

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
 Data File : BE093885.D
 Acq On : 26 Aug 2017 11:36
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 28 02:07:08 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	1886	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9779	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5349	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	14004	0.40	ng	0.00
27) Chrysene-d12	21.42	240	12738	0.40	ng	0.00
34) Perylene-d12	23.92	264	10576	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	9694	1.60	ng	0.00
5) Phenol-d6	7.09	99	14915	1.62	ng	0.00
8) Nitrobenzene-d5	9.06	82	13610	1.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	25163	1.61	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	2425	1.68	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	34231	1.63	ng	-0.01
25) Fluoranthene-d10	19.27	212	227868	1.43	ng	0.00
29) Terphenyl-d14	19.86	244	37701	1.66	ng	0.00

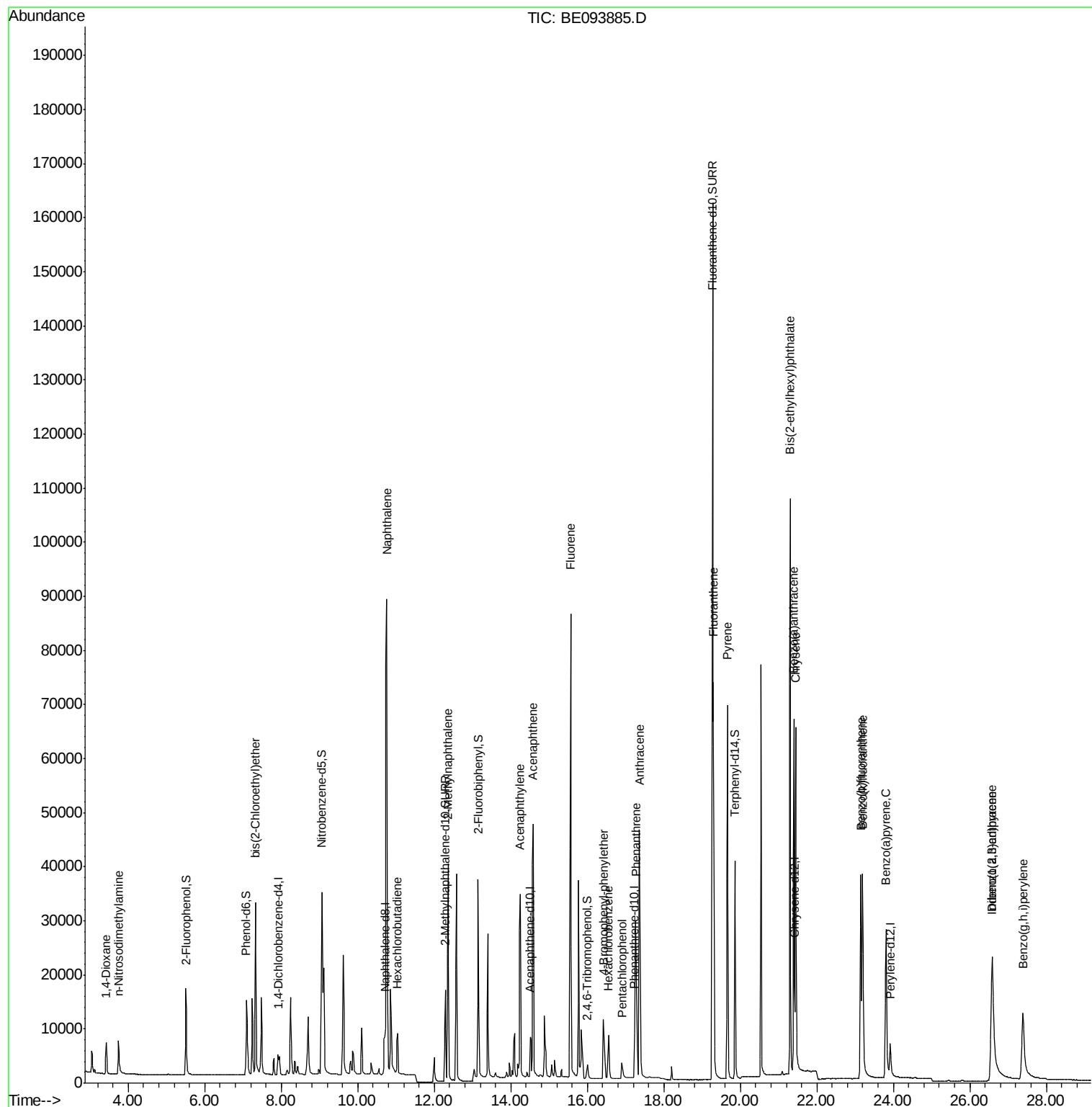
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	3682	1.315	ng	92
3) n-Nitrosodimethylamine	3.74	42	5123	1.771	ng	# 95
6) bis(2-Chloroethyl)ether	7.33	93	11536	1.613	ng	98
9) Naphthalene	10.76	128	176730	1.579	ng	99
10) Hexachlorobutadiene	11.04	225	6355	1.546	ng	99
12) 2-Methylnaphthalene	12.36	142	30151	1.603	ng	100
16) Acenaphthylene	14.24	152	45245	1.696	ng	100
17) Acenaphthene	14.59	154	29568	1.647	ng	98
18) Fluorene	15.56	166	37649	1.620	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	6877	1.606	ng	# 1
21) Hexachlorobenzene	16.55	284	6212	1.421	ng	# 100
22) Pentachlorophenol	16.91	266	3661	1.332	ng	# 90
23) Phenanthrene	17.27	178	49995	1.630	ng	# 63
24) Anthracene	17.37	178	70744	1.624	ng	# 98
26) Fluoranthene	19.30	202	68312	1.400	ng	99
28) Pyrene	19.66	202	69866	1.676	ng	100
30) Benzo(a)anthracene	21.39	228	62476	1.572	ng	98
31) Chrysene	21.45	228	68454	1.661	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	128188	1.525	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	46981	1.252	ng	99
35) Benzo(b)fluoranthene	23.15	252	57718	1.619	ng	96
36) Benzo(k)fluoranthene	23.20	252	60492	1.615	ng	99
37) Benzo(a)pyrene	23.81	252	54175	1.590	ng	95
38) Dibenzo(a,h)anthracene	26.59	278	40323	1.310	ng	94
39) Benzo(g,h,i)perylene	27.39	276	41672	1.337	ng	96

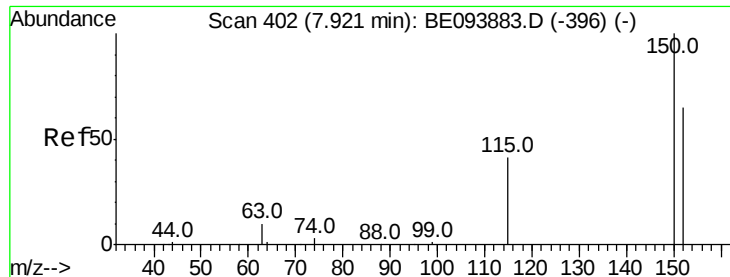
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

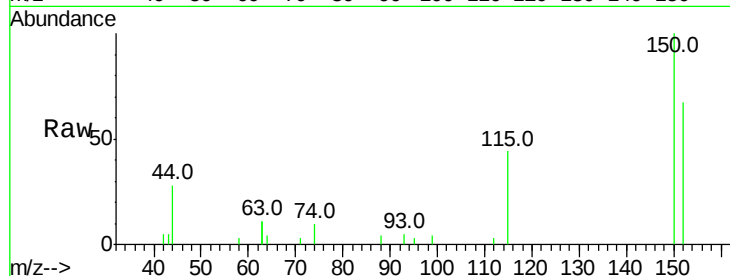
Tot Ion:152 Resp: 1886

Ion Ratio Lower Upper

152 100

150 150.3 121.8 182.6

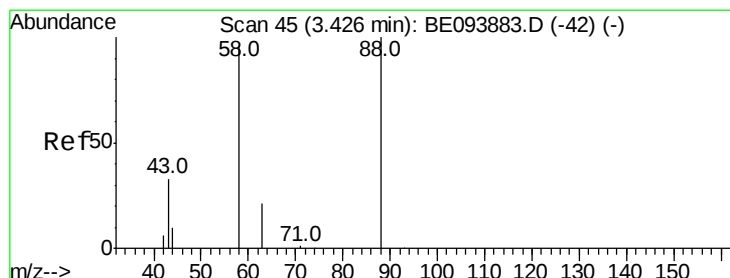
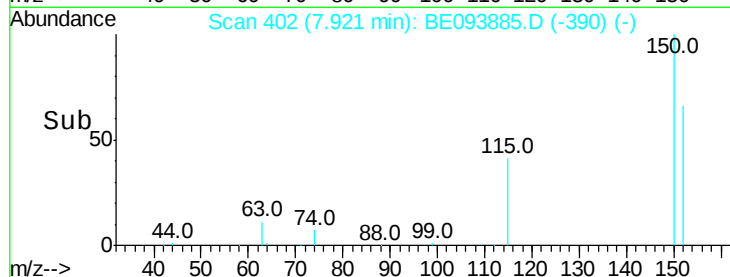
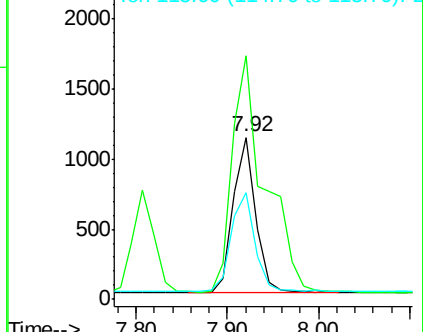
115 65.5 52.6 79.0



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: 1.315 ng

RT: 3.43 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

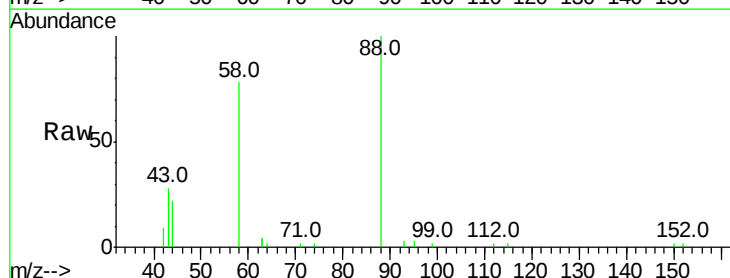
Tgt Ion: 88 Resp: 3682

Ion Ratio Lower Upper

88 100

58 90.7 65.4 98.0

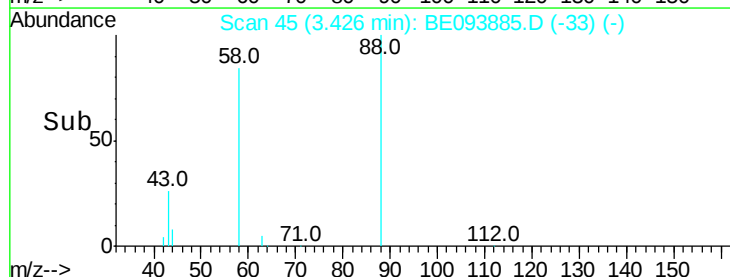
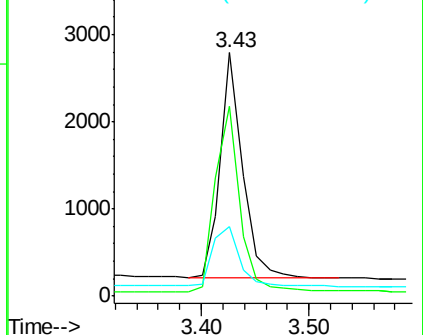
43 32.0 23.9 35.9

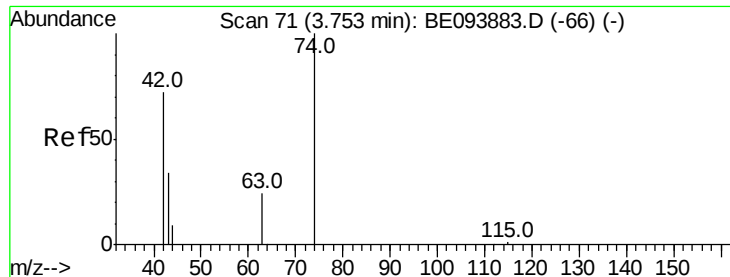


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.771 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

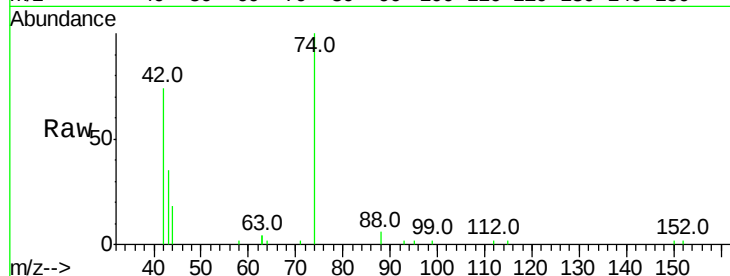
Tot Ion: 42 Resp: 5123

Ion Ratio Lower Upper

42 100

74 127.2 104.0 156.0

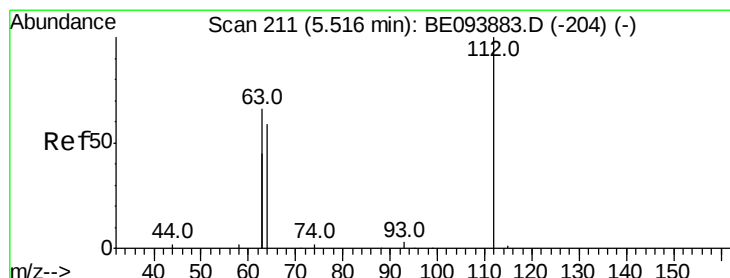
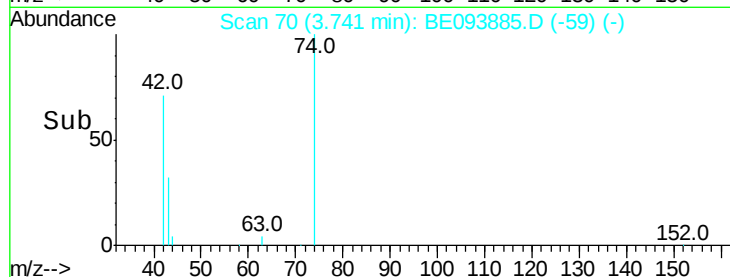
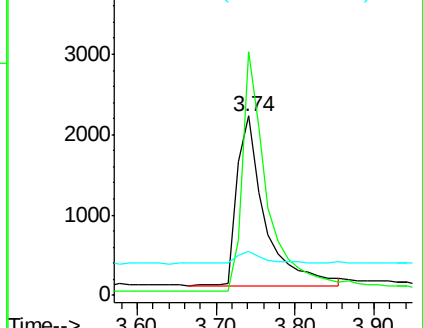
44 7.5 13.8 20.8#



