

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
 Data File : BE093616.D
 Acq On : 1 Aug 2017 14:50
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 01 15:54:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:41:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2274	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11206	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6553	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18253	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19534	0.40	ng	0.00
34) Perylene-d12	23.91	264	15454	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	11011	1.40	ng	0.00
5) Phenol-d6	7.09	99	16254	1.47	ng	0.00
8) Nitrobenzene-d5	9.06	82	13831	1.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	28756	1.59	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	2865	1.20	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	40802	1.58	ng	-0.01
25) Fluoranthene-d10	19.27	212	320923	1.10	ng	0.00
29) Terphenyl-d14	19.86	244	55769	1.57	ng	0.00

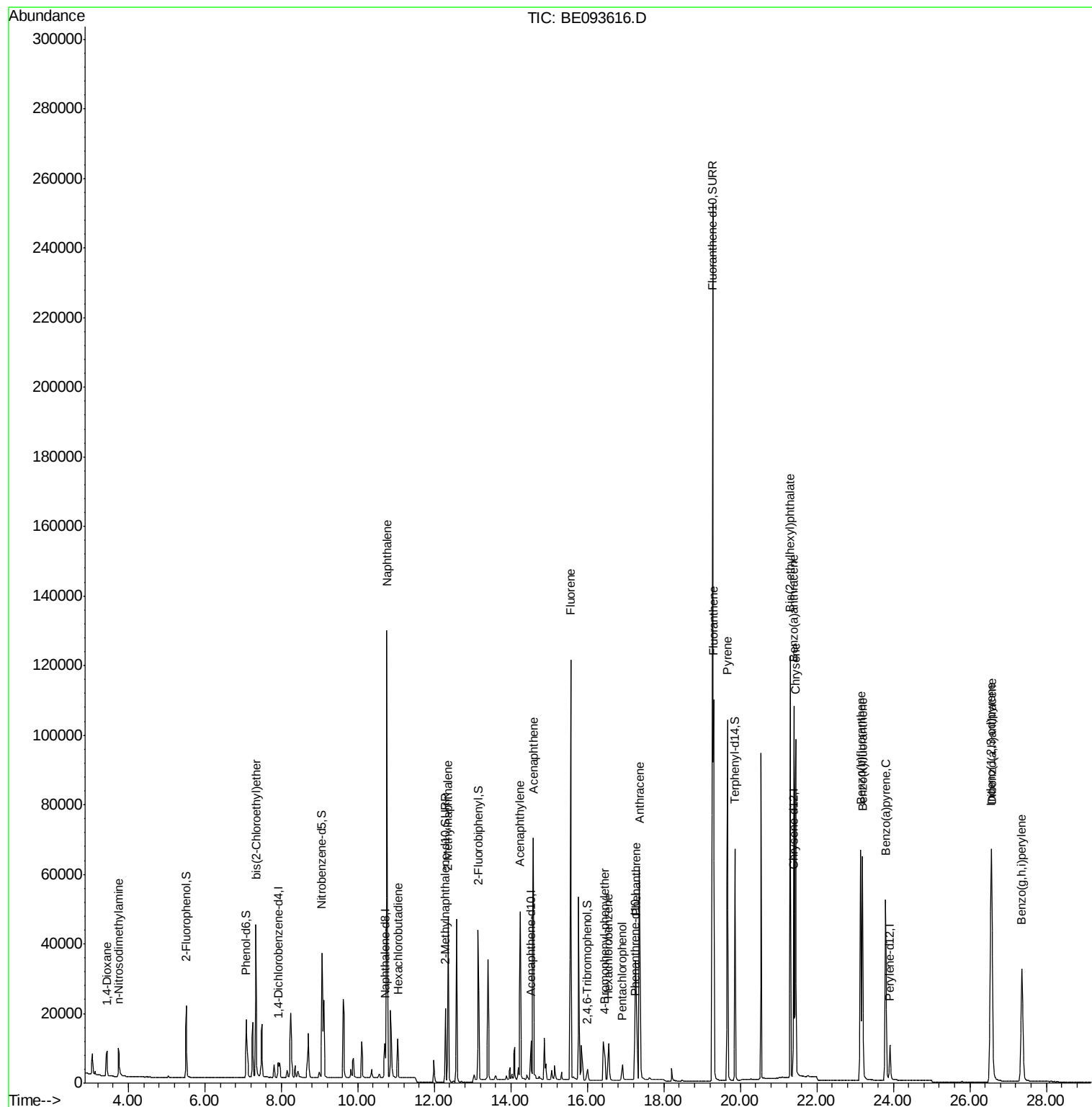
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	5633	1.492	ng	94
3) n-Nitrosodimethylamine	3.74	42	5987	1.602	ng	90
6) bis(2-Chloroethyl)ether	7.34	93	14210	1.614	ng	# 99
9) Naphthalene	10.76	128	204951	1.570	ng	99
10) Hexachlorobutadiene	11.04	225	7660	1.510	ng	99
12) 2-Methylnaphthalene	12.36	142	34507	1.577	ng	96
16) Acenaphthylene	14.24	152	54490	1.651	ng	# 88
17) Acenaphthene	14.59	154	36419	1.625	ng	98
18) Fluorene	15.56	166	48175	1.527	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	7630	1.073	ng	# 83
21) Hexachlorobenzene	16.55	284	8101	1.184	ng	# 100
22) Pentachlorophenol	16.91	266	4653	1.165	ng	94
23) Phenanthrene	17.27	178	61283	1.481	ng	# 79
24) Anthracene	17.37	178	93626	1.479	ng	# 90
26) Fluoranthene	19.30	202	100167	1.134	ng	99
28) Pyrene	19.67	202	100927	1.594	ng	# 99
30) Benzo(a)anthracene	21.39	228	94957	1.511	ng	95
31) Chrysene	21.45	228	101097	1.623	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	131505	0.966	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	91996	1.562	ng	94
35) Benzo(b)fluoranthene	23.14	252	90851	1.674	ng	# 93
36) Benzo(k)fluoranthene	23.19	252	93621	1.746	ng	# 92
37) Benzo(a)pyrene	23.80	252	83314	1.651	ng	# 91
38) Dibenzo(a,h)anthracene	26.57	278	79891	1.675	ng	# 88
39) Benzo(g,h,i)perylene	27.36	276	79815	1.667	ng	# 91

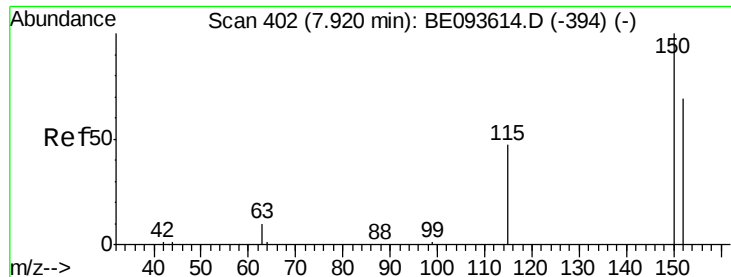
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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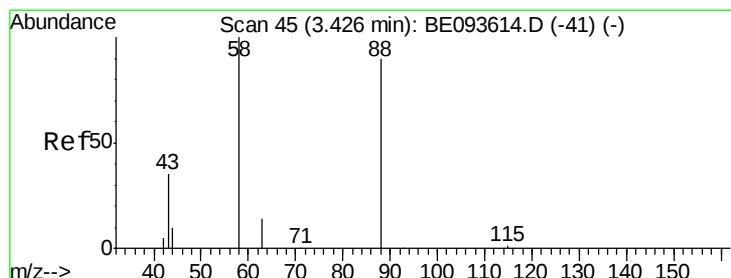
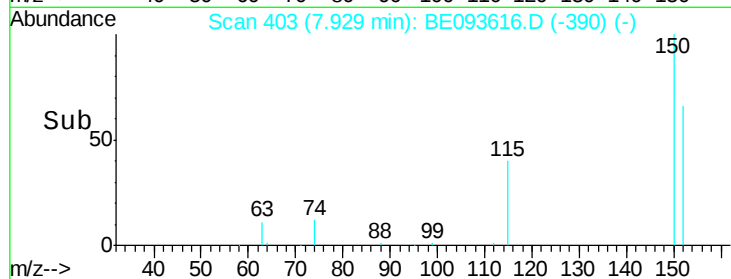
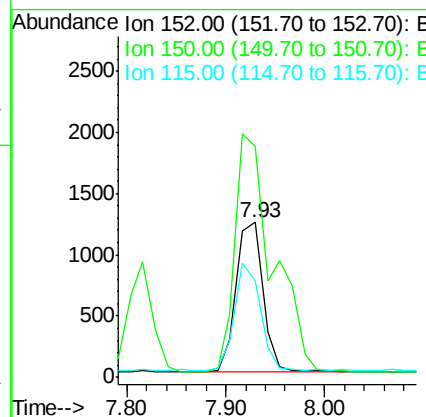
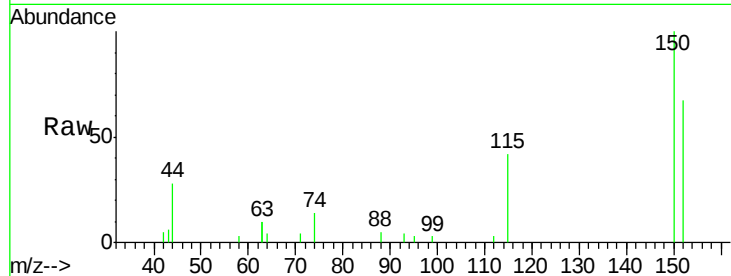




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.93 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BE093616.D
 Acq: 1 Aug 2017 14:50

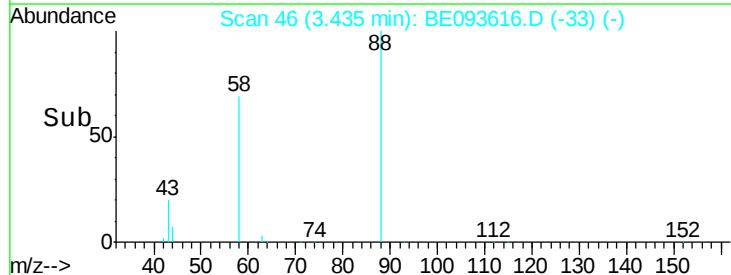
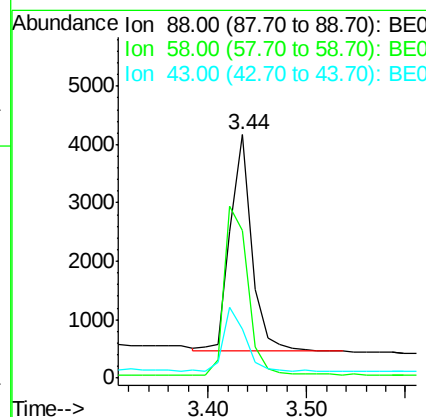
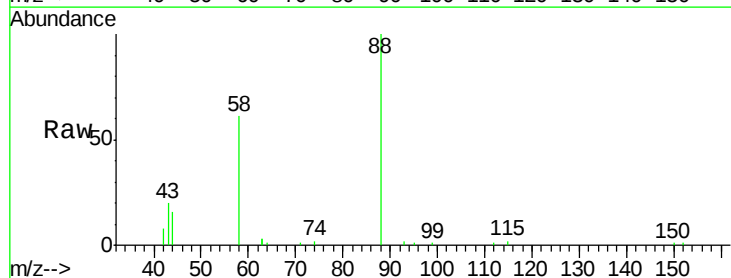
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

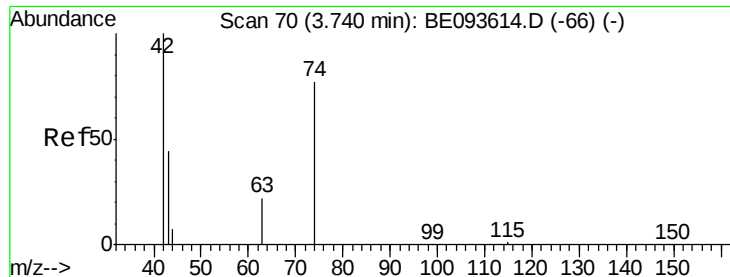
Tgt Ion: 152 Resp: 2274
 Ion Ratio Lower Upper
 152 100
 150 148.7 125.1 187.7
 115 62.5 55.7 83.5



#2
 1,4-Dioxane
 Concen: 1.492 ng
 RT: 3.44 min Scan# 46
 Delta R.T. 0.01 min
 Lab File: BE093616.D
 Acq: 1 Aug 2017 14:50

Tgt Ion: 88 Resp: 5633
 Ion Ratio Lower Upper
 88 100
 58 85.1 62.2 93.4
 43 29.3 23.2 34.8

