

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082817\
 Data File : BE093893.D
 Acq On : 28 Aug 2017 12:11
 Operator : SJ/JU
 Sample : PB101832BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 28 12:51:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 11:26:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1677	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	7211	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3931	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9567	0.40	ng	0.00
27) Chrysene-d12	21.42	240	11806	0.40	ng	0.00
34) Perylene-d12	23.93	264	9651	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1687	0.33	ng	0.00
5) Phenol-d6	7.10	99	2253	0.29	ng	0.00
8) Nitrobenzene-d5	9.06	82	2016	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5064	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	323	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	4932	0.32	ng	0.00
25) Fluoranthene-d10	19.28	212	42553	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	8745	0.41	ng	0.00

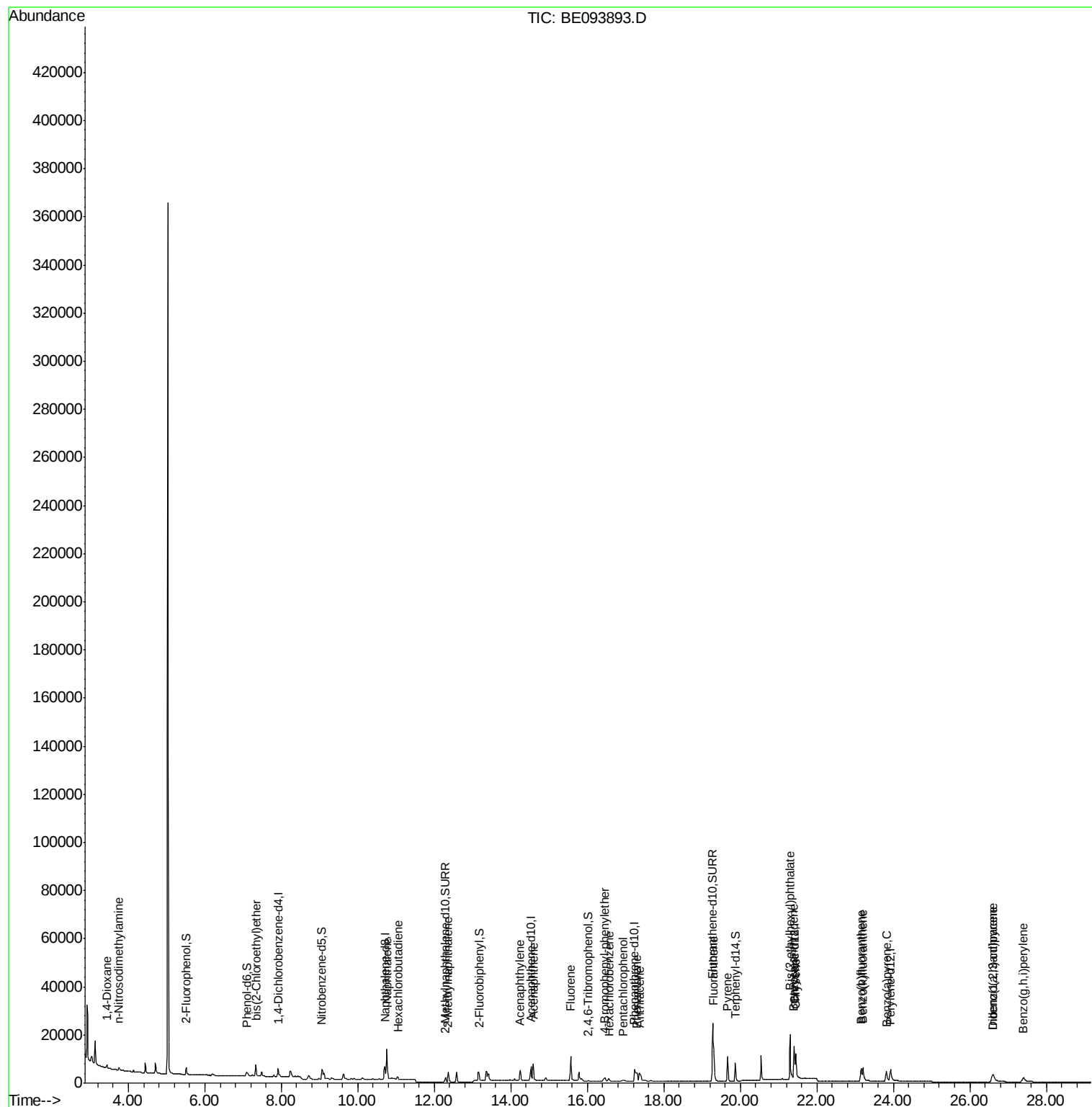
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	749	0.325	ng	# 39
3) n-Nitrosodimethylamine	3.75	42	826	0.322	ng	# 93
6) bis(2-Chloroethyl)ether	7.34	93	1823	0.300	ng	98
9) Naphthalene	10.76	128	24849	0.303	ng	100
10) Hexachlorobutadiene	11.04	225	920	0.317	ng	98
12) 2-Methylnaphthalene	12.36	142	4163	0.303	ng	99
16) Acenaphthylene	14.24	152	5873	0.302	ng	100
17) Acenaphthene	14.58	154	3986	0.304	ng	99
18) Fluorene	15.56	166	5440	0.320	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1279	0.326	ng	91
21) Hexachlorobenzene	16.58	284	1035	0.289	ng	# 100
22) Pentachlorophenol	16.94	266	536	0.357	ng	97
23) Phenanthrene	17.30	178	7674	0.316	ng	# 99
24) Anthracene	17.37	178	7540	0.260	ng	# 99
26) Fluoranthene	19.31	202	11740	0.352	ng	100
28) Pyrene	19.67	202	11898	0.300	ng	100
30) Benzo(a)anthracene	21.39	228	10733	0.306	ng	97
31) Chrysene	21.45	228	11811	0.303	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	23658	0.320	ng	100
33) Indeno(1,2,3-cd)pyrene	26.59	276	7690	0.289	ng	96
35) Benzo(b)fluoranthene	23.16	252	9103	0.295	ng	99
36) Benzo(k)fluoranthene	23.20	252	10845	0.308	ng	97
37) Benzo(a)pyrene	23.82	252	9286	0.304	ng	98
38) Dibenzo(a,h)anthracene	26.61	278	5331	0.247	ng	95
39) Benzo(g,h,i)perylene	27.40	276	6926	0.295	ng	98

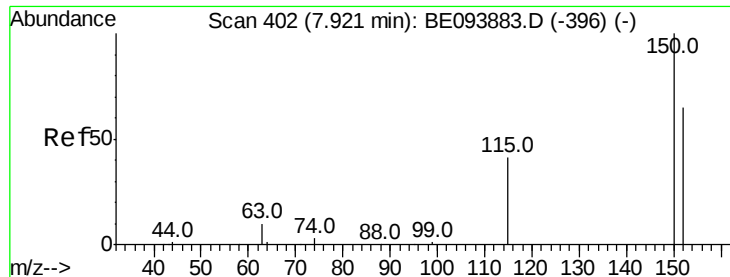
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082817\
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Quant Time: Aug 28 12:51:32 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 11:26:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

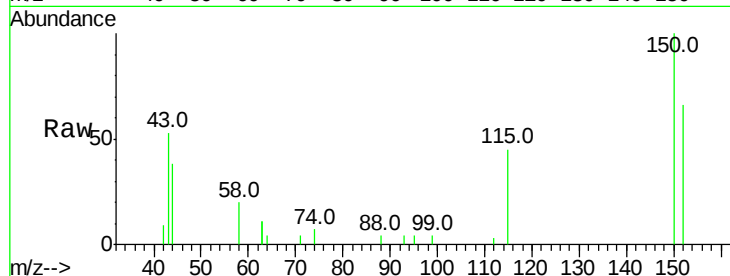
Tot Ion:152 Resp: 1677

Ion Ratio Lower Upper

152 100

150 152.0 121.8 182.6

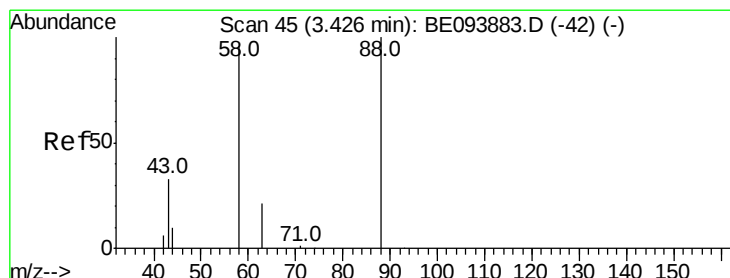
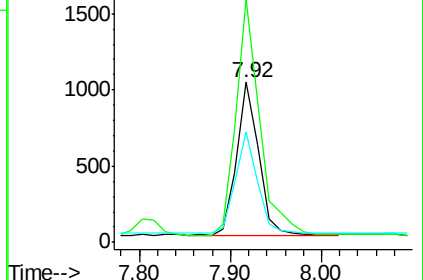
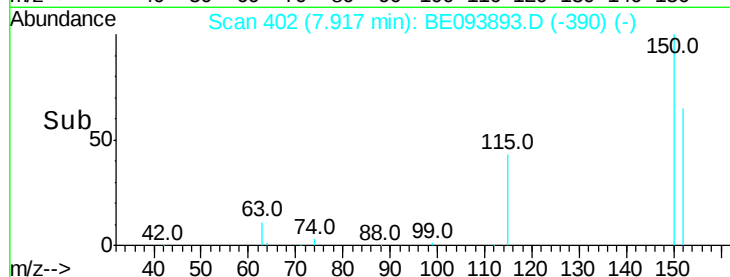
115 69.2 52.6 79.0



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: 0.325 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

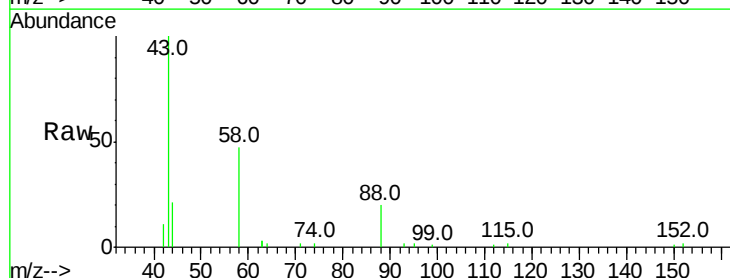
Tgt Ion: 88 Resp: 749

Ion Ratio Lower Upper

88 100

58 138.1 65.4 98.0#

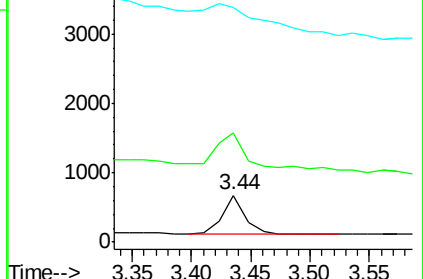
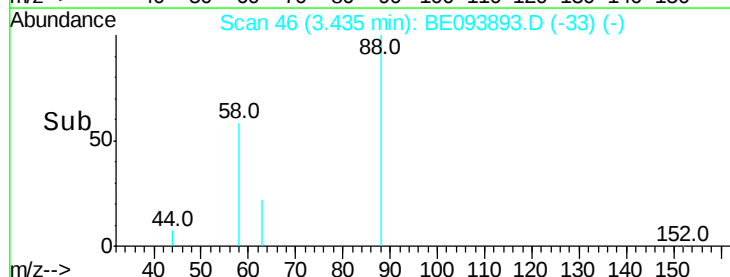
43 0.0 23.9 35.9#

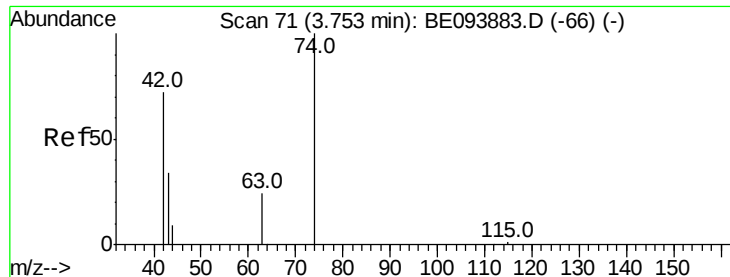


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



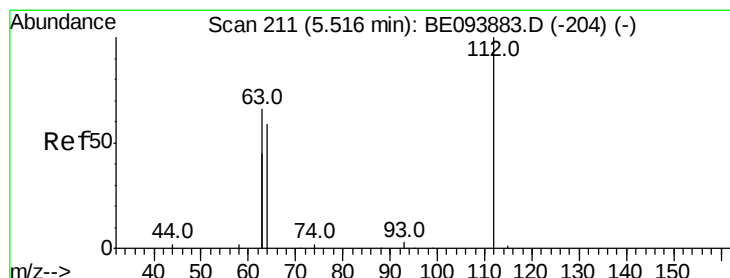
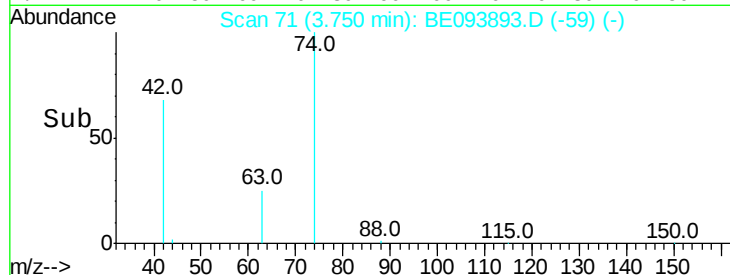
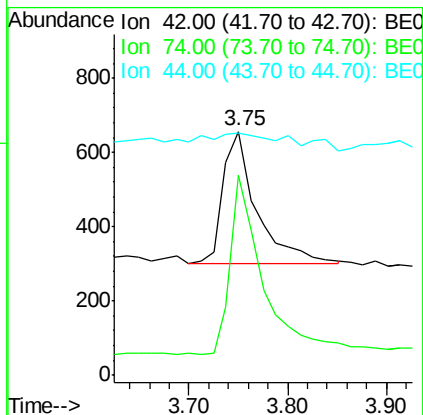
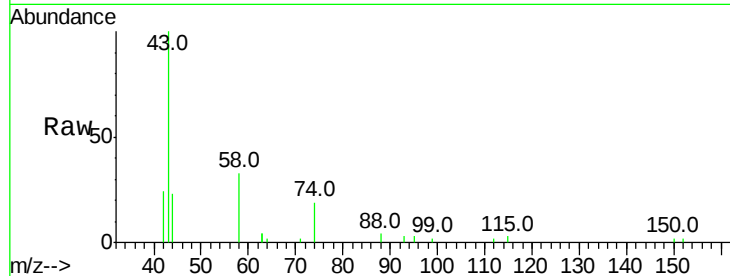


