

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080717\
 Data File : BE093694.D
 Acq On : 7 Aug 2017 9:54
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 07 11:37:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 11:34:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2529	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12485	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7211	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16947	0.40	ng	0.00
27) Chrysene-d12	21.42	240	20338	0.40	ng	0.01
34) Perylene-d12	23.92	264	18269	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	1653	0.22	ng	0.00
5) Phenol-d6	7.09	99	2582	0.23	ng	0.00
8) Nitrobenzene-d5	9.06	82	2109	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	3875	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	354	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5716	0.20	ng	0.00
25) Fluoranthene-d10	19.27	212	41959	0.22	ng	0.00
29) Terphenyl-d14	19.86	244	7346	0.20	ng	0.00

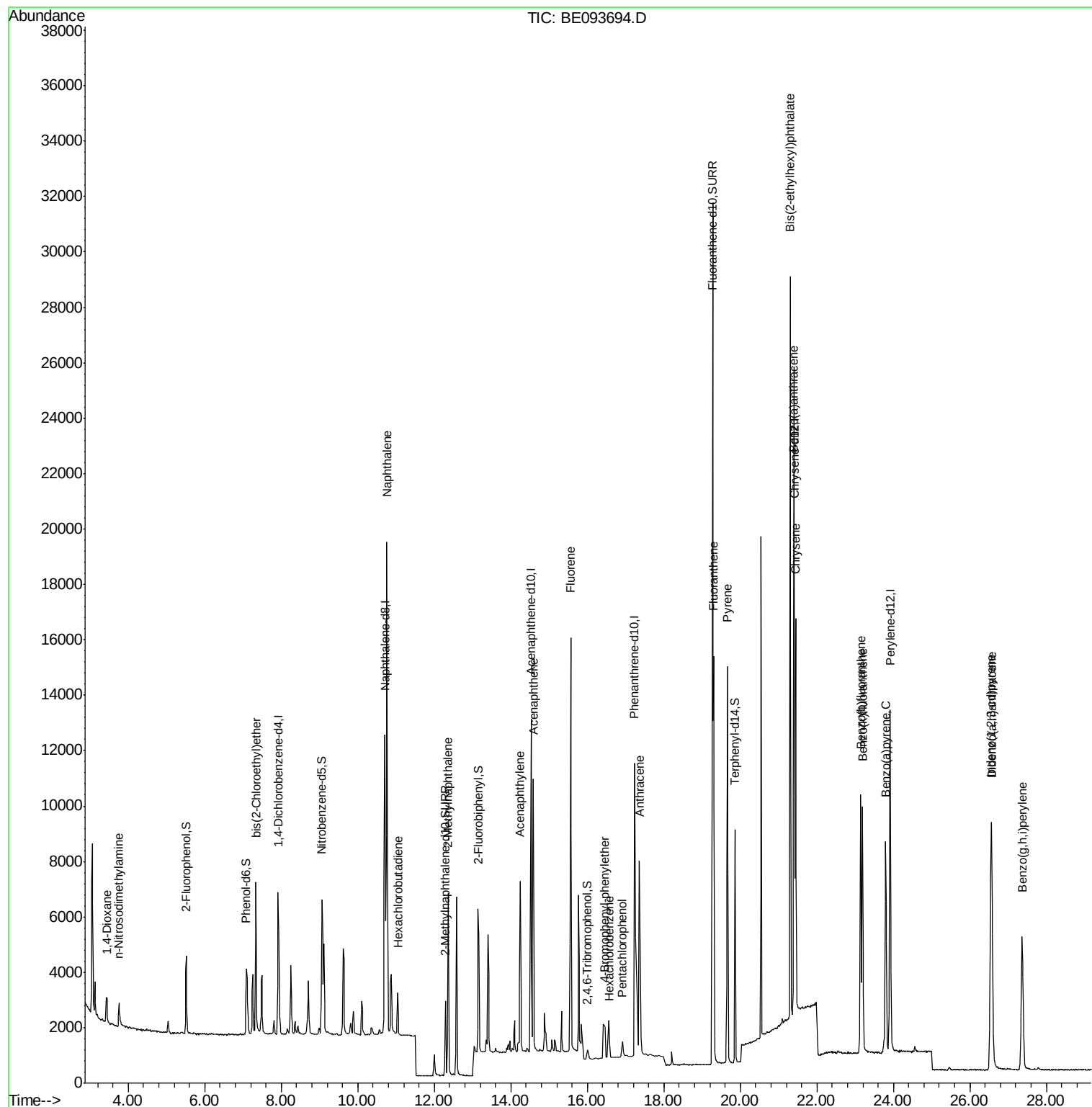
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	896	0.219	ng	96
3) n-Nitrosodimethylamine	3.75	42	670	0.174	ng	# 82
6) bis(2-Chloroethyl)ether	7.34	93	1931	0.202	ng	# 97
9) Naphthalene	10.76	128	29063	0.201	ng	99
10) Hexachlorobutadiene	11.04	225	1089	0.203	ng	99
12) 2-Methylnaphthalene	12.36	142	4894	0.205	ng	99
16) Acenaphthylene	14.24	152	7128	0.207	ng	# 87
17) Acenaphthene	14.58	154	4930	0.203	ng	99
18) Fluorene	15.56	166	6531	0.201	ng	# 86
20) 4-Bromophenyl-phenylether	16.45	248	1081	0.202	ng	# 91
21) Hexachlorobenzene	16.58	284	1218	0.223	ng	# 100
22) Pentachlorophenol	16.91	266	671	0.287	ng	96
24) Anthracene	17.37	178	19009	0.373	ng	# 91
26) Fluoranthene	19.30	202	13224	0.223	ng	98
28) Pyrene	19.67	202	13864	0.211	ng	# 99
30) Benzo(a)anthracene	21.39	228	13611	0.228	ng	94
31) Chrysene	21.45	228	13744	0.206	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	29912	0.367	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	13321	0.221	ng	93
35) Benzo(b)fluoranthene	23.15	252	13219	0.203	ng	# 95
36) Benzo(k)fluoranthene	23.19	252	12823	0.192	ng	97
37) Benzo(a)pyrene	23.80	252	12289	0.208	ng	98
38) Dibenzo(a,h)anthracene	26.57	278	11314	0.198	ng	93
39) Benzo(g,h,i)perylene	27.37	276	11525	0.199	ng	93

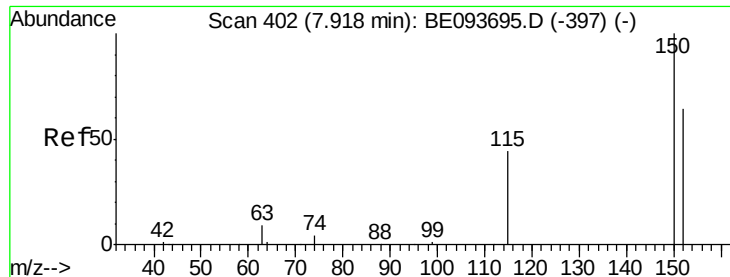
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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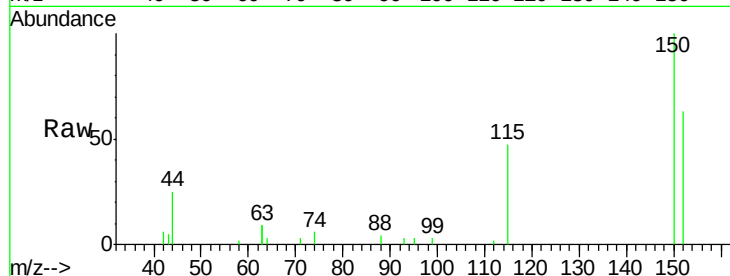


#1

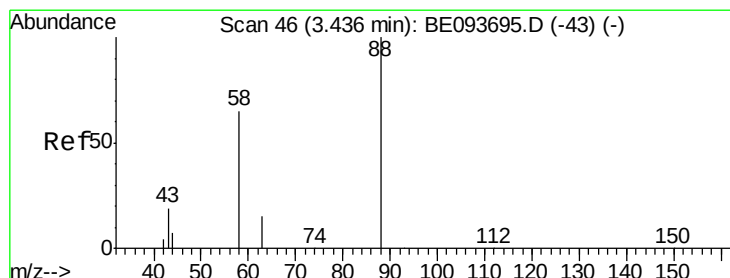
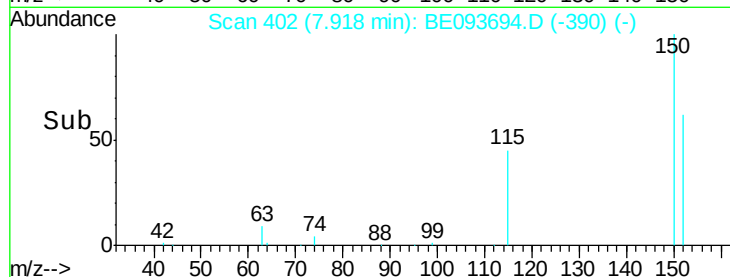
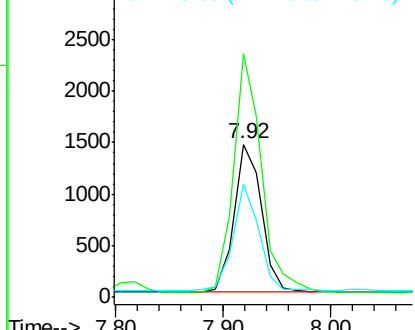
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 152 Resp: 2529
Ion Ratio Lower Upper
152 100
150 159.4 125.1 187.7
115 74.3 55.7 83.5



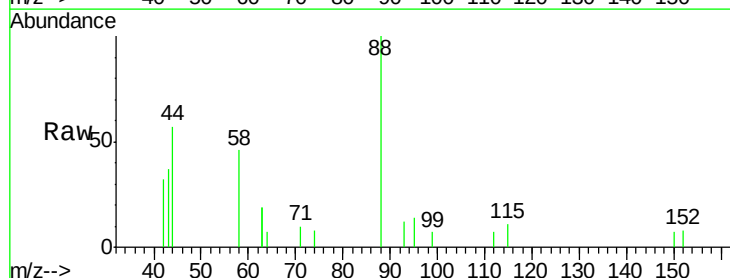
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



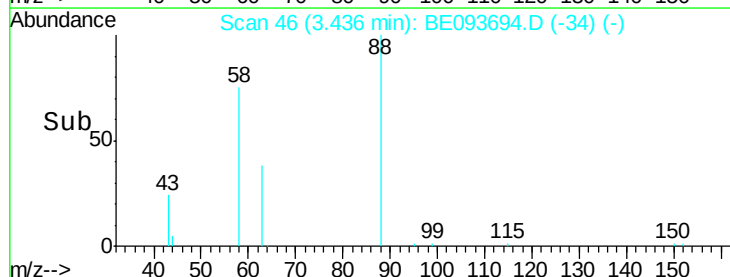
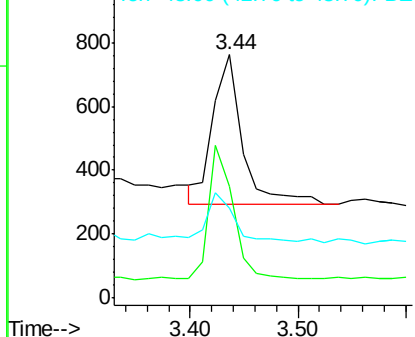
#2

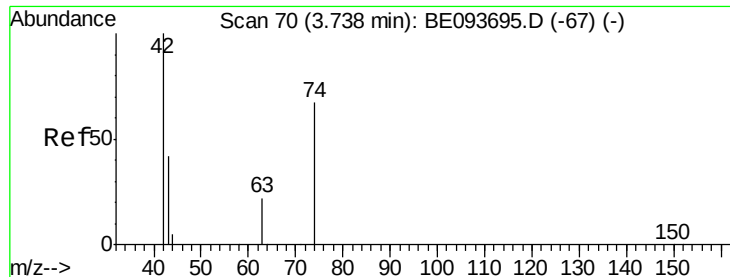
1,4-Dioxane
Concen: 0.219 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

Tgt Ion: 88 Resp: 896
Ion Ratio Lower Upper
88 100
58 74.2 62.2 93.4
43 27.6 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