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



#4

2-Fluorophenol

Concen: 1.602 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

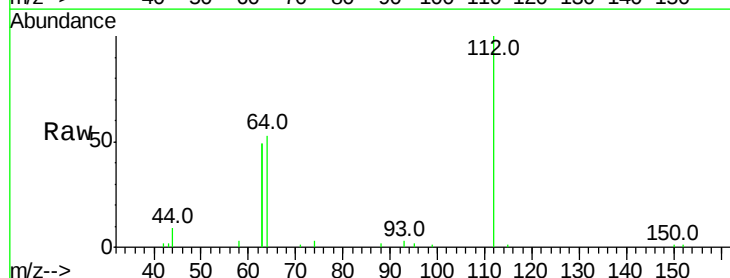
Tgt Ion: 112 Resp: 9694

Ion Ratio Lower Upper

112 100

64 71.7 57.7 86.5

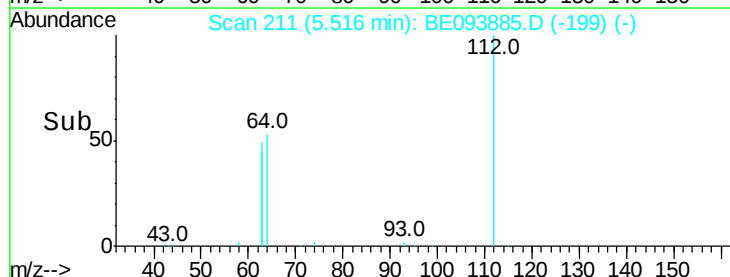
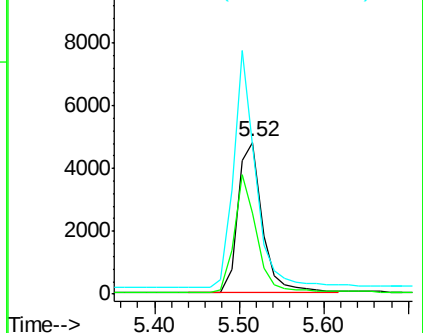
63 141.1 116.0 174.0

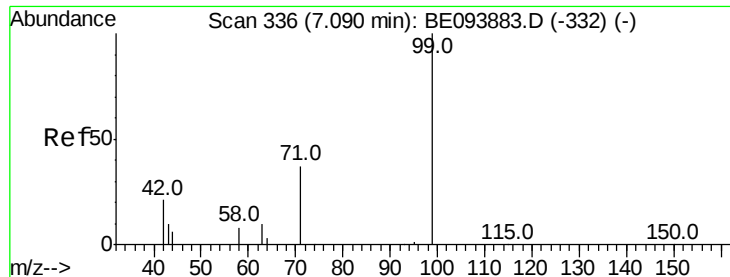


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.617 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

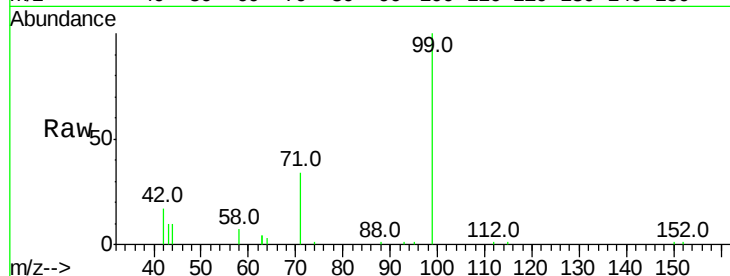
Tot Ion: 99 Resp: 14915

Ion Ratio Lower Upper

99 100

42 20.3 17.1 25.7

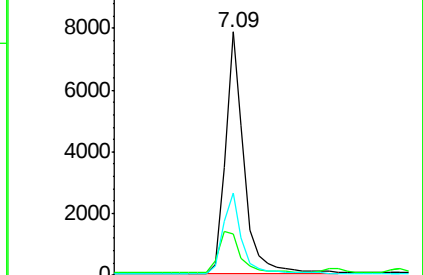
71 33.5 26.6 39.8



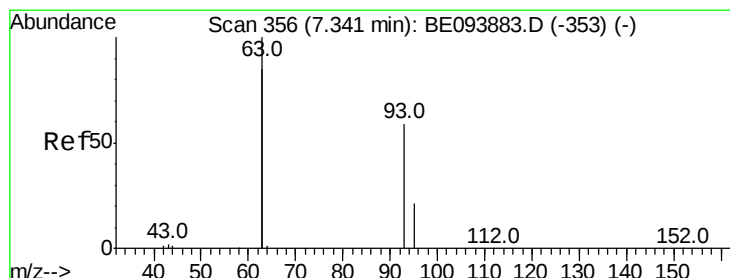
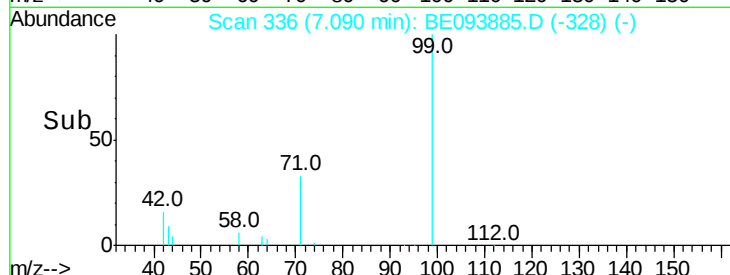
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 1.613 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

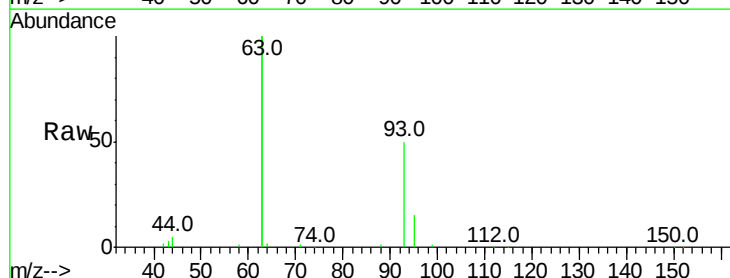
Tgt Ion: 93 Resp: 11536

Ion Ratio Lower Upper

93 100

63 350.5 283.4 425.2

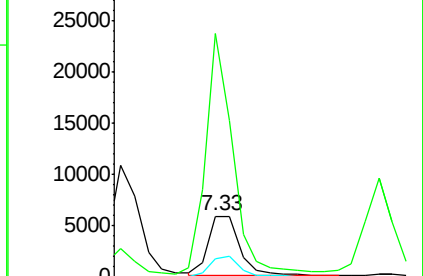
95 32.3 26.9 40.3



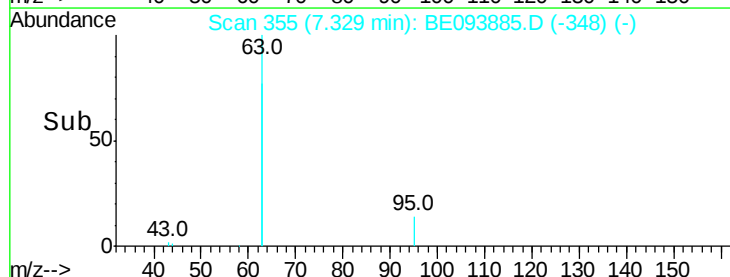
Abundance Ion 93.00 (92.70 to 93.70): BE0

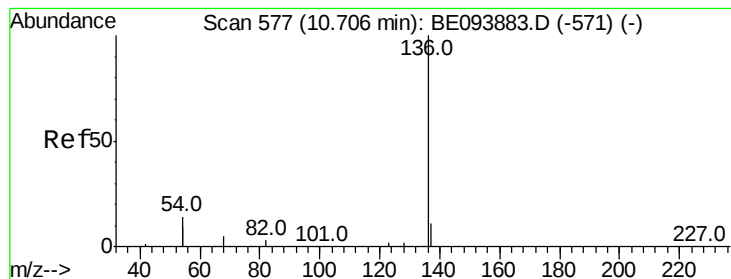
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 9779

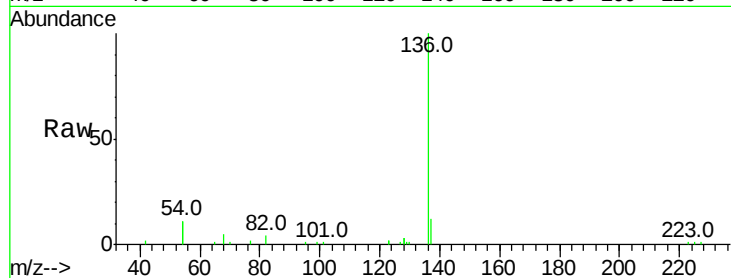
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 22.8 21.9 32.9

68 4.9 4.6 7.0

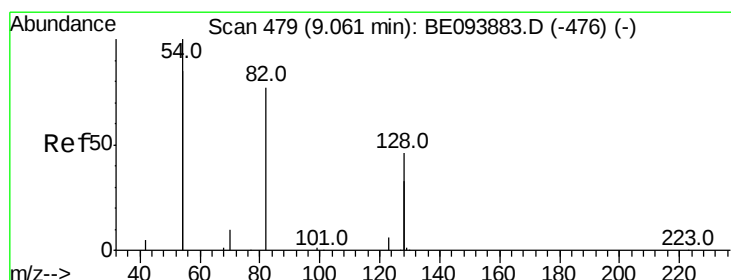
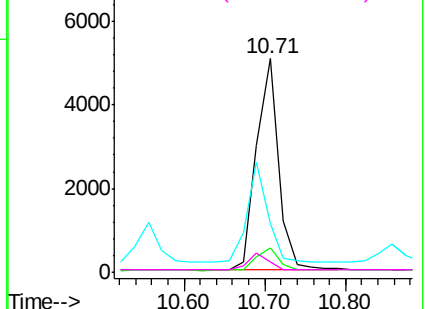
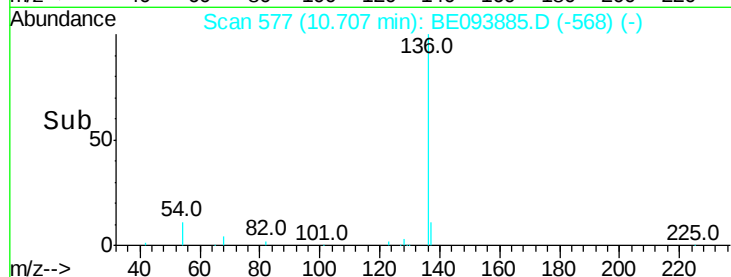


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.632 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

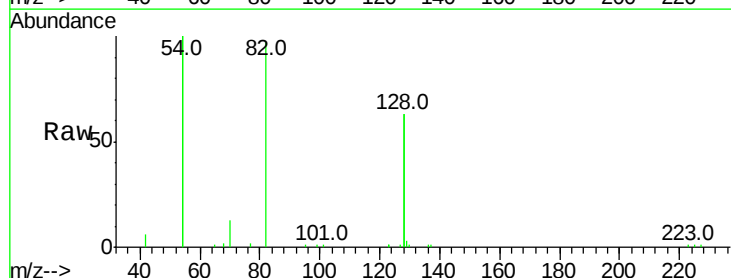
Tgt Ion: 82 Resp: 13610

Ion Ratio Lower Upper

82 100

128 129.2 91.4 137.0

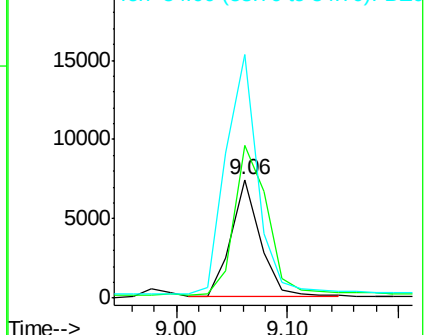
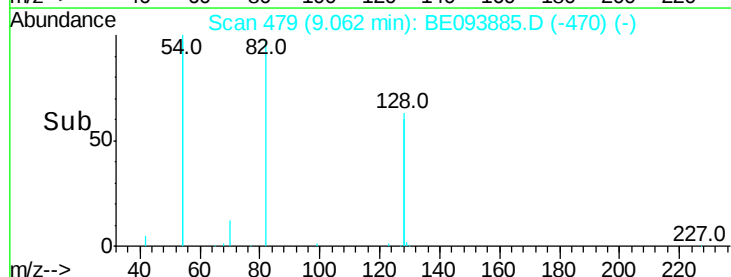
54 205.2 197.8 296.8

