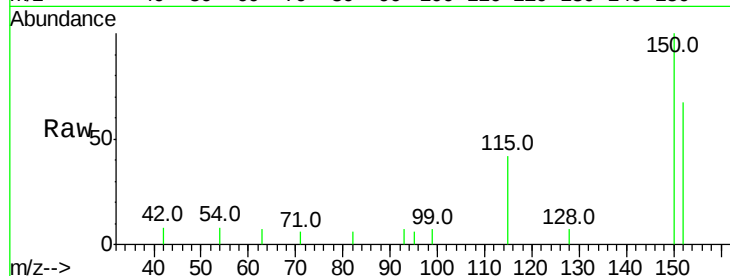
Tot Ion:152 Resp: 744

Ion Ratio Lower Upper

152 100

150 148.7 125.1 187.7

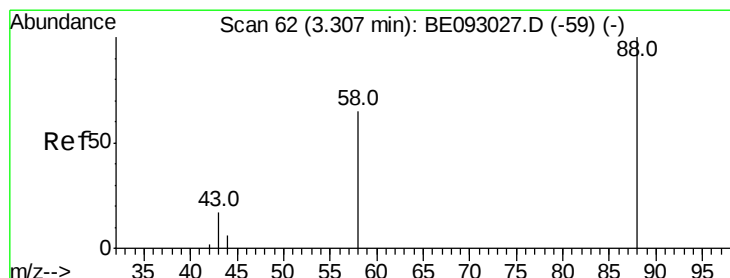
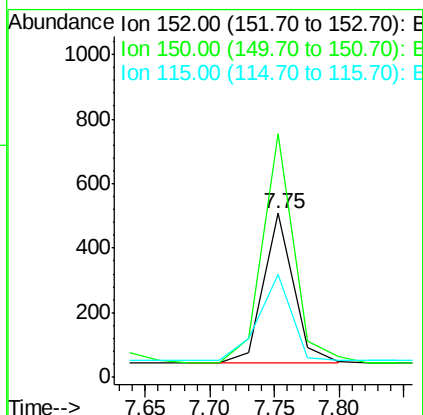
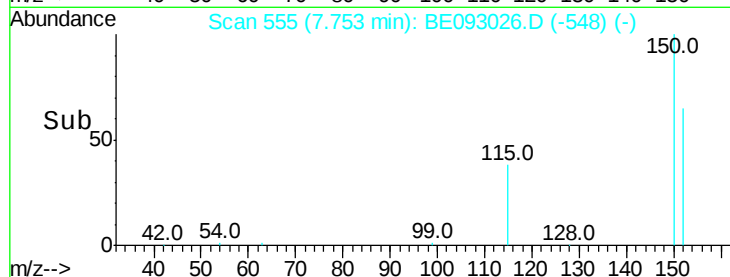
115 63.1 55.7 83.5



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: 0.22 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

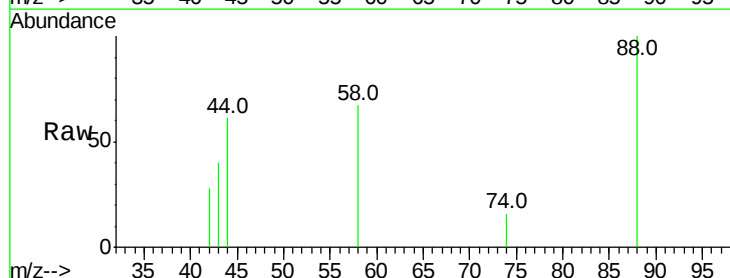
Tgt Ion: 88 Resp: 324

Ion Ratio Lower Upper

88 100

58 73.8 62.2 93.4

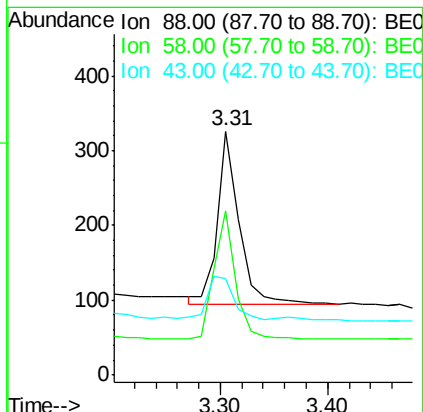
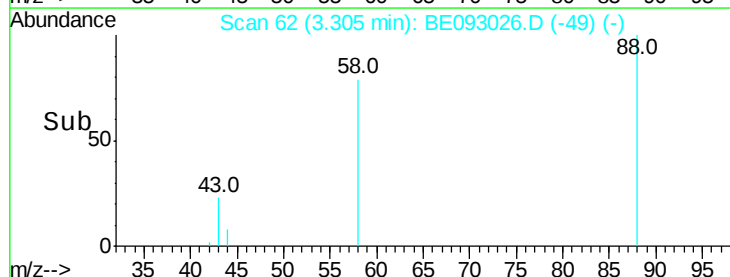
43 29.0 23.2 34.8

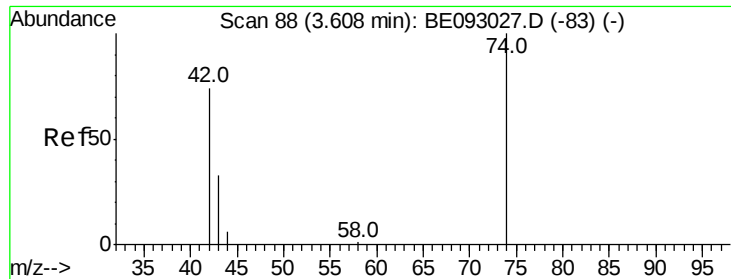


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.20 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

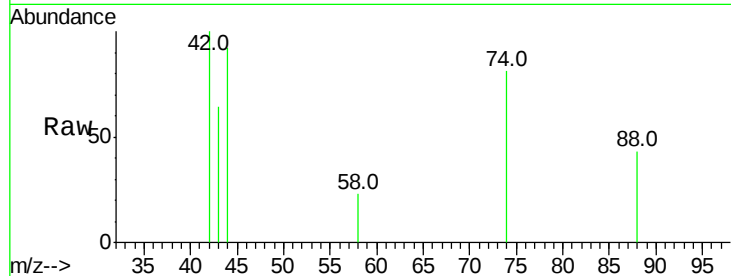
Tot Ion: 42 Resp: 262

Ion Ratio Lower Upper

42 100

74 128.2 99.1 148.7

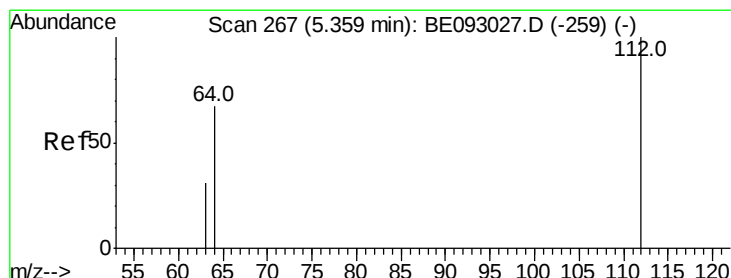
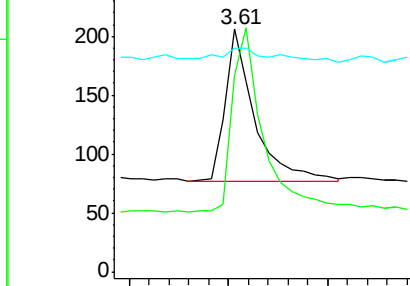
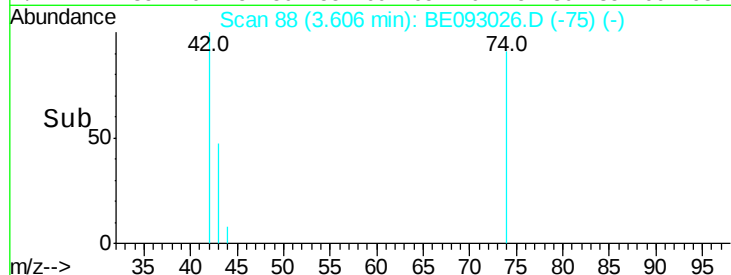
44 6.5 7.4 11.2#



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: 0.23 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

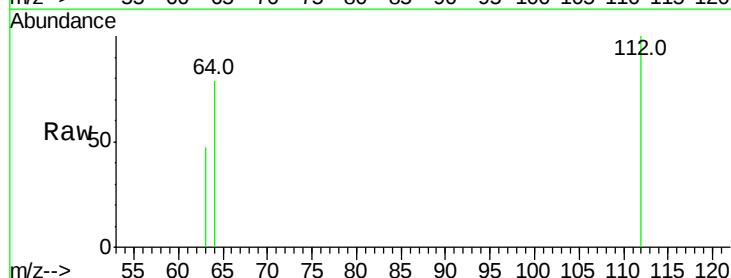
Tgt Ion: 112 Resp: 465

Ion Ratio Lower Upper

112 100

64 70.3 56.4 84.6

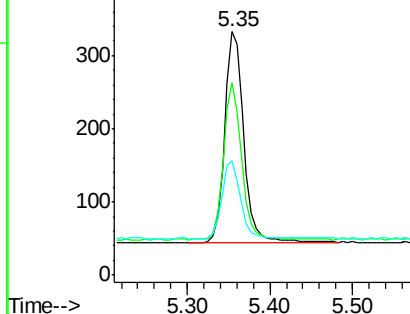
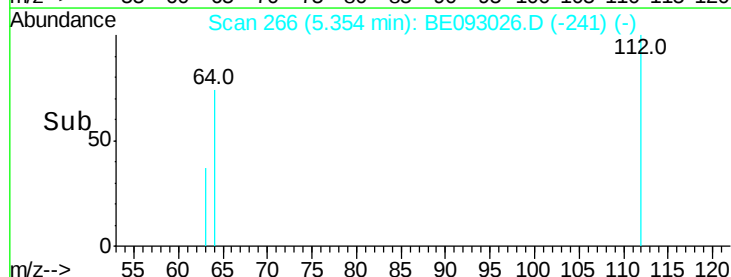
63 36.1 29.3 43.9

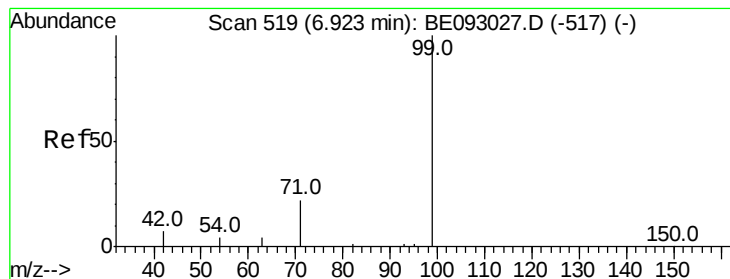


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.23 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

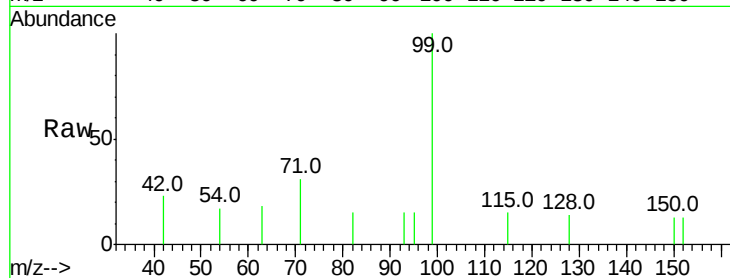
Tot Ion: 99 Resp: 593

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

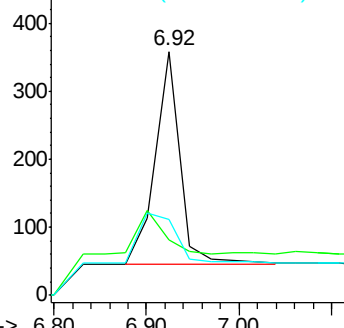
71 0.0 0.0 0.0



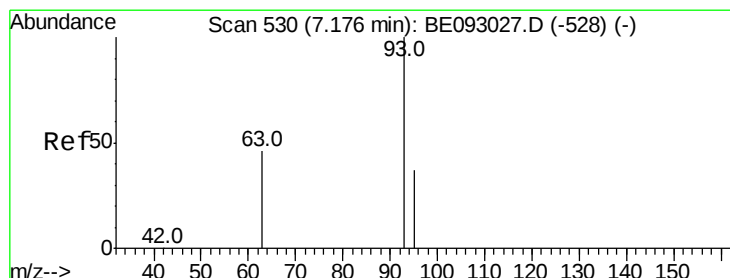
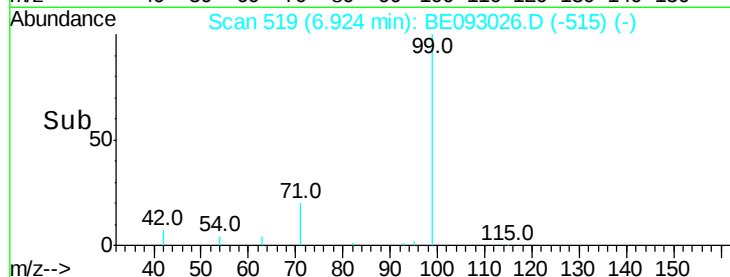
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.20 ng

