

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093041.D
 Acq On : 15 May 2017 19:18
 Operator : SJ/MA
 Sample : I3079-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 01:13:20 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	1039	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4454	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2476	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	6602	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6386	0.40	ng	0.00
34) Perylene-d12	23.69	264	5485	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	549	0.17	ng	0.00
5) Phenol-d6	6.92	99	487	0.11	ng	0.00
8) Nitrobenzene-d5	8.88	82	1947	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2121	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	331	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4314	0.42	ng	0.00
25) Fluoranthene-d10	19.14	212	5766	0.33	ng	0.00
29) Terphenyl-d14	19.74	244	7611	0.64	ng	0.00

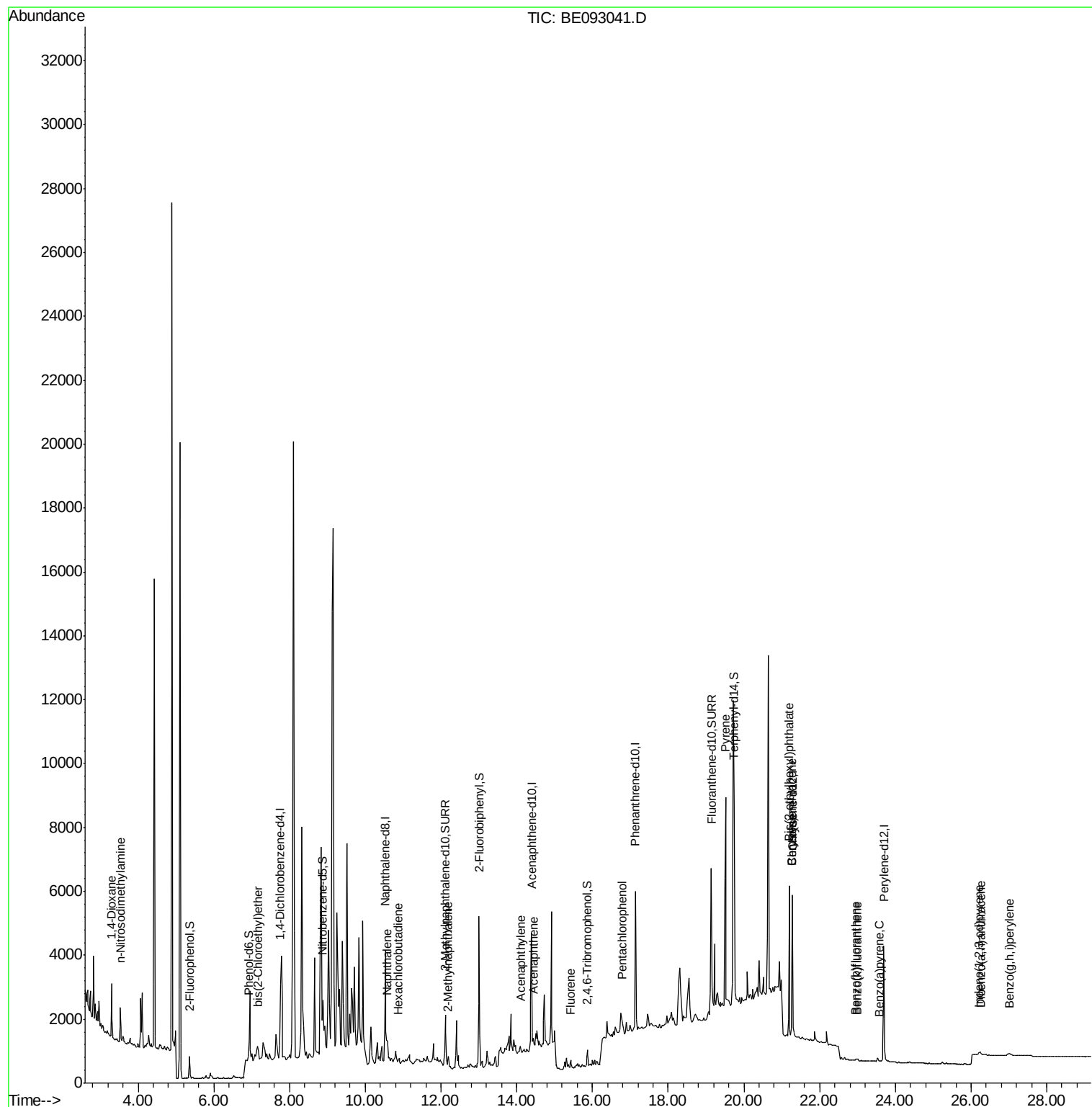
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	883	0.43	ng	# 70
3) n-Nitrosodimethylamine	3.54	42	226	0.12	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	339	0.10	ng	# 98
9) Naphthalene	10.58	128	959	0.08	ng	# 42
10) Hexachlorobutadiene	10.87	225	1	0.00	ng	# 35
12) 2-Methylnaphthalene	12.19	142	278	0.04	ng	# 83
16) Acenaphthylene	14.10	152	311	0.01	ng	# 30
17) Acenaphthene	14.44	154	57	0.01	ng	# 1
18) Fluorene	15.43	166	187	0.02	ng	# 93
21) Hexachlorobenzene	16.47	284	12	Below Cal	#	100
22) Pentachlorophenol	16.79	266	21	0.00	ng	# 83
23) Phenanthrene	17.16	178	216	Below Cal	#	1
24) Anthracene	17.27	178	150	Below Cal	#	52
28) Pyrene	19.51	202	365	0.00	ng	# 1
30) Benzo(a)anthracene	21.27	228	123	0.01	ng	# 1
31) Chrysene	21.27	228	176	0.01	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.20	149	4436	0.50	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.22	276	235	0.00	ng	# 48
35) Benzo(b)fluoranthene	22.95	252	50	0.00	ng	# 1
36) Benzo(k)fluoranthene	22.99	252	33	0.00	ng	# 1
37) Benzo(a)pyrene	23.57	252	28	0.00	ng	# 1
38) Dibenzo(a,h)anthracene	26.25	278	40	0.00	ng	# 1
39) Benzo(g,h,i)perylene	27.00	276	176	0.00	ng	# 1

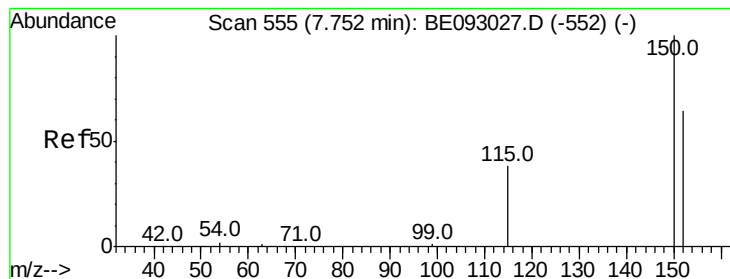
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

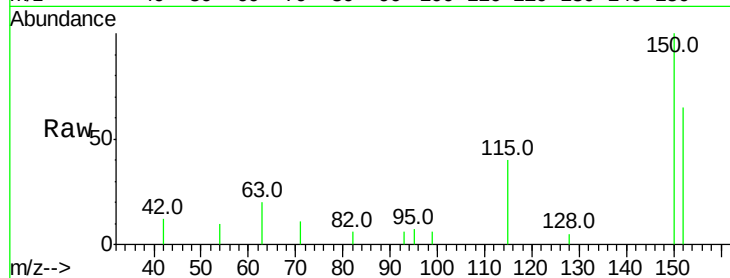
Tot Ion:152 Resp: 1039

Ion Ratio Lower Upper

152 100

150 155.0 125.1 187.7

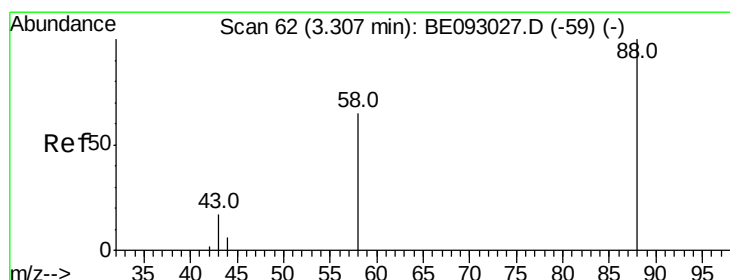
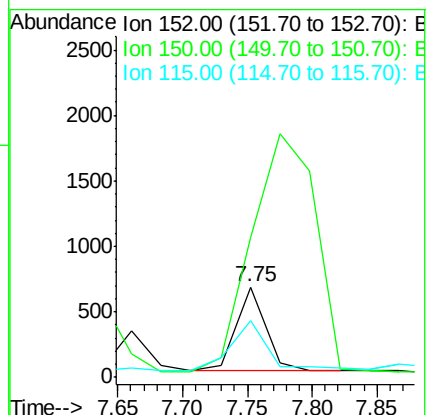
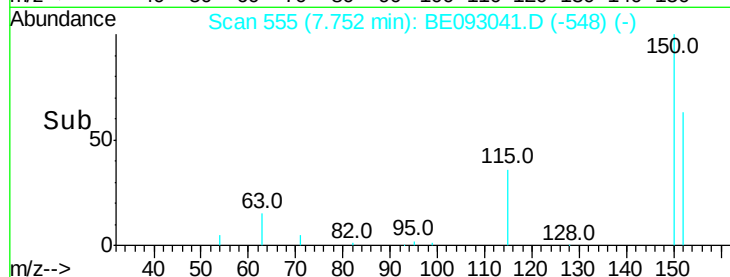
115 62.1 55.7 83.5



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: 0.43 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

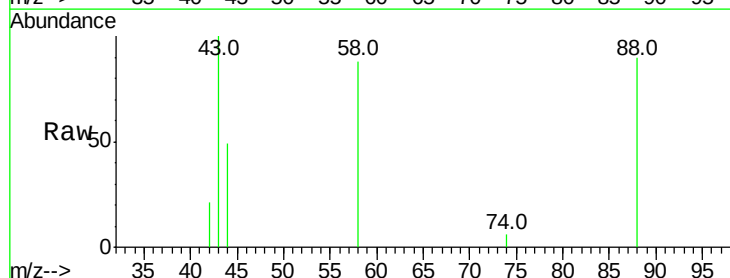
Tgt Ion: 88 Resp: 883

Ion Ratio Lower Upper

88 100

58 86.0 62.2 93.4

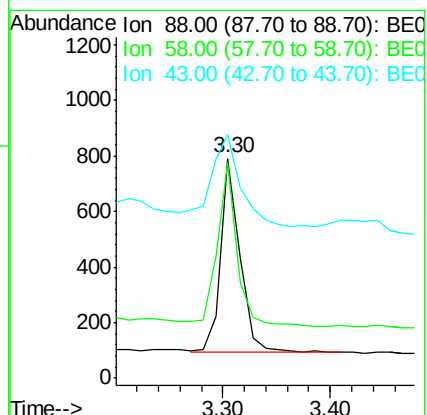
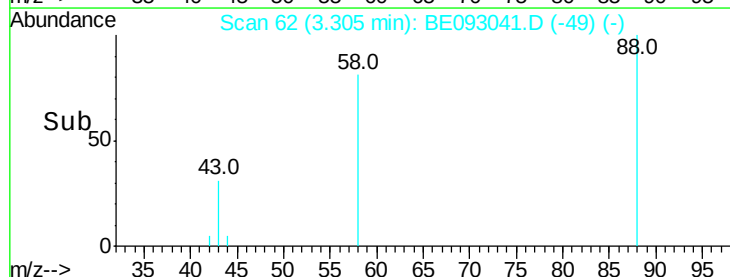
43 75.3 23.2 34.8#

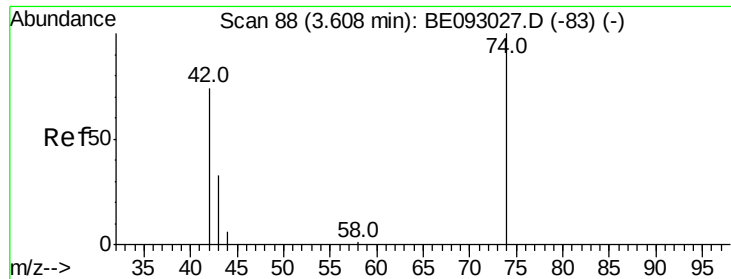


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 3.54 min Scan# 82

Delta R.T. -0.07 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampled :

