

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
 Data File : BE093883.D
 Acq On : 26 Aug 2017 10:21
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Aug 28 02:06:22 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 01:59:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1851	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9244	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5202	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10723	0.40	ng	0.00
27) Chrysene-d12	21.41	240	12607	0.40	ng	0.00
34) Perylene-d12	23.92	264	10350	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2233	0.38	ng	0.00
5) Phenol-d6	7.09	99	3302	0.36	ng	0.00
8) Nitrobenzene-d5	9.06	82	2961	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5741	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	479	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	8021	0.39	ng	0.00
25) Fluoranthene-d10	19.27	212	51619	0.42	ng	0.00
29) Terphenyl-d14	19.87	244	8659	0.39	ng	0.00

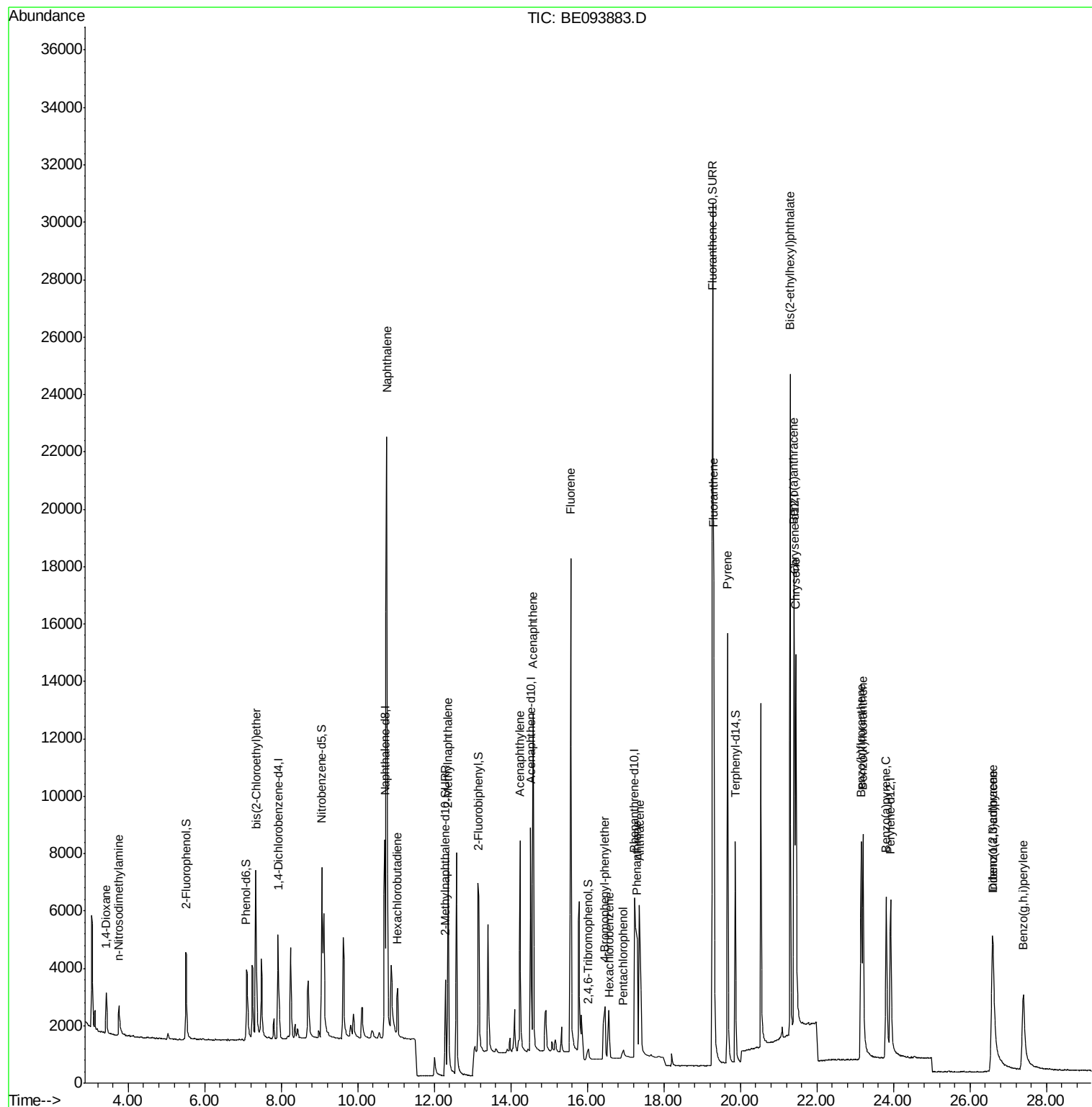
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	952	0.346	ng	94
3) n-Nitrosodimethylamine	3.75	42	1073	0.378	ng	99
6) bis(2-Chloroethyl)ether	7.34	93	2595	0.370	ng	100
9) Naphthalene	10.76	128	41640	0.393	ng	100
10) Hexachlorobutadiene	11.04	225	1437	0.370	ng	100
12) 2-Methylnaphthalene	12.36	142	6815	0.383	ng	100
16) Acenaphthylene	14.24	152	9592	0.370	ng	100
17) Acenaphthene	14.58	154	6619	0.379	ng	100
18) Fluorene	15.56	166	8508	0.377	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	1778	0.542	ng	100
21) Hexachlorobenzene	16.58	284	1615	0.482	ng	# 100
22) Pentachlorophenol	16.94	266	546	0.259	ng	100
23) Phenanthrene	17.30	178	10586	0.451	ng	# 100
24) Anthracene	17.37	178	10486	0.314	ng	# 100
26) Fluoranthene	19.30	202	15470	0.414	ng	100
28) Pyrene	19.67	202	16025	0.388	ng	100
30) Benzo(a)anthracene	21.40	228	13880	0.353	ng	100
31) Chrysene	21.45	228	15873	0.389	ng	100
32) Bis(2-ethylhexyl)phthalate	21.30	149	28236	0.339	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	10580	0.285	ng	100
35) Benzo(b)fluoranthene	23.15	252	12020	0.345	ng	100
36) Benzo(k)fluoranthene	23.20	252	14748	0.402	ng	100
37) Benzo(a)pyrene	23.81	252	12286	0.369	ng	100
38) Dibenzo(a,h)anthracene	26.60	278	8817	0.293	ng	100
39) Benzo(g,h,i)perylene	27.40	276	9405	0.308	ng	100

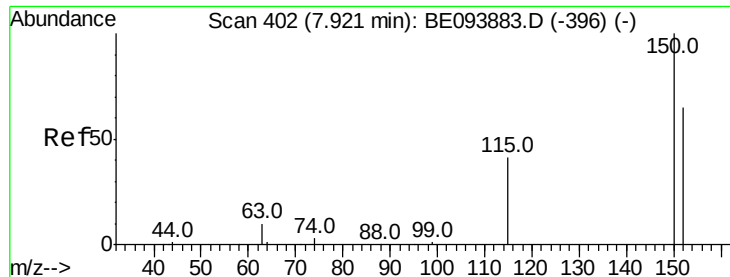
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
Data File : BE093883.D
Acq On : 26 Aug 2017 10:21
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 28 02:06:22 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 01:59:34 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: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

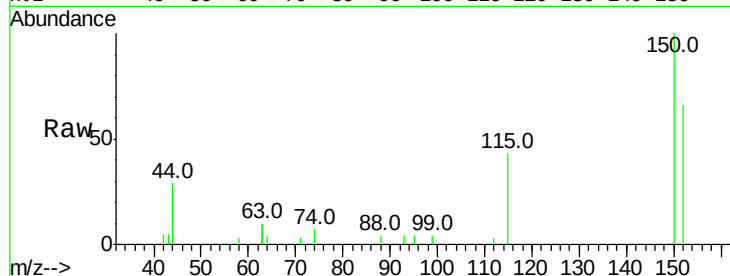
Tot Ion:152 Resp: 1851

Ion Ratio Lower Upper

152 100

150 152.2 121.8 182.6

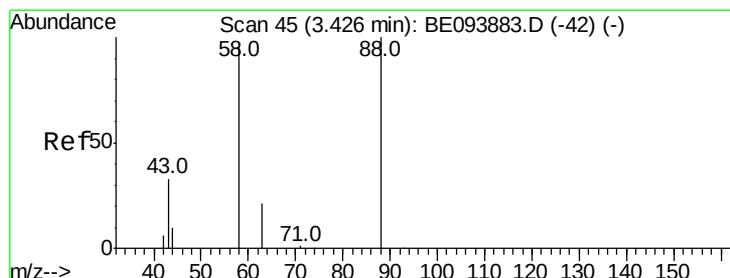
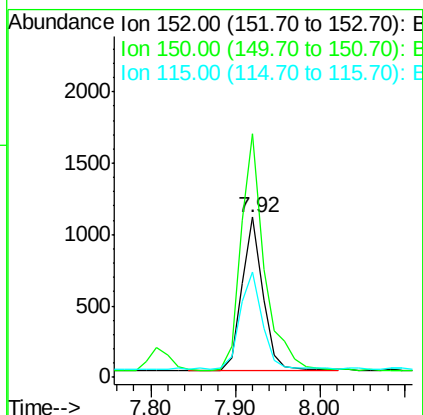
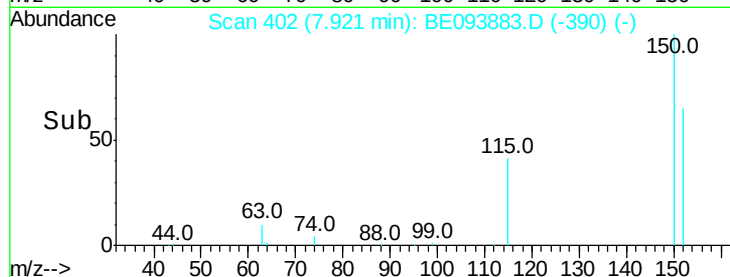
115 65.8 52.6 79.0



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: 0.346 ng

RT: 3.43 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

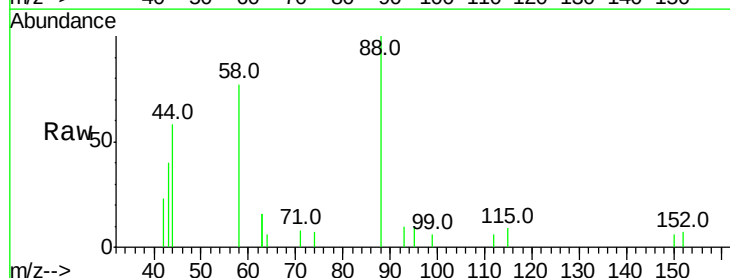
Tgt Ion: 88 Resp: 952

Ion Ratio Lower Upper

88 100

58 87.7 65.4 98.0

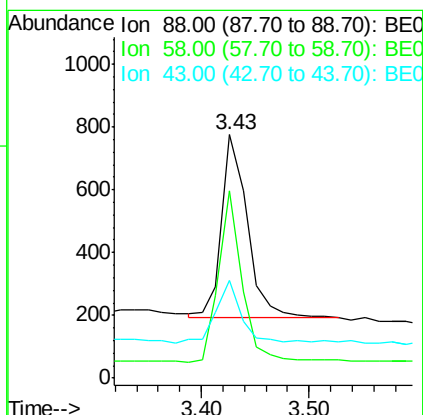
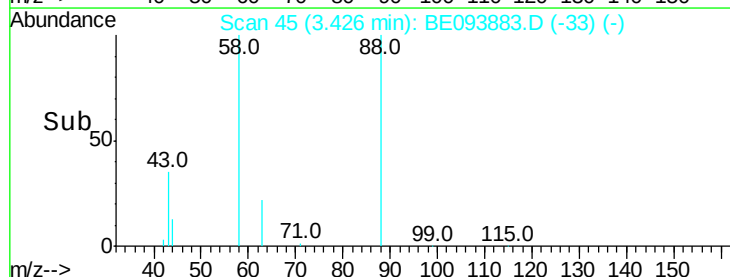
43 32.2 23.9 35.9

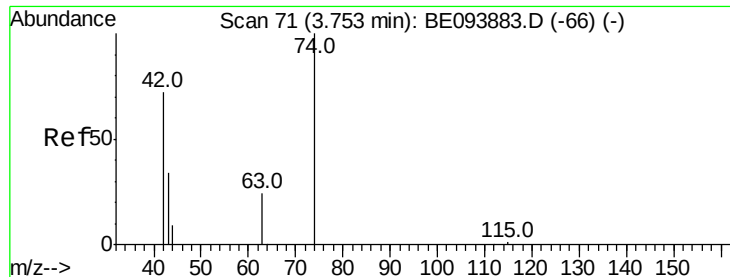


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.378 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

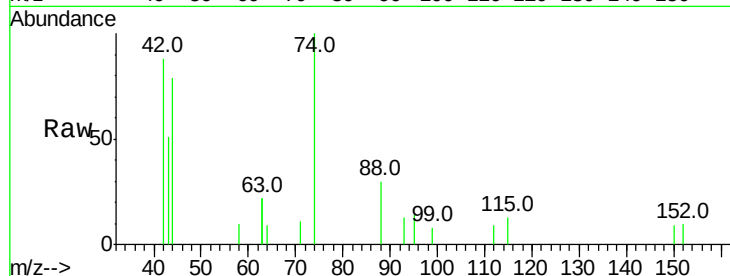
Tot Ion: 42 Resp: 1073

Ion Ratio Lower Upper

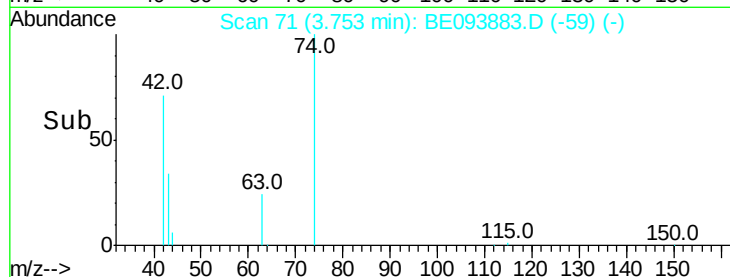
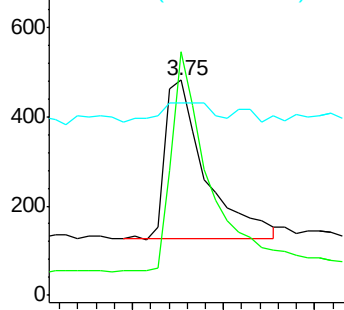
42 100