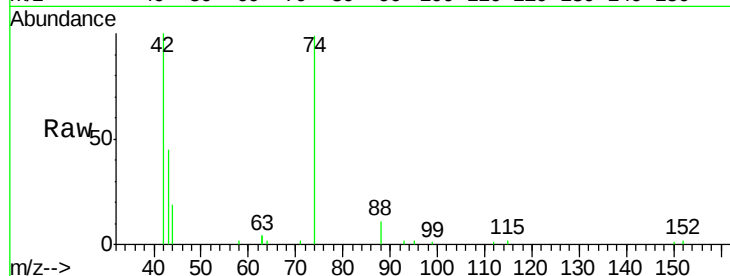




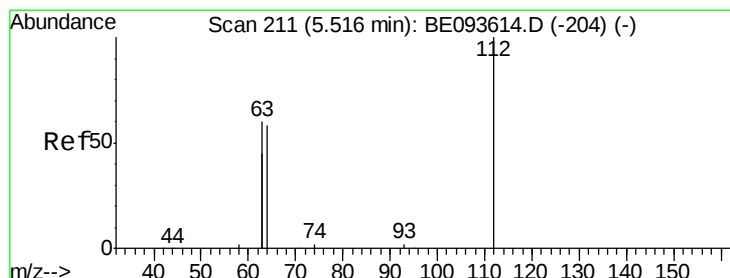
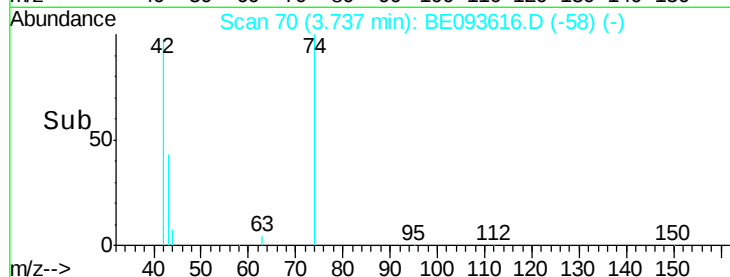
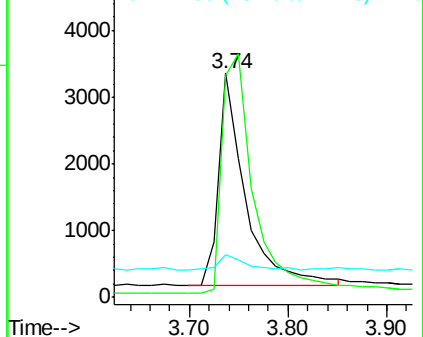
#3
n-Nitrosodimethylamine
Concen: 1.602 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE093616.D
Acq: 1 Aug 2017 14:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 5987
Ion Ratio Lower Upper
42 100
74 135.8 99.1 148.7
44 7.9 7.4 11.2

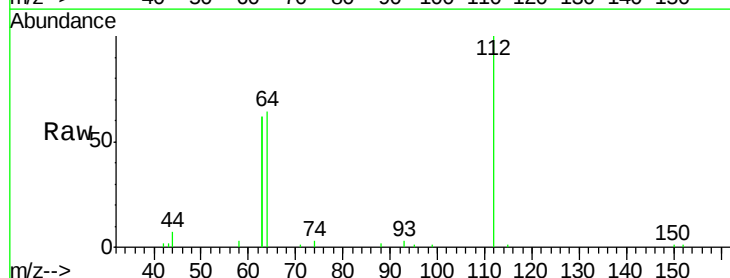


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

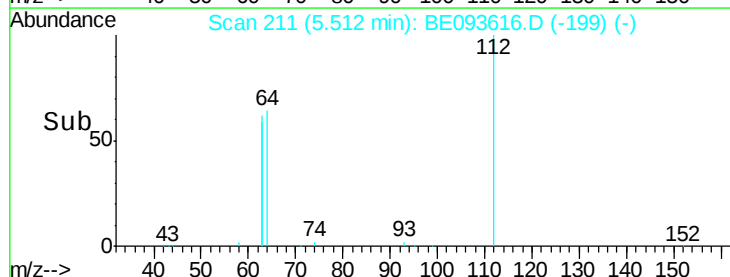
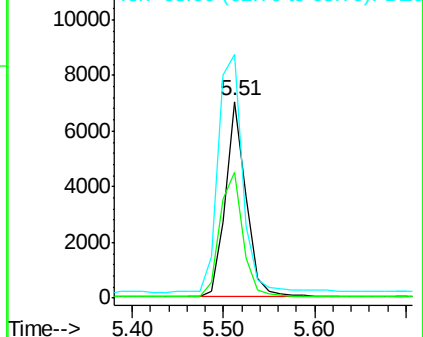


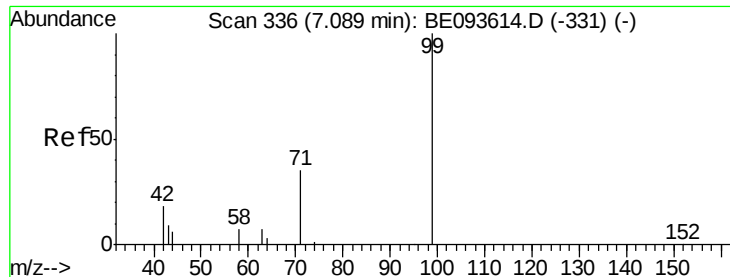
#4
2-Fluorophenol
Concen: 1.395 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093616.D
Acq: 1 Aug 2017 14:50

Tgt Ion: 112 Resp: 11011
Ion Ratio Lower Upper
112 100
64 71.4 56.4 84.6
63 143.7 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.470 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

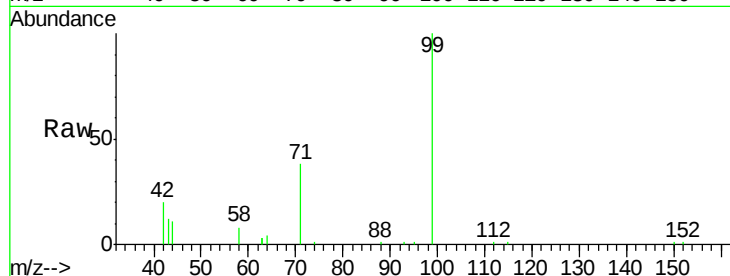
Tgt Ion: 99 Resp: 16254

Ion Ratio Lower Upper

99 100

42 19.3 0.0 0.0#

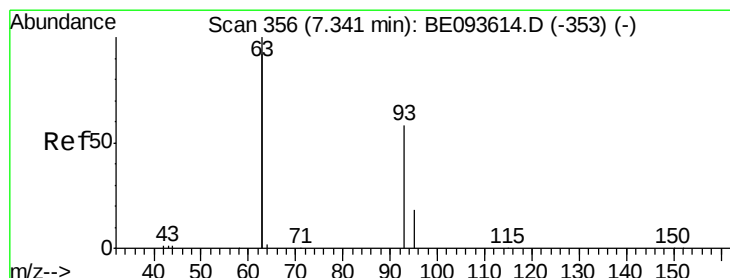
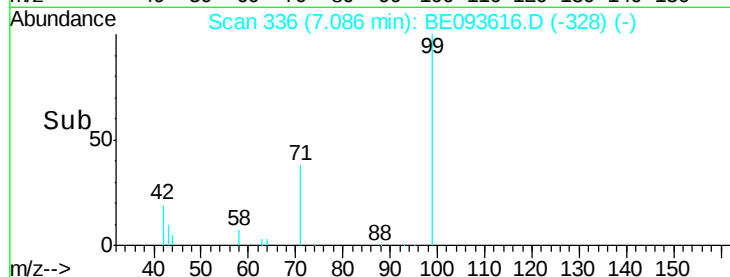
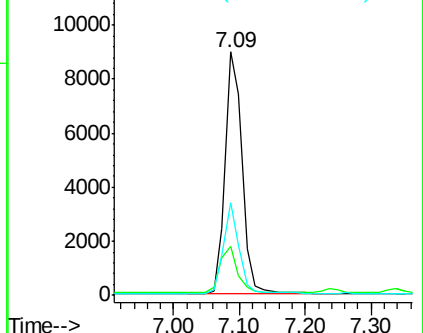
71 34.3 0.0 0.0#



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: 1.614 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

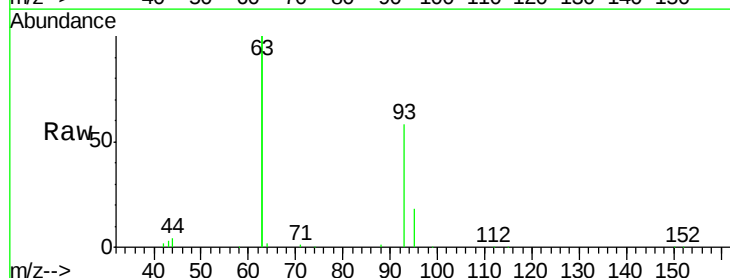
Tgt Ion: 93 Resp: 14210

Ion Ratio Lower Upper

93 100

63 348.9 0.0 0.0#

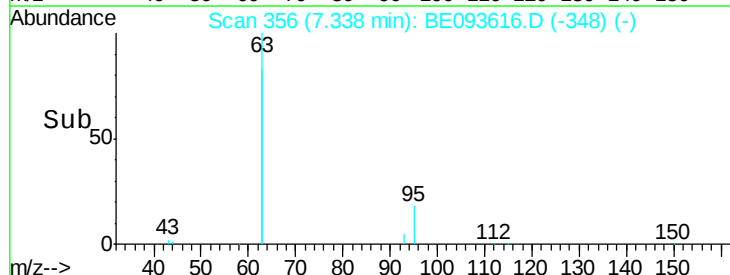
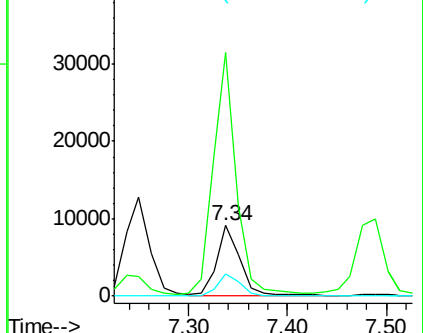
95 32.2 25.4 38.0

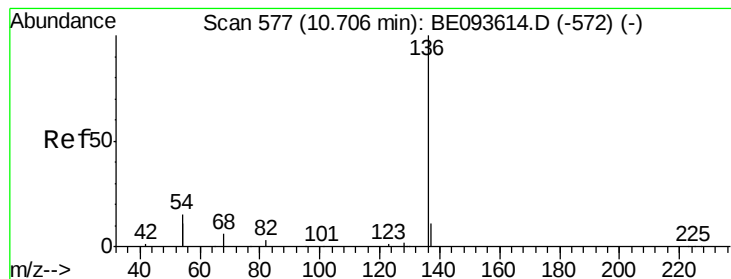


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 11206

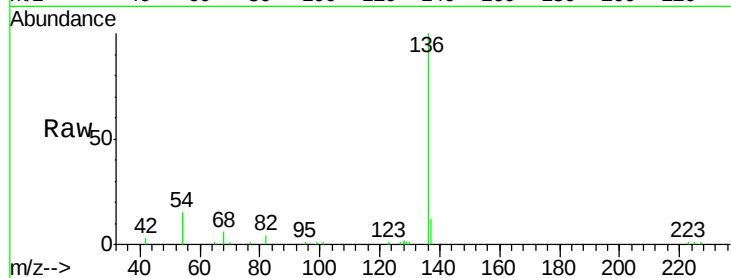
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 30.5 10.3 15.5#

68 6.3 9.0 13.4#

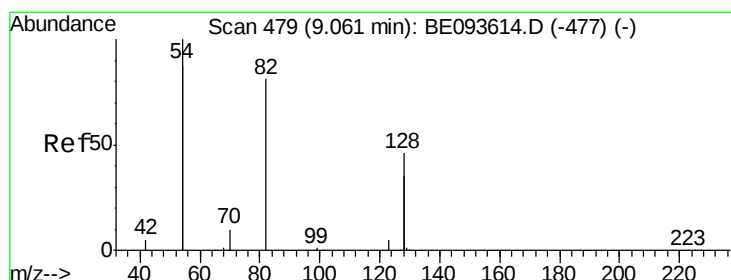
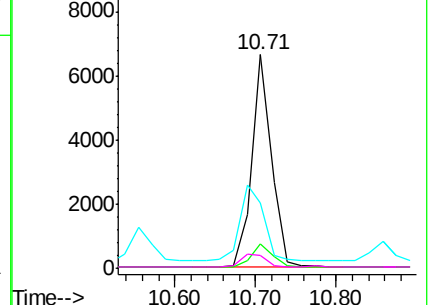
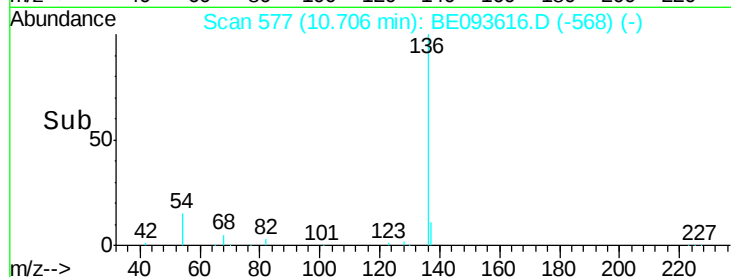


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 1.553 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

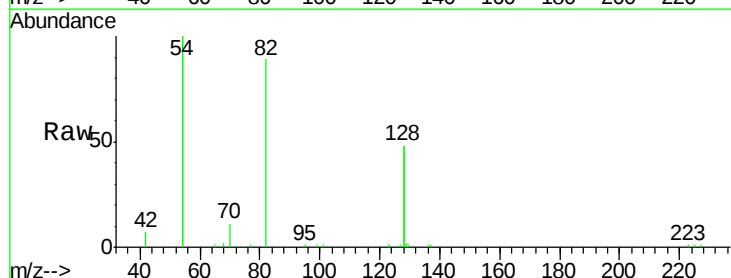
Tgt Ion: 82 Resp: 13831

Ion Ratio Lower Upper

82 100

128 107.1 17.0 25.4#

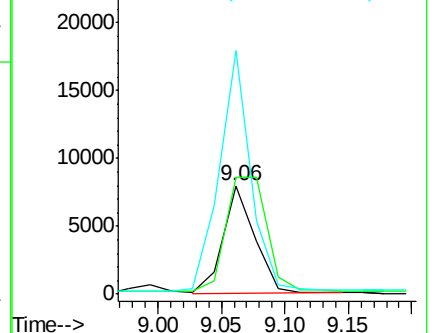
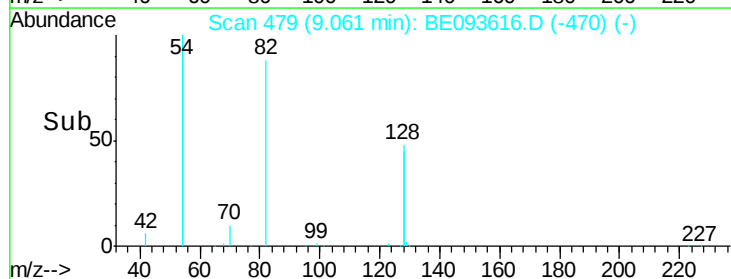
54 224.4 53.8 80.6#