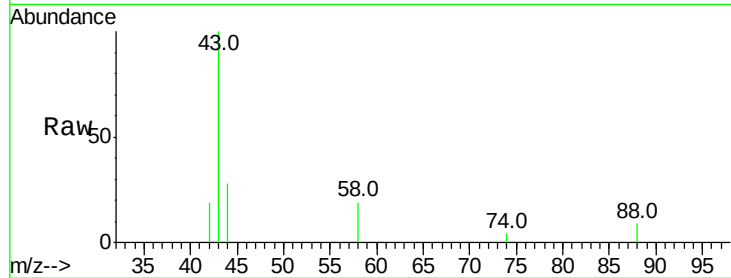
Tot Ion: 42 Resp: 226

Ion Ratio Lower Upper

42 100

74 1.3 99.1 148.7#

44 21.7 7.4 11.2#

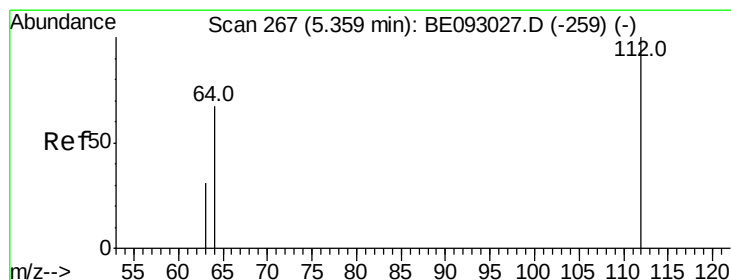
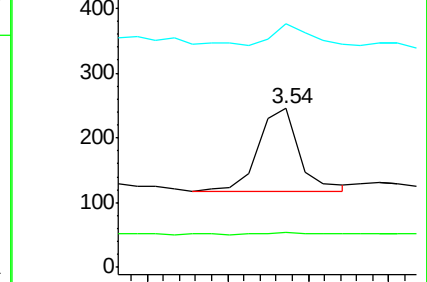
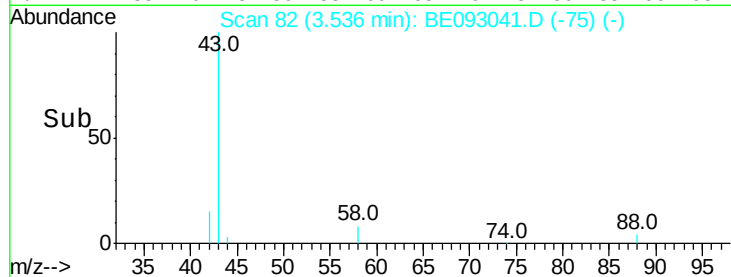


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.17 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

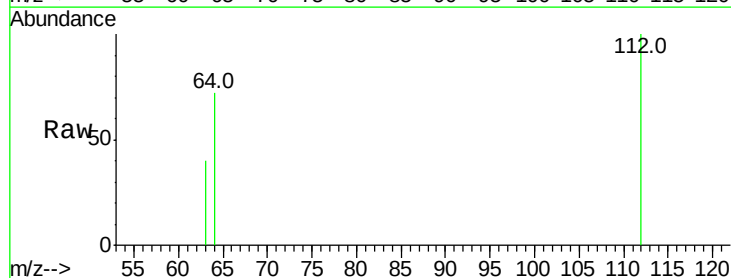
Tgt Ion: 112 Resp: 549

Ion Ratio Lower Upper

112 100

64 65.0 56.4 84.6

63 34.6 29.3 43.9

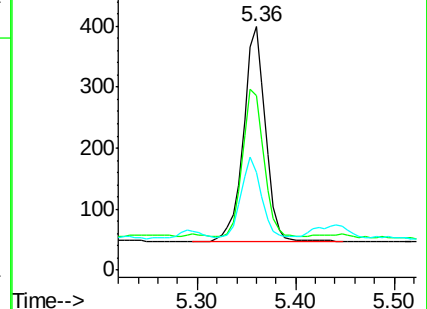
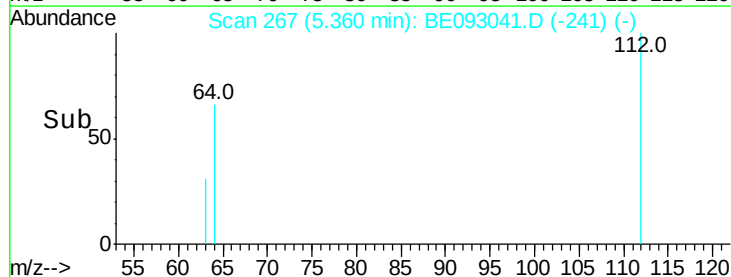


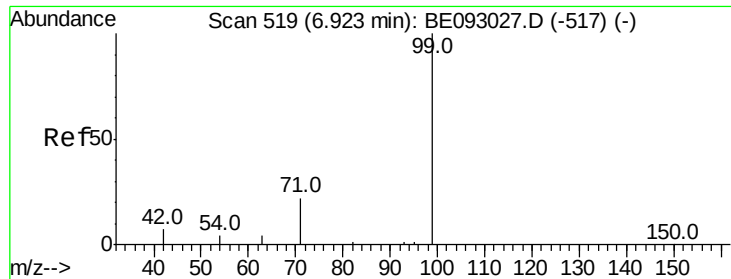
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.11 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

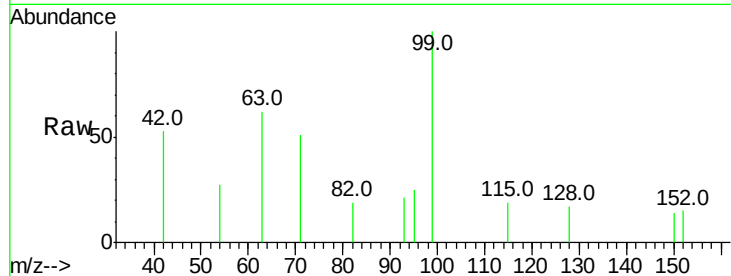
Tot Ion: 99 Resp: 487

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

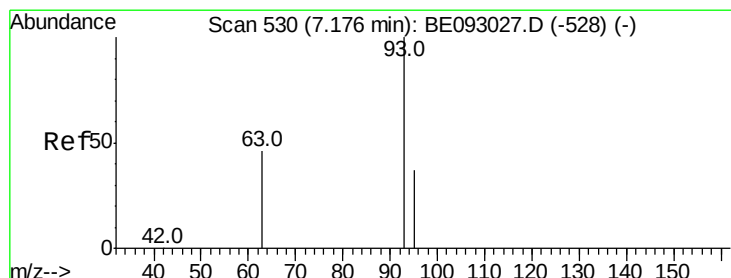
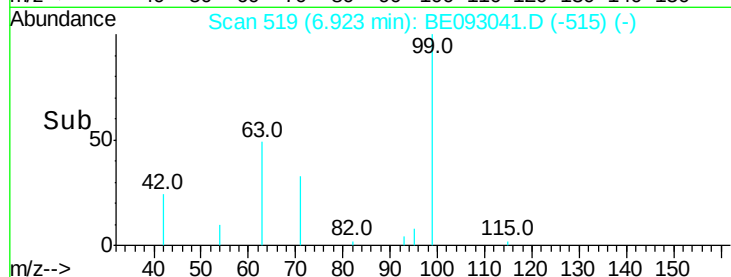
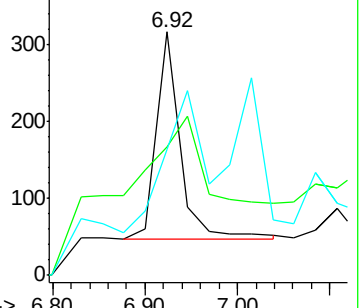
71 0.0 0.0 0.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.18 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

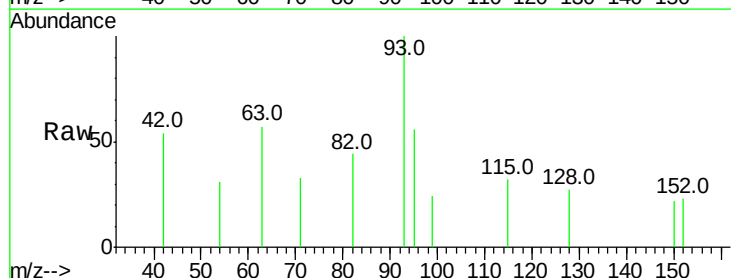
Tgt Ion: 93 Resp: 339

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

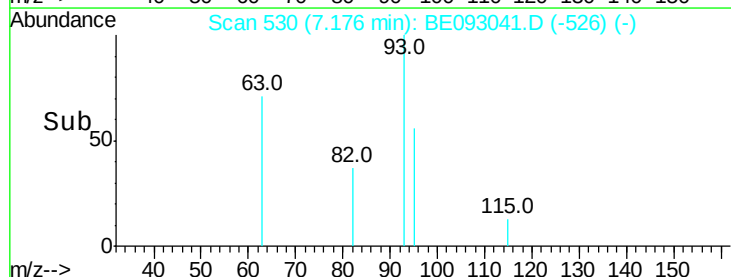
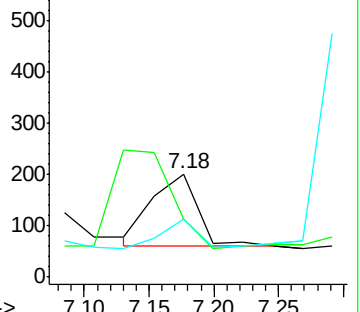
95 33.0 25.4 38.0

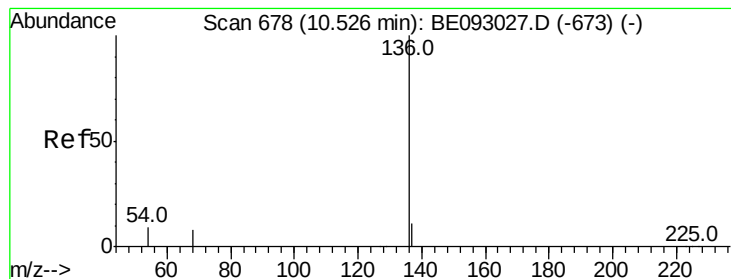


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4454

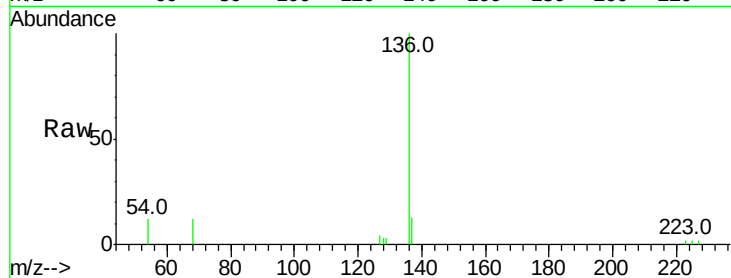
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 11.6 10.3 15.5

68 11.7 9.0 13.4

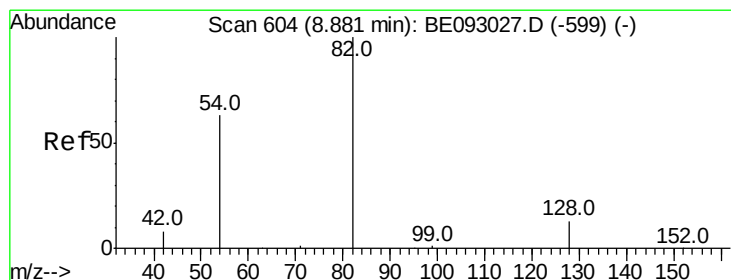
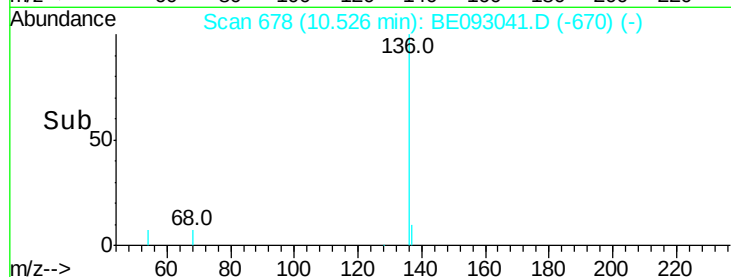
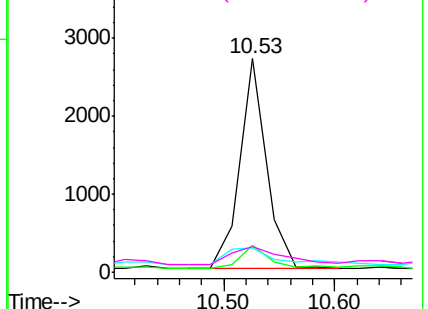


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.50 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

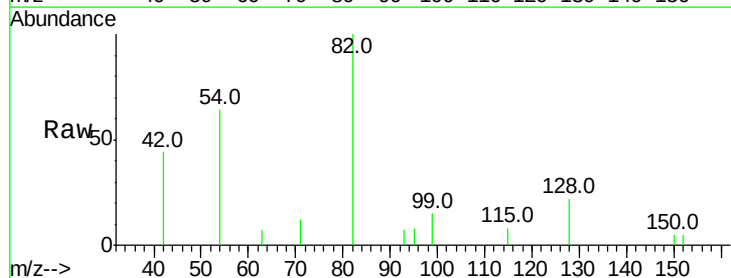
Tgt Ion: 82 Resp: 1947

Ion Ratio Lower Upper

82 100

128 22.3 17.0 25.4

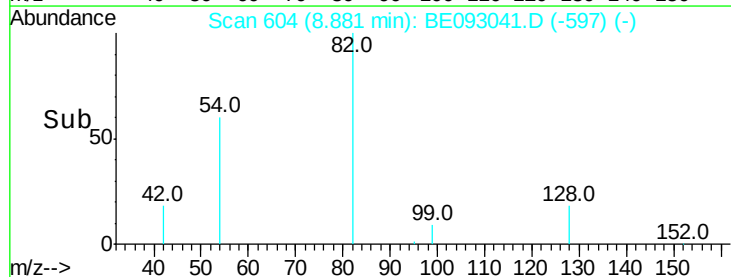
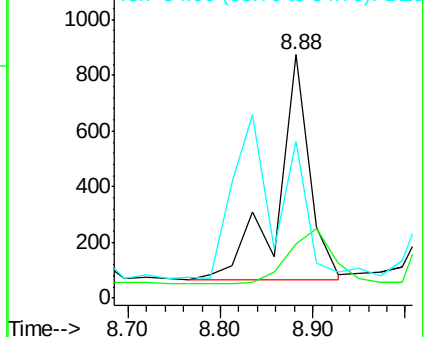
54 64.3 53.8 80.6