RT: 7.18 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

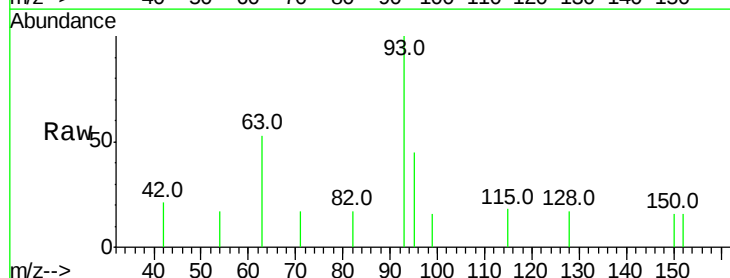
Tgt Ion: 93 Resp: 503

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

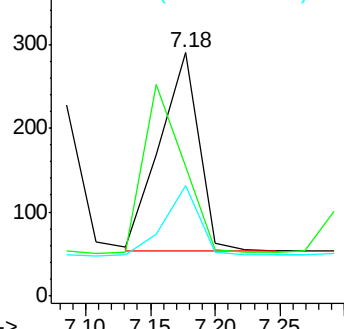
95 30.0 25.4 38.0



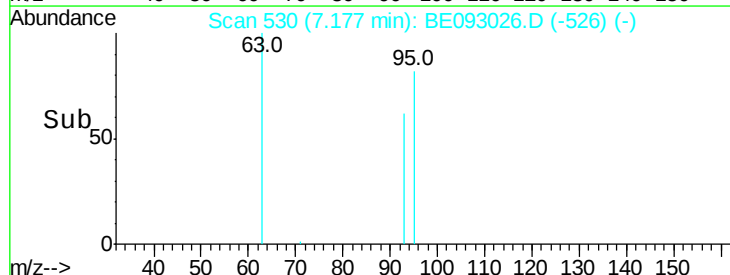
Abundance Ion 93.00 (92.70 to 93.70): BE0

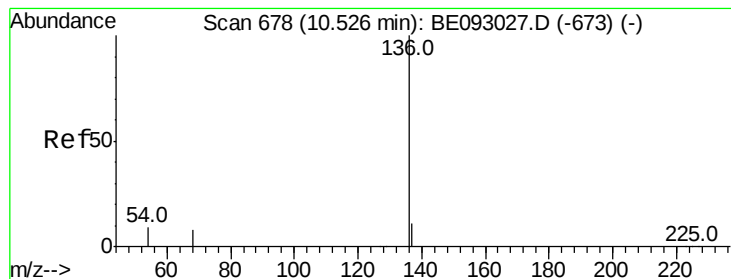
Ion 63.00 (62.70 to 63.70): BE0

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: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2979

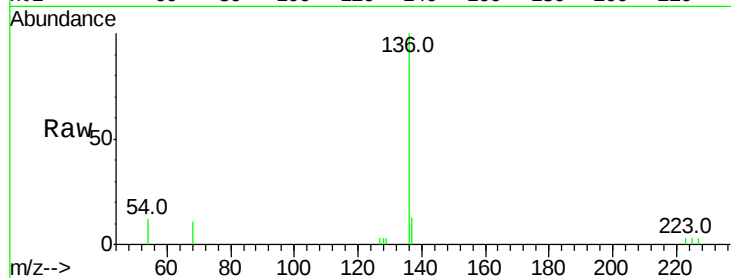
Ion Ratio Lower Upper

136 100

137 12.5 9.8 14.8

54 11.9 10.3 15.5

68 10.8 9.0 13.4

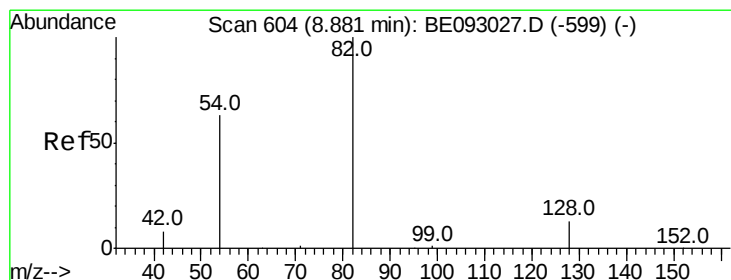
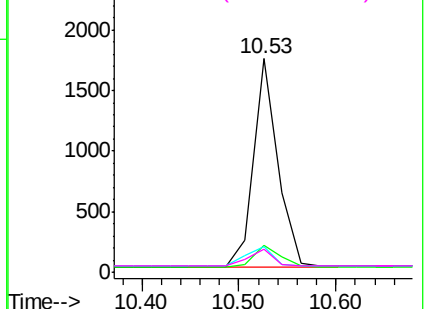
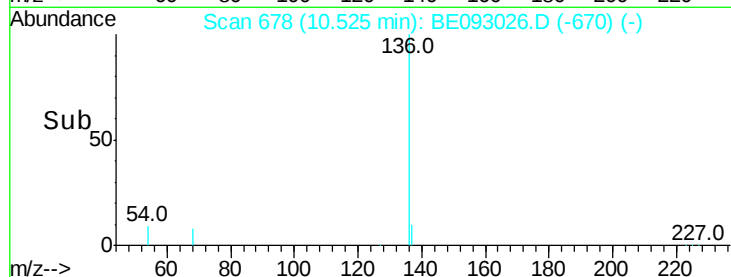


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.22 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

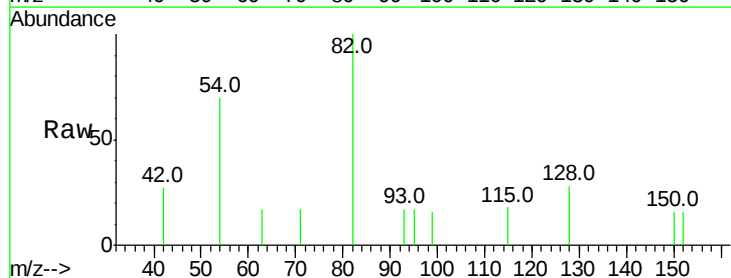
Tgt Ion: 82 Resp: 513

Ion Ratio Lower Upper

82 100

128 27.9 17.0 25.4#

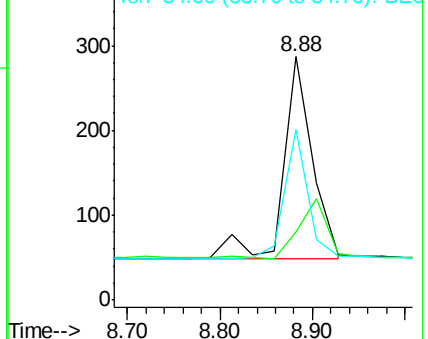
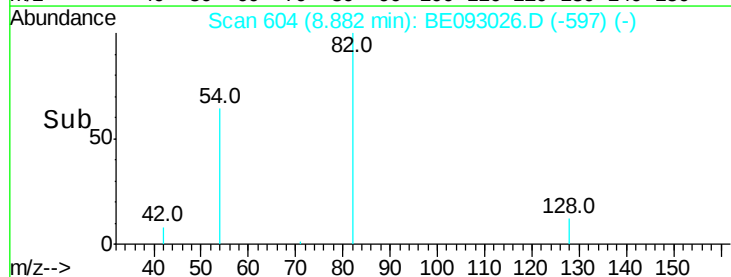
54 70.0 53.8 80.6

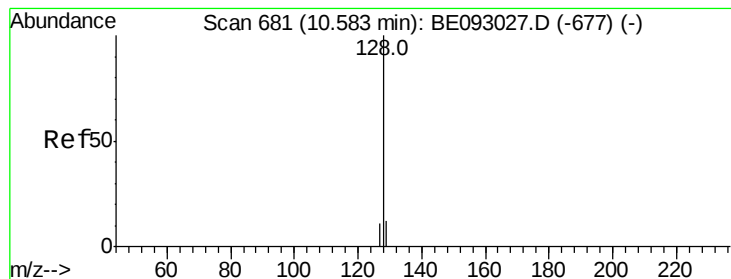


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.20 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

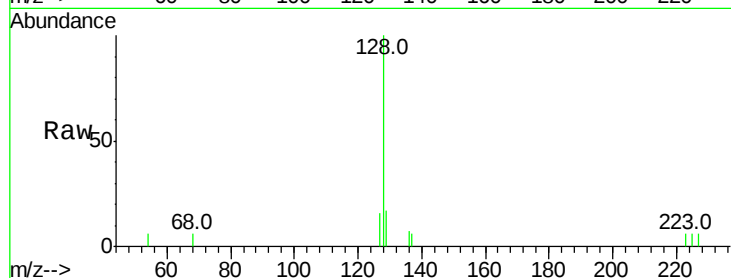
Tot Ion:128 Resp: 1613

Ion Ratio Lower Upper

128 100

129 17.3 11.4 17.0#

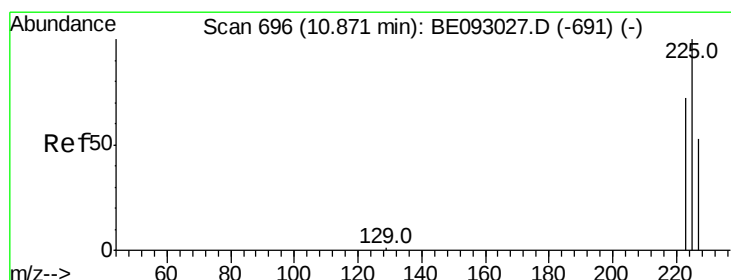
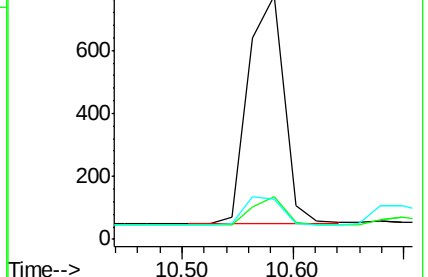
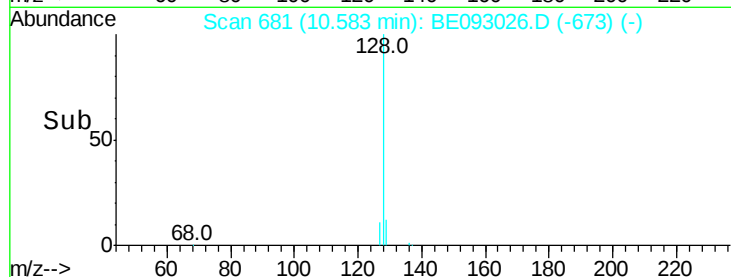
127 16.4 11.2 16.8



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: 0.20 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