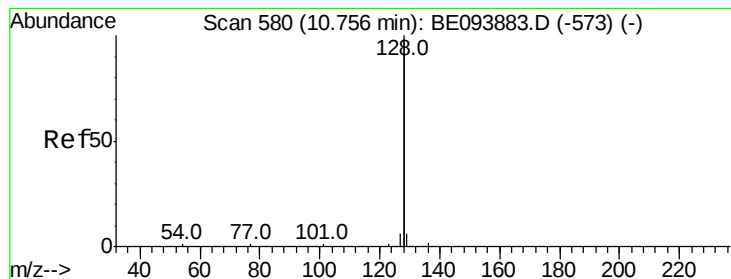


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.579 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

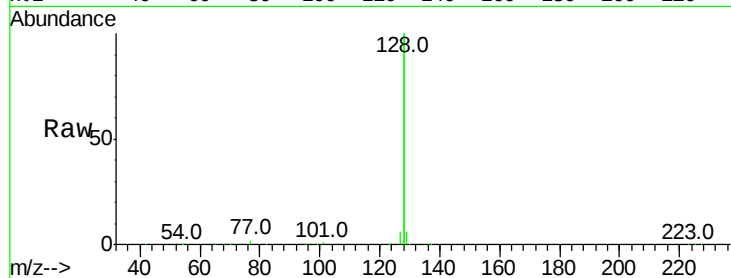
Tot Ion:128 Resp: 176730

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

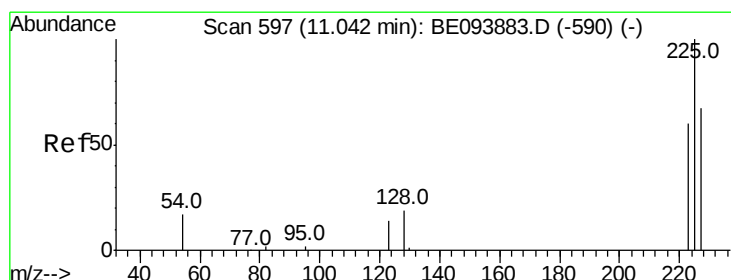
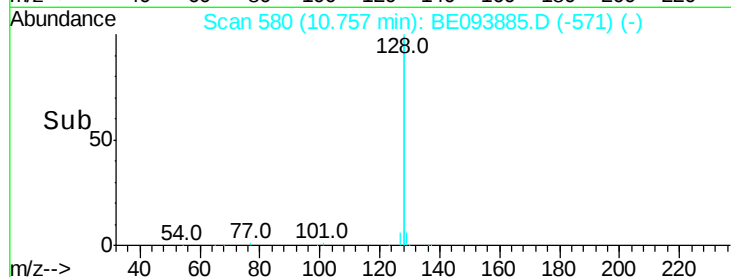
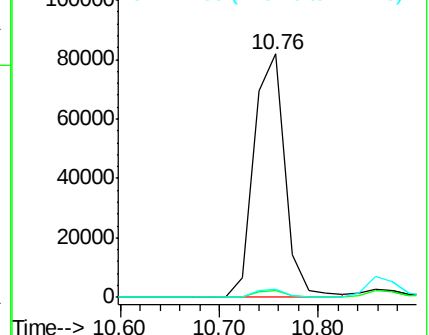
127 3.1 2.6 4.0



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: 1.546 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

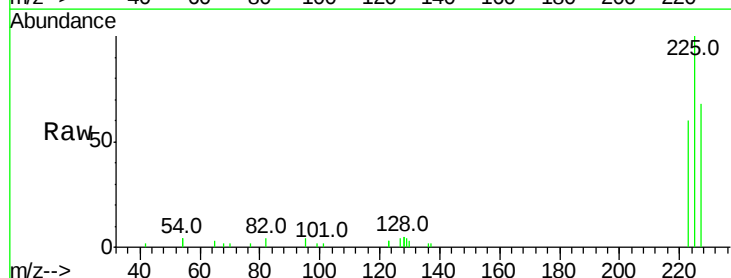
Tgt Ion:225 Resp: 6355

Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.0

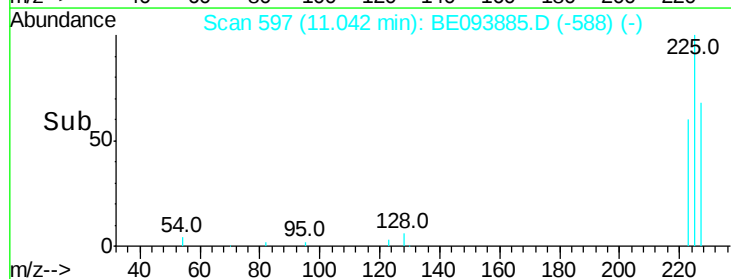
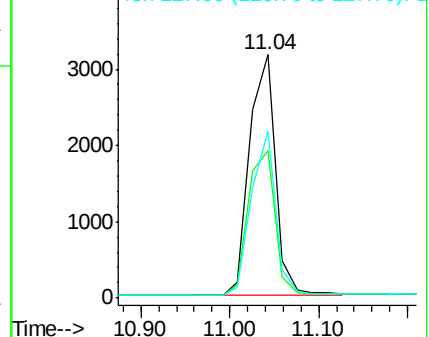
227 63.9 50.5 75.7

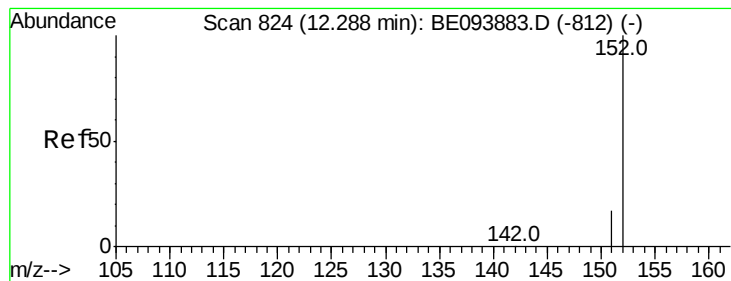


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.608 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

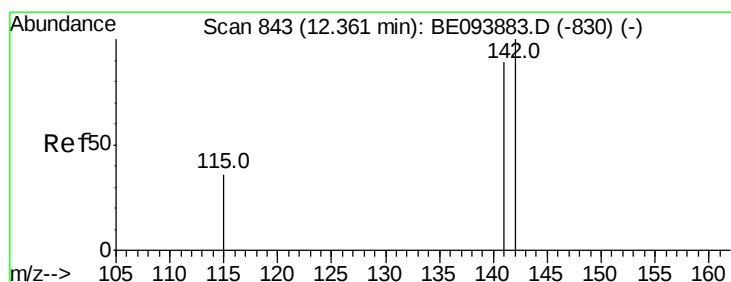
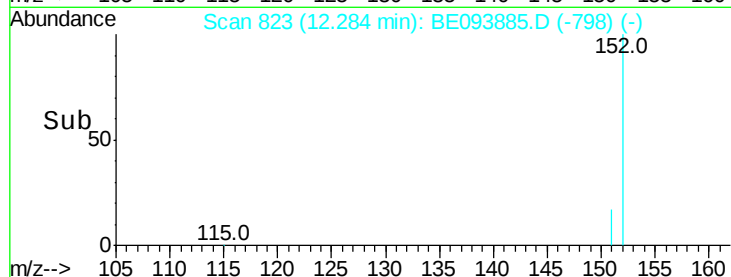
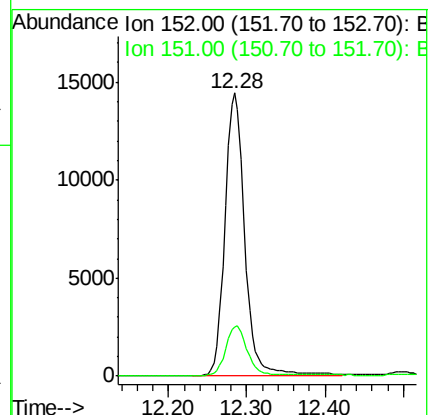
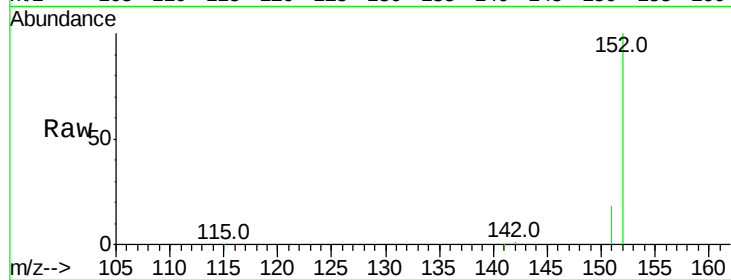
SSTDICC1.6

Tot Ion:152 Resp: 25163

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 1.603 ng

RT: 12.36 min Scan# 842

Delta R.T. -0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

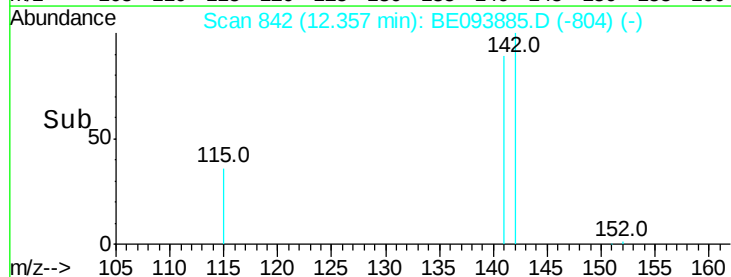
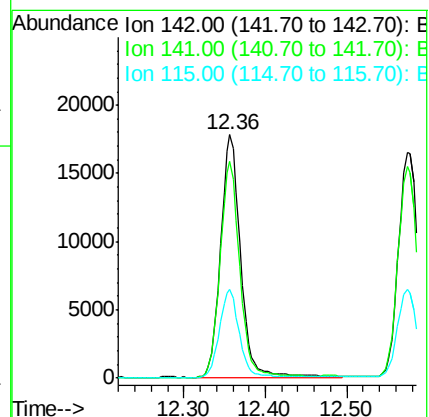
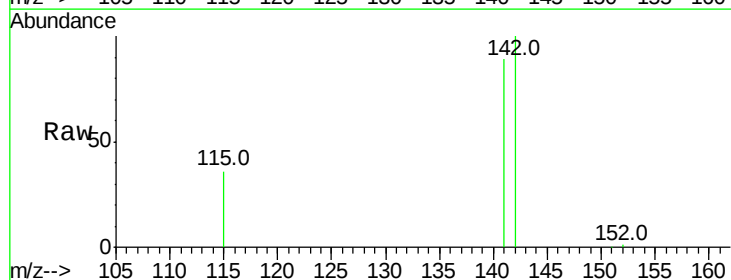
Tgt Ion:142 Resp: 30151

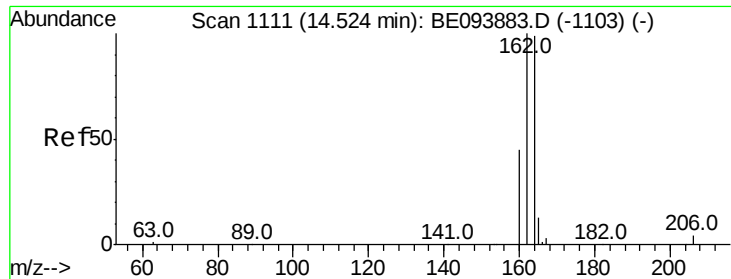
Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

115 36.2 29.4 44.0

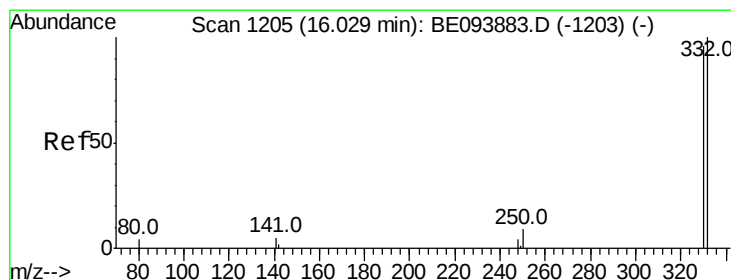
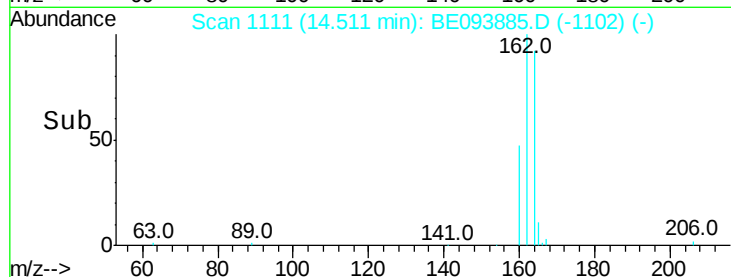
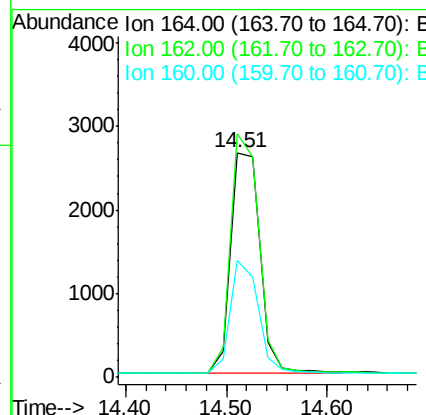
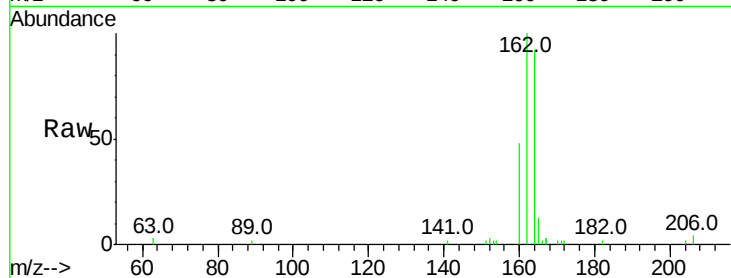




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BE093885.D
 Acq: 26 Aug 2017 11:36