74 131.0 104.0 156.0

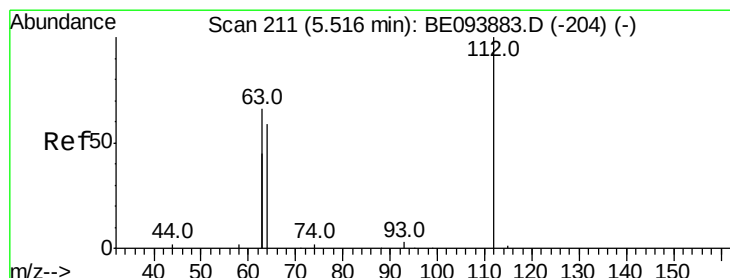
44 17.1 13.8 20.8



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.376 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

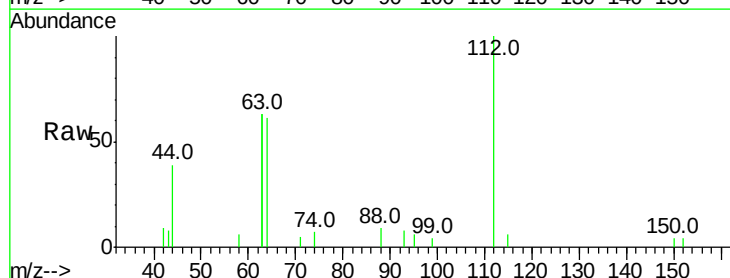
Tgt Ion: 112 Resp: 2233

Ion Ratio Lower Upper

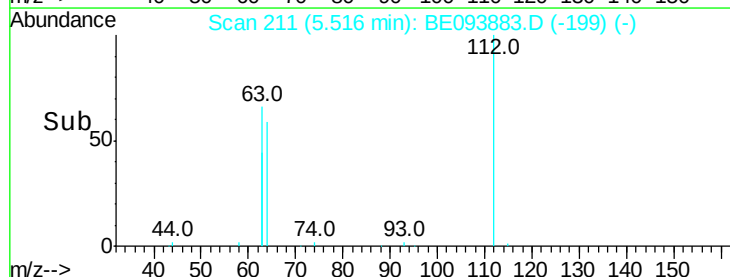
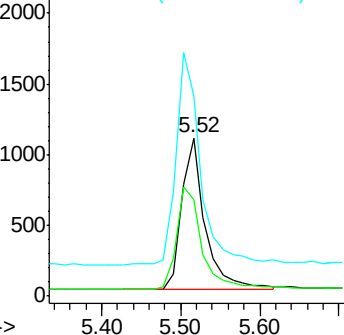
112 100

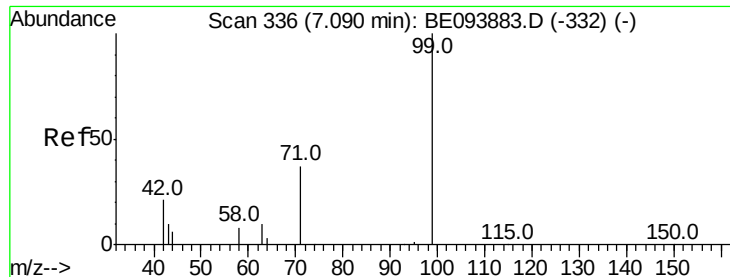
64 72.1 57.7 86.5

63 145.0 116.0 174.0



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: 0.365 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

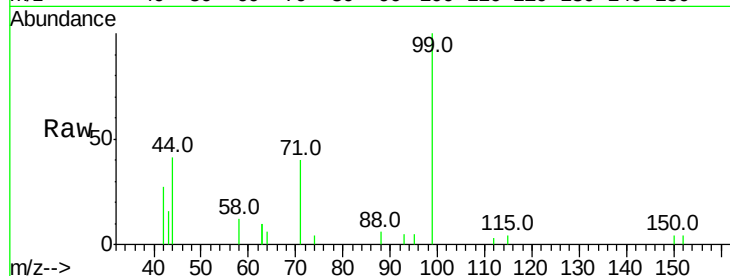
Tot Ion: 99 Resp: 3302

Ion Ratio Lower Upper

99 100

42 21.4 17.1 25.7

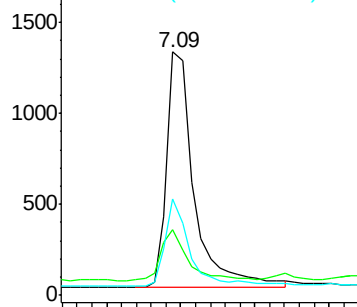
71 33.2 26.6 39.8



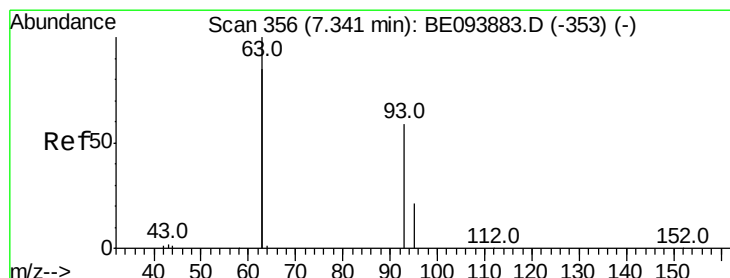
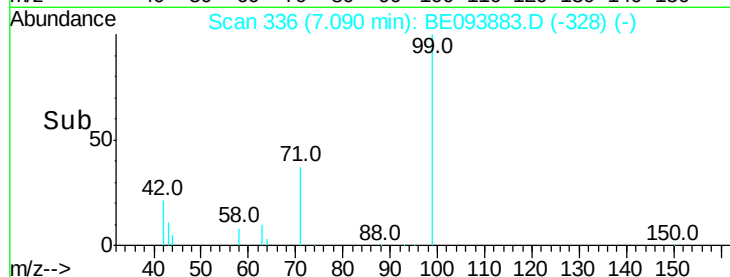
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.370 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

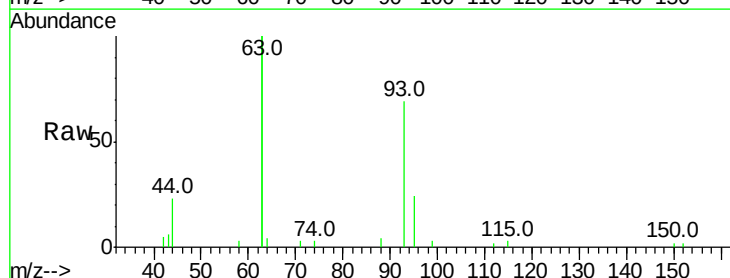
Tgt Ion: 93 Resp: 2595

Ion Ratio Lower Upper

93 100

63 354.3 283.4 425.2

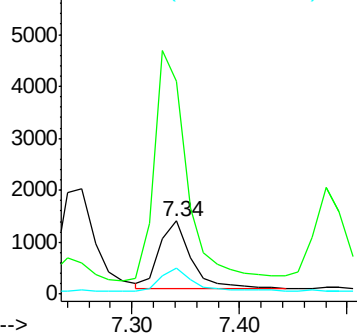
95 33.6 26.9 40.3



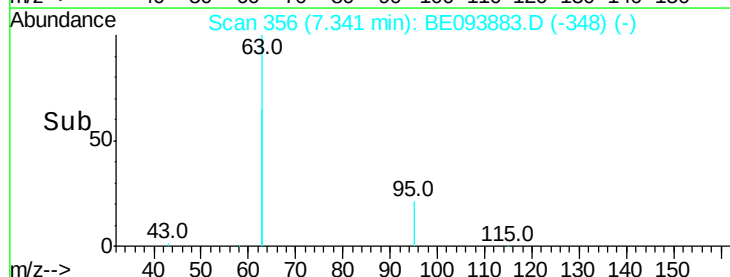
Abundance Ion 93.00 (92.70 to 93.70): BE0

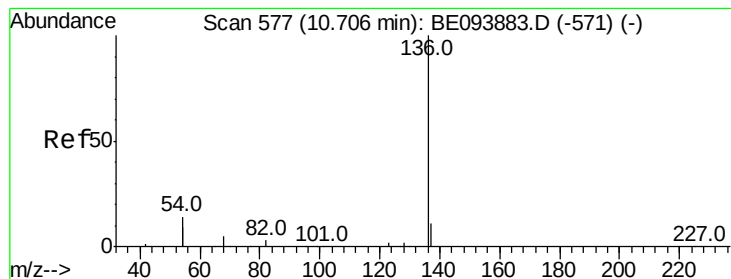
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 9244

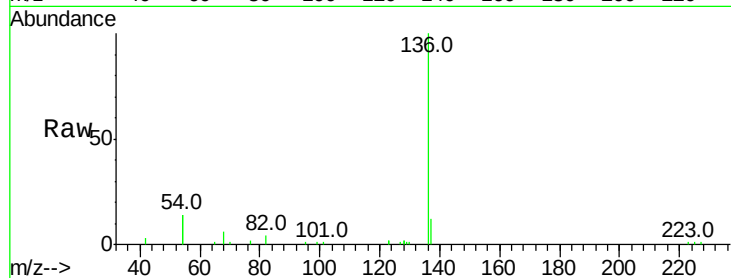
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 27.4 21.9 32.9

68 5.8 4.6 7.0

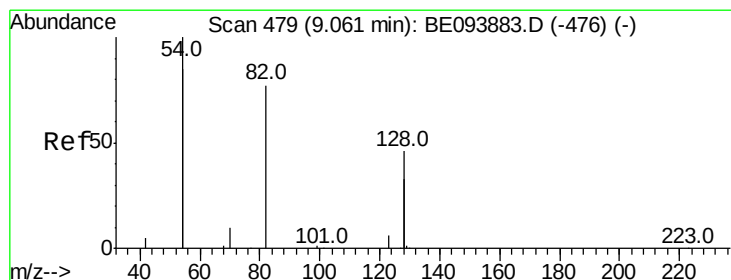
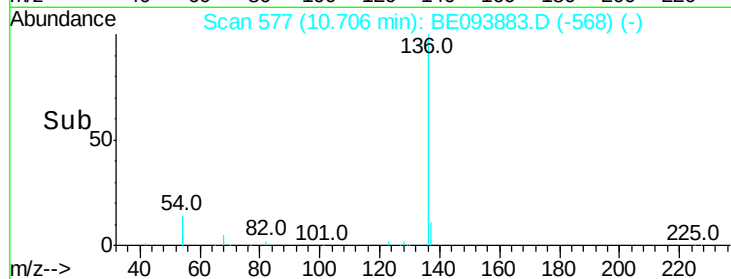
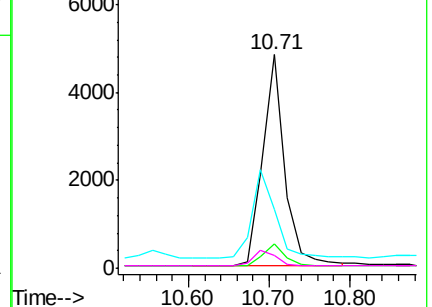


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

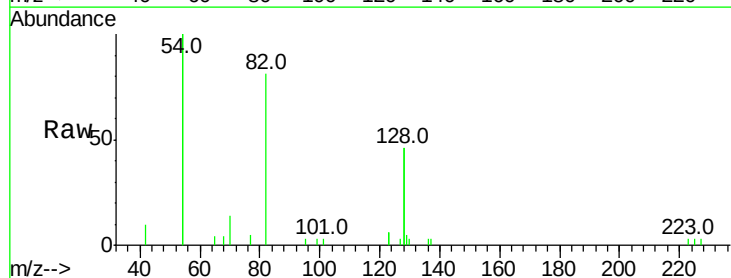
Tgt Ion: 82 Resp: 2961

Ion Ratio Lower Upper

82 100

128 114.2 91.4 137.0

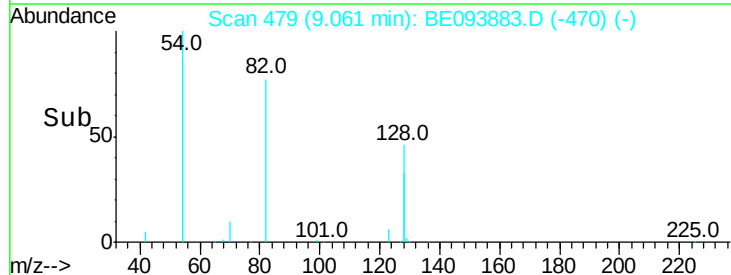
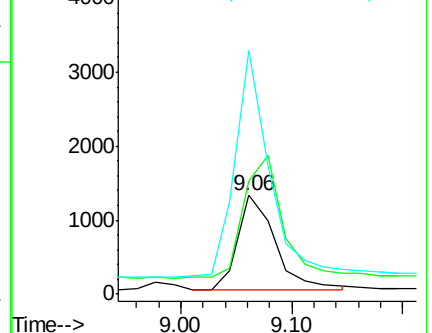
54 247.3 197.8 296.8