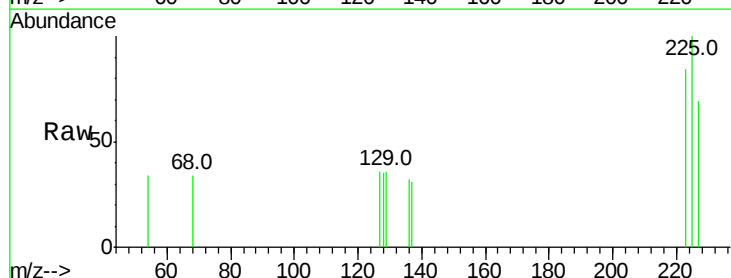
Tgt Ion:225 Resp: 218

Ion Ratio Lower Upper

225 100

223 65.6 49.7 74.5

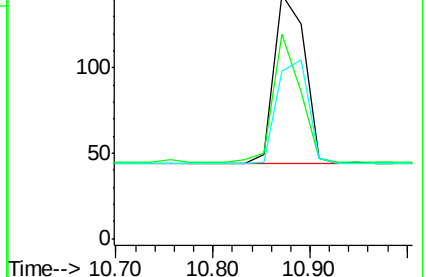
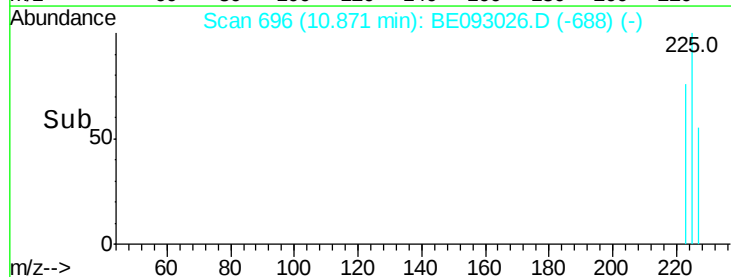
227 62.8 50.3 75.5



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: 0.21 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

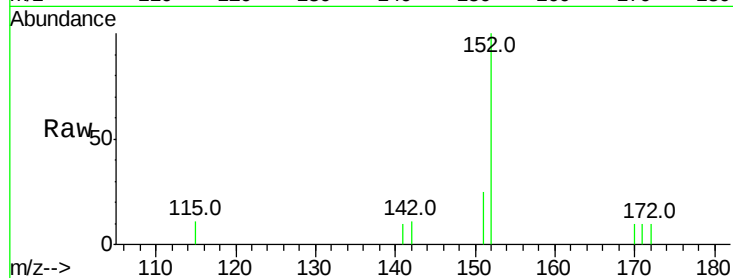
ClientSampled :

Tot Ion:152 Resp: 888

Ion Ratio Lower Upper

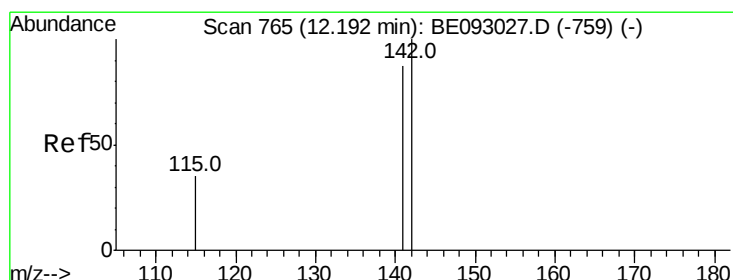
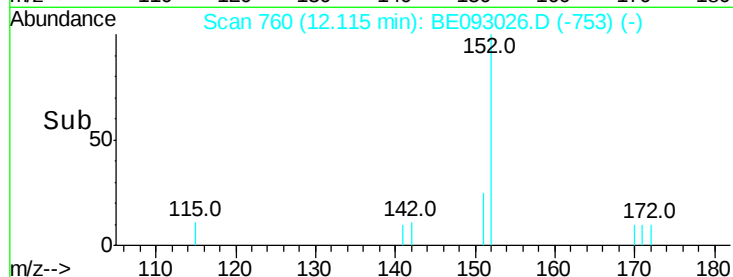
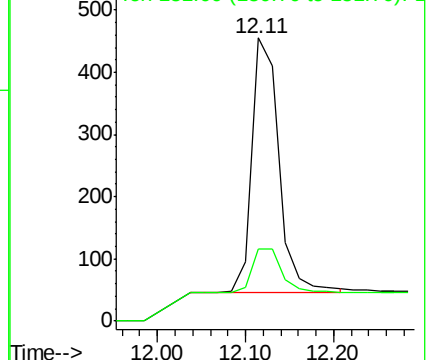
152 100

151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.21 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

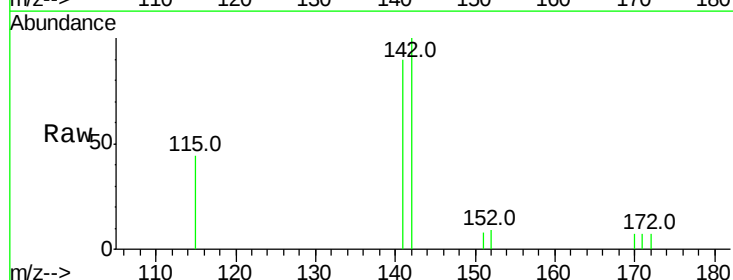
Tgt Ion:142 Resp: 968

Ion Ratio Lower Upper

142 100

141 89.6 72.6 108.8

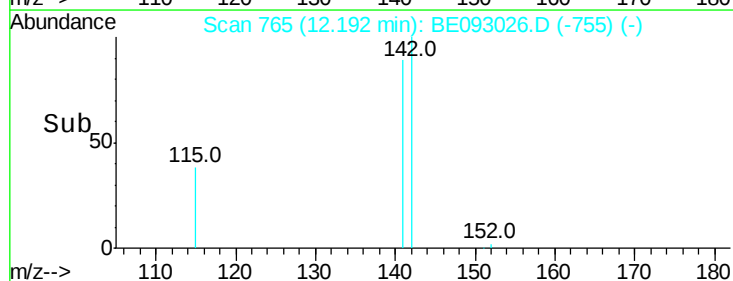
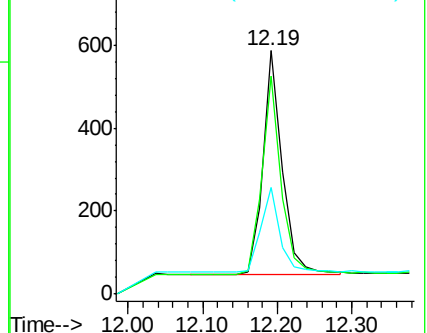
115 43.6 32.2 48.2



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

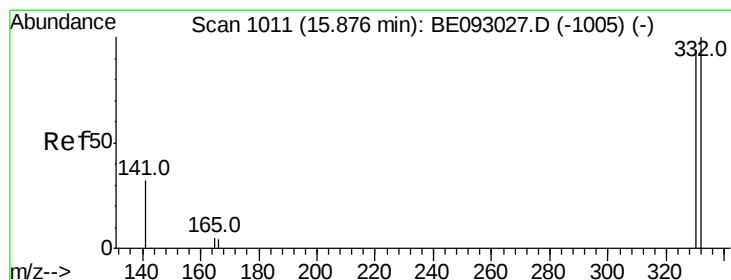
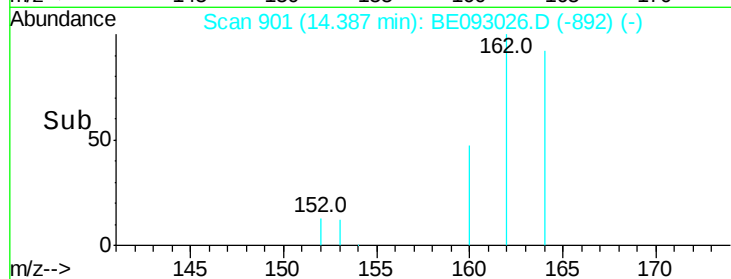
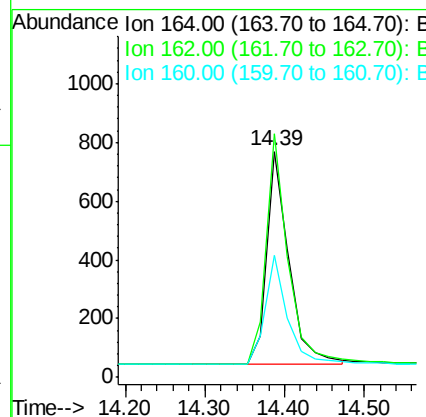
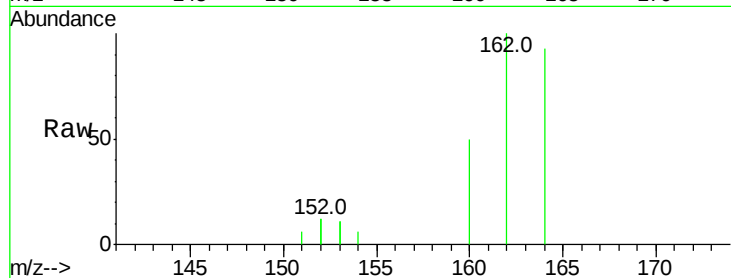




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

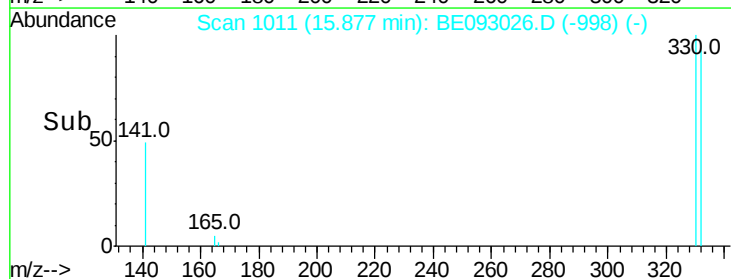
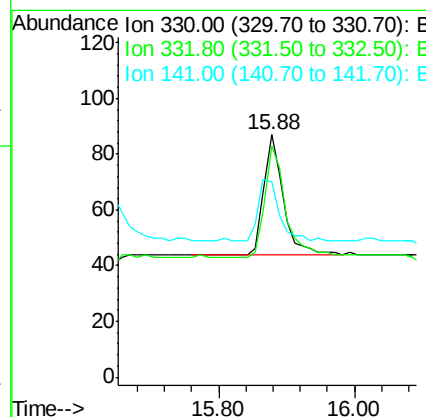
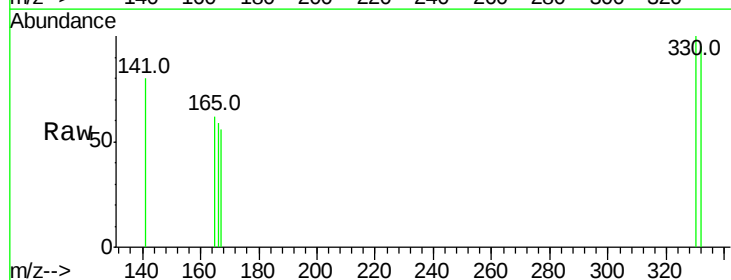
Instrument :
BNA_E
ClientSampled :

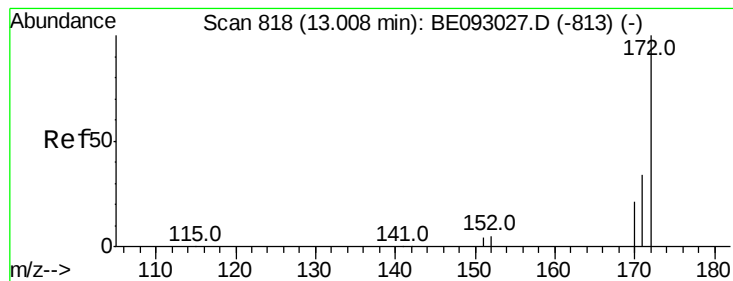
Tot Ion:164 Resp: 1406
Ion Ratio Lower Upper
164 100
162 107.8 84.6 127.0
160 53.8 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

Tgt Ion:330 Resp: 83
Ion Ratio Lower Upper
330 100
332 102.4 77.7 116.5
141 55.4 56.2 84.4#





