

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE093007.D
 Acq On : 11 May 2017 22:28
 Operator : SJ/MA
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 12 02:20:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	904	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3798	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1847	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5044	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4993	0.40	ng	0.00
34) Perylene-d12	23.70	264	4298	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	955	0.39	ng	0.00
5) Phenol-d6	6.92	99	1332	0.43	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1190	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	1964	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	197	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2755	0.38	ng	0.00
25) Fluoranthene-d10	19.14	212	4523	0.34	ng	-0.01
29) Terphenyl-d14	19.74	244	3316	0.37	ng	0.00

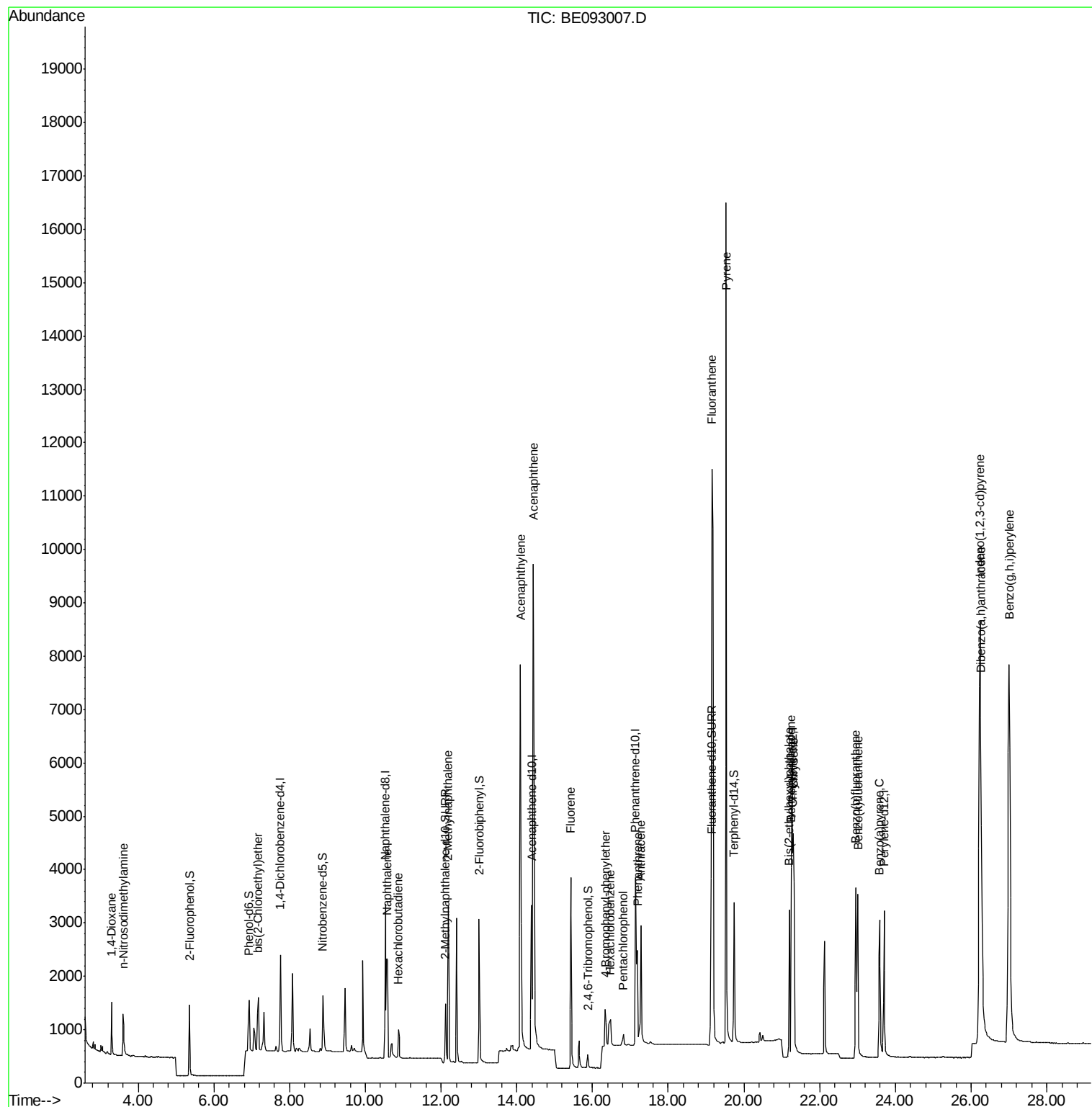
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	622	0.34	ng	98
3) n-Nitrosodimethylamine	3.61	42	573	0.37	ng	# 97
6) bis(2-Chloroethyl)ether	7.18	93	1086	0.36	ng	# 100
9) Naphthalene	10.58	128	3615	0.36	ng	99
10) Hexachlorobutadiene	10.87	225	480	0.35	ng	97
12) 2-Methylnaphthalene	12.19	142	2170	0.37	ng	99
16) Acenaphthylene	14.10	152	11530	0.37	ng	100
17) Acenaphthene	14.44	154	2046	0.36	ng	98
18) Fluorene	15.43	166	2595	0.36	ng	100
20) 4-Bromophenyl-phenylether	16.36	248	533	0.33	ng	91
21) Hexachlorobenzene	16.47	284	751	0.28	ng	# 100
22) Pentachlorophenol	16.82	266	245	0.46	ng	92
23) Phenanthrene	17.19	178	3698	0.31	ng	# 77
24) Anthracene	17.28	178	3534	0.34	ng	97
26) Fluoranthene	19.16	202	21049	0.32	ng	# 59
28) Pyrene	19.53	202	22902	0.37	ng	# 98
30) Benzo(a)anthracene	21.25	228	4729	0.39	ng	# 83
31) Chrysene	21.30	228	5270	0.34	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.20	149	2636	0.53	ng	98
33) Indeno(1,2,3-cd)pyrene	26.24	276	19482	0.40	ng	98
35) Benzo(b)fluoranthene	22.95	252	4601	0.33	ng	99
36) Benzo(k)fluoranthene	23.01	252	4886	0.35	ng	99
37) Benzo(a)pyrene	23.58	252	4308	0.36	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	4057	0.37	ng	99
39) Benzo(g,h,i)perylene	27.00	276	17911	0.36	ng	99

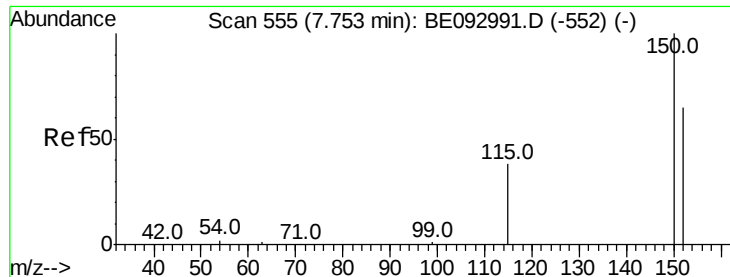
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

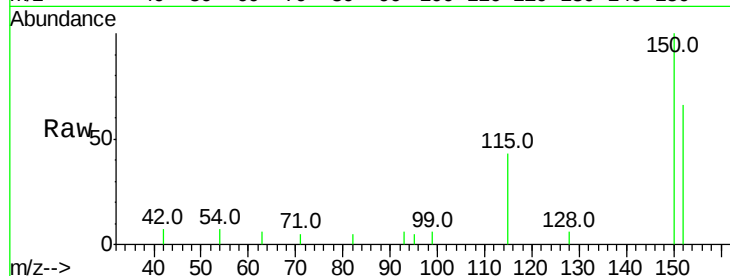
Tot Ion:152 Resp: 904

Ion Ratio Lower Upper

152 100

150 152.2 125.1 187.7

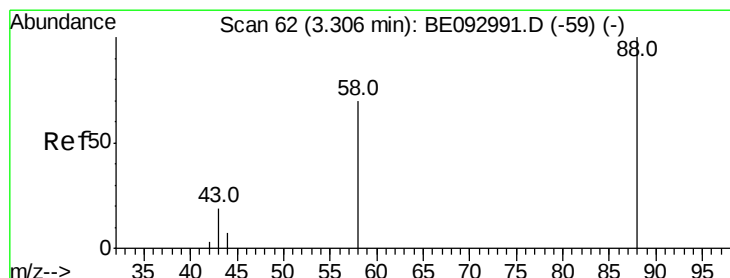
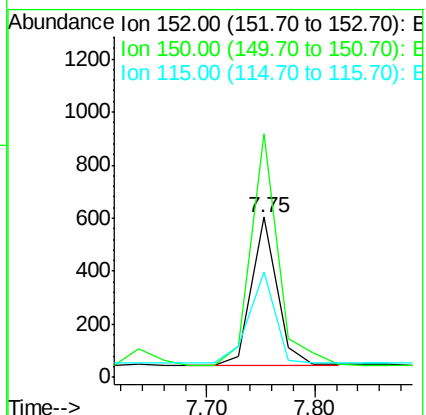
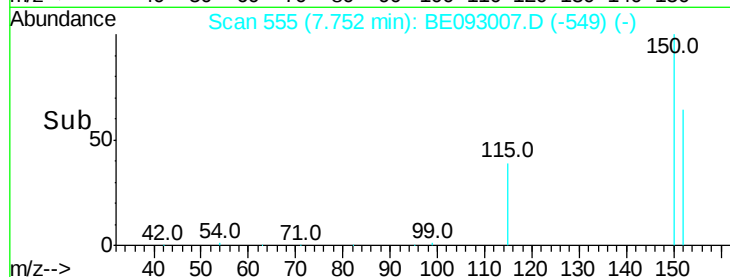
115 65.7 55.7 83.5



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: 0.34 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

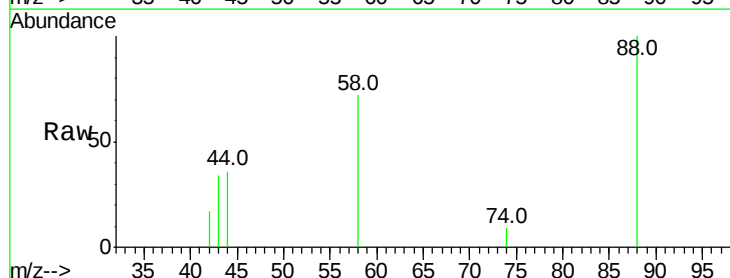
Tgt Ion: 88 Resp: 622

Ion Ratio Lower Upper

88 100

58 79.1 62.2 93.4

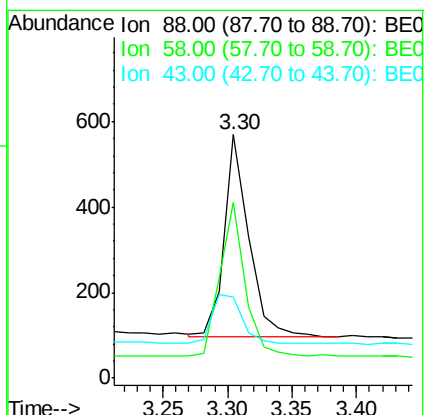
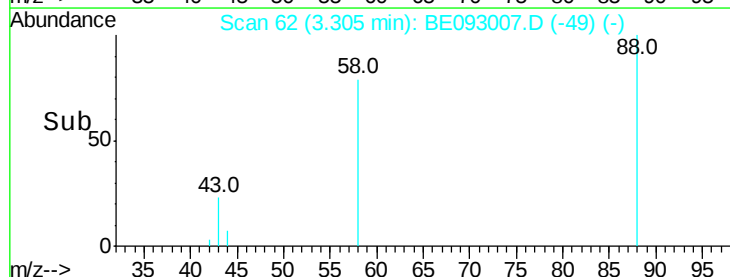
43 30.1 23.2 34.8

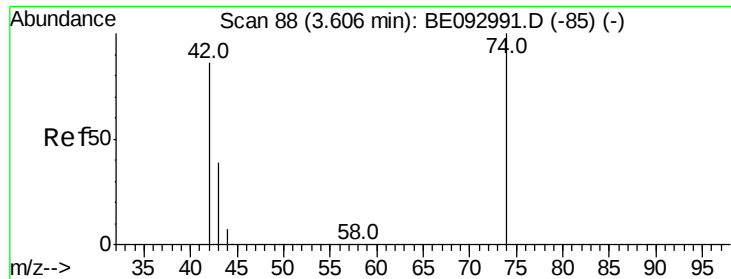


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

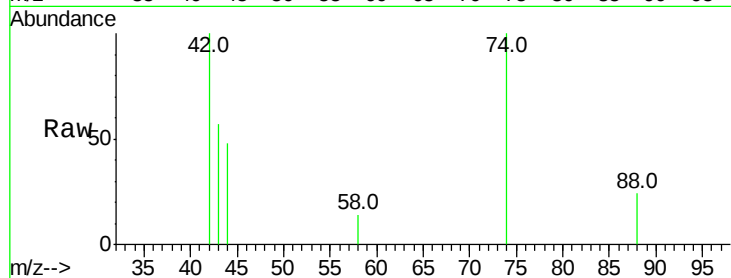
Tot Ion: 42 Resp: 573

Ion Ratio Lower Upper

42 100

74 126.5 99.1 148.7

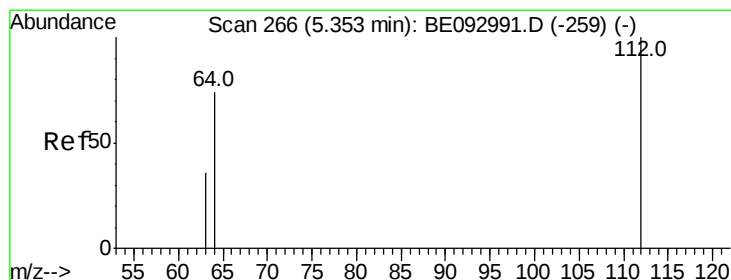
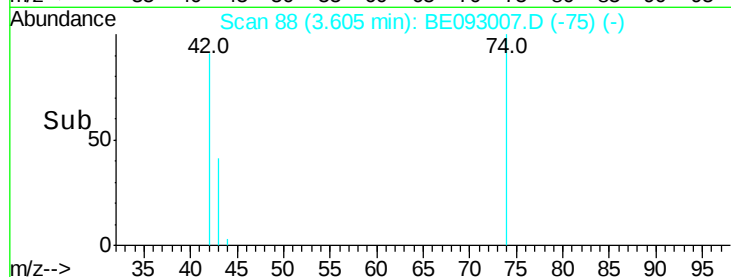
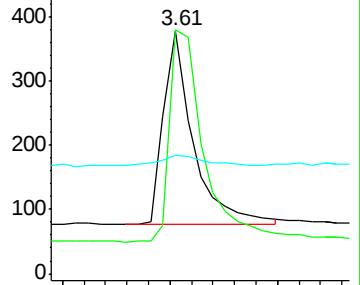
44 11.7 7.4 11.2#