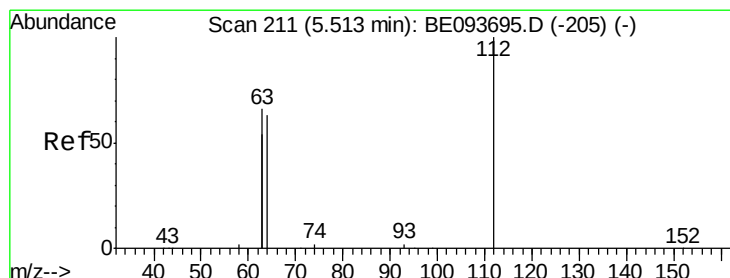
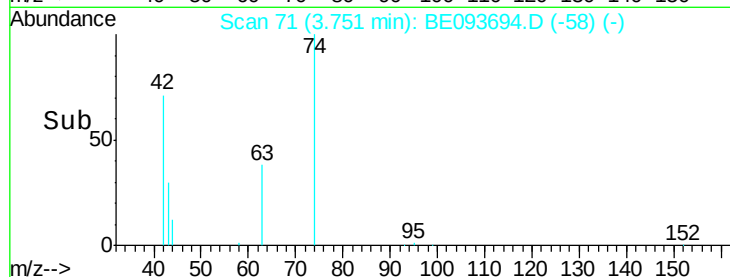
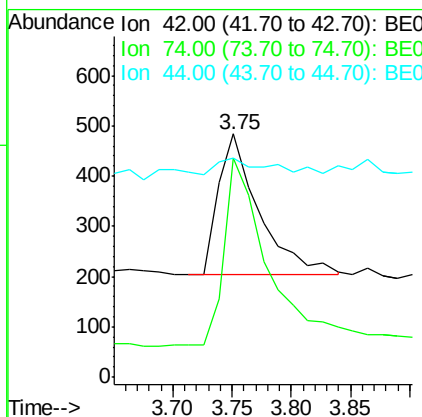
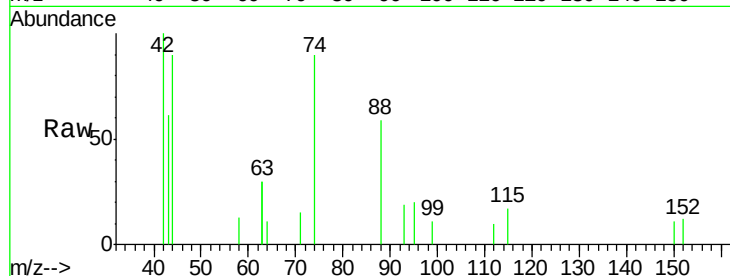




#3
 n-Nitrosodimethylamine
 Concen: 0.174 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BE093694.D
 Acq: 7 Aug 2017 9:54

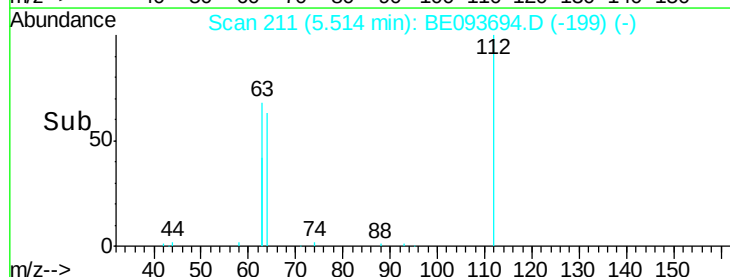
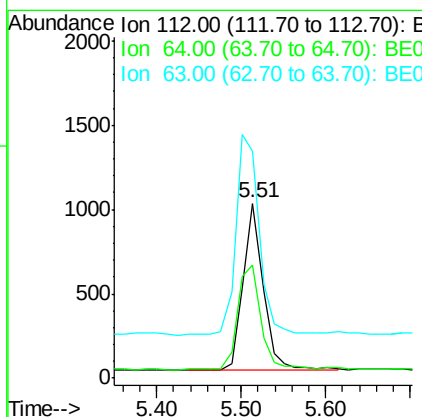
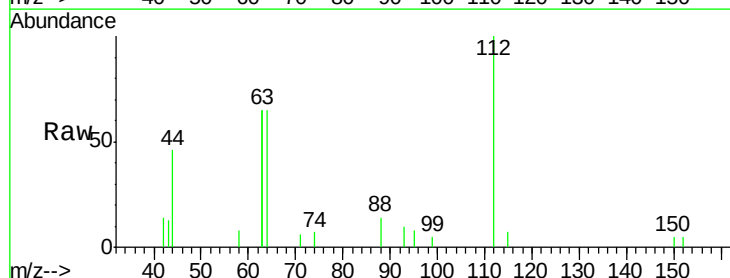
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

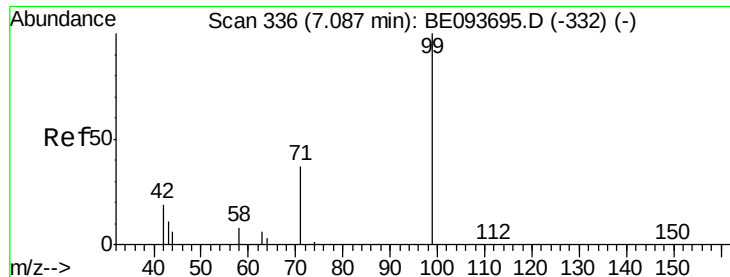
Tgt Ion: 42 Resp: 670
 Ion Ratio Lower Upper
 42 100
 74 144.5 99.1 148.7
 44 13.9 7.4 11.2#



#4
 2-Fluorophenol
 Concen: 0.219 ng
 RT: 5.51 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE093694.D
 Acq: 7 Aug 2017 9:54

Tgt Ion: 112 Resp: 1653
 Ion Ratio Lower Upper
 112 100
 64 72.4 56.4 84.6
 63 140.1 29.3 43.9#





#5

Phenol-d6

Concen: 0.228 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

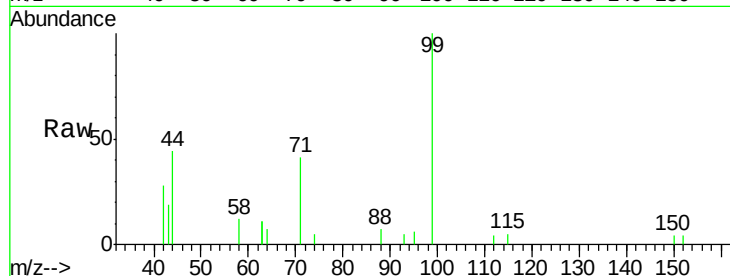
Tgt Ion: 99 Resp: 2582

Ion Ratio Lower Upper

99 100

42 20.1 0.0 0.0#

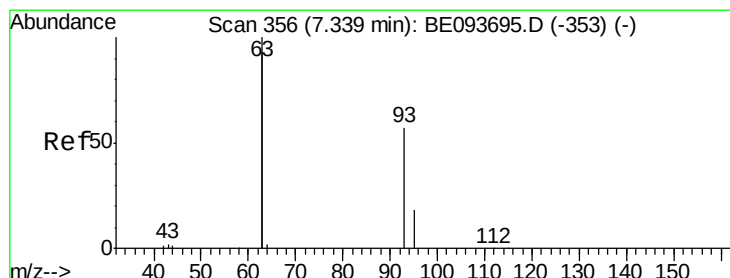
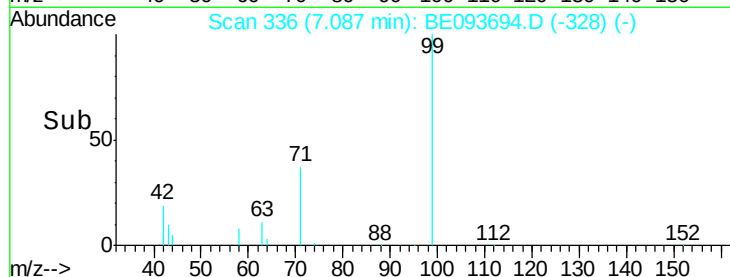
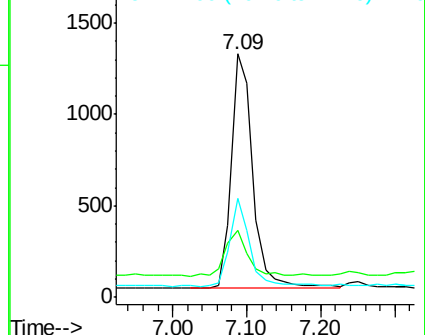
71 34.7 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.202 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

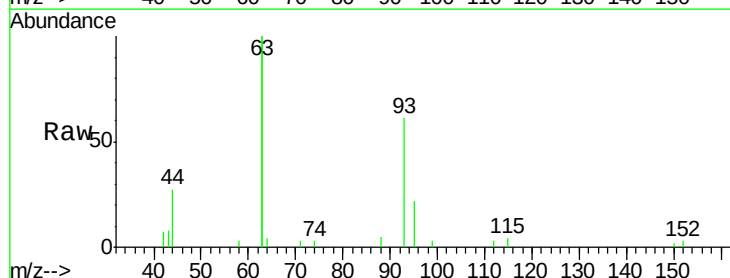
Tgt Ion: 93 Resp: 1931

Ion Ratio Lower Upper

93 100

63 347.5 0.0 0.0#

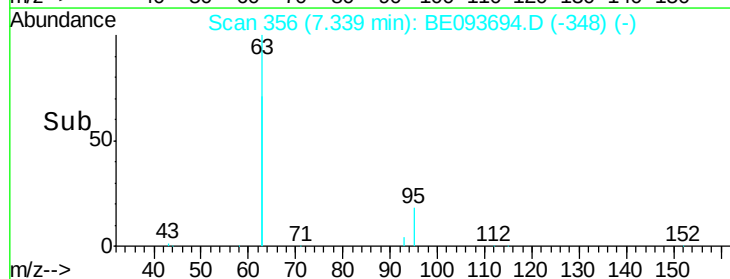
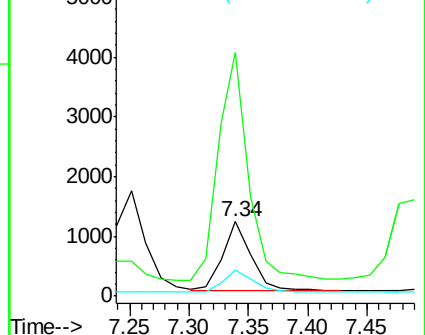
95 33.2 25.4 38.0

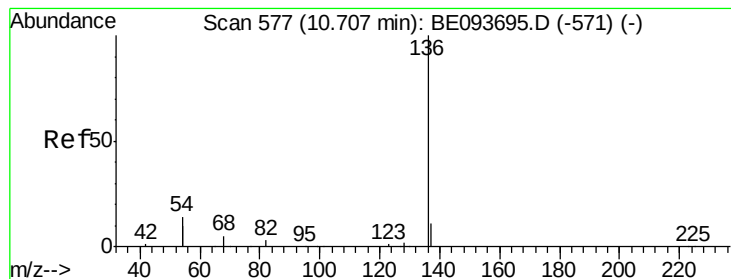


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

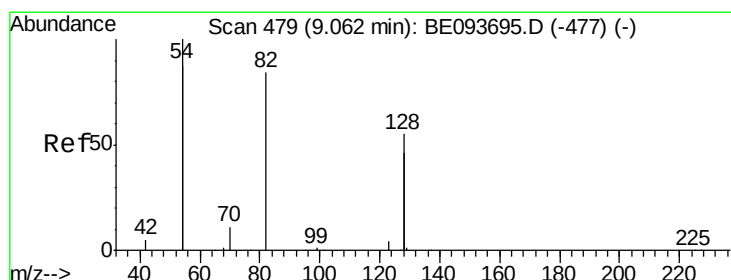
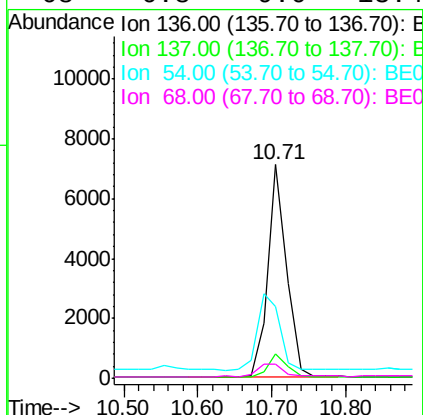
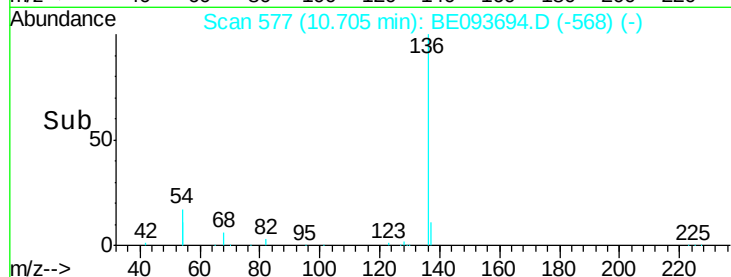
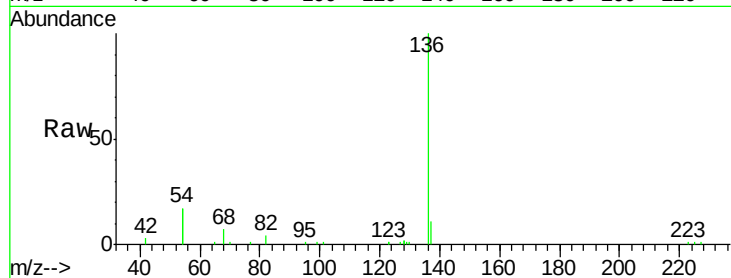
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:	136	Resp:	12485
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	33.4	10.3	15.5#
68	6.8	9.0	13.4#