#15

2-Fluorobiphenyl

Concen: 0.21 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

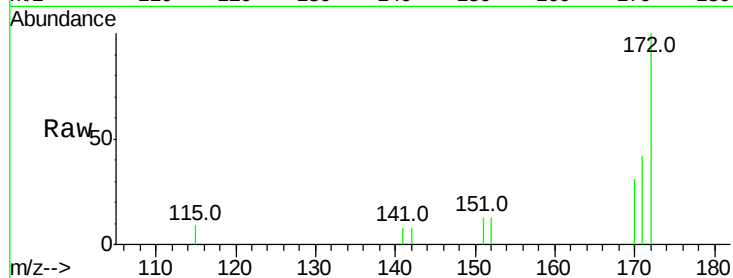
Tot Ion:172 Resp: 1184

Ion Ratio Lower Upper

172 100

171 41.8 29.8 44.6

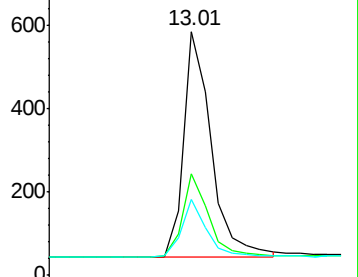
170 31.2 20.7 31.1#



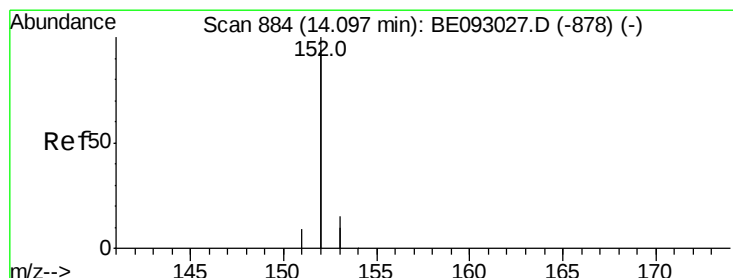
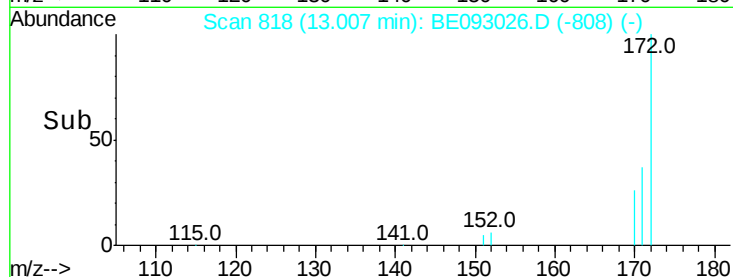
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#16

Acenaphthylene

Concen: 0.20 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

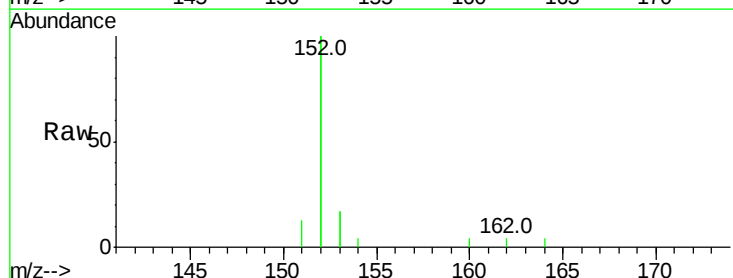
Tgt Ion:152 Resp: 4730

Ion Ratio Lower Upper

152 100

151 4.8 4.0 6.0

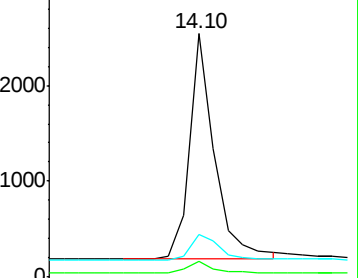
153 13.2 10.3 15.5



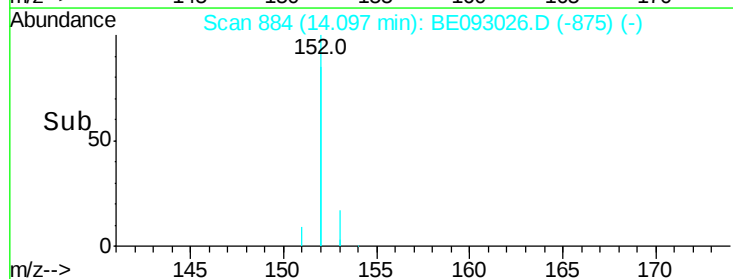
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->

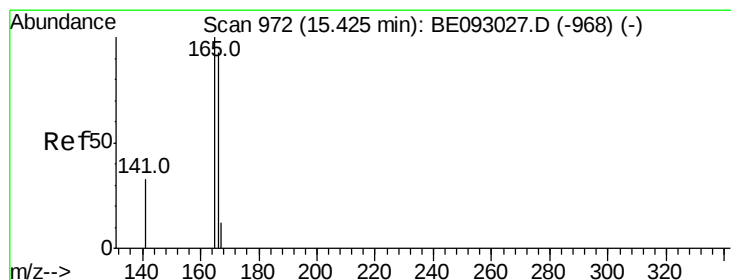
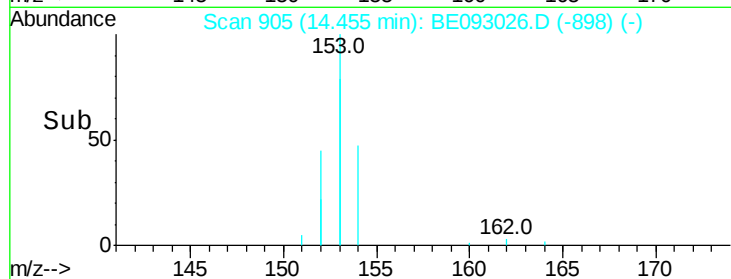
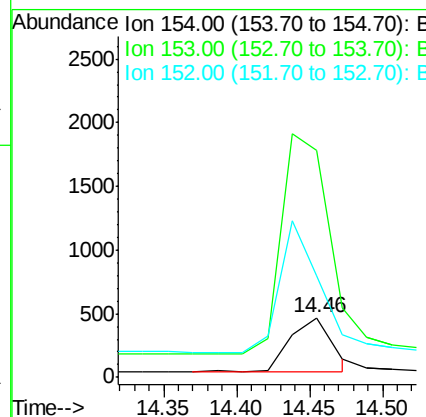
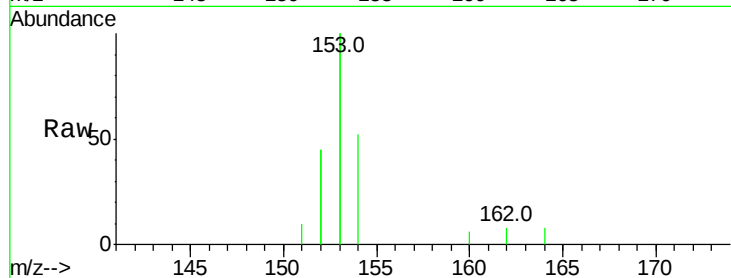




#17
Acenaphthene
Concen: 0.19 ng
RT: 14.46 min Scan# 905
Delta R.T. 0.02 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

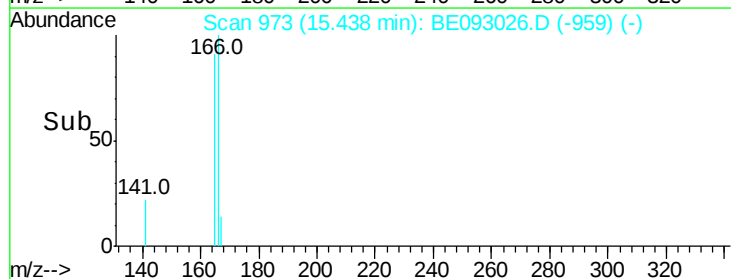
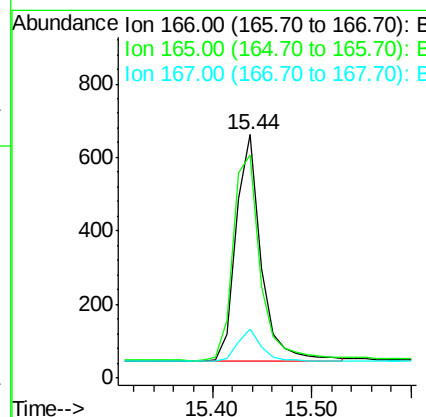
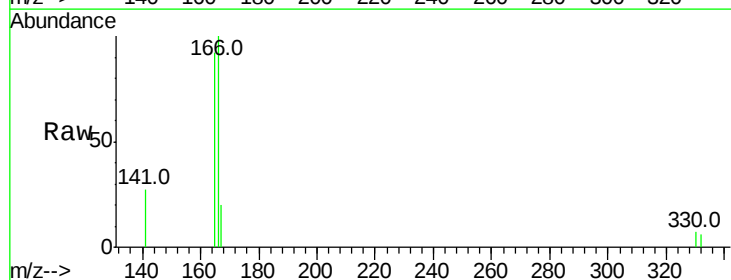
Instrument :
BNA_E
ClientSampleId :

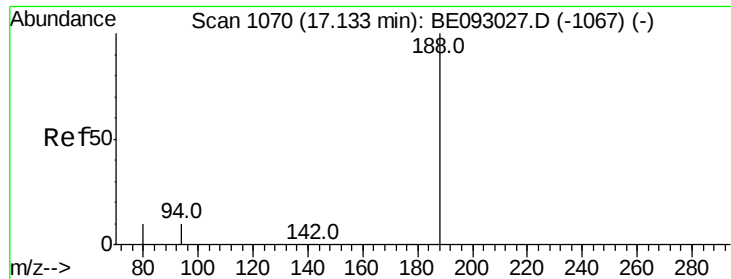
Tot Ion:154 Resp: 847
Ion Ratio Lower Upper
154 100
153 458.1 367.8 551.6
152 229.3 188.2 282.2



#18
Fluorene
Concen: 0.20 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

Tgt Ion:166 Resp: 1084
Ion Ratio Lower Upper
166 100
165 99.7 78.6 117.8
167 14.1 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: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

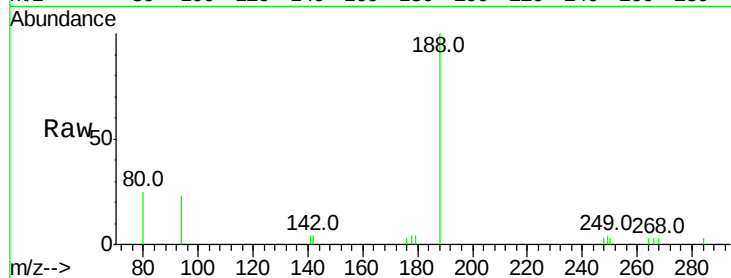
Tot Ion:188 Resp: 3254

Ion Ratio Lower Upper

188 100

94 22.8 11.3 16.9#

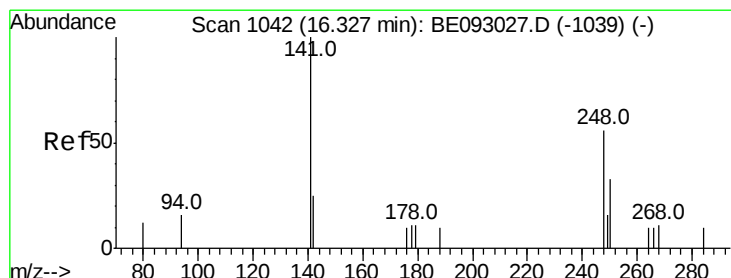
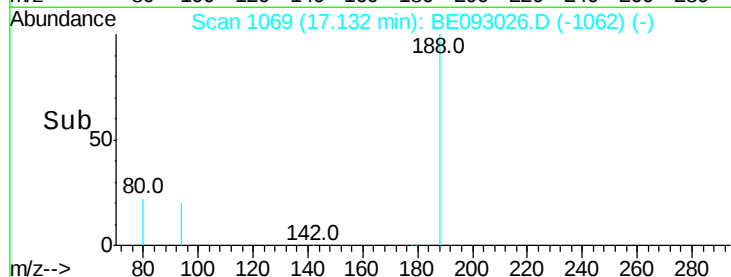
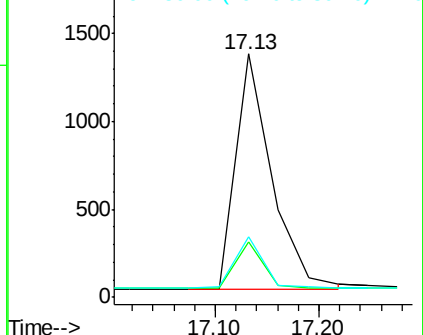
80 24.8 11.7 17.5#