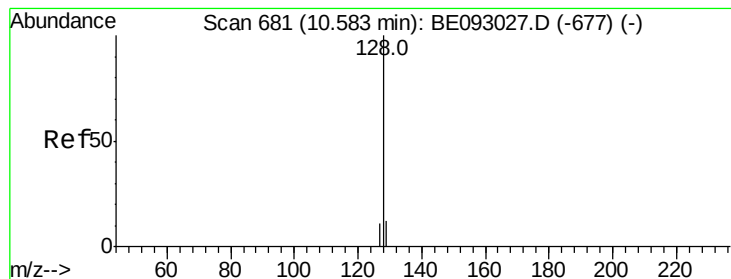


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.08 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampled :

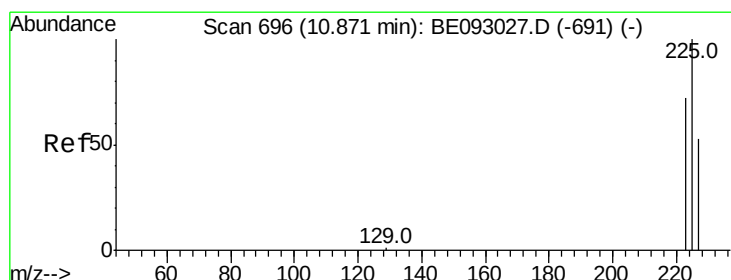
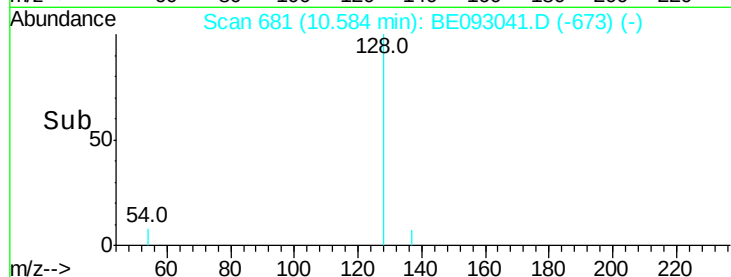
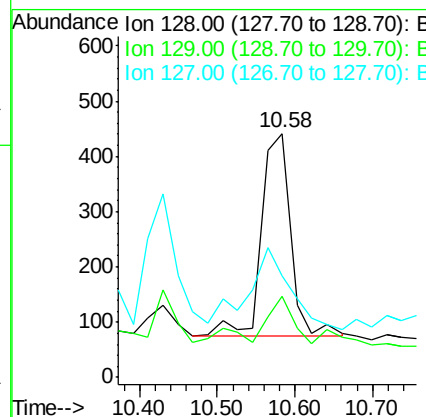
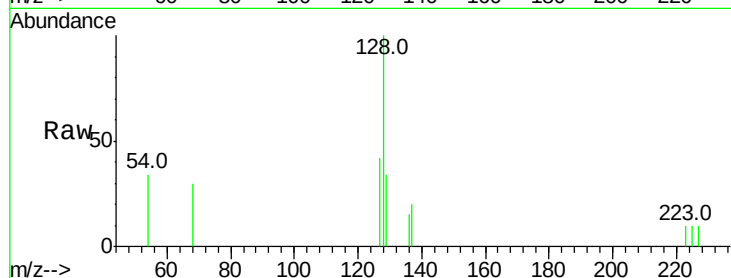
Tot Ion:128 Resp: 959

Ion Ratio Lower Upper

128 100

129 33.6 11.4 17.0#

127 42.0 11.2 16.8#



#10

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

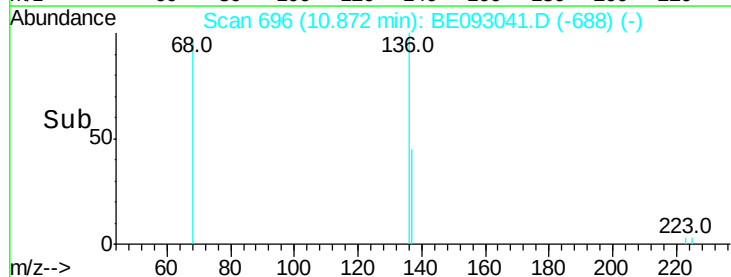
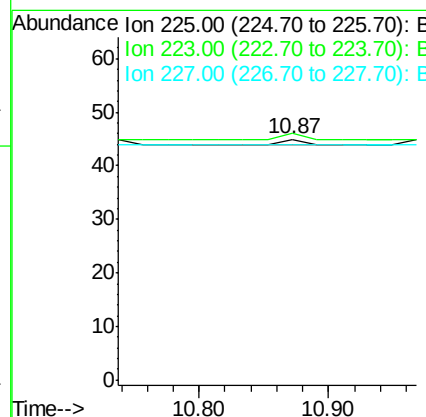
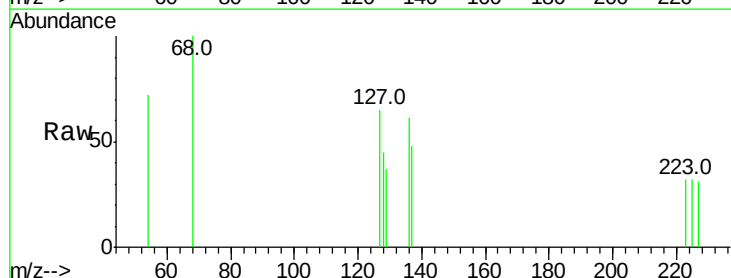
Tgt Ion:225 Resp: 1

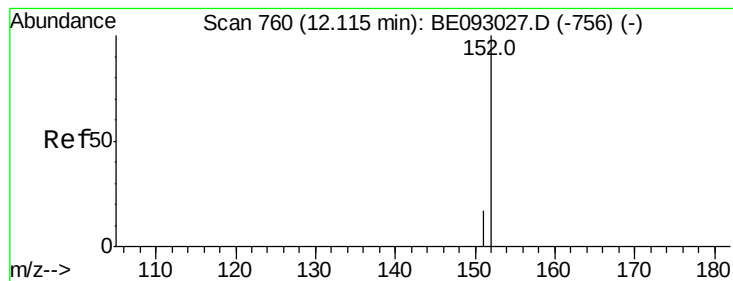
Ion Ratio Lower Upper

225 100

223 100.0 49.7 74.5#

227 0.0 50.3 75.5#

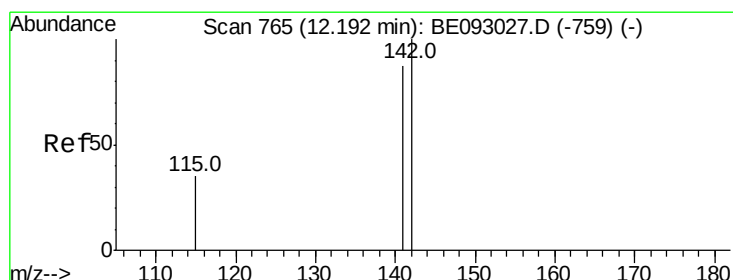
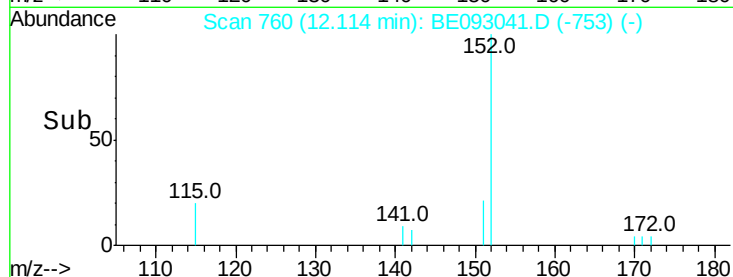
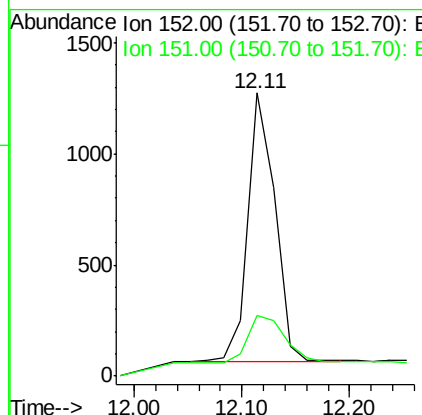
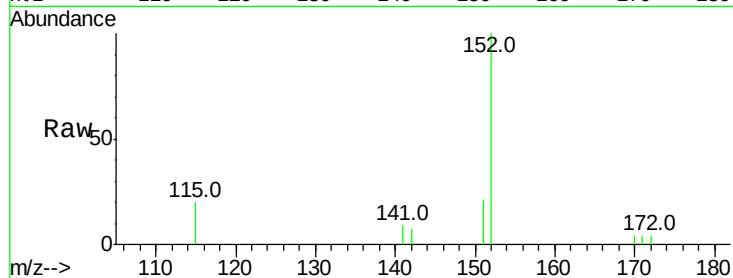




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

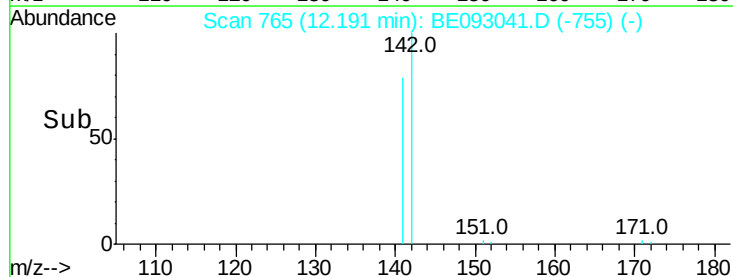
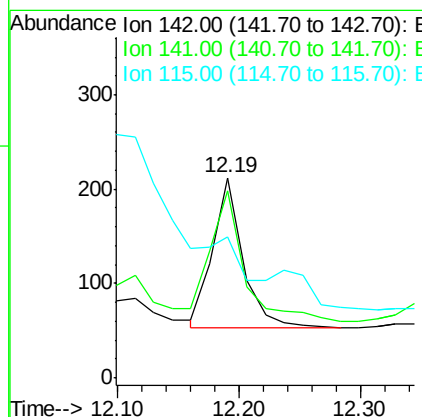
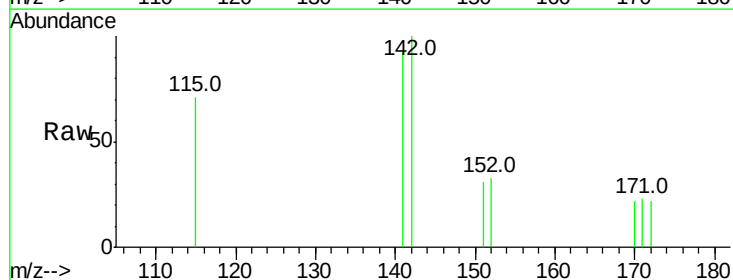
Instrument :
BNA_E
ClientSampled :

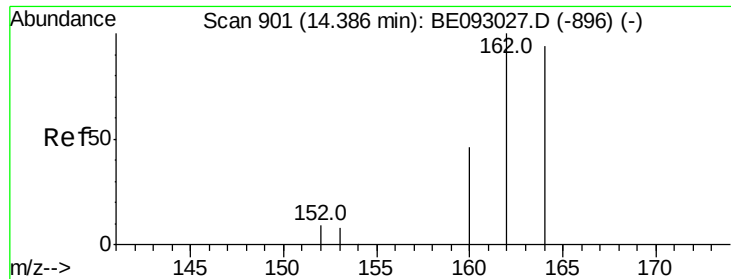
Tot Ion:152 Resp: 2121
Ion Ratio Lower Upper
152 100
151 24.1 15.1 22.7#



#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:142 Resp: 278
Ion Ratio Lower Upper
142 100
141 93.4 72.6 108.8
115 70.8 32.2 48.2#