#8

Nitrobenzene-d5

Concen: 0.221 ng

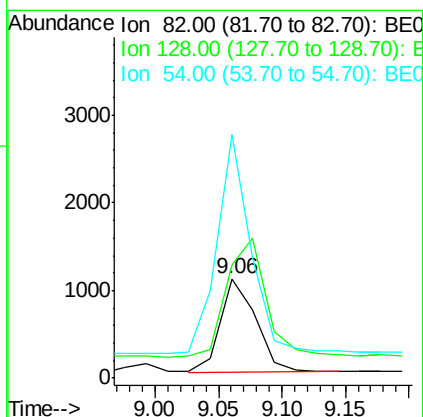
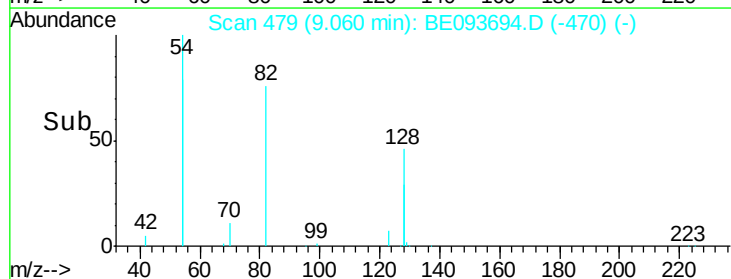
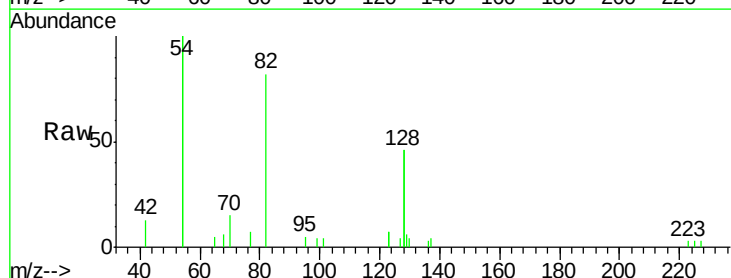
RT: 9.06 min Scan# 479

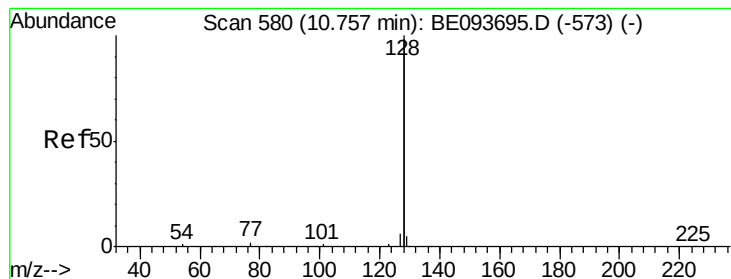
Delta R.T. -0.00 min

Lab File: BE093694.D

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Tgt Ion:	82	Resp:	2109
Ion	Ratio	Lower	Upper
82	100		
128	113.7	17.0	25.4#
54	244.7	53.8	80.6#





#9

Naphthalene

Concen: 0.201 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

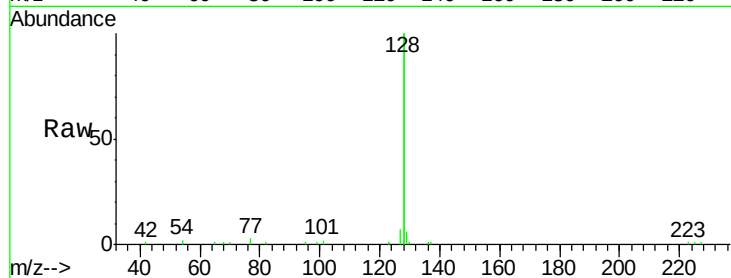
Tgt Ion:128 Resp: 29063

Ion Ratio Lower Upper

128 100

129 3.2 2.4 3.6

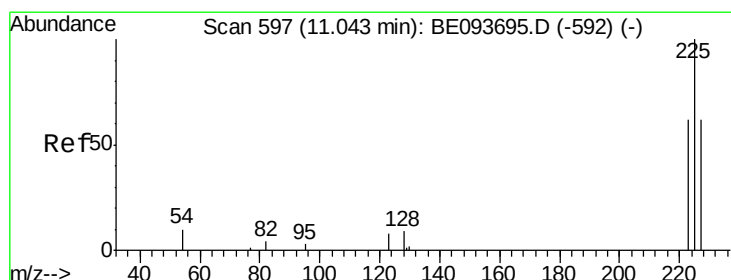
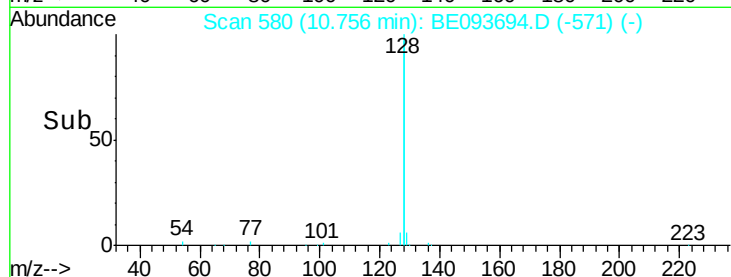
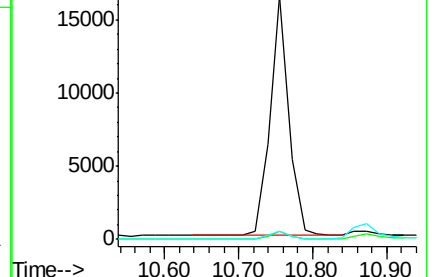
127 3.5 2.4 3.6



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: 0.203 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

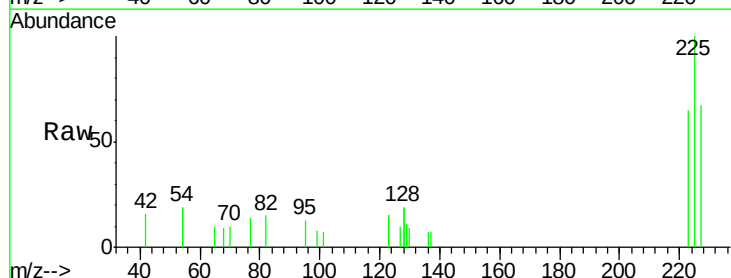
Tgt Ion:225 Resp: 1089

Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

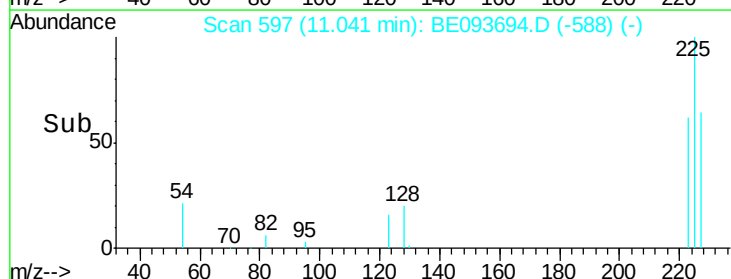
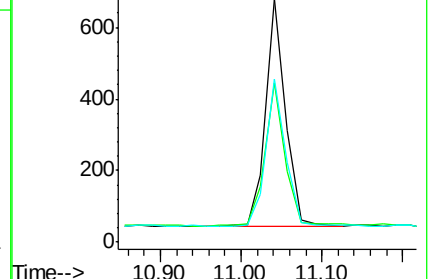
227 64.1 50.3 75.5

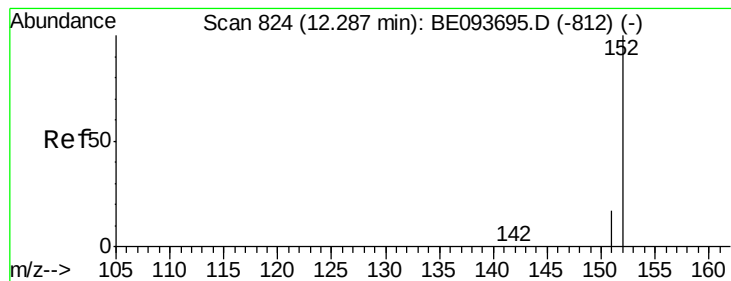


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.196 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

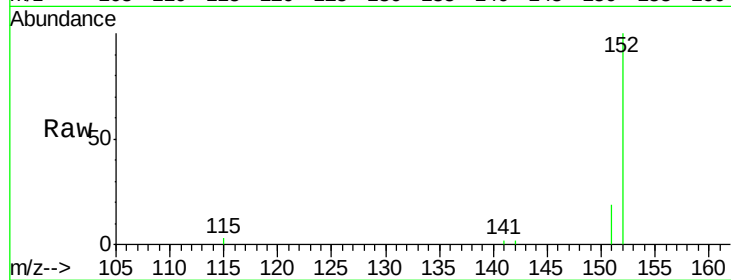
SSTDIC0.2

Tgt Ion:152 Resp: 3875

Ion Ratio Lower Upper

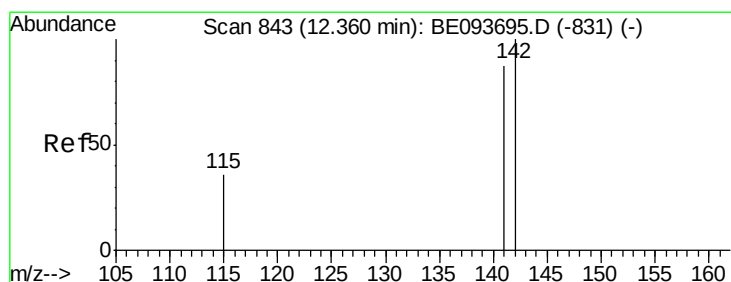
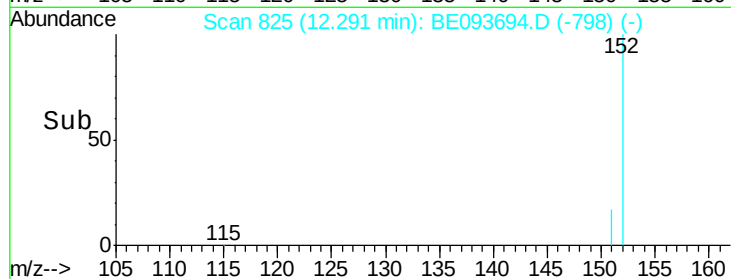
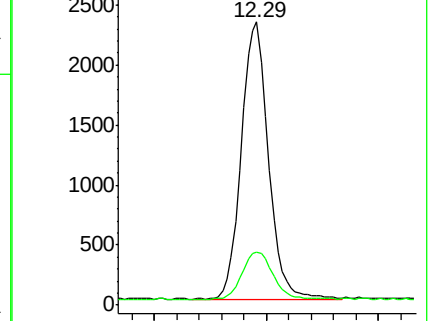
152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.205 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

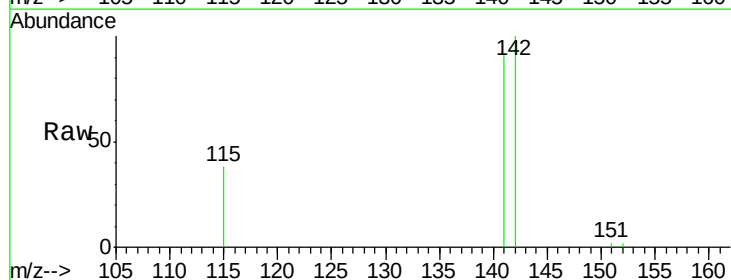
Tgt Ion:142 Resp: 4894

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8

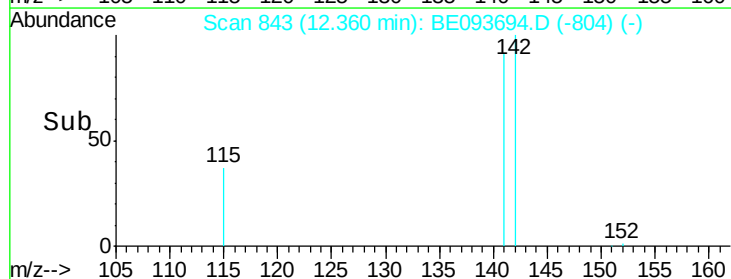
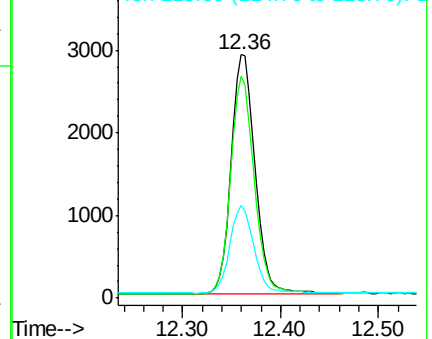
115 38.1 32.2 48.2