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: 0.21 ng

RT: 16.36 min Scan# 1042

Delta R.T. 0.03 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

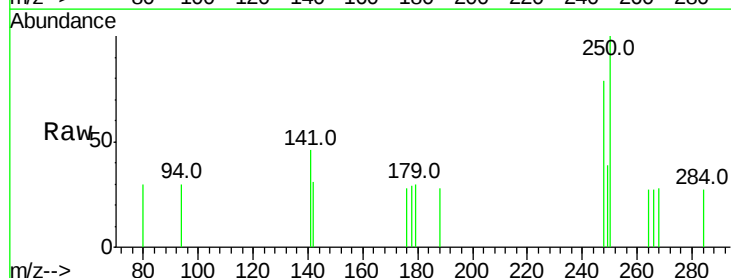
Tgt Ion:248 Resp: 219

Ion Ratio Lower Upper

248 100

250 126.0 100.0 150.0

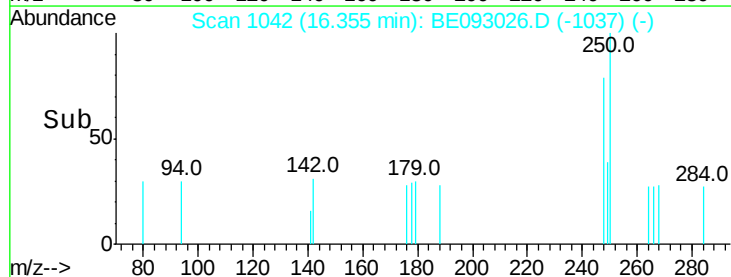
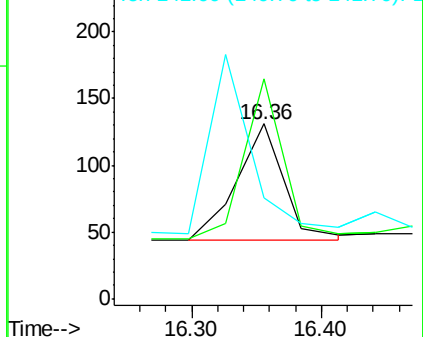
141 58.0 40.0 60.0



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

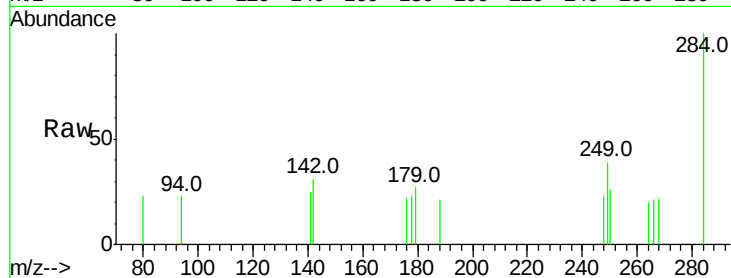




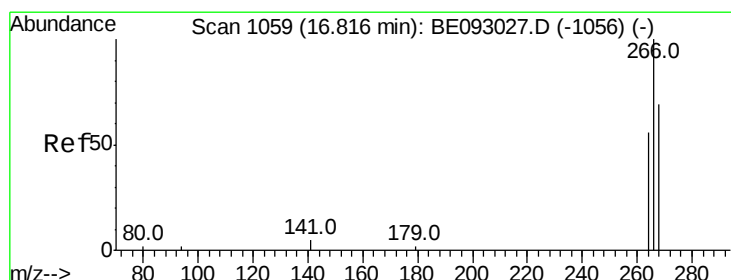
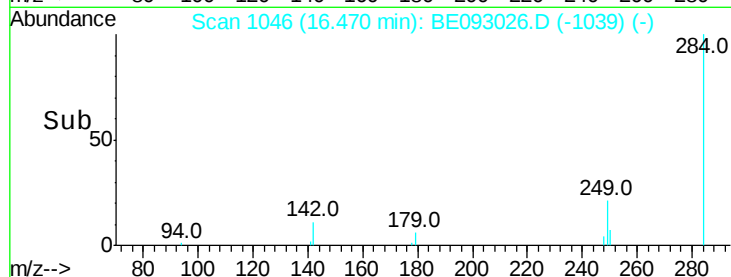
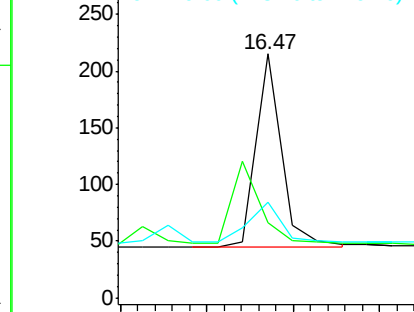
#21
Hexachlorobenzene
Concen: 0.22 ng
RT: 16.47 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 345
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.4 0.0 0.0#

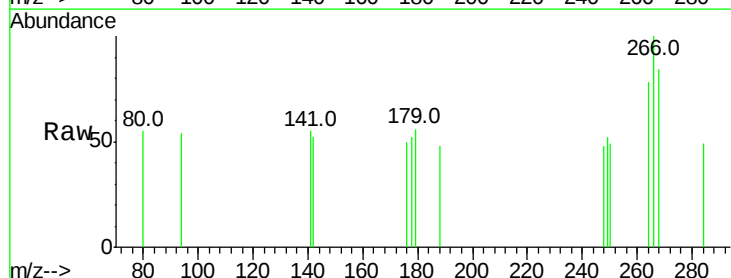


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

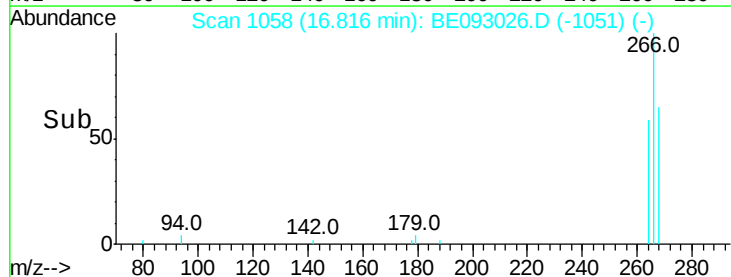
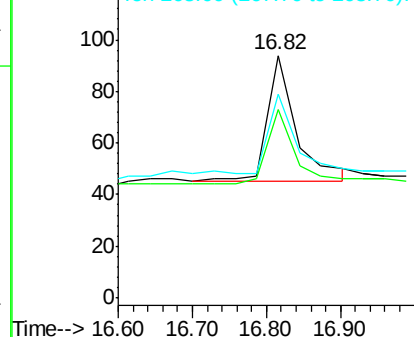


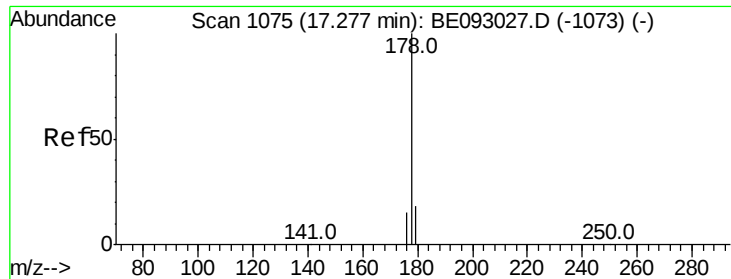
#22
Pentachlorophenol
Concen: 0.34 ng
RT: 16.82 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

Tgt Ion:266 Resp: 133
Ion Ratio Lower Upper
266 100
264 77.7 58.2 87.2
268 84.0 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: 0.24 ng

RT: 17.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

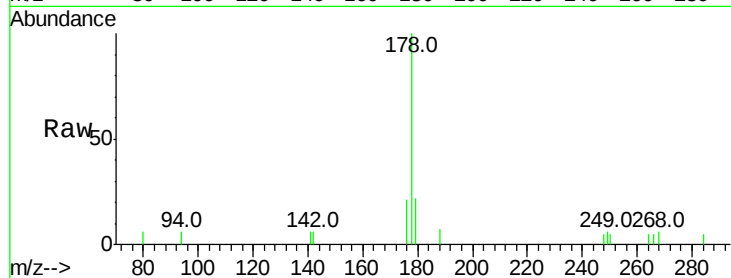
Tot Ion:178 Resp: 1636

Ion Ratio Lower Upper

178 100

176 17.3 14.6 22.0

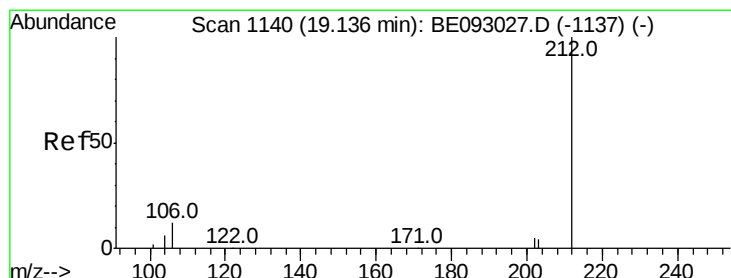
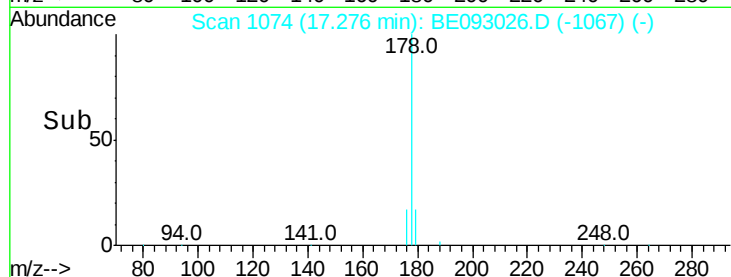
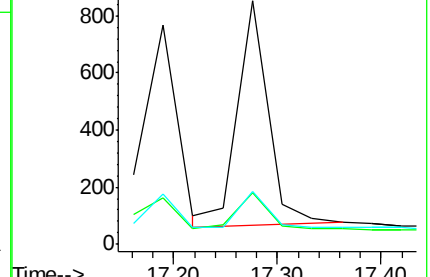
179 15.3 12.0 18.0



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: 0.23 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

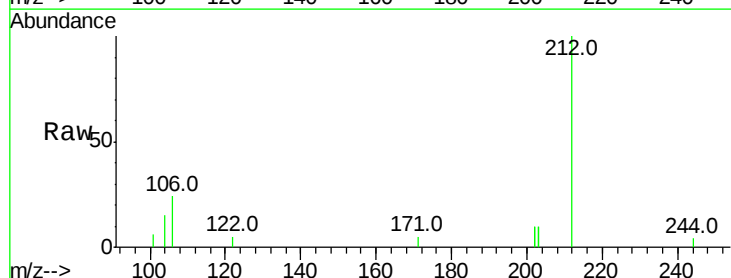
Tgt Ion:212 Resp: 1969

Ion Ratio Lower Upper

212 100

106 16.4 0.0 0.0#

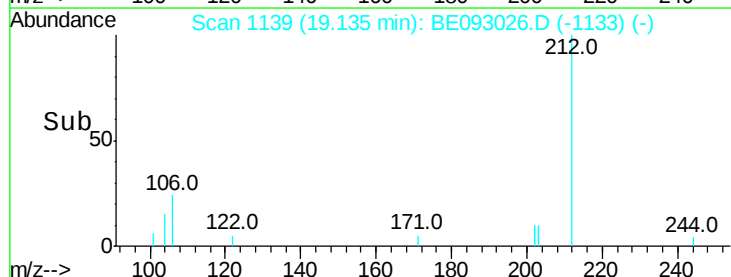
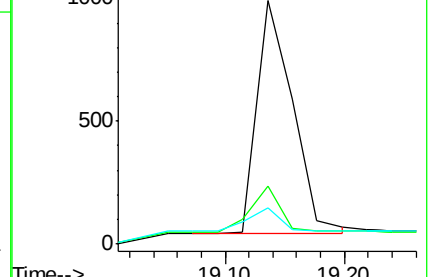
104 9.4 0.0 0.0#