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



#4

2-Fluorophenol

Concen: 0.39 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

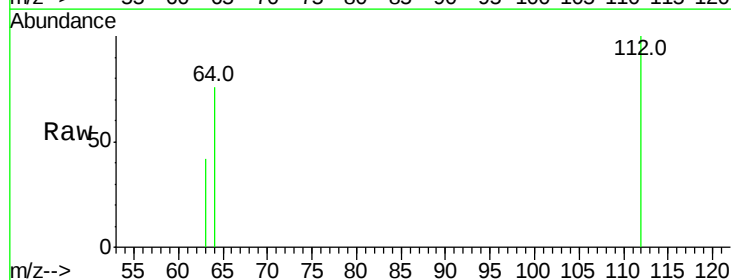
Tgt Ion: 112 Resp: 955

Ion Ratio Lower Upper

112 100

64 72.8 56.4 84.6

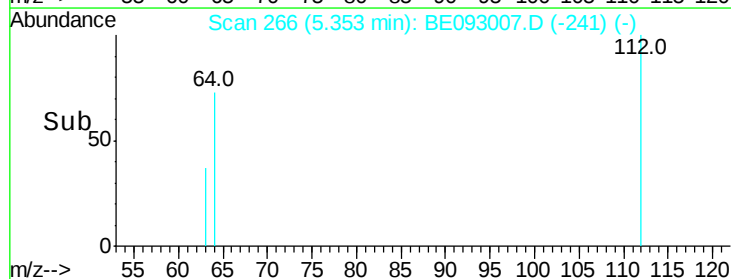
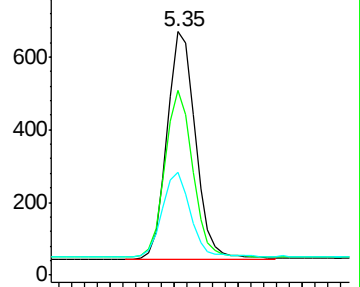
63 36.6 29.3 43.9

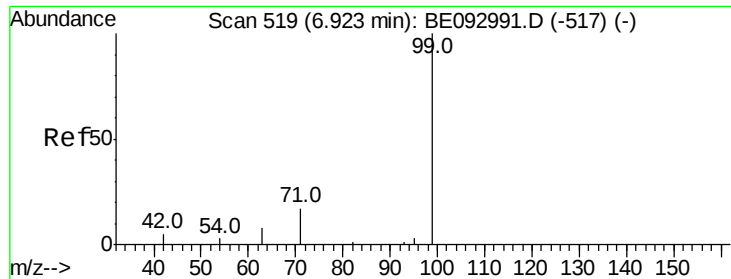


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.43 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

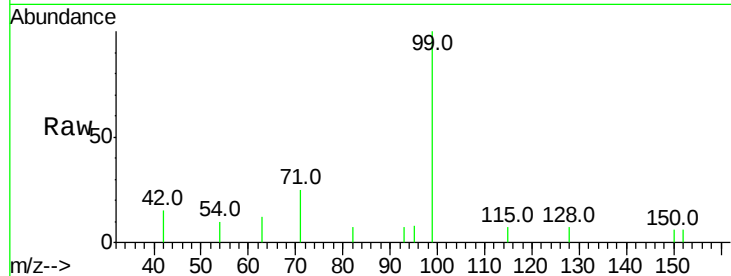
Tot Ion: 99 Resp: 1332

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

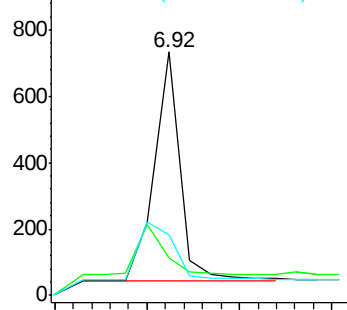
71 0.0 0.0 0.0



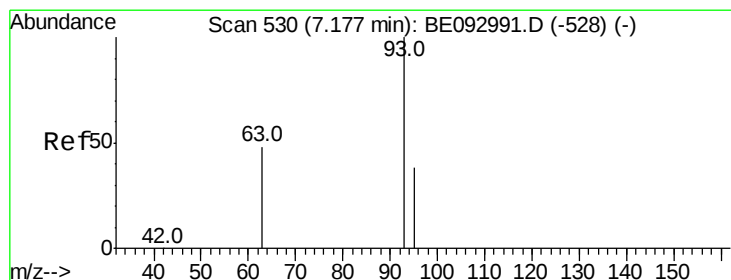
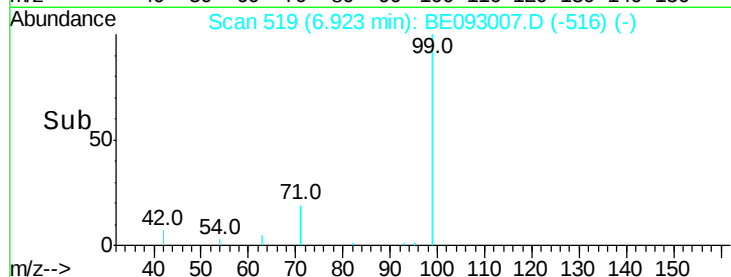
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.36 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

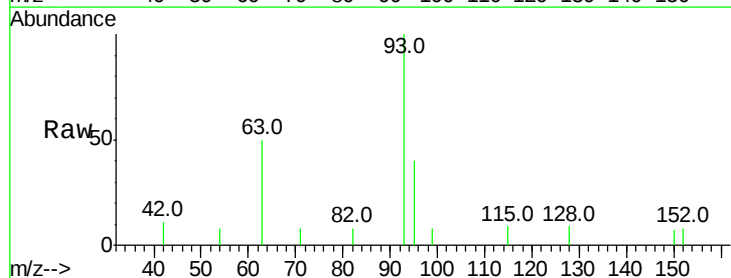
Tgt Ion: 93 Resp: 1086

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

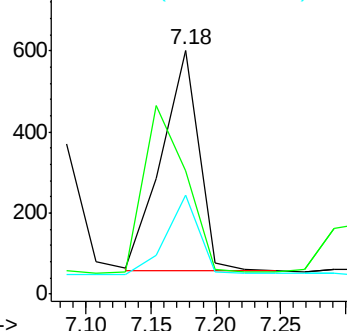
95 31.9 25.4 38.0



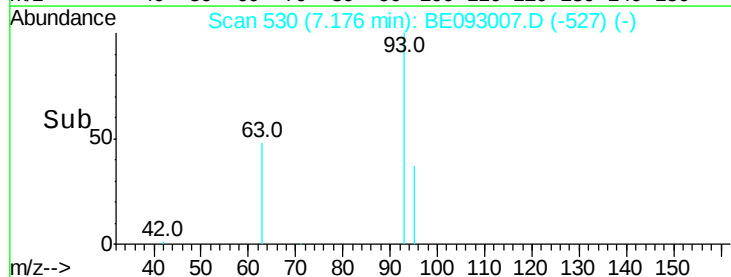
Abundance Ion 93.00 (92.70 to 93.70): BE0

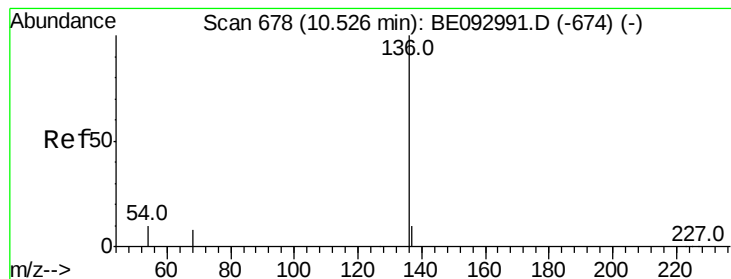
Ion 63.00 (62.70 to 63.70): BE0

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: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3798

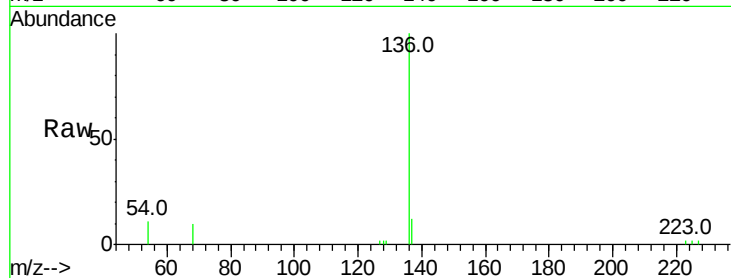
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 11.3 10.3 15.5

68 10.0 9.0 13.4

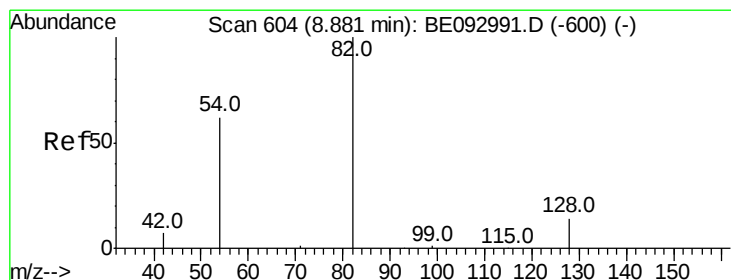
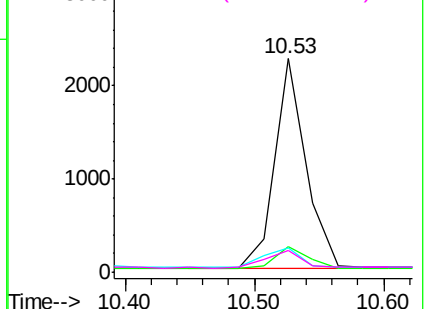
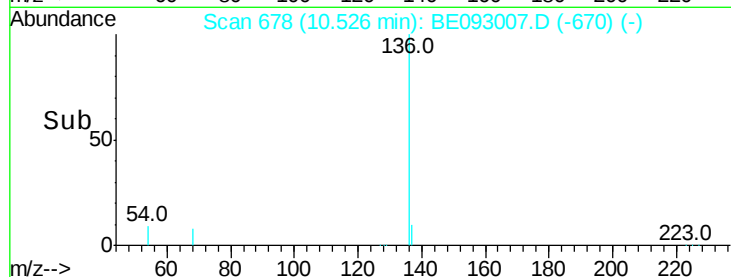


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.40 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

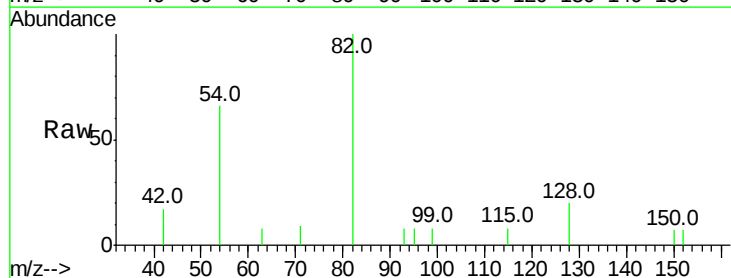
Tgt Ion: 82 Resp: 1190

Ion Ratio Lower Upper

82 100

128 20.2 17.0 25.4

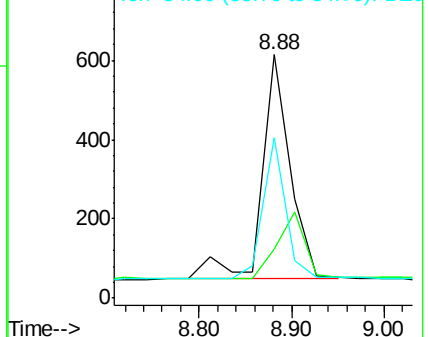
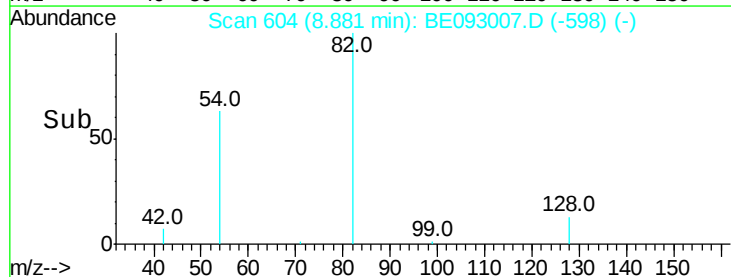
54 66.0 53.8 80.6