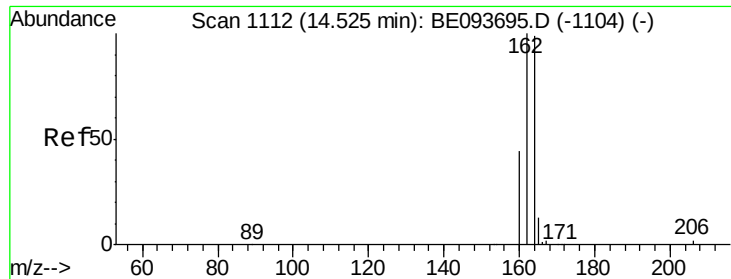


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

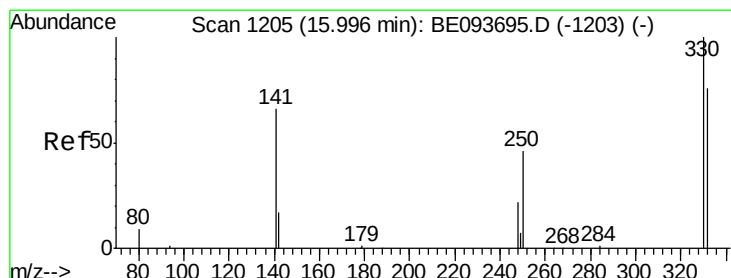
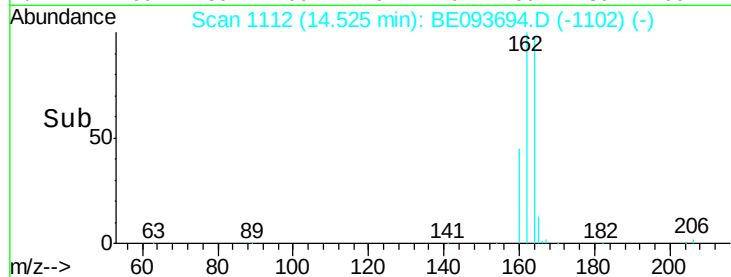
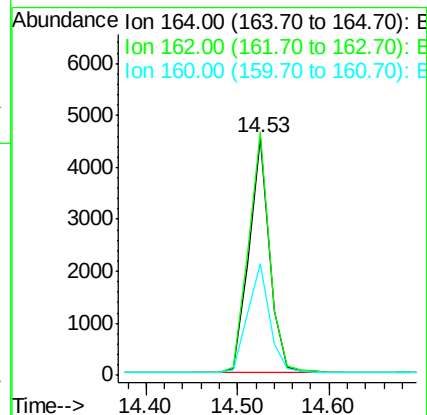
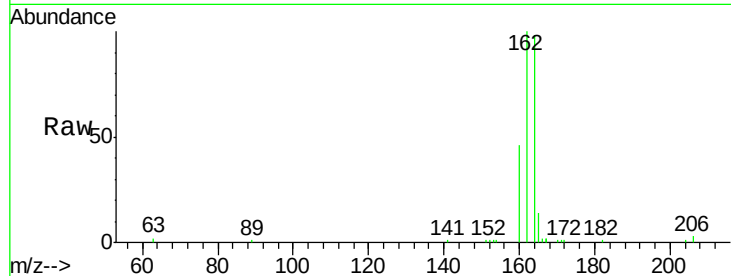
Tgt Ion:164 Resp: 7211

Ion Ratio Lower Upper

164 100

162 102.4 84.6 127.0

160 46.9 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.212 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

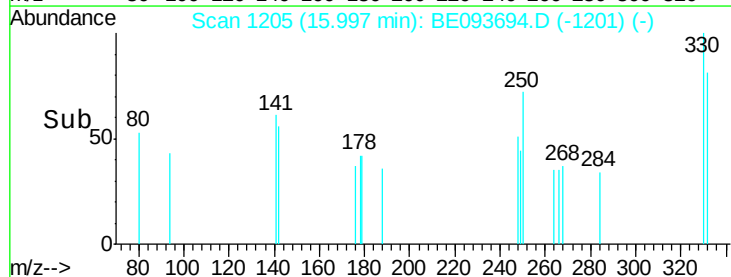
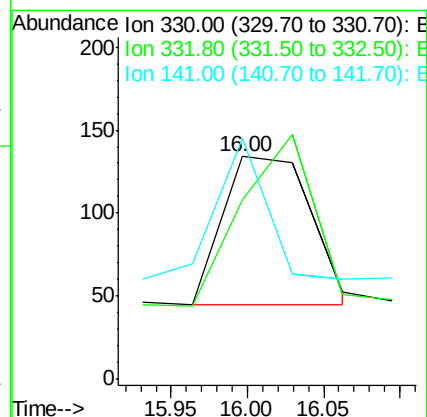
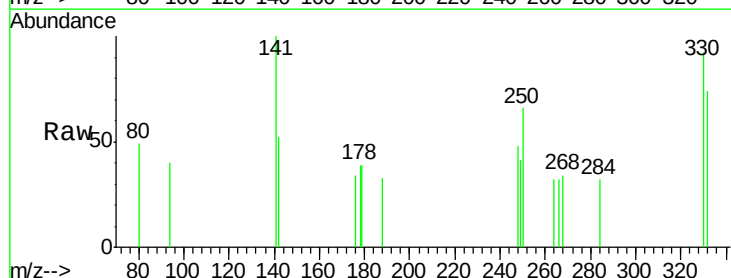
Tgt Ion:330 Resp: 354

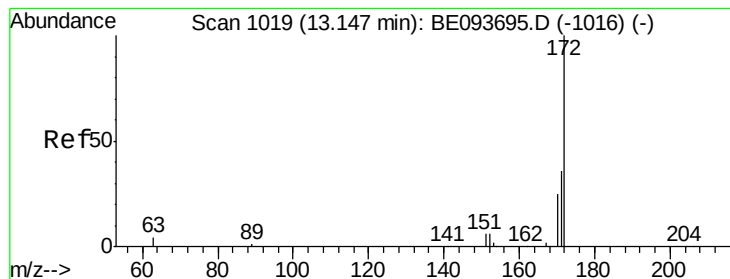
Ion Ratio Lower Upper

330 100

332 0.0 77.7 116.5#

141 53.7 56.2 84.4#





#15

2-Fluorobiphenyl

Concen: 0.198 ng

RT: 13.15 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

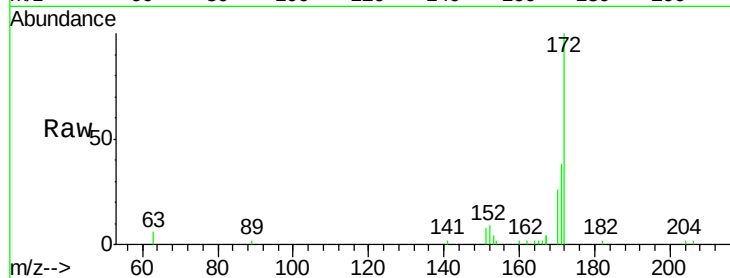
Tgt Ion:172 Resp: 5716

Ion Ratio Lower Upper

172 100

171 37.9 29.8 44.6

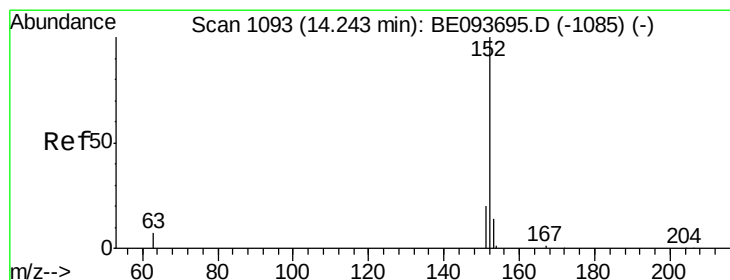
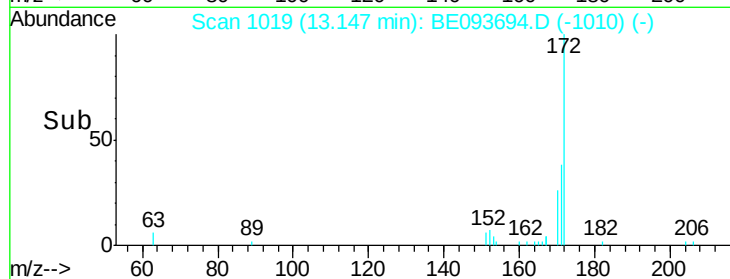
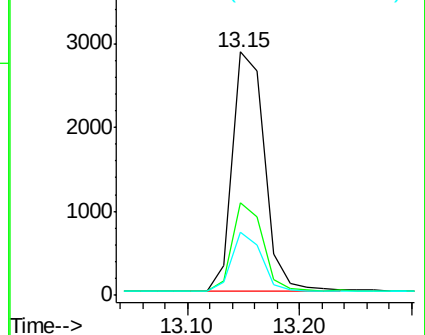
170 25.7 20.7 31.1



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: 0.207 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

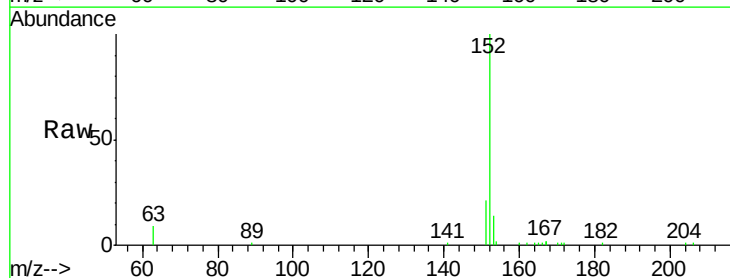
Tgt Ion:152 Resp: 7128

Ion Ratio Lower Upper

152 100

151 19.3 4.0 6.0#

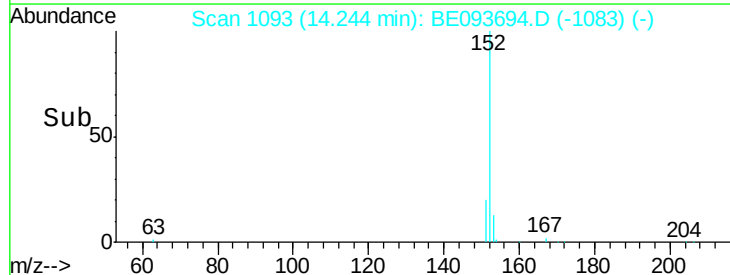
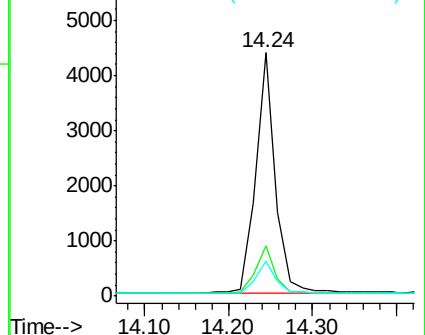
153 13.5 10.3 15.5

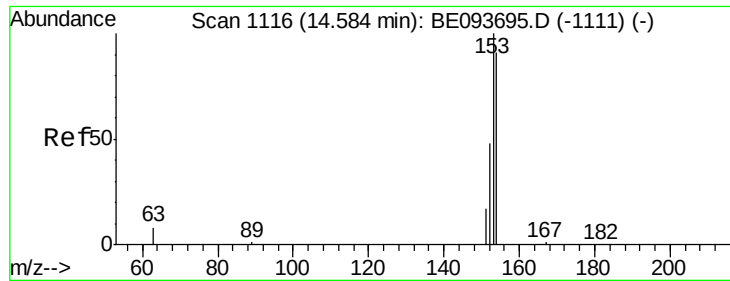


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

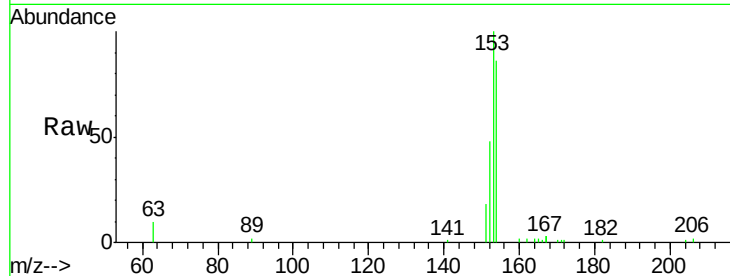




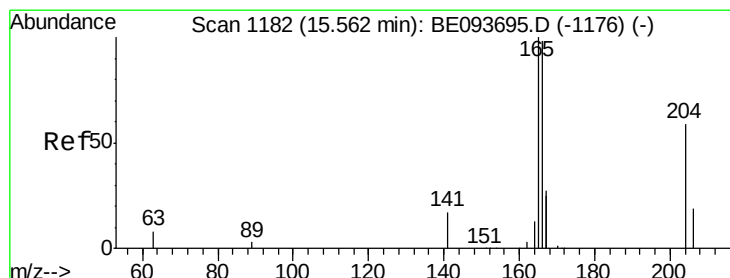
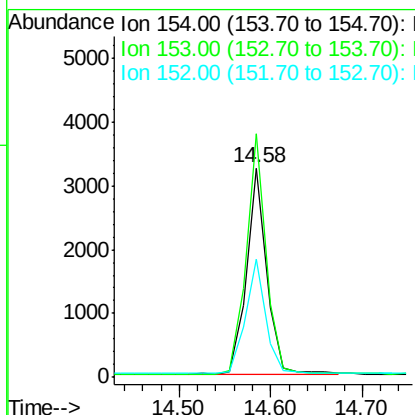
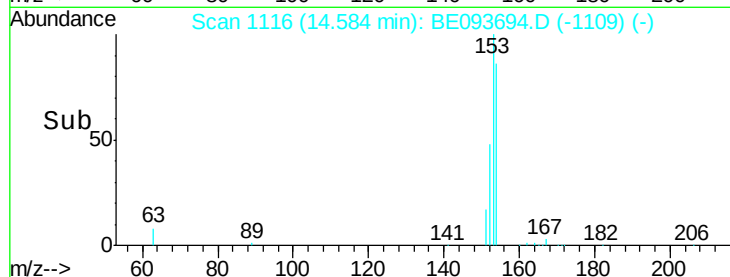
#17
Acenaphthene
Concen: 0.203 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4930
Ion Ratio Lower Upper
154 100
153 116.1 91.2 136.8
152 56.1 44.8 67.2