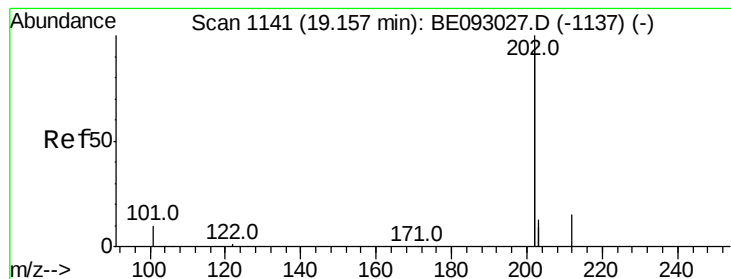


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.21 ng

RT: 19.18 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

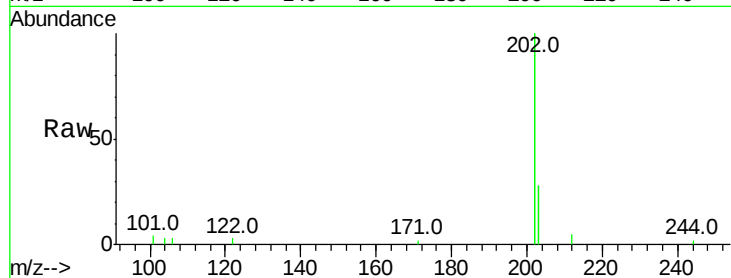
Tot Ion:202 Resp: 8956

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

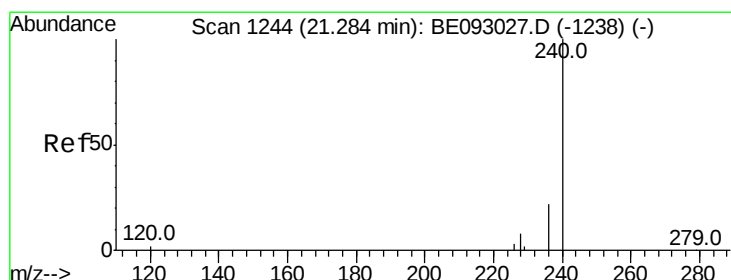
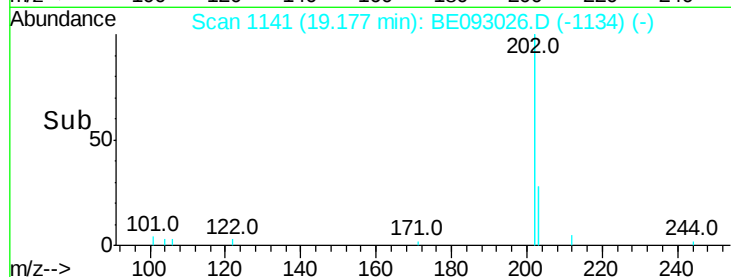
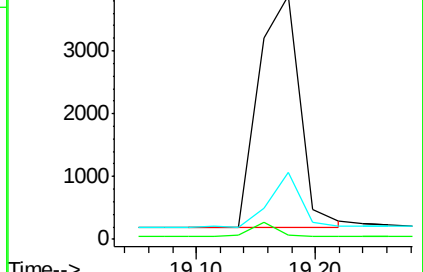
203 17.9 14.4 21.6



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# 1243

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

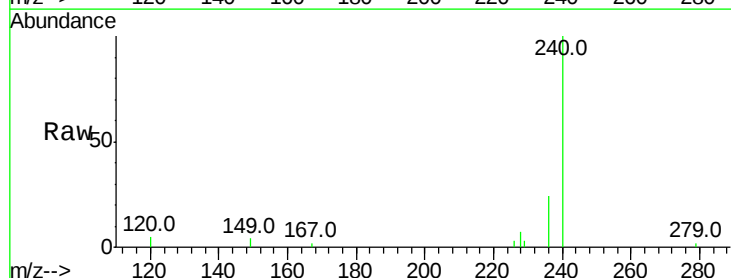
Tgt Ion:240 Resp: 4111

Ion Ratio Lower Upper

240 100

120 4.9 4.6 7.0

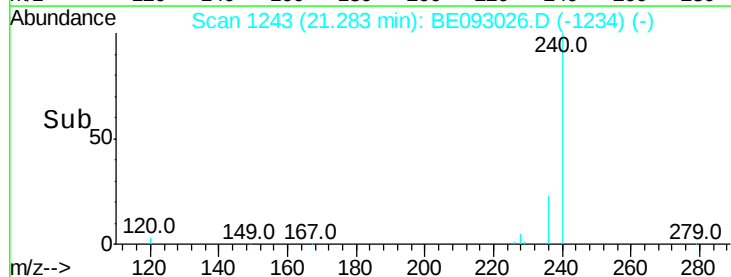
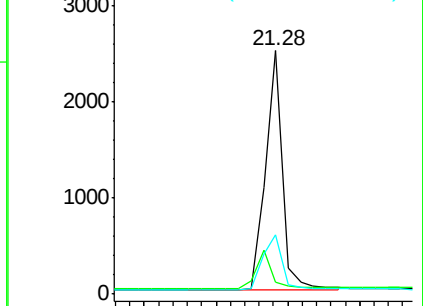
236 24.4 20.8 31.2

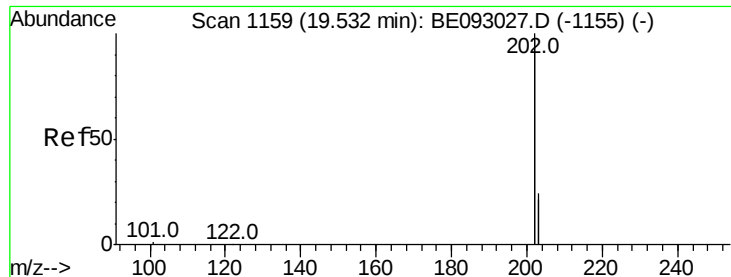


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.20 ng

RT: 19.53 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE093026.D

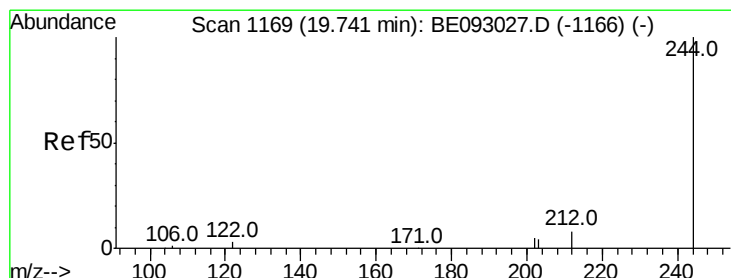
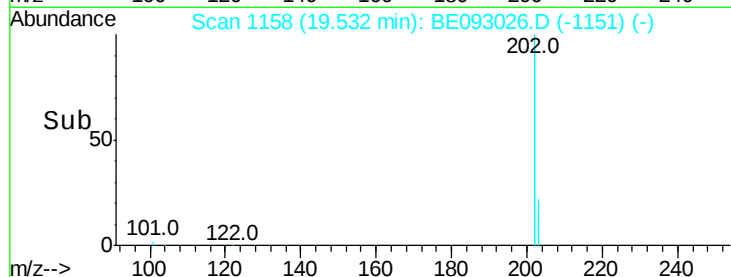
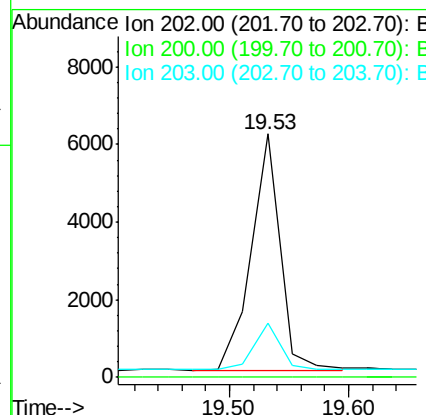
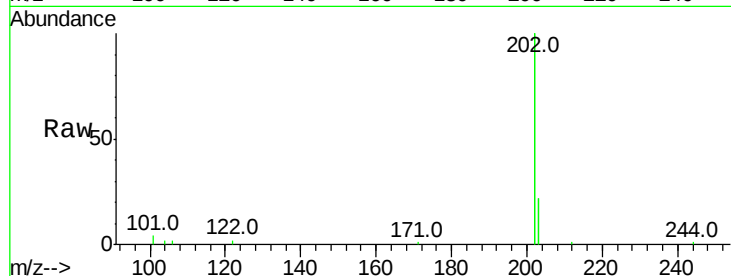
Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	10202
Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.1	13.7	20.5



#29

Terphenyl-d14

Concen: 0.20 ng

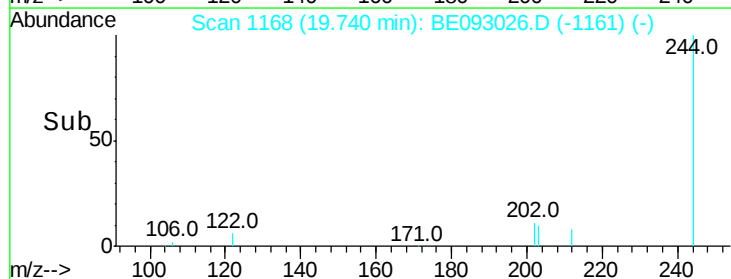
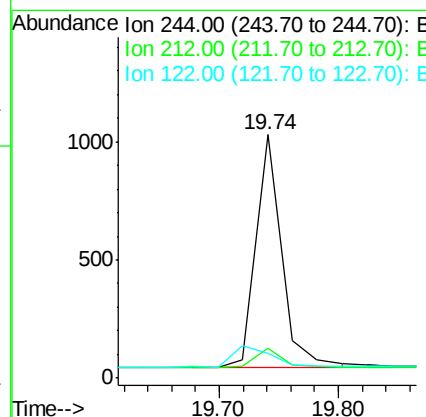
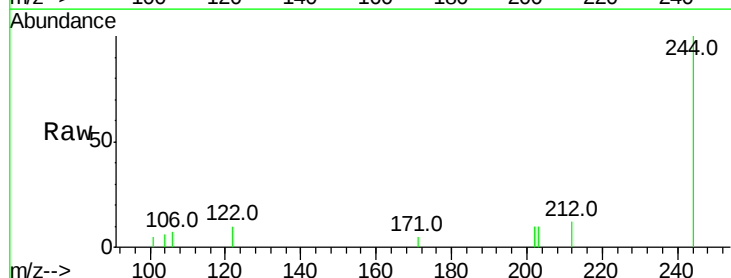
RT: 19.74 min Scan# 1168

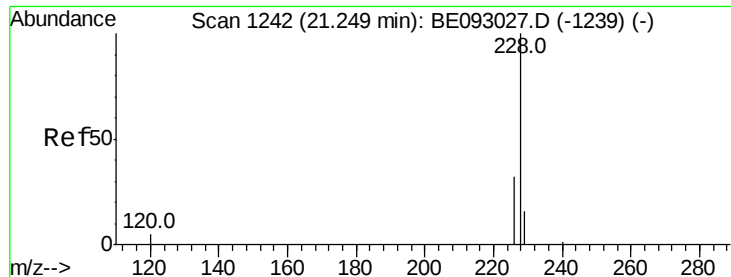
Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Tgt Ion:	244	Resp:	1481
Ion	Ratio	Lower	Upper
244	100		
212	12.4	10.6	16.0
122	10.3	15.4	23.0#





#30

Benzo(a)anthracene

Concen: 0.21 ng

RT: 21.25 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampled :

