

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
 Data File : BE093884.D
 Acq On : 26 Aug 2017 10:57
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Aug 28 02:06:44 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	1923	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10037	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5432	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13280	0.40	ng	0.00
27) Chrysene-d12	21.42	240	12527	0.40	ng	0.00
34) Perylene-d12	23.93	264	10246	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	4859	0.79	ng	0.00
5) Phenol-d6	7.10	99	7398	0.79	ng	0.00
8) Nitrobenzene-d5	9.06	82	6720	0.79	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	12759	0.79	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1054	0.72	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	17423	0.82	ng	-0.01
25) Fluoranthene-d10	19.27	212	108677	0.72	ng	0.00
29) Terphenyl-d14	19.87	244	18168	0.81	ng	0.00

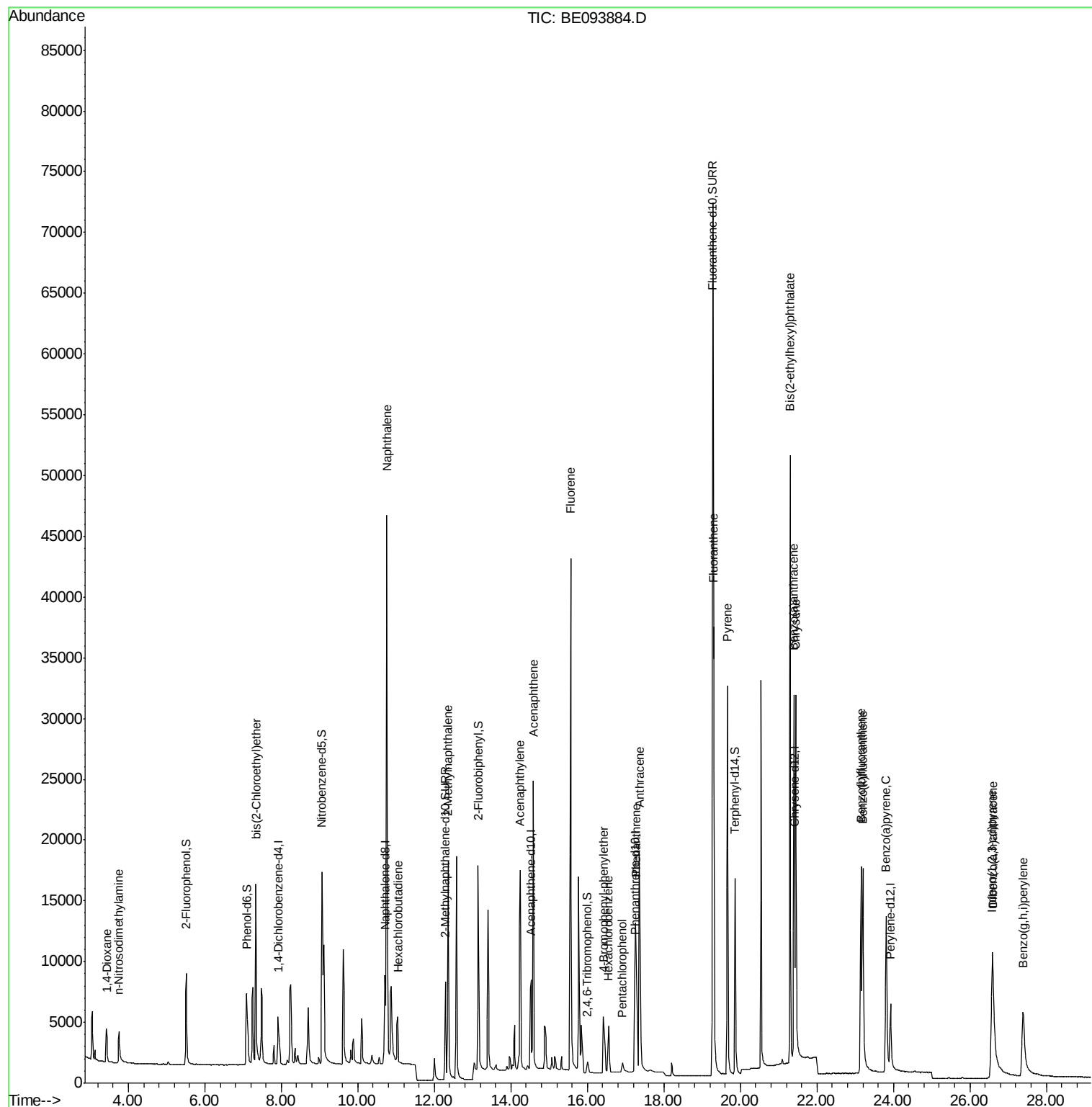
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1933	0.677	ng	92
3) n-Nitrosodimethylamine	3.74	42	2485	0.843	ng	# 98