#3

n-Nitrosodimethylamine
 Concen: 0.322 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: BE093893.D
 Acq: 28 Aug 2017 12:11

Instrument :
 BNA_E
 ClientSampled :

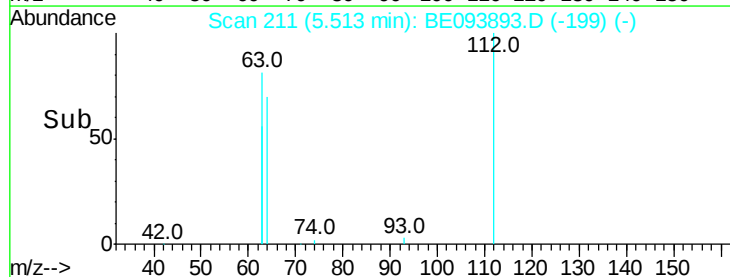
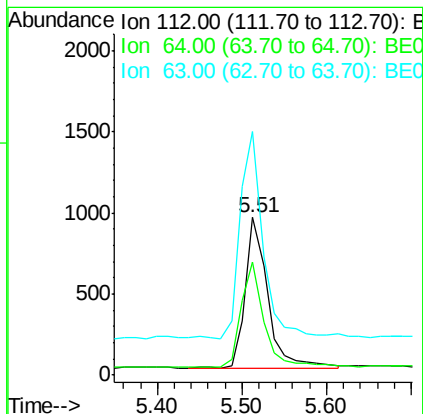
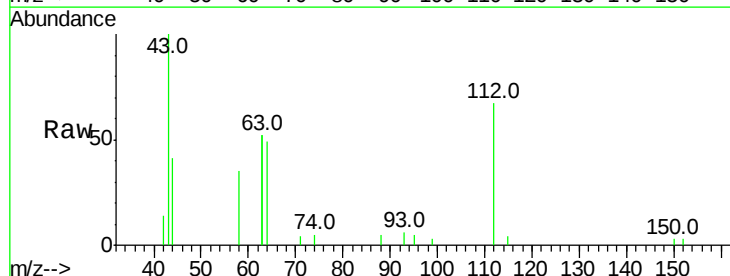
Tot Ion: 42 Resp: 826
 Ion Ratio Lower Upper
 42 100
 74 132.9 104.0 156.0
 44 33.4 13.8 20.8#

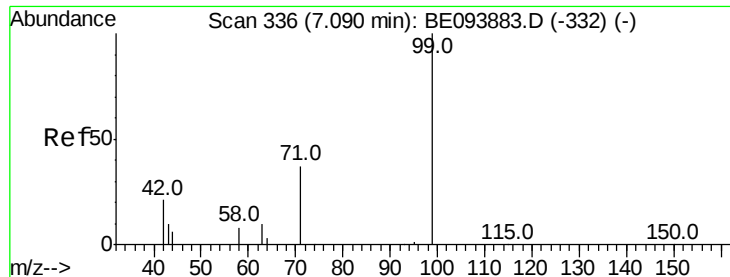


#4

2-Fluorophenol
 Concen: 0.327 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE093893.D
 Acq: 28 Aug 2017 12:11

Tgt Ion: 112 Resp: 1687
 Ion Ratio Lower Upper
 112 100
 64 71.5 57.7 86.5
 63 141.8 116.0 174.0





#5

Phenol-d6

Concen: 0.286 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

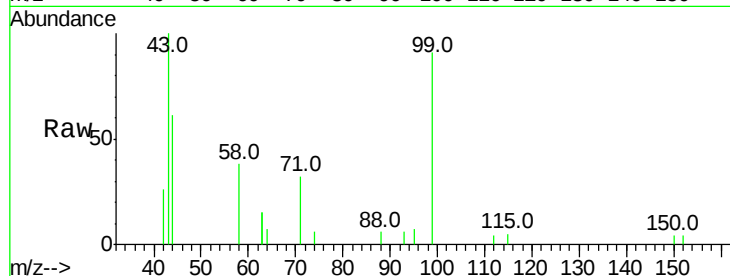
Tot Ion: 99 Resp: 2253

Ion Ratio Lower Upper

99 100

42 19.4 17.1 25.7

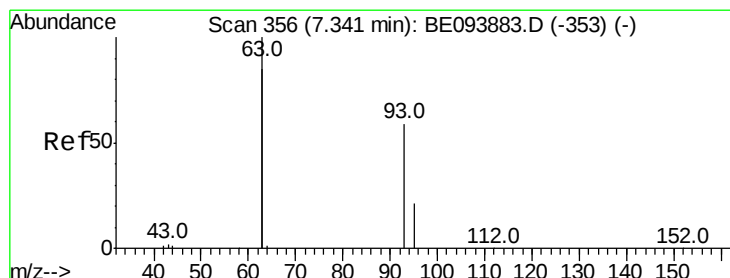
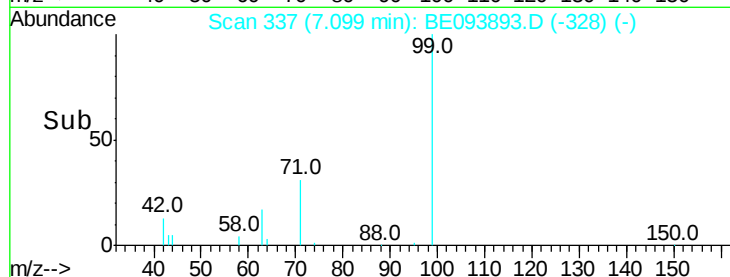
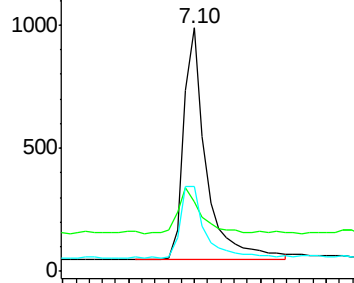
71 33.8 26.6 39.8



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: 0.300 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

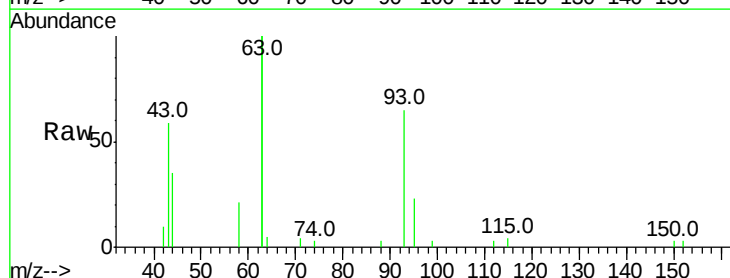
Tgt Ion: 93 Resp: 1823

Ion Ratio Lower Upper

93 100

63 350.9 283.4 425.2

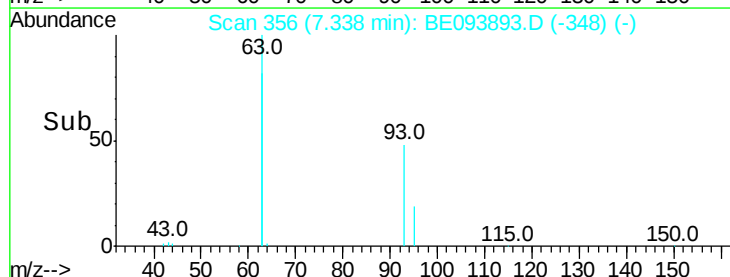
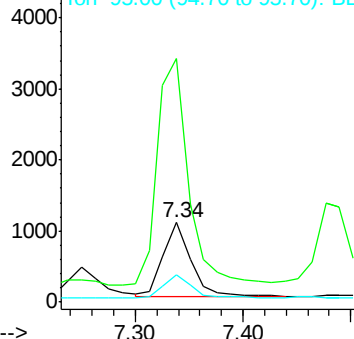
95 31.3 26.9 40.3

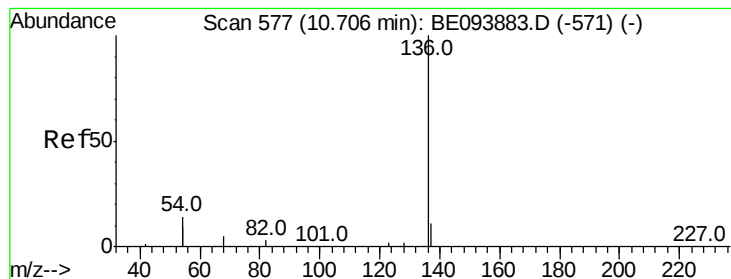


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7211

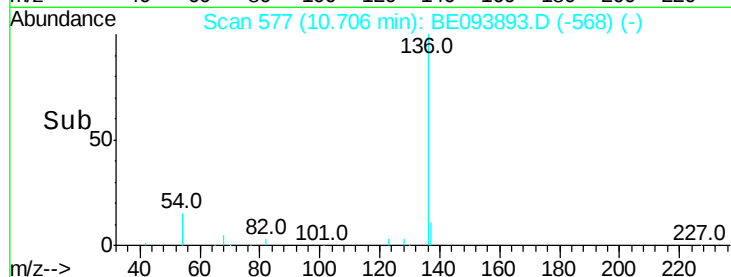
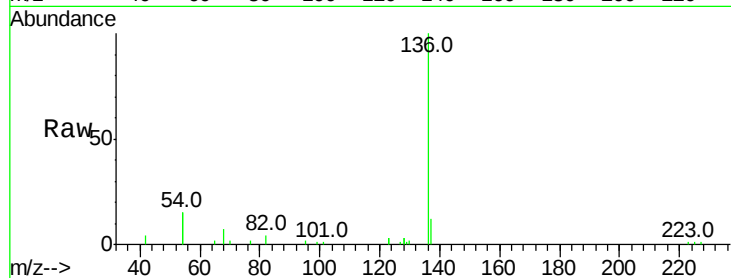
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 30.0 21.9 32.9

68 6.6 4.6 7.0

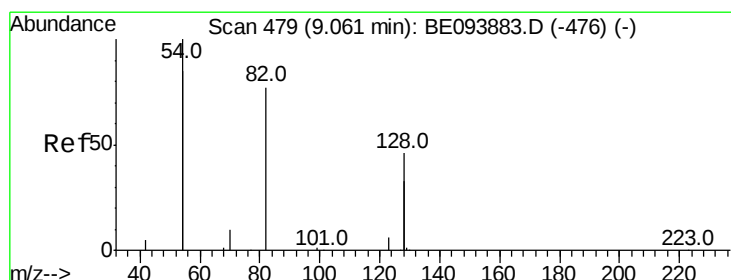
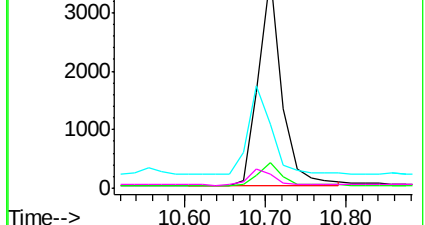


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.336 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

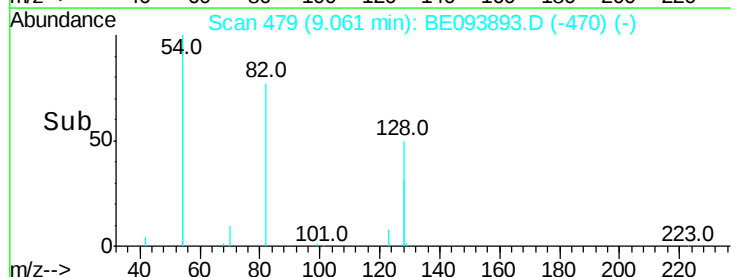
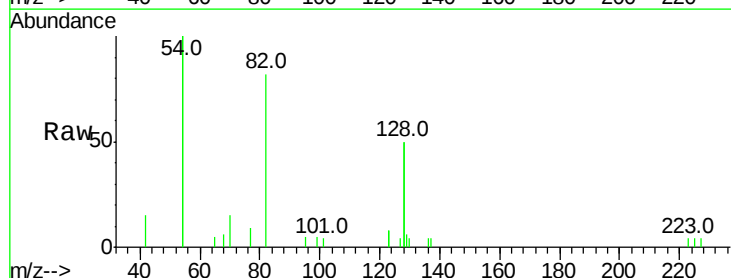
Tgt Ion: 82 Resp: 2016