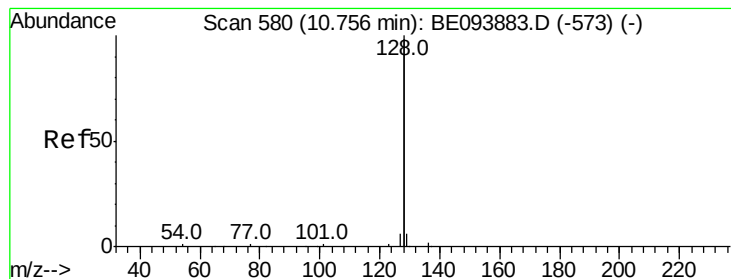


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.393 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

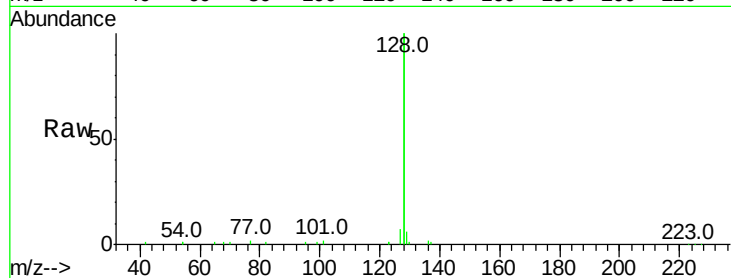
Tot Ion:128 Resp: 41640

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

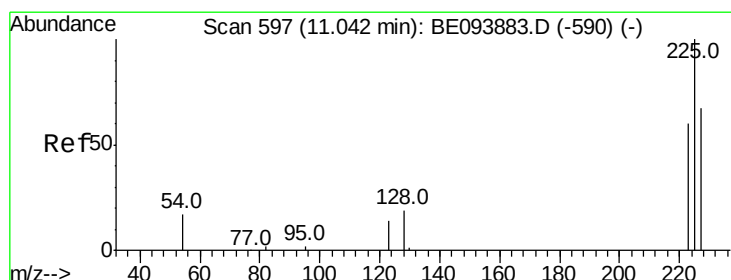
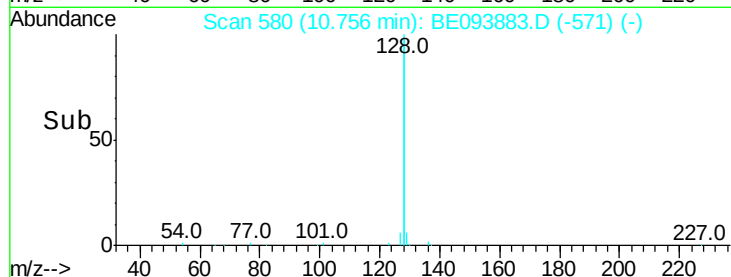
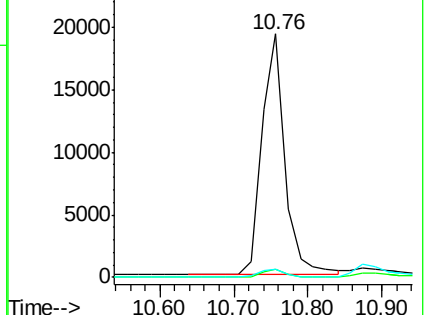
127 3.3 2.6 4.0



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: 0.370 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

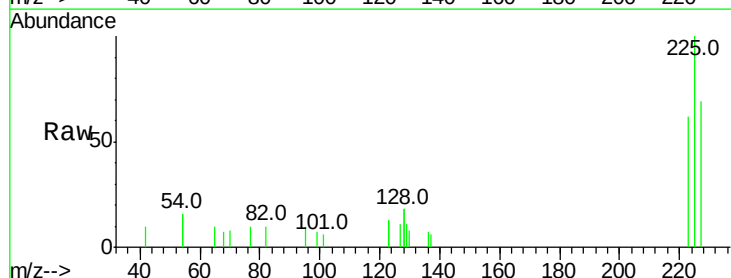
Tgt Ion:225 Resp: 1437

Ion Ratio Lower Upper

225 100

223 61.7 49.4 74.0

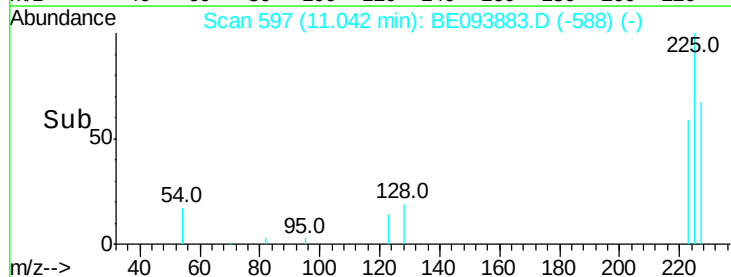
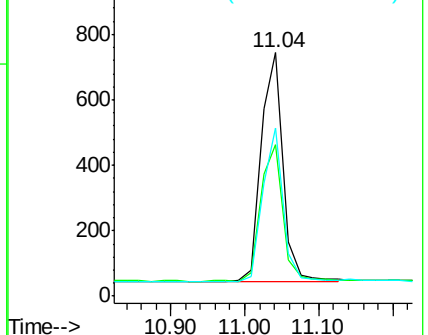
227 63.1 50.5 75.7

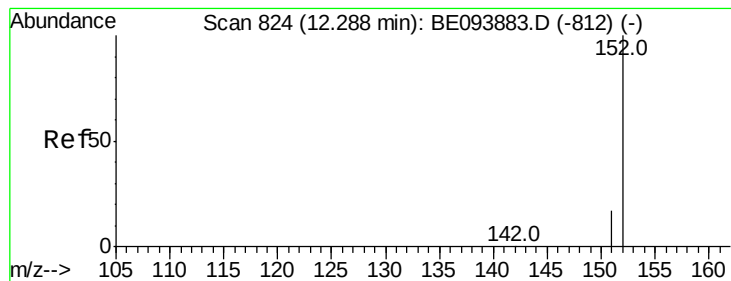


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

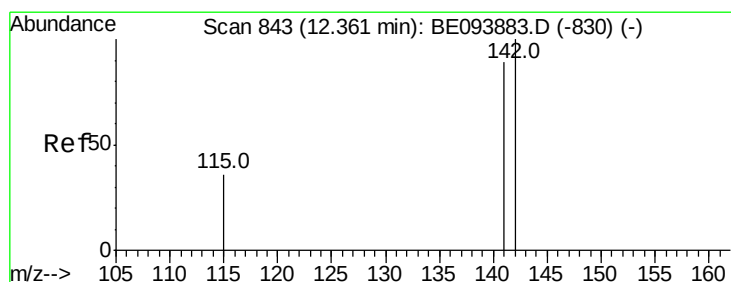
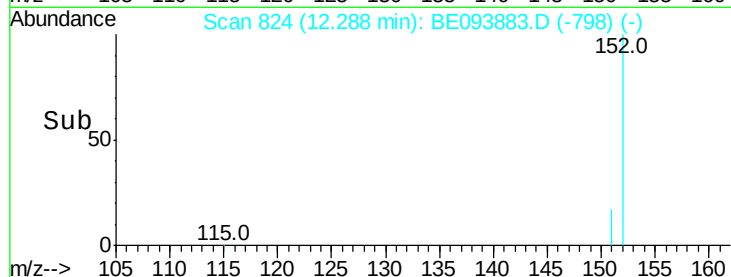
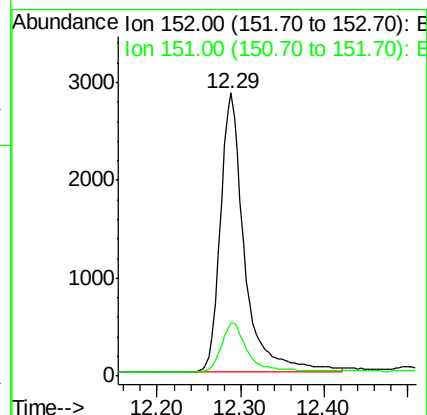
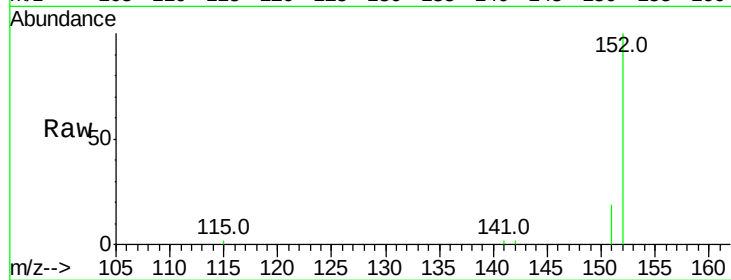
SSTDICCC0.4

Tot Ion:152 Resp: 5741

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

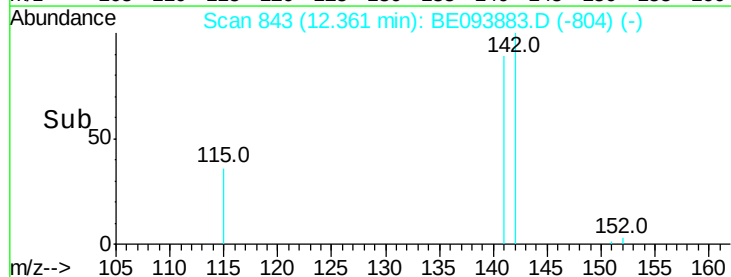
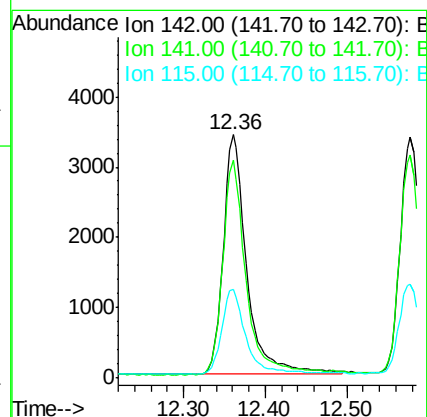
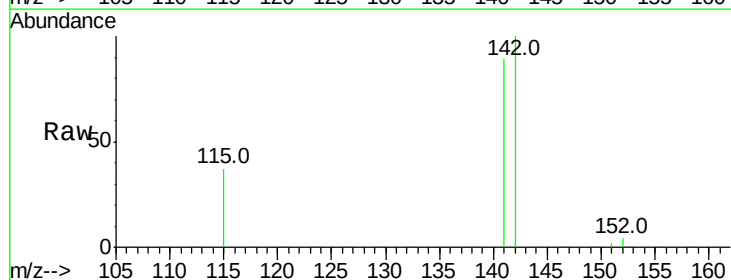
Tgt Ion:142 Resp: 6815

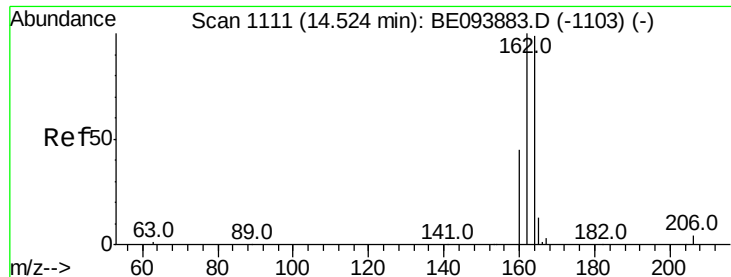
Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.2

115 36.7 29.4 44.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

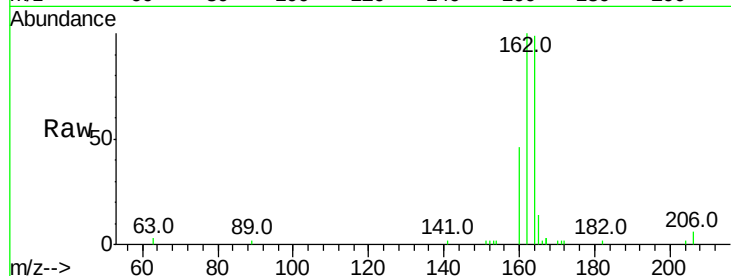
Tot Ion:164 Resp: 5202

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

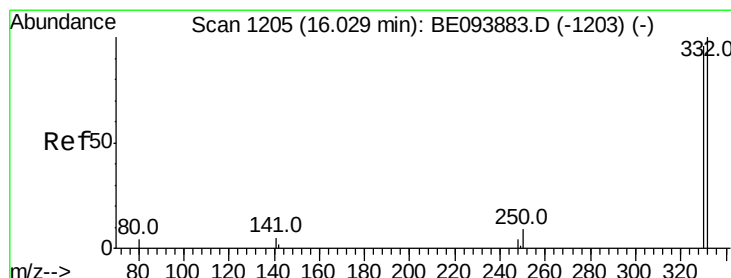
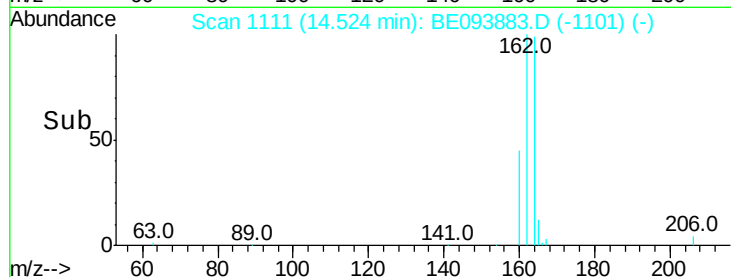
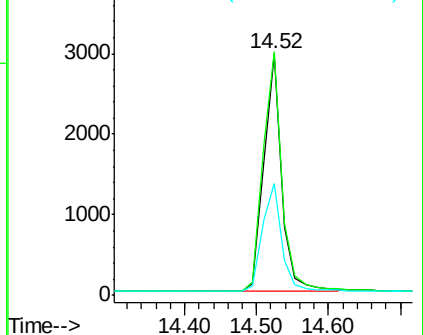
160 46.2 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.342 ng