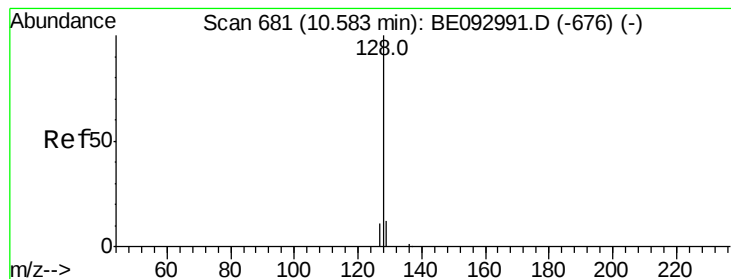


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.36 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

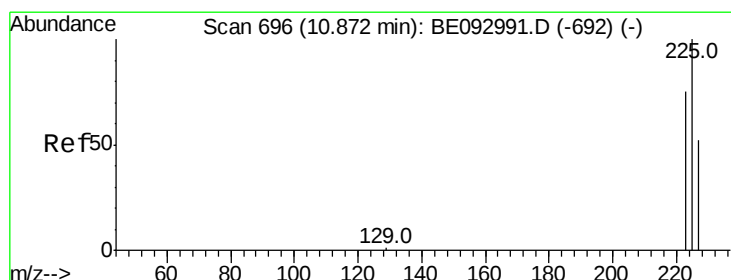
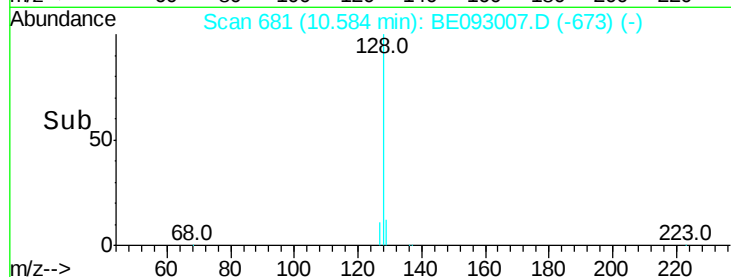
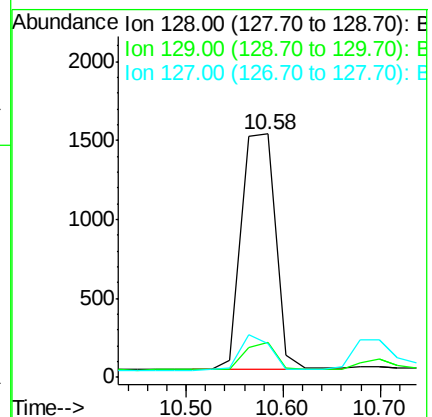
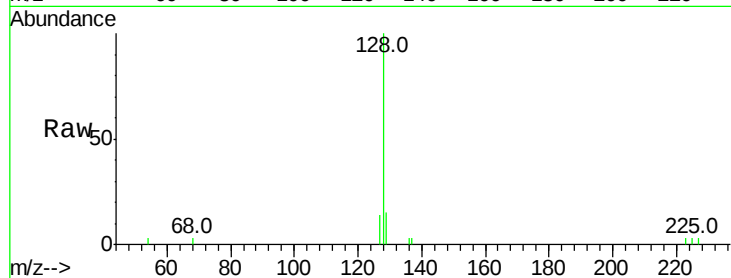
Tot Ion:128 Resp: 3615

Ion Ratio Lower Upper

128 100

129 14.6 11.4 17.0

127 13.8 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.35 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

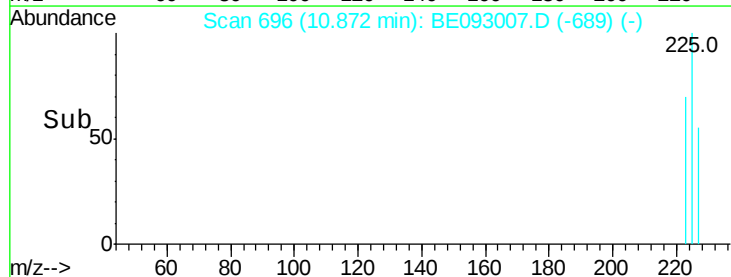
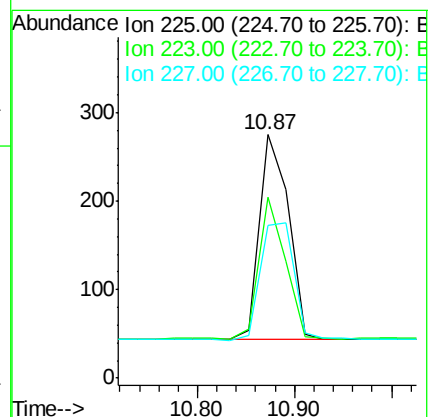
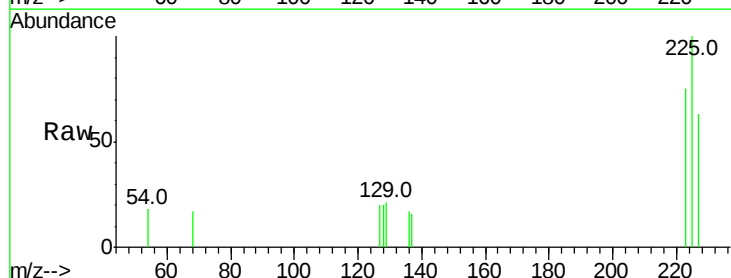
Tgt Ion:225 Resp: 480

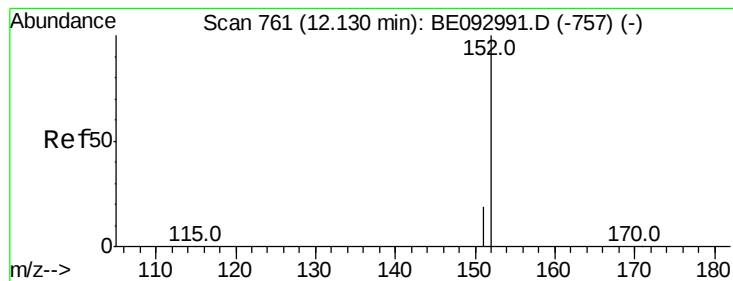
Ion Ratio Lower Upper

225 100

223 63.7 49.7 74.5

227 65.4 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

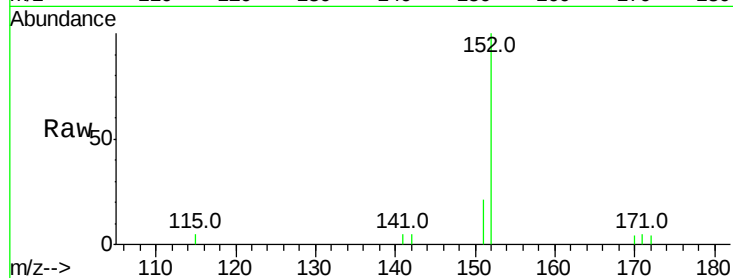
ClientSampled :

Tot Ion:152 Resp: 1964

Ion Ratio Lower Upper

152 100

151 19.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

1000

800

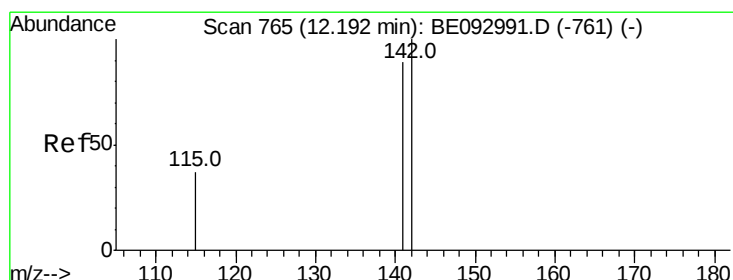
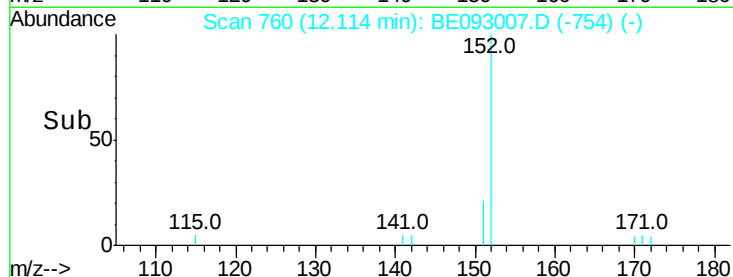
600

400

200

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

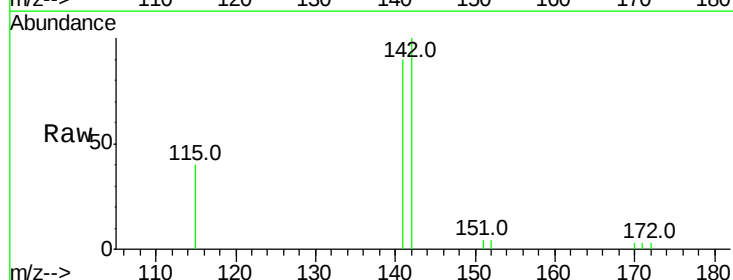
Tgt Ion:142 Resp: 2170

Ion Ratio Lower Upper

142 100

141 90.2 72.6 108.8

115 39.9 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

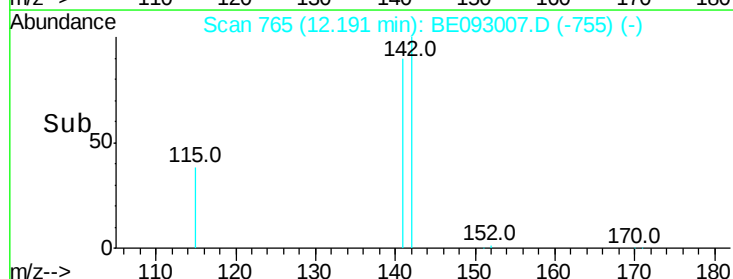
1500

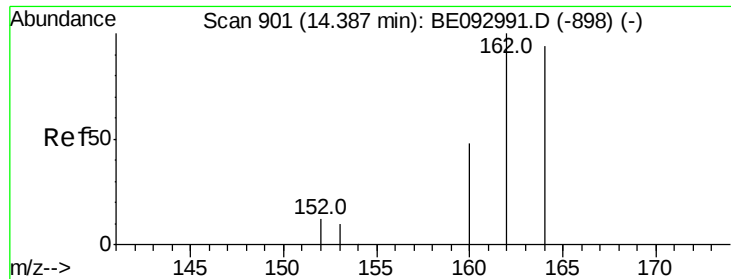
1000

500

0

Time--> 12.00 12.10 12.20 12.30

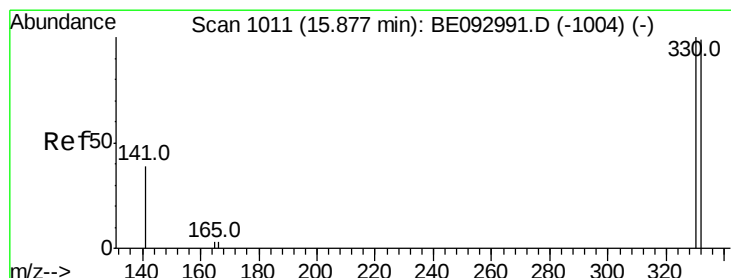
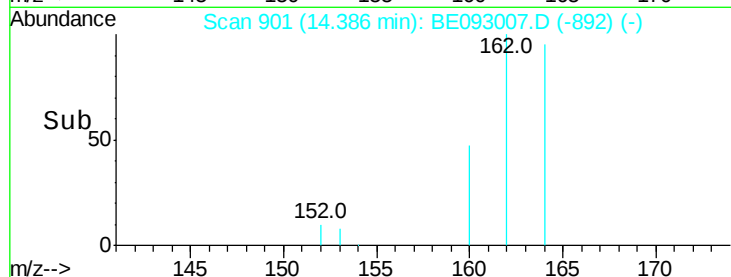
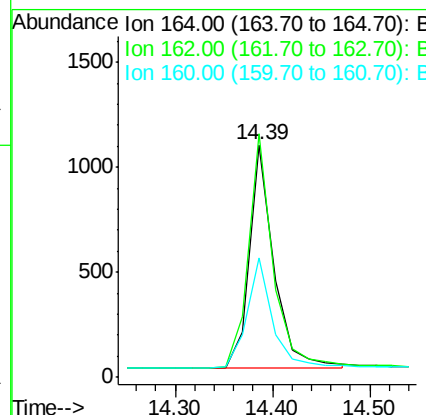
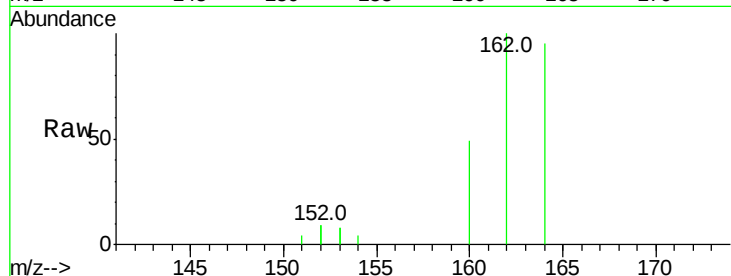




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BE093007.D
 Acq: 11 May 2017 22:28