Ion Ratio Lower Upper

82 100

128 122.6 91.4 137.0

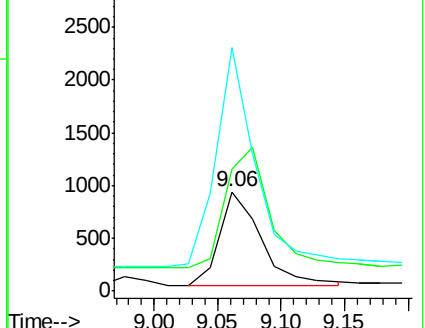
54 245.3 197.8 296.8

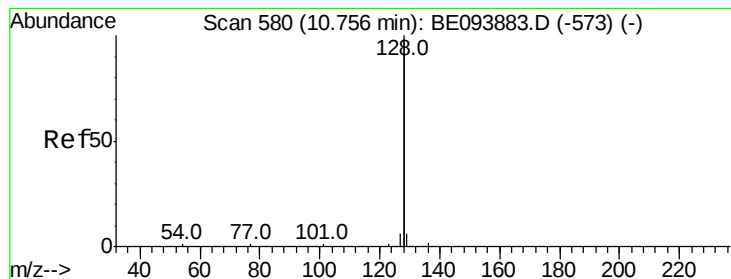


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.303 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

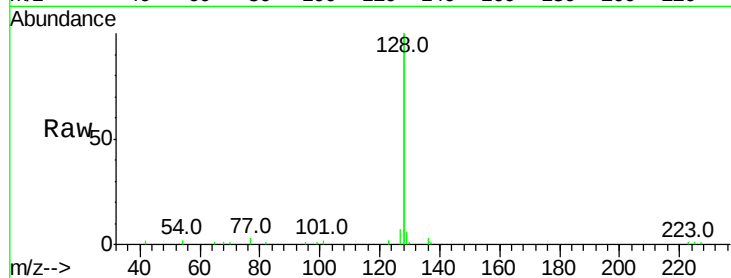
Tot Ion:128 Resp: 24849

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

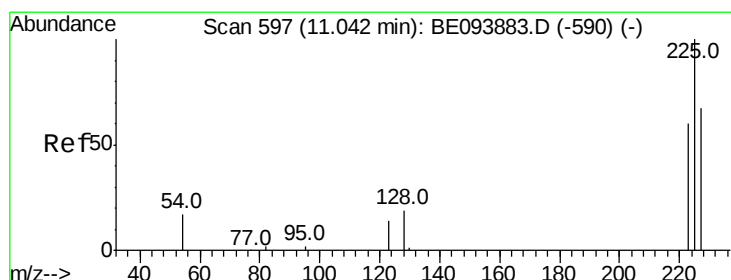
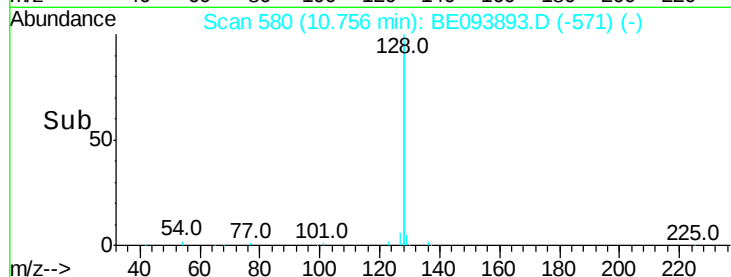
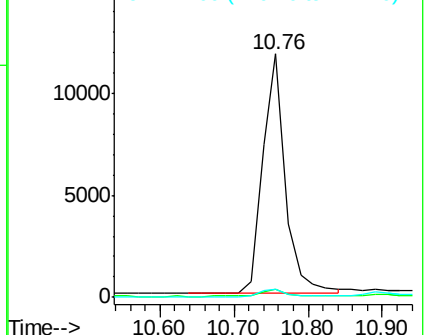
127 3.4 2.6 4.0



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: 0.317 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

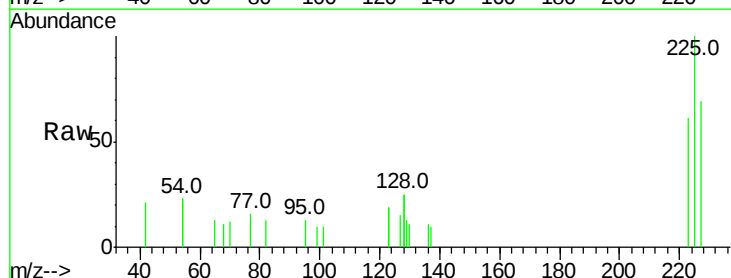
Tgt Ion:225 Resp: 920

Ion Ratio Lower Upper

225 100

223 61.0 49.4 74.0

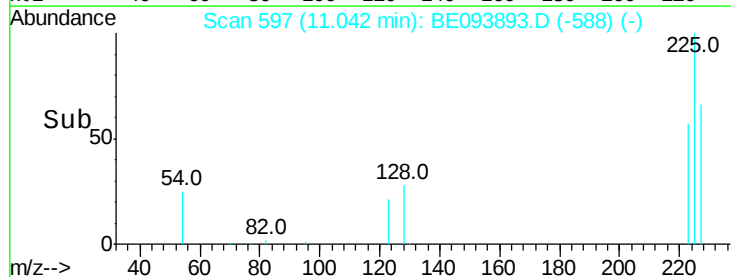
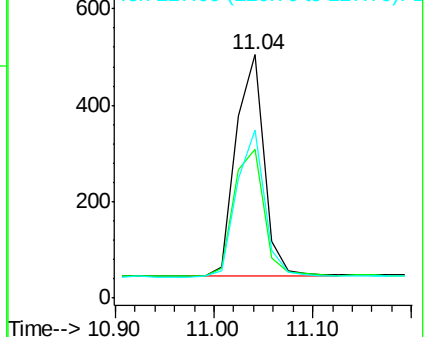
227 65.2 50.5 75.7

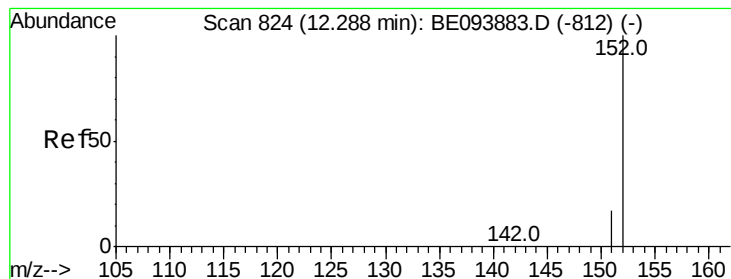


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.444 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

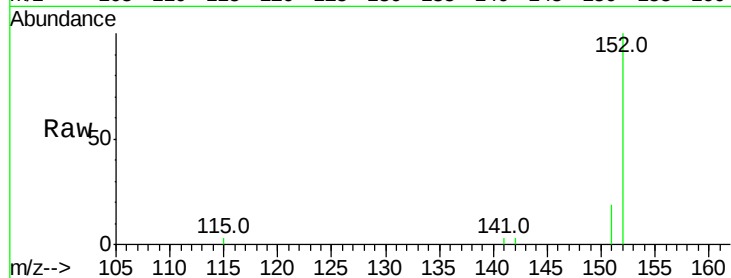
ClientSampleId :

Tot Ion:152 Resp: 5064

Ion Ratio Lower Upper

152 100

151 14.1 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

2000

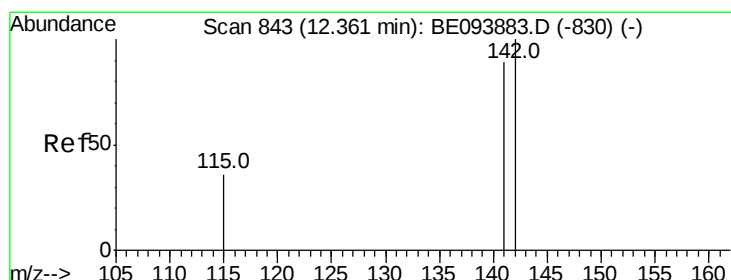
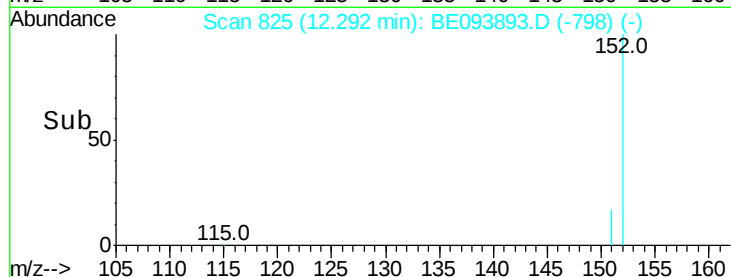
1500

1000

500

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.303 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

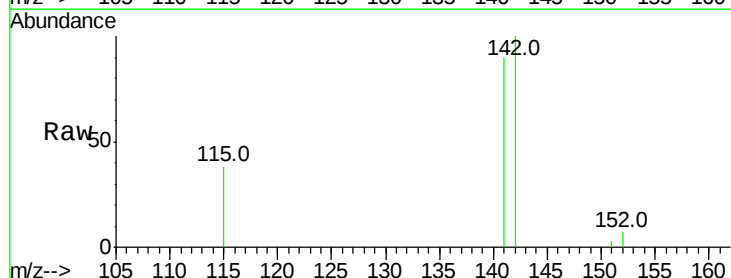
Tgt Ion:142 Resp: 4163

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.2

115 37.5 29.4 44.0



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

2500

2000

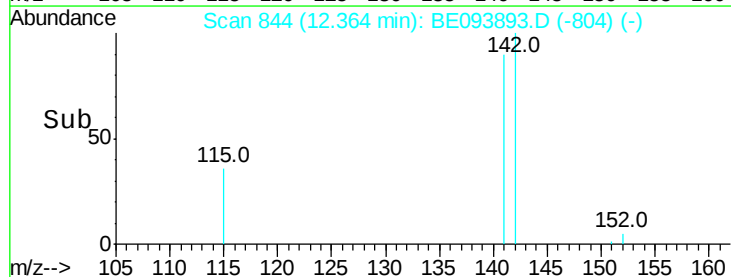
1500

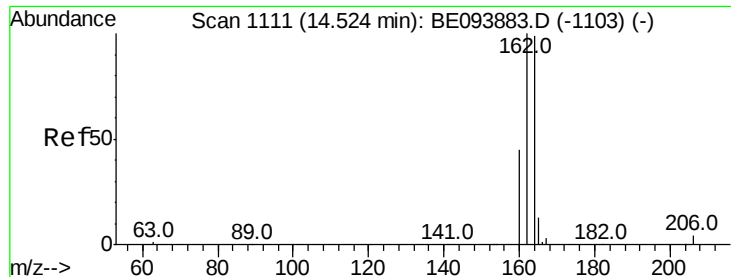
1000

500

0

Time--> 12.30 12.40 12.50

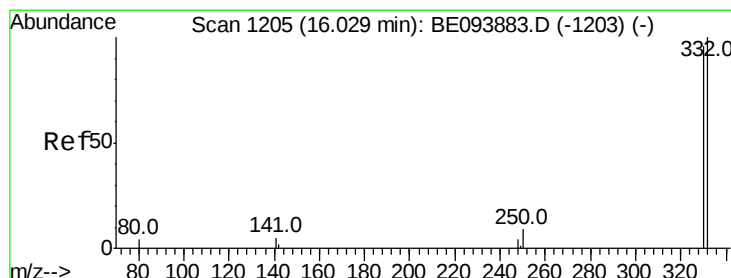
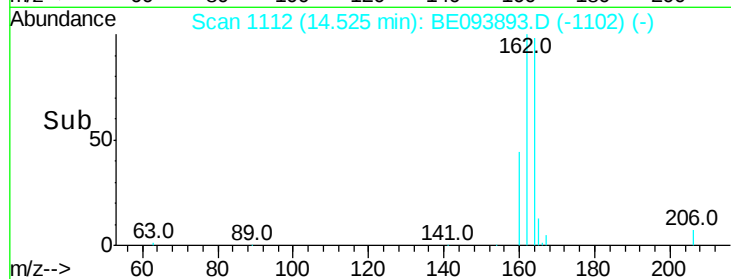
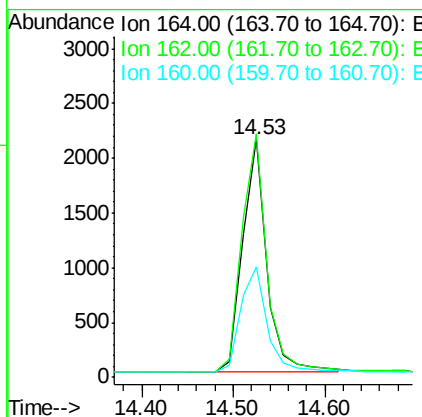
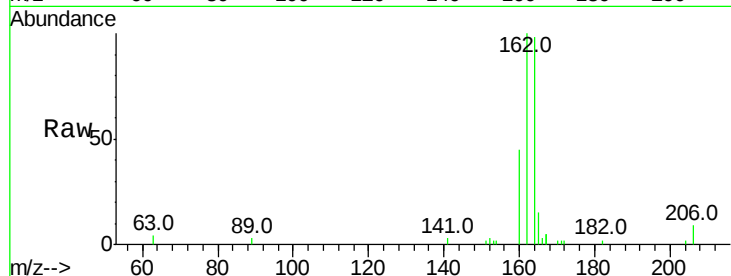




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093893.D
 Acq: 28 Aug 2017 12:11