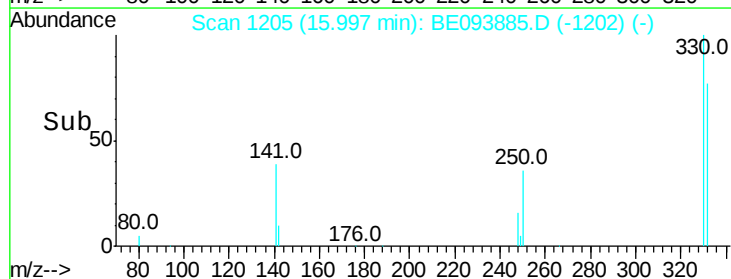
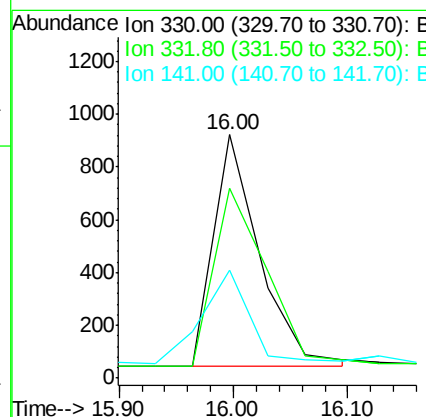
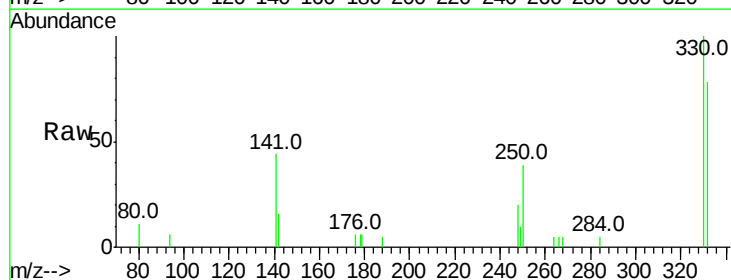
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

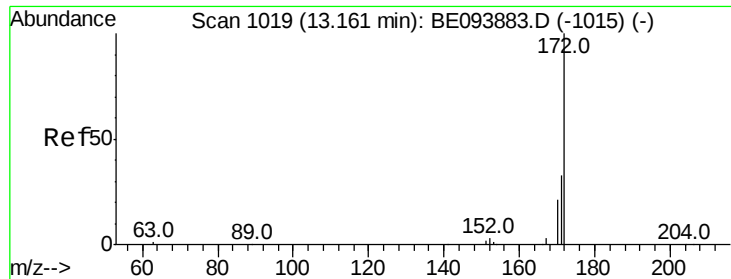
Tot Ion:164 Resp: 5349
 Ion Ratio Lower Upper
 164 100
 162 108.4 80.8 121.2
 160 51.9 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 1.683 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE093885.D
 Acq: 26 Aug 2017 11:36

Tgt Ion:330 Resp: 2425
 Ion Ratio Lower Upper
 330 100
 332 88.9 76.9 115.3
 141 41.9 0.0 0.0#

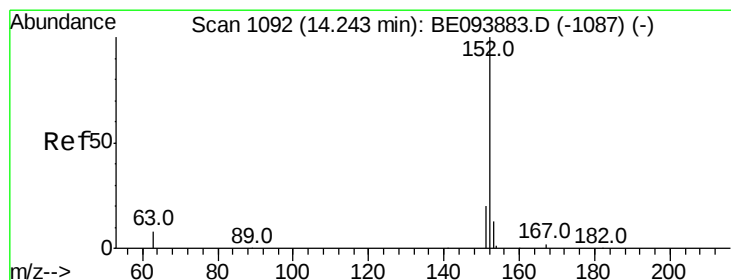
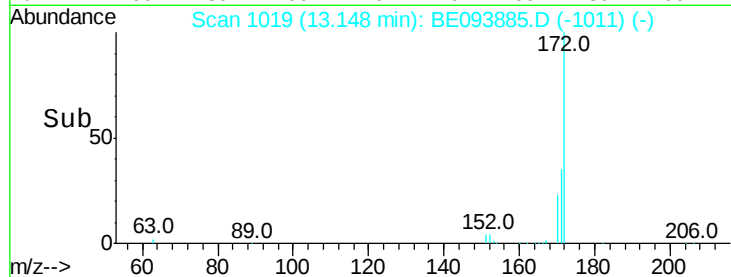
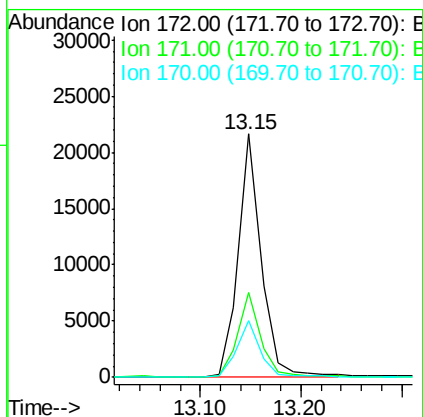
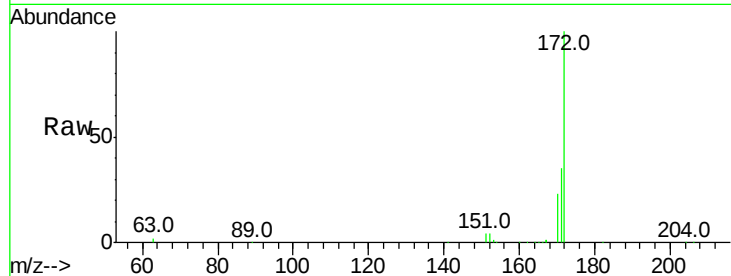




#15
2-Fluorobiphenyl
Concen: 1.631 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

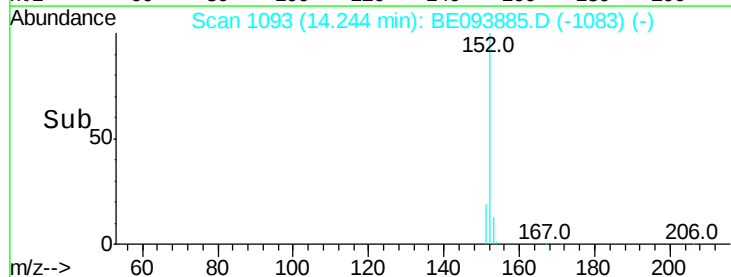
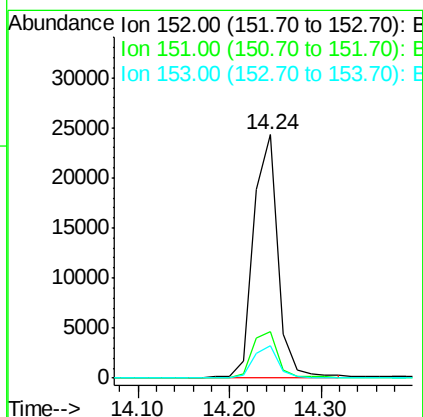
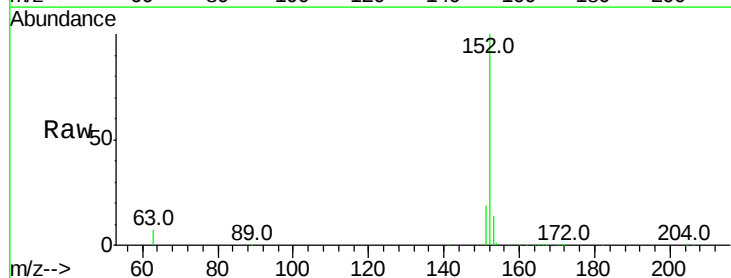
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

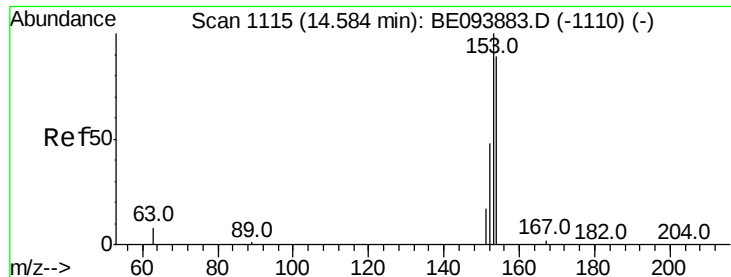
Tot Ion:172 Resp: 34231
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 23.5 17.3 25.9



#16
Acenaphthylene
Concen: 1.696 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:152 Resp: 45245
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 1.647 ng

RT: 14.59 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

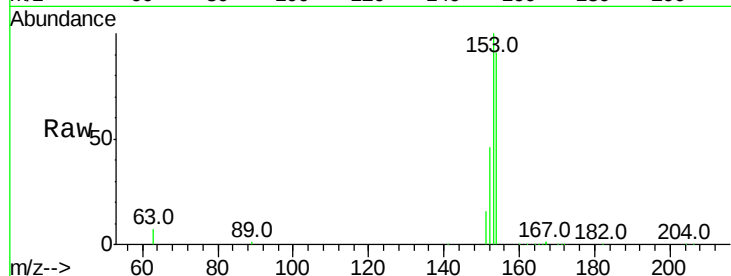
Tot Ion:154 Resp: 29568

Ion Ratio Lower Upper

154 100

153 112.7 91.8 137.6

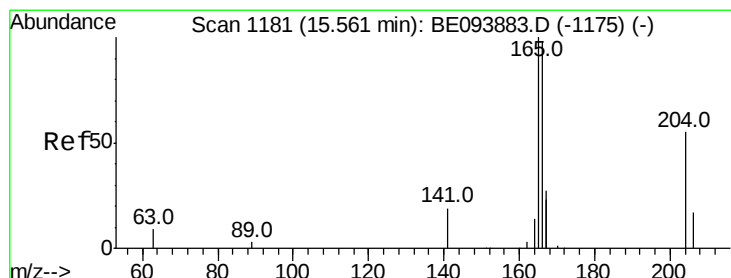
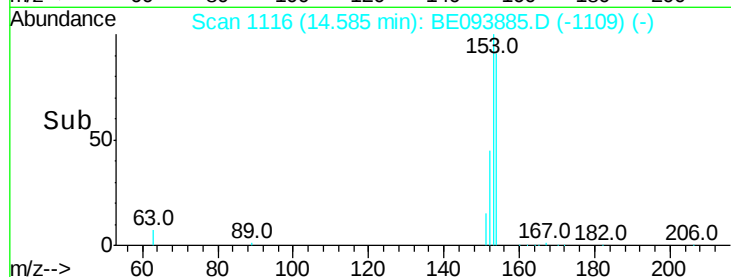
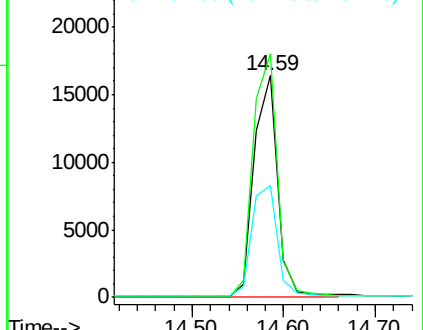
152 53.8 44.9 67.3



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: 1.620 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

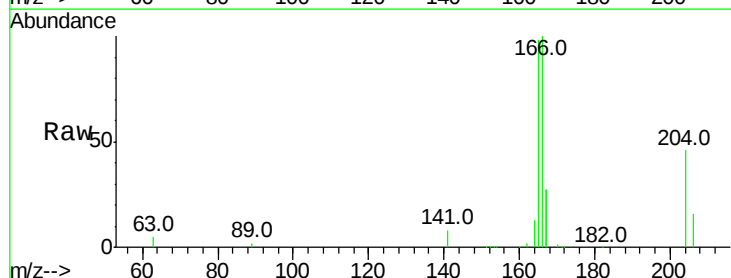
Tgt Ion:166 Resp: 37649

Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.0

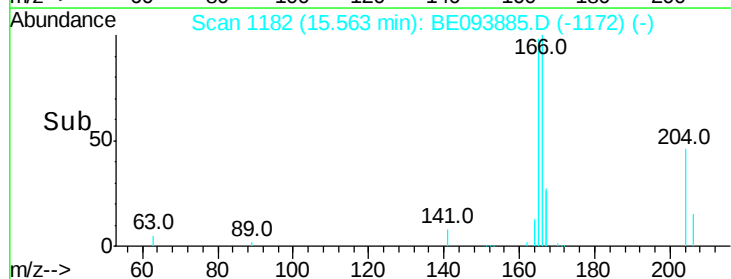
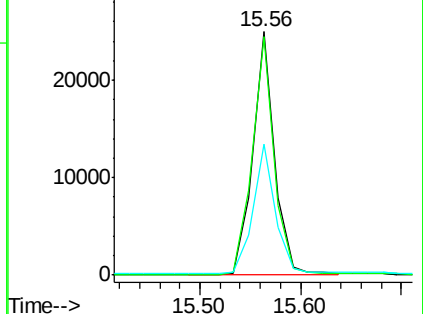
167 53.7 43.5 65.3