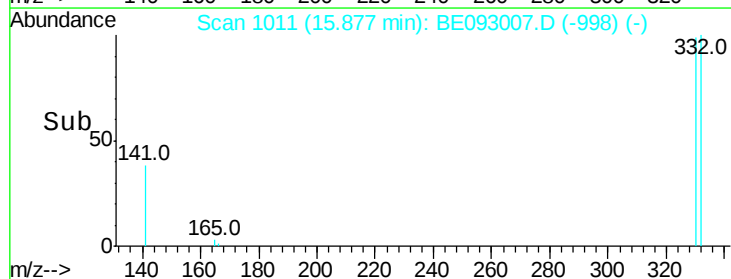
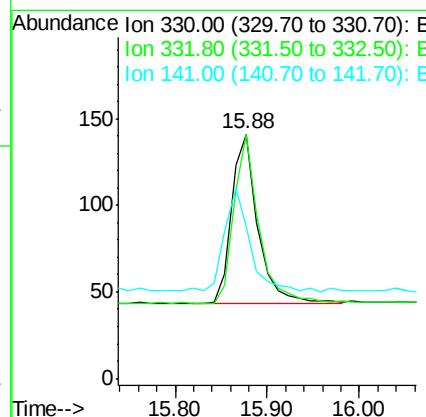
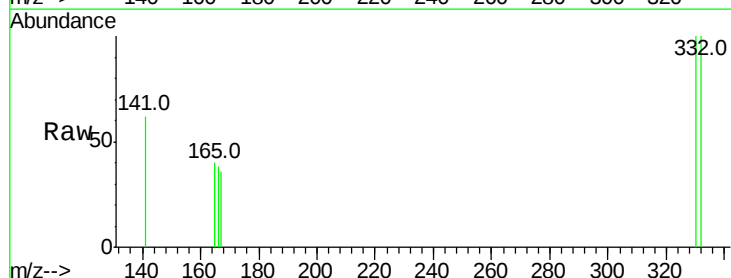
Instrument :
 BNA_E
 ClientSampleId :

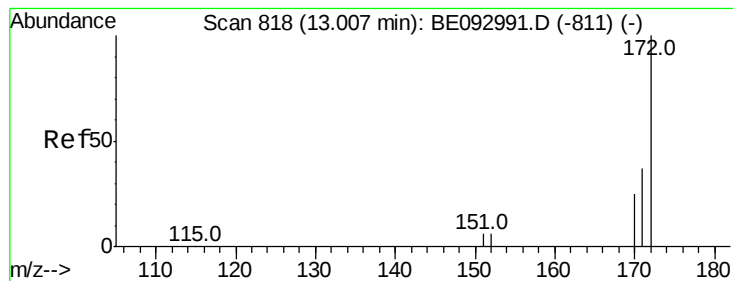
Tot Ion:164 Resp: 1847
 Ion Ratio Lower Upper
 164 100
 162 104.8 84.6 127.0
 160 51.3 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.39 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BE093007.D
 Acq: 11 May 2017 22:28

Tgt Ion:330 Resp: 197
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.7 116.5
 141 59.9 56.2 84.4





#15

2-Fluorobiphenyl

Concen: 0.38 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

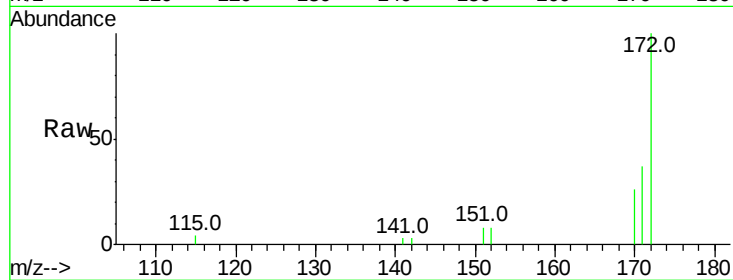
Tot Ion:172 Resp: 2755

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

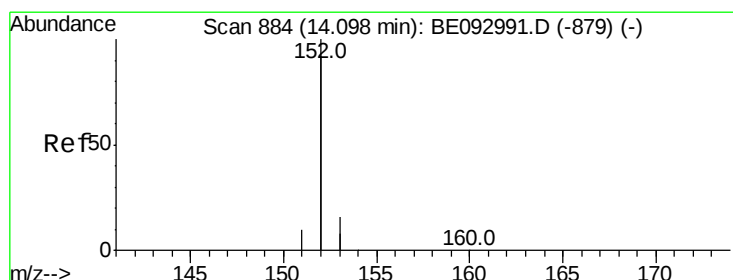
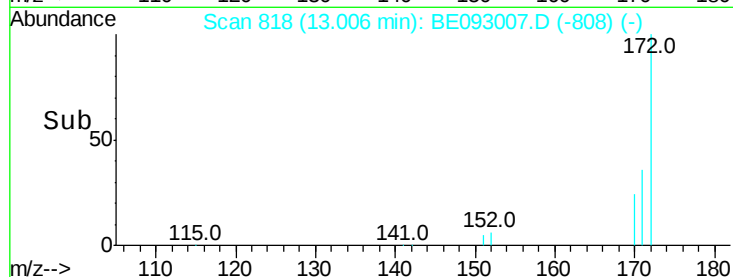
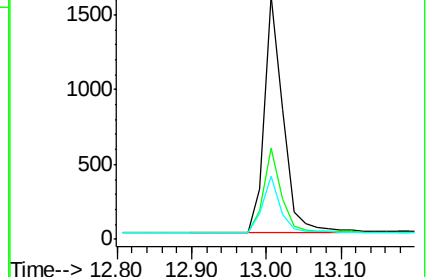
170 26.0 20.7 31.1



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



#16

Acenaphthylene

Concen: 0.37 ng

RT: 14.10 min Scan# 884

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

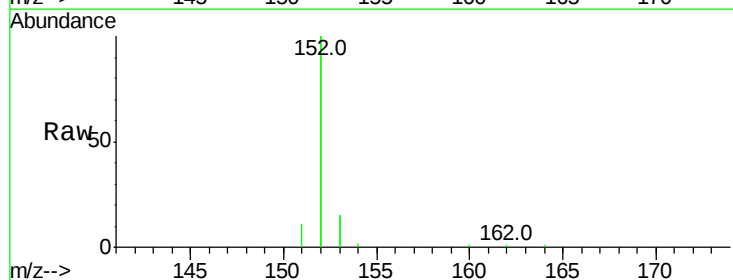
Tgt Ion:152 Resp: 11530

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

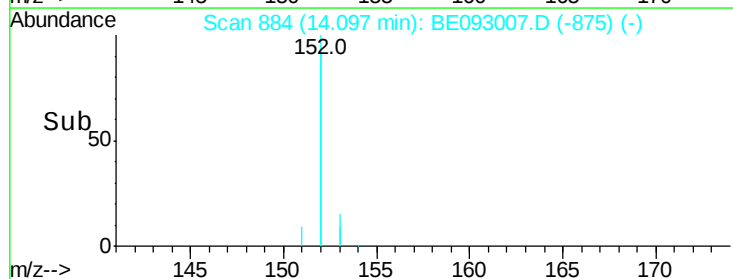
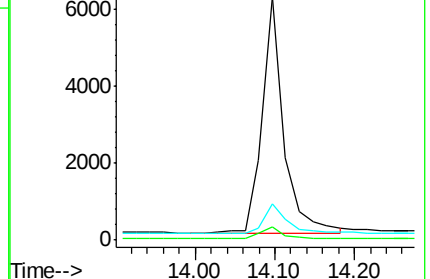
153 13.0 10.3 15.5

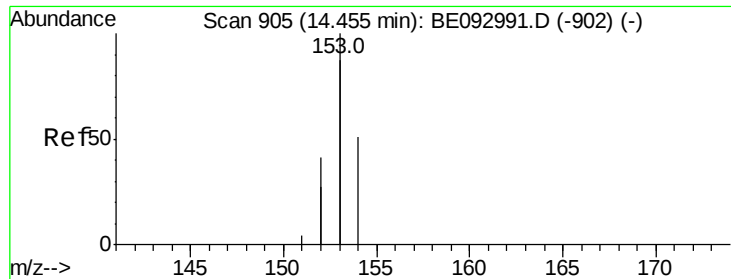


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

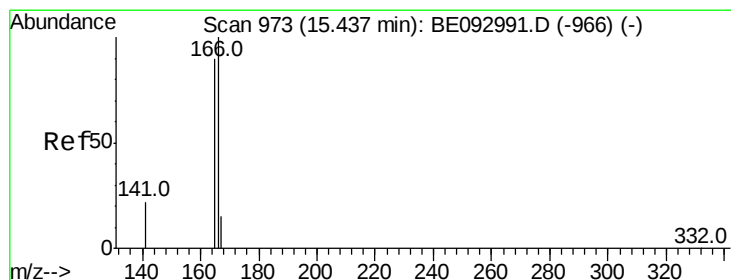
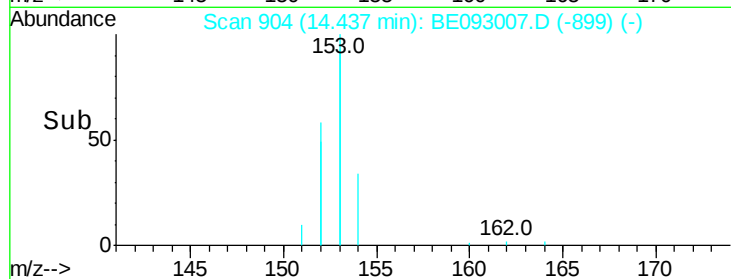
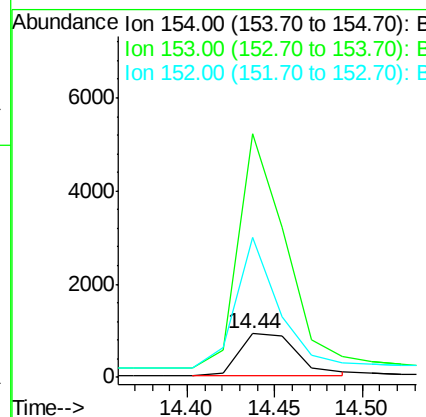
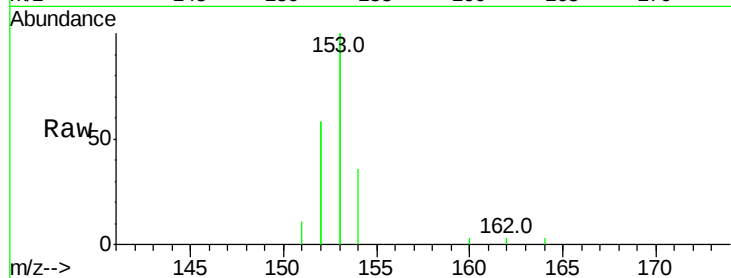




#17
Acenaphthene
Concen: 0.36 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

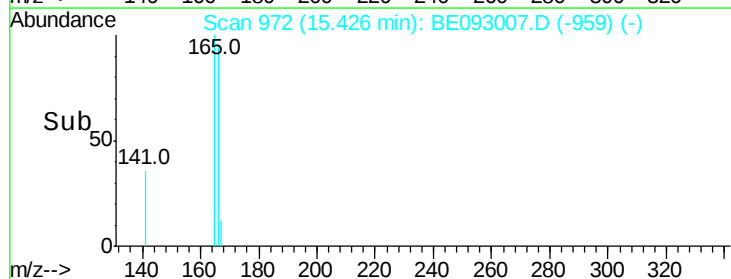
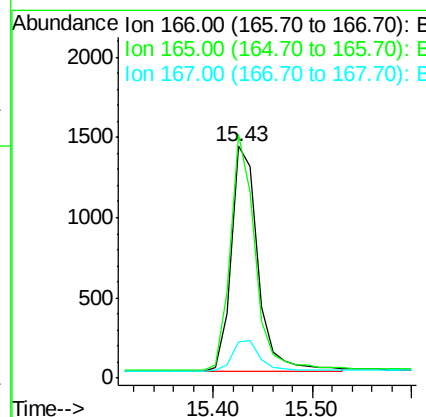
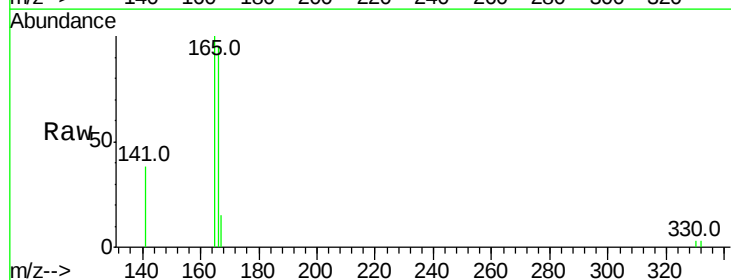
Instrument :
BNA_E
ClientSampleId :

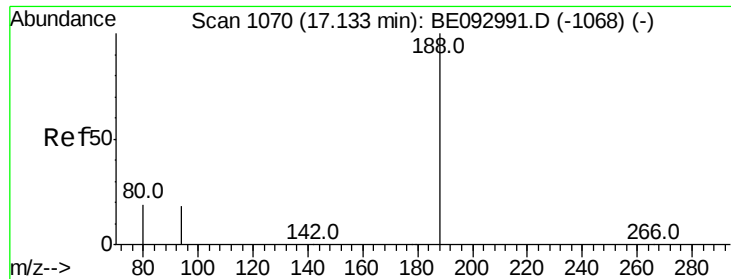
Tot Ion:154 Resp: 2046
Ion Ratio Lower Upper
154 100
153 467.4 367.8 551.6
152 234.2 188.2 282.2



#18
Fluorene
Concen: 0.36 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:166 Resp: 2595
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 14.0 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