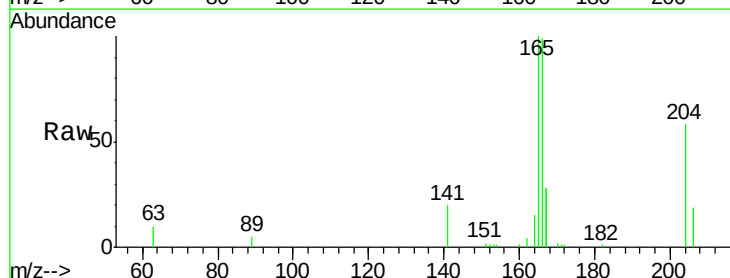


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

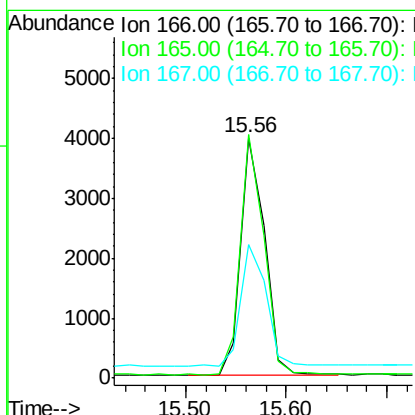
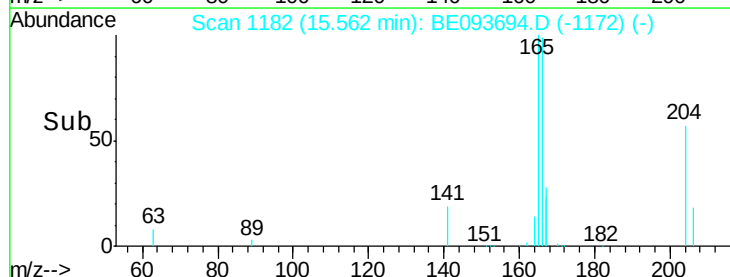


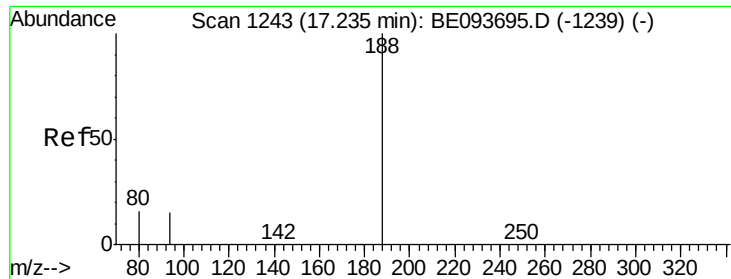
#18
Fluorene
Concen: 0.201 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

Tgt Ion:166 Resp: 6531
Ion Ratio Lower Upper
166 100
165 99.6 78.6 117.8
167 54.2 11.1 16.7#



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: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

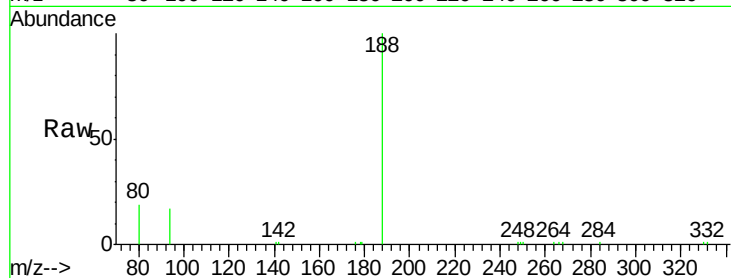
Tgt Ion:188 Resp: 16947

Ion Ratio Lower Upper

188 100

94 17.3 11.3 16.9#

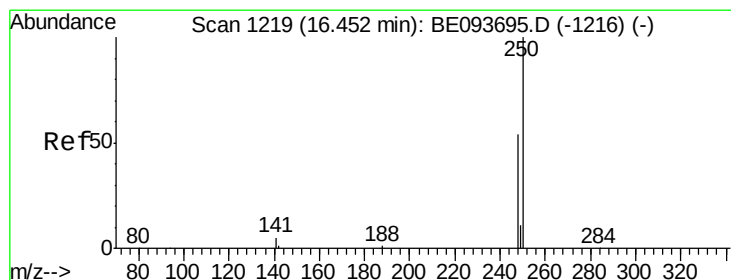
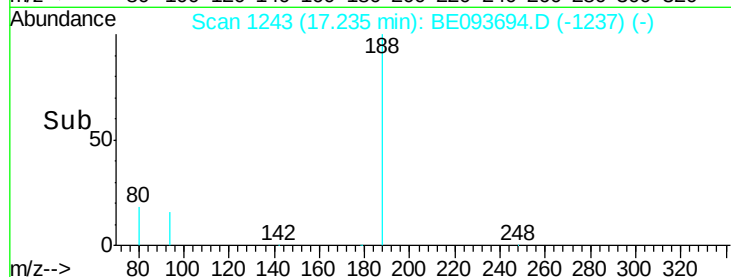
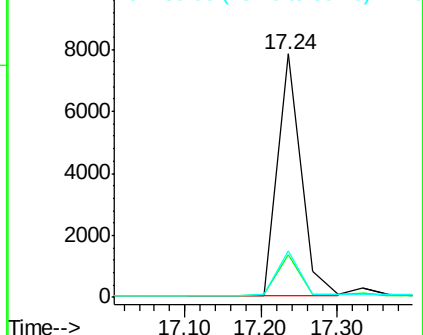
80 19.0 11.7 17.5#



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: 0.202 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

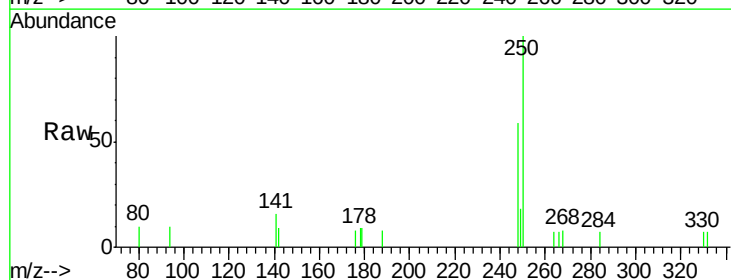
Tgt Ion:248 Resp: 1081

Ion Ratio Lower Upper

248 100

250 169.3 128.0 192.0

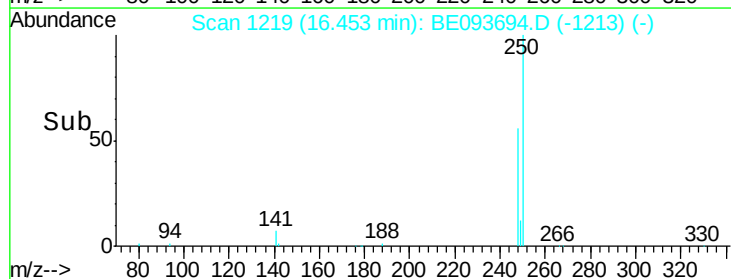
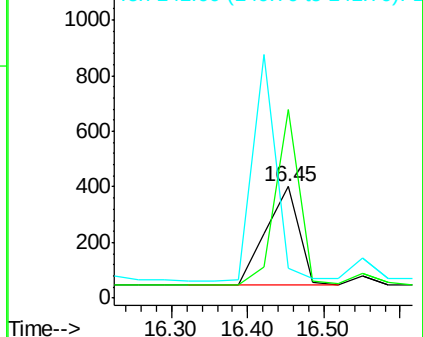
141 27.0 12.0 18.0#

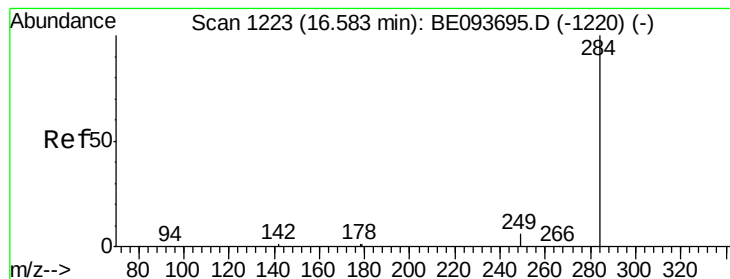


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.223 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

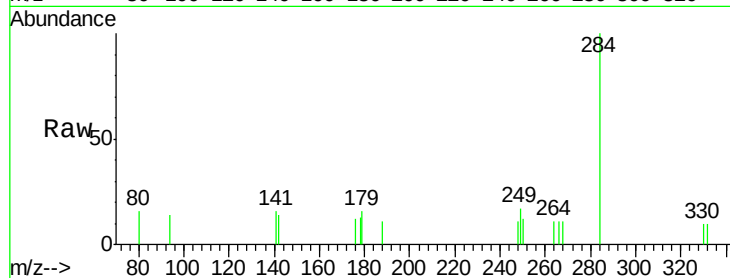
Tgt Ion:284 Resp: 1218

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

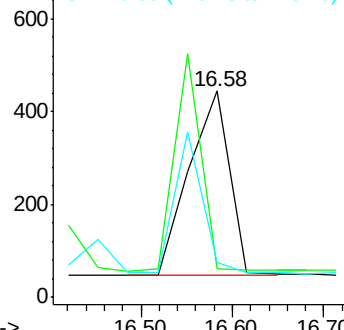
249 0.0 0.0 0.0



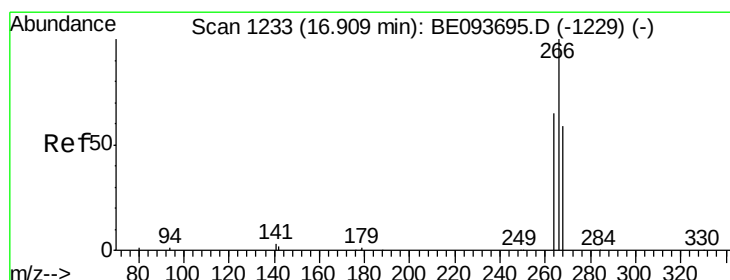
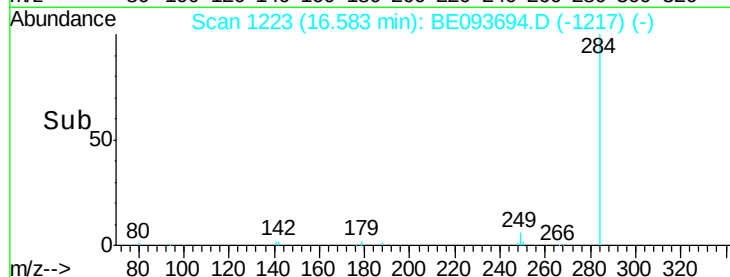
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.287 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

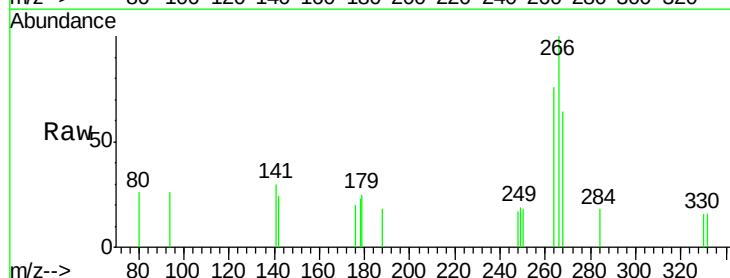
Tgt Ion:266 Resp: 671

Ion Ratio Lower Upper

266 100

264 75.5 56.0 84.0

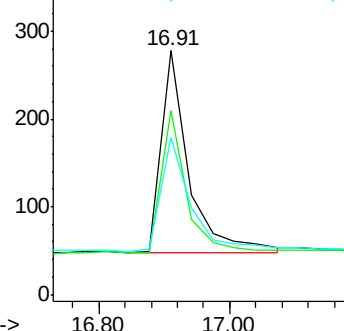
268 64.4 52.0 78.0



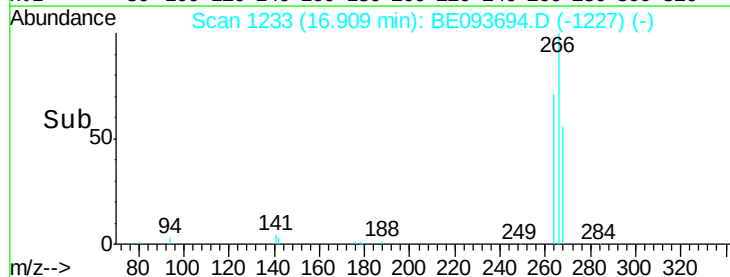
Abundance Ion 266.00 (265.70 to 266.70): E

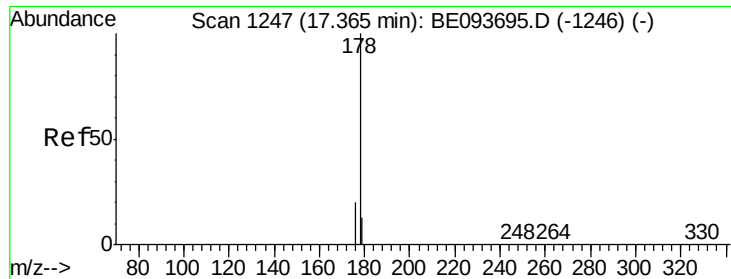
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#24