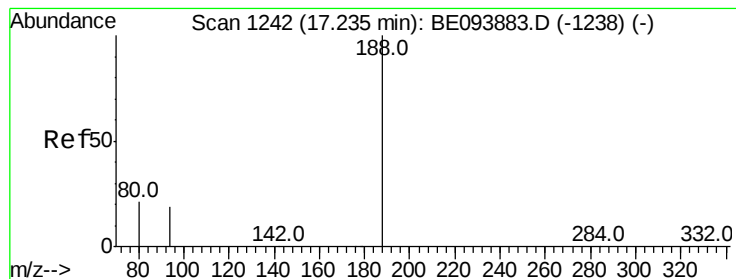


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

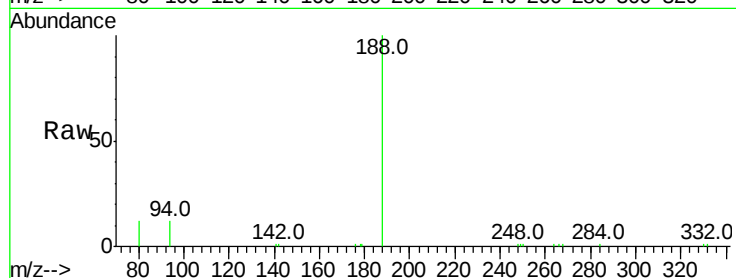
Tot Ion:188 Resp: 14004

Ion Ratio Lower Upper

188 100

94 11.7 16.1 24.1#

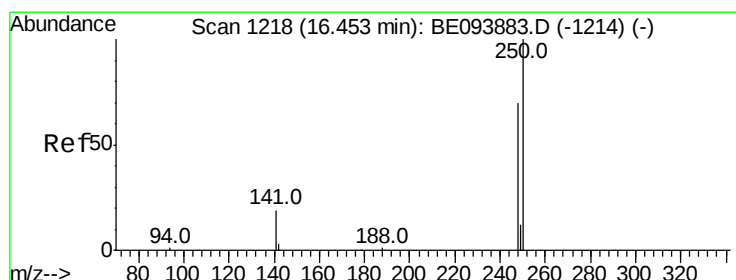
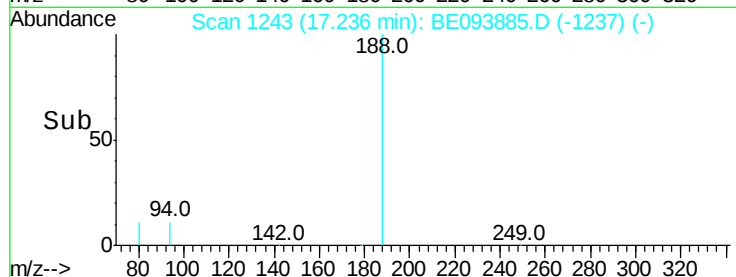
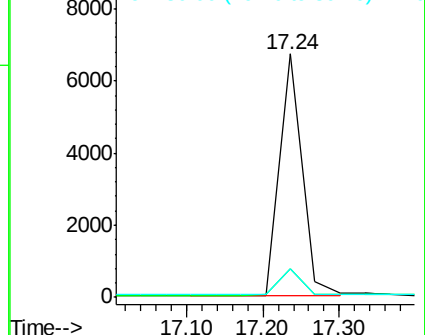
80 11.8 18.2 27.2#



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: 1.606 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

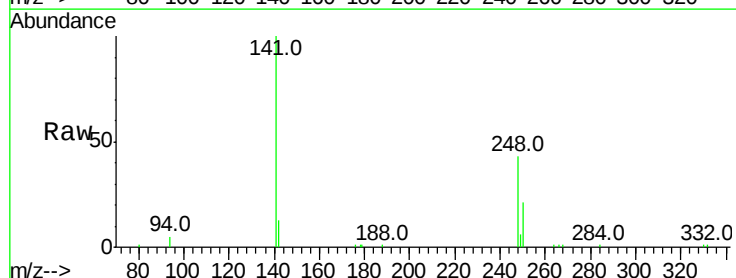
Tgt Ion:248 Resp: 6877

Ion Ratio Lower Upper

248 100

250 49.8 111.8 167.8#

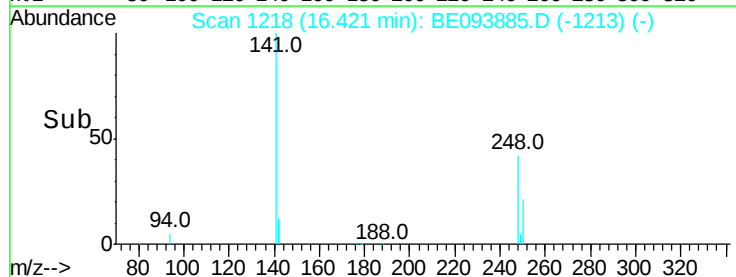
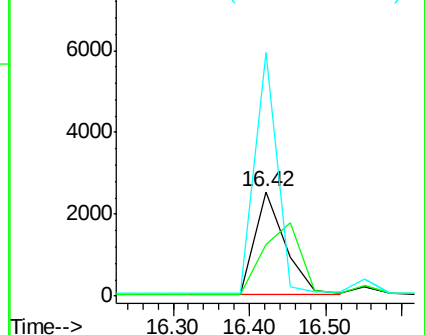
141 233.8 27.1 40.7#

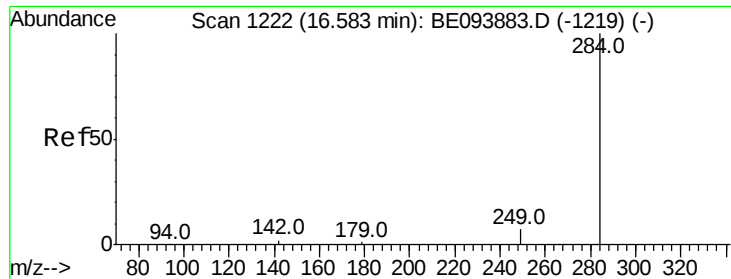


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.421 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

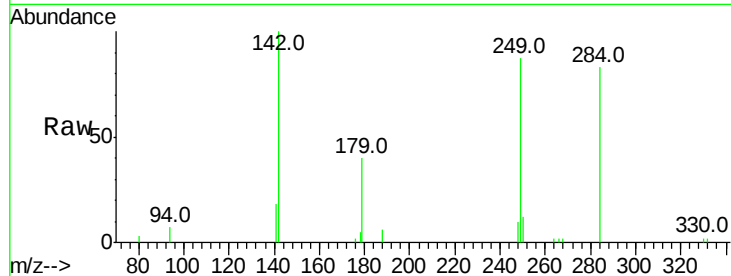
Tot Ion:284 Resp: 6212

Ion Ratio Lower Upper

284 100

142 73.5 0.0 0.0#

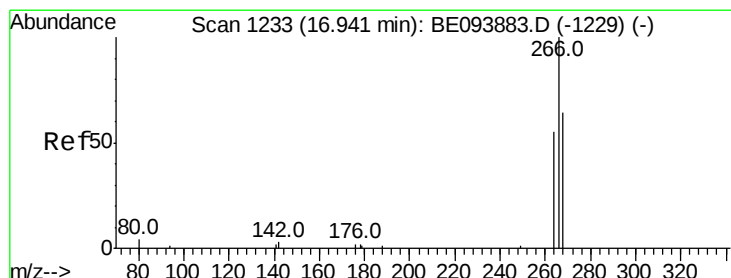
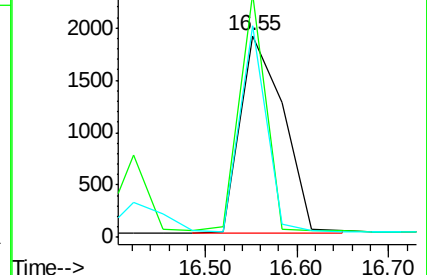
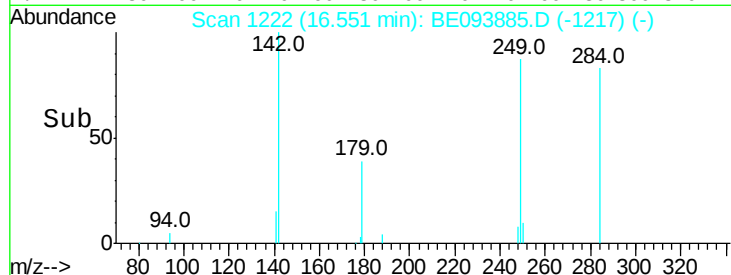
249 64.3 0.0 0.0#



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: 1.332 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

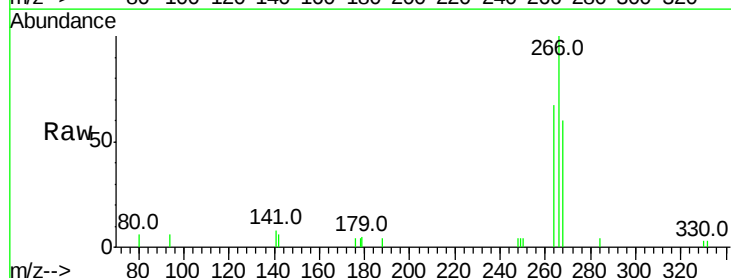
Tgt Ion:266 Resp: 3661

Ion Ratio Lower Upper

266 100

264 66.5 53.5 80.3

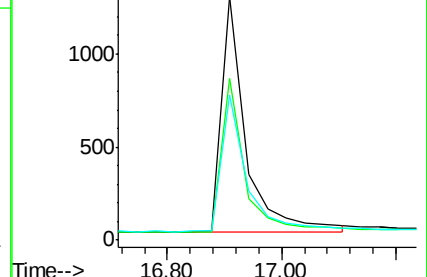
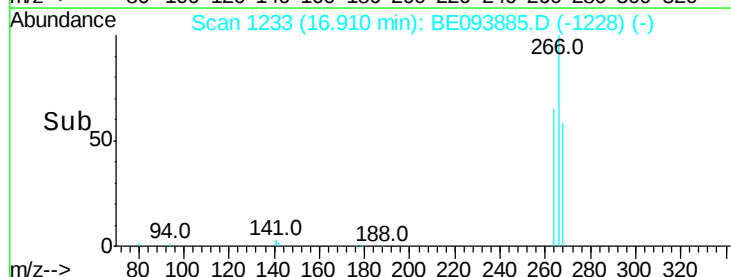
268 59.7 60.0 90.0#

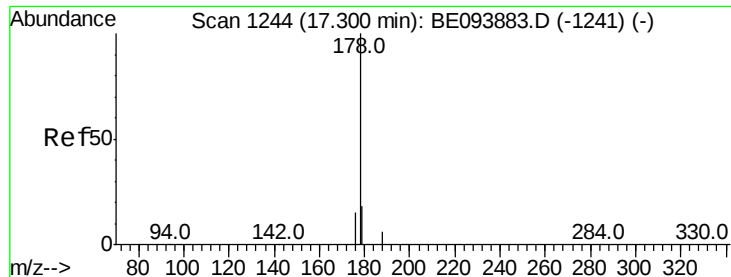


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.630 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

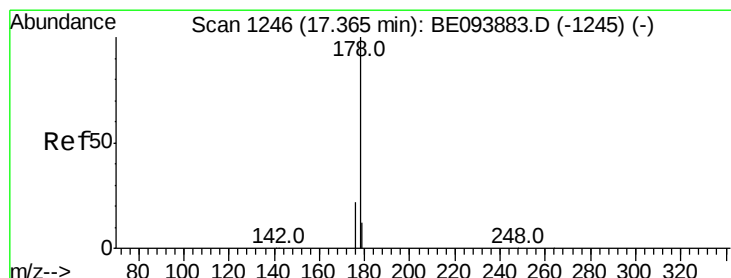
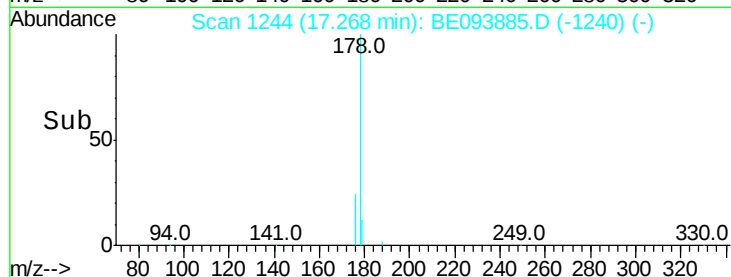
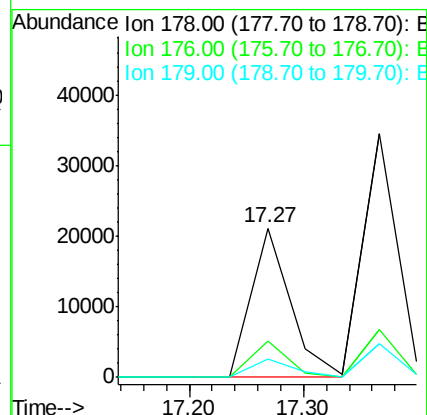
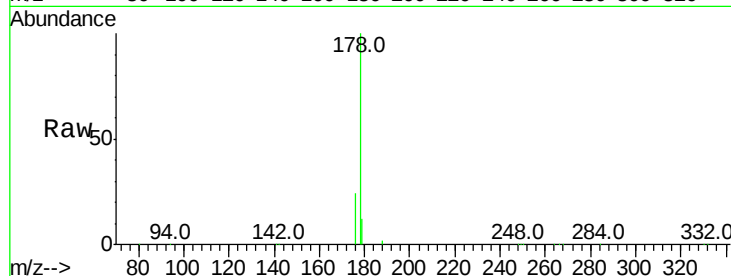
Tot Ion:178 Resp: 49995