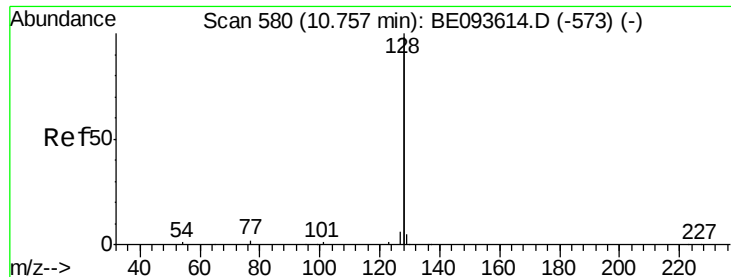


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.570 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

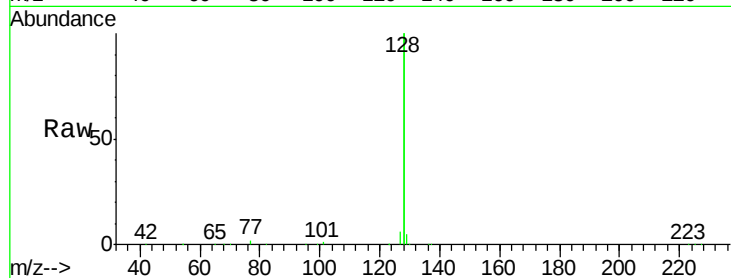
Tgt Ion:128 Resp: 204951

Ion Ratio Lower Upper

128 100

129 2.7 2.4 3.6

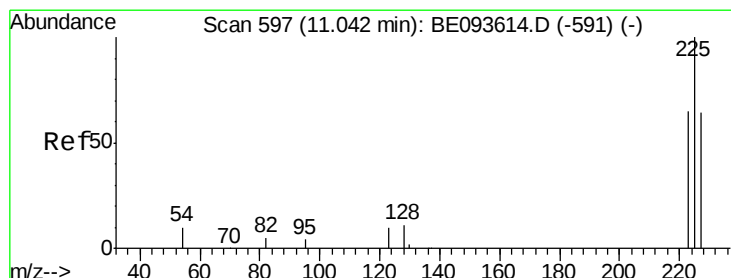
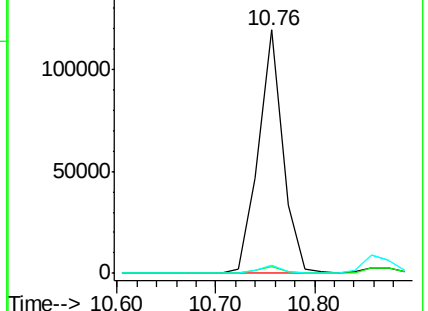
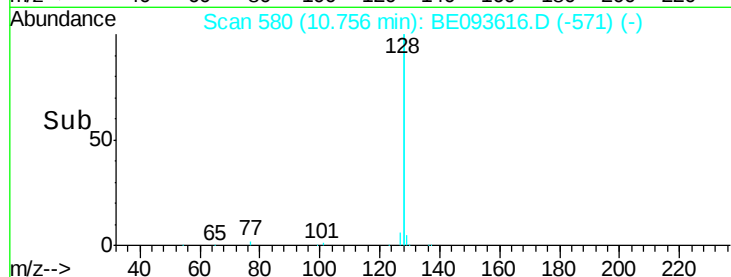
127 3.2 2.4 3.6



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: 1.510 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

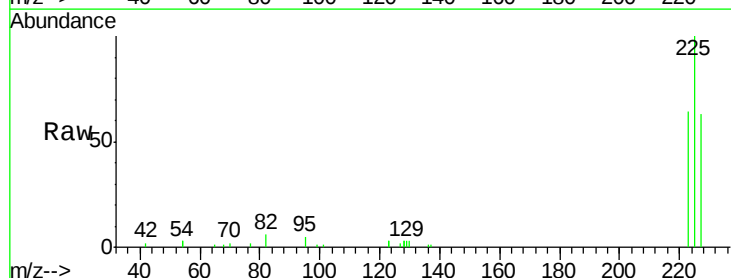
Tgt Ion:225 Resp: 7660

Ion Ratio Lower Upper

225 100

223 62.2 49.7 74.5

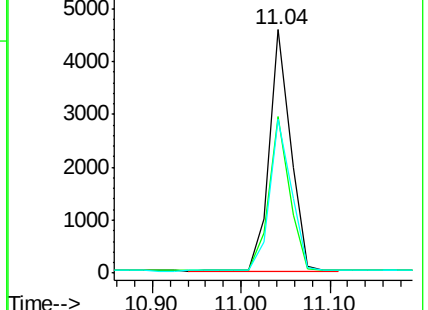
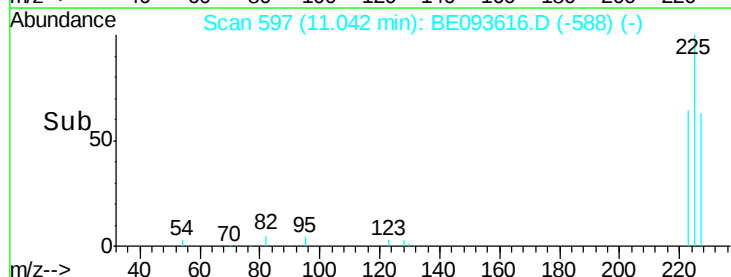
227 63.9 50.3 75.5

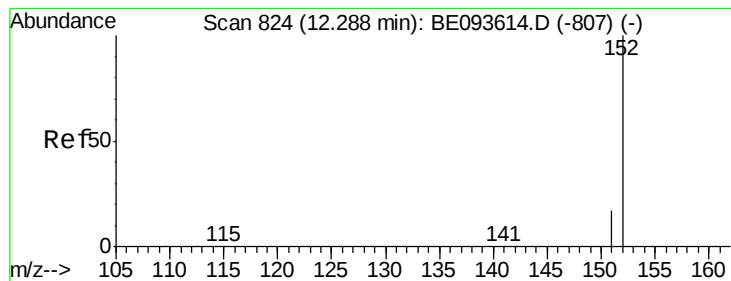


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.587 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

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ClientSampleId :

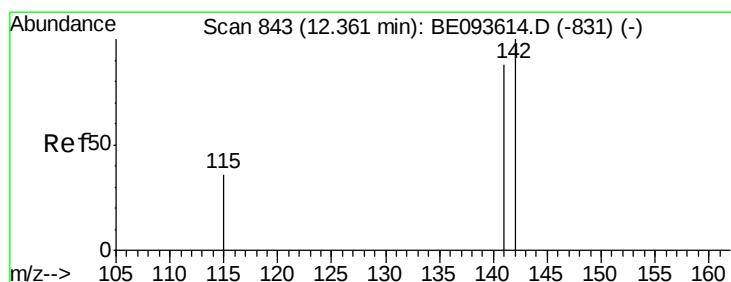
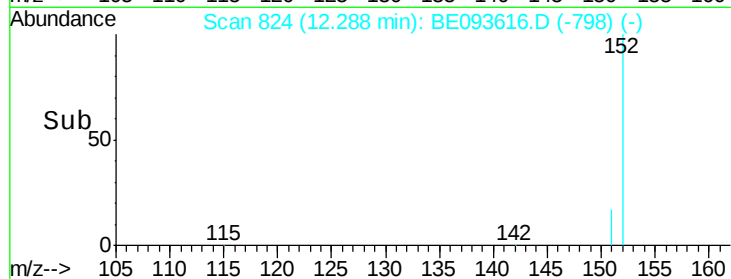
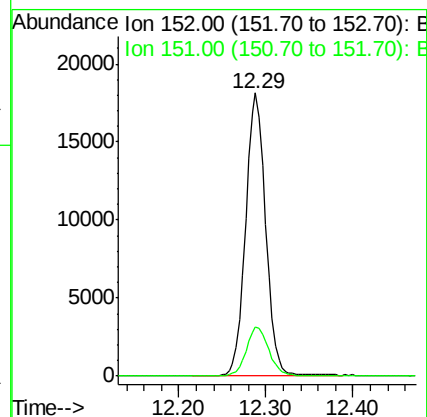
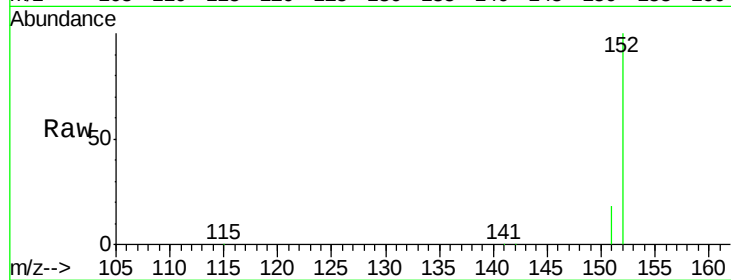
SSTDICC1.6

Tgt Ion:152 Resp: 28756

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 1.577 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

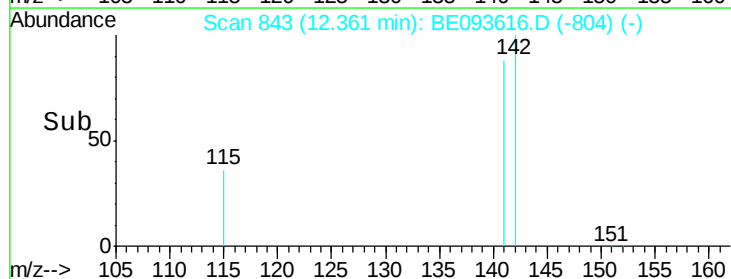
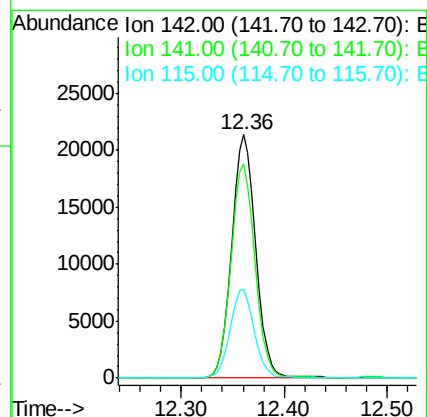
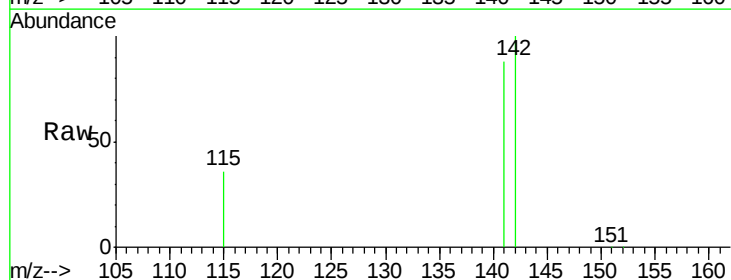
Tgt Ion:142 Resp: 34507

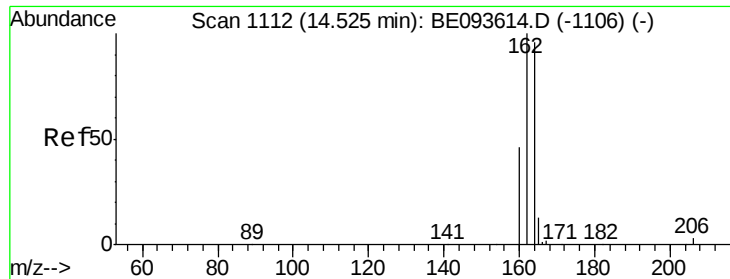
Ion Ratio Lower Upper

142 100

141 88.0 72.6 108.8

115 36.3 32.2 48.2

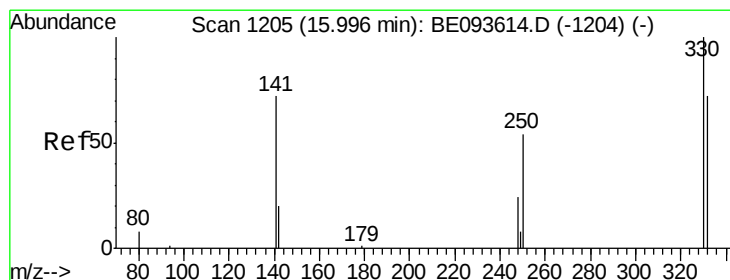
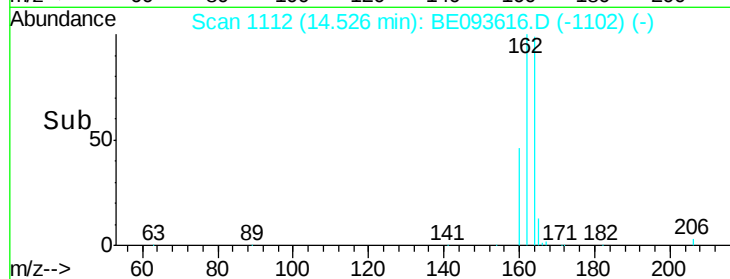
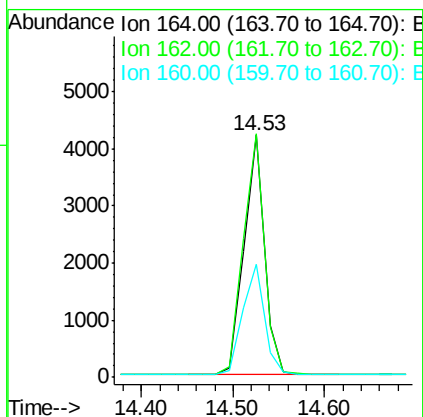
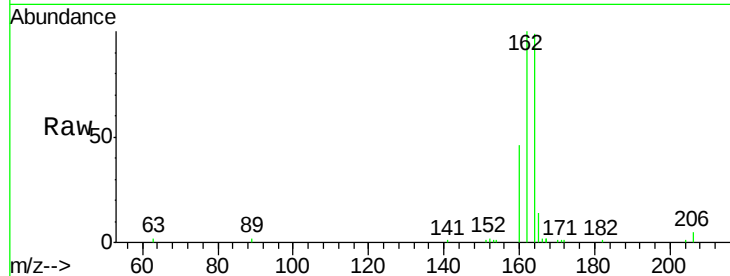