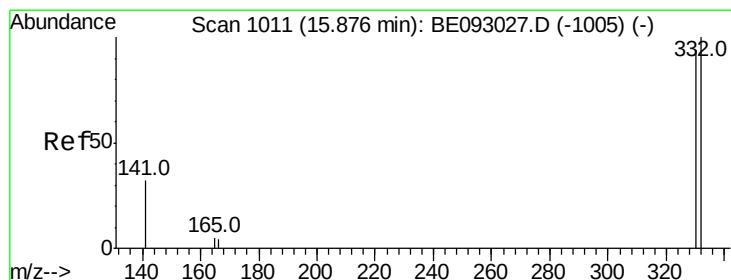
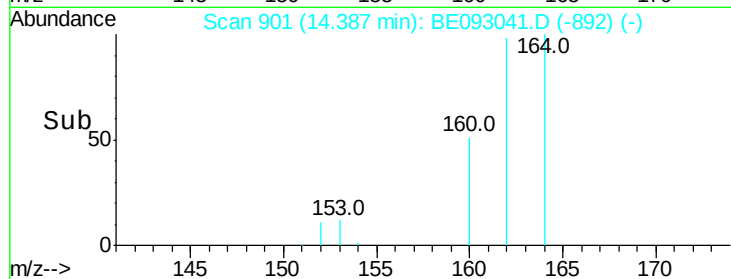
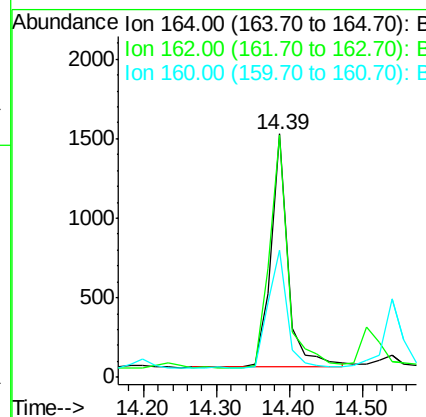
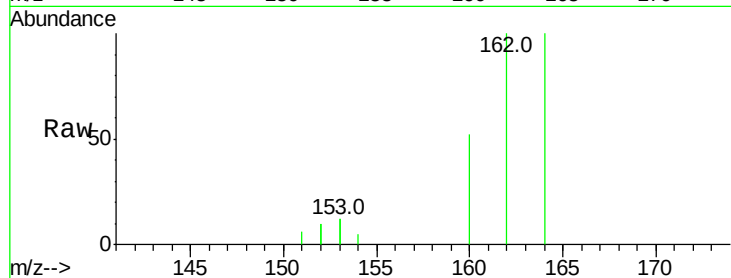




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

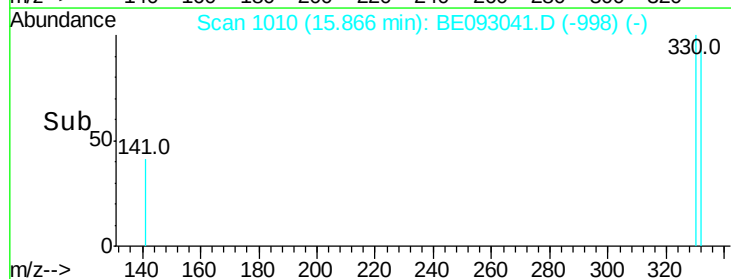
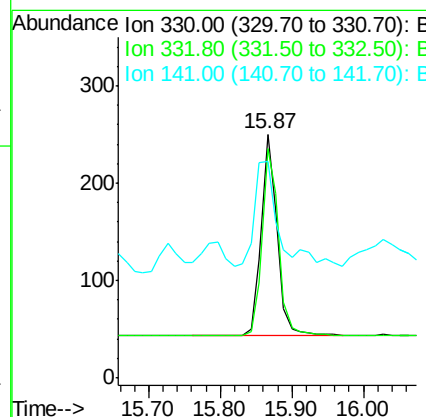
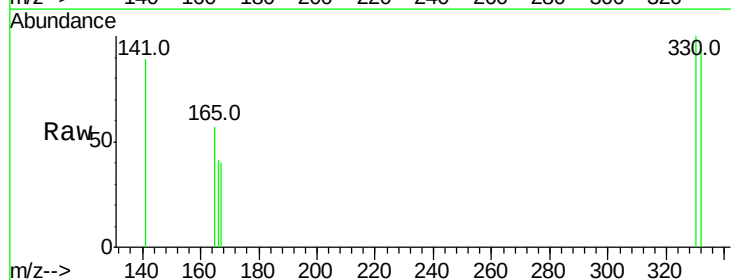
Instrument :
BNA_E
ClientSampleId :

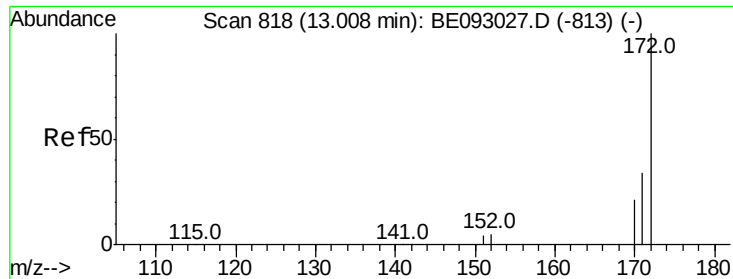
Tot Ion:164 Resp: 2476
Ion Ratio Lower Upper
164 100
162 99.6 84.6 127.0
160 52.3 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:330 Resp: 331
Ion Ratio Lower Upper
330 100
332 95.2 77.7 116.5
141 77.0 56.2 84.4

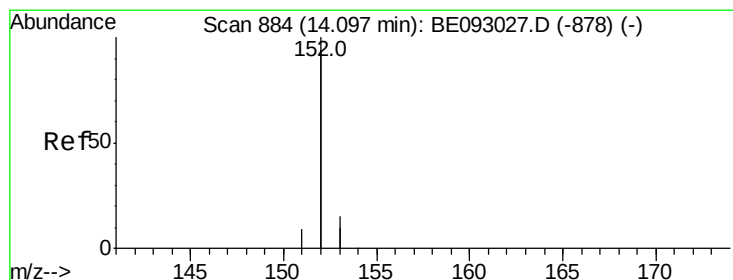
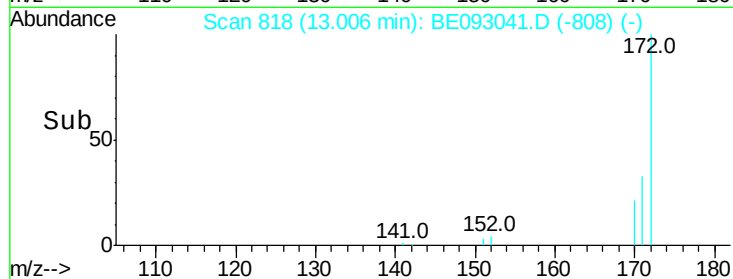
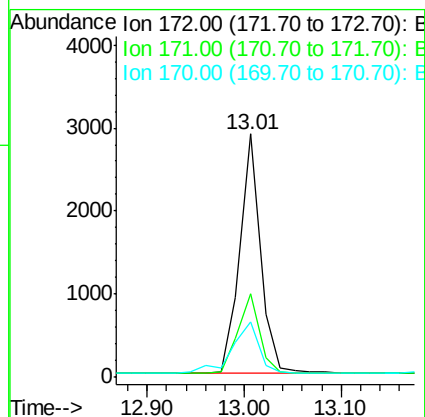
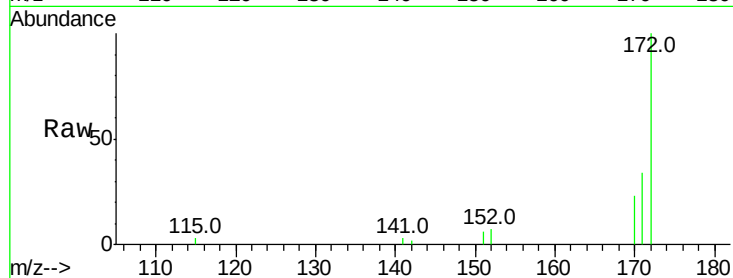




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

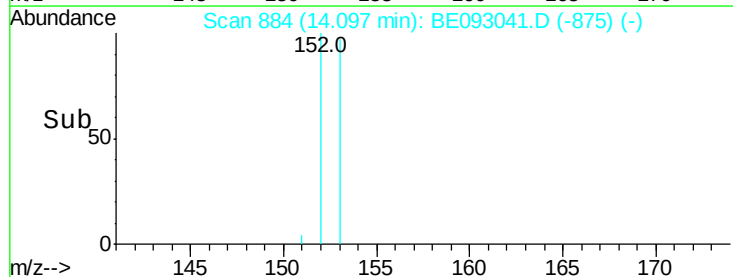
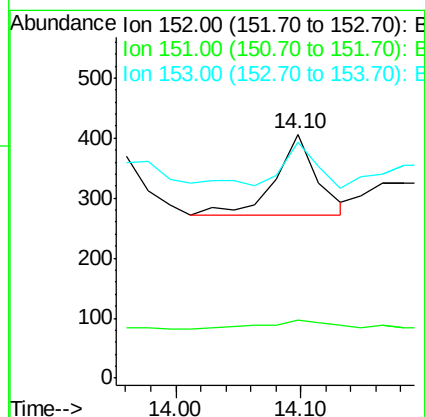
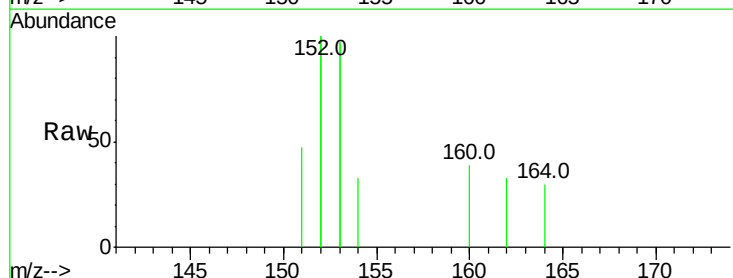
Instrument :
BNA_E
ClientSampleId :

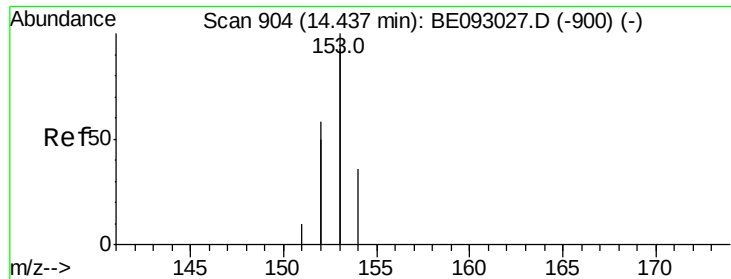
Tot Ion:172 Resp: 4314
Ion Ratio Lower Upper
172 100
171 34.4 29.8 44.6
170 22.7 20.7 31.1



#16
Acenaphthylene
Concen: 0.01 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:152 Resp: 311
Ion Ratio Lower Upper
152 100
151 19.3 4.0 6.0#
153 44.7 10.3 15.5#





#17

Acenaphthene

Concen: 0.01 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

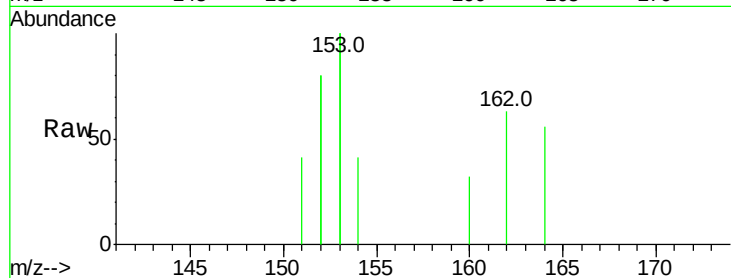
Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampled :



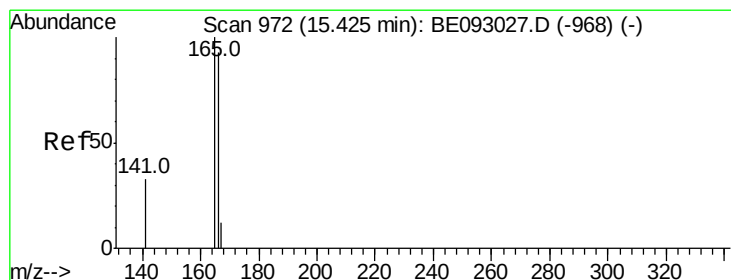
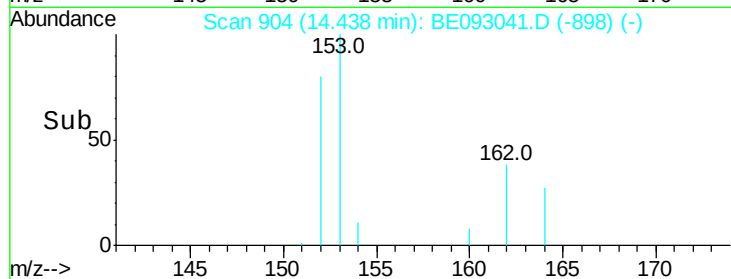
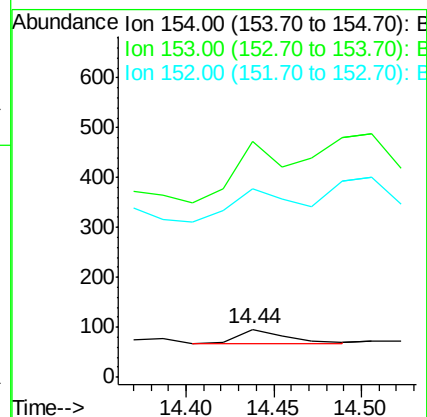
Tot Ion:154 Resp: 57