6) bis(2-Chloroethyl)ether	7.34	93	5847	0.802	ng	96
9) Naphthalene	10.76	128	90851	0.791	ng	100
10) Hexachlorobutadiene	11.04	225	3212	0.762	ng	99
12) 2-Methylnaphthalene	12.36	142	15170	0.786	ng	100
16) Acenaphthylene	14.24	152	22108	0.816	ng	99
17) Acenaphthene	14.59	154	14585	0.800	ng	99
18) Fluorene	15.56	166	18545	0.786	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	3538	0.871	ng	# 1
21) Hexachlorobenzene	16.55	284	3151	0.760	ng	# 100
22) Pentachlorophenol	16.91	266	1363	0.523	ng	# 85
23) Phenanthrene	17.27	178	23463	0.806	ng	# 63
24) Anthracene	17.37	178	29193	0.706	ng	# 100
26) Fluoranthene	19.30	202	32780	0.708	ng	100
28) Pyrene	19.67	202	33914	0.827	ng	99
30) Benzo(a)anthracene	21.39	228	30115	0.771	ng	98
31) Chrysene	21.45	228	32205	0.795	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	58079	0.703	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	21997	0.596	ng	98
35) Benzo(b)fluoranthene	23.15	252	26152	0.757	ng	97
36) Benzo(k)fluoranthene	23.20	252	30200	0.832	ng	99
37) Benzo(a)pyrene	23.81	252	25892	0.784	ng	96
38) Dibenzo(a,h)anthracene	26.60	278	18655	0.625	ng	97
39) Benzo(g,h,i)perylene	27.39	276	19789	0.655	ng	97