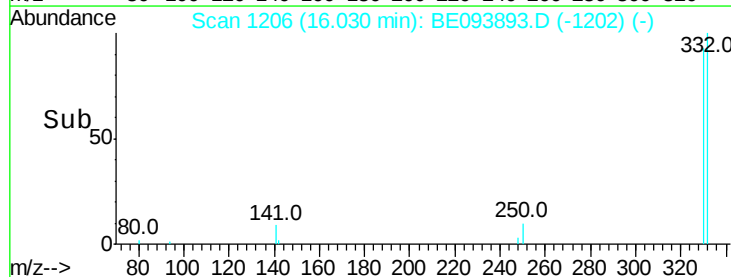
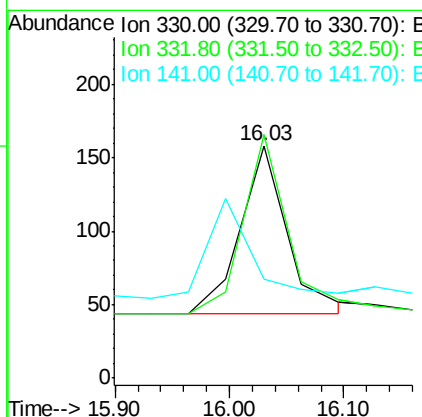
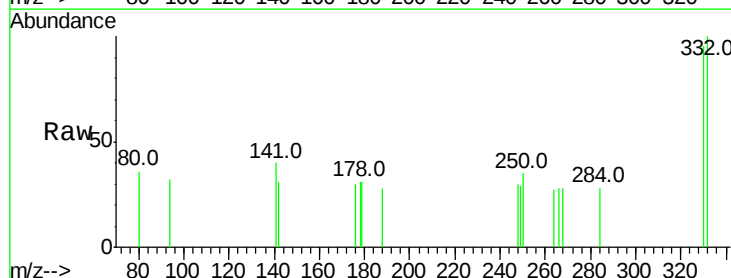
Instrument :
 BNA_E
 ClientSampleId :

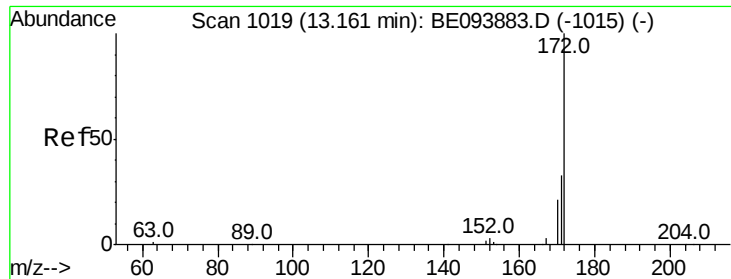
Tot Ion:164 Resp: 3931
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.8 121.2
 160 46.3 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.307 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093893.D
 Acq: 28 Aug 2017 12:11

Tgt Ion:330 Resp: 323
 Ion Ratio Lower Upper
 330 100
 332 101.9 76.9 115.3
 141 0.0 0.0 0.0

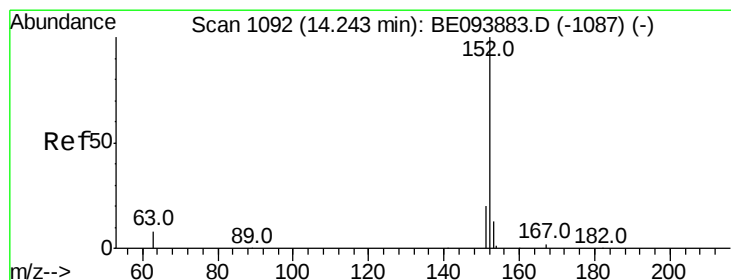
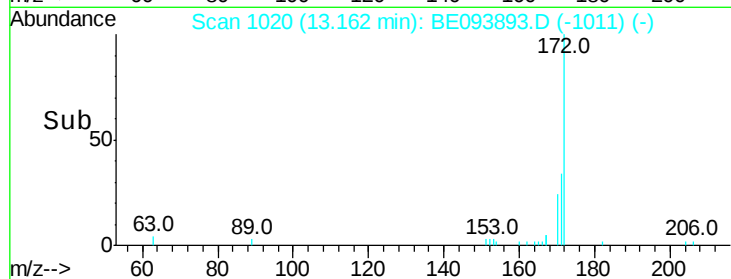
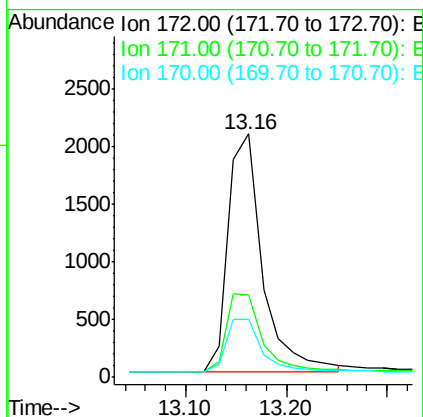
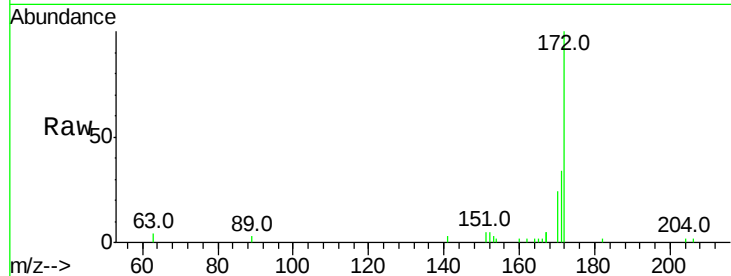




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093893.D
Acq: 28 Aug 2017 12:11

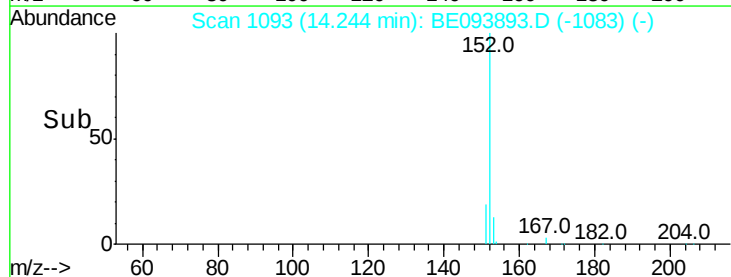
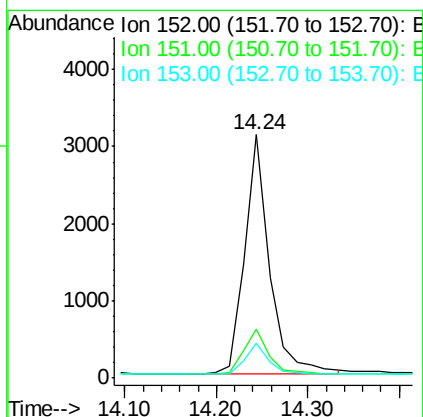
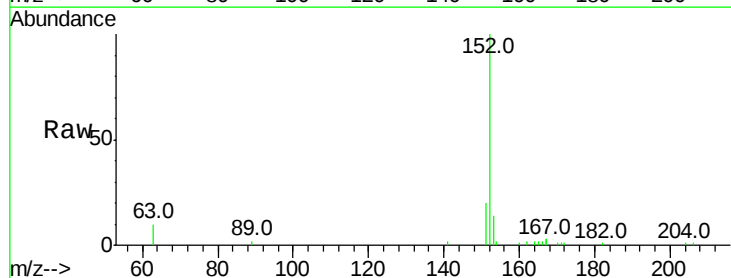
Instrument :
BNA_E
ClientSampled :

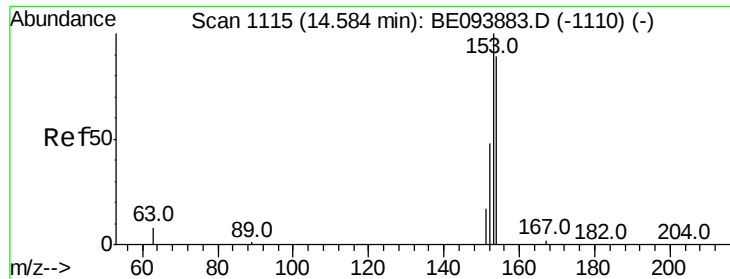
Tot Ion:172 Resp: 4932
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 23.9 17.3 25.9



#16
Acenaphthylene
Concen: 0.302 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093893.D
Acq: 28 Aug 2017 12:11

Tgt Ion:152 Resp: 5873
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.304 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

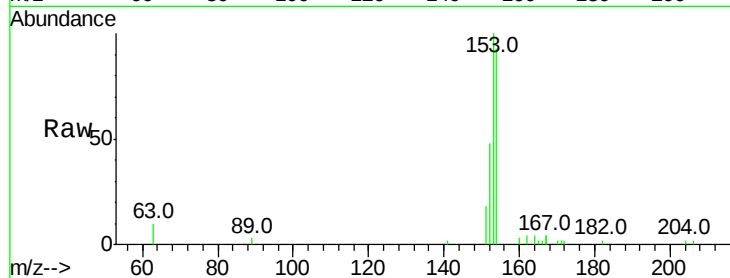
Tot Ion:154 Resp: 3986

Ion Ratio Lower Upper

154 100

153 113.3 91.8 137.6

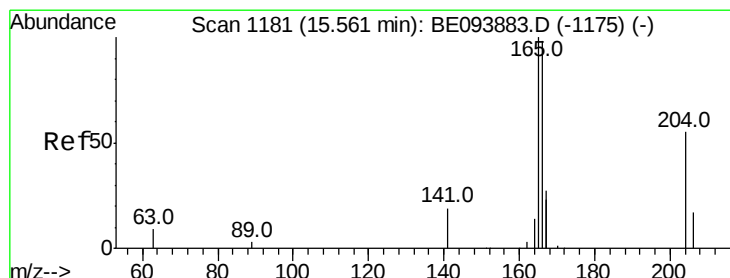
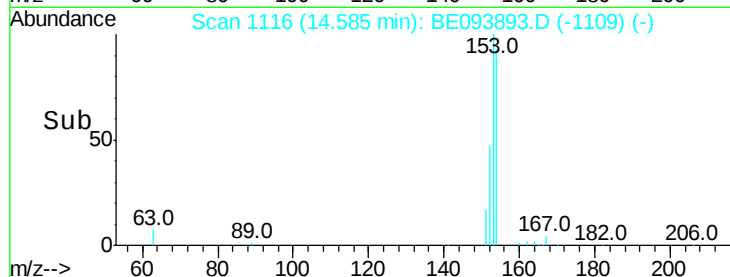
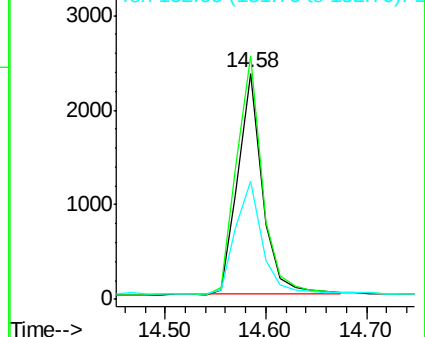
152 54.8 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.320 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

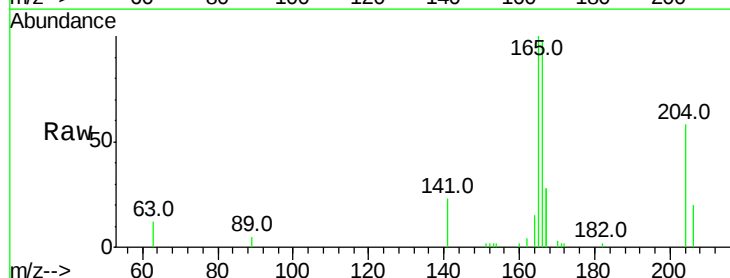
Tgt Ion:166 Resp: 5440

Ion Ratio Lower Upper

166 100

165 98.6 79.4 119.0

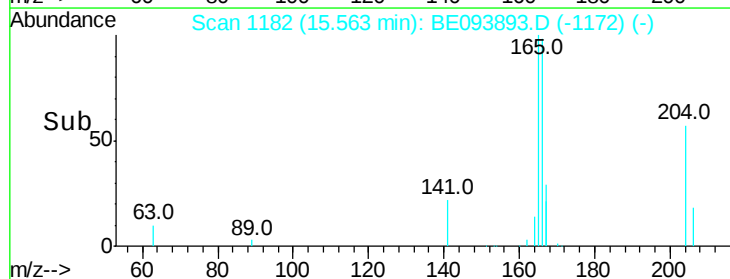
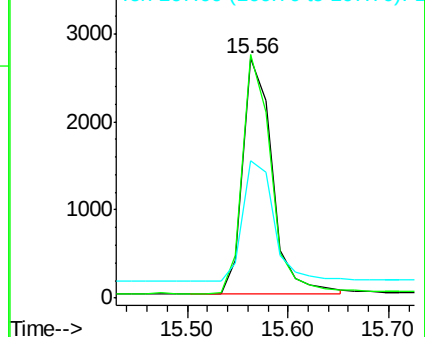
167 53.1 43.5 65.3