Ion Ratio Lower Upper

154 100

153 0.0 367.8 551.6#

152 0.0 188.2 282.2#



#18

Fluorene

Concen: 0.02 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

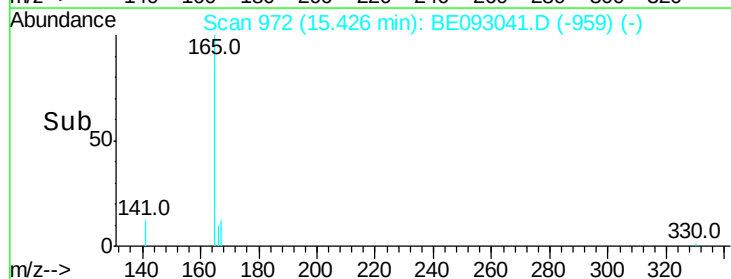
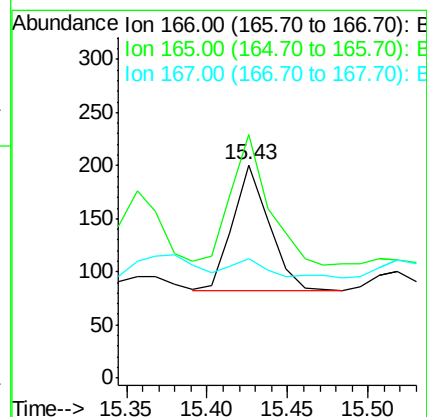
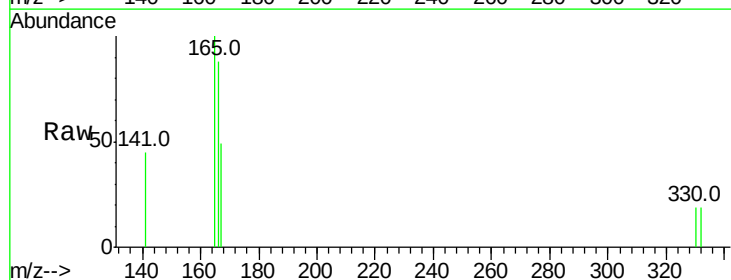
Tgt Ion:166 Resp: 187

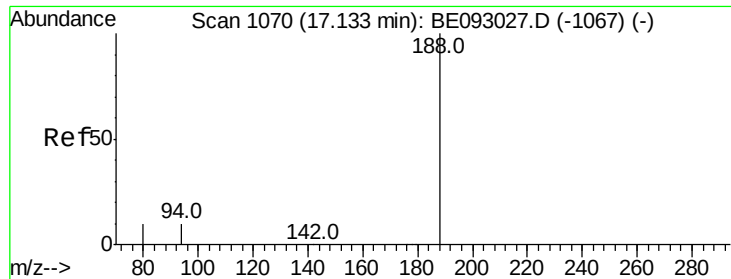
Ion Ratio Lower Upper

166 100

165 105.3 78.6 117.8

167 16.6 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: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

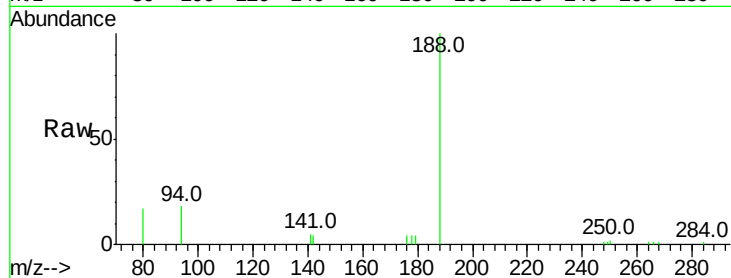
Tot Ion:188 Resp: 6602

Ion Ratio Lower Upper

188 100

94 18.4 11.3 16.9#

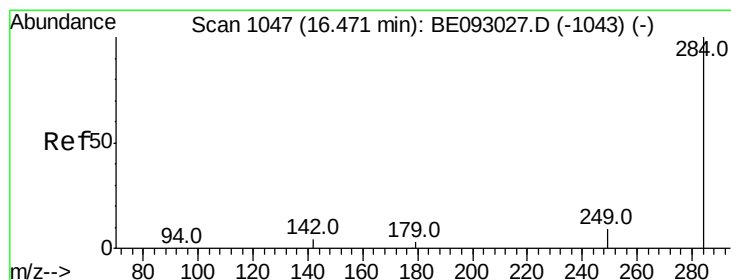
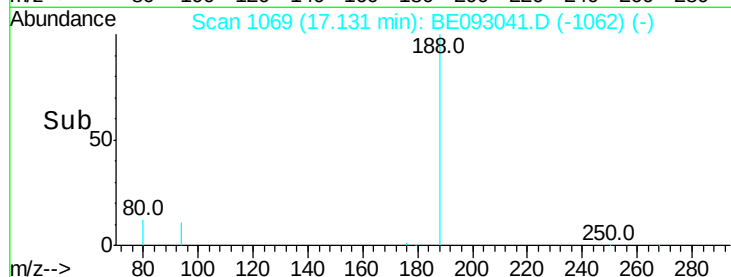
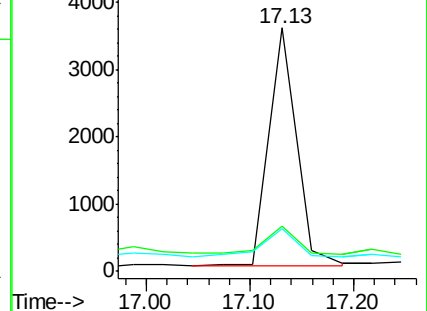
80 17.4 11.7 17.5



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: BE093041.D

Acq: 15 May 2017 19:18

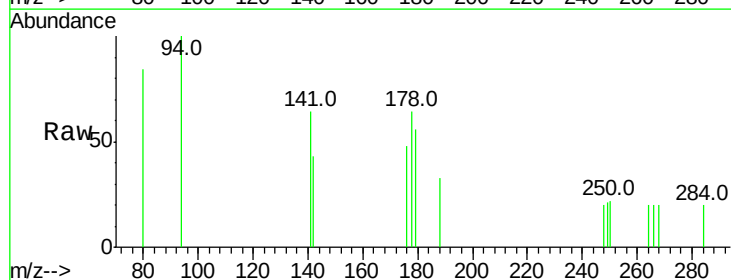
Tgt Ion:284 Resp: 12

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

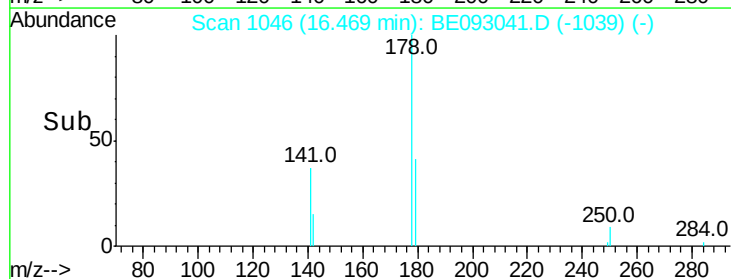
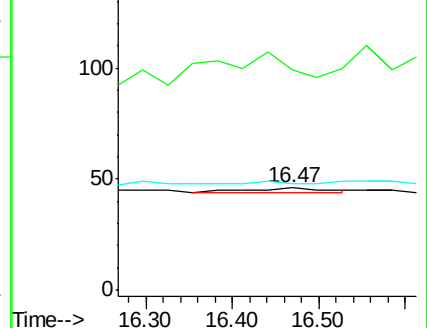
249 0.0 0.0 0.0

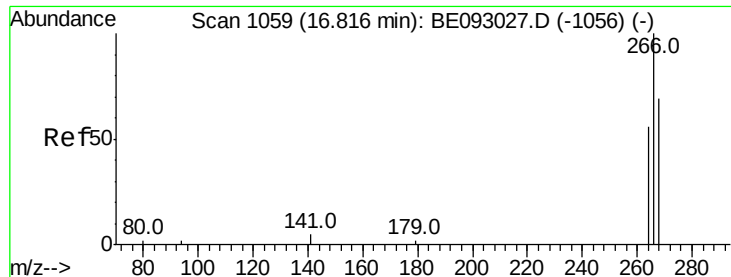


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.00 ng

RT: 16.79 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

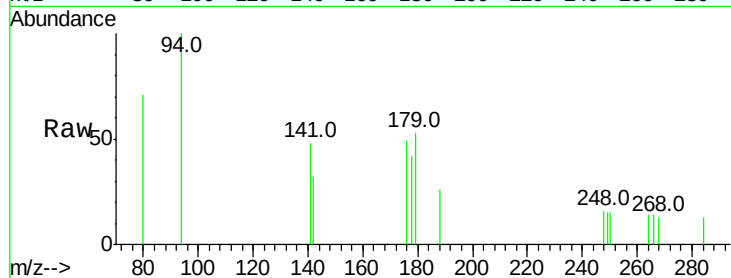
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 98.0 58.2 87.2#

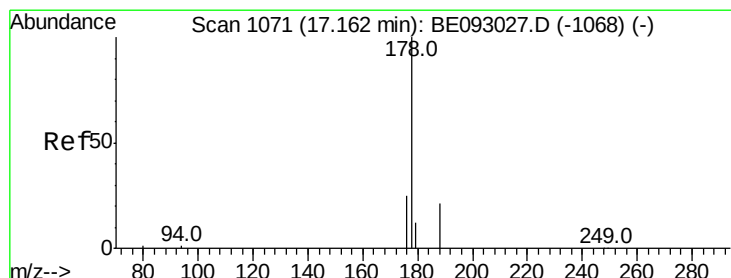
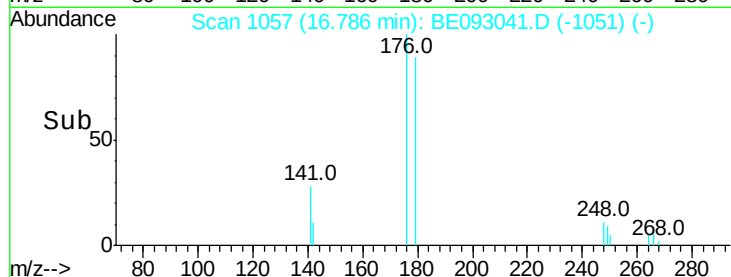
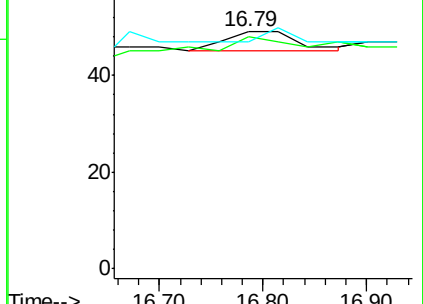
268 95.9 71.9 107.9



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



#23

Phenanthrene

Concen: Below Cal

RT: 17.16 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

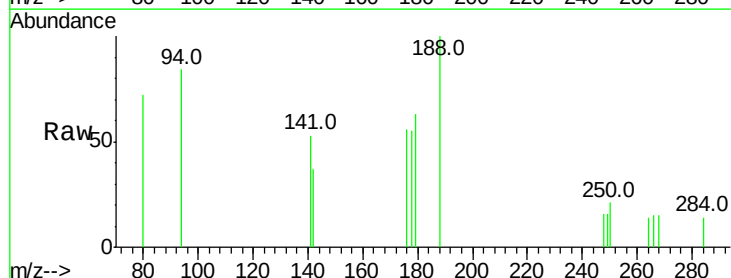
Tgt Ion:178 Resp: 216

Ion Ratio Lower Upper

178 100

176 100.0 15.0 22.4#

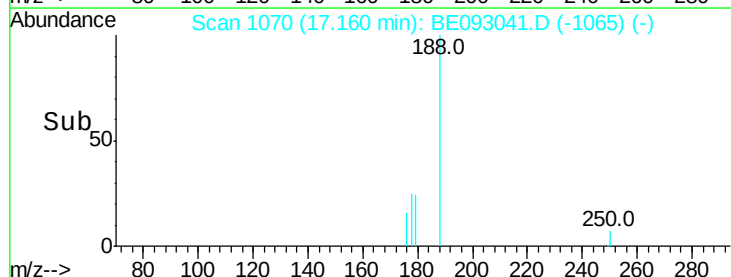
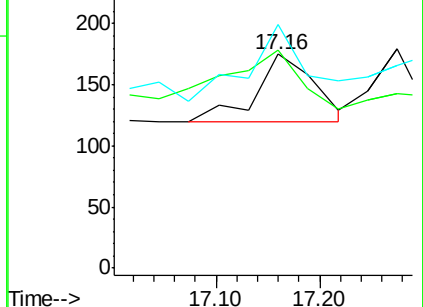
179 110.2 12.7 19.1#