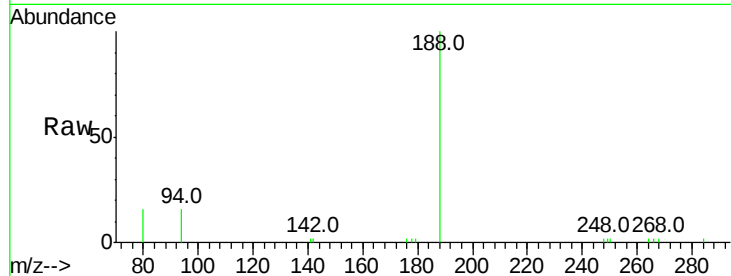
Tot Ion:188 Resp: 5044

Ion Ratio Lower Upper

188 100

94 15.9 11.3 16.9

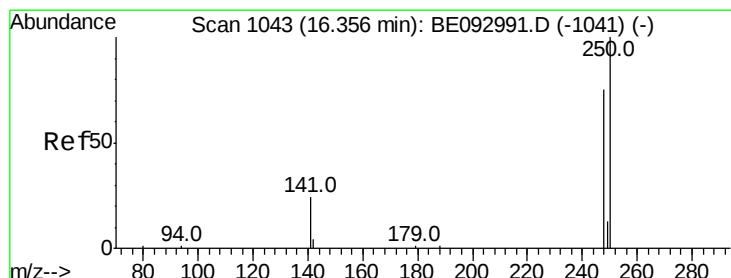
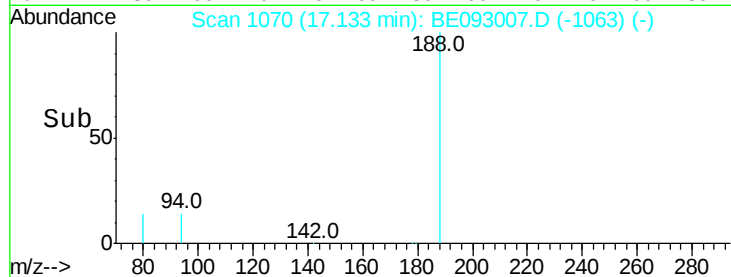
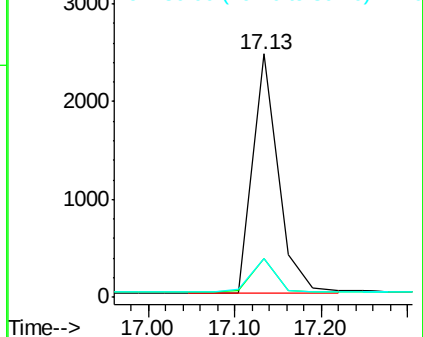
80 16.2 11.7 17.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.33 ng

RT: 16.36 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

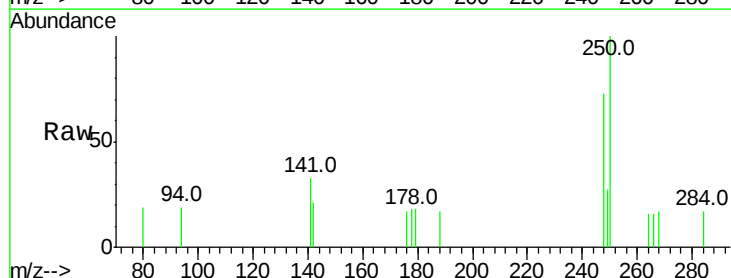
Tgt Ion:248 Resp: 533

Ion Ratio Lower Upper

248 100

250 136.7 100.0 150.0

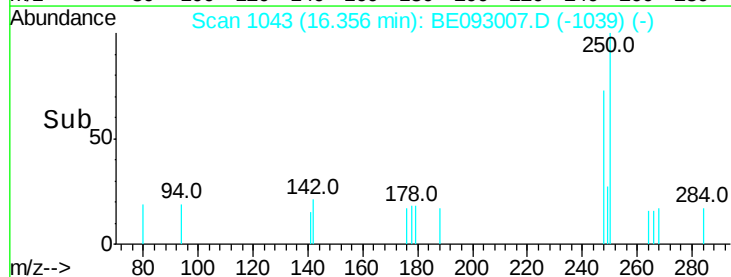
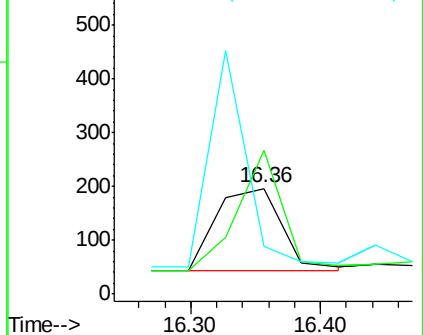
141 45.4 40.0 60.0

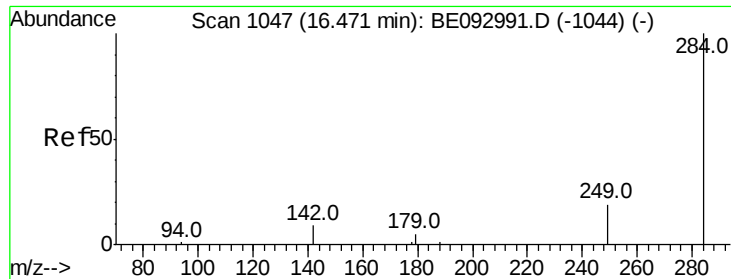


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

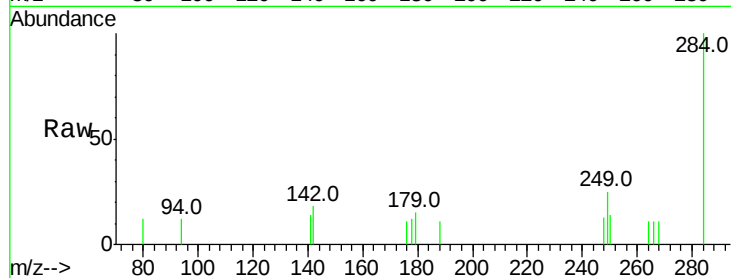




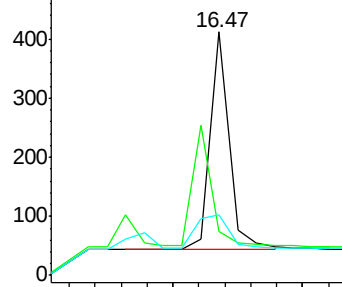
#21
Hexachlorobenzene
Concen: 0.28 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampled :

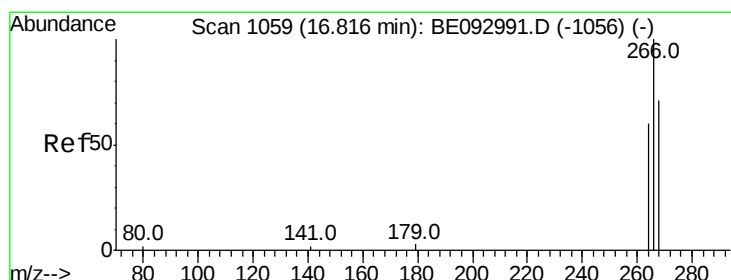
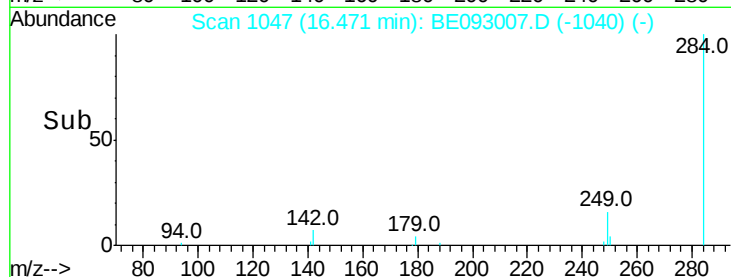
Tot Ion:284 Resp: 751
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.5 0.0 0.0#



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

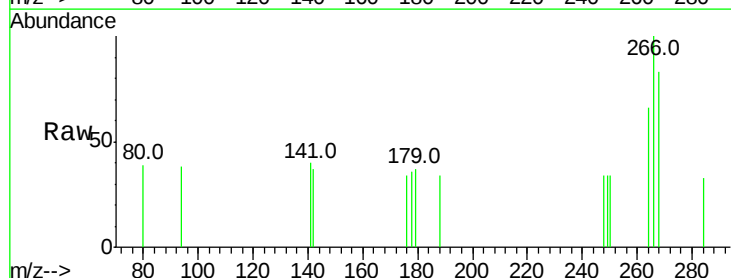


Time-->

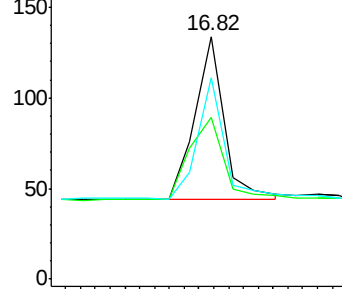


#22
Pentachlorophenol
Concen: 0.46 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

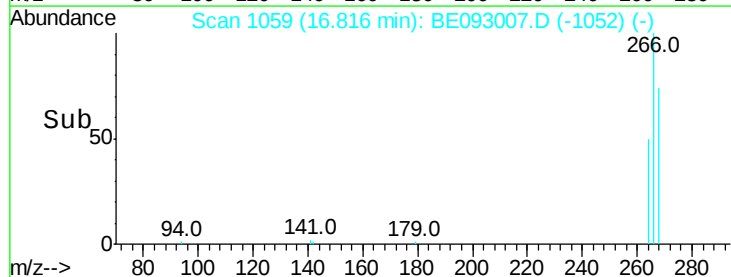
Tgt Ion:266 Resp: 245
Ion Ratio Lower Upper
266 100
264 66.4 58.2 87.2
268 82.8 71.9 107.9

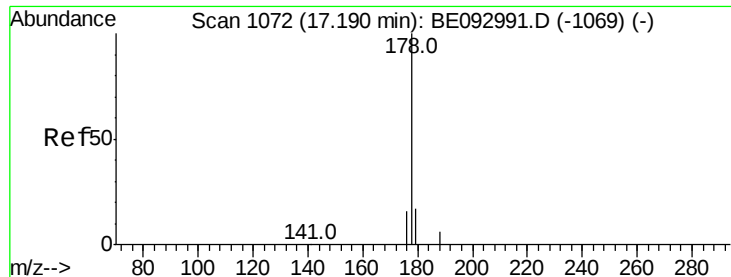


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.31 ng

RT: 17.19 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

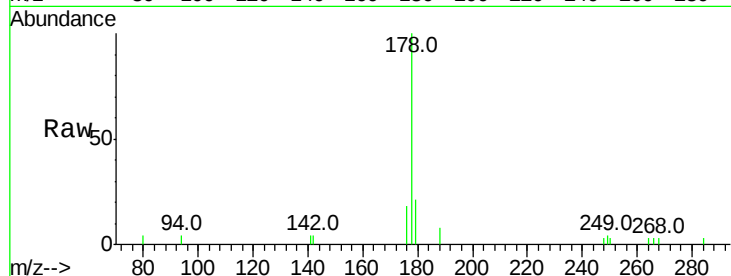
Tot Ion:178 Resp: 3698

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

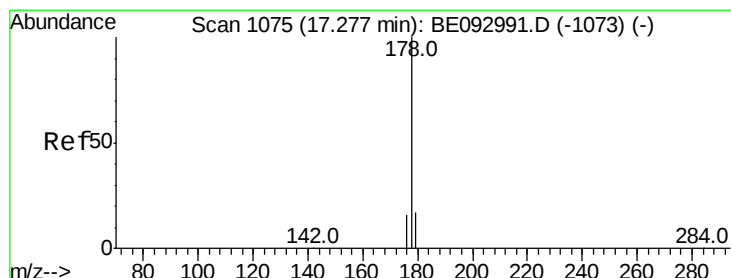
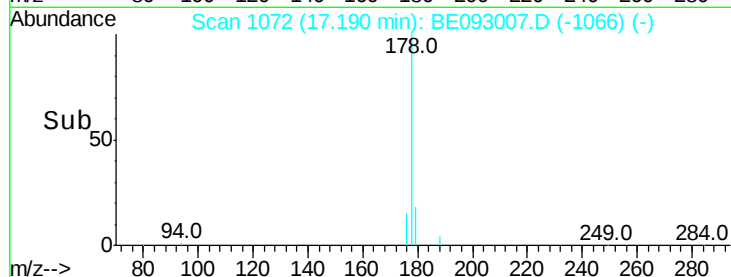
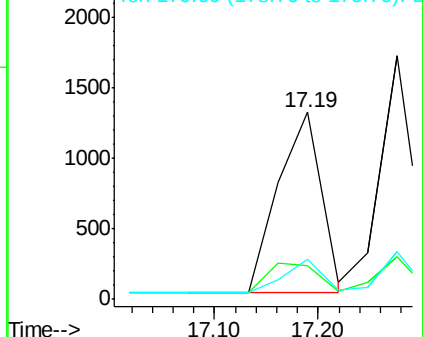
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.34 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