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093616.D
 Acq: 1 Aug 2017 14:50

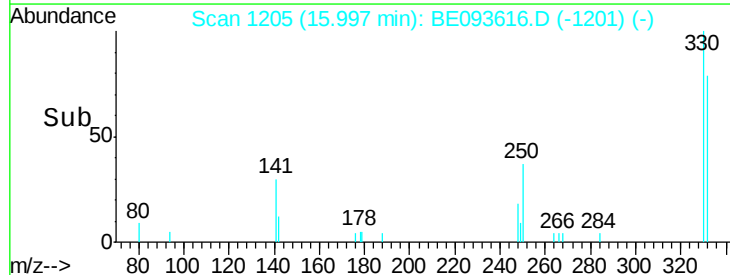
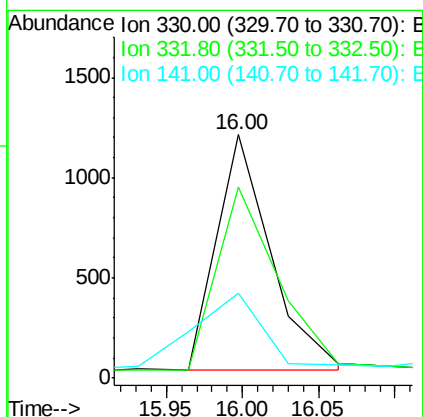
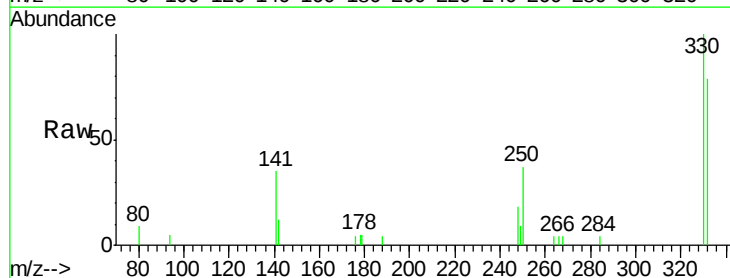
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

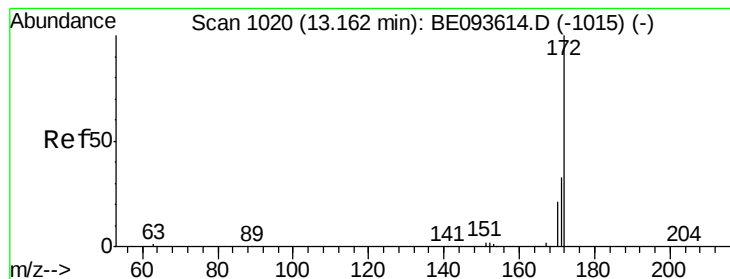
Tgt Ion:164 Resp: 6553
 Ion Ratio Lower Upper
 164 100
 162 100.6 84.6 127.0
 160 46.5 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 1.202 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093616.D
 Acq: 1 Aug 2017 14:50

Tgt Ion:330 Resp: 2865
 Ion Ratio Lower Upper
 330 100
 332 87.2 77.7 116.5
 141 38.3 56.2 84.4#





#15

2-Fluorobiphenyl

Concen: 1.582 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

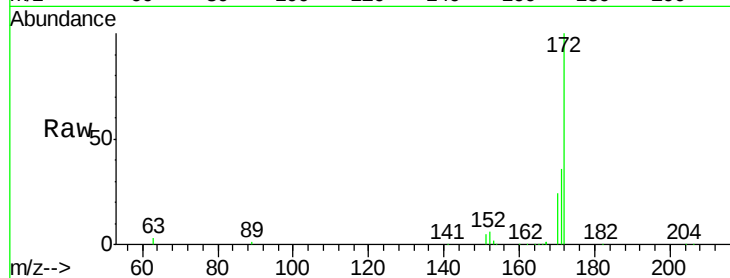
Tgt Ion:172 Resp: 40802

Ion Ratio Lower Upper

172 100

171 35.9 29.8 44.6

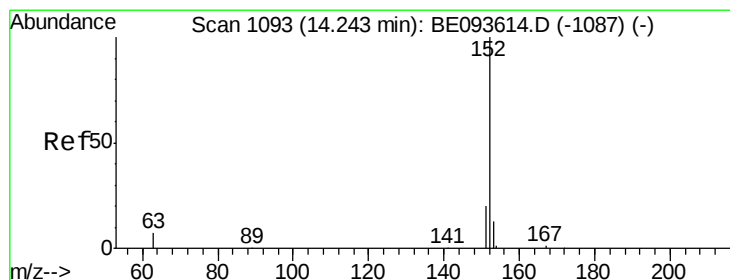
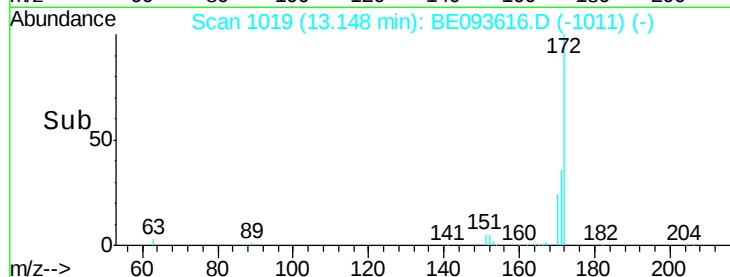
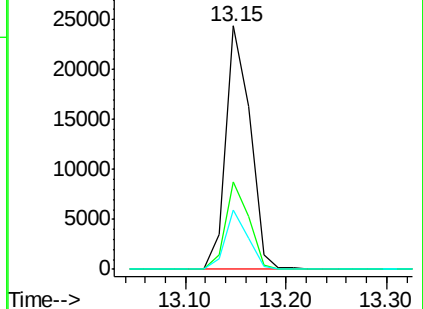
170 24.5 20.7 31.1



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: 1.651 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

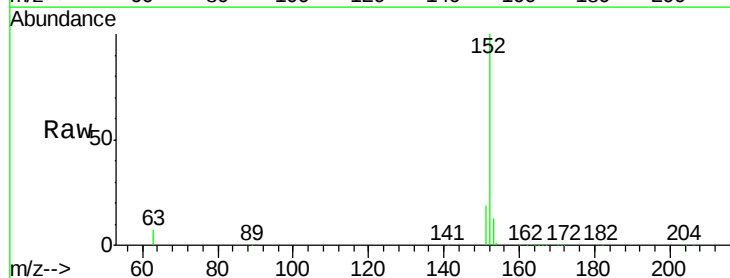
Tgt Ion:152 Resp: 54490

Ion Ratio Lower Upper

152 100

151 19.5 4.0 6.0#

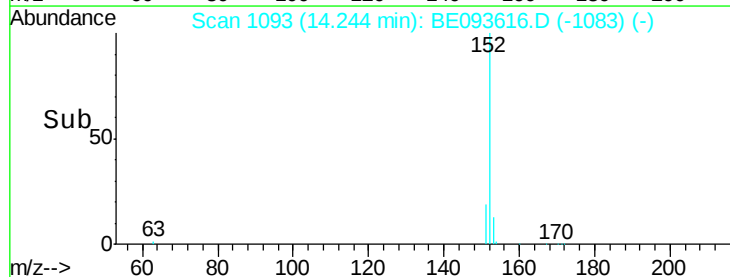
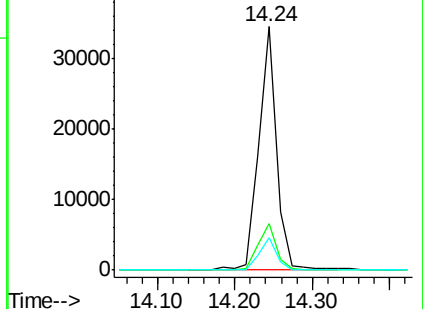
153 13.0 10.3 15.5

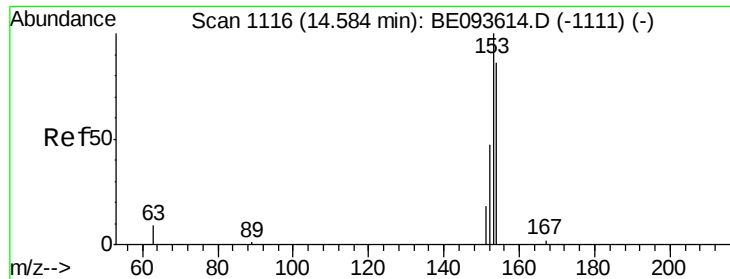


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

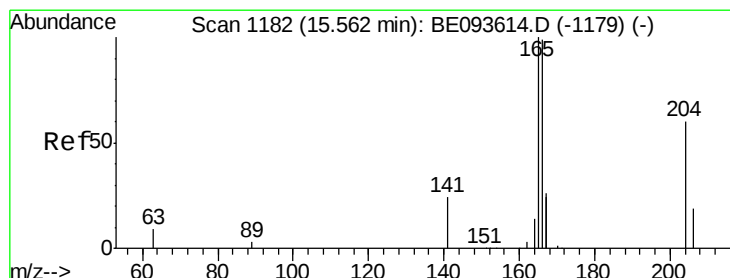
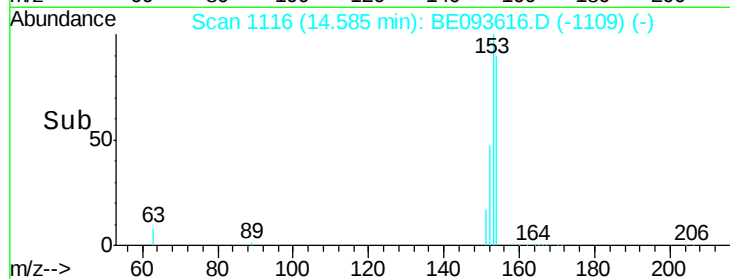
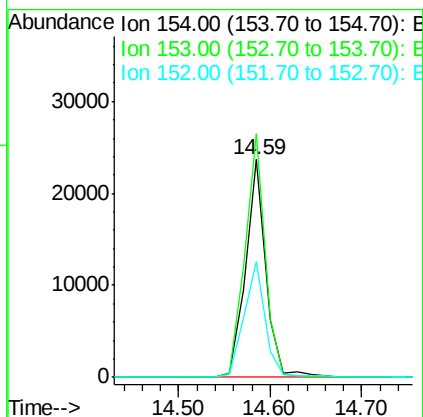
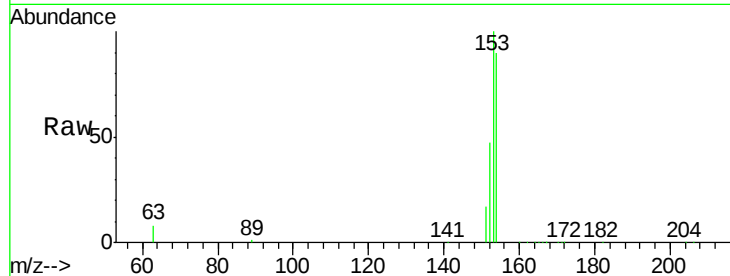




#17
Acenaphthene
Concen: 1.625 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093616.D
Acq: 1 Aug 2017 14:50

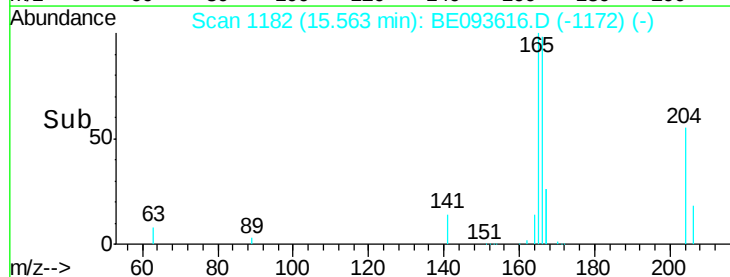
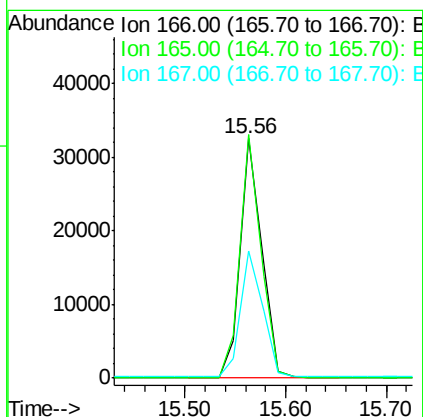
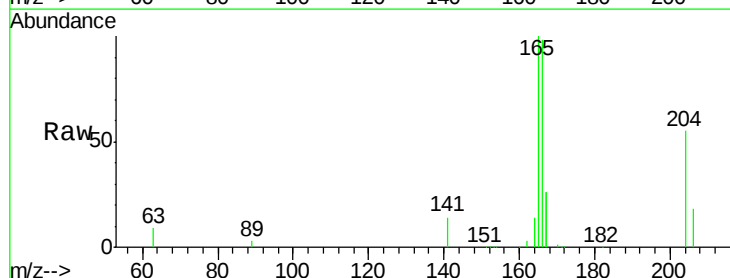
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

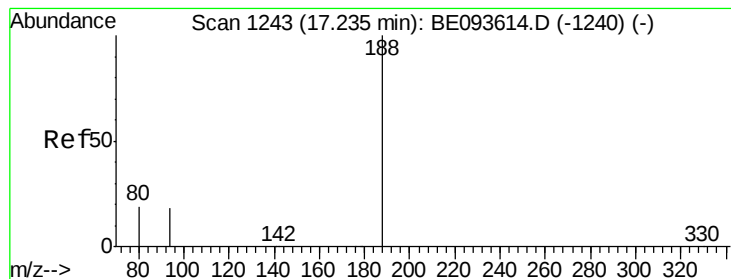
Tgt Ion:154 Resp: 36419
Ion Ratio Lower Upper
154 100
153 111.5 91.2 136.8
152 54.2 44.8 67.2