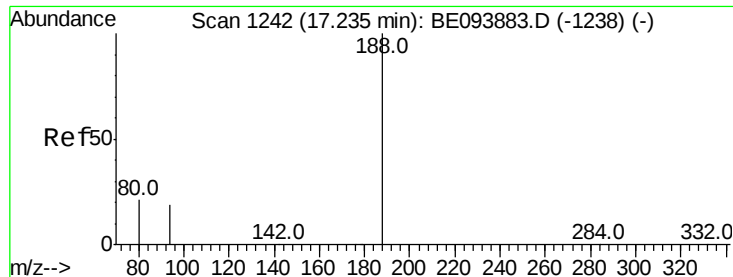


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

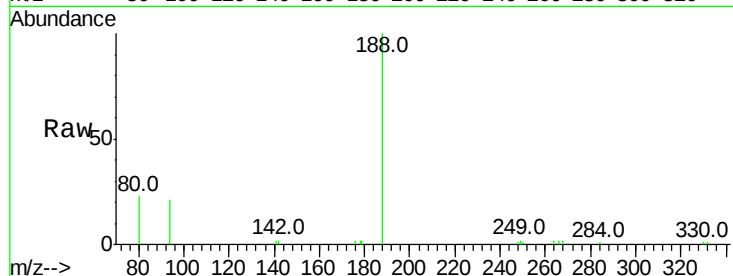
Tot Ion:188 Resp: 9567

Ion Ratio Lower Upper

188 100

94 20.7 16.1 24.1

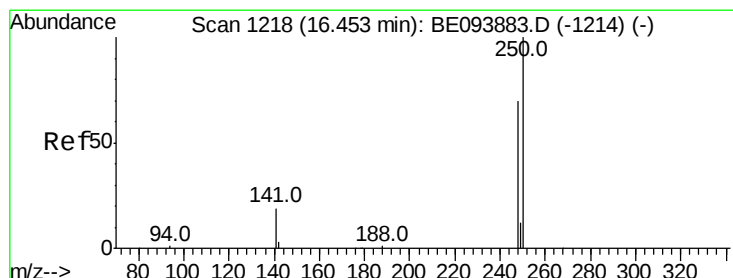
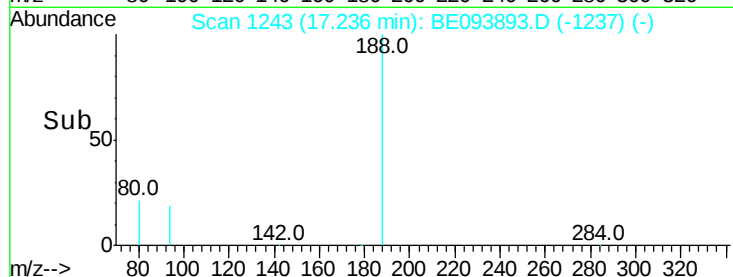
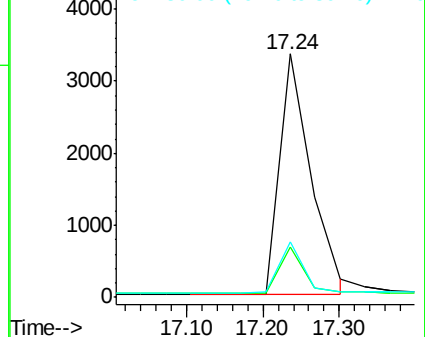
80 23.0 18.2 27.2



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: 0.326 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

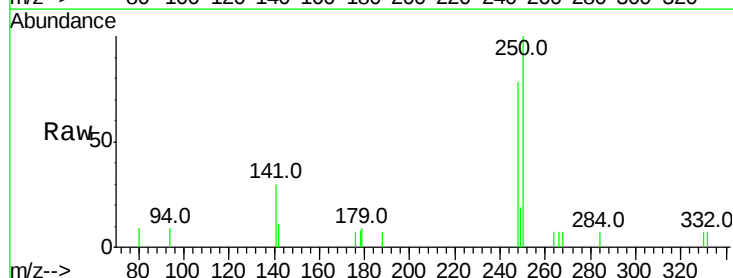
Tgt Ion:248 Resp: 1279

Ion Ratio Lower Upper

248 100

250 128.0 111.8 167.8

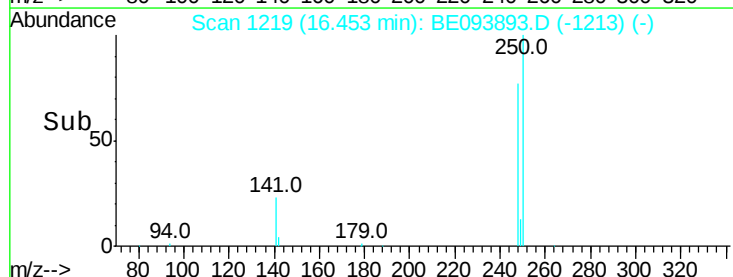
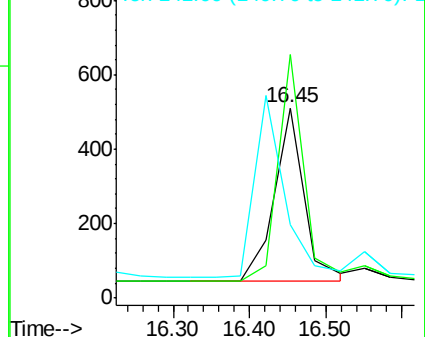
141 38.7 27.1 40.7

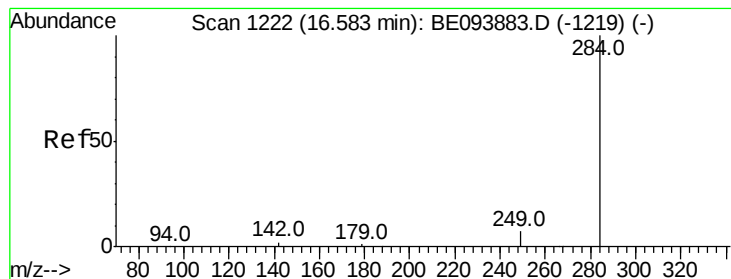


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.289 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

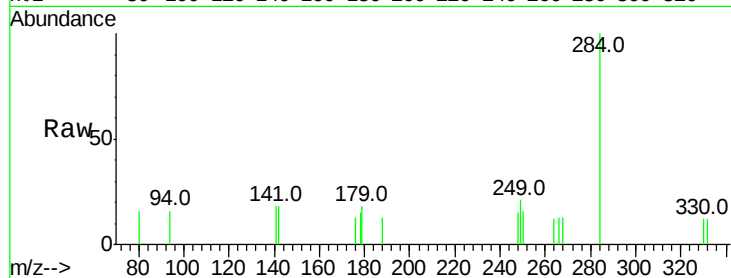
Tot Ion:284 Resp: 1035

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

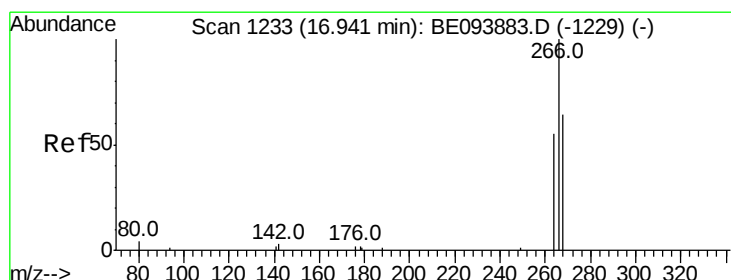
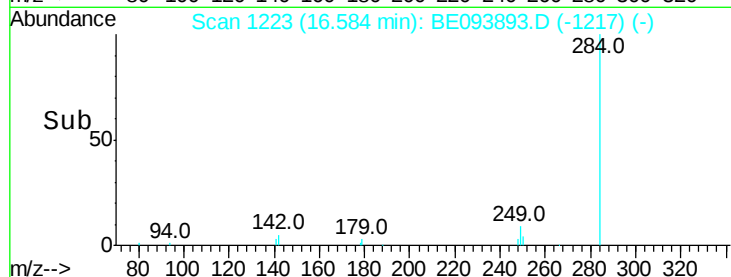
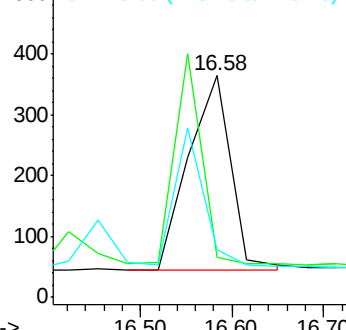
249 0.0 0.0 0.0



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: 0.357 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

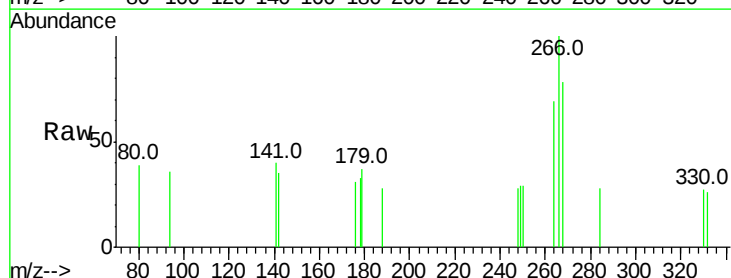
Tgt Ion:266 Resp: 536

Ion Ratio Lower Upper

266 100

264 68.6 53.5 80.3

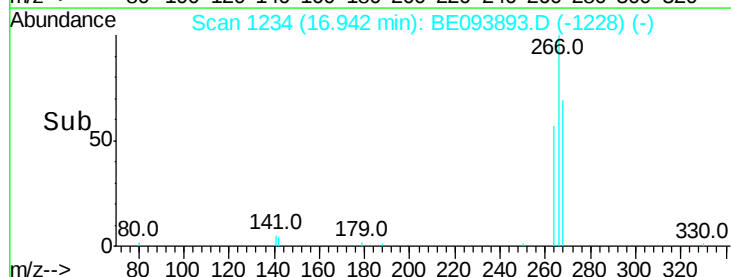
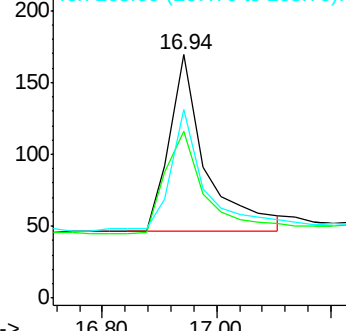
268 77.5 60.0 90.0

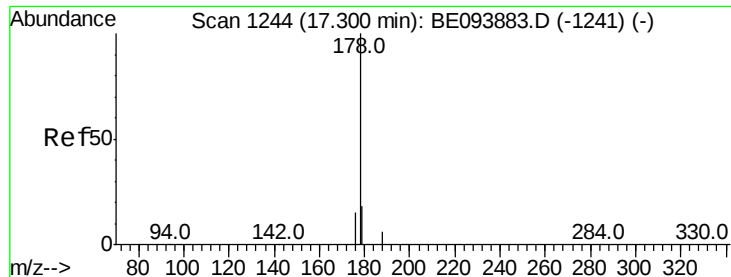


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.316 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

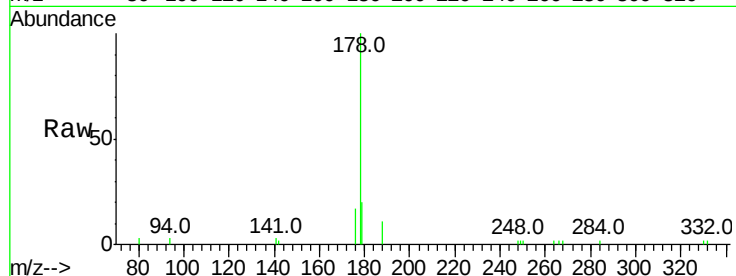
Tot Ion:178 Resp: 7674

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

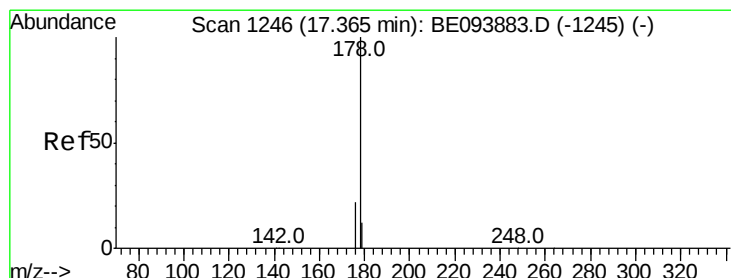
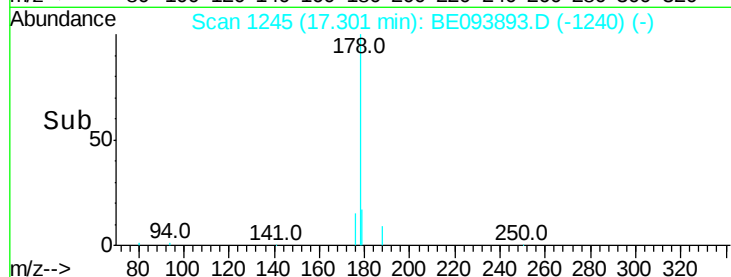
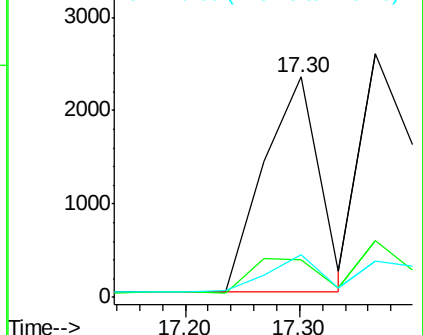
179 15.3 12.6 18.8



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: 0.260 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

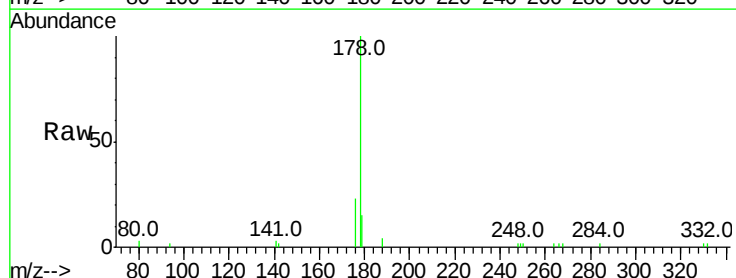
Tgt Ion:178 Resp: 7540

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

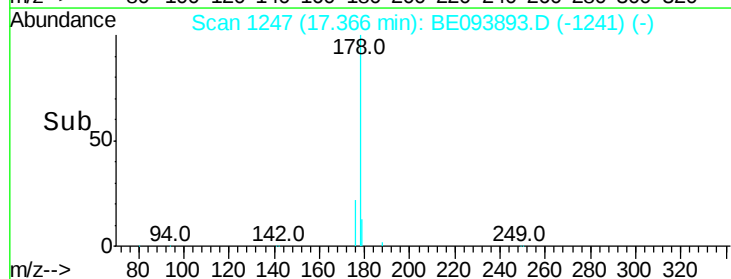
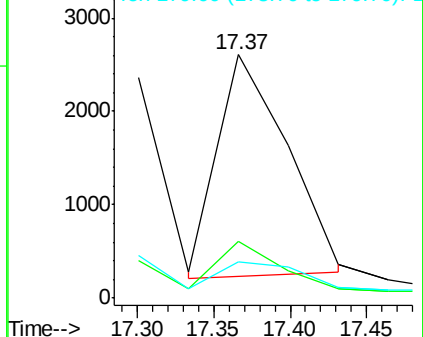
179 0.0 0.0 0.0