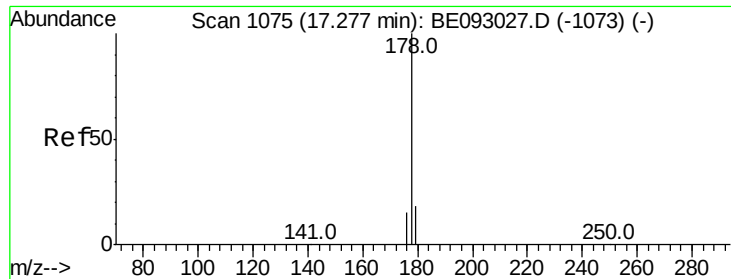


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: Below Cal

RT: 17.27 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

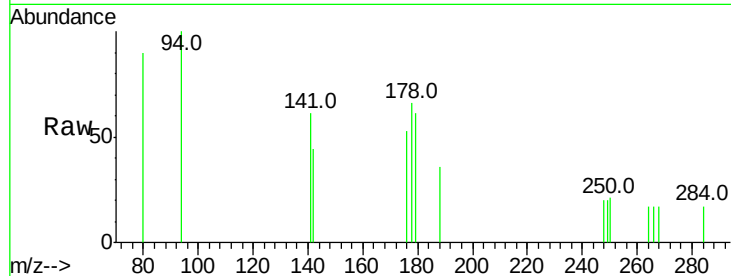
Tot Ion:178 Resp: 150

Ion Ratio Lower Upper

178 100

176 44.0 14.6 22.0#

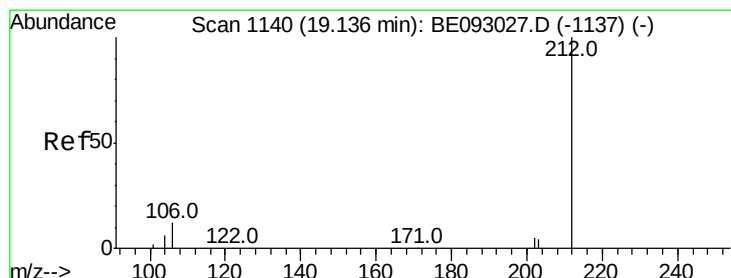
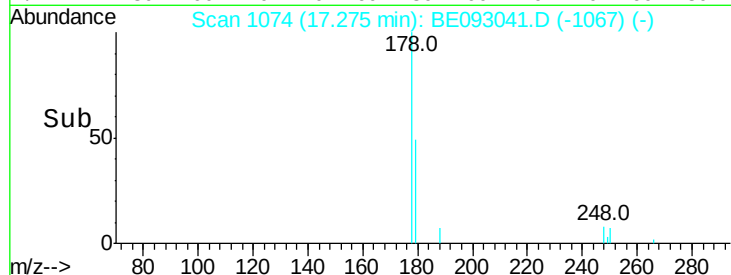
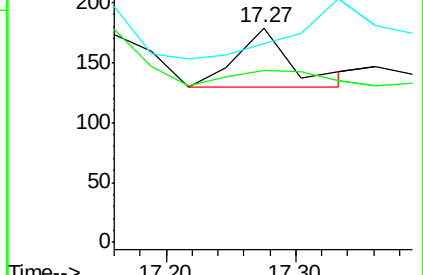
179 0.0 12.0 18.0#



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: 0.33 ng

RT: 19.14 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

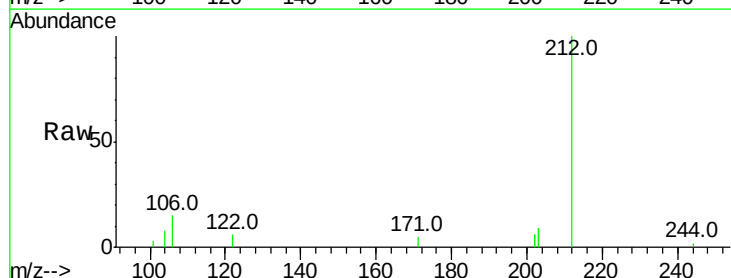
Tgt Ion:212 Resp: 5766

Ion Ratio Lower Upper

212 100

106 16.0 0.0 0.0#

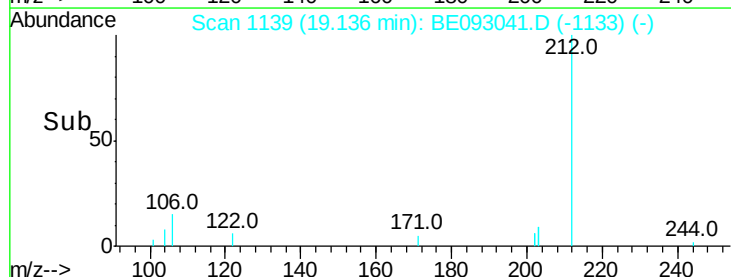
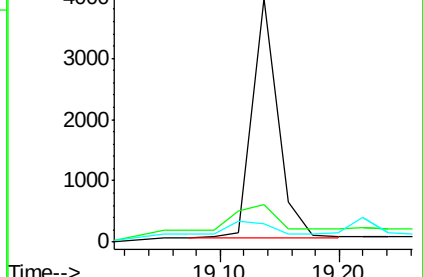
104 0.0 0.0 0.0

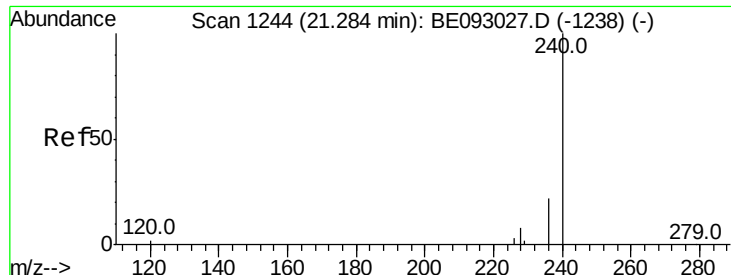


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

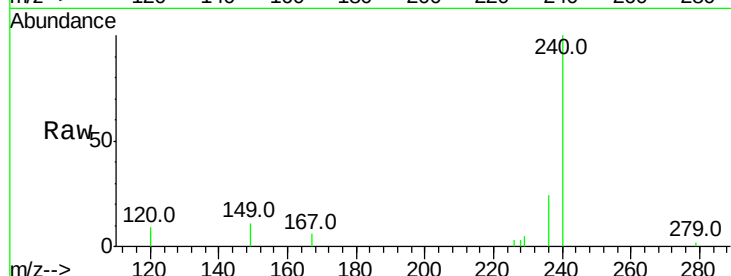
Tot Ion:240 Resp: 6386

Ion Ratio Lower Upper

240 100

120 8.8 4.6 7.0#

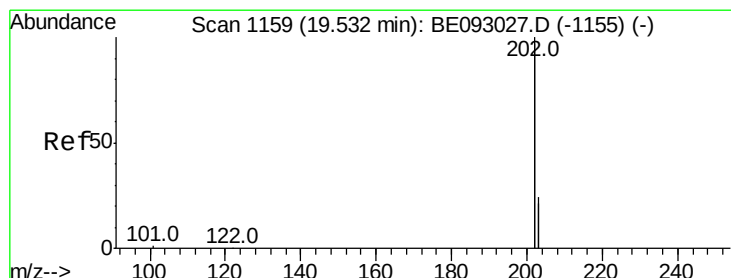
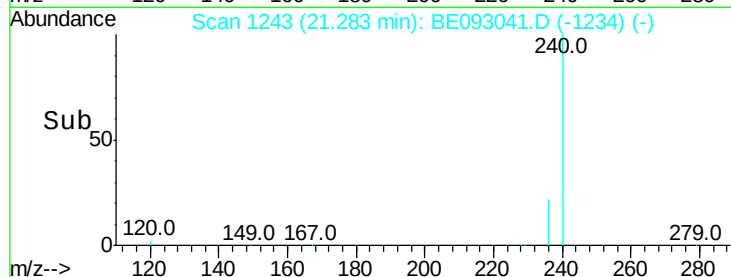
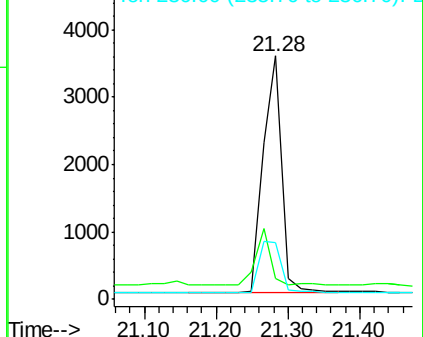
236 23.5 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.00 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

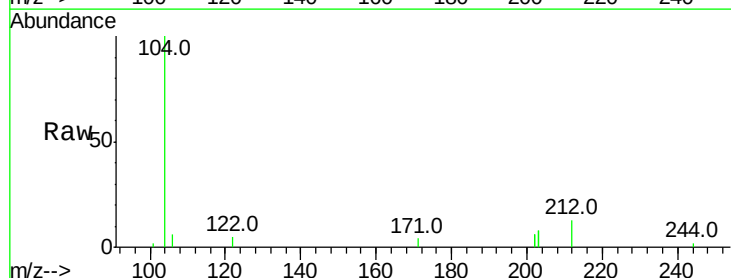
Tgt Ion:202 Resp: 365

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

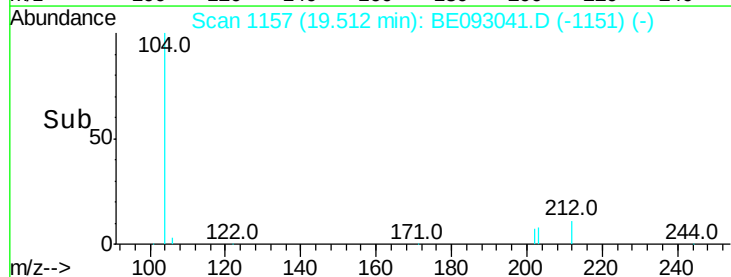
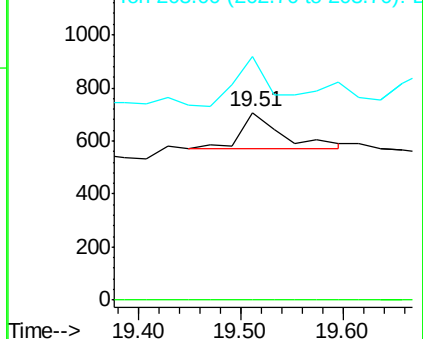
203 123.3 13.7 20.5#

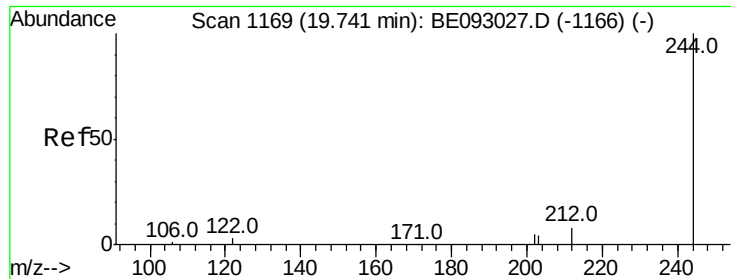


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.64 ng

RT: 19.74 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

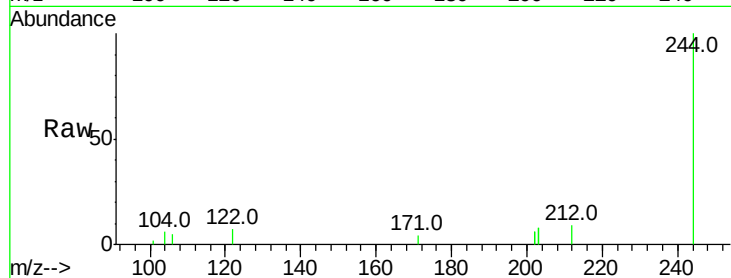
Tot Ion:244 Resp: 7611

Ion Ratio Lower Upper

244 100

212 9.3 10.6 16.0#

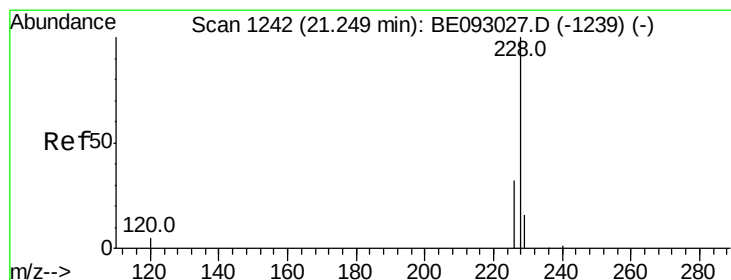
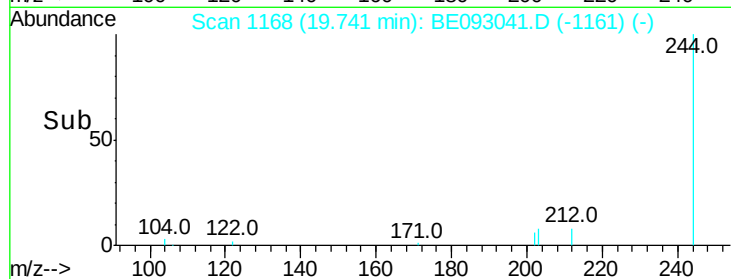
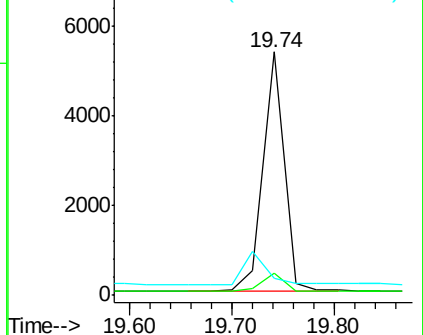
122 7.0 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.27 min Scan# 1242