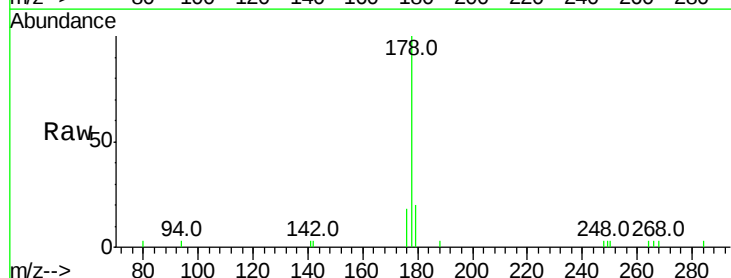
Tgt Ion:178 Resp: 3534

Ion Ratio Lower Upper

178 100

176 17.4 14.6 22.0

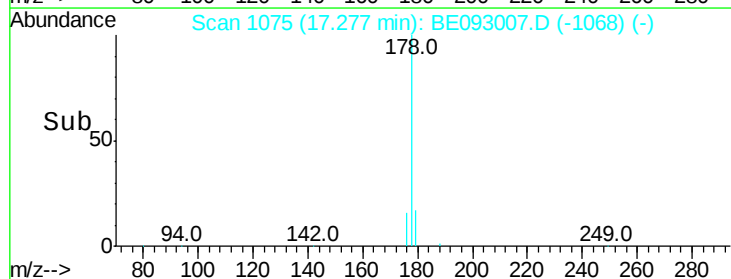
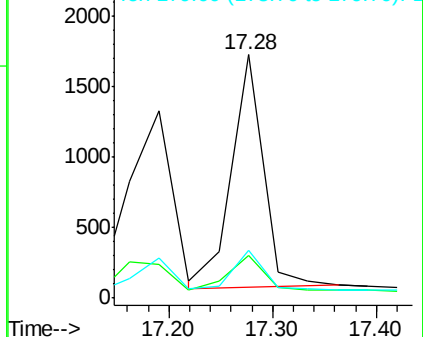
179 16.5 12.0 18.0

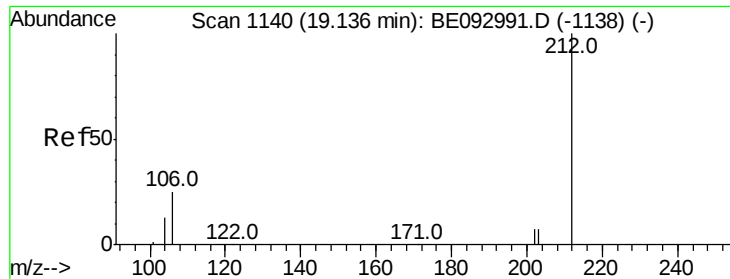


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

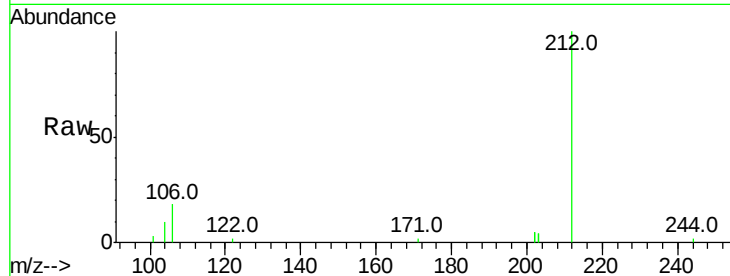




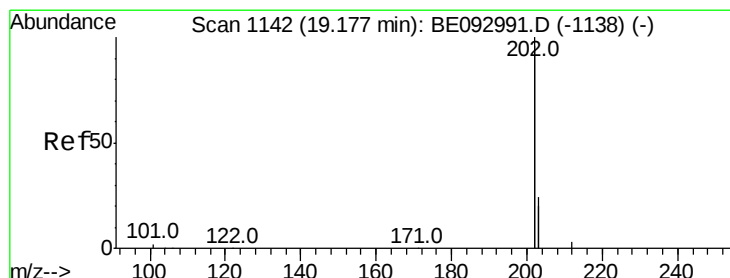
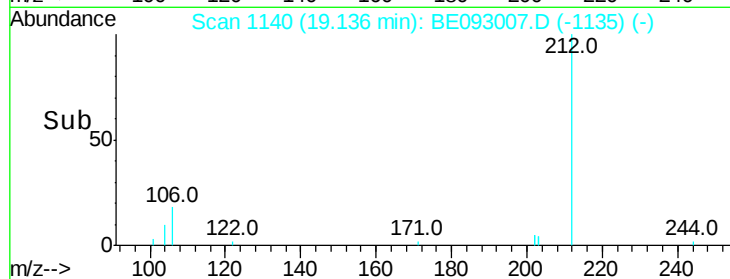
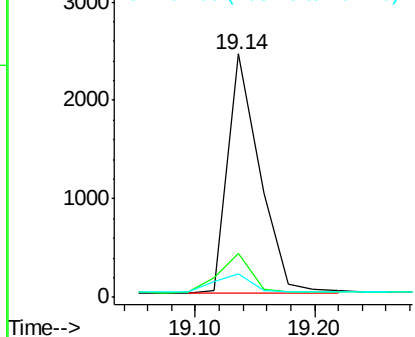
#25
 Fluoranthene-d10
 Concen: 0.34 ng
 RT: 19.14 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BE093007.D
 Acq: 11 May 2017 22:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 4523
 Ion Ratio Lower Upper
 212 100
 106 16.2 0.0 0.0#
 104 8.9 0.0 0.0#

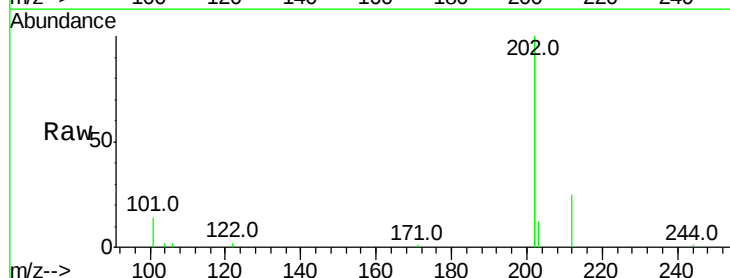


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

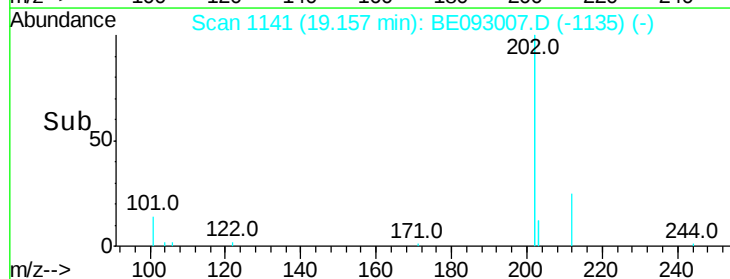
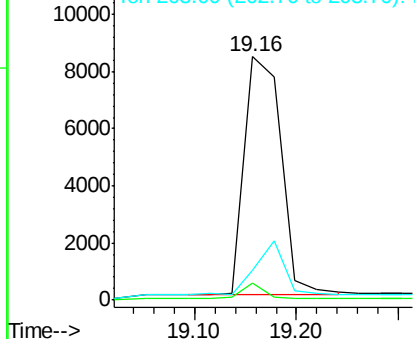


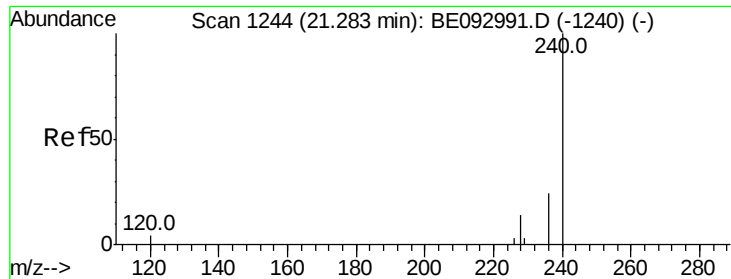
#26
 Fluoranthene
 Concen: 0.32 ng
 RT: 19.16 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BE093007.D
 Acq: 11 May 2017 22:28

Tgt Ion:202 Resp: 21049
 Ion Ratio Lower Upper
 202 100
 101 3.9 0.0 0.0#
 203 0.0 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

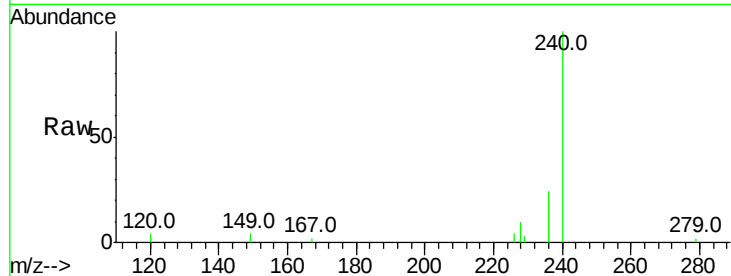
Tot Ion:240 Resp: 4993

Ion Ratio Lower Upper

240 100

120 4.3 4.6 7.0#

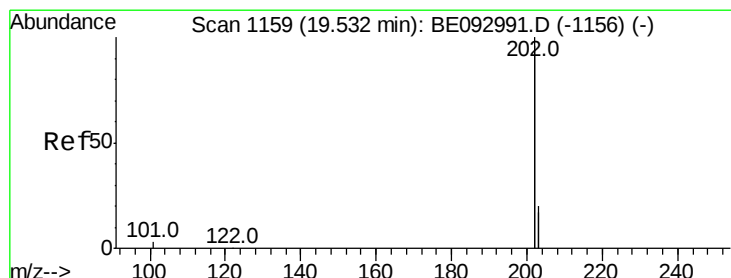
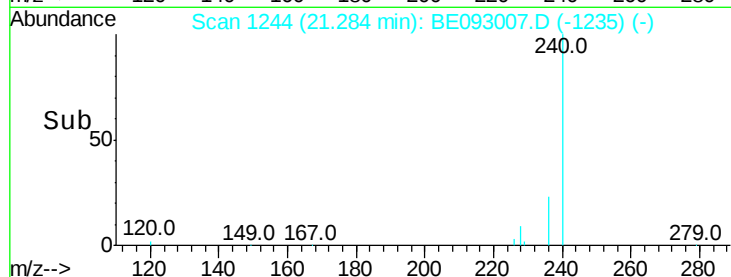
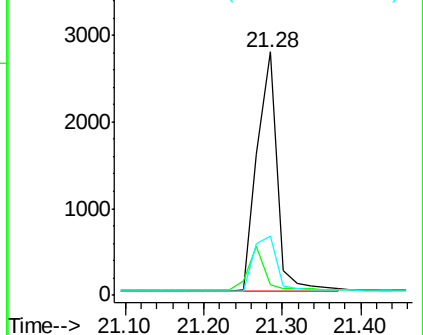
236 24.2 20.8 31.2



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: 0.37 ng

RT: 19.53 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

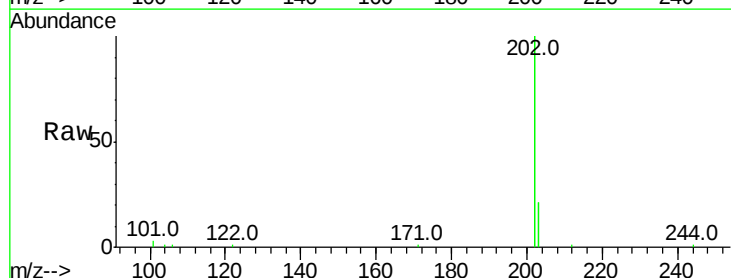
Tgt Ion:202 Resp: 22902

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

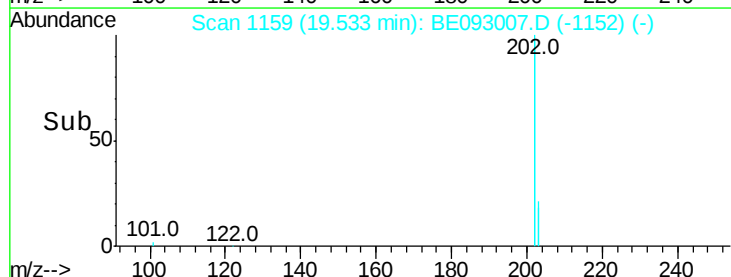
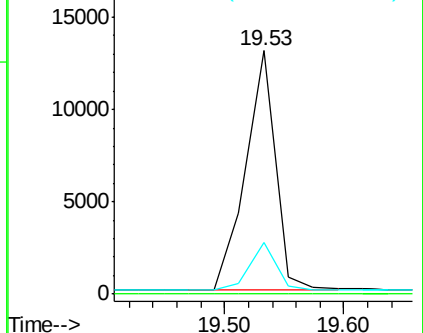
203 17.9 13.7 20.5

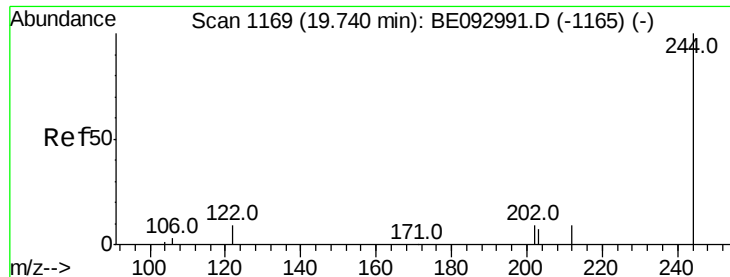


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.37 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