Ion Ratio Lower Upper

178 100

176 22.1 0.0 0.0#

179 0.0 12.6 18.8#



#24

Anthracene

Concen: 1.624 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

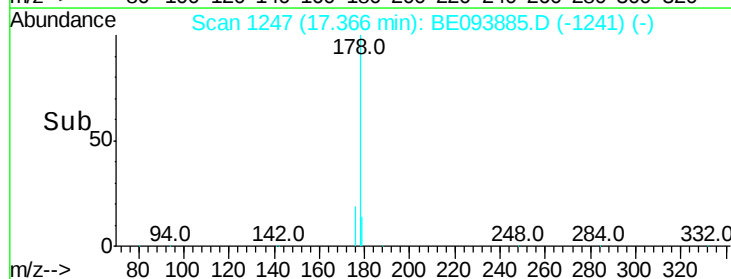
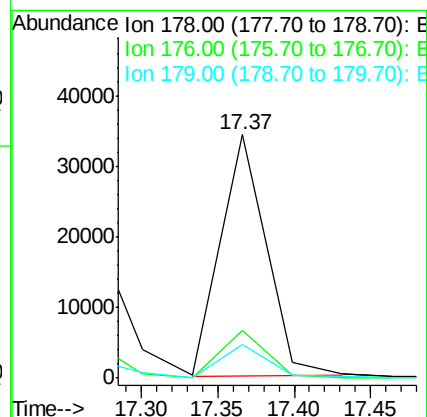
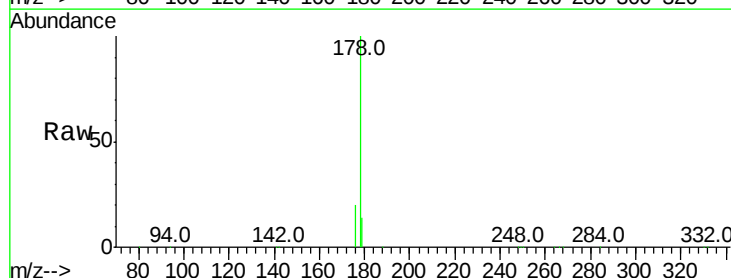
Tgt Ion:178 Resp: 70744

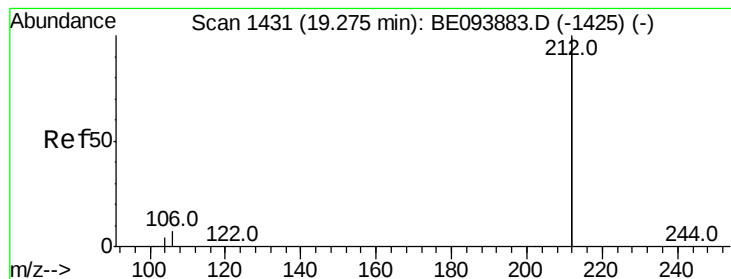
Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 24.0 0.0 0.0#





#25

Fluoranthene-d10

Concen: 1.426 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

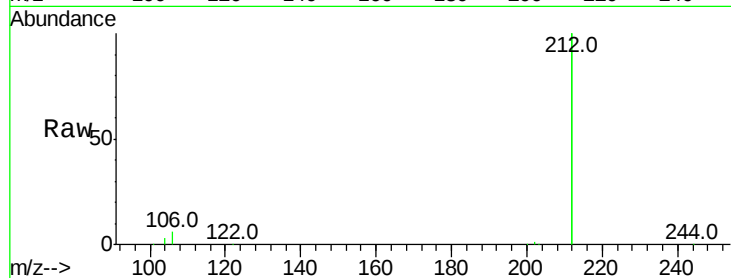
Tot Ion:212 Resp: 227868

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

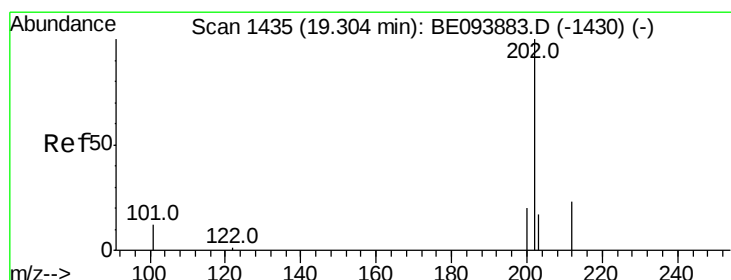
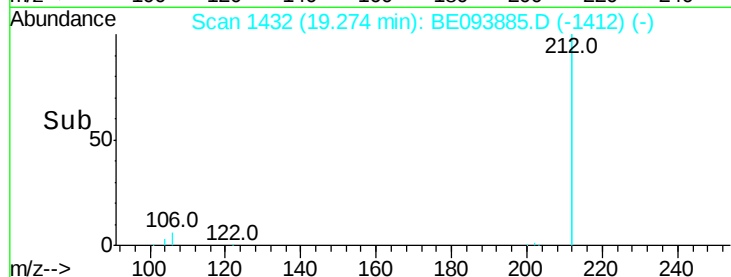
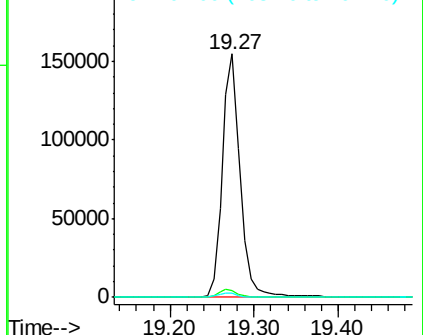
104 1.9 1.6 2.4



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: 1.400 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

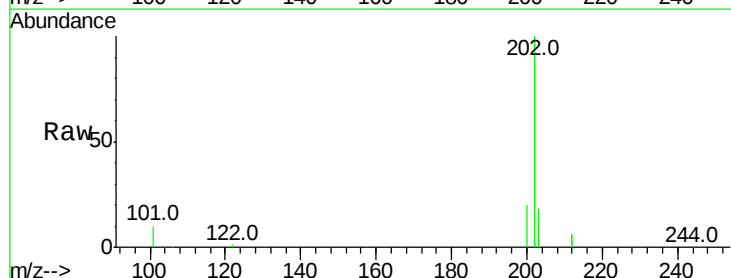
Tgt Ion:202 Resp: 68312

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

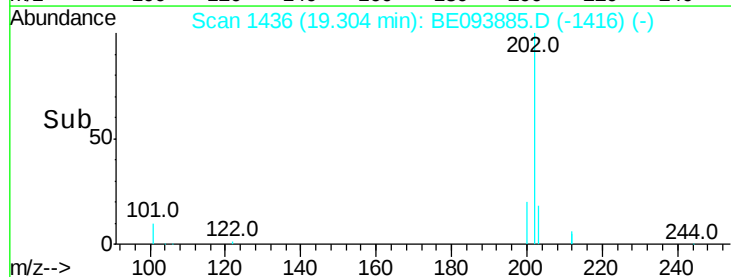
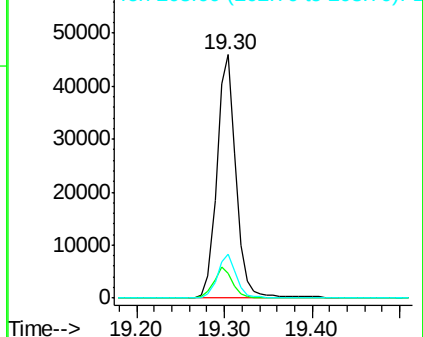
203 17.4 13.7 20.5

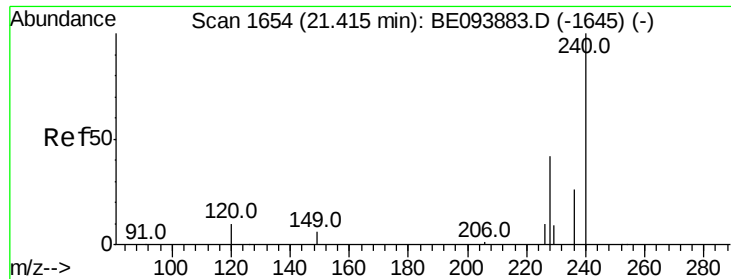


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

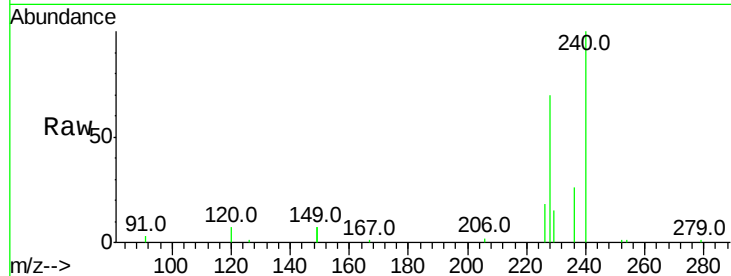
Tot Ion:240 Resp: 12738

Ion Ratio Lower Upper

240 100

120 7.0 8.7 13.1#

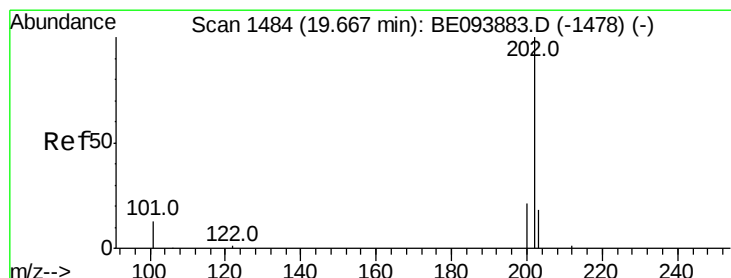
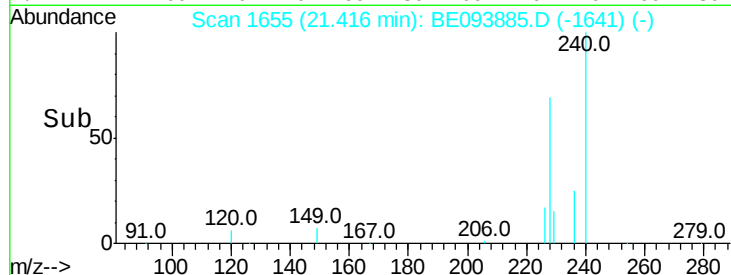
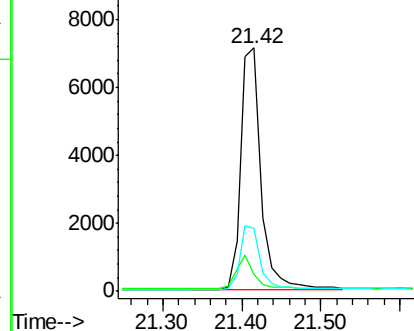
236 26.0 21.3 31.9



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: 1.676 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

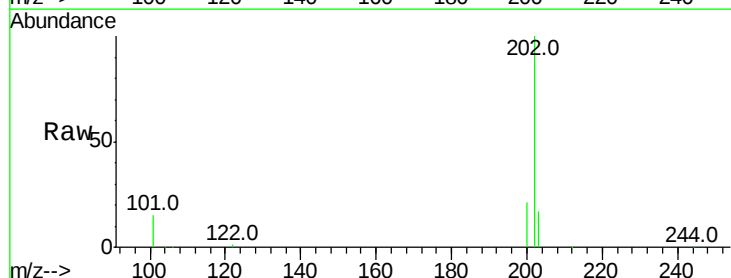
Tgt Ion:202 Resp: 69866

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

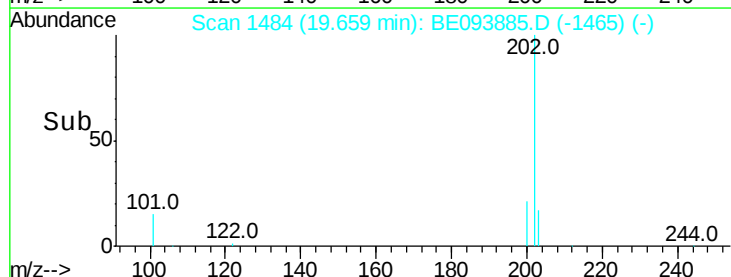
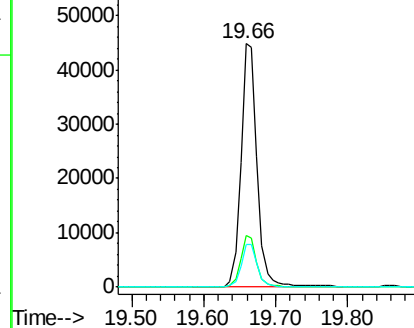
203 17.6 14.2 21.4

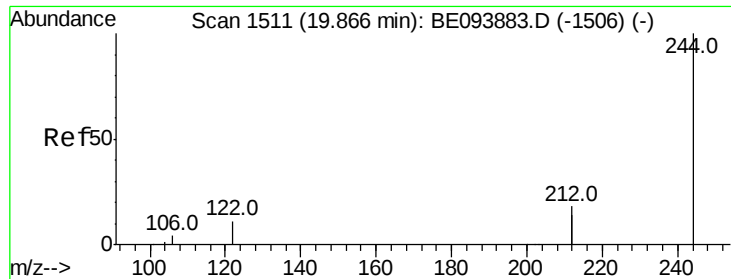


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

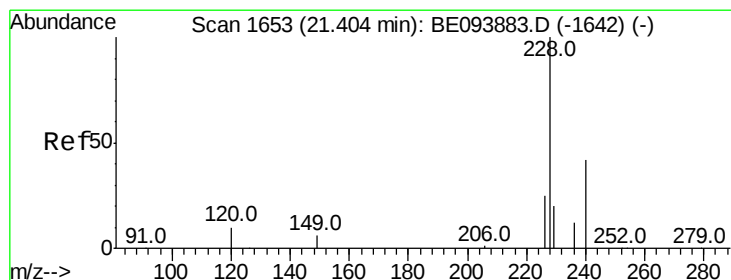
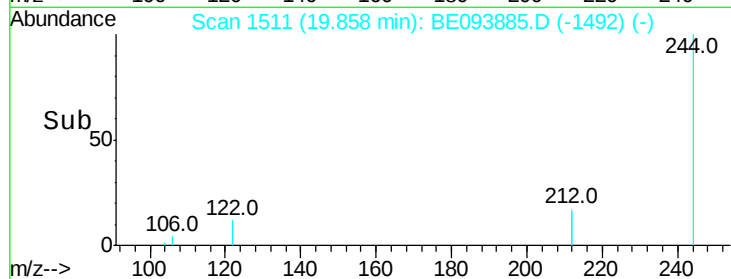
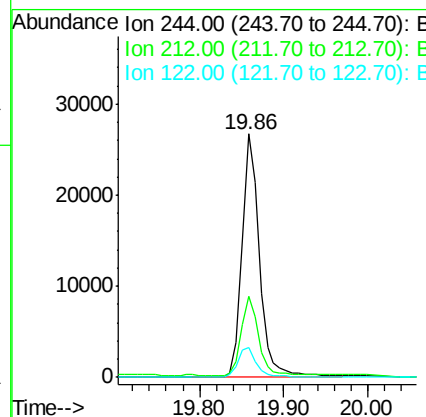
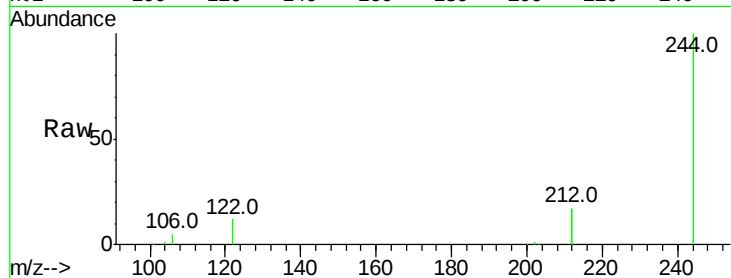