#18
Fluorene
Concen: 1.527 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093616.D
Acq: 1 Aug 2017 14:50

Tgt Ion:166 Resp: 48175
Ion Ratio Lower Upper
166 100
165 99.3 78.6 117.8
167 53.9 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

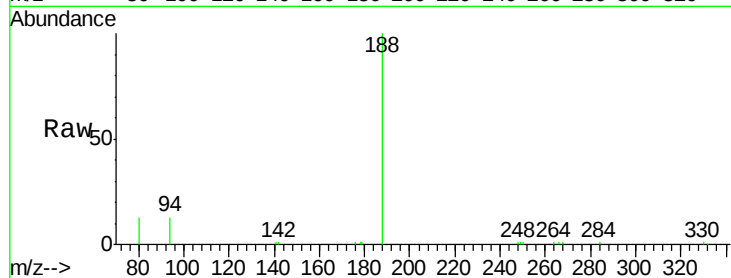
Tgt Ion:188 Resp: 18253

Ion Ratio Lower Upper

188 100

94 12.7 11.3 16.9

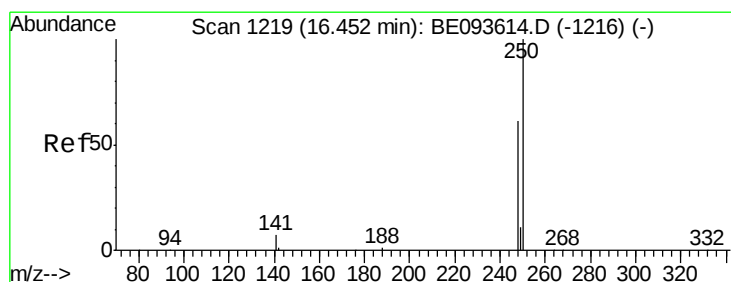
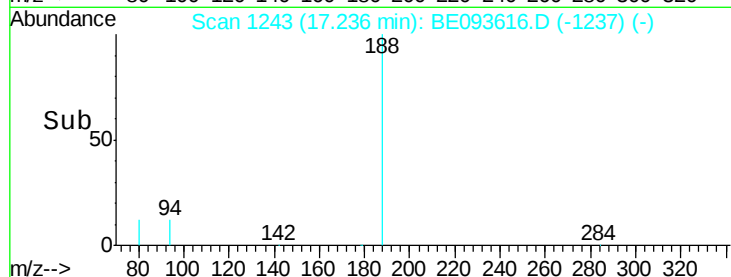
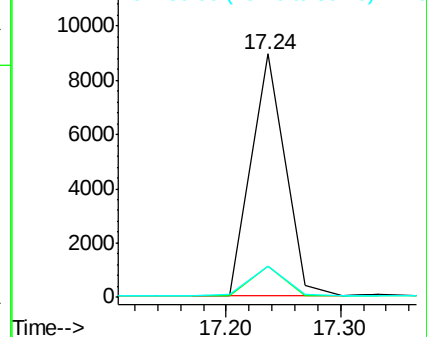
80 12.9 11.7 17.5



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: 1.073 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

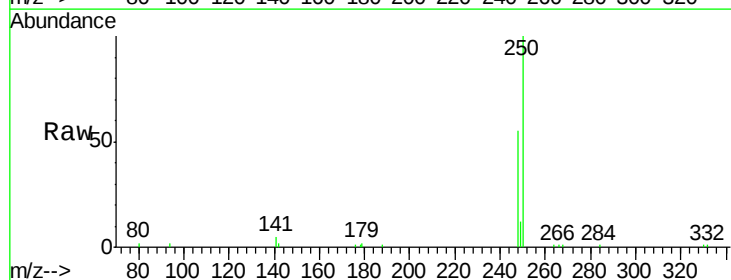
Tgt Ion:248 Resp: 7630

Ion Ratio Lower Upper

248 100

250 182.9 128.0 192.0

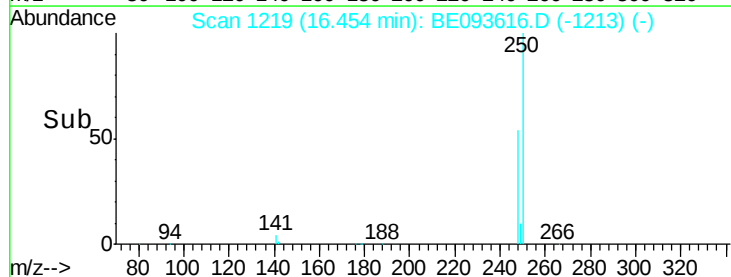
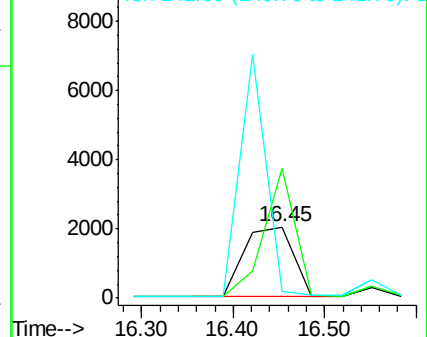
141 9.6 12.0 18.0#

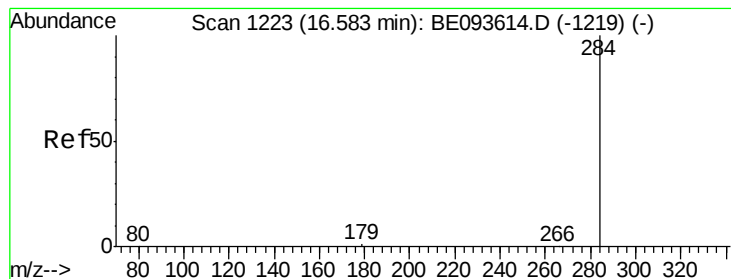


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.184 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

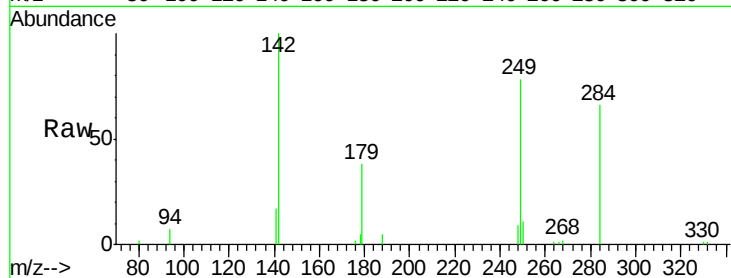
Tgt Ion:284 Resp: 8101

Ion Ratio Lower Upper

284 100

142 79.8 0.0 0.0#

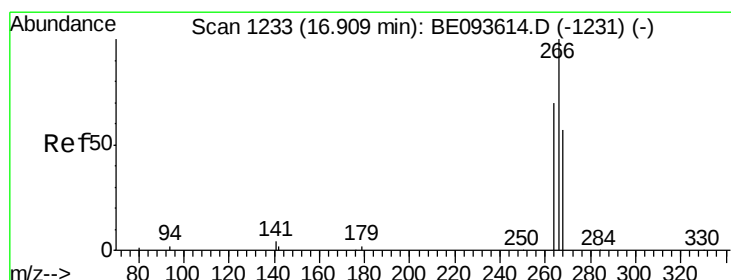
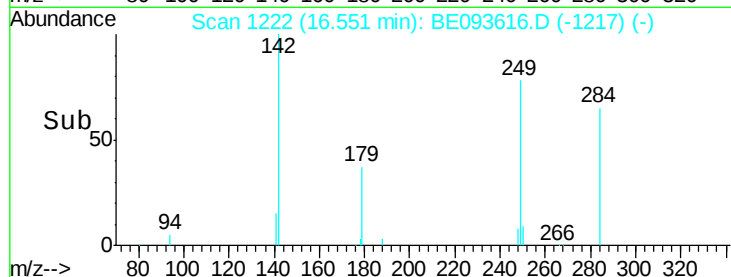
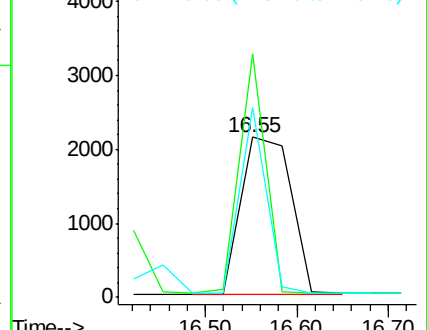
249 62.8 0.0 0.0#



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: 1.165 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

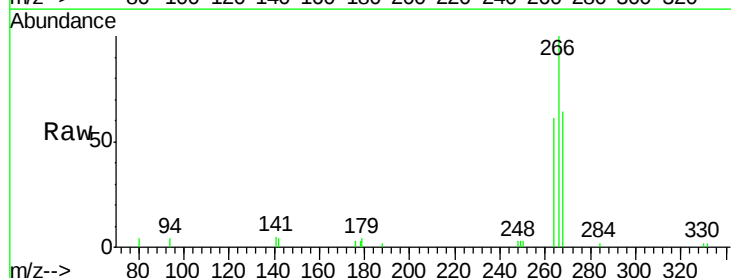
Tgt Ion:266 Resp: 4653

Ion Ratio Lower Upper

266 100

264 60.9 56.0 84.0

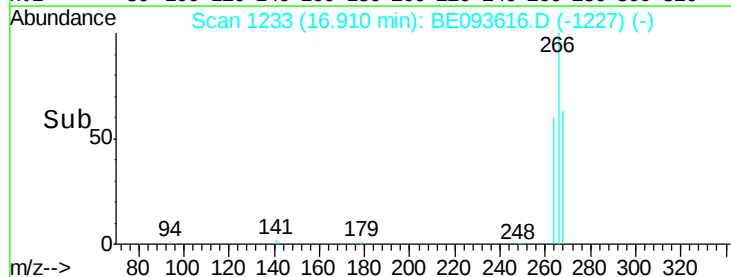
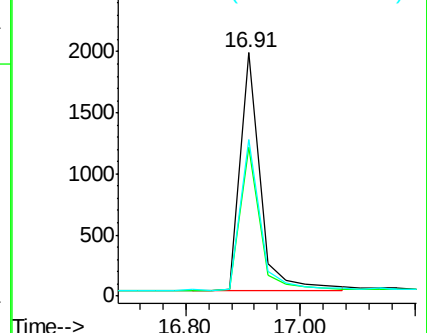
268 64.4 52.0 78.0

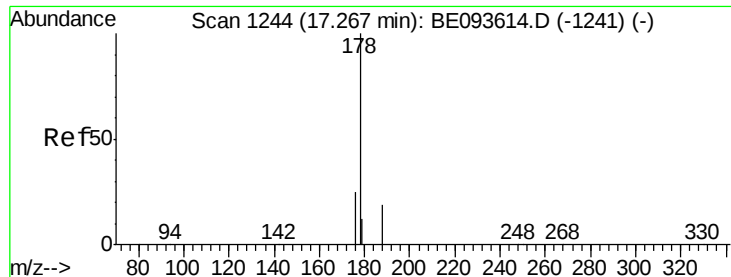


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.481 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

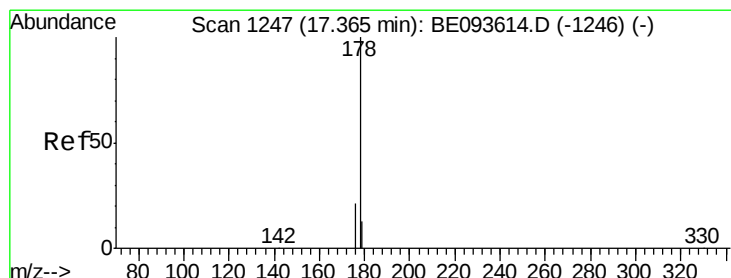
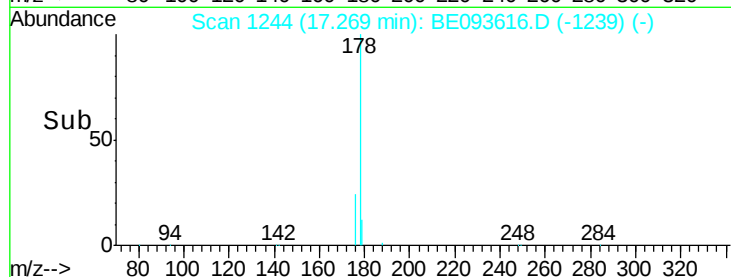
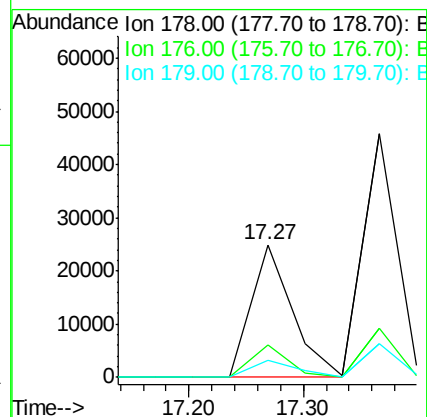
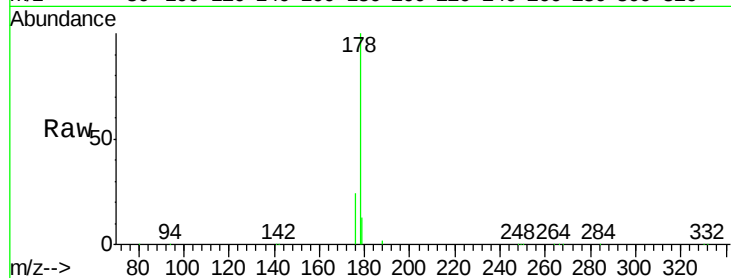
Tgt Ion:178 Resp: 61283