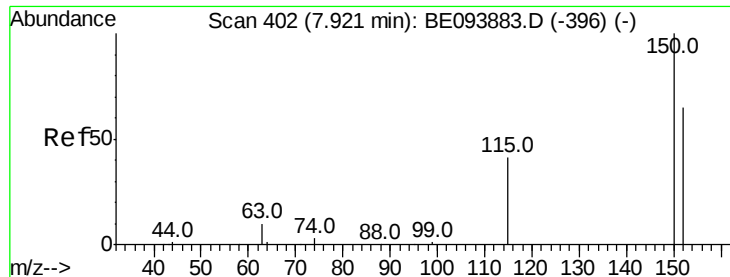
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

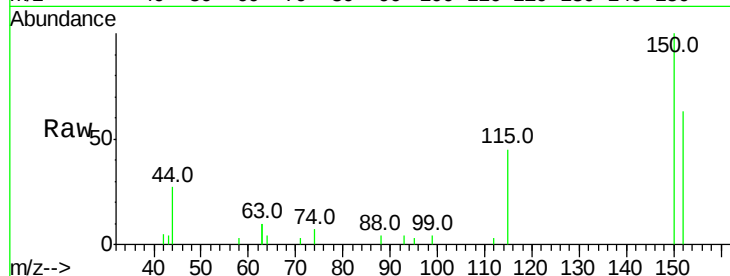
Tot Ion:152 Resp: 1923

Ion Ratio Lower Upper

152 100

150 157.6 121.8 182.6

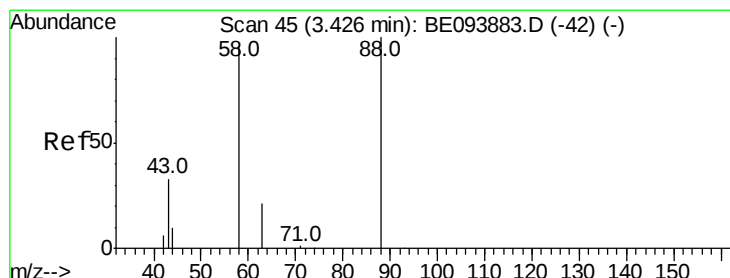
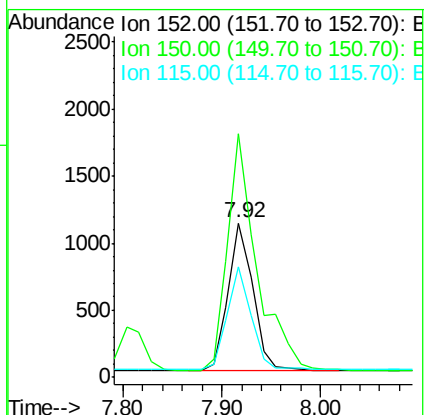
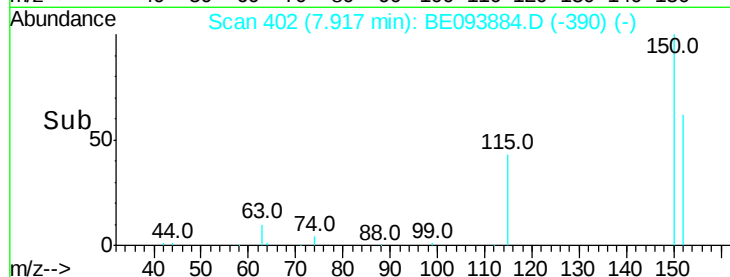
115 71.4 52.6 79.0



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: 0.677 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

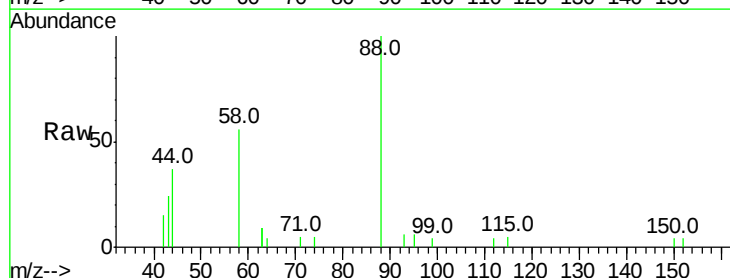
Tgt Ion: 88 Resp: 1933

Ion Ratio Lower Upper

88 100

58 91.2 65.4 98.0

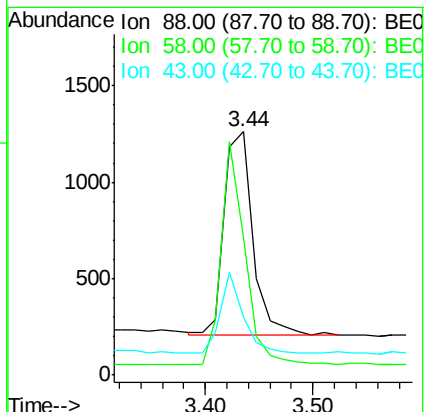
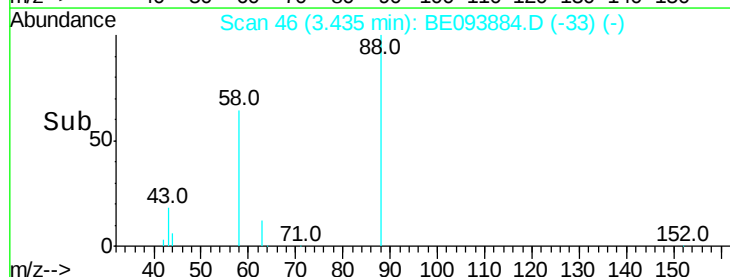
43 31.4 23.9 35.9