#29
 Terphenyl-d14
 Concen: 1.662 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093885.D
 Acq: 26 Aug 2017 11:36

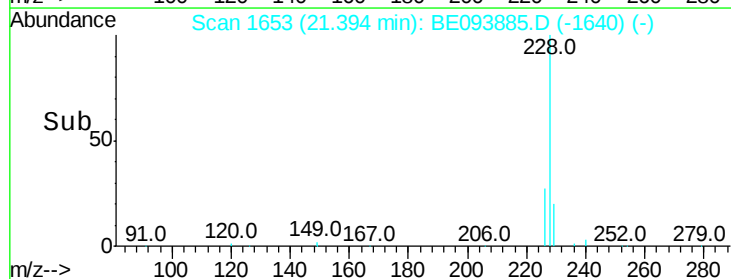
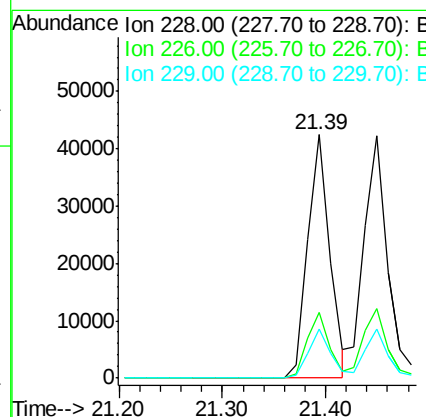
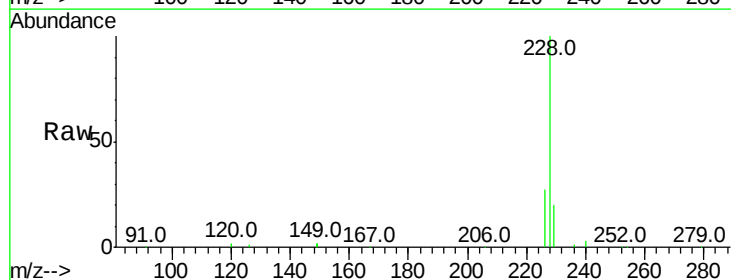
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

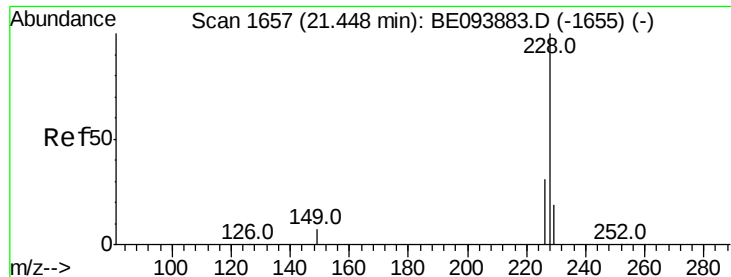
Tot Ion:244 Resp: 37701
 Ion Ratio Lower Upper
 244 100
 212 33.1 28.3 42.5
 122 12.3 9.4 14.0



#30
 Benzo(a)anthracene
 Concen: 1.572 ng
 RT: 21.39 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BE093885.D
 Acq: 26 Aug 2017 11:36

Tgt Ion:228 Resp: 62476
 Ion Ratio Lower Upper
 228 100
 226 26.8 20.8 31.2
 229 19.9 16.6 25.0





#31

Chrysene

Concen: 1.661 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampled :

SSTDICC1.6

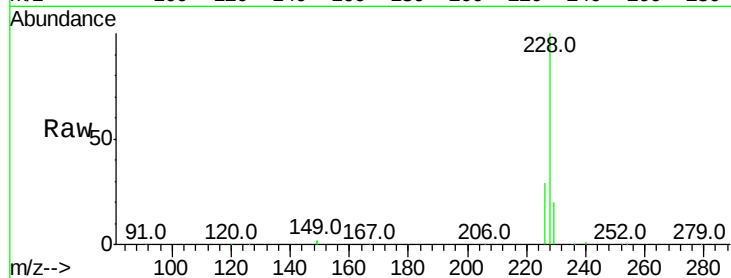
Tot Ion:228 Resp: 68454

Ion Ratio Lower Upper

228 100

226 28.8 24.6 37.0

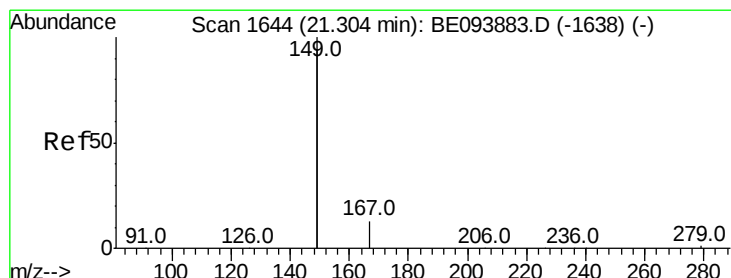
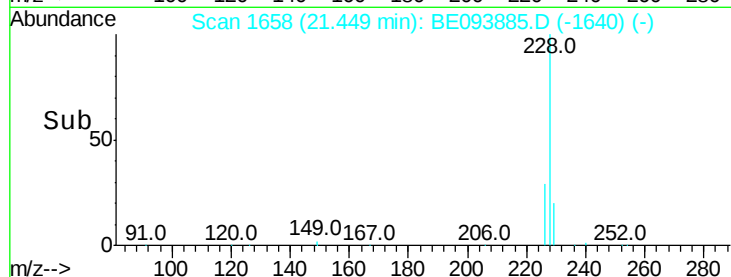
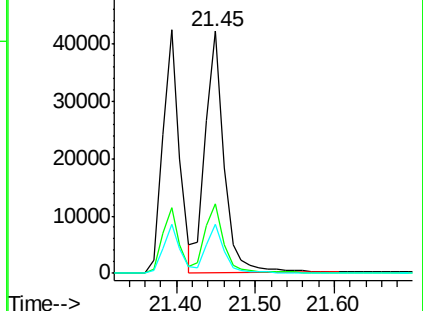
229 20.0 15.8 23.8



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: 1.525 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

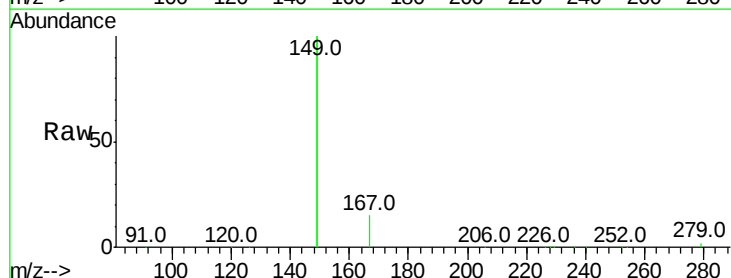
Tgt Ion:149 Resp: 128188

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

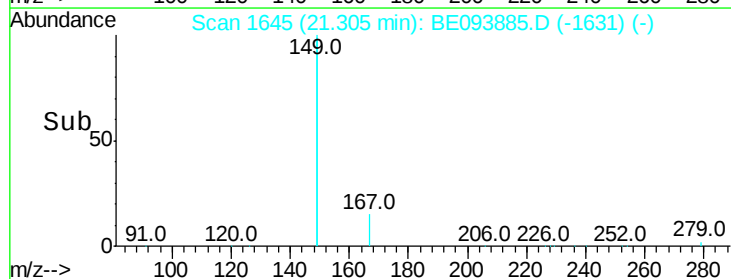
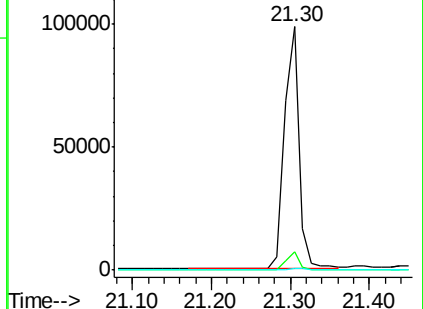
279 0.8 0.7 1.1

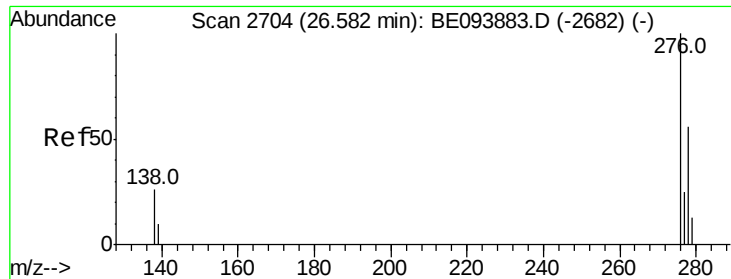


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

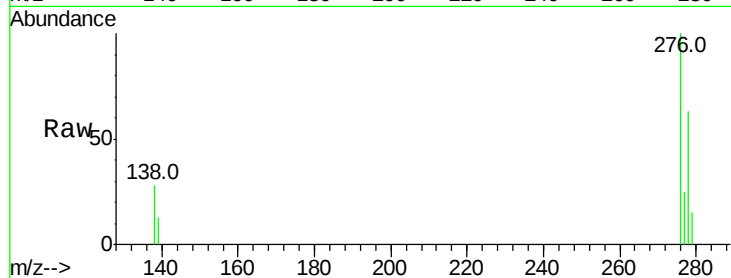




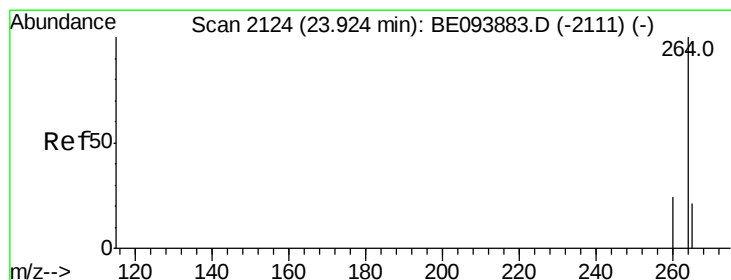
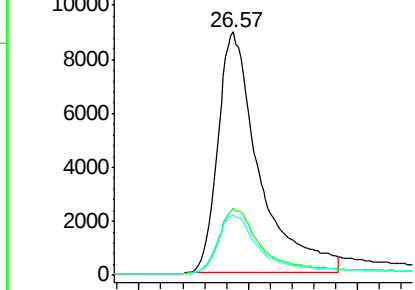
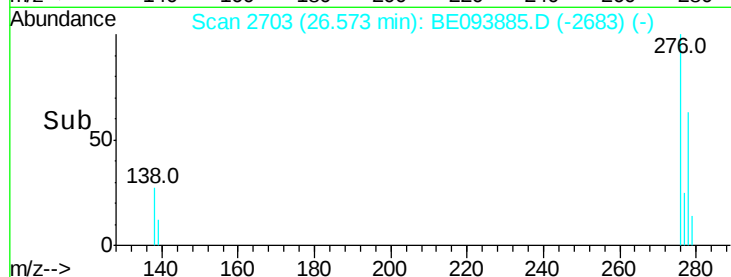
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.252 ng
 RT: 26.57 min Scan# 2703
 Delta R.T. -0.01 min
 Lab File: BE093885.D
 Acq: 26 Aug 2017 11:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion:276 Resp: 46981
 Ion Ratio Lower Upper
 276 100
 138 27.6 22.2 33.2
 277 25.1 19.5 29.3

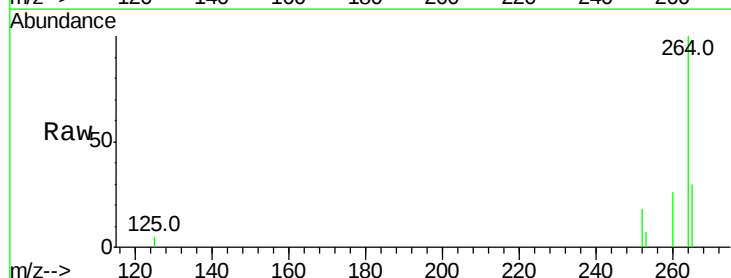


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

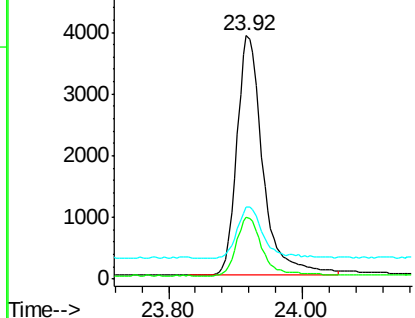
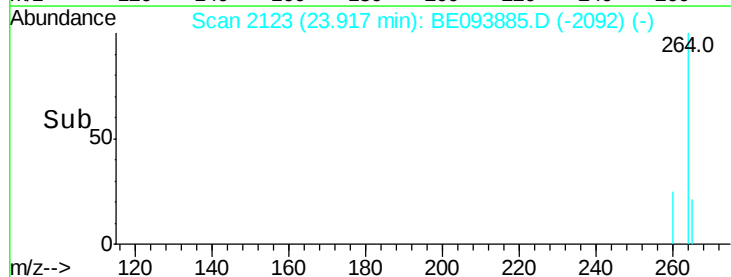