Delta R.T. 0.02 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

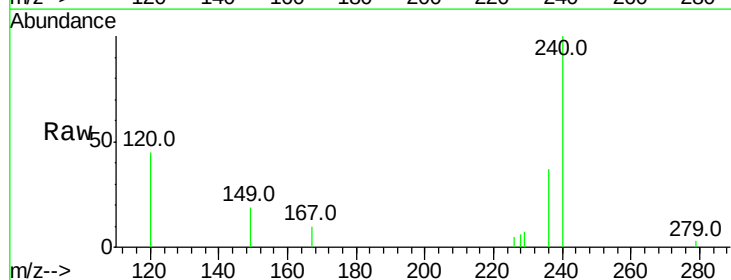
Tgt Ion:228 Resp: 123

Ion Ratio Lower Upper

228 100

226 81.1 19.7 29.5#

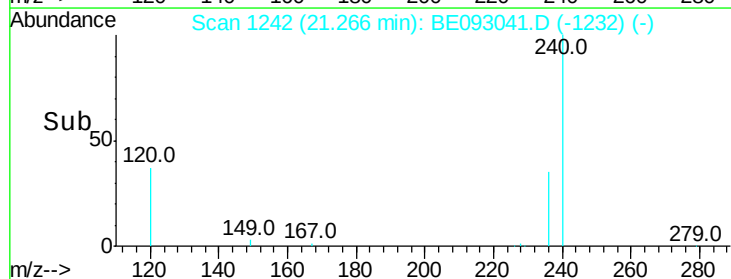
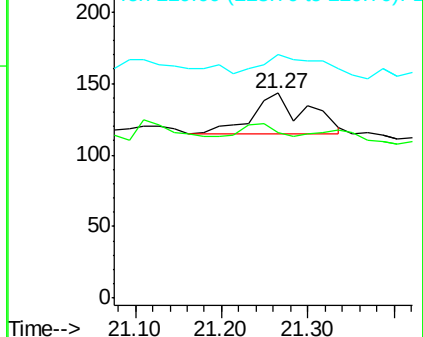
229 118.9 19.2 28.8#

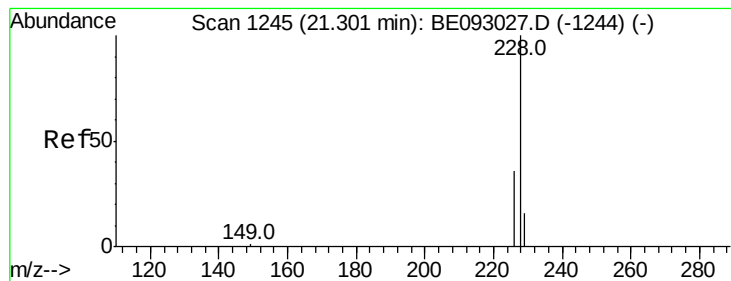


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.01 ng

RT: 21.27 min Scan# 1242

Delta R.T. -0.04 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

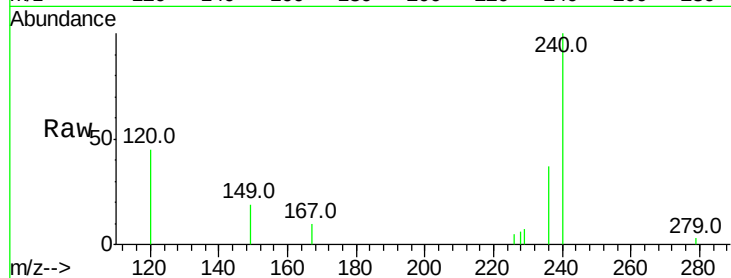
Tot Ion:228 Resp: 176

Ion Ratio Lower Upper

228 100

226 81.1 21.5 32.3#

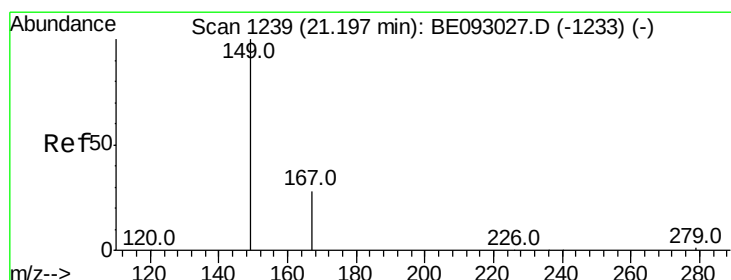
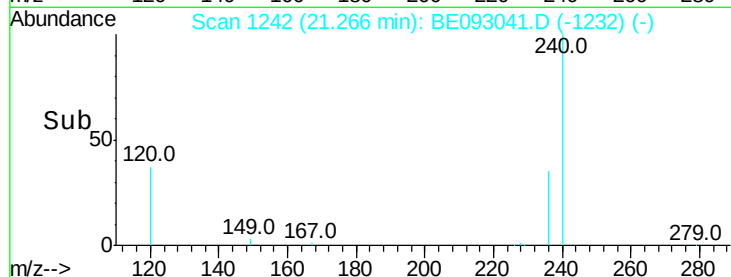
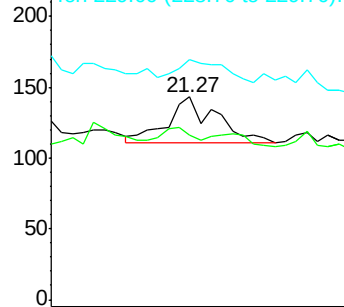
229 118.9 18.6 28.0#



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: 0.50 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

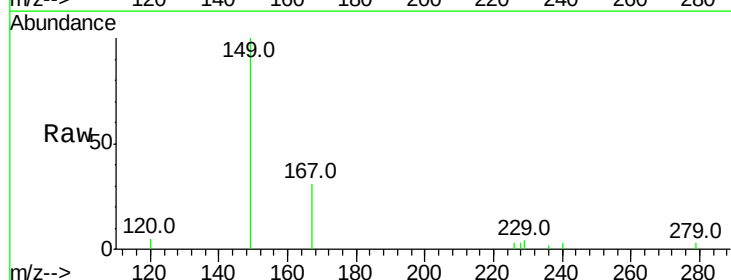
Tgt Ion:149 Resp: 4436

Ion Ratio Lower Upper

149 100

167 26.8 20.1 30.1

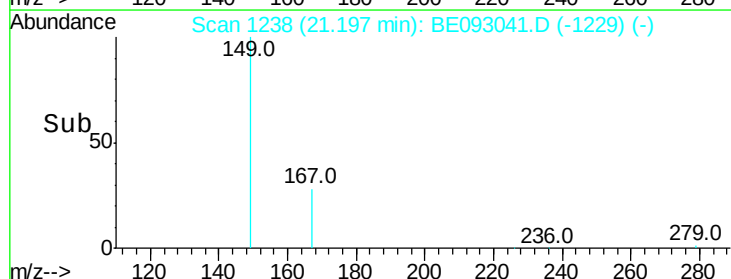
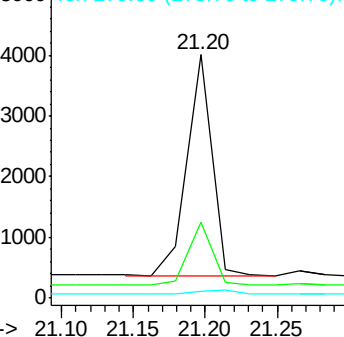
279 2.5 2.2 3.4

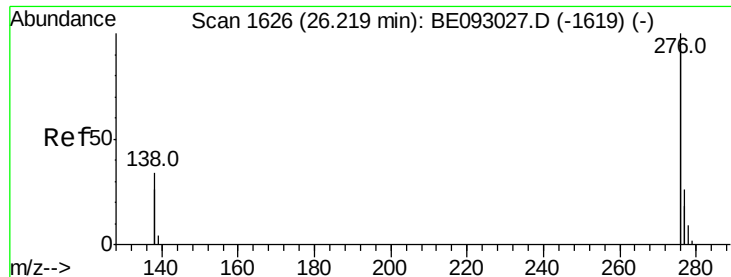


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

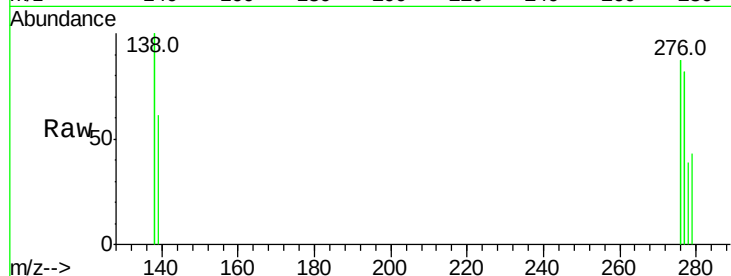




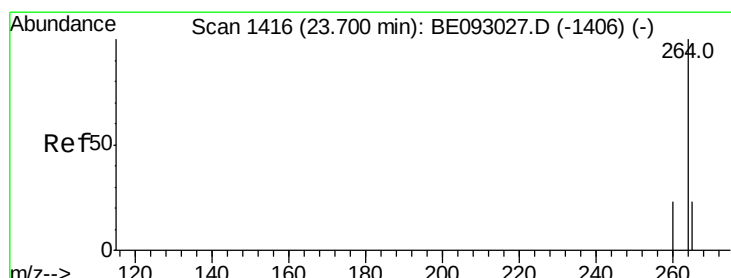
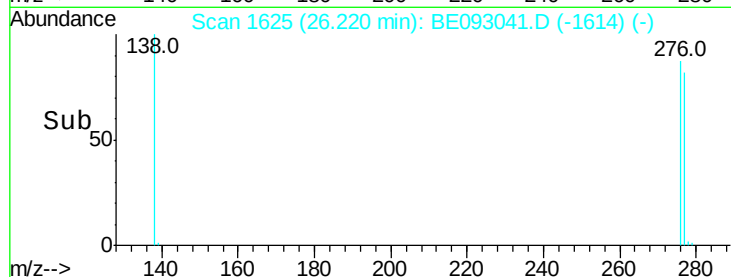
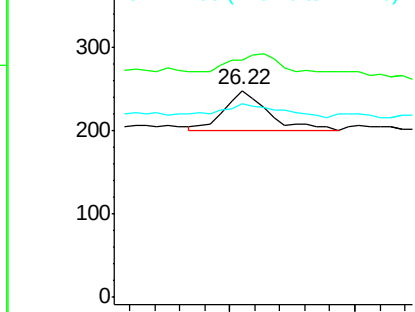
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 26.22 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE093041.D
 Acq: 15 May 2017 19:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 235
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.4 41.2#
 277 46.0 20.1 30.1#

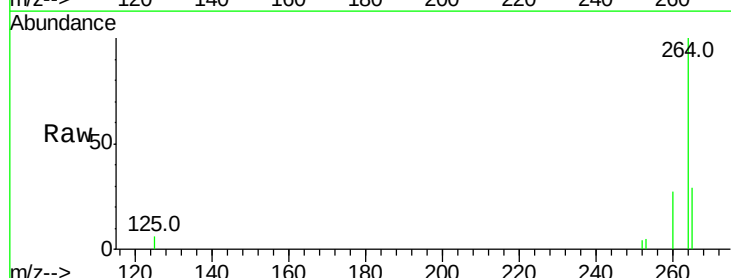


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

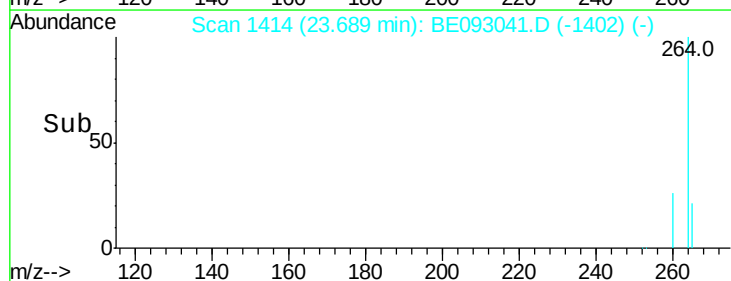
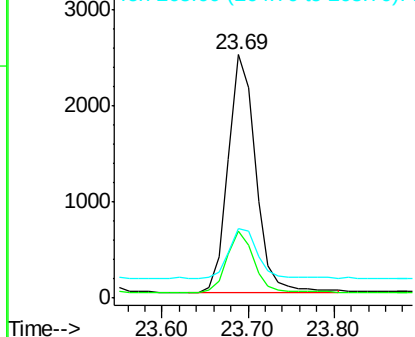