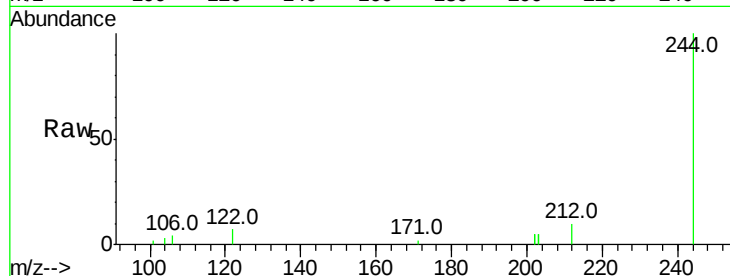
Tot Ion:244 Resp: 3316

Ion Ratio Lower Upper

244 100

212 10.1 10.6 16.0#

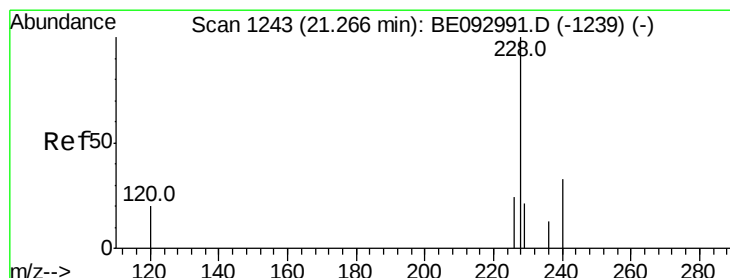
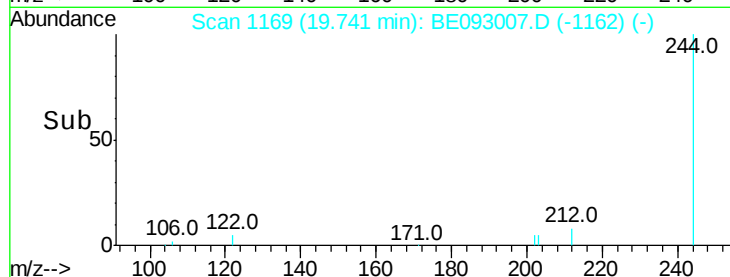
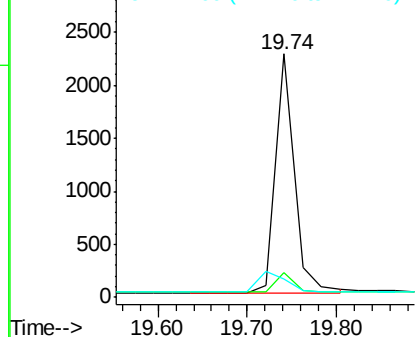
122 7.3 15.4 23.0#



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: 0.39 ng

RT: 21.25 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

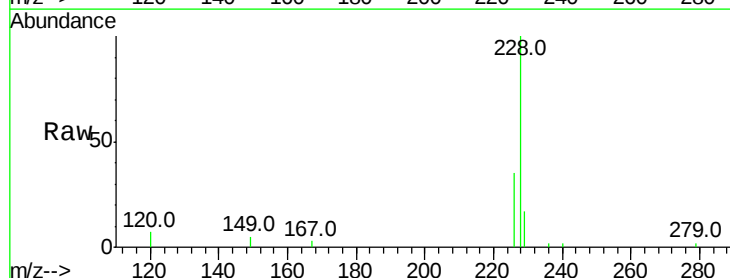
Tgt Ion:228 Resp: 4729

Ion Ratio Lower Upper

228 100

226 34.5 19.7 29.5#

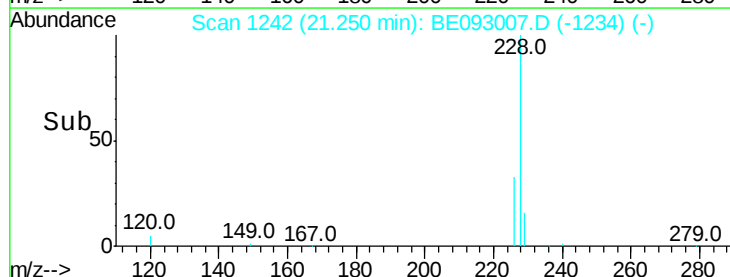
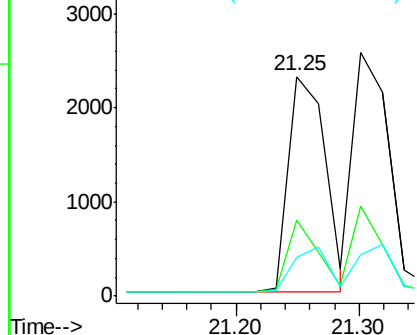
229 17.4 19.2 28.8#

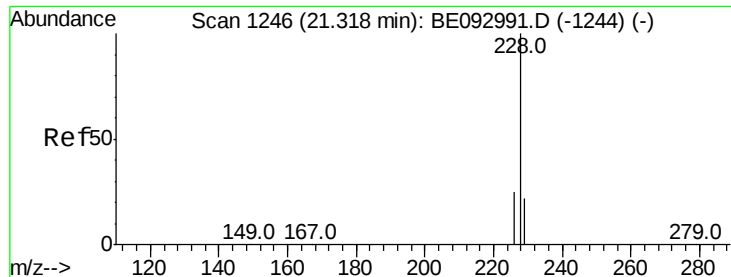


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.34 ng

RT: 21.30 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

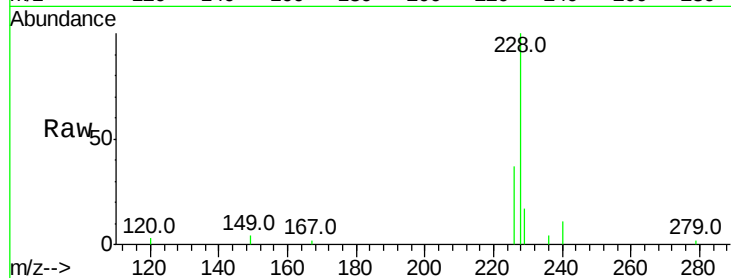
Tot Ion:228 Resp: 5270

Ion Ratio Lower Upper

228 100

226 37.0 21.5 32.3#

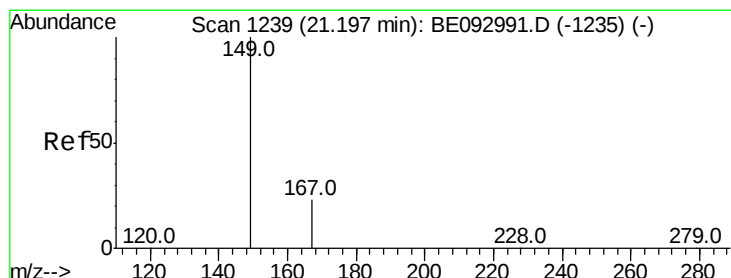
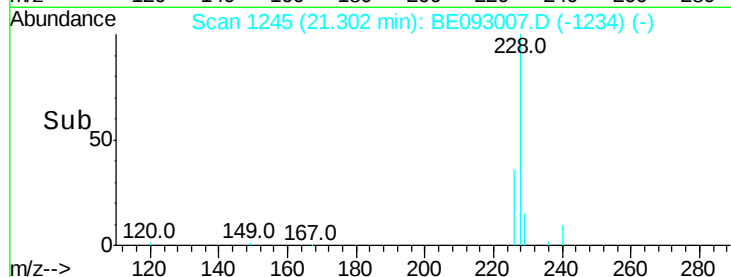
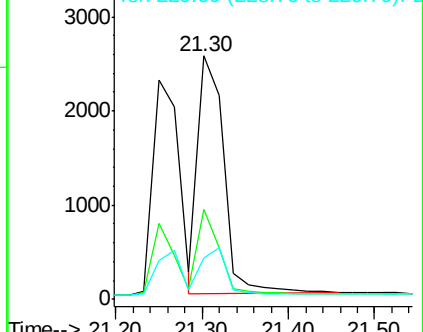
229 17.1 18.6 28.0#



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: 0.53 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

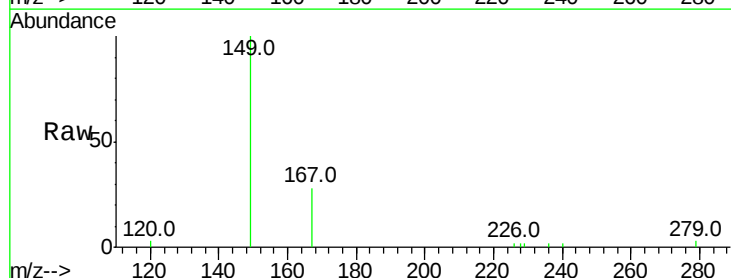
Tgt Ion:149 Resp: 2636

Ion Ratio Lower Upper

149 100

167 26.2 20.1 30.1

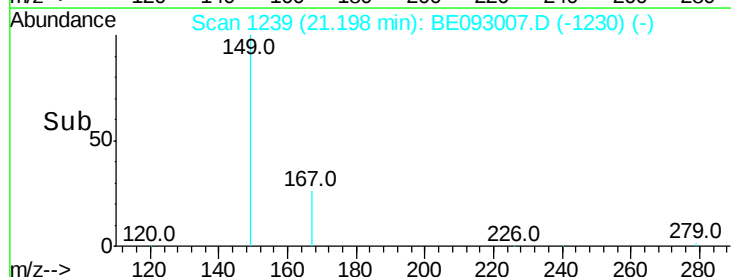
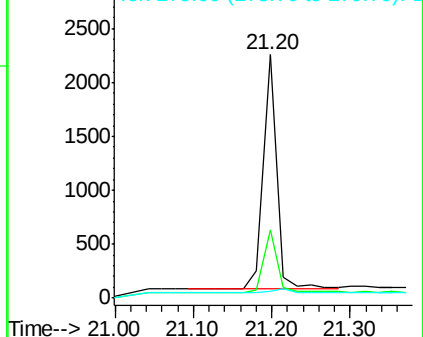
279 2.4 2.2 3.4

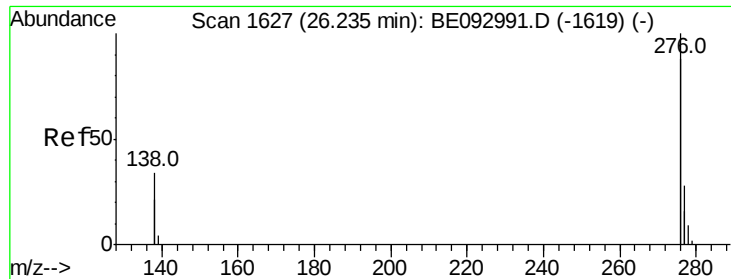


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.40 ng

RT: 26.24 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :

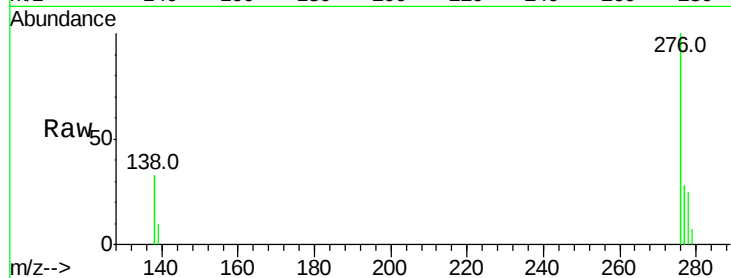
Tot Ion:276 Resp: 19482

Ion Ratio Lower Upper

276 100

138 33.0 27.4 41.2

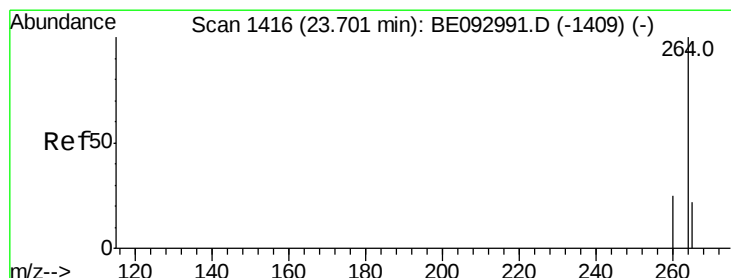
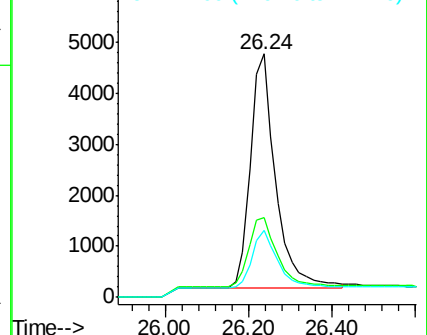
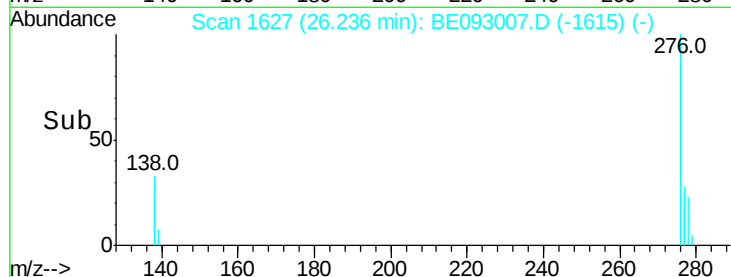
277 24.7 20.1 30.1



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: 23.70 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE093007.D

Acq: 11 May 2017 22:28

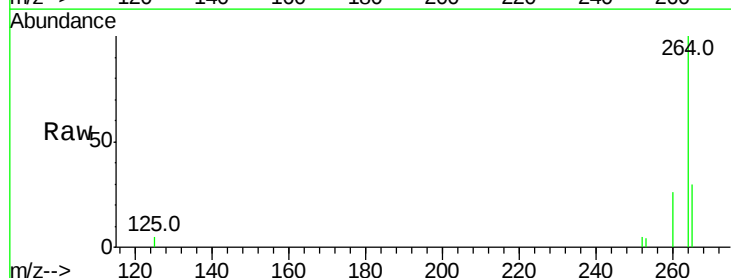
Tgt Ion:264 Resp: 4298

Ion Ratio Lower Upper

264 100

260 26.1 21.0 31.4

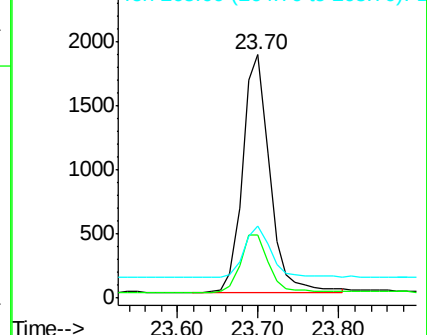
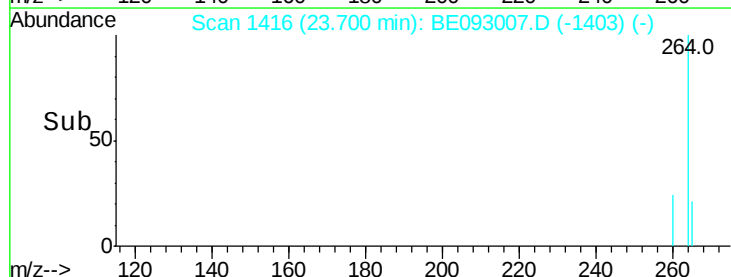
265 29.5 24.6 36.8