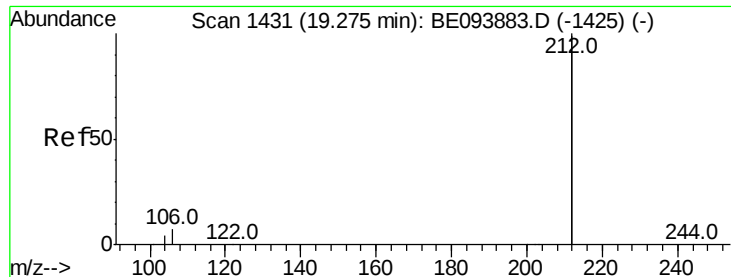


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

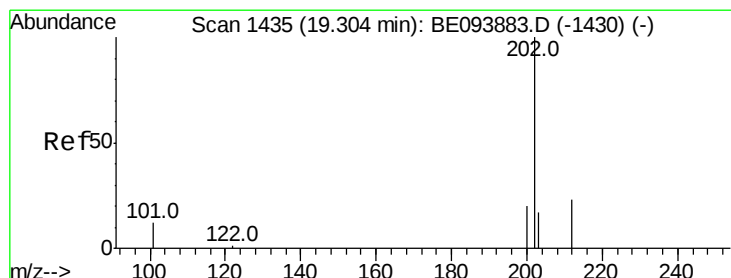
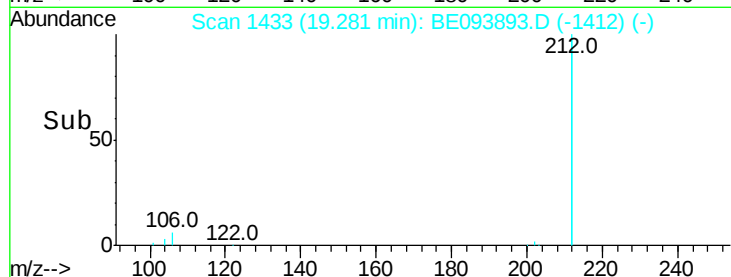
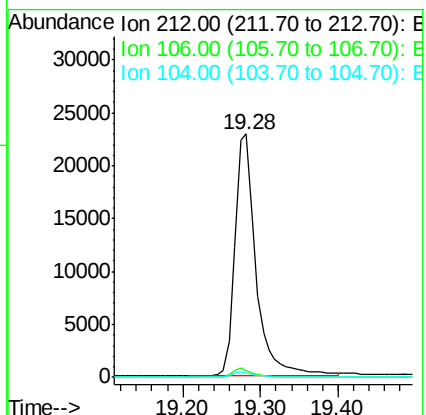
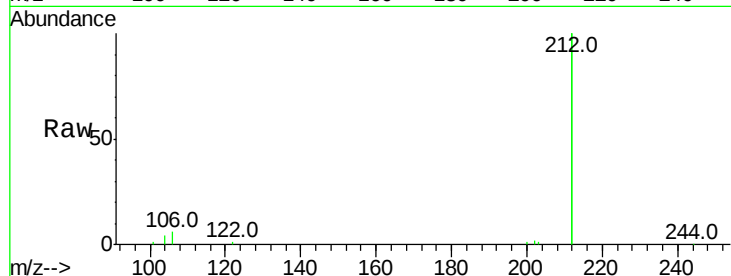
Tot Ion:212 Resp: 42553

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

104 1.9 1.6 2.4



#26

Fluoranthene

Concen: 0.352 ng

RT: 19.31 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

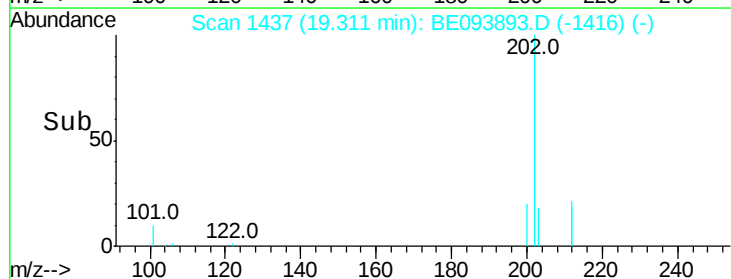
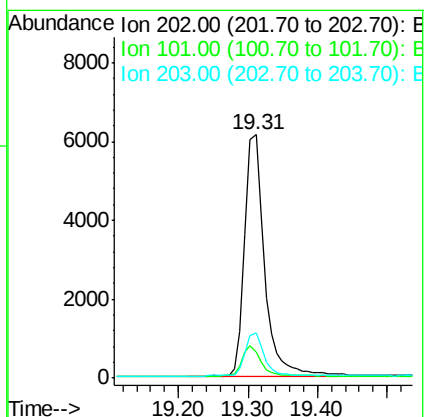
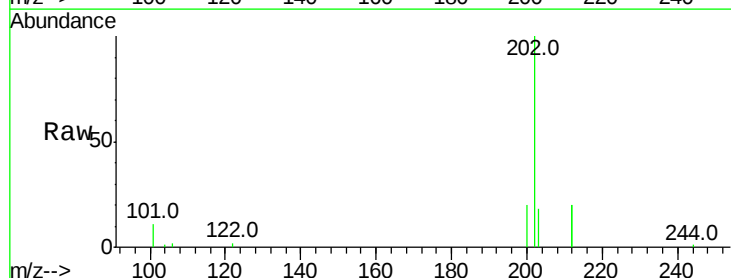
Tgt Ion:202 Resp: 11740

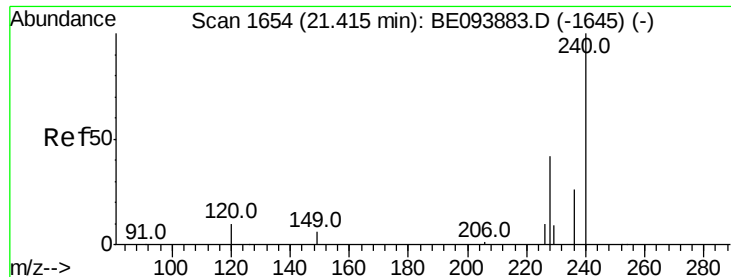
Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

203 16.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

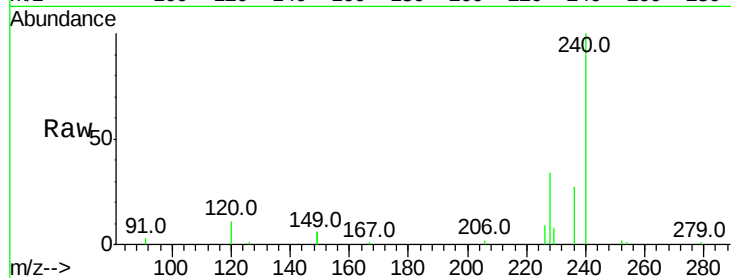
Instrument :

BNA_E

ClientSampleId :

Tot Ion:240 Resp: 11806

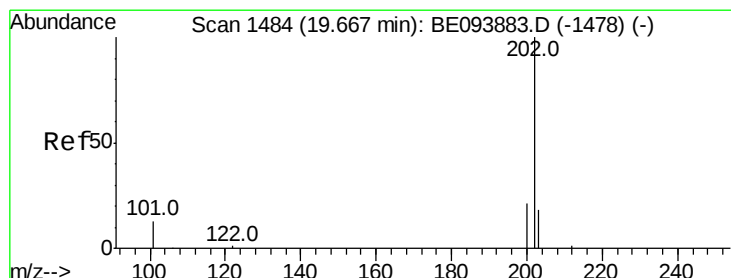
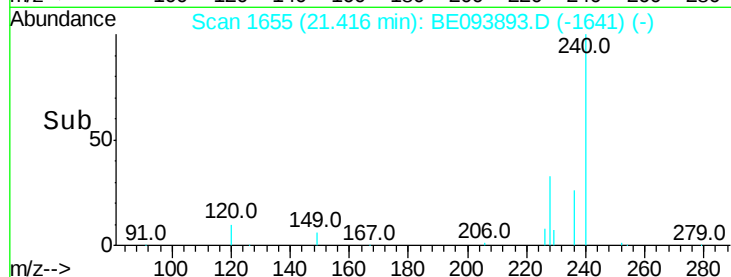
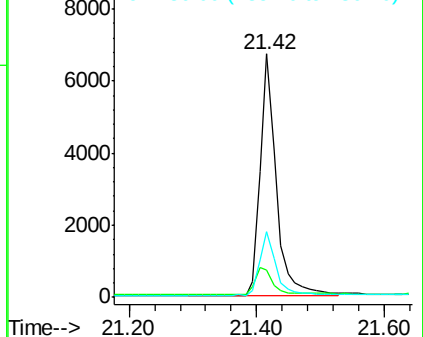
Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.7	13.1
236	27.1	21.3	31.9



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: 0.300 ng

RT: 19.67 min Scan# 1485

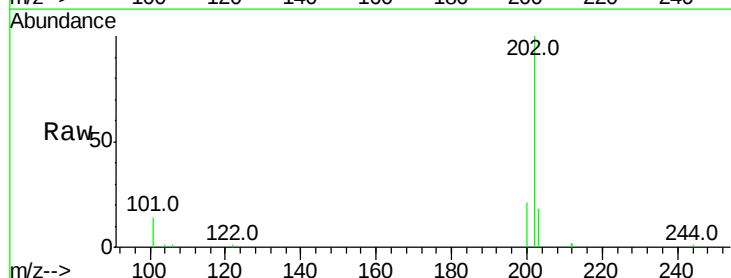
Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Tgt Ion:202 Resp: 11898

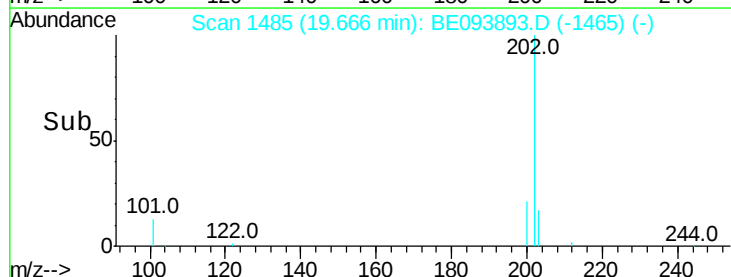
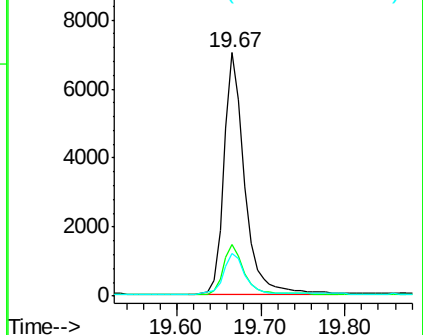
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.0	14.2	21.4

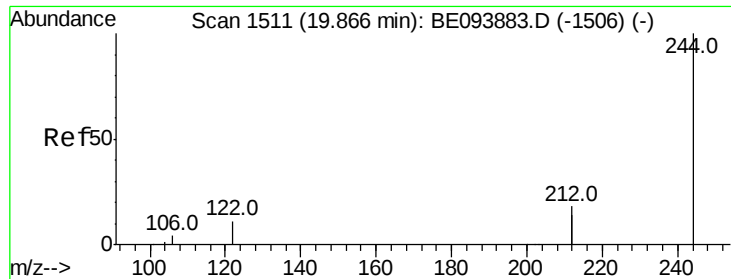


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

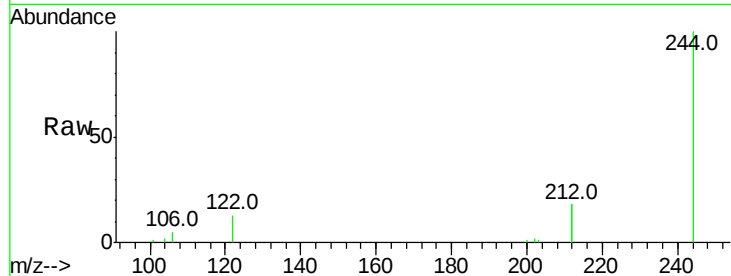
Tot Ion:244 Resp: 8745

Ion Ratio Lower Upper

244 100

212 35.1 28.3 42.5

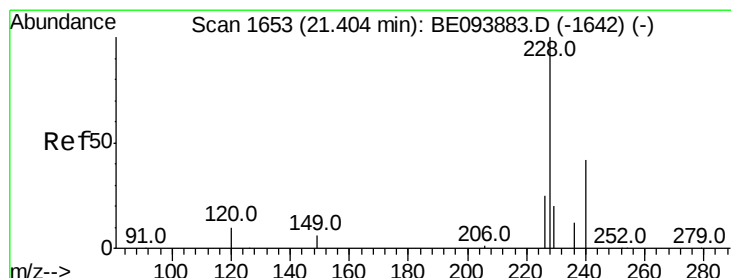
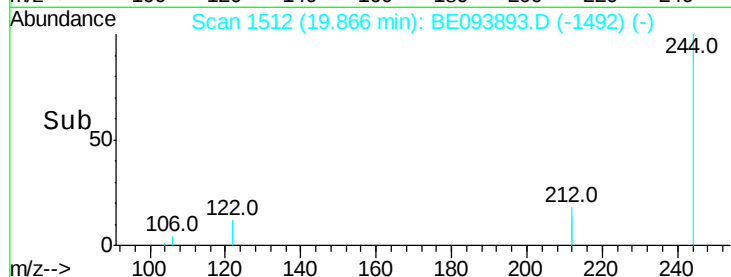
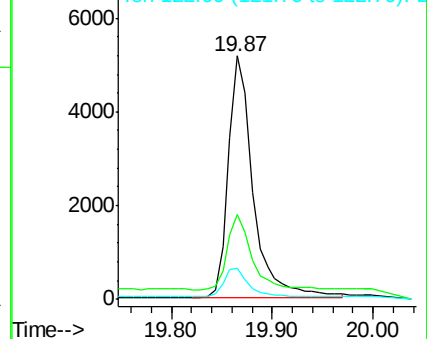
122 12.7 9.4 14.0