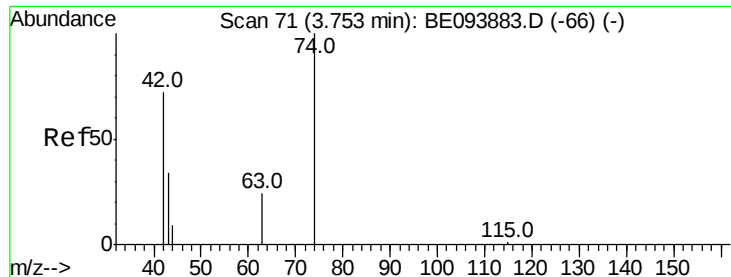


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.843 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

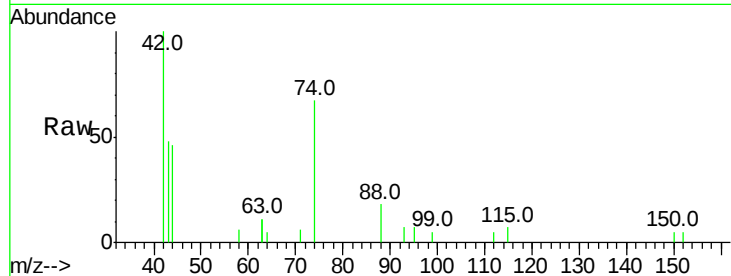
Tot Ion: 42 Resp: 2485

Ion Ratio Lower Upper

42 100

74 128.8 104.0 156.0

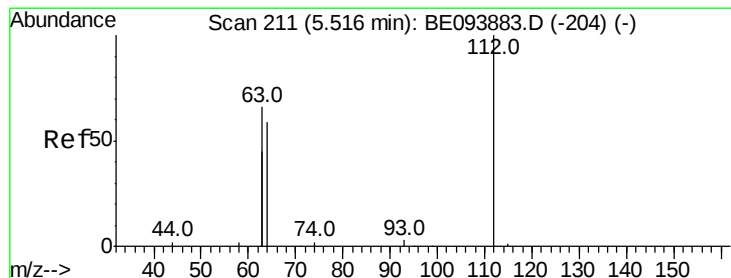
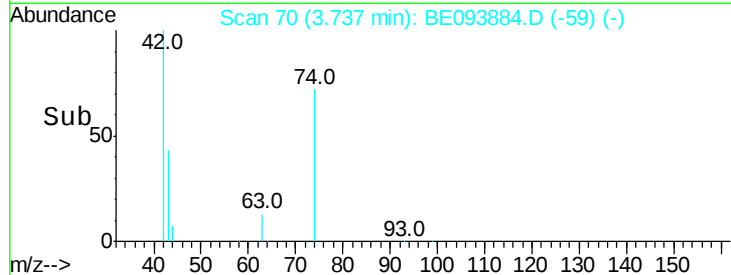
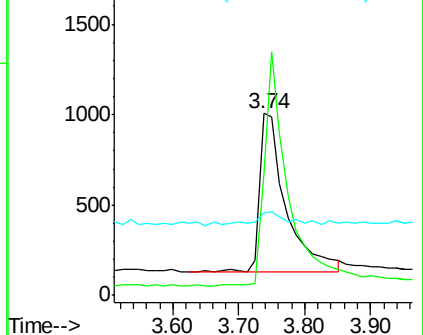
44 12.6 13.8 20.8#



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: 0.788 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