Anthracene

Concen: 0.373 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

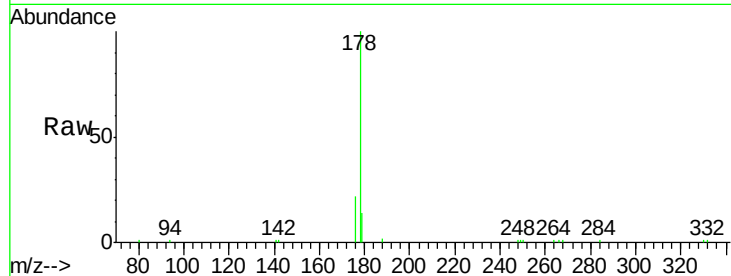
Tgt Ion:178 Resp: 19009

Ion Ratio Lower Upper

178 100

176 11.8 14.6 22.0#

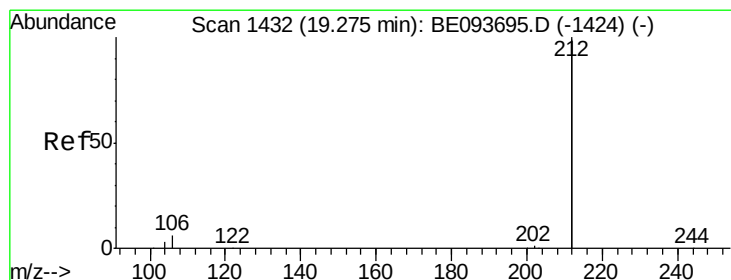
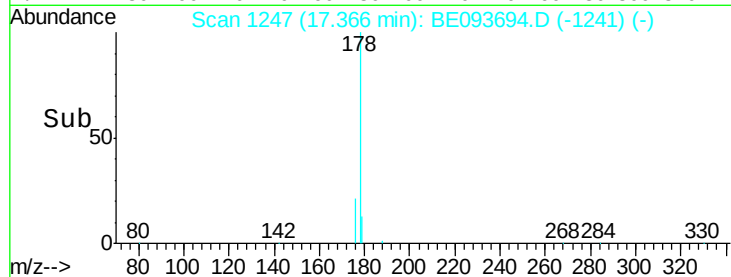
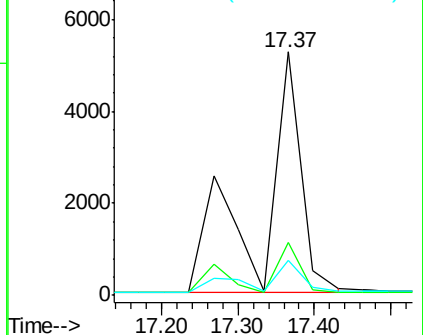
179 14.3 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.218 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

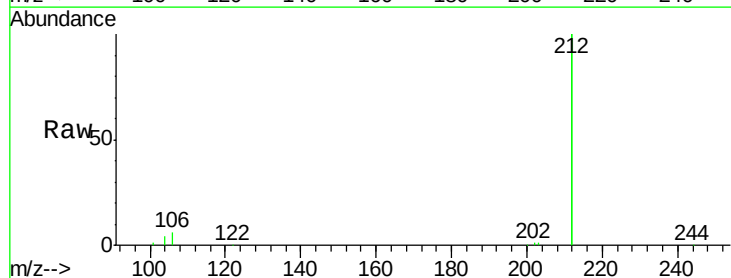
Tgt Ion:212 Resp: 41959

Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

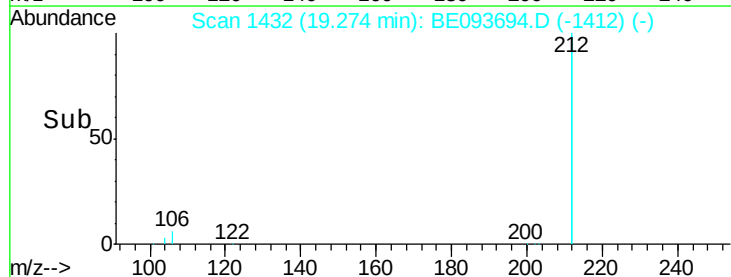
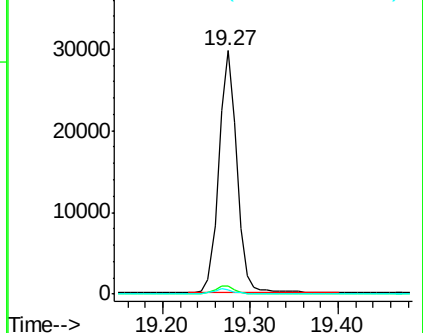
104 1.9 1.6 2.4

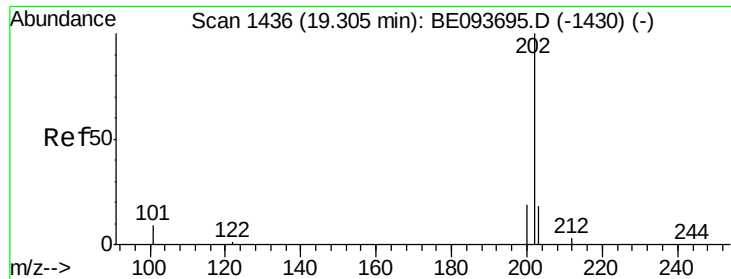


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

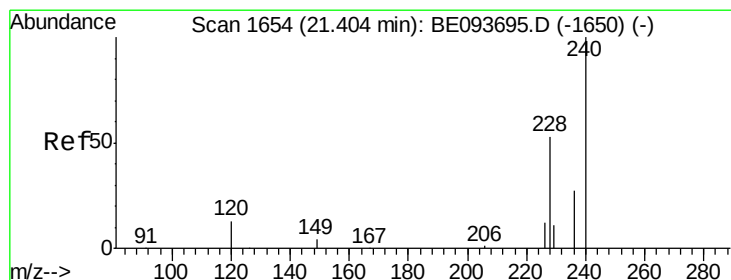
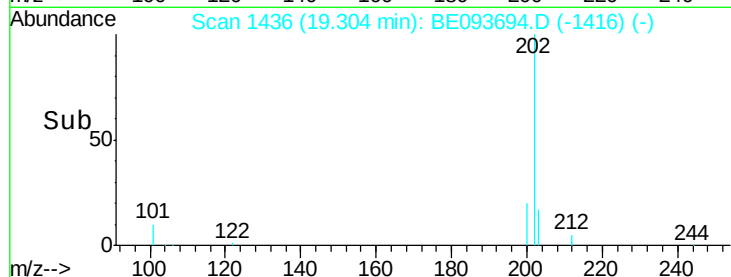
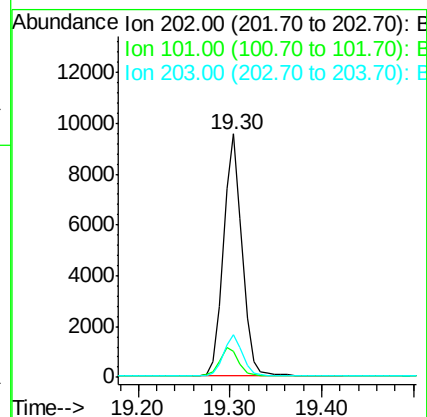
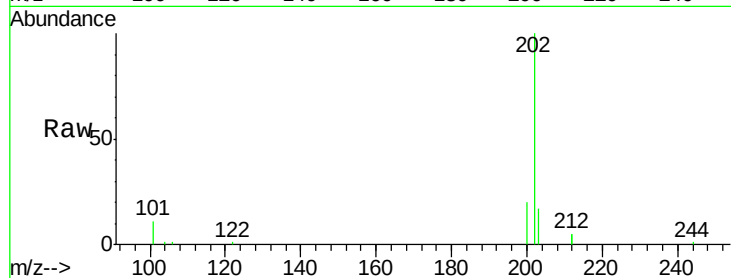




#26
Fluoranthene
Concen: 0.223 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

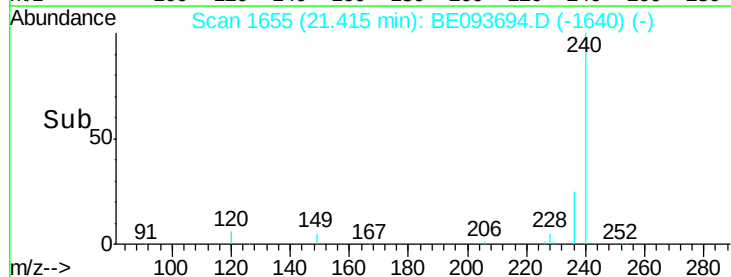
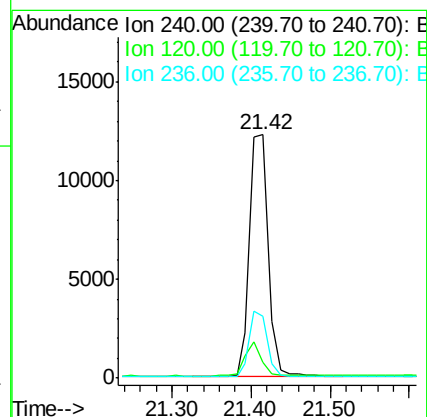
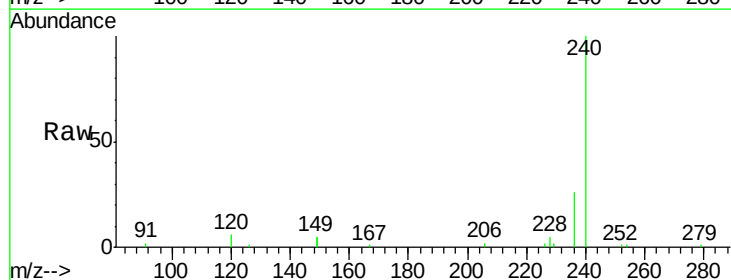
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

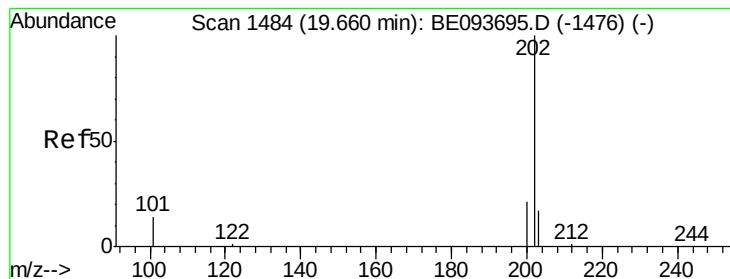
Tgt Ion:202 Resp: 13224
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
203 16.7 14.4 21.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

Tgt Ion:240 Resp: 20338
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 25.5 20.8 31.2





#28

Pyrene

Concen: 0.211 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

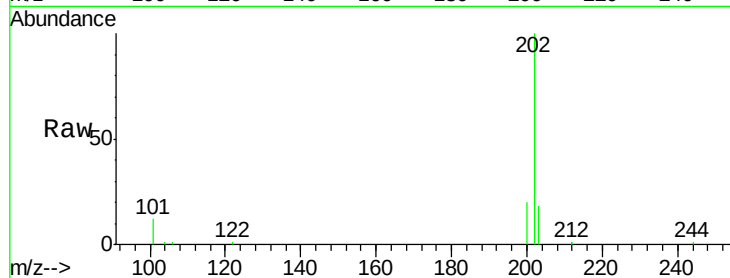
Tgt Ion:202 Resp: 13864

Ion Ratio Lower Upper

202 100

200 20.6 0.0 0.0#

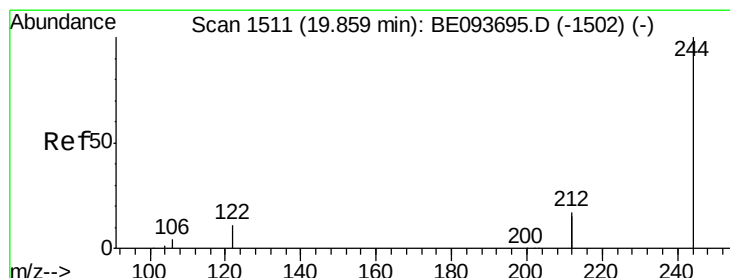
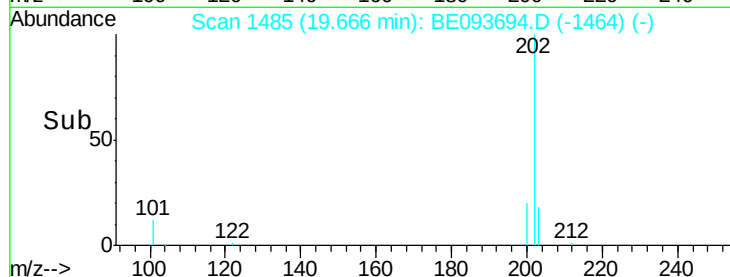
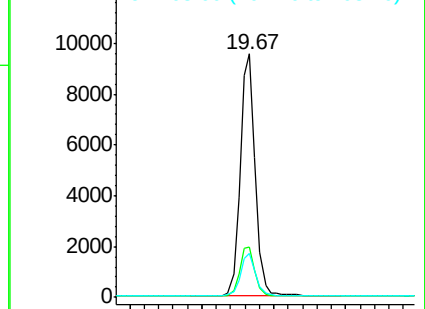
203 17.7 13.7 20.5



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: 0.201 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