Ion Ratio Lower Upper

178 100

176 21.6 15.0 22.4

179 0.0 12.7 19.1#



#24

Anthracene

Concen: 1.479 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

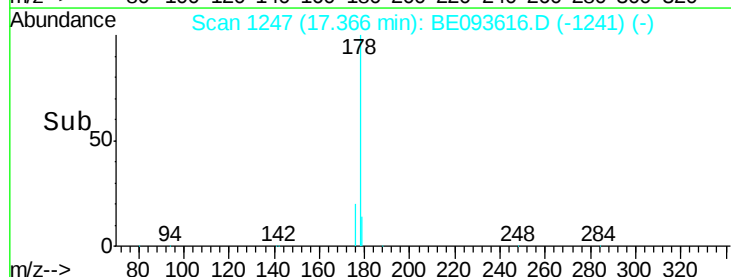
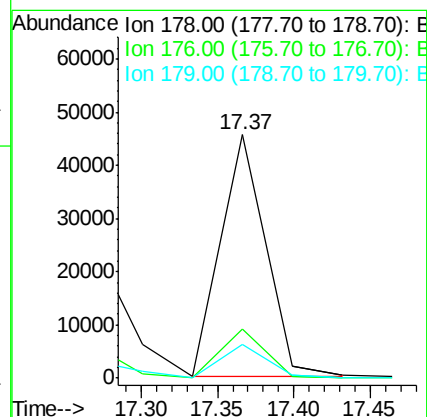
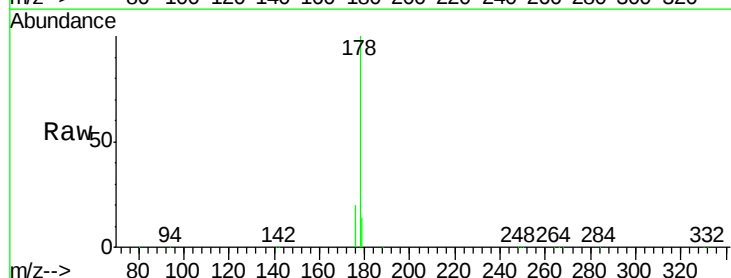
Tgt Ion:178 Resp: 93626

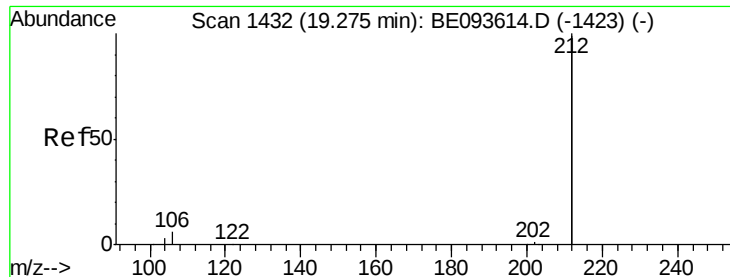
Ion Ratio Lower Upper

178 100

176 19.6 14.6 22.0

179 23.1 12.0 18.0#





#25

Fluoranthene-d10

Concen: 1.104 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

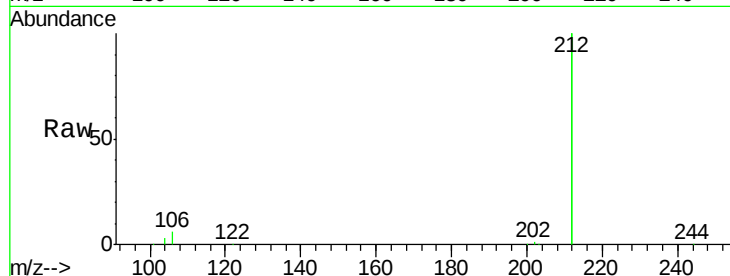
Tgt Ion:212 Resp: 320923

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

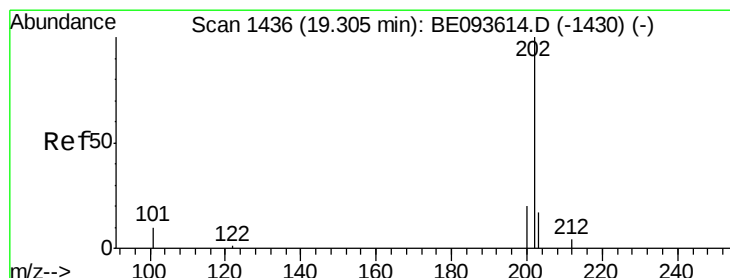
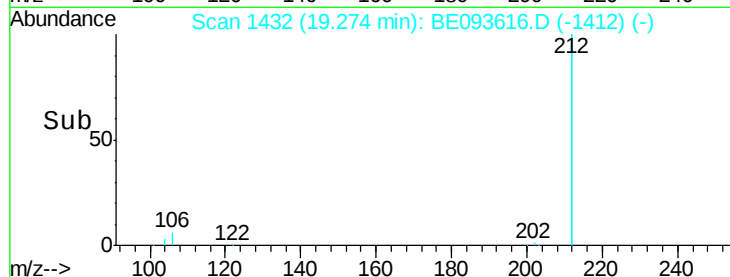
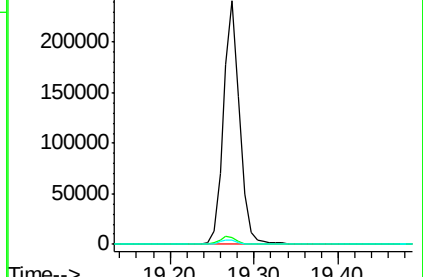
104 1.9 1.6 2.4



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: 1.134 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

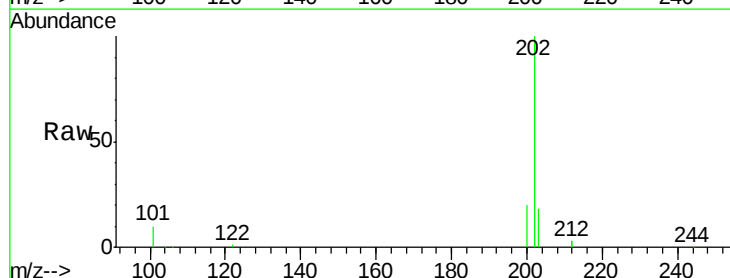
Tgt Ion:202 Resp: 100167

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

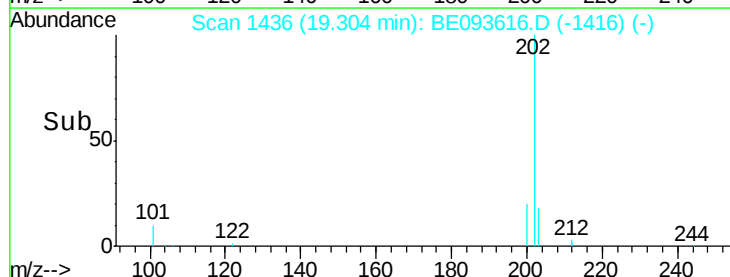
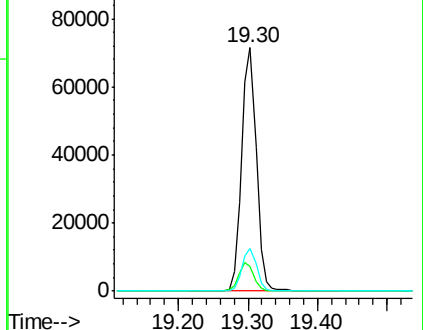
203 17.3 14.4 21.6

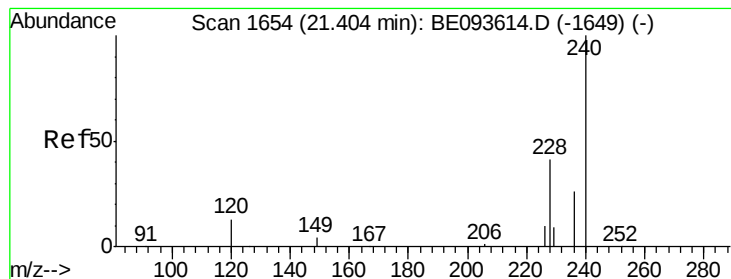


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

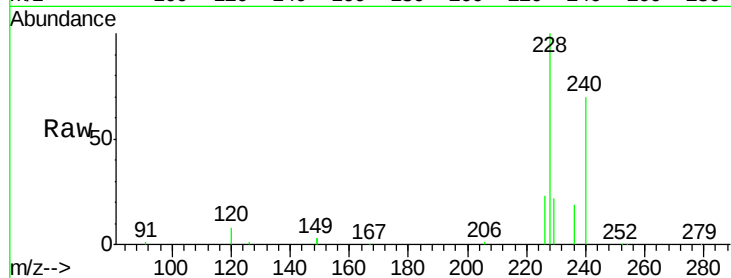
Tgt Ion:240 Resp: 19534

Ion Ratio Lower Upper

240 100

120 12.0 4.6 7.0#

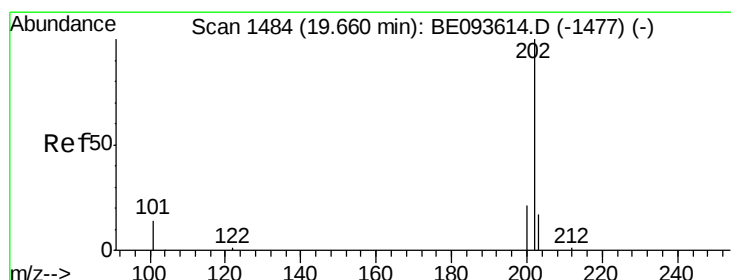
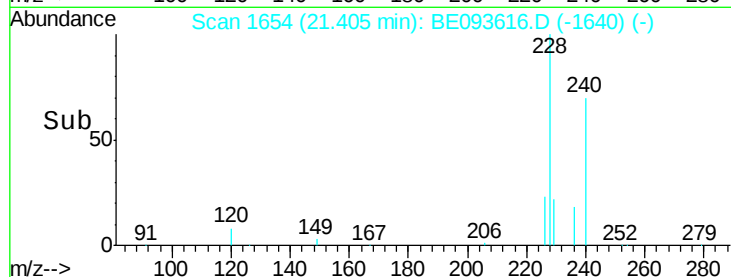
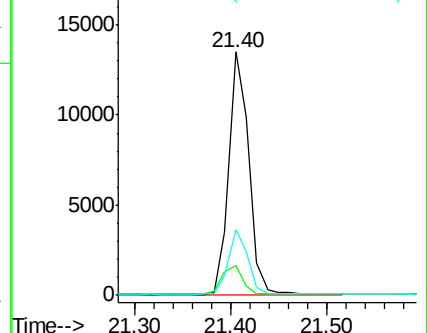
236 26.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.594 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

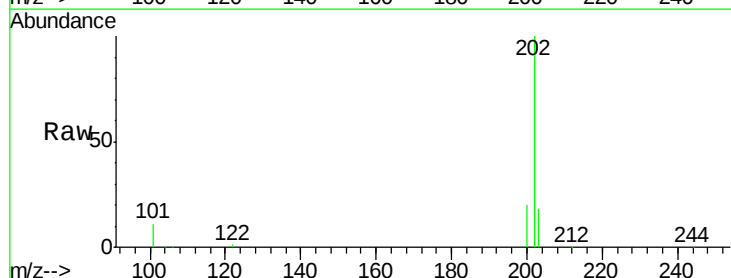
Tgt Ion:202 Resp: 100927

Ion Ratio Lower Upper

202 100

200 20.7 0.0 0.0#

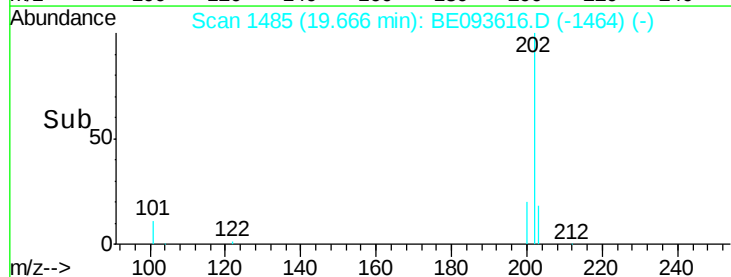
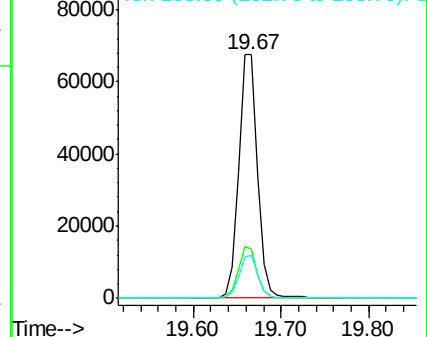
203 17.6 13.7 20.5

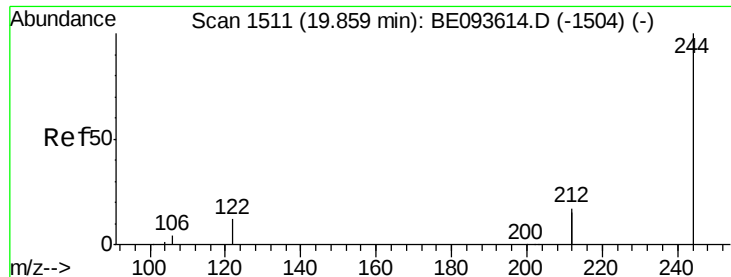


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.569 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