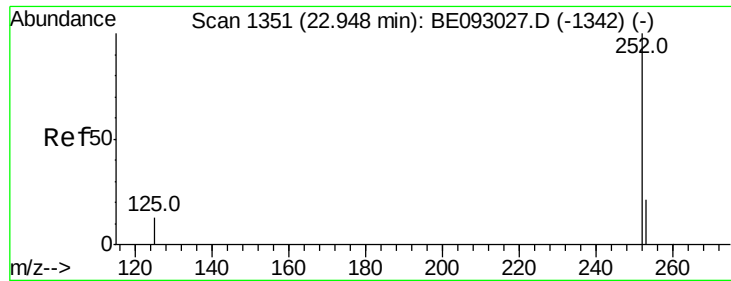
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BE093041.D
 Acq: 15 May 2017 19:18

Tgt Ion:264 Resp: 5485
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.0 31.4
 265 28.6 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 22.95 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampled :

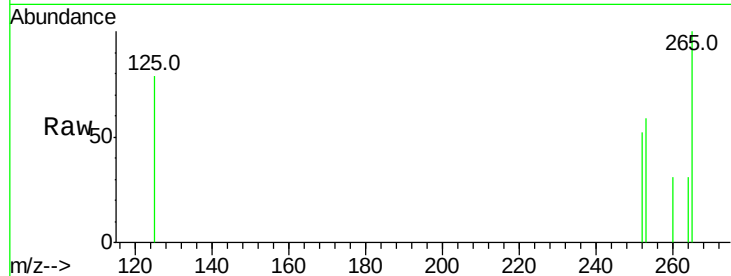
Tot Ion:252 Resp: 50

Ion Ratio Lower Upper

252 100

253 113.4 18.5 27.7#

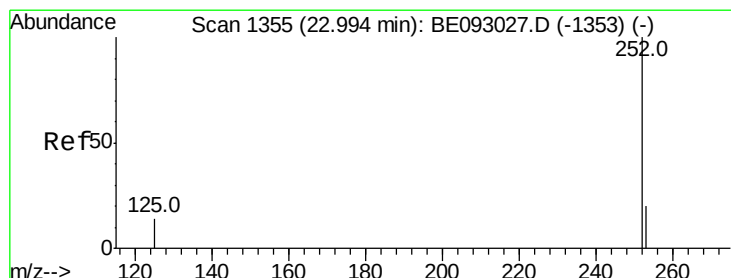
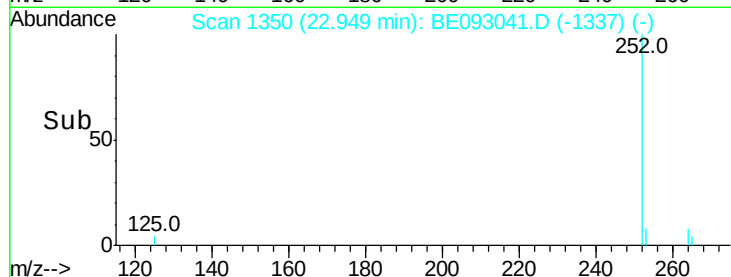
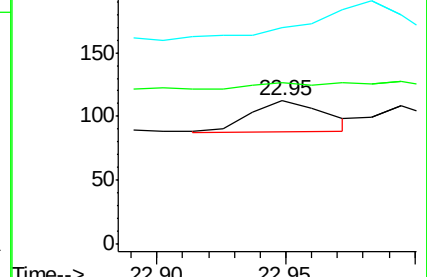
125 151.8 13.4 20.0#



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: 22.99 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

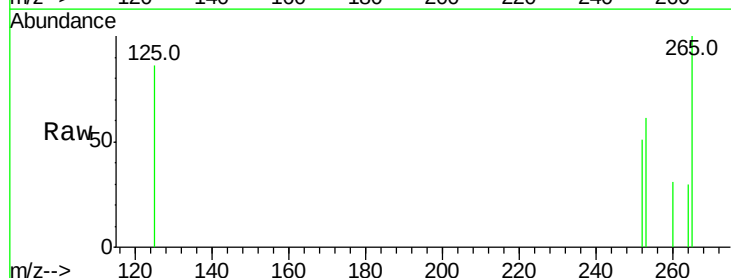
Tgt Ion:252 Resp: 33

Ion Ratio Lower Upper

252 100

253 118.5 20.3 30.5#

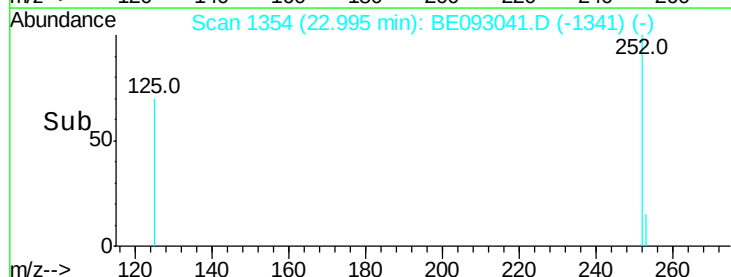
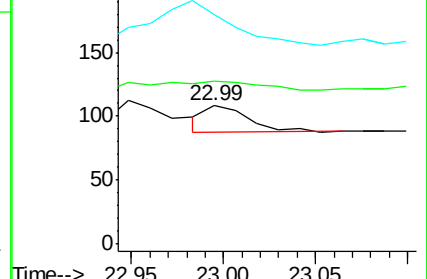
125 166.7 12.2 18.4#

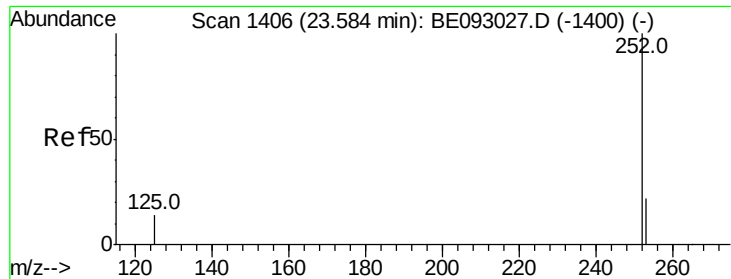


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

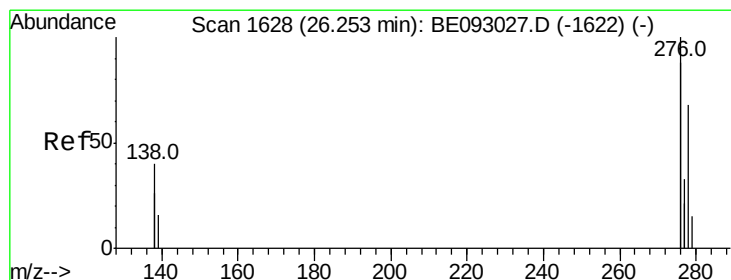
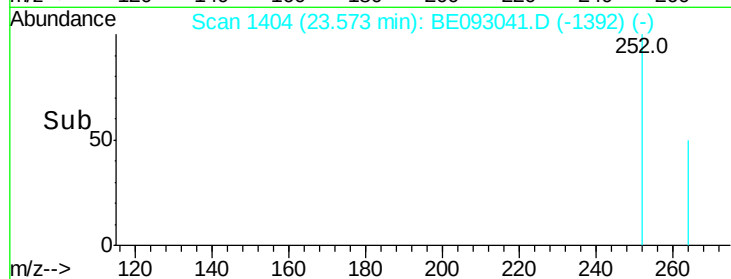
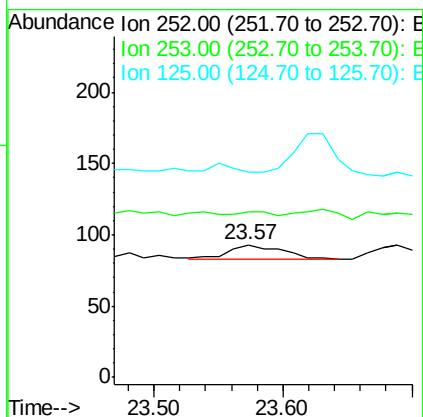
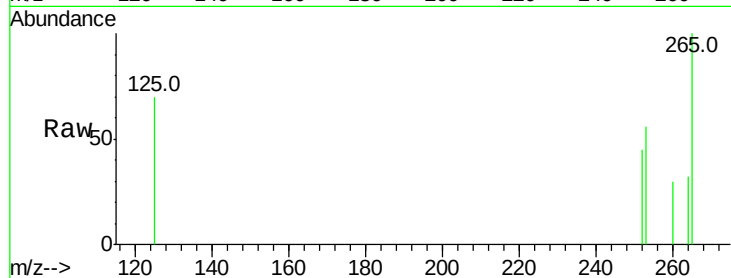




#37
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.57 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

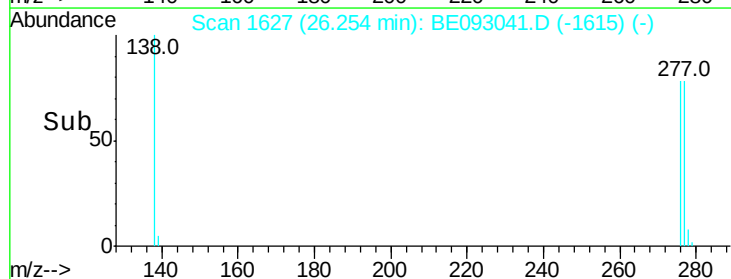
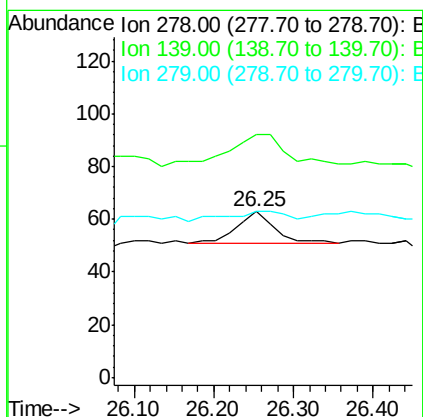
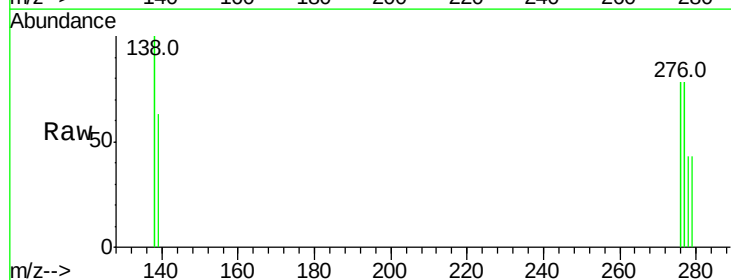
Instrument :
BNA_E
ClientSampleId :

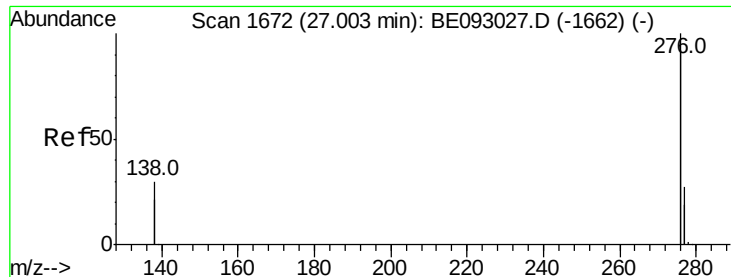
Tot Ion:252 Resp: 28
Ion Ratio Lower Upper
252 100
253 124.7 19.9 29.9#
125 154.8 14.6 21.8#



#38
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.25 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:278 Resp: 40
Ion Ratio Lower Upper
278 100
139 146.0 21.4 32.0#
279 100.0 22.2 33.2#





#39

Benzo(a,h,i)perylene

Concen: 0.00 ng

RT: 27.00 min Scan# 1671

Delta R.T. 0.00 min

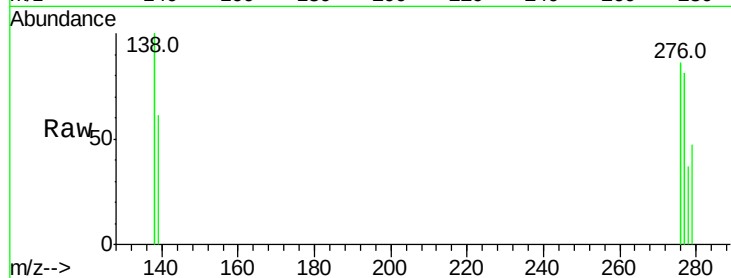
Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :



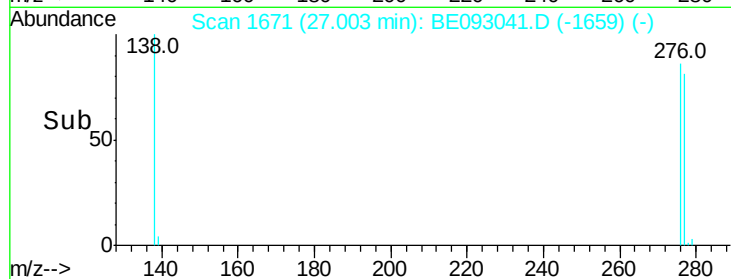
Tot Ion:276 Resp: 176

Ion Ratio Lower Upper

276 100

277 94.1 21.2 31.8#

138 116.0 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