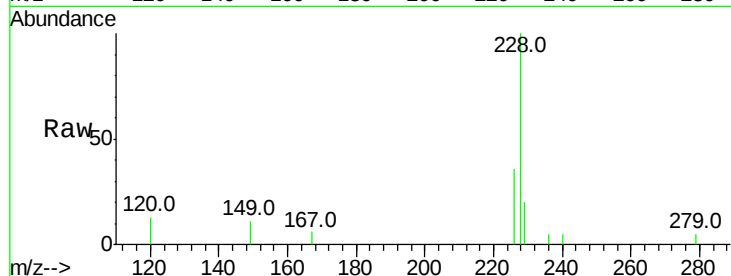
Tot Ion:228 Resp: 2162

Ion Ratio Lower Upper

228 100

226 36.2 19.7 29.5#

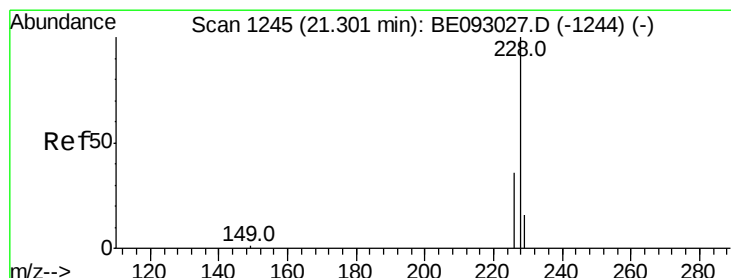
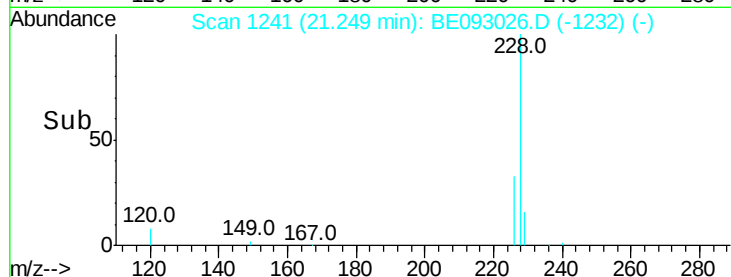
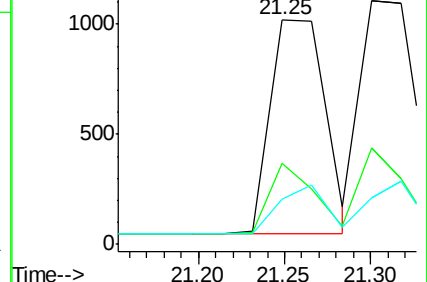
229 20.0 19.2 28.8



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: 0.19 ng

RT: 21.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

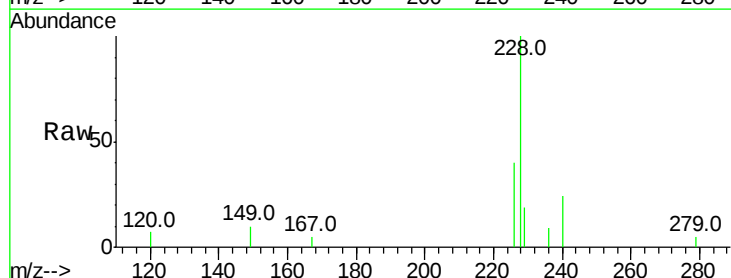
Tgt Ion:228 Resp: 2402

Ion Ratio Lower Upper

228 100

226 39.8 21.5 32.3#

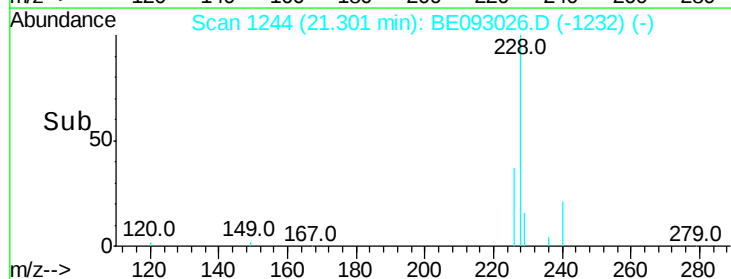
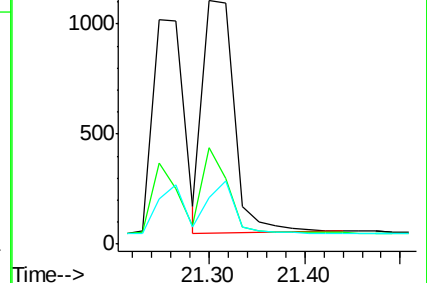
229 19.3 18.6 28.0

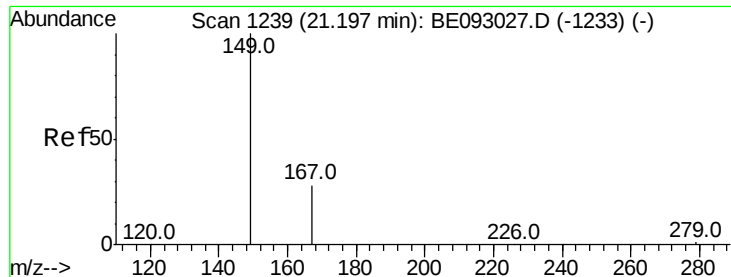


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

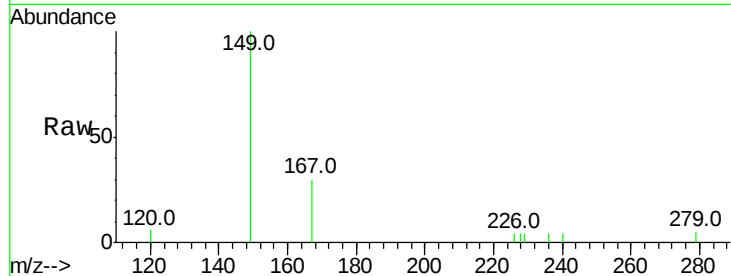
Tot Ion:149 Resp: 1254

Ion Ratio Lower Upper

149 100

167 25.4 20.1 30.1

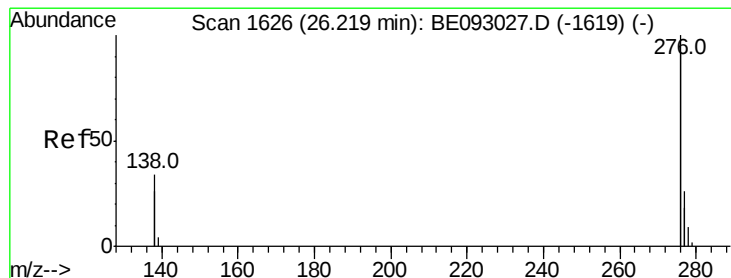
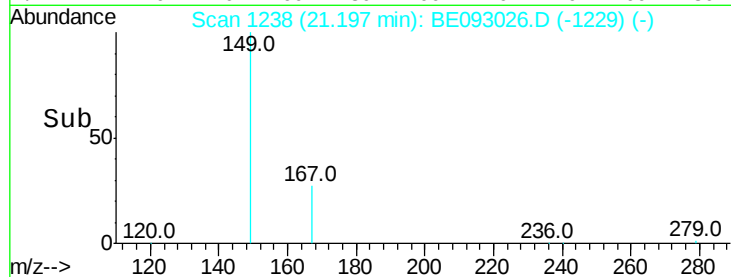
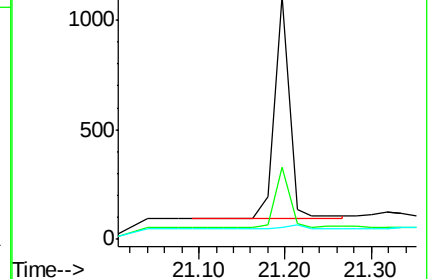
279 2.3 2.2 3.4



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: 0.23 ng

RT: 26.24 min Scan# 1626

Delta R.T. 0.02 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

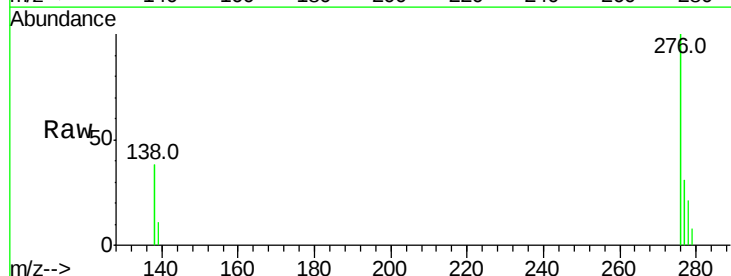
Tgt Ion:276 Resp: 9221

Ion Ratio Lower Upper

276 100

138 34.4 27.4 41.2

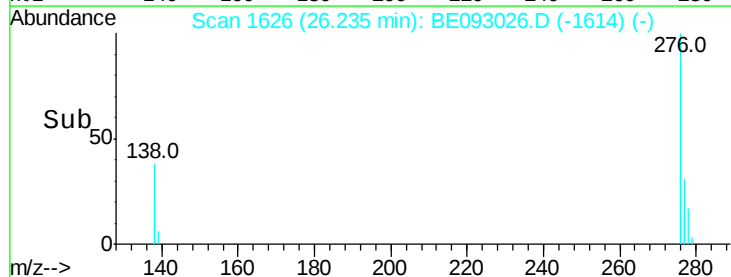
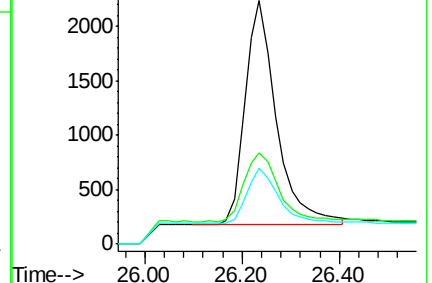
277 25.1 20.1 30.1

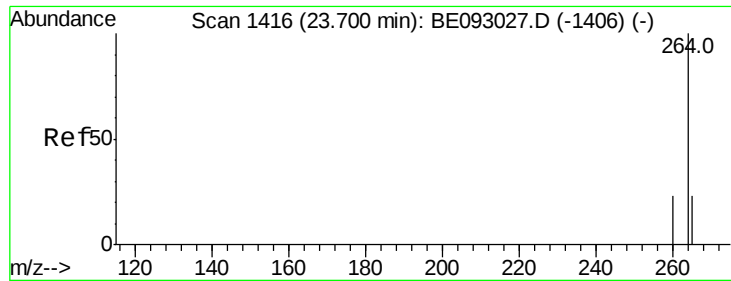


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

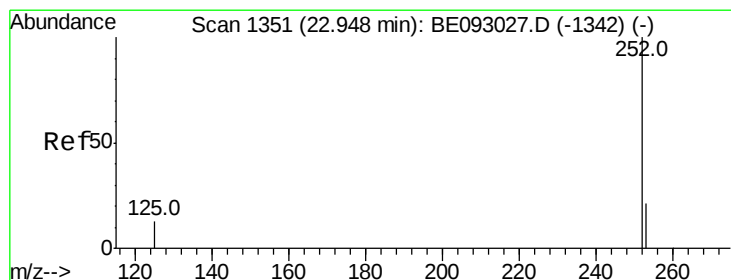
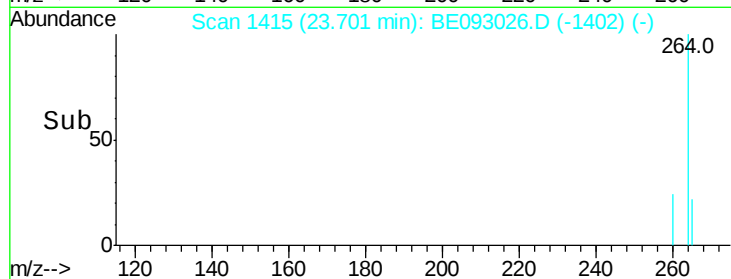
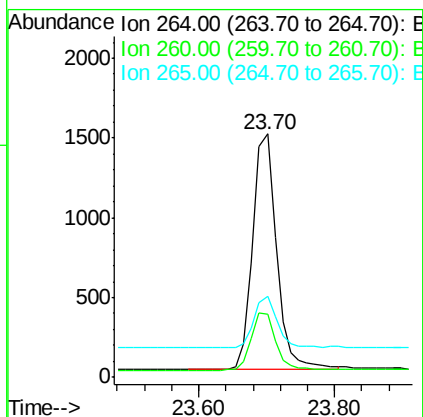
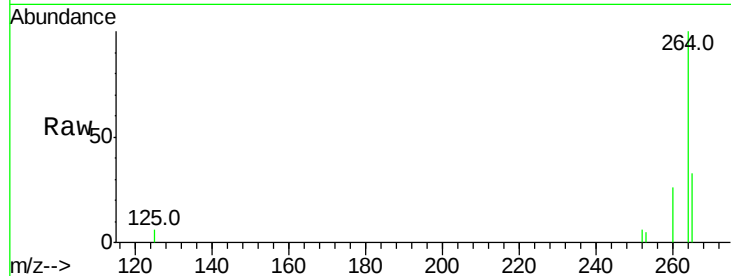