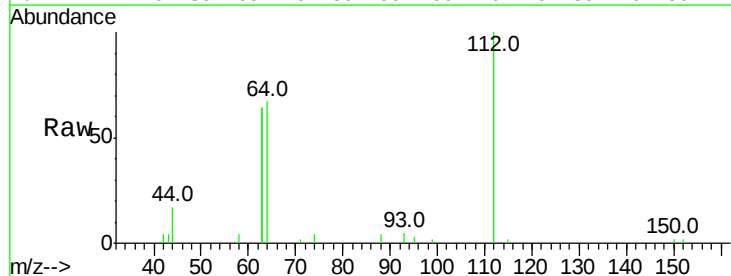
Tgt Ion: 112 Resp: 4859

Ion Ratio Lower Upper

112 100

64 72.8 57.7 86.5

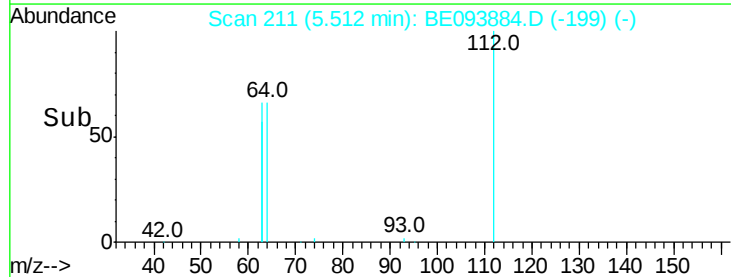
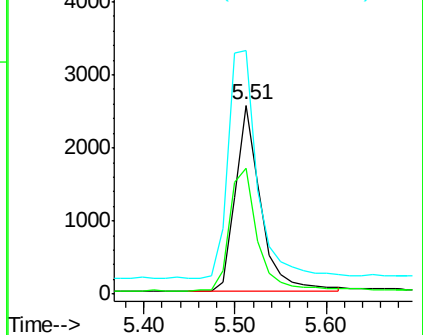
63 142.8 116.0 174.0

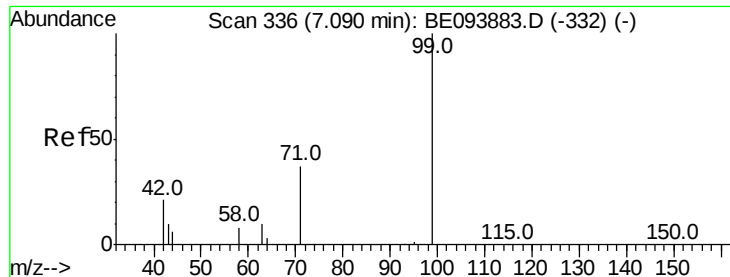


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.787 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