RT: 16.03 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

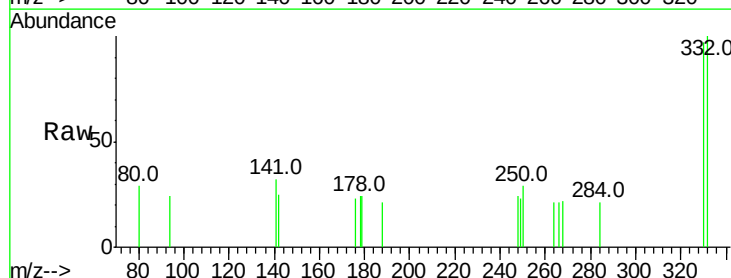
Tgt Ion:330 Resp: 479

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

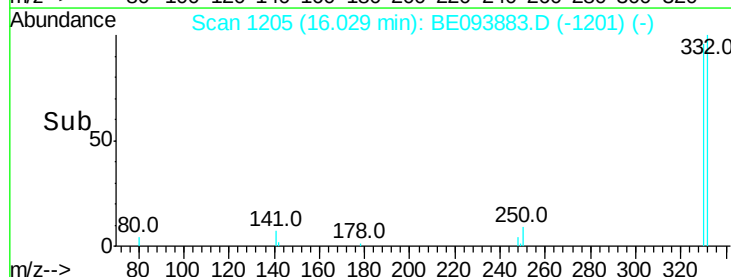
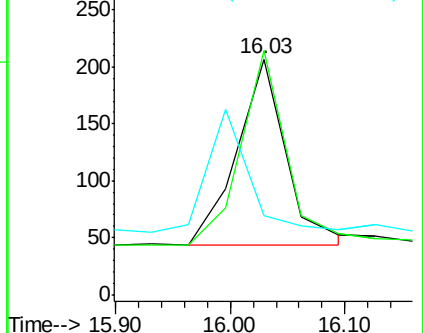
141 0.0 0.0 0.0

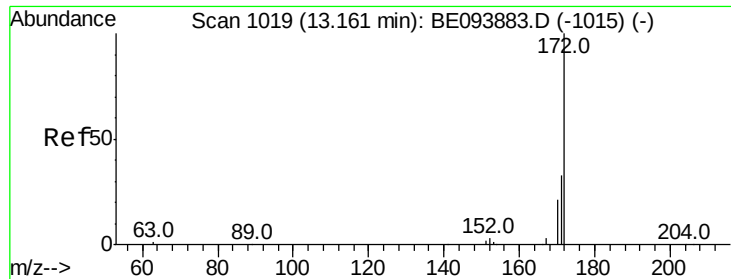


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

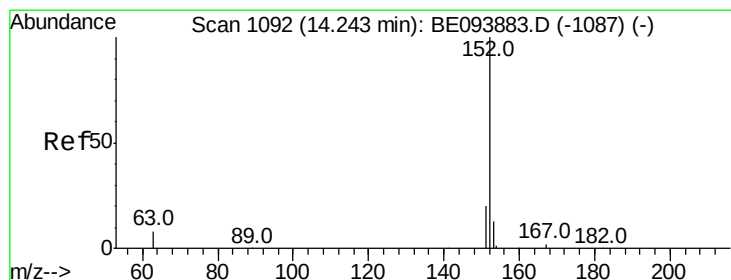
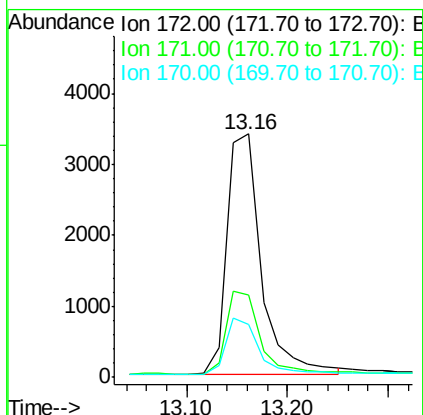
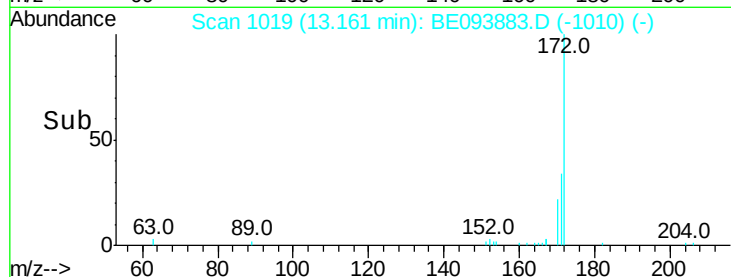
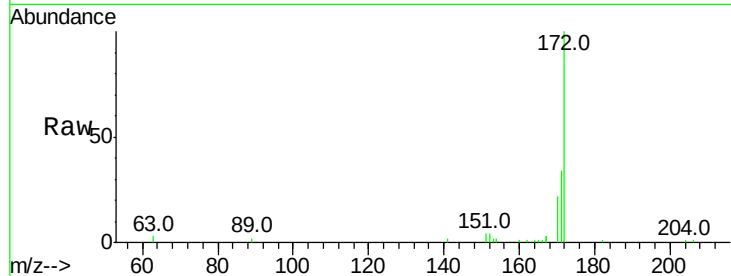




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093883.D
Acq: 26 Aug 2017 10:21

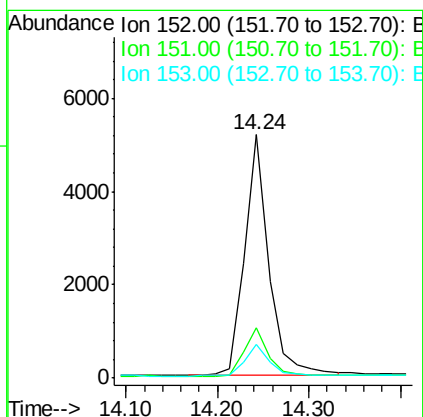
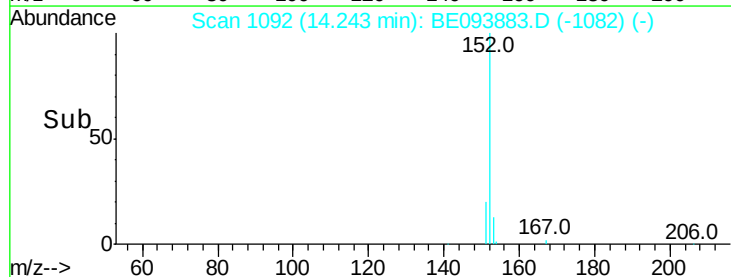
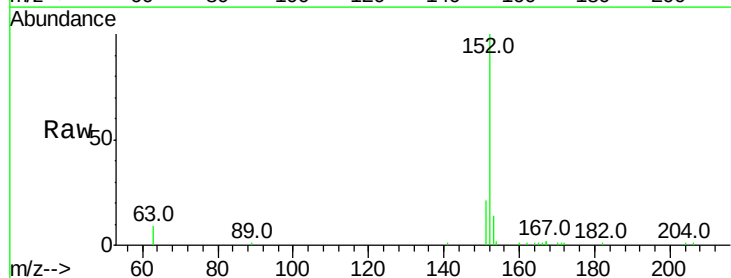
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

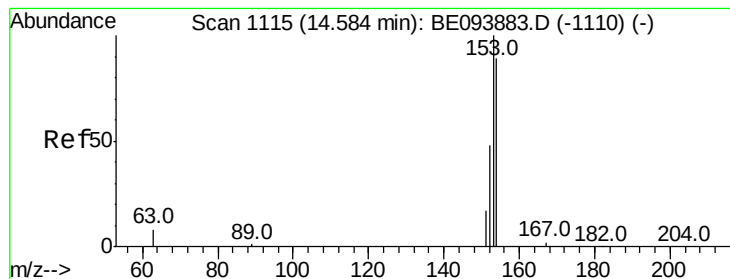
Tot Ion:172 Resp: 8021
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 21.6 17.3 25.9



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.24 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE093883.D
Acq: 26 Aug 2017 10:21

Tgt Ion:152 Resp: 9592
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.58 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

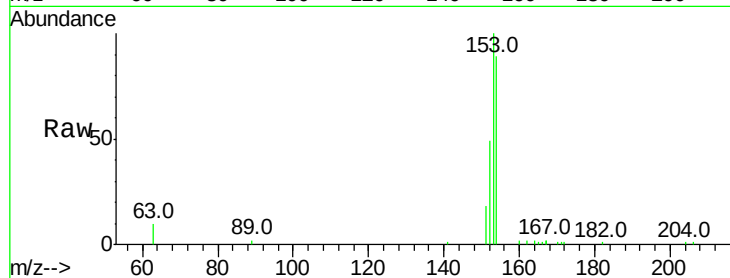
Tot Ion:154 Resp: 6619

Ion Ratio Lower Upper

154 100

153 114.7 91.8 137.6

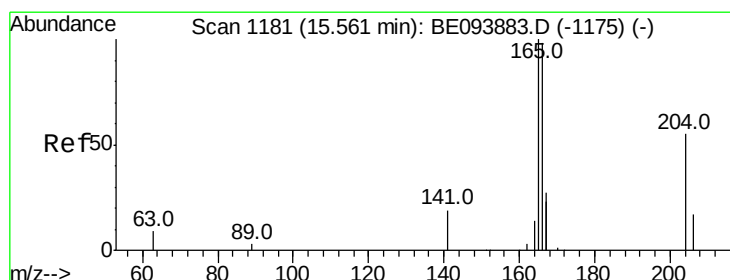
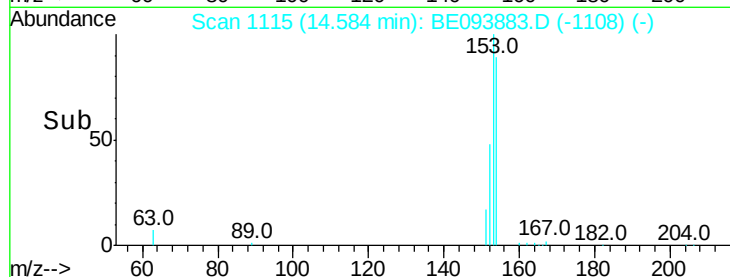
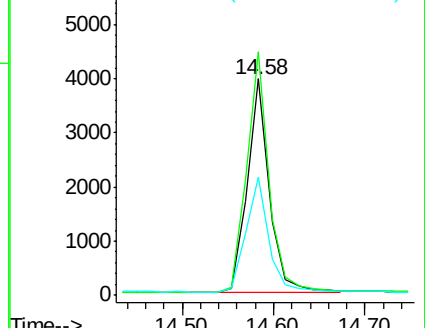
152 56.1 44.9 67.3



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: 0.377 ng

RT: 15.56 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

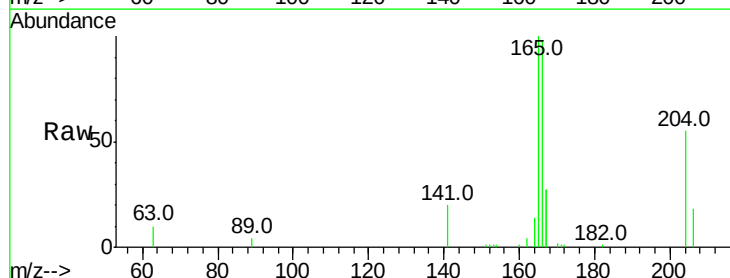
Tgt Ion:166 Resp: 8508

Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.0

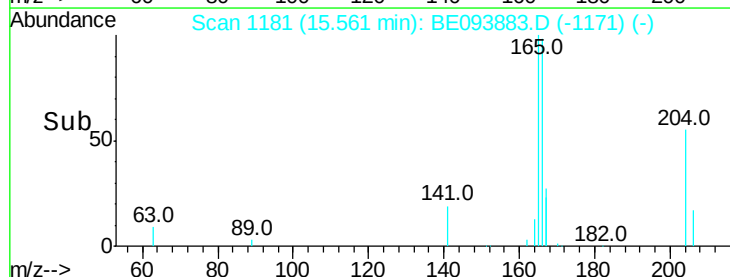
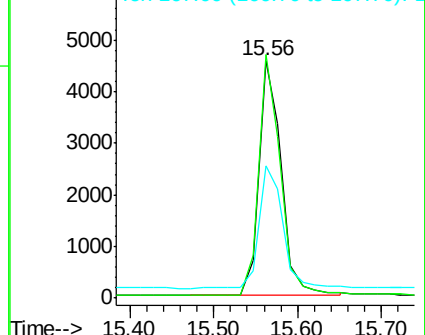
167 54.4 43.5 65.3