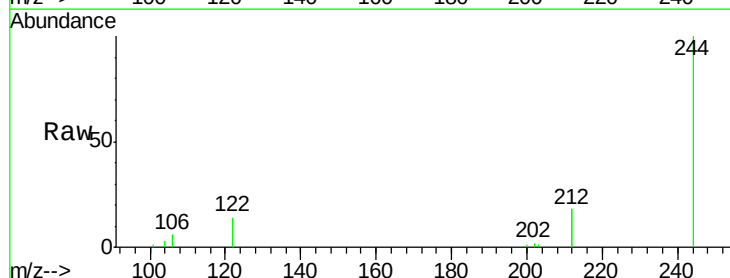
Tgt Ion:244 Resp: 7346

Ion Ratio Lower Upper

244 100

212 36.3 10.6 16.0#

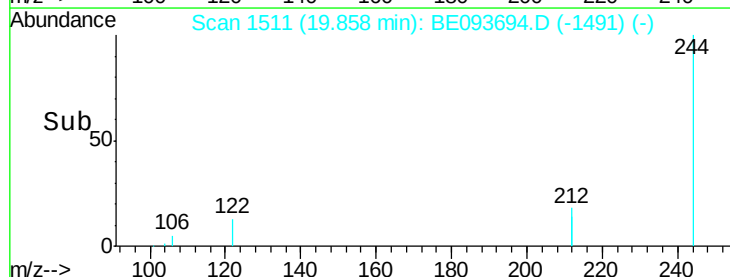
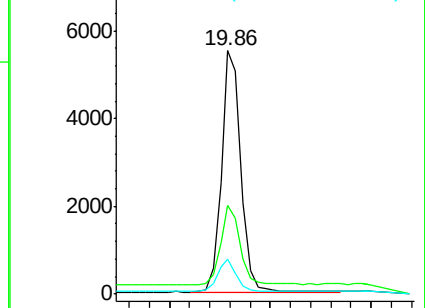
122 14.2 15.4 23.0#

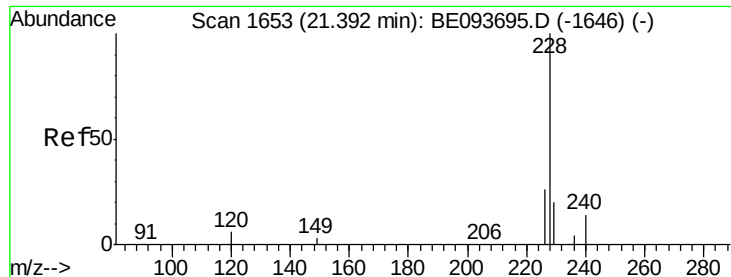


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.228 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

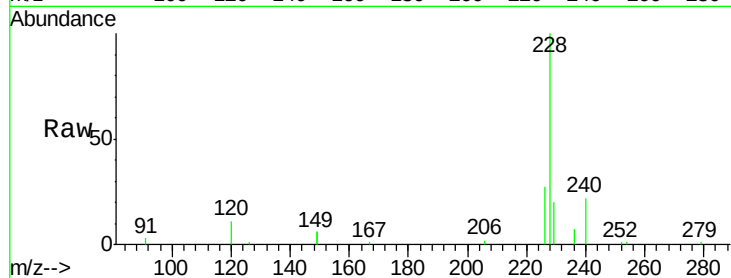
Tgt Ion:228 Resp: 13611

Ion Ratio Lower Upper

228 100

226 26.8 19.7 29.5

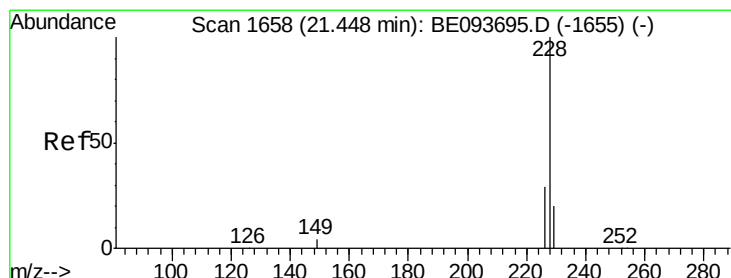
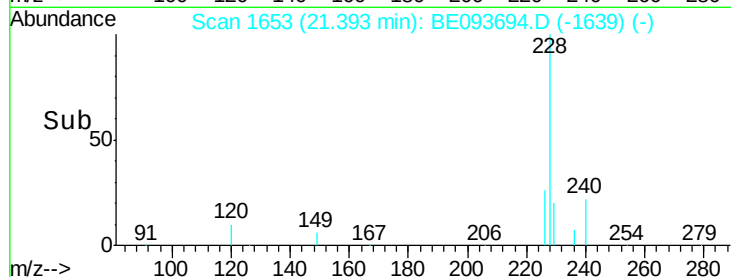
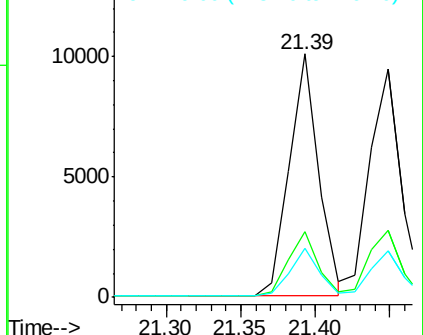
229 20.3 19.2 28.8



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: 0.206 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

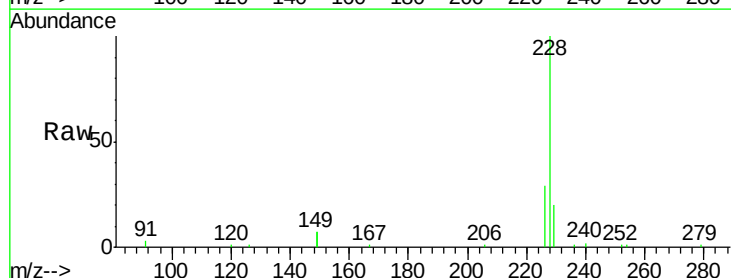
Tgt Ion:228 Resp: 13744

Ion Ratio Lower Upper

228 100

226 29.4 21.5 32.3

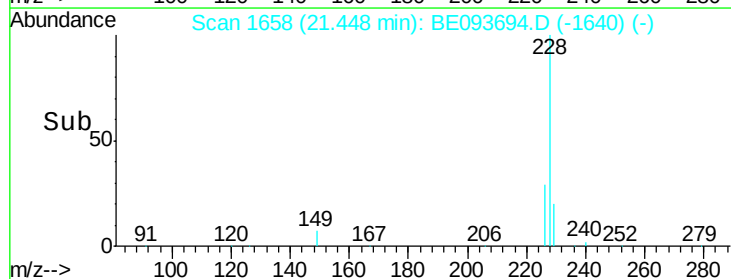
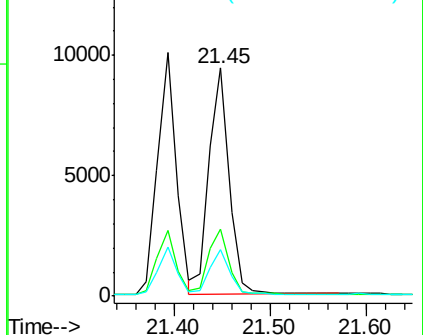
229 20.3 18.6 28.0

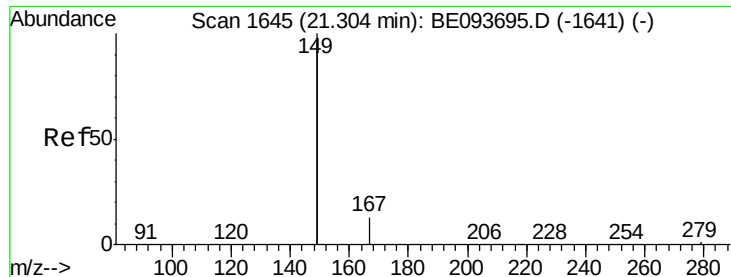


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.367 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

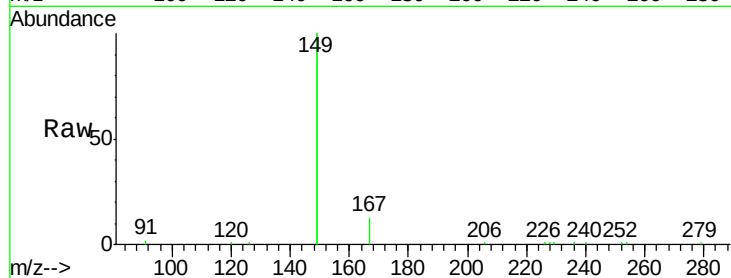
Tgt Ion:149 Resp: 29912

Ion Ratio Lower Upper

149 100

167 6.5 4.8 7.2

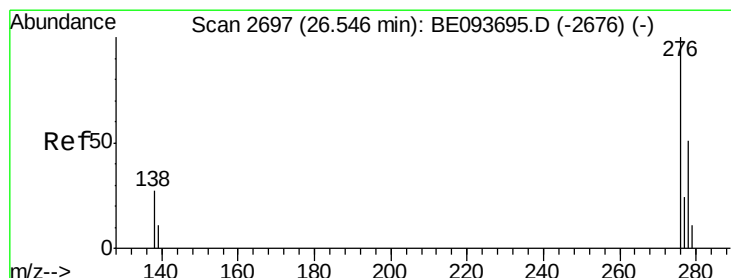
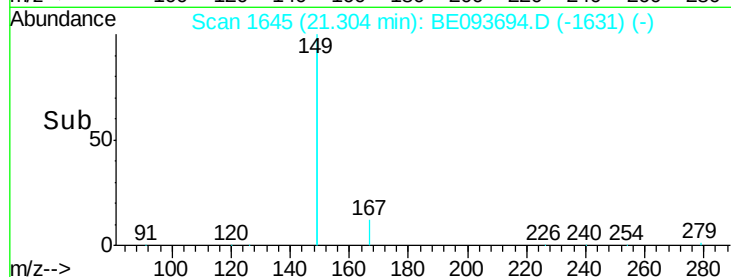
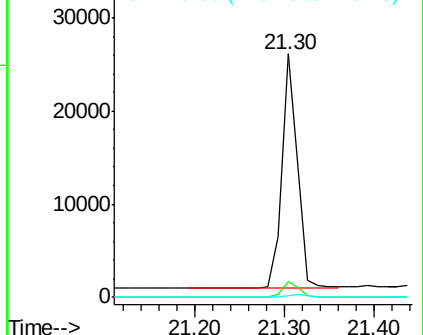
279 0.9 0.8 1.2



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: 0.221 ng

RT: 26.55 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

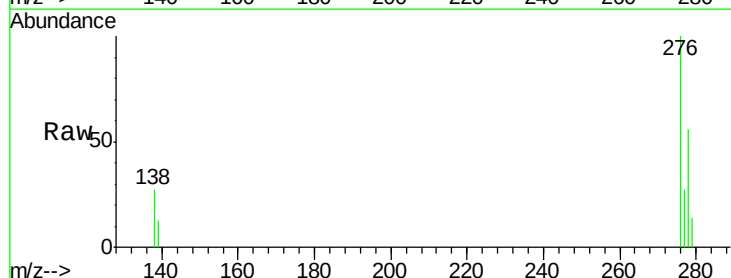
Tgt Ion:276 Resp: 13321

Ion Ratio Lower Upper

276 100

138 28.1 27.4 41.2

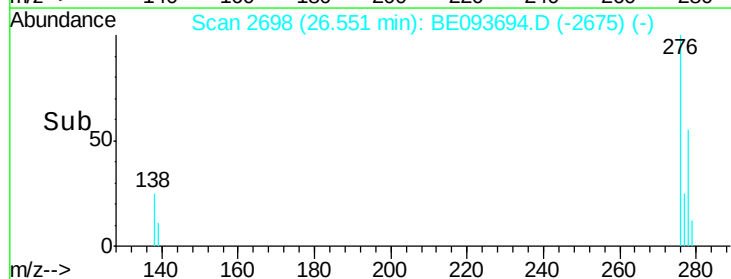
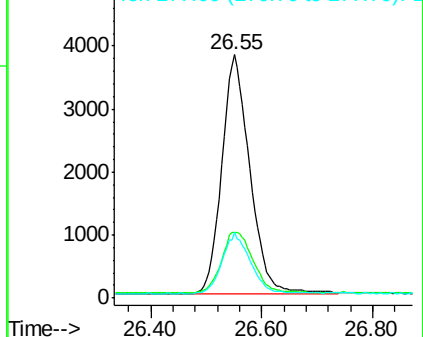
277 24.7 20.1 30.1