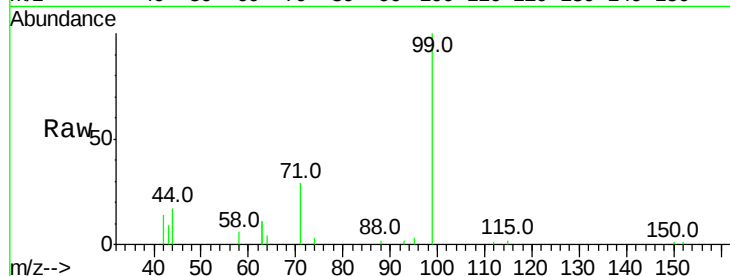
Tot Ion: 99 Resp: 7398

Ion Ratio Lower Upper

99 100

42 20.6 17.1 25.7

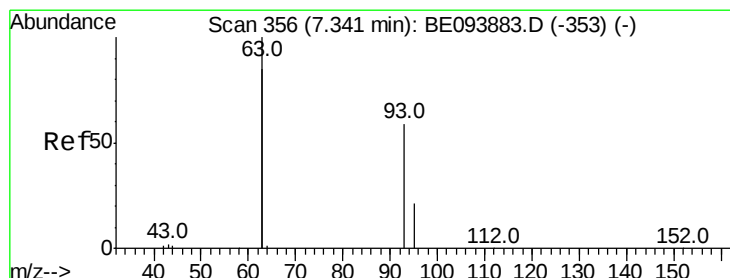
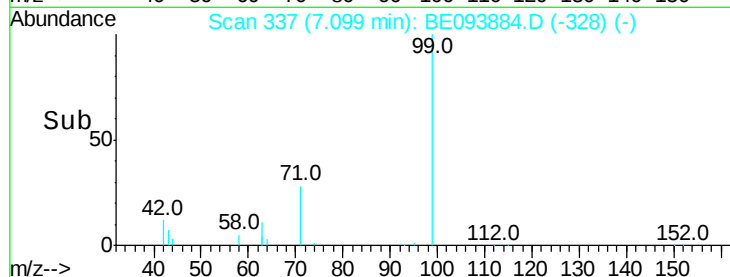
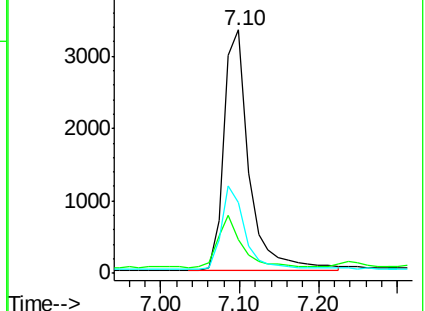
71 33.7 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.802 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

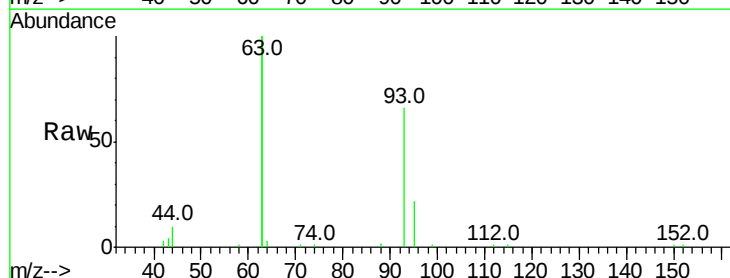
Tgt Ion: 93 Resp: 5847

Ion Ratio Lower Upper

93 100

63 345.4 283.4 425.2

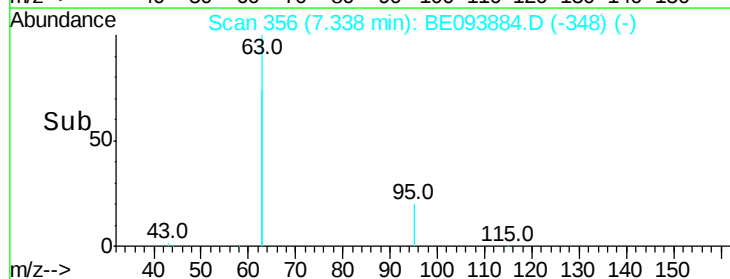
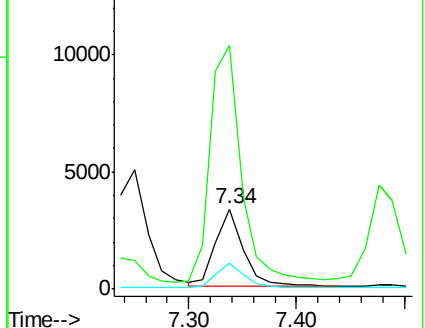
95 32.3 26.9 40.3