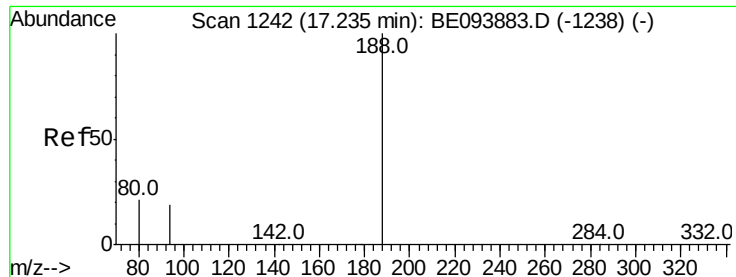


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

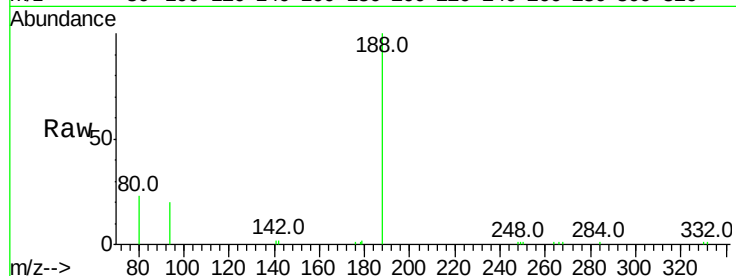
Tot Ion:188 Resp: 10723

Ion Ratio Lower Upper

188 100

94 20.1 16.1 24.1

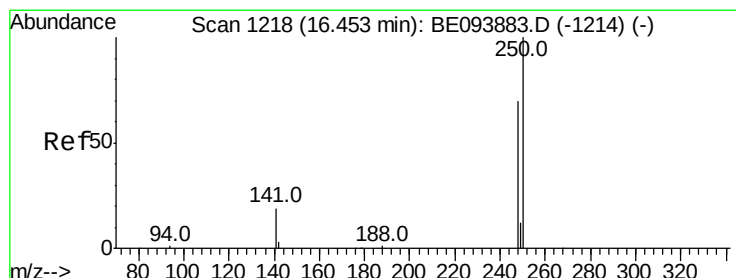
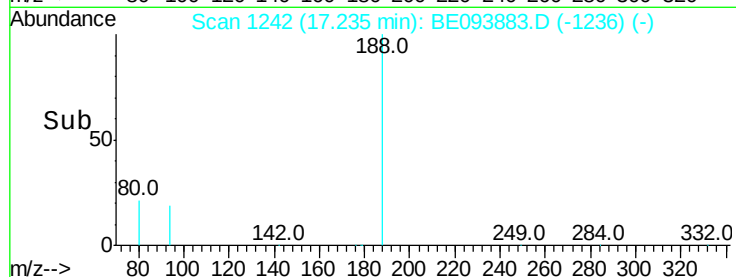
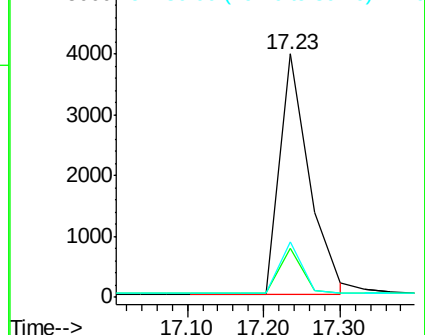
80 22.7 18.2 27.2



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: 0.542 ng

RT: 16.45 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

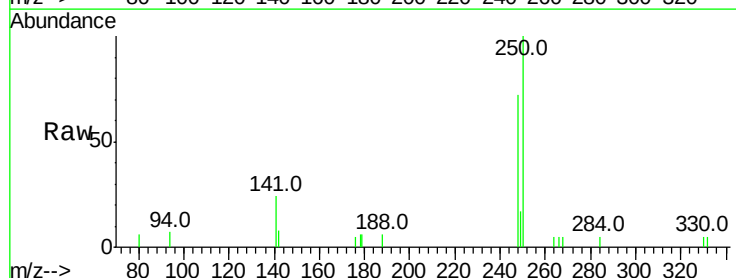
Tgt Ion:248 Resp: 1778

Ion Ratio Lower Upper

248 100

250 139.8 111.8 167.8

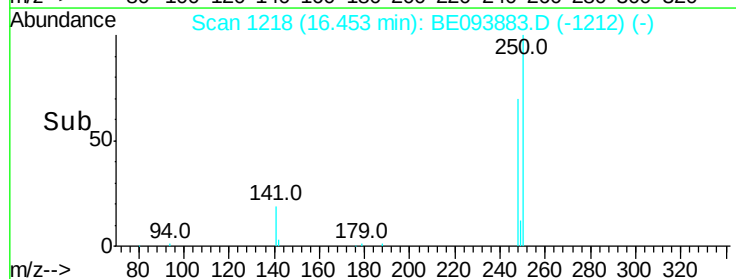
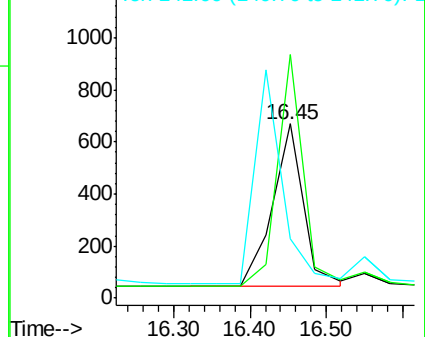
141 33.9 27.1 40.7

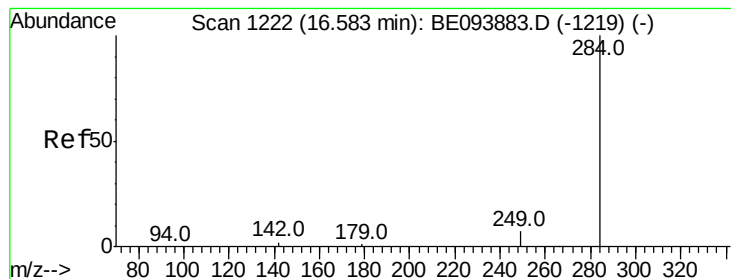


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.482 ng

RT: 16.58 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

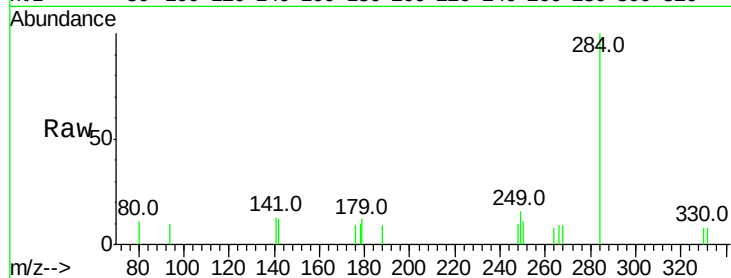
Tot Ion:284 Resp: 1615

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

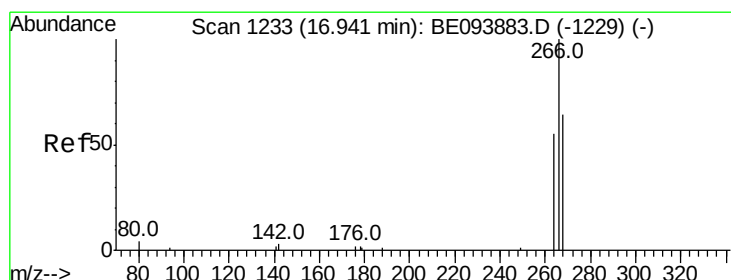
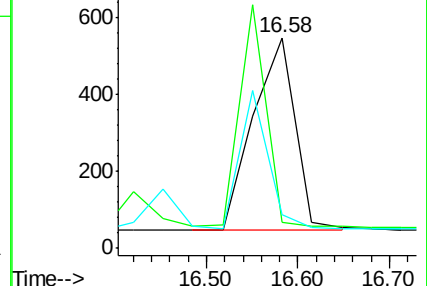
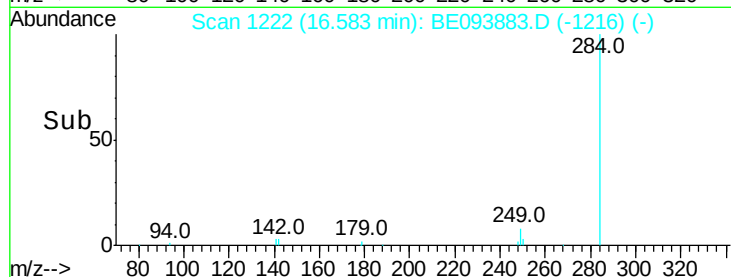
249 0.0 0.0 0.0



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: 0.259 ng

RT: 16.94 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

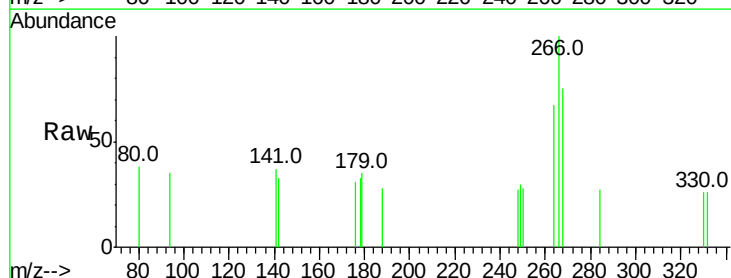
Tgt Ion:266 Resp: 546

Ion Ratio Lower Upper

266 100

264 66.9 53.5 80.3

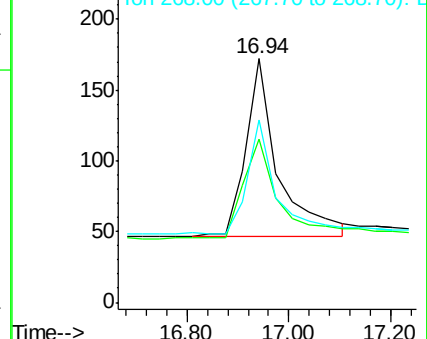
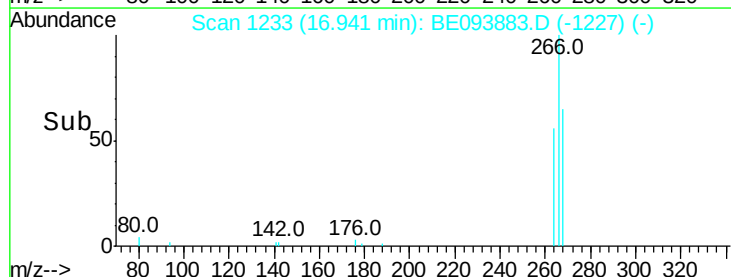
268 75.0 60.0 90.0

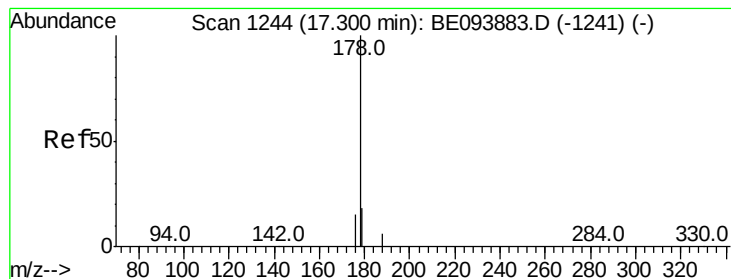


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.451 ng

RT: 17.30 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

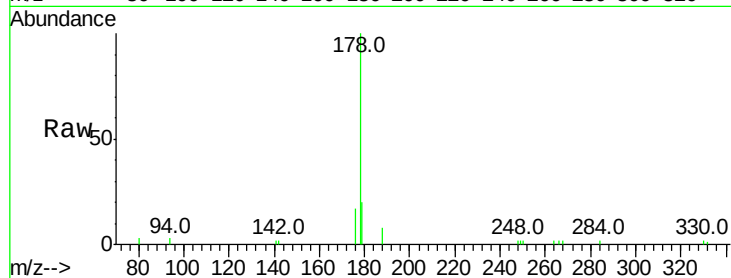
Tot Ion:178 Resp: 10586

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

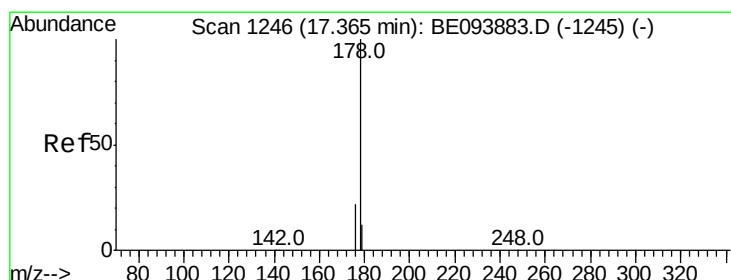
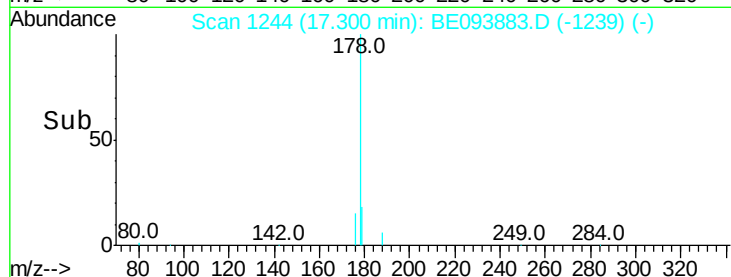
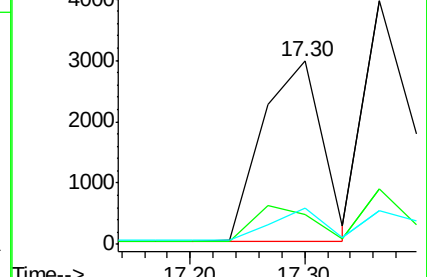
179 15.6 12.6 18.8