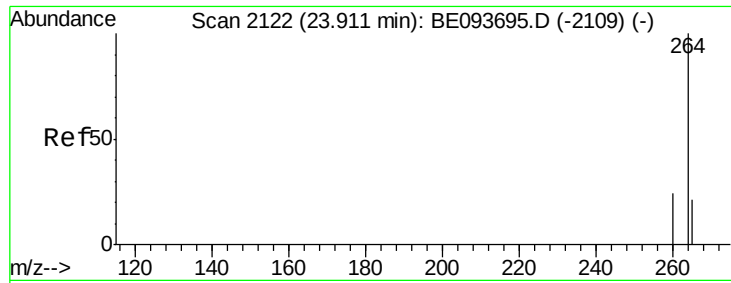


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

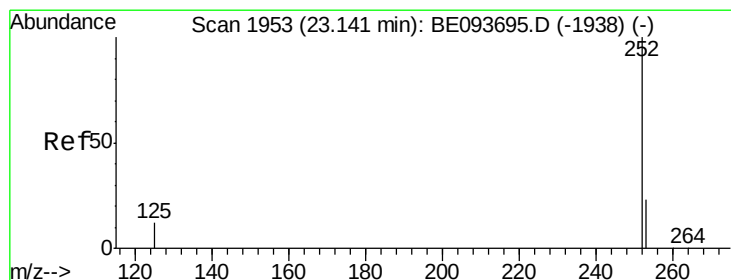
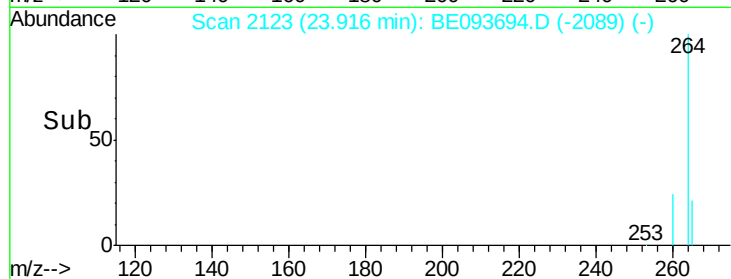
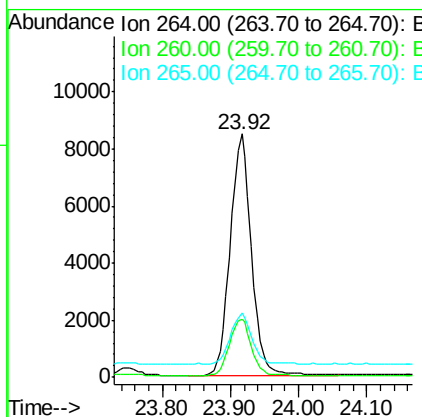
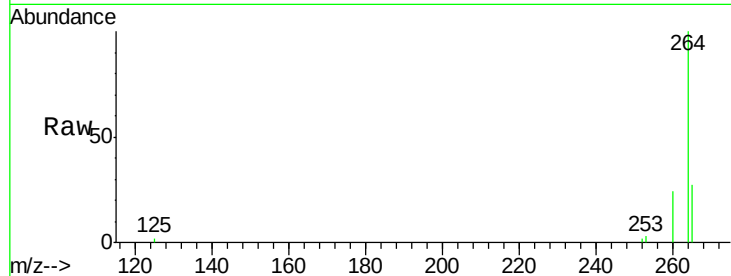




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BE093694.D
 Acq: 7 Aug 2017 9:54

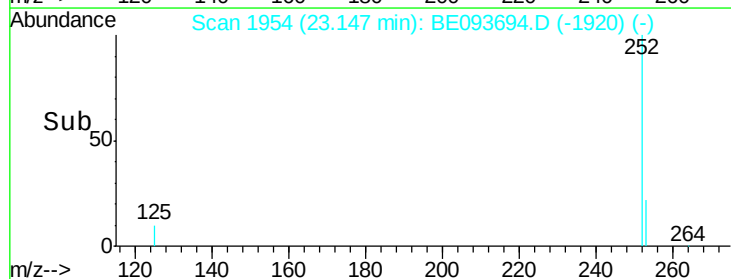
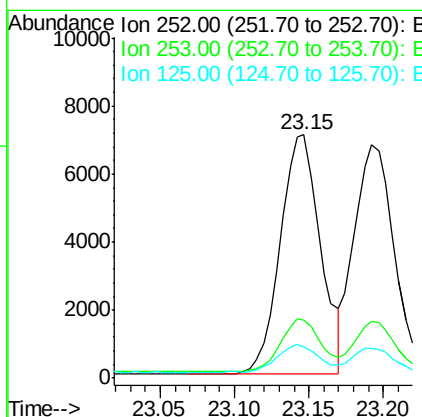
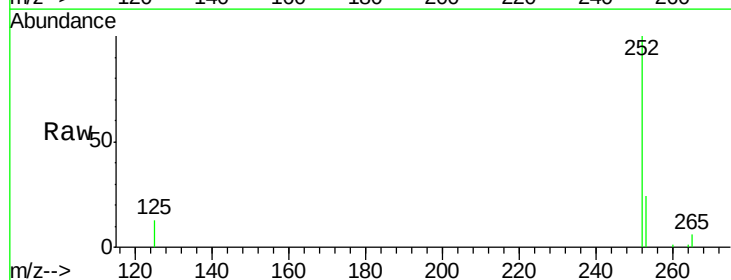
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

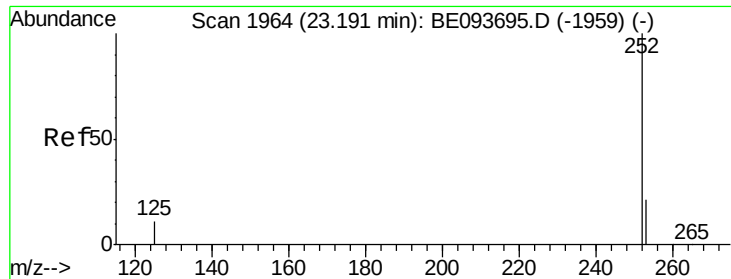
Tgt Ion: 264 Resp: 18269
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.0 31.4
 265 26.7 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.203 ng
 RT: 23.15 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BE093694.D
 Acq: 7 Aug 2017 9:54

Tgt Ion: 252 Resp: 13219
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.5 27.7
 125 12.7 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.192 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

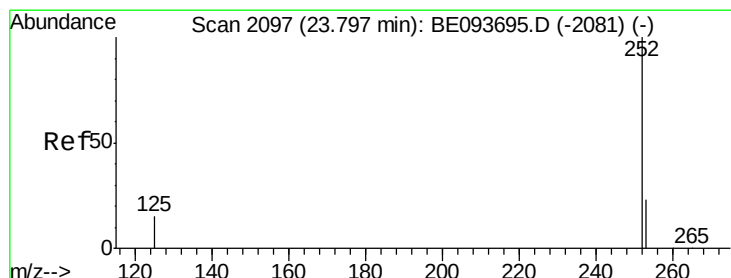
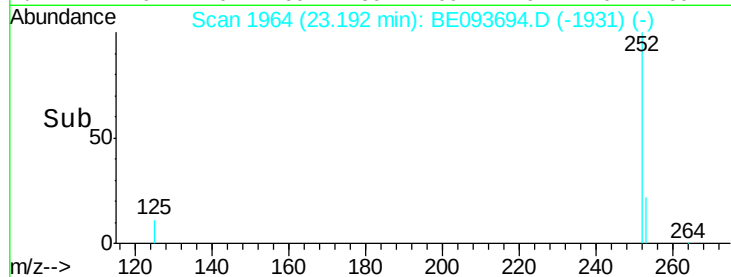
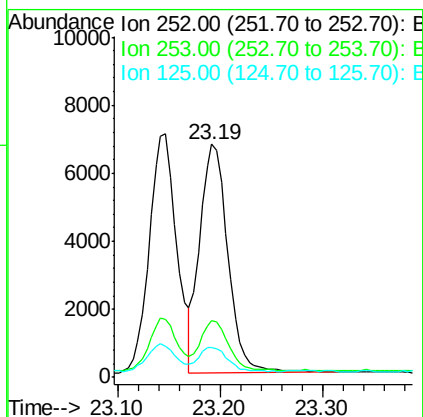
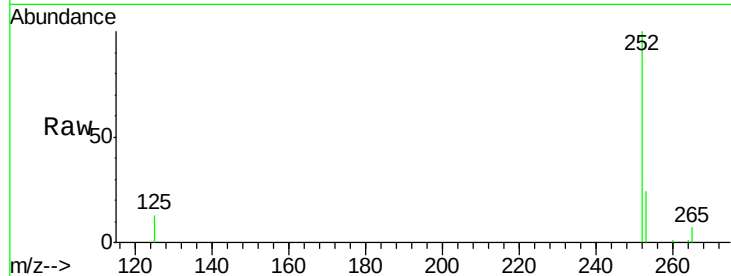
Tgt Ion:252 Resp: 12823

Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

125 12.9 12.2 18.4



#37

Benzo(a)pyrene

Concen: 0.208 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093694.D

Acq: 7 Aug 2017 9:54

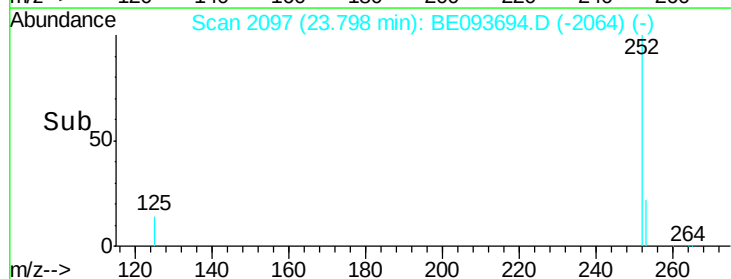
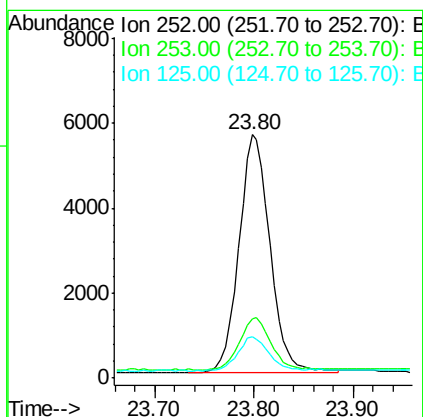
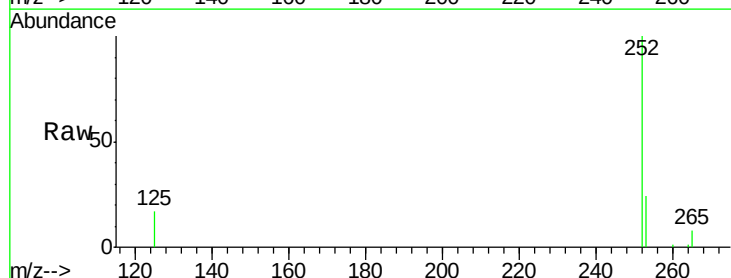
Tgt Ion:252 Resp: 12289

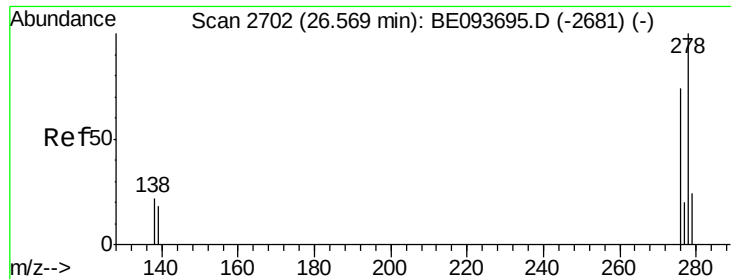
Ion Ratio Lower Upper

252 100

253 24.4 19.9 29.9

125 16.9 14.6 21.8



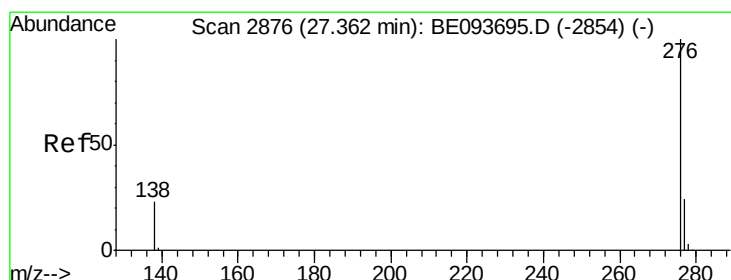
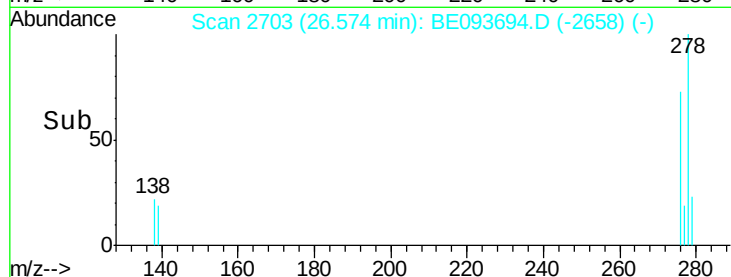
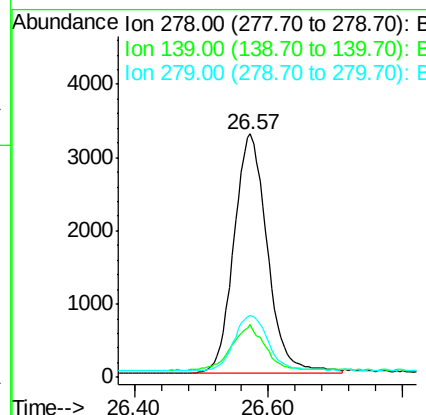
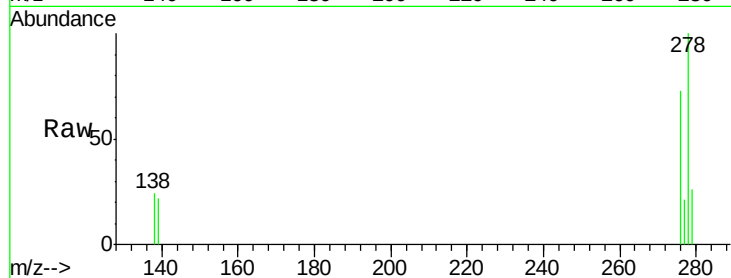


#38
Dibenzo(a,h)anthracene
Concen: 0.198 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.00 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 278 Resp: 11314

Ion	Ratio	Lower	Upper
278	100		
139	21.5	21.4	32.0
279	25.6	22.2	33.2



#39
Benzo(g,h,i)perylene
Concen: 0.199 ng
RT: 27.37 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BE093694.D
Acq: 7 Aug 2017 9:54

Tgt Ion: 276 Resp: 11525

Ion	Ratio	Lower	Upper
276	100		
277	24.3	21.2	31.8
138	25.9	24.5	36.7