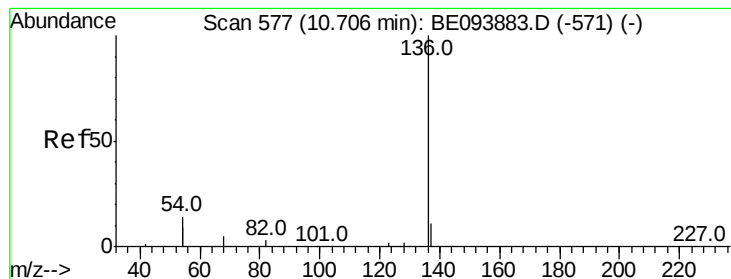


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 10037

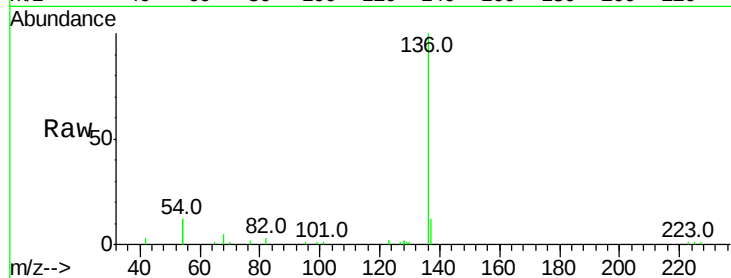
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 23.8 21.9 32.9

68 4.9 4.6 7.0

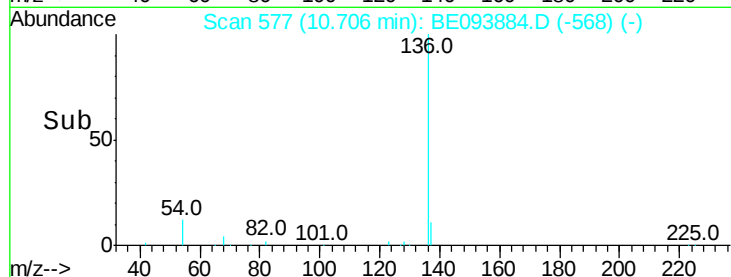


Abundance Ion 136.00 (135.70 to 136.70): E

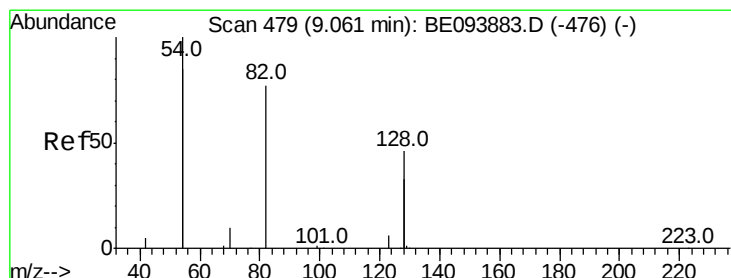
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.785 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

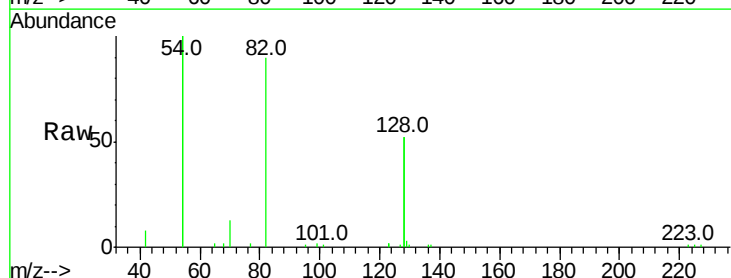
Tgt Ion: 82 Resp: 6720

Ion Ratio Lower Upper

82 100

128 115.6 91.4 137.0

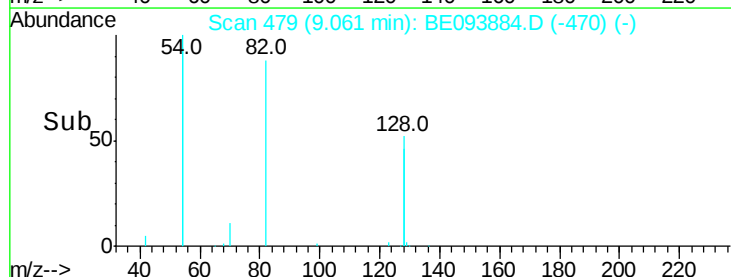
54 223.4 197.8 296.8



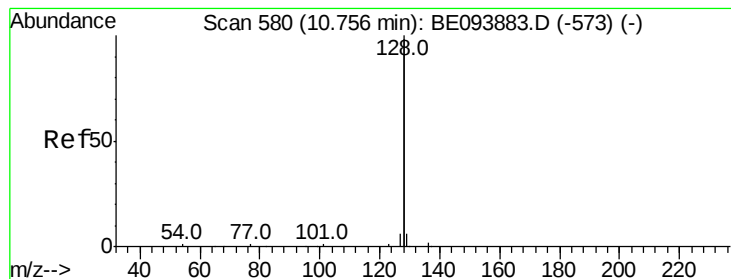
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.791 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampled :