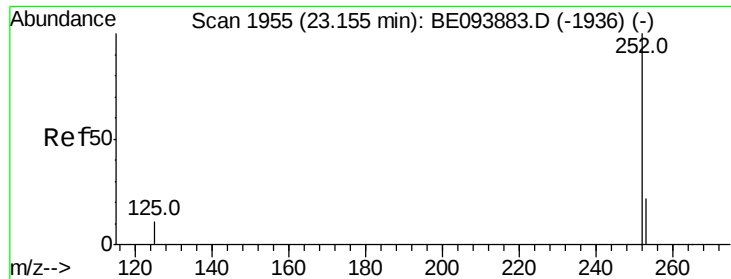
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BE093885.D
 Acq: 26 Aug 2017 11:36

Tgt Ion:264 Resp: 10576
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.0 30.0
 265 29.5 24.0 36.0



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

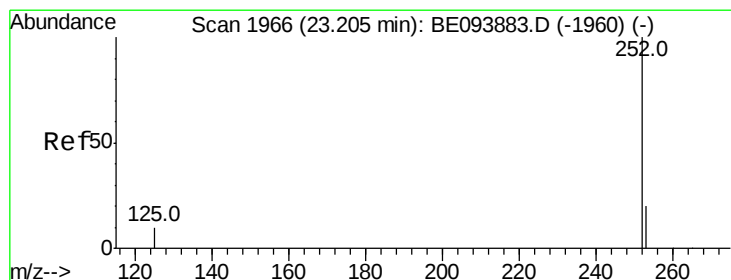
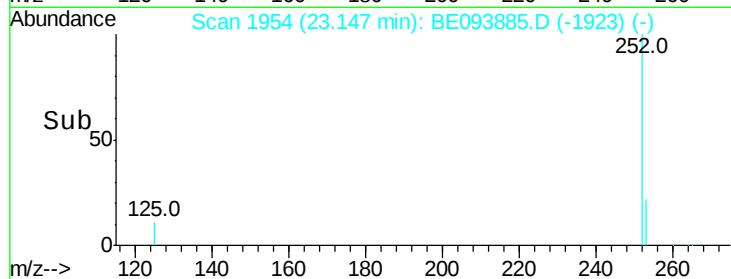
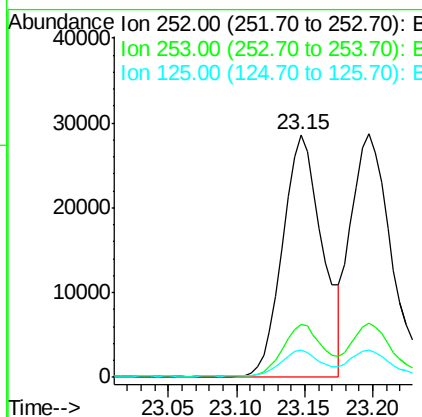
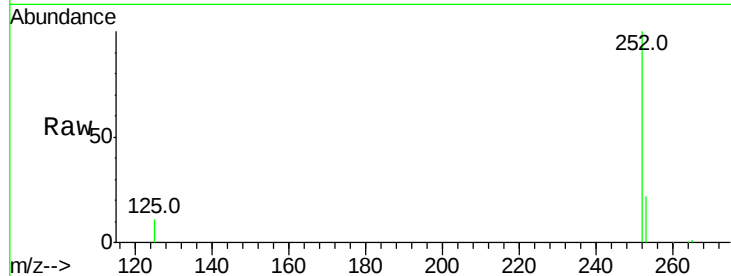




#35
Benzo(b)fluoranthene
Concen: 1.619 ng
RT: 23.15 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

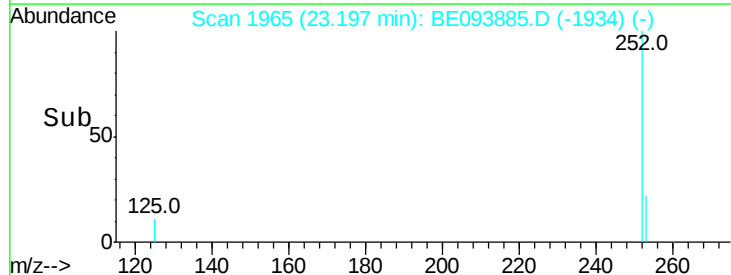
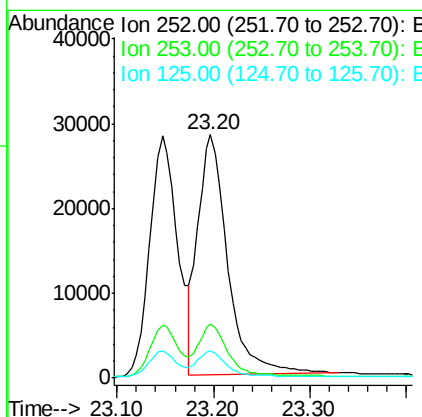
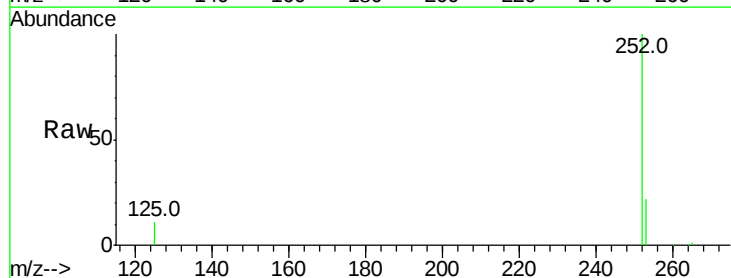
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

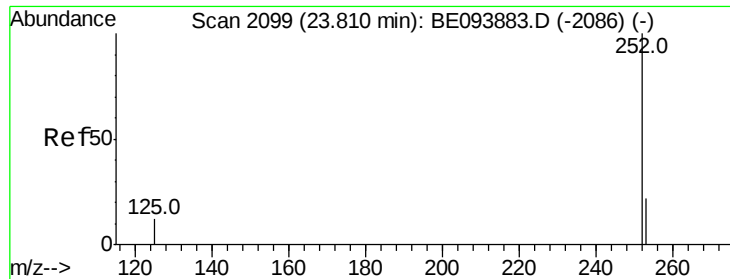
Tot Ion:252 Resp: 57718
Ion Ratio Lower Upper
252 100
253 22.1 19.4 29.0
125 11.0 10.0 15.0



#36
Benzo(k)fluoranthene
Concen: 1.615 ng
RT: 23.20 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:252 Resp: 60492
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.1 9.8 14.6





#37

Benzo(a)pyrene

Concen: 1.590 ng

RT: 23.81 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

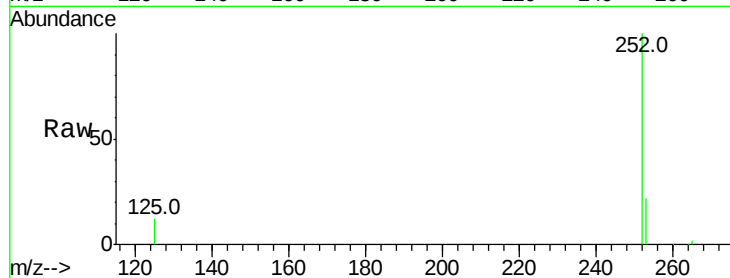
Tot Ion:252 Resp: 54175

Ion Ratio Lower Upper

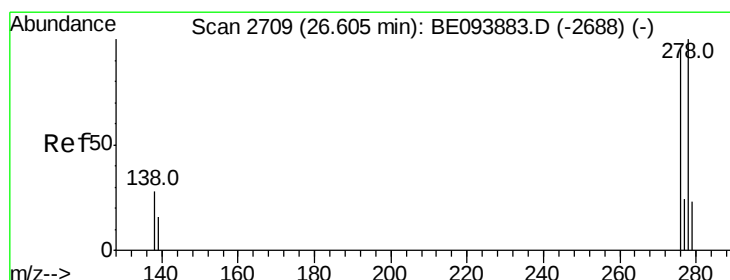
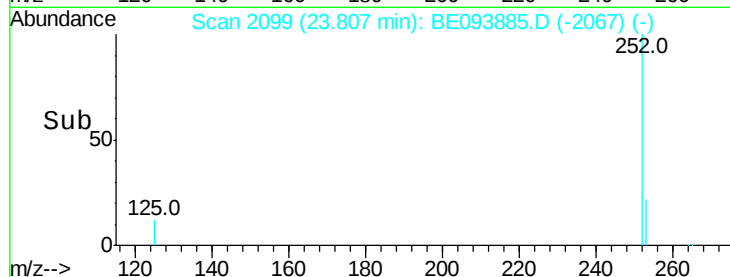
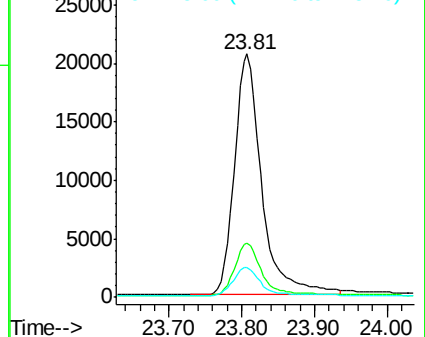
252 100

253 22.3 19.6 29.4

125 12.4 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: 1.310 ng

RT: 26.59 min Scan# 2707

Delta R.T. -0.01 min

Lab File: BE093885.D

Acq: 26 Aug 2017 11:36

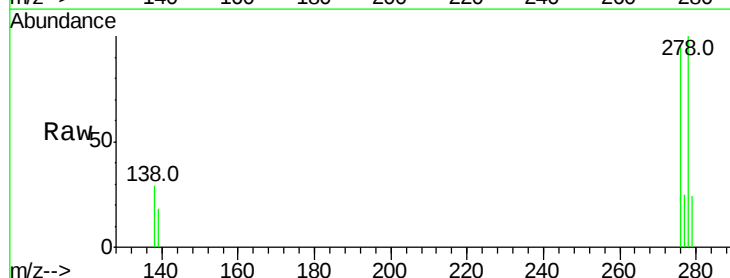
Tgt Ion:278 Resp: 40323

Ion Ratio Lower Upper

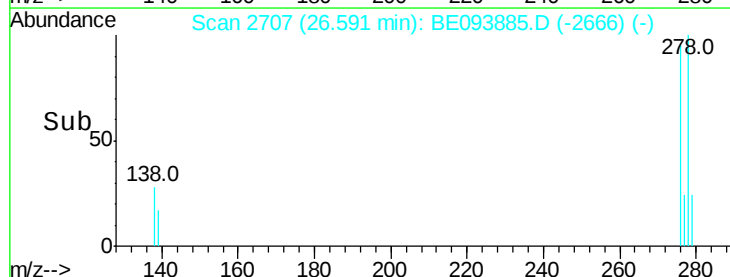
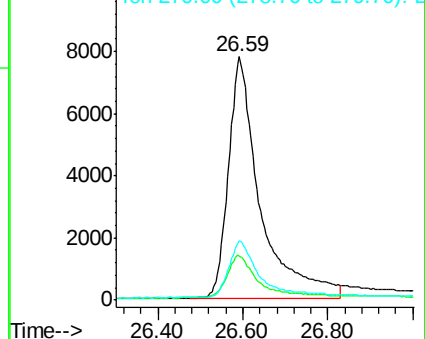
278 100

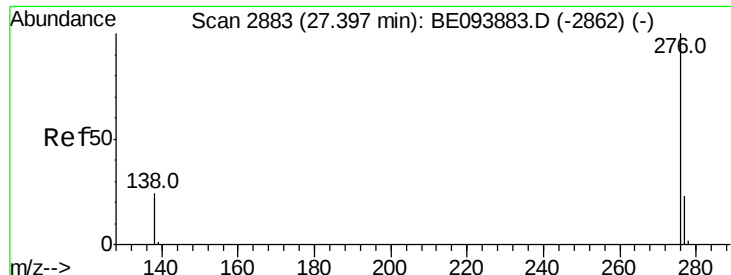
139 18.0 16.7 25.1

279 24.3 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: 1.337 ng

RT: 27.39 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BE093885.D

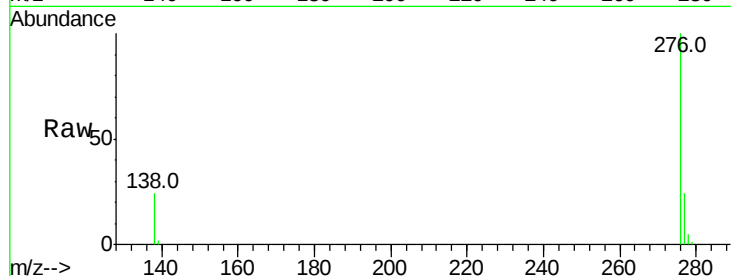
Acq: 26 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



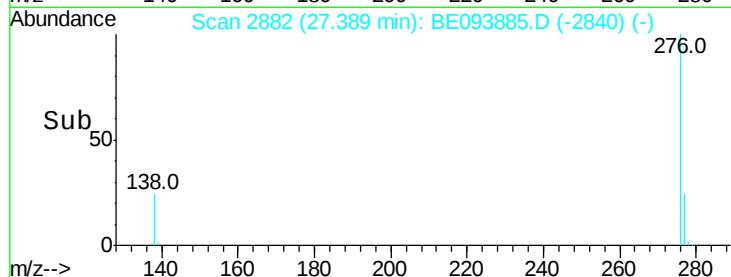
Tot Ion: 276 Resp: 41672

Ion Ratio Lower Upper

276 100

277 24.5 20.6 30.8

138 24.4 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