#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

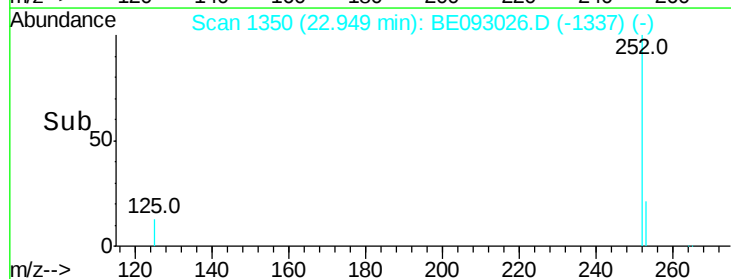
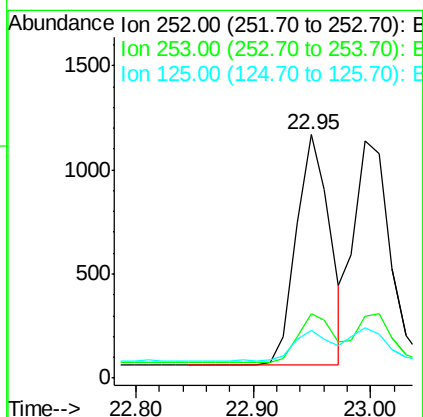
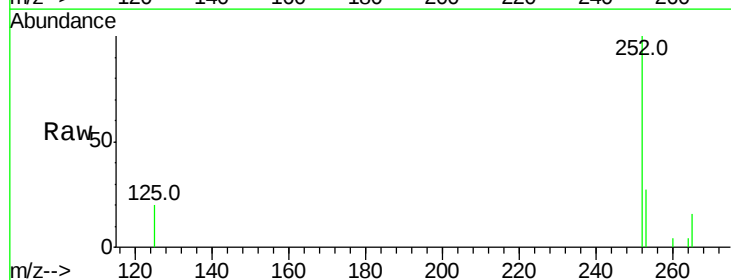
Instrument :
BNA_E
ClientSampleId :

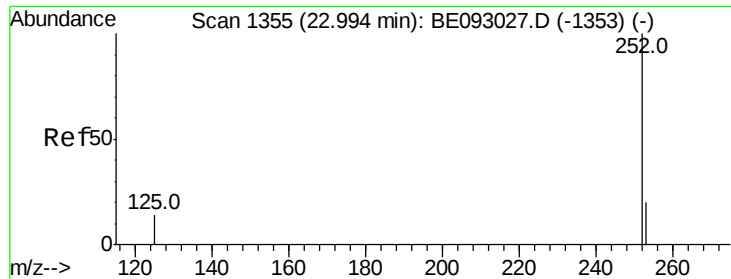
Tot Ion:264 Resp: 3591
Ion Ratio Lower Upper
264 100
260 25.8 21.0 31.4
265 33.4 24.6 36.8



#35
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 22.95 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BE093026.D
Acq: 15 May 2017 9:48

Tgt Ion:252 Resp: 2200
Ion Ratio Lower Upper
252 100
253 26.7 18.5 27.7
125 19.8 13.4 20.0





#36

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 23.00 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampleId :

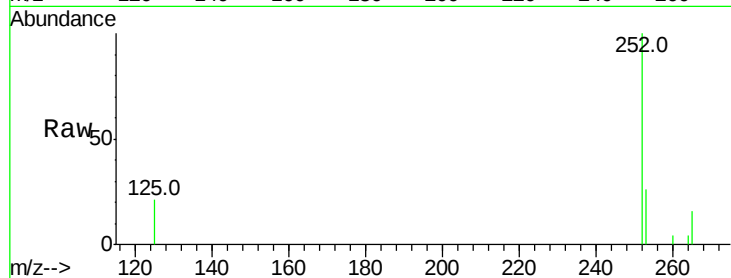
Tot Ion:252 Resp: 2281

Ion Ratio Lower Upper

252 100

253 26.1 20.3 30.5

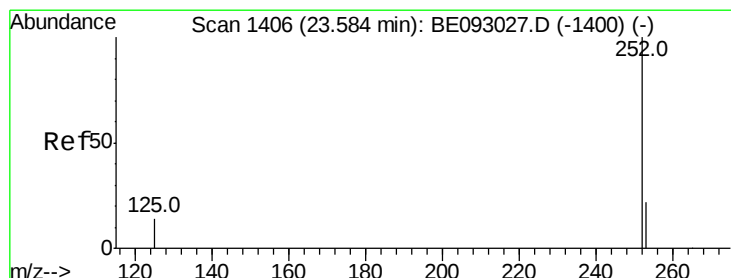
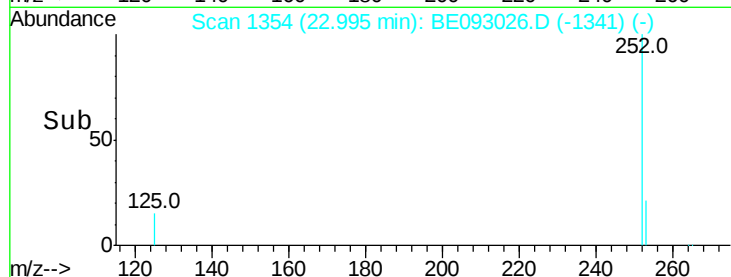
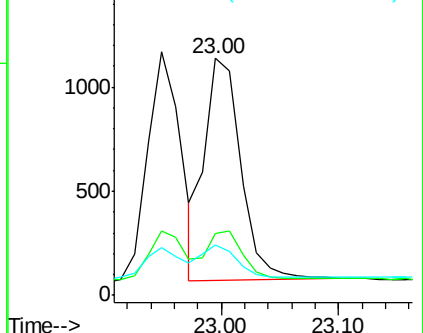
125 21.2 12.2 18.4#



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: 0.20 ng

RT: 23.59 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

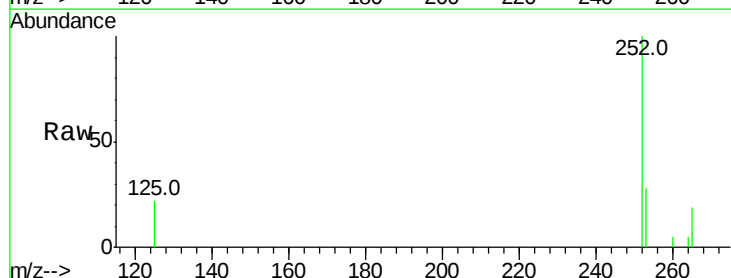
Tgt Ion:252 Resp: 2065

Ion Ratio Lower Upper

252 100

253 28.0 19.9 29.9

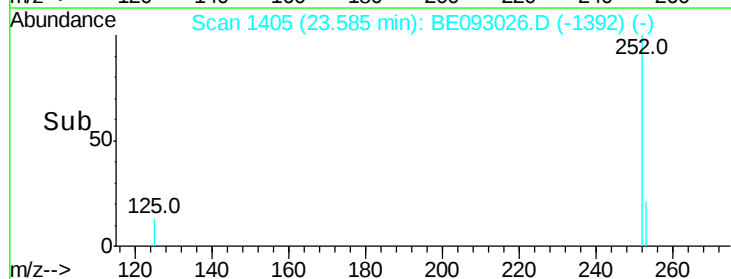
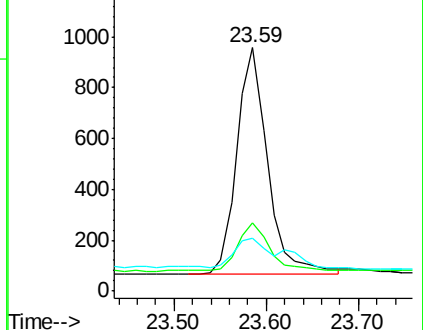
125 21.9 14.6 21.8#

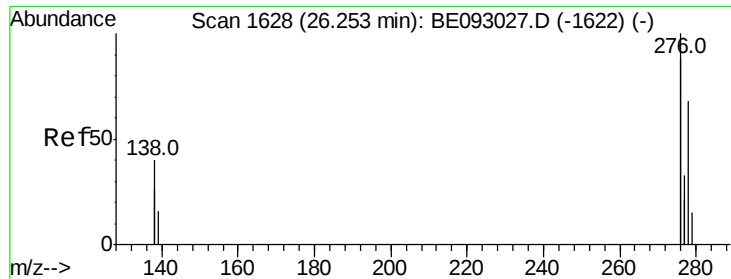


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.21 ng

RT: 26.27 min Scan# 1628

Delta R.T. 0.02 min

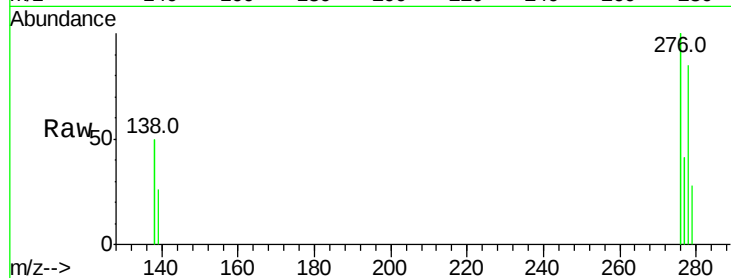
Lab File: BE093026.D

Acq: 15 May 2017 9:48

Instrument :

BNA_E

ClientSampled :



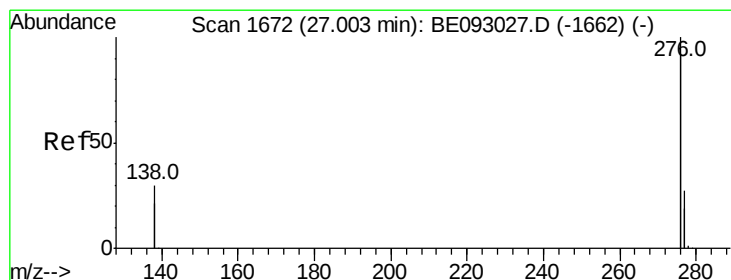
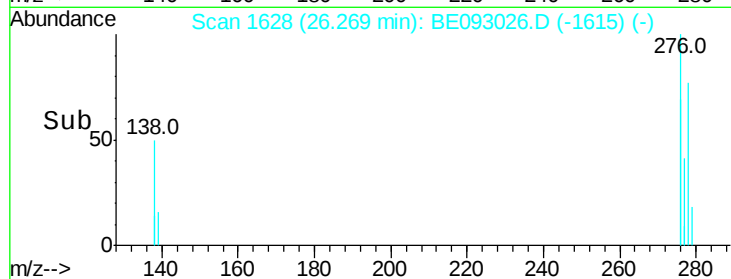
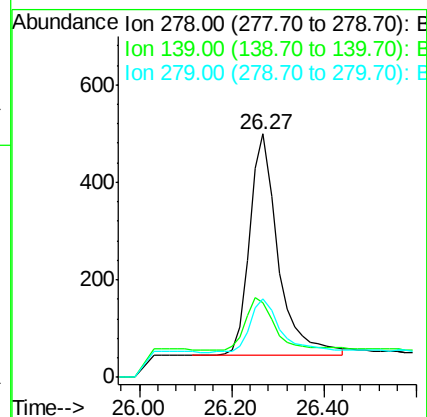
Tot Ion:278 Resp: 1935

Ion Ratio Lower Upper

278 100

139 30.7 21.4 32.0

279 32.3 22.2 33.2



#39

Benzo(g,h,i)perylene

Concen: 0.21 ng

RT: 27.00 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE093026.D

Acq: 15 May 2017 9:48

Tgt Ion:276 Resp: 8647

Ion Ratio Lower Upper

276 100

277 28.8 21.2 31.8

138 35.1 24.5 36.7