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: 0.306 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

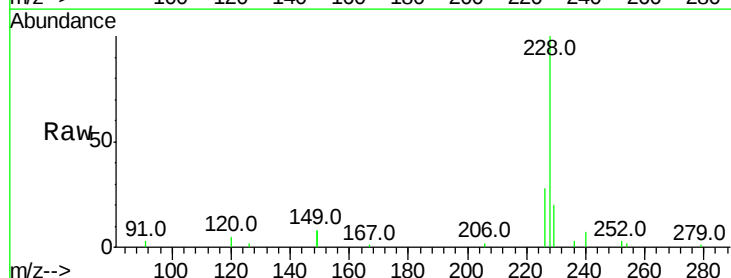
Tgt Ion:228 Resp: 10733

Ion Ratio Lower Upper

228 100

226 27.8 20.8 31.2

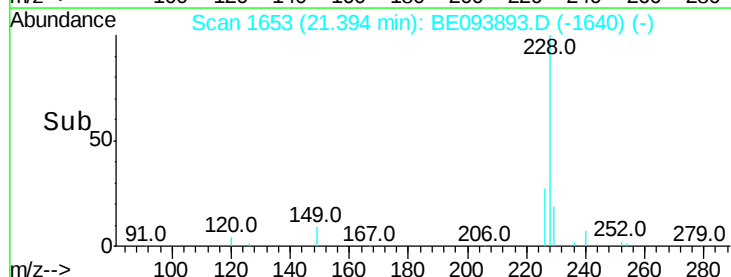
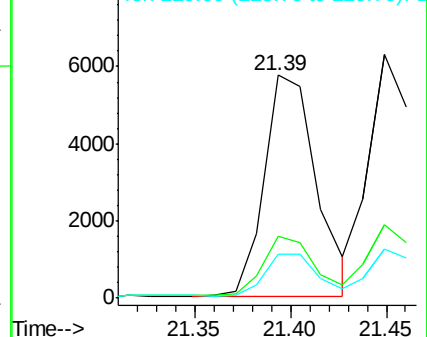
229 19.9 16.6 25.0

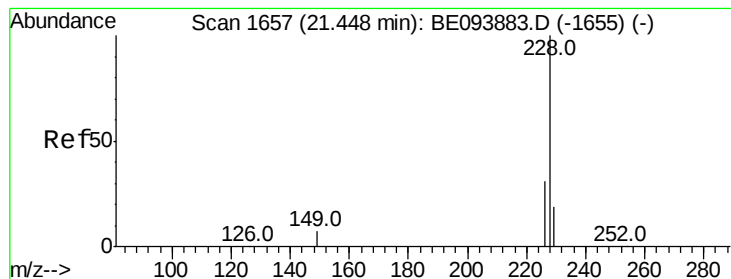


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.303 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampled :

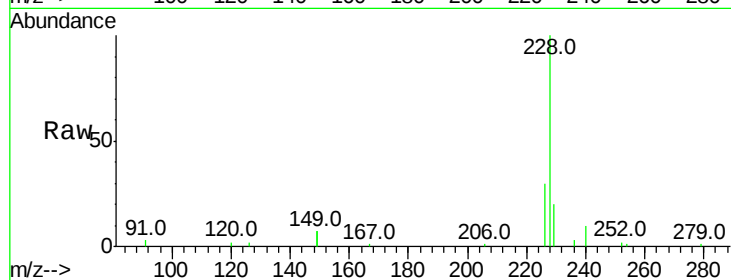
Tot Ion:228 Resp: 11811

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

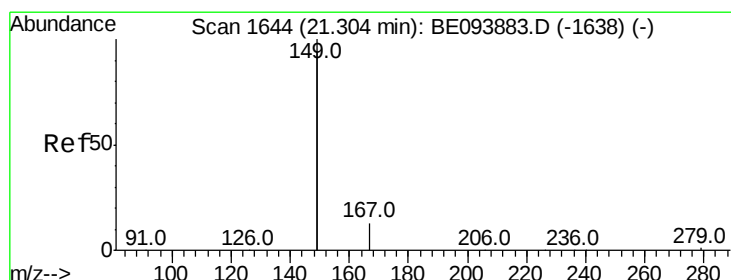
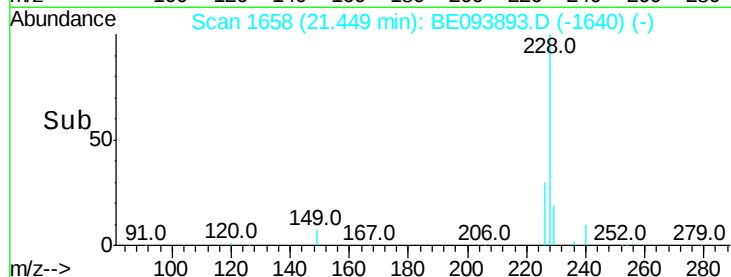
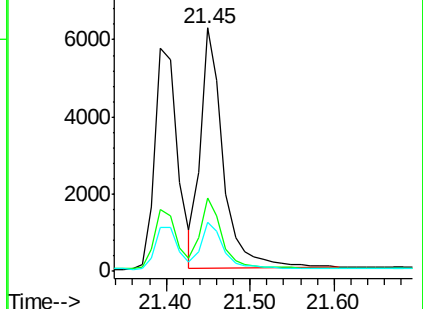
229 20.0 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.320 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

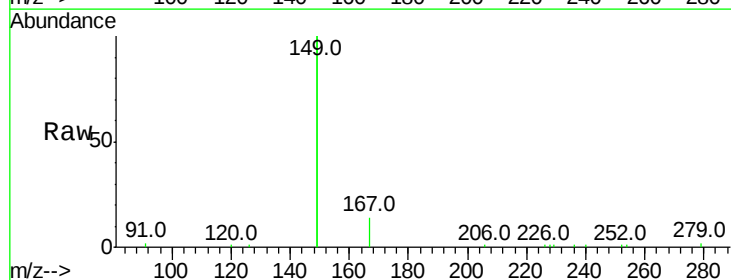
Tgt Ion:149 Resp: 23658

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

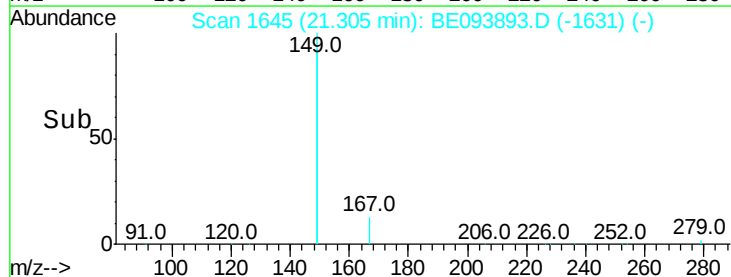
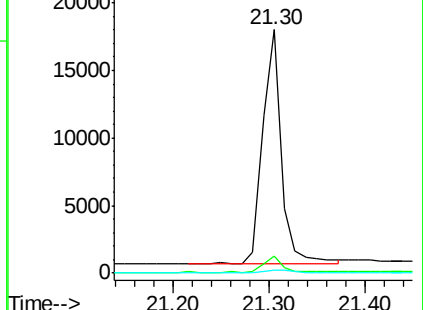
279 0.9 0.7 1.1

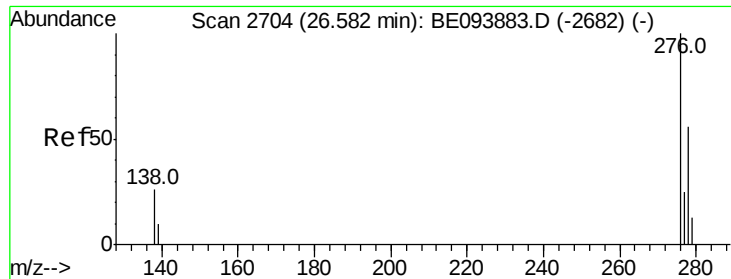


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

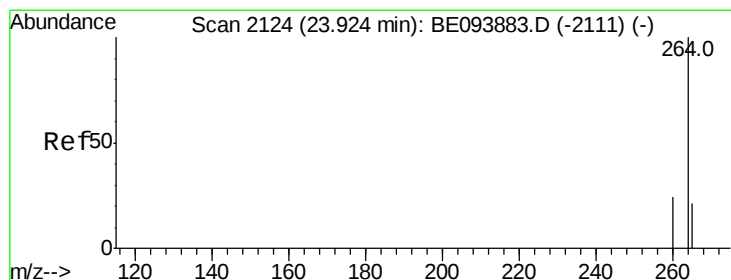
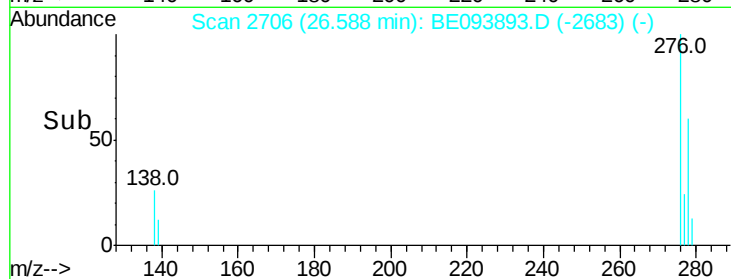
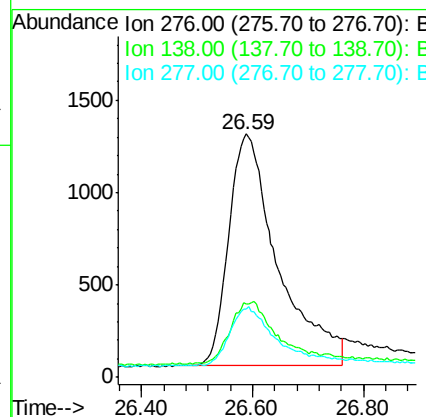
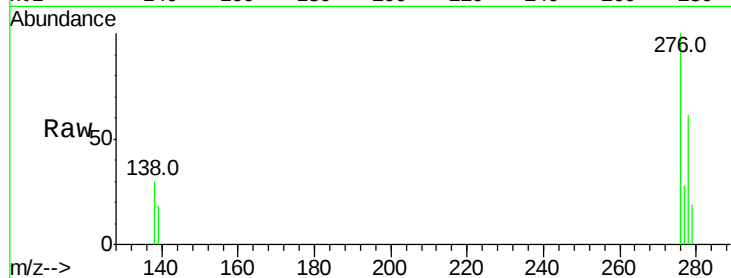




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.289 ng
 RT: 26.59 min Scan# 2706
 Delta R.T. 0.01 min
 Lab File: BE093893.D
 Acq: 28 Aug 2017 12:11

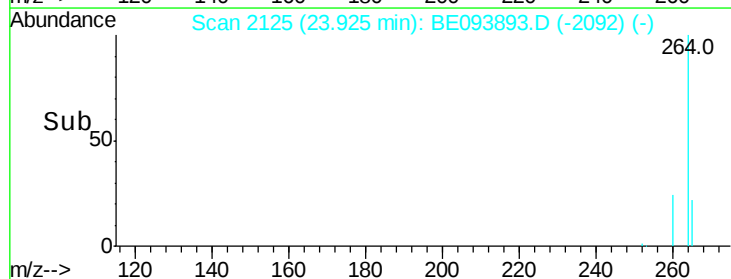
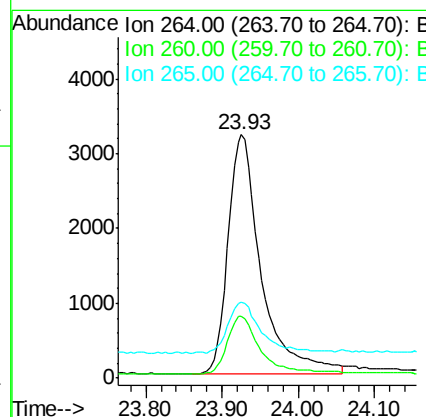
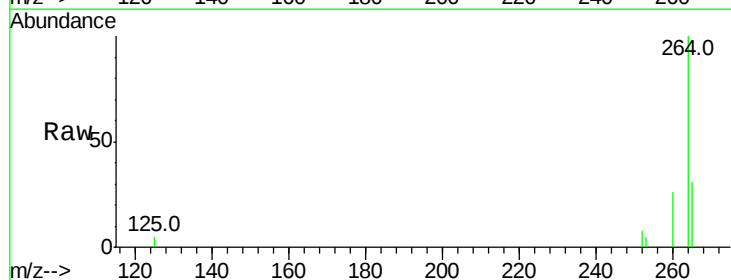
Instrument :
 BNA_E
 ClientSampleId :