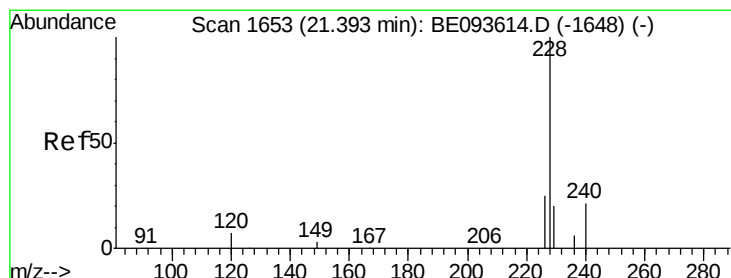
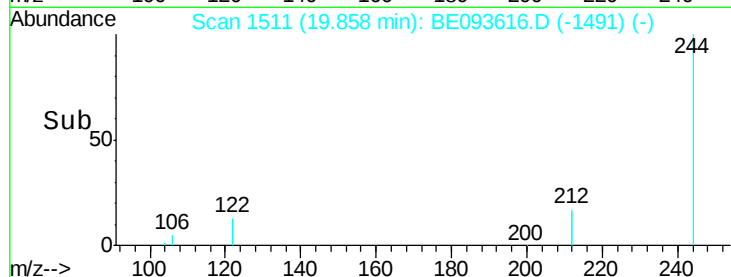
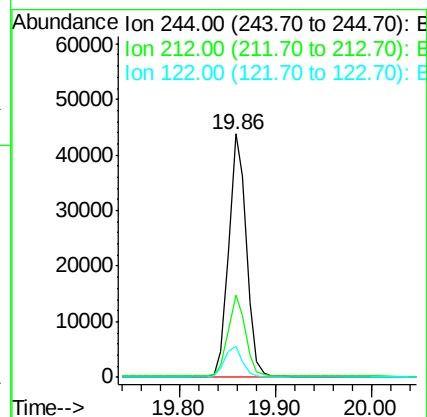
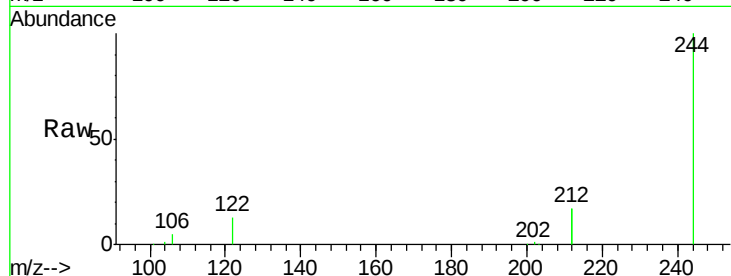
Tgt Ion:244 Resp: 55769

Ion Ratio Lower Upper

244 100

212 33.6 10.6 16.0#

122 12.8 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 1.511 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

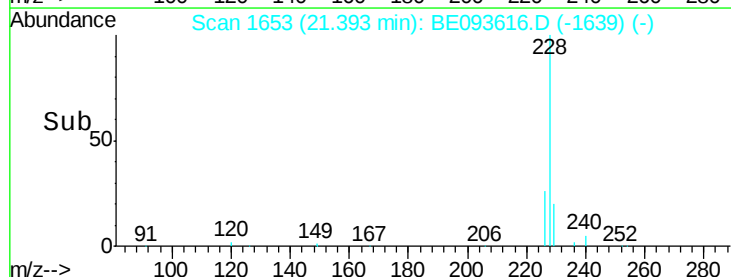
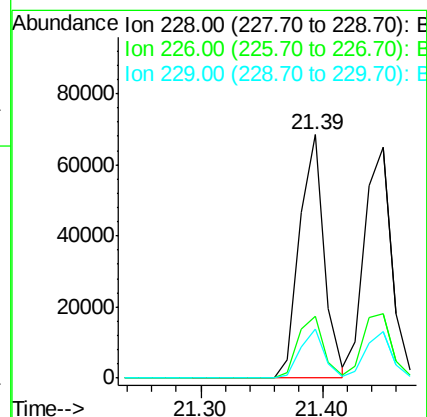
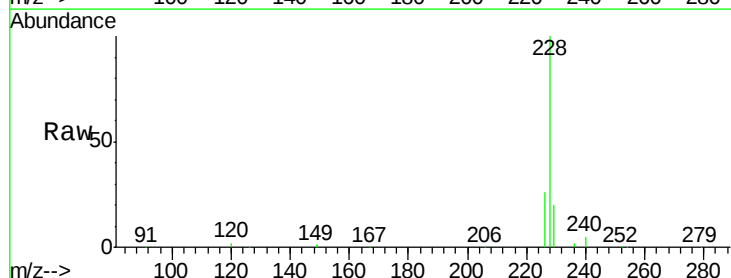
Tgt Ion:228 Resp: 94957

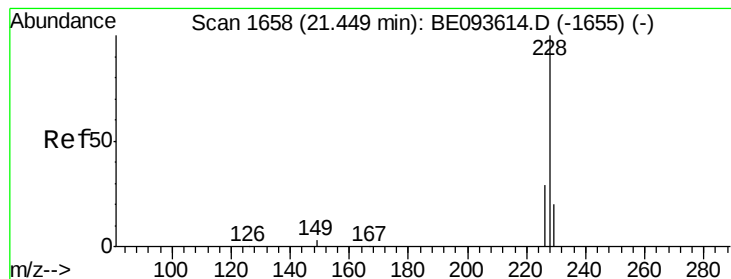
Ion Ratio Lower Upper

228 100

226 25.6 19.7 29.5

229 20.3 19.2 28.8





#31

Chrysene

Concen: 1.623 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

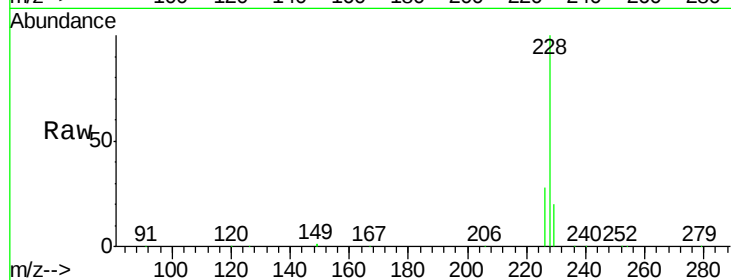
Tgt Ion:228 Resp: 101097

Ion Ratio Lower Upper

228 100

226 27.9 21.5 32.3

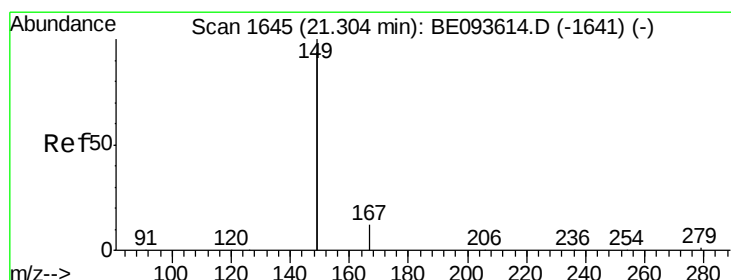
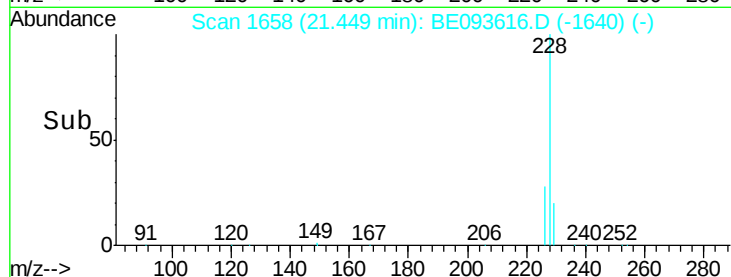
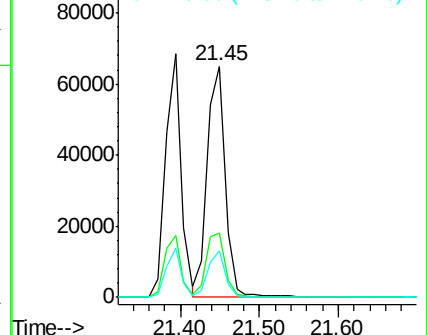
229 20.1 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.966 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

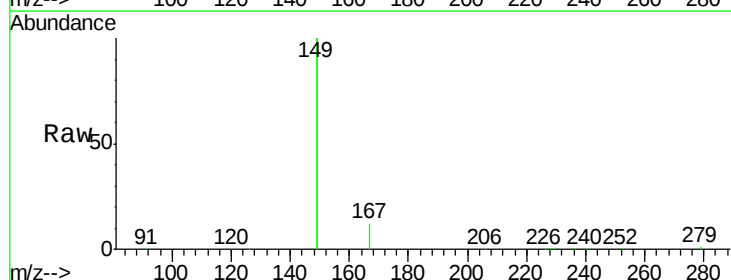
Tgt Ion:149 Resp: 131505

Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

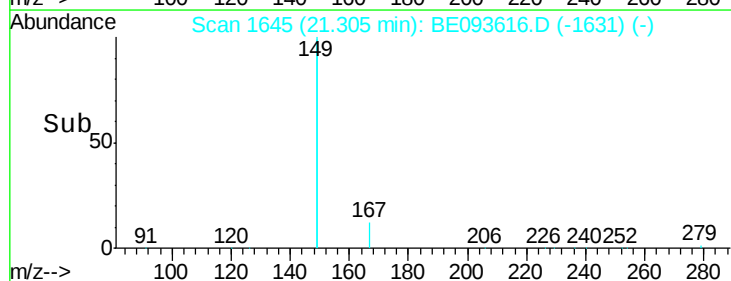
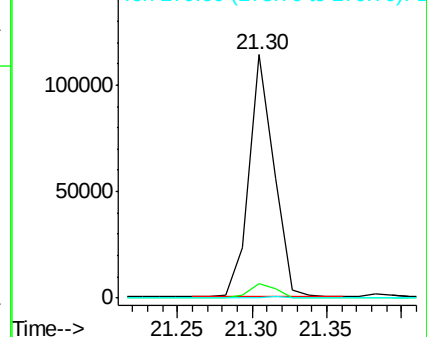
279 0.9 0.8 1.2

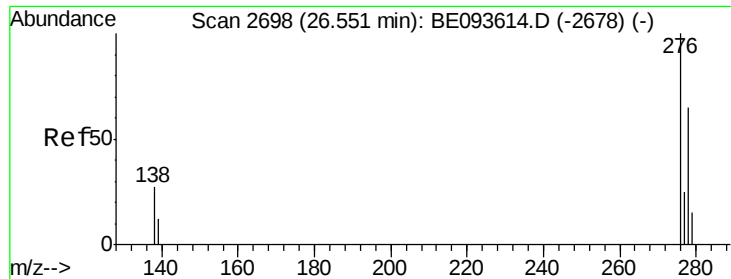


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.562 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

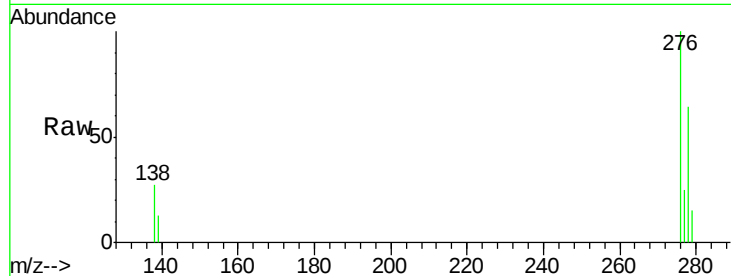
Tgt Ion:276 Resp: 91996

Ion Ratio Lower Upper

276 100

138 28.1 27.4 41.2

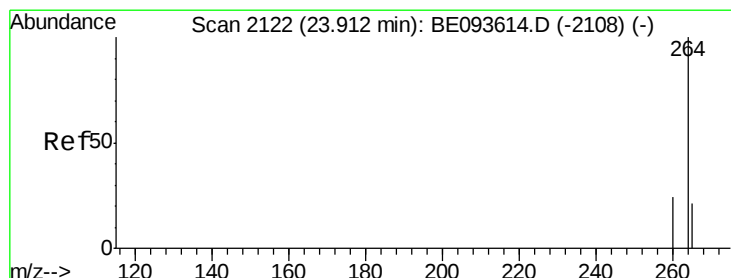
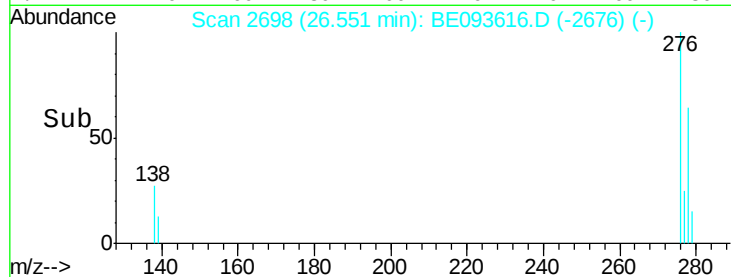
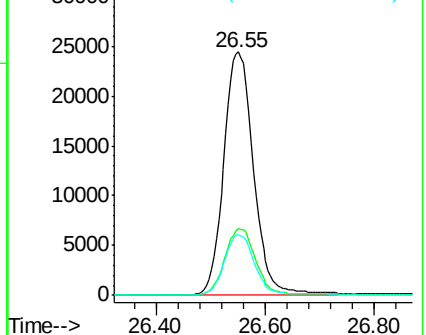
277 25.1 20.1 30.1



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: 23.91 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

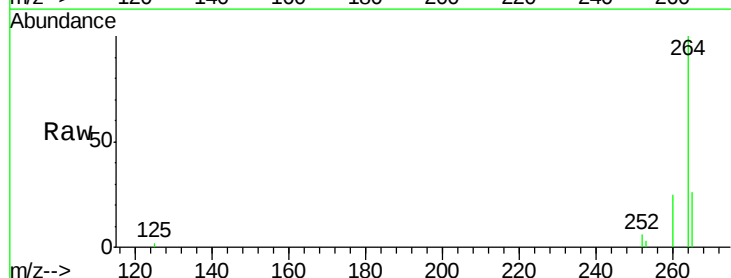
Tgt Ion:264 Resp: 15454

Ion Ratio Lower Upper

264 100

260 24.6 21.0 31.4

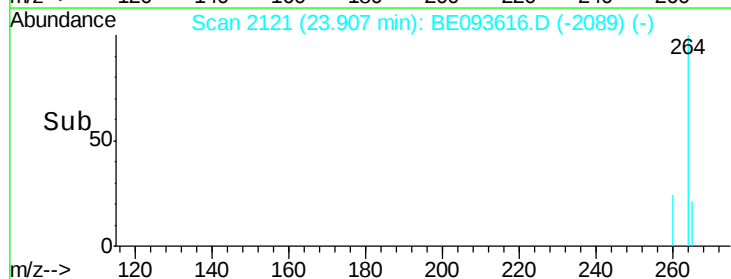
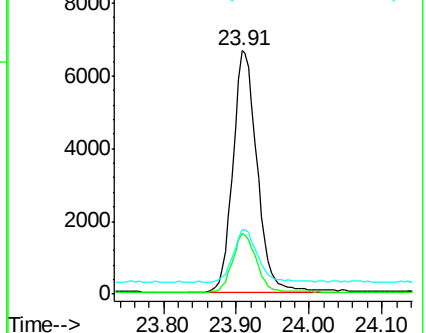
265 26.2 24.6 36.8