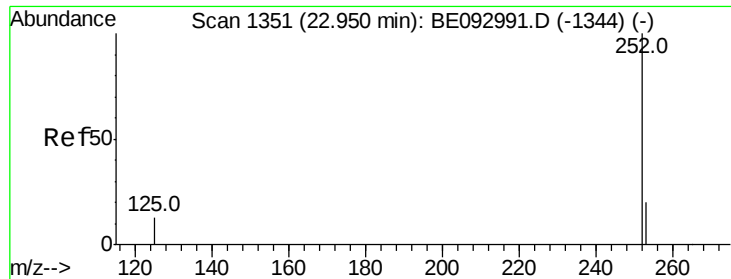


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

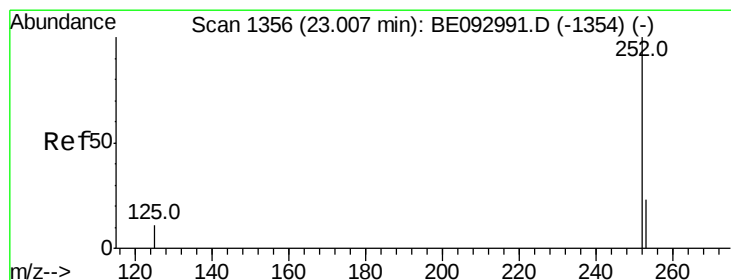
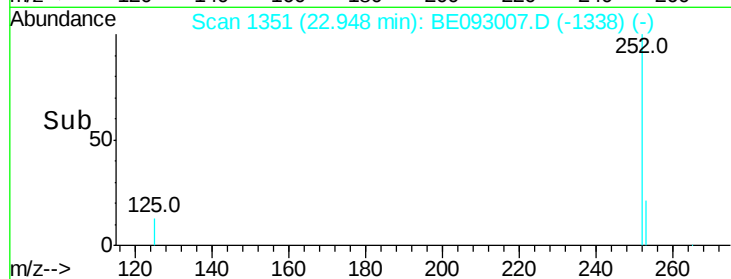
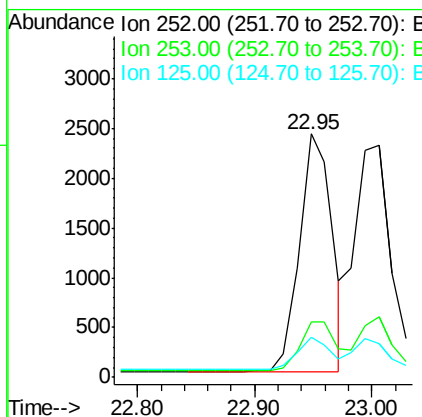
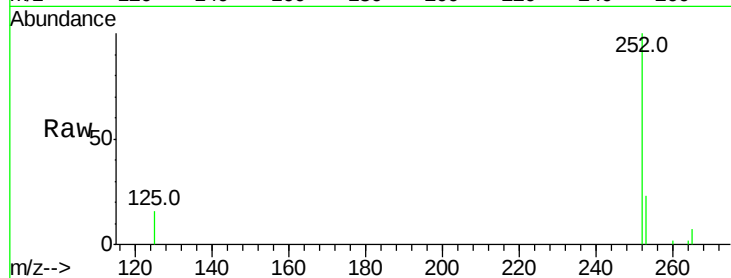




#35
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 22.95 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

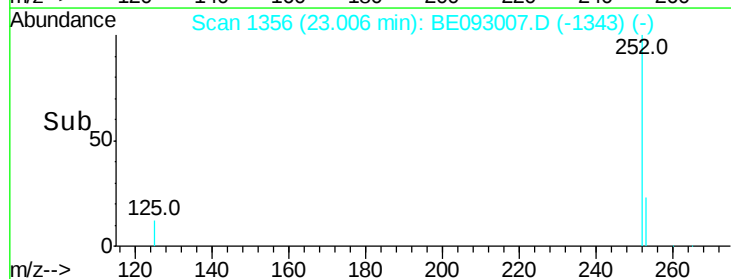
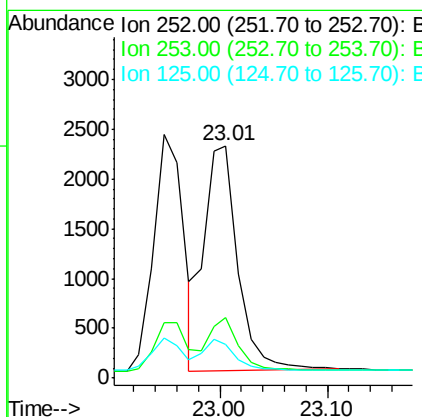
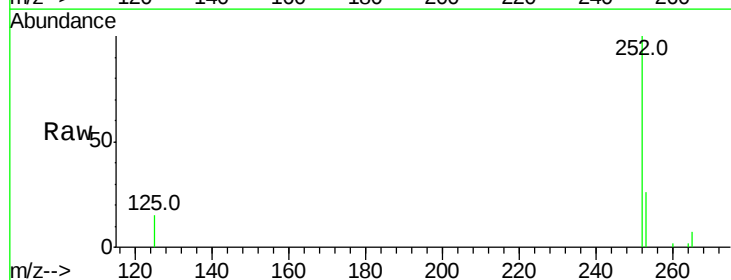
Instrument :
BNA_E
ClientSampleId :

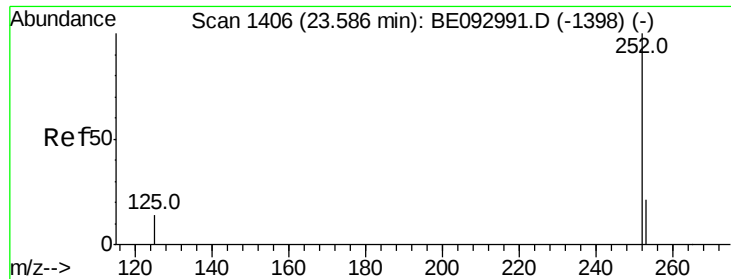
Tot Ion:252 Resp: 4601
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 16.2 13.4 20.0



#36
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.01 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:252 Resp: 4886
Ion Ratio Lower Upper
252 100
253 25.8 20.3 30.5
125 14.7 12.2 18.4

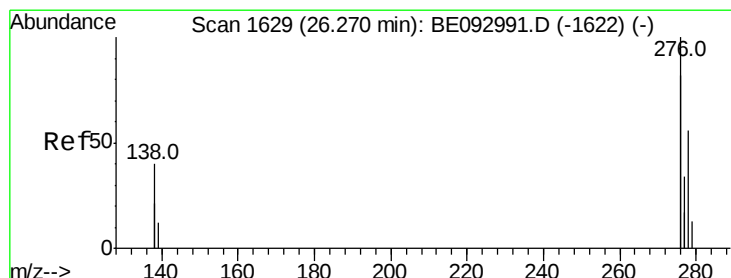
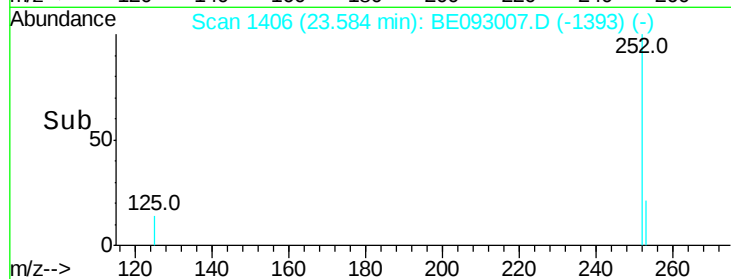
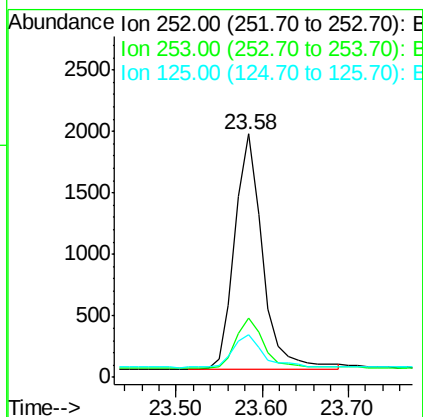
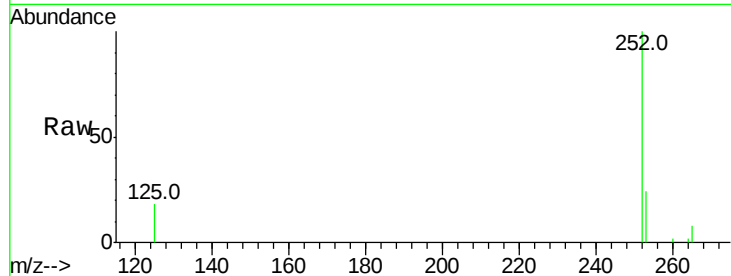




#37
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.58 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

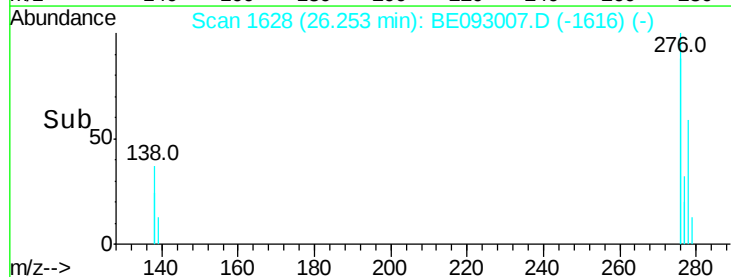
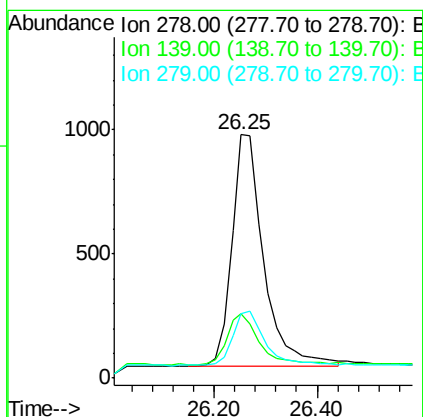
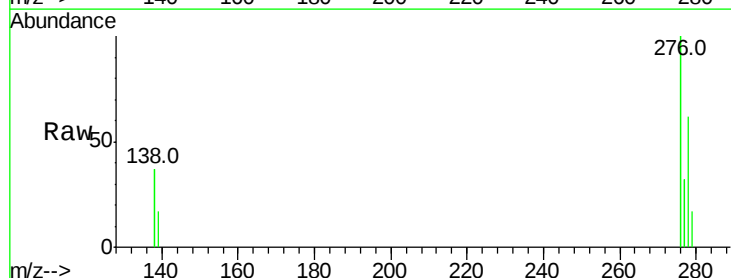
Instrument :
BNA_E
ClientSampleId :

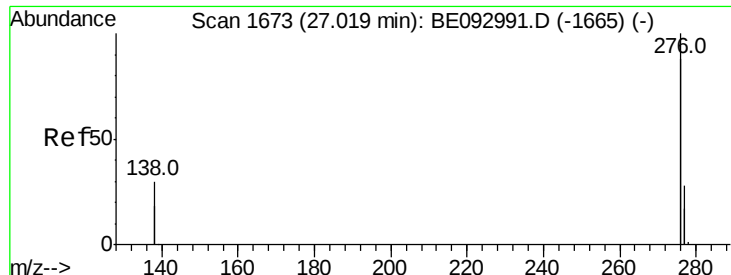
Tot Ion:252 Resp: 4308
Ion Ratio Lower Upper
252 100
253 24.3 19.9 29.9
125 17.6 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:278 Resp: 4057
Ion Ratio Lower Upper
278 100
139 26.7 21.4 32.0
279 26.7 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.36 ng

RT: 27.00 min Scan# 1672

Delta R.T. 0.00 min

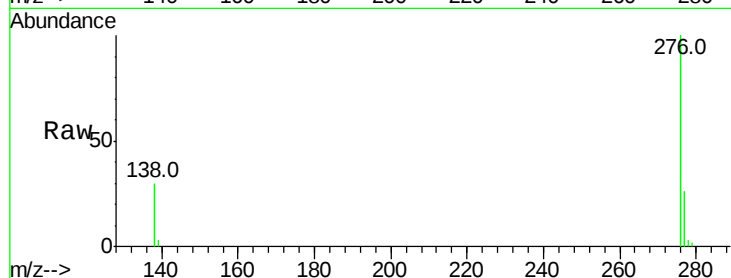
Lab File: BE093007.D

Acq: 11 May 2017 22:28

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 17911

Ion Ratio Lower Upper

276 100

277 26.2 21.2 31.8

138 30.0 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