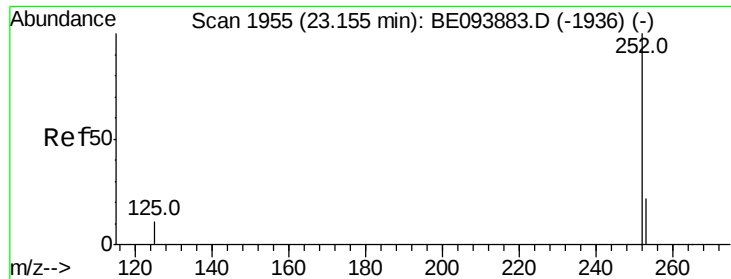
Tot Ion:276 Resp: 7690
 Ion Ratio Lower Upper
 276 100
 138 24.6 22.2 33.2
 277 25.0 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BE093893.D
 Acq: 28 Aug 2017 12:11

Tgt Ion:264 Resp: 9651
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.0 30.0
 265 31.4 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.295 ng

RT: 23.16 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :

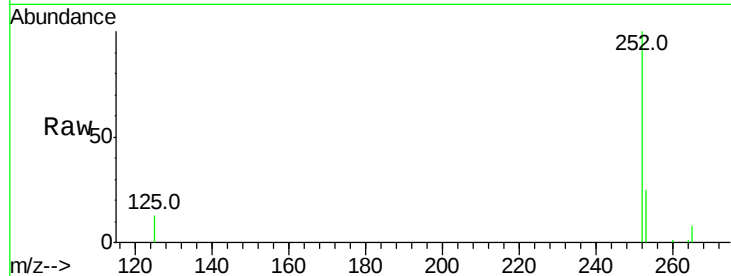
Tot Ion:252 Resp: 9103

Ion Ratio Lower Upper

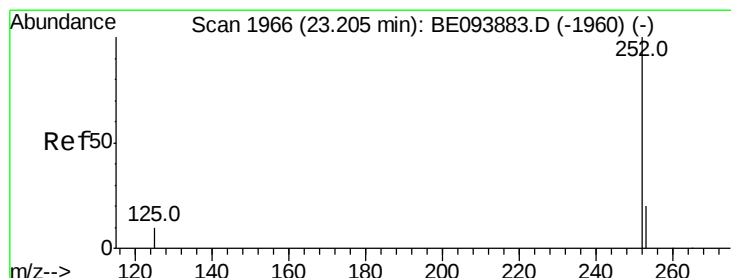
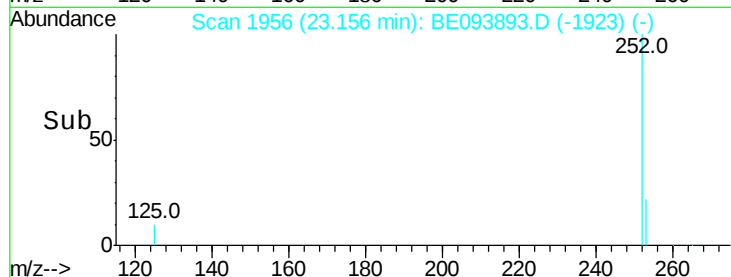
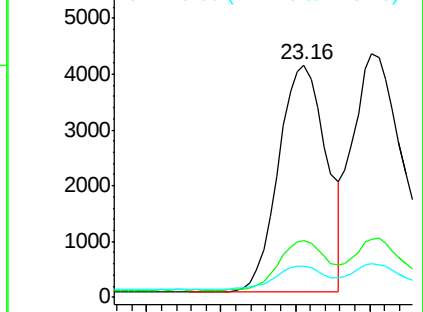
252 100

253 24.6 19.4 29.0

125 13.4 10.0 15.0



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: 0.308 ng

RT: 23.20 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

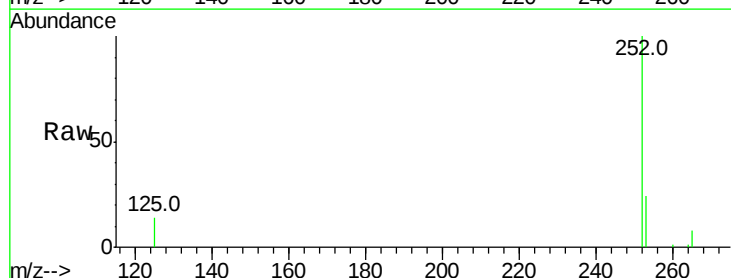
Tgt Ion:252 Resp: 10845

Ion Ratio Lower Upper

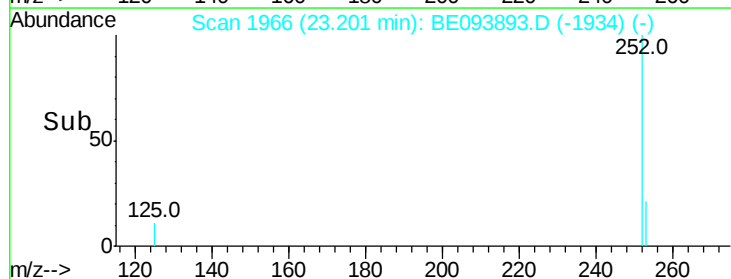
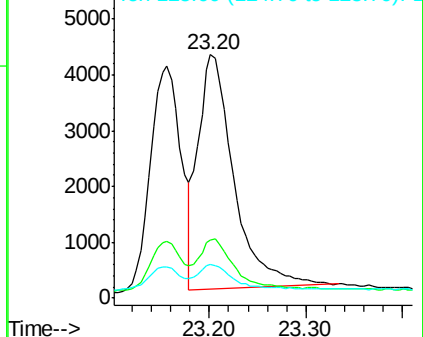
252 100

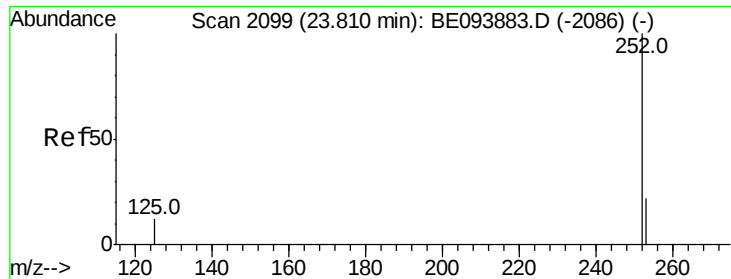
253 23.9 18.1 27.1

125 13.8 9.8 14.6



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

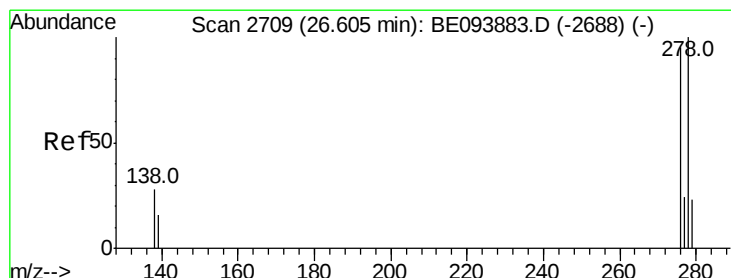
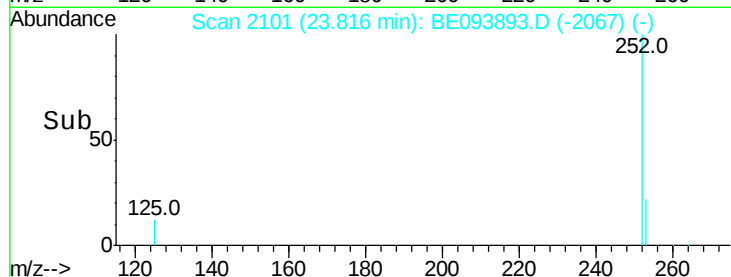
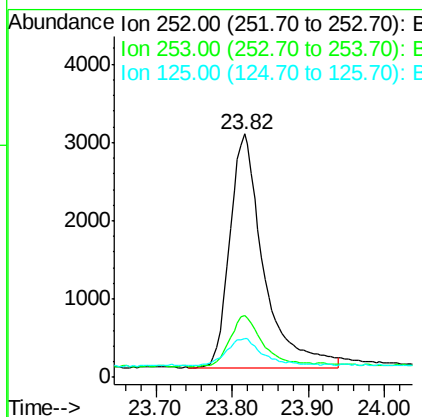
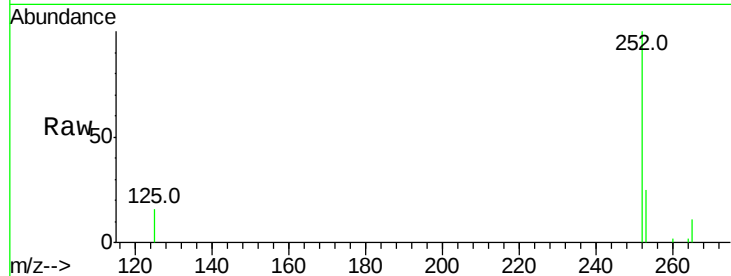




#37
Benzo(a)pyrene
Concen: 0.304 ng
RT: 23.82 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BE093893.D
Acq: 28 Aug 2017 12:11

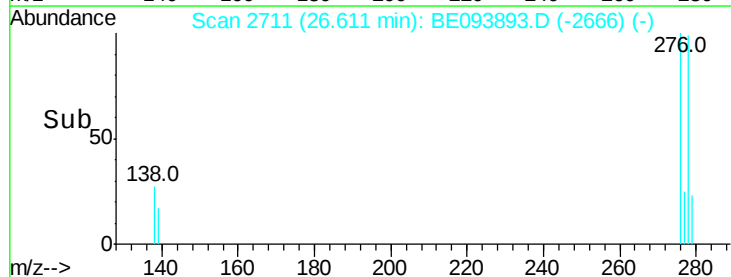
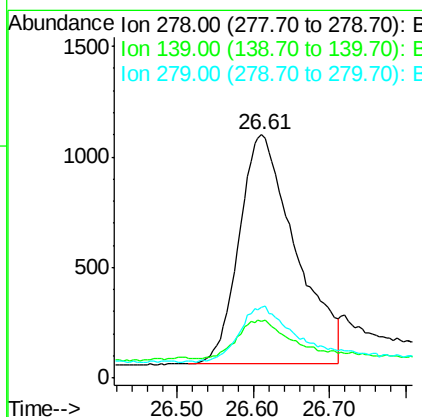
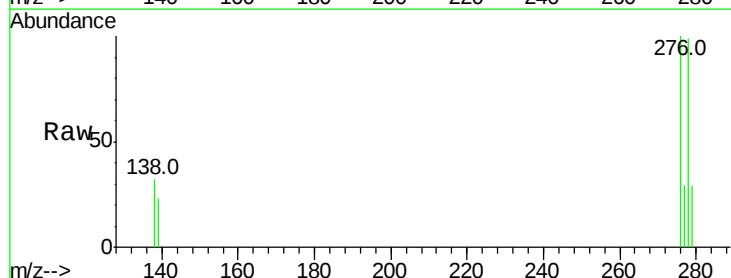
Instrument :
BNA_E
ClientSampleId :

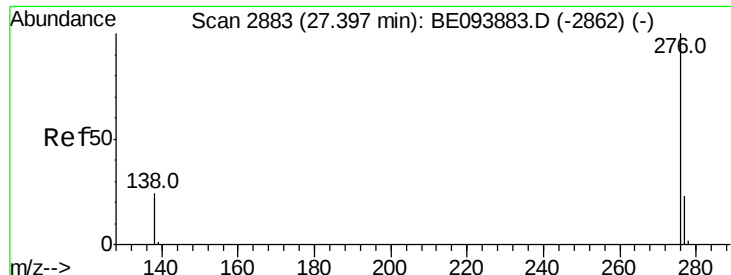
Tot Ion:252 Resp: 9286
Ion Ratio Lower Upper
252 100
253 25.5 19.6 29.4
125 16.0 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.247 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.01 min
Lab File: BE093893.D
Acq: 28 Aug 2017 12:11

Tgt Ion:278 Resp: 5331
Ion Ratio Lower Upper
278 100
139 23.5 16.7 25.1
279 29.2 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.295 ng

RT: 27.40 min Scan# 2884

Delta R.T. 0.00 min

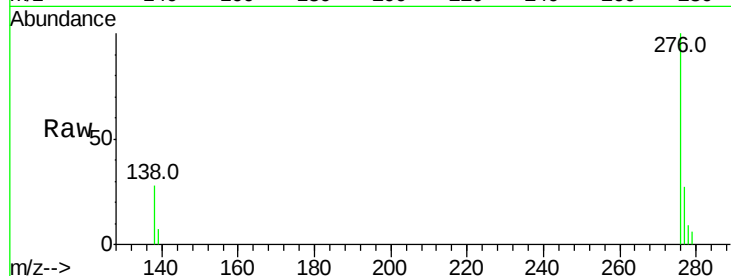
Lab File: BE093893.D

Acq: 28 Aug 2017 12:11

Instrument :

BNA_E

ClientSampleId :



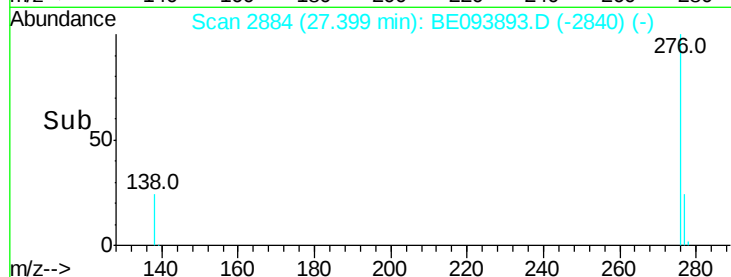
Tot Ion:276 Resp: 6926

Ion Ratio Lower Upper

276 100

277 27.2 20.6 30.8

138 28.2 21.9 32.9



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