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: 0.314 ng

RT: 17.37 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

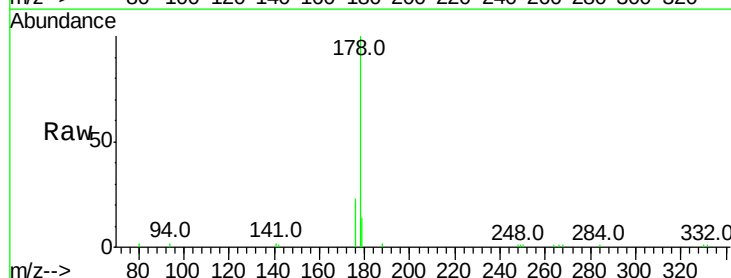
Tgt Ion:178 Resp: 10486

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

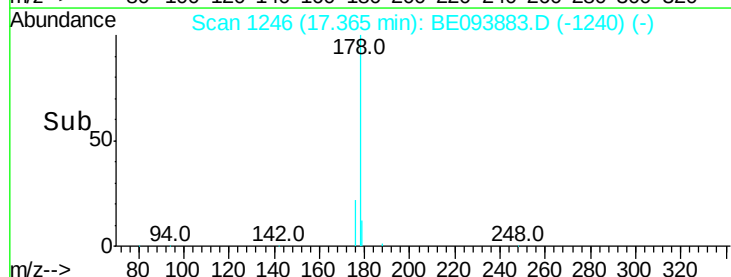
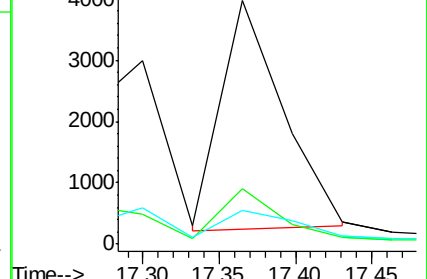
179 0.0 0.0 0.0

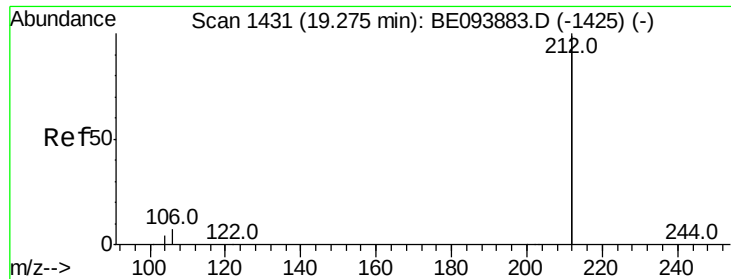


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

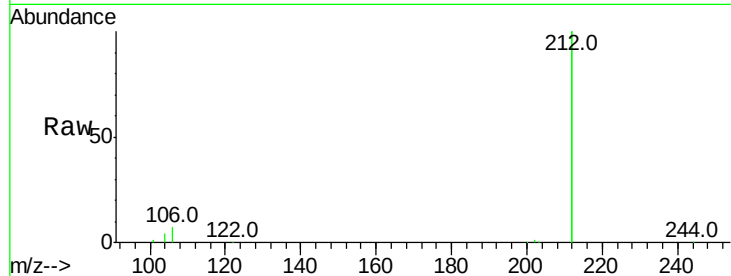
Tot Ion:212 Resp: 51619

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

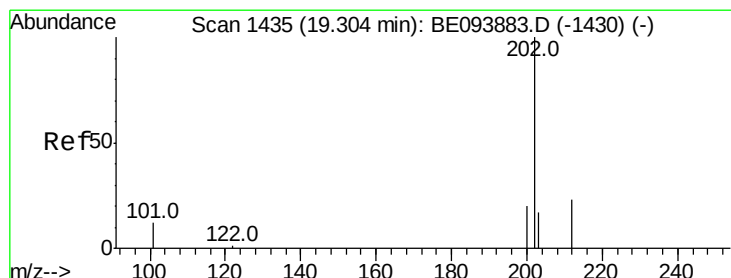
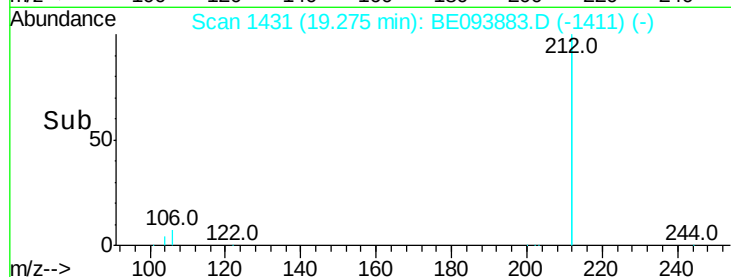
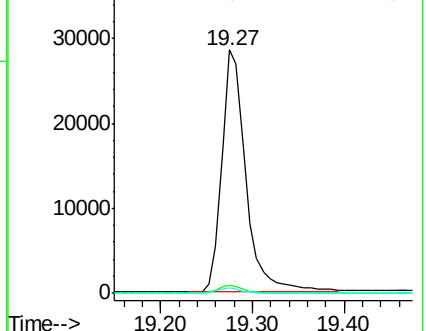
104 2.0 1.6 2.4



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: 0.414 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

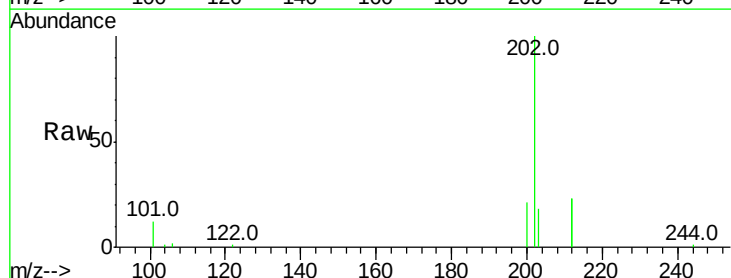
Tgt Ion:202 Resp: 15470

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

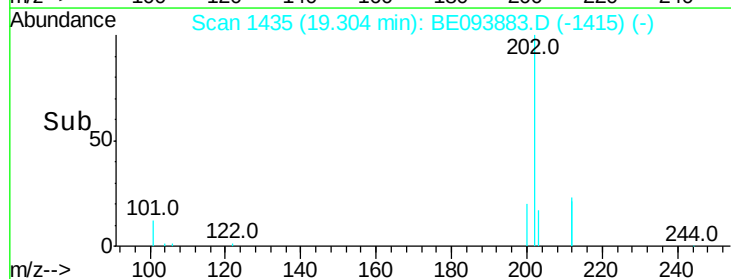
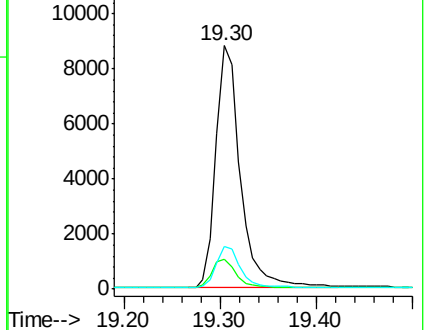
203 17.1 13.7 20.5

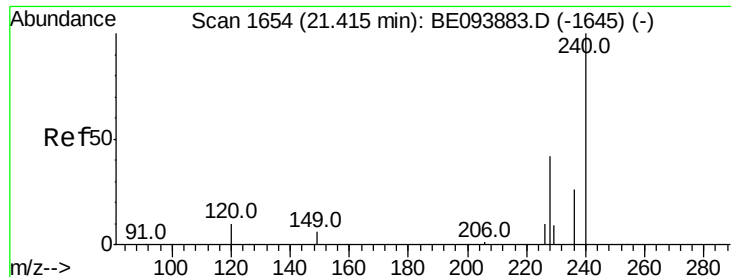


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

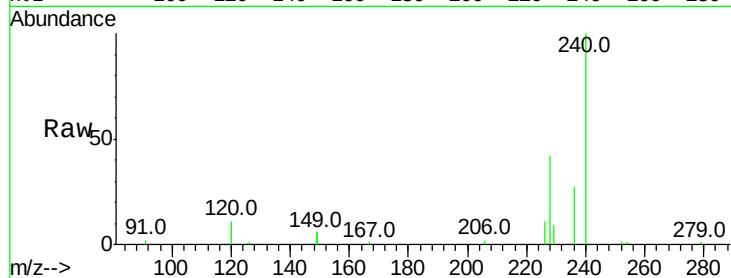
Tot Ion:240 Resp: 12607

Ion Ratio Lower Upper

240 100

120 10.9 8.7 13.1

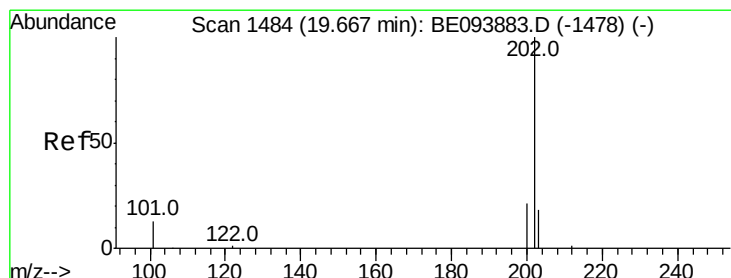
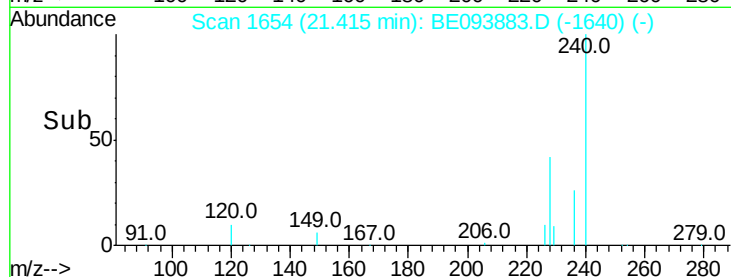
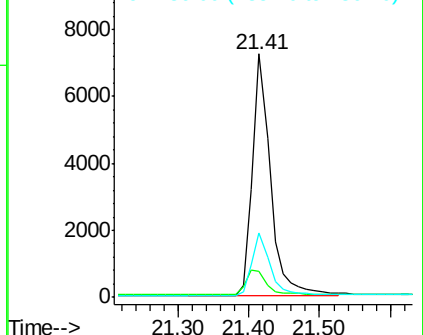
236 26.6 21.3 31.9



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: 0.388 ng

RT: 19.67 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

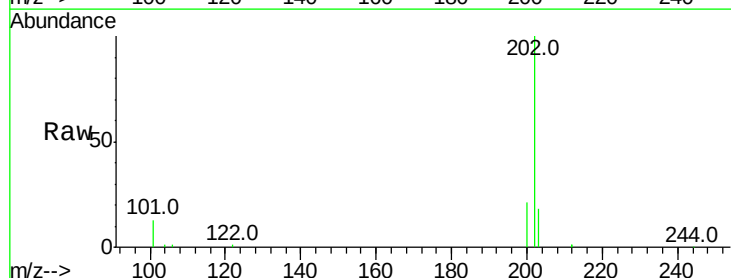
Tgt Ion:202 Resp: 16025

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

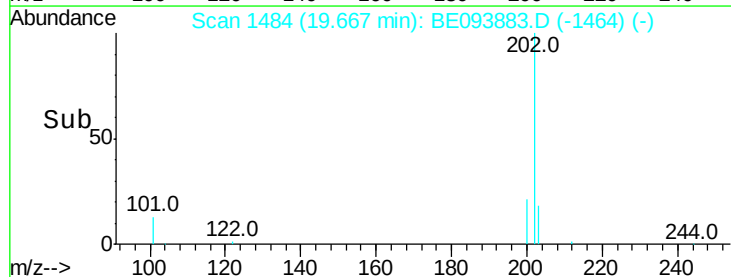
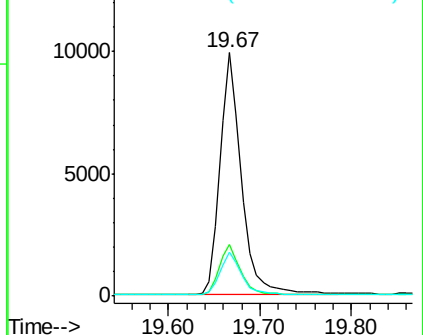
203 17.8 14.2 21.4

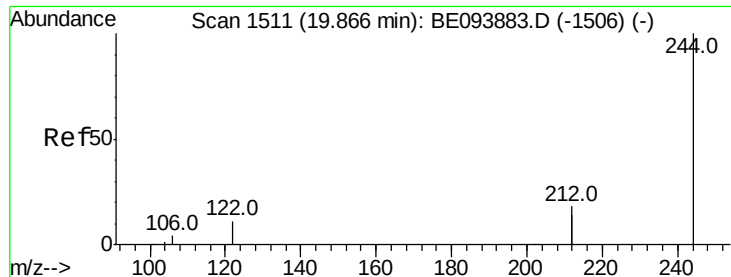


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

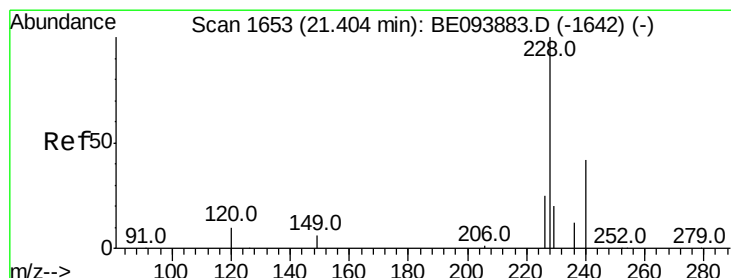
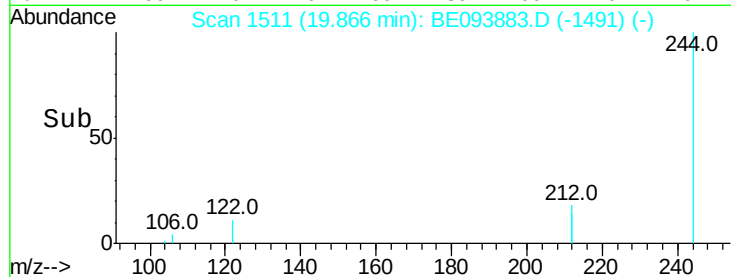
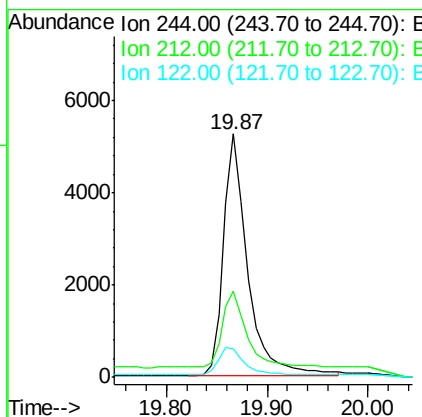
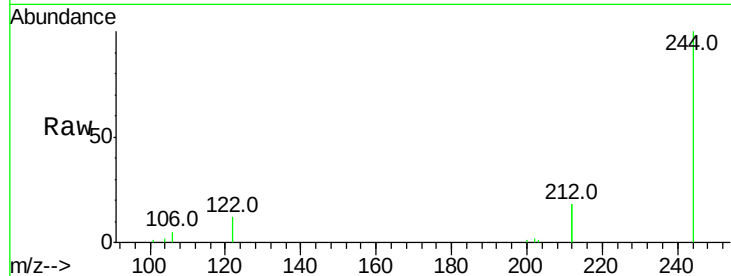