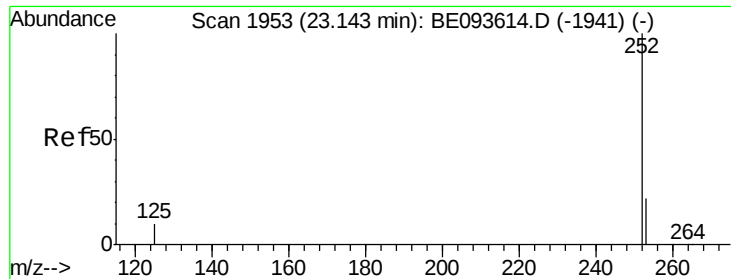


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.674 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

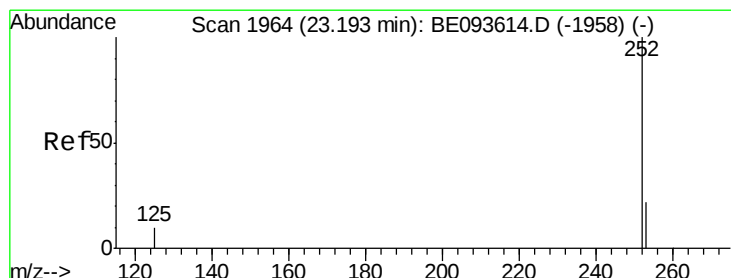
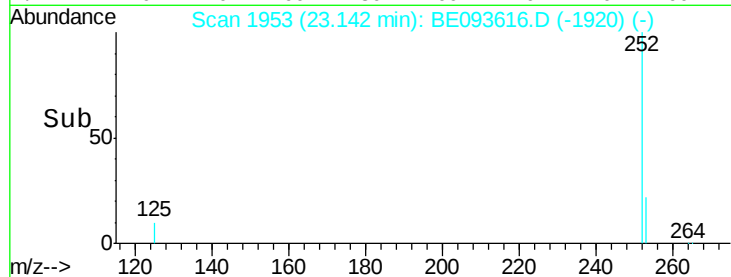
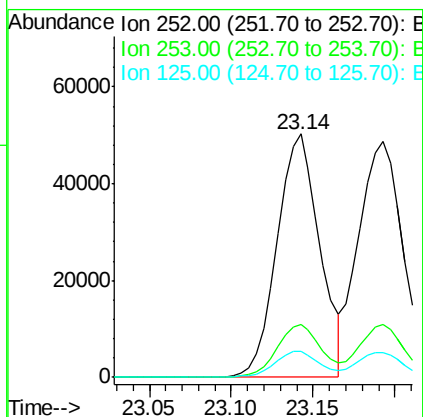
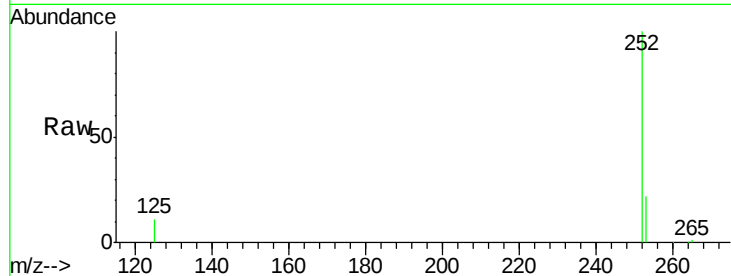
Tgt Ion:252 Resp: 90851

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

125 10.7 13.4 20.0#



#36

Benzo(k)fluoranthene

Concen: 1.746 ng

RT: 23.19 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

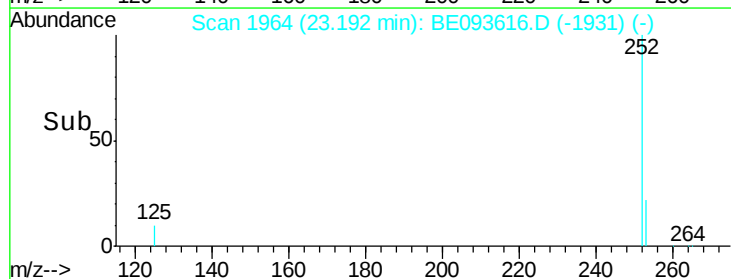
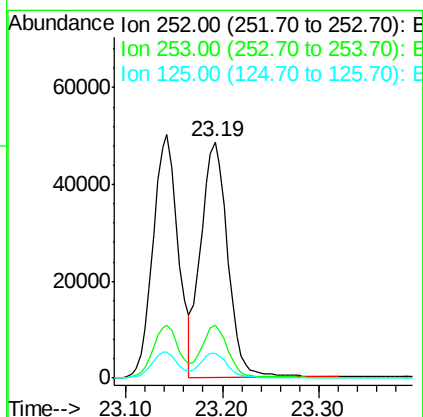
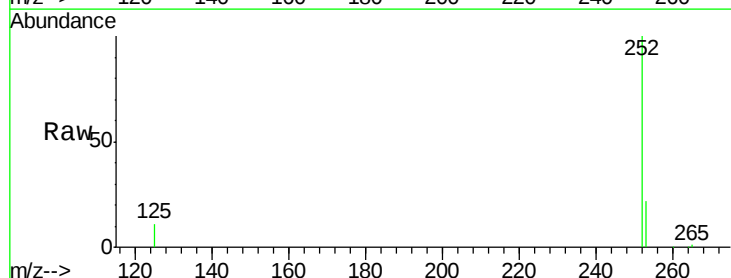
Tgt Ion:252 Resp: 93621

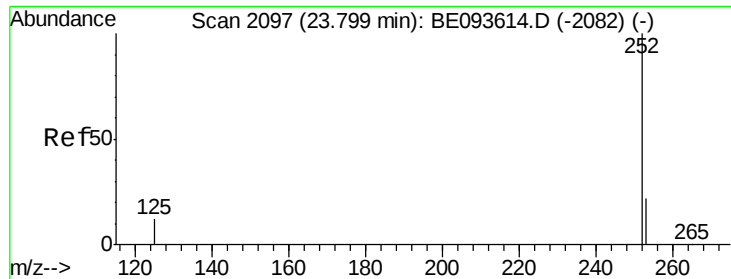
Ion Ratio Lower Upper

252 100

253 22.3 20.3 30.5

125 10.6 12.2 18.4#





#37

Benzo(a)pyrene

Concen: 1.651 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

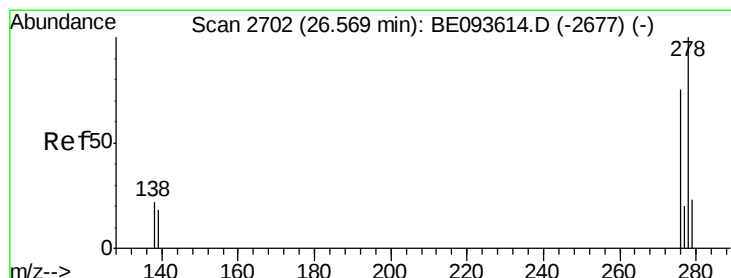
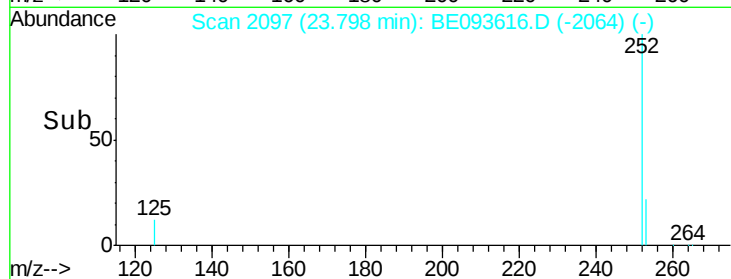
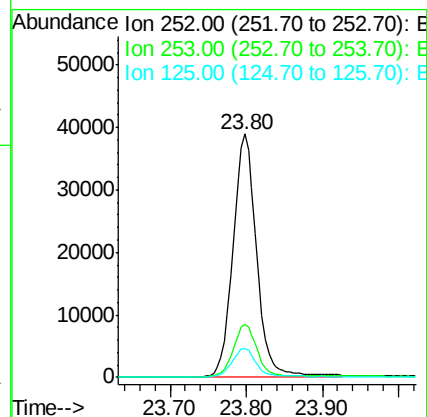
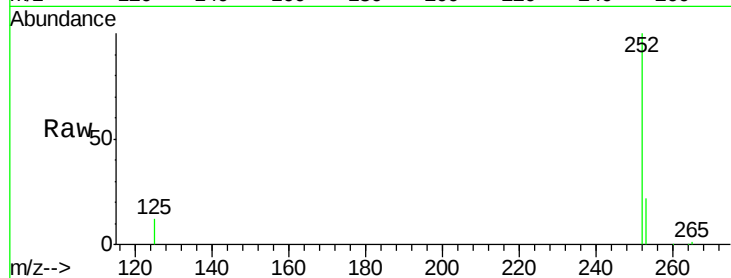
Tgt Ion:252 Resp: 83314

Ion Ratio Lower Upper

252 100

253 21.9 19.9 29.9

125 12.0 14.6 21.8#



#38

Dibenzo(a,h)anthracene

Concen: 1.675 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093616.D

Acq: 1 Aug 2017 14:50

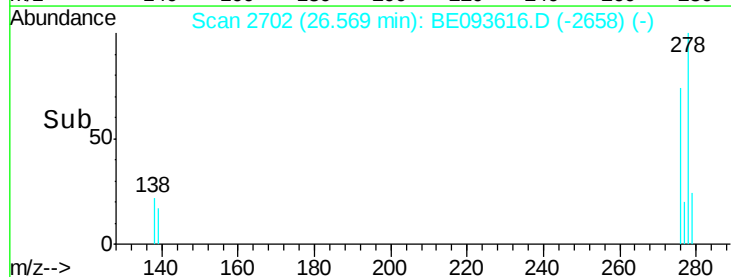
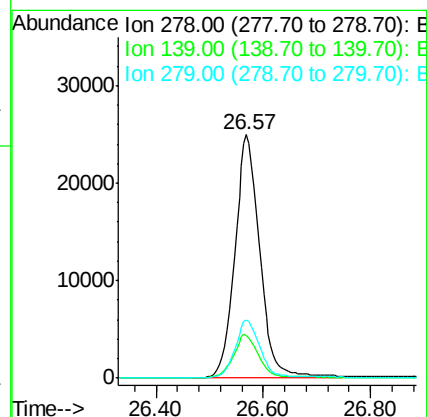
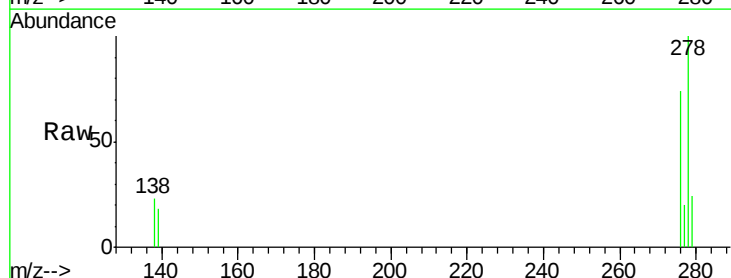
Tgt Ion:278 Resp: 79891

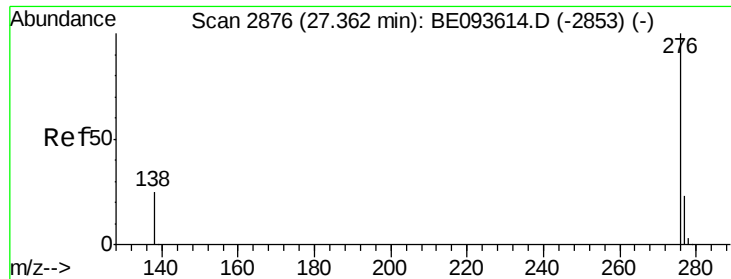
Ion Ratio Lower Upper

278 100

139 17.6 21.4 32.0#

279 24.1 22.2 33.2





#39

Benzo(g,h,i)perylene

Concen: 1.667 ng

RT: 27.36 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE093616.D

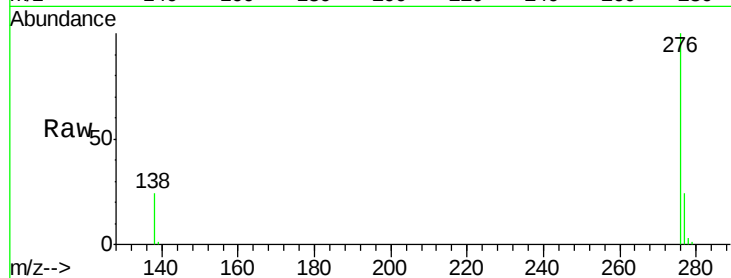
Acq: 1 Aug 2017 14:50

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



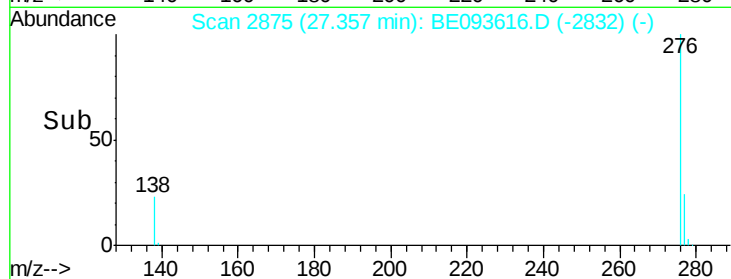
Tgt Ion: 276 Resp: 79815

Ion Ratio Lower Upper

276 100

277 23.7 21.2 31.8

138 23.6 24.5 36.7#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