#29
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.87 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BE093883.D
 Acq: 26 Aug 2017 10:21

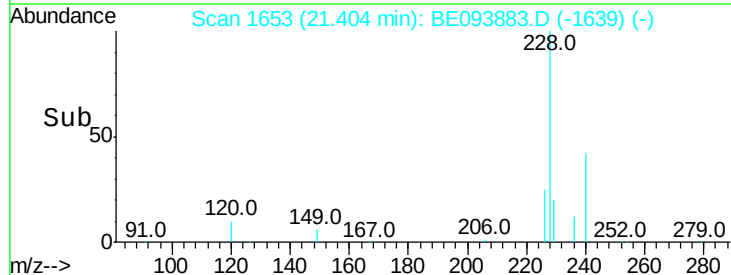
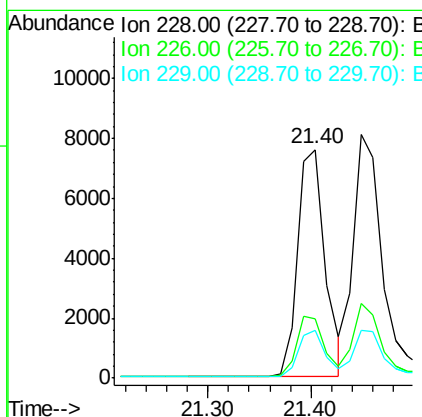
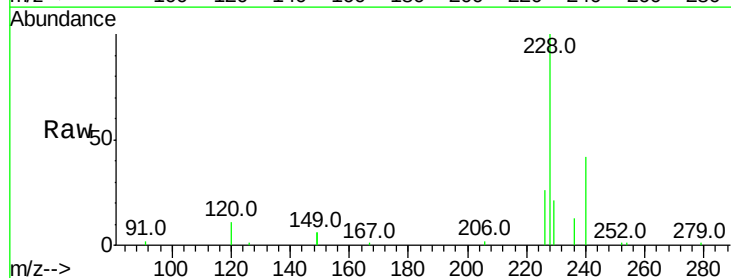
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

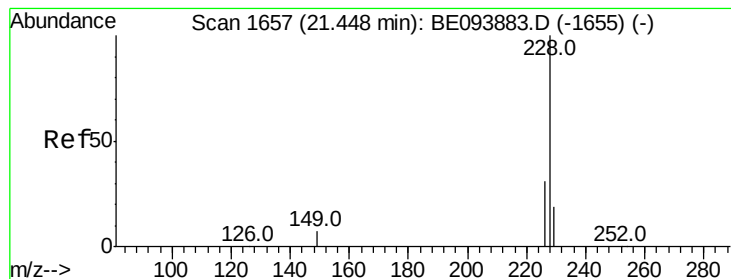
Tot Ion:244 Resp: 8659
 Ion Ratio Lower Upper
 244 100
 212 35.4 28.3 42.5
 122 11.7 9.4 14.0



#30
 Benzo(a)anthracene
 Concen: 0.353 ng
 RT: 21.40 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BE093883.D
 Acq: 26 Aug 2017 10:21

Tgt Ion:228 Resp: 13880
 Ion Ratio Lower Upper
 228 100
 226 26.0 20.8 31.2
 229 20.8 16.6 25.0





#31

Chrysene

Concen: 0.389 ng

RT: 21.45 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

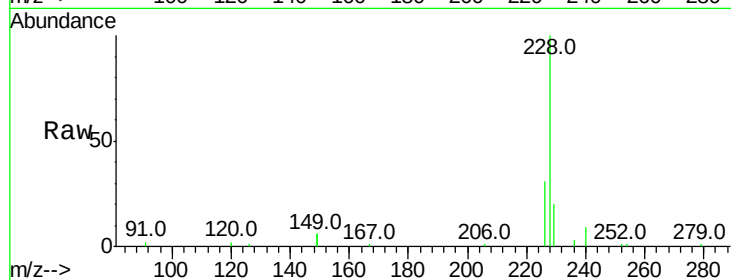
Tot Ion:228 Resp: 15873

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

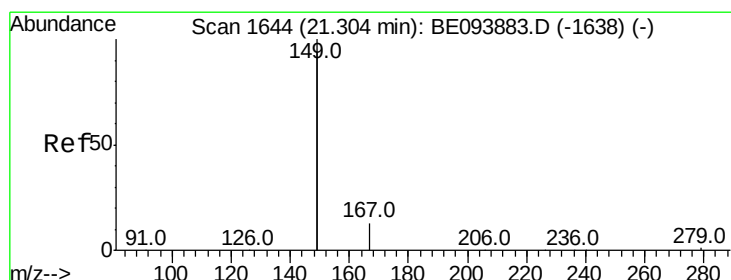
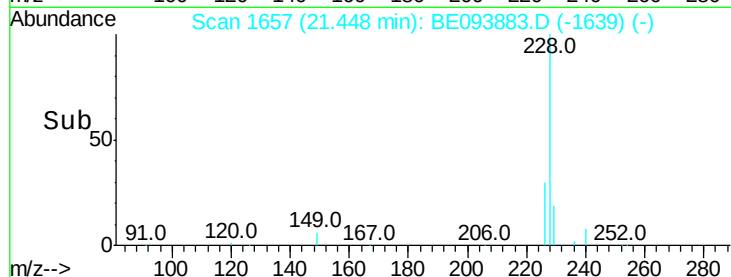
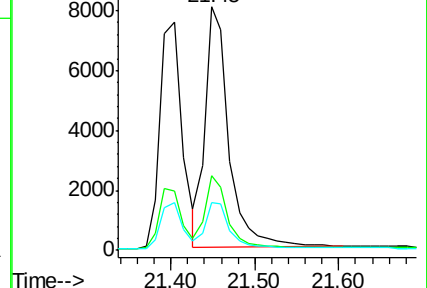
229 19.8 15.8 23.8



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: 0.339 ng

RT: 21.30 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

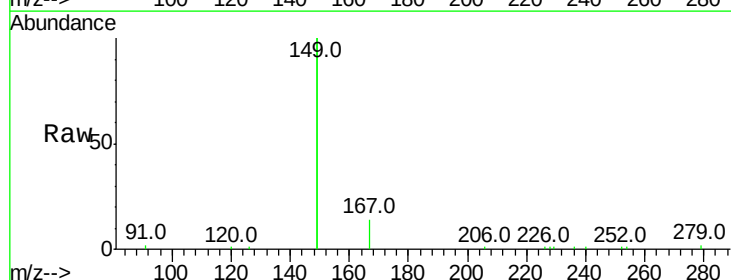
Tgt Ion:149 Resp: 28236

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

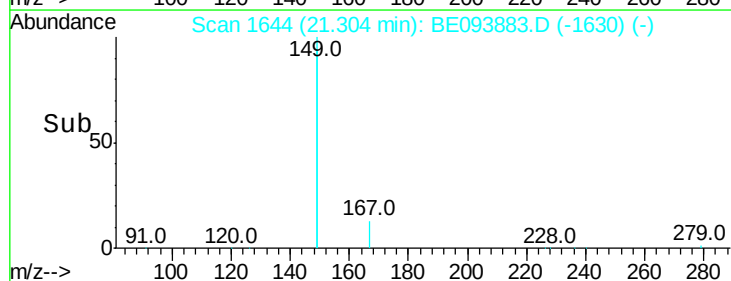
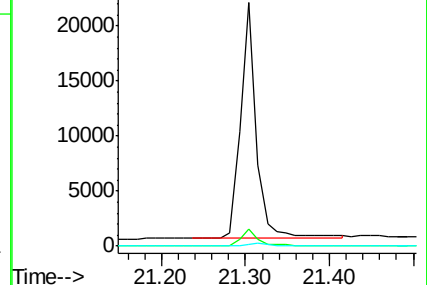
279 0.9 0.7 1.1

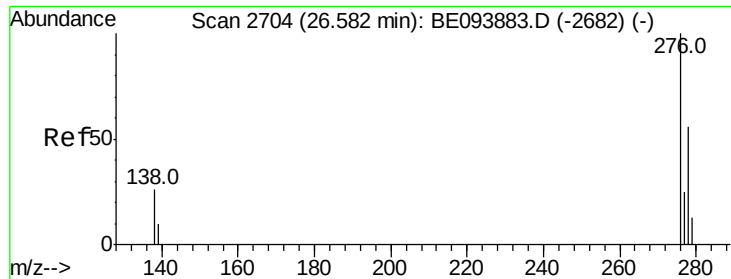


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

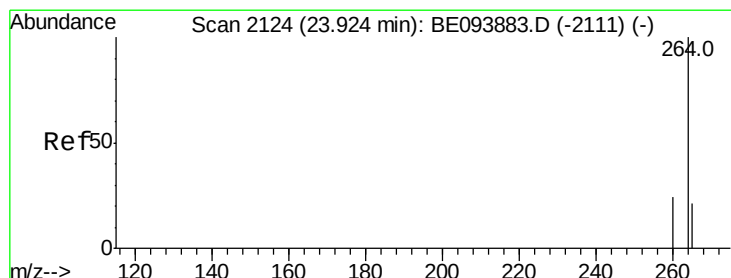
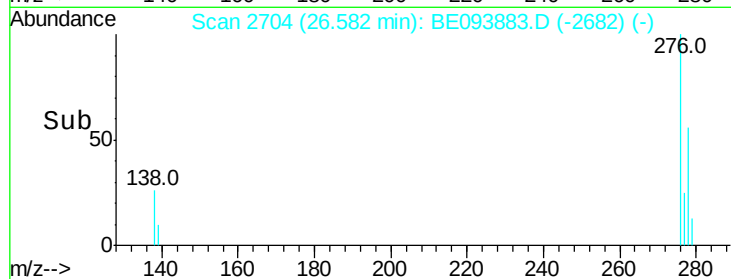
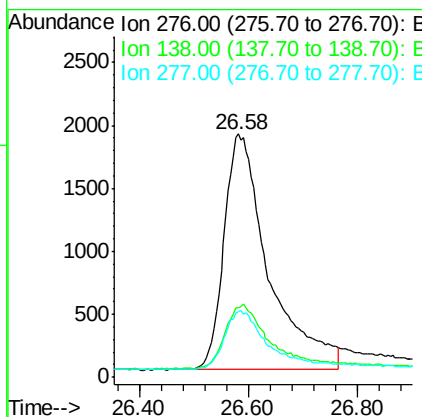
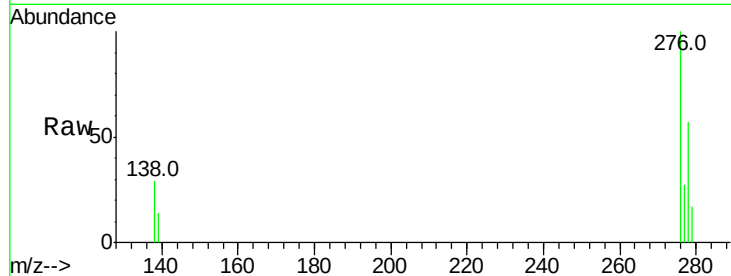




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.285 ng
 RT: 26.58 min Scan# 2704
 Delta R.T. 0.00 min
 Lab File: BE093883.D
 Acq: 26 Aug 2017 10:21

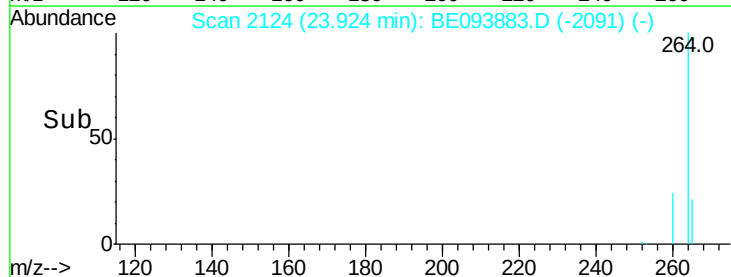
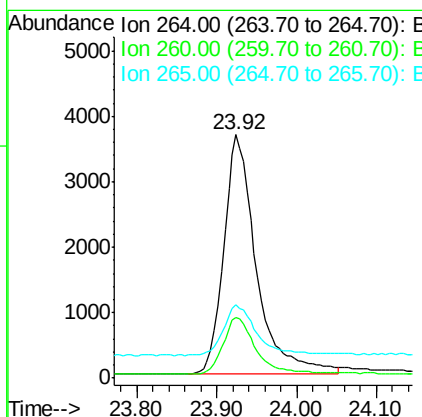
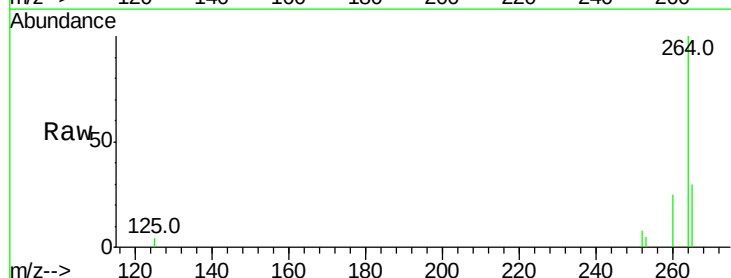
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

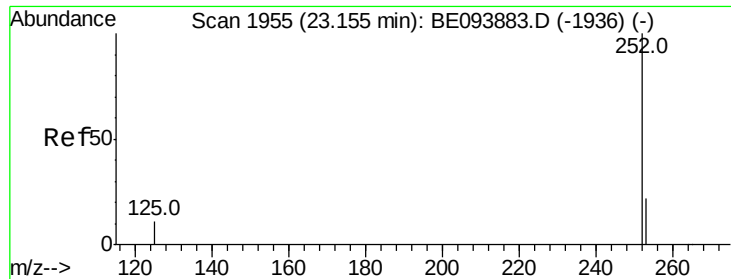
Tot Ion:276 Resp: 10580
 Ion Ratio Lower Upper
 276 100
 138 27.7 22.2 33.2
 277 24.7 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BE093883.D
 Acq: 26 Aug 2017 10:21

Tgt Ion:264 Resp: 10350
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 30.0 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.345 ng

RT: 23.15 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

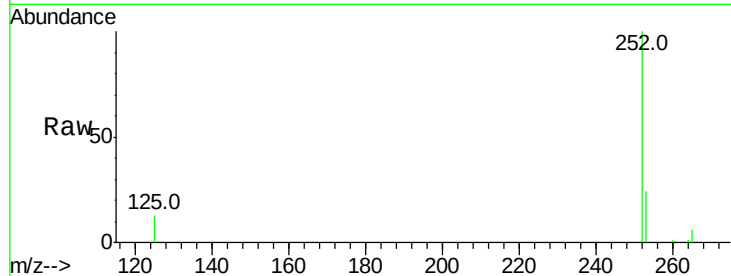
Tot Ion:252 Resp: 12020

Ion Ratio Lower Upper

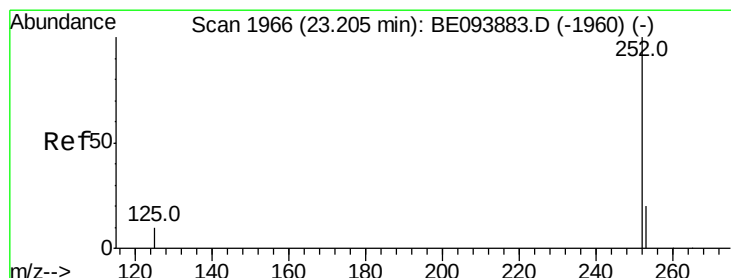
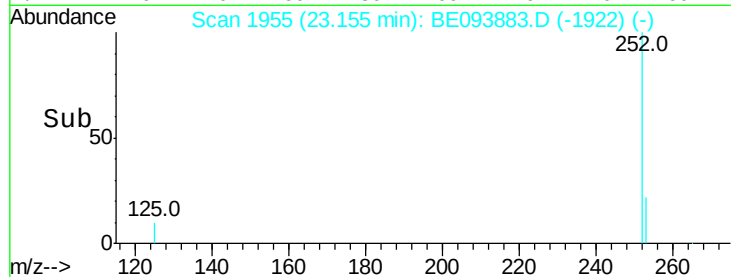
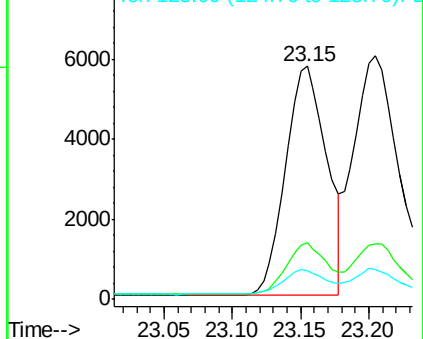
252 100

253 24.2 19.4 29.0

125 12.5 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: 0.402 ng

RT: 23.20 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

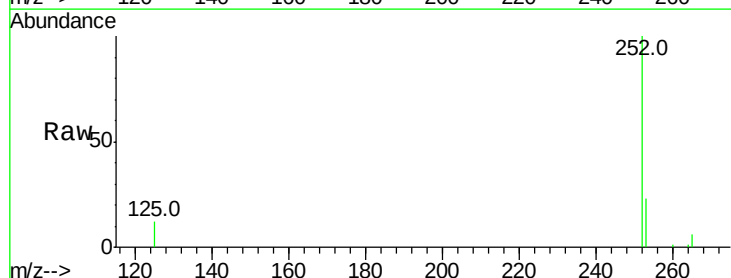
Tgt Ion:252 Resp: 14748

Ion Ratio Lower Upper

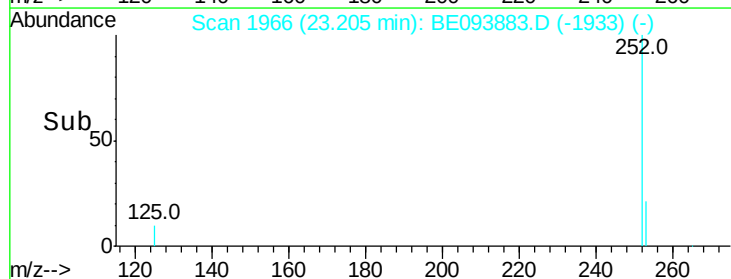
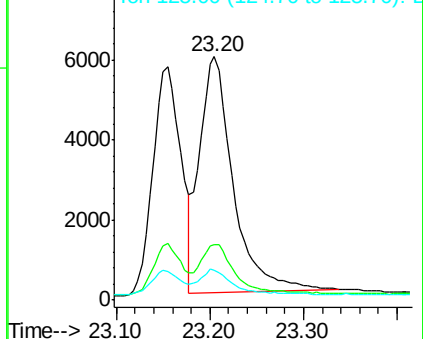
252 100

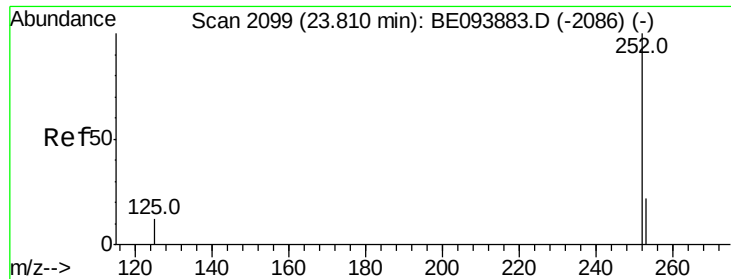
253 22.6 18.1 27.1

125 12.2 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: 0.369 ng

RT: 23.81 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

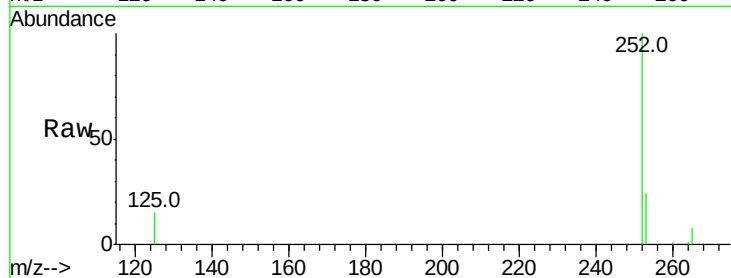
Tot Ion:252 Resp: 12286

Ion Ratio Lower Upper

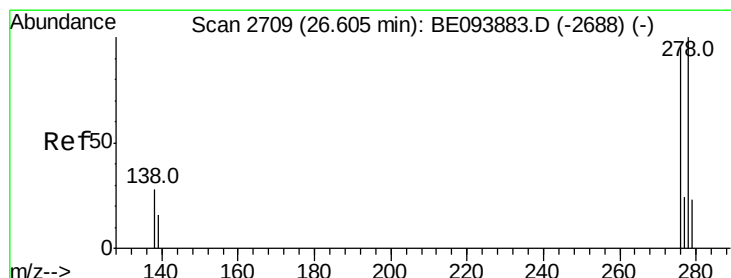
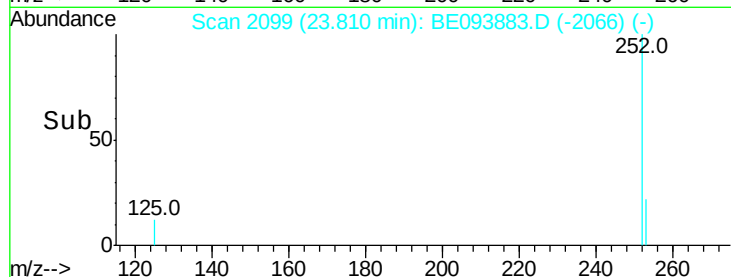
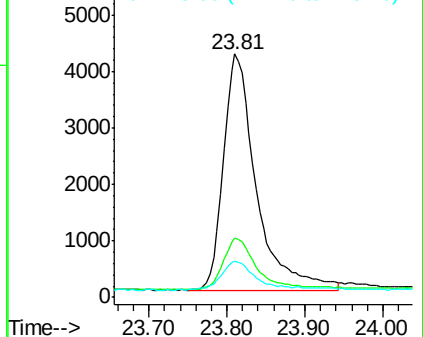
252 100

253 24.5 19.6 29.4

125 14.8 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.293 ng

RT: 26.60 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

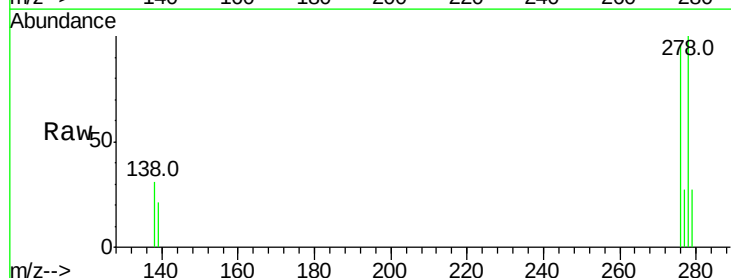
Tgt Ion:278 Resp: 8817

Ion Ratio Lower Upper

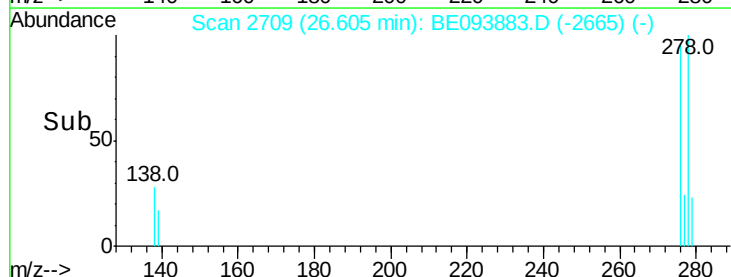
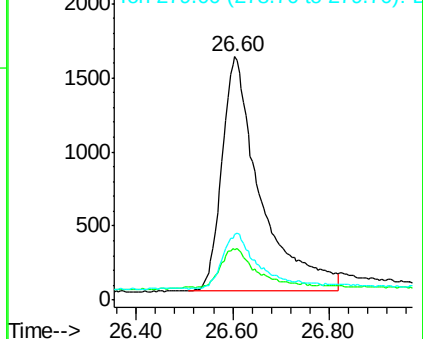
278 100

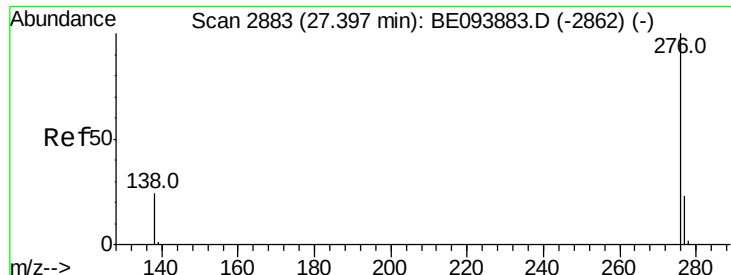
139 20.9 16.7 25.1

279 27.0 21.6 32.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.308 ng

RT: 27.40 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BE093883.D

Acq: 26 Aug 2017 10:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

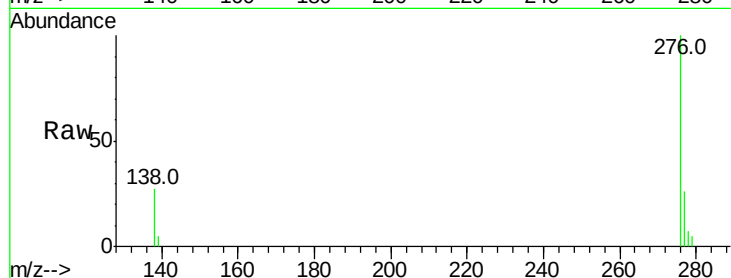
Tot Ion:276 Resp: 9405

Ion Ratio Lower Upper

276 100

277 25.7 20.6 30.8

138 27.4 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