SSTDIC0.8

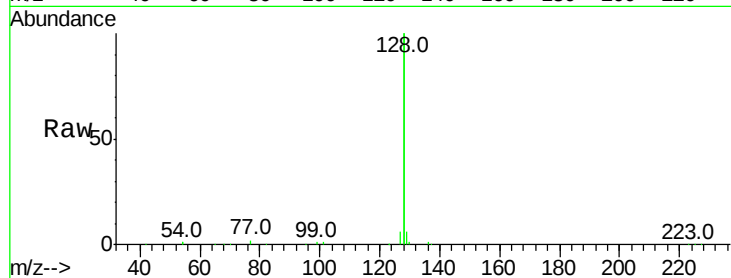
Tot Ion:128 Resp: 90851

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

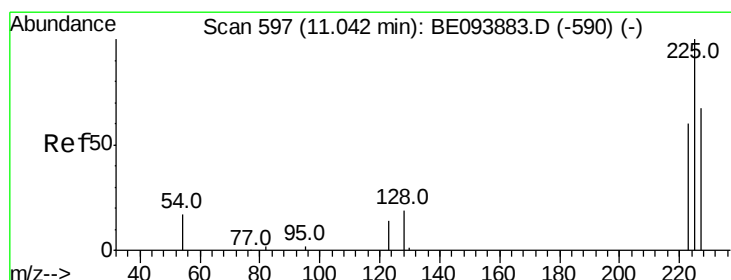
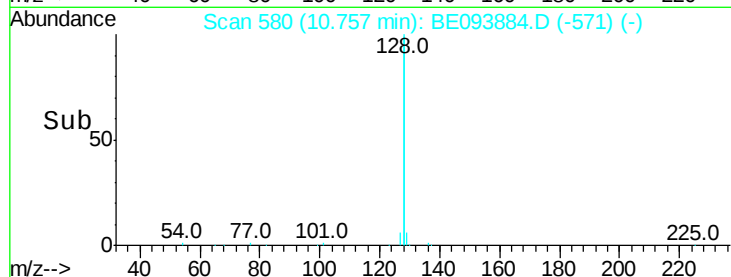
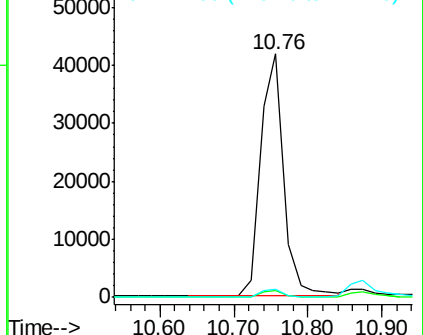
127 3.2 2.6 4.0



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: 0.762 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

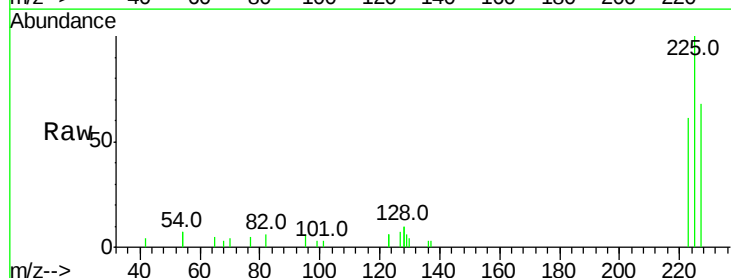
Tgt Ion:225 Resp: 3212

Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.0

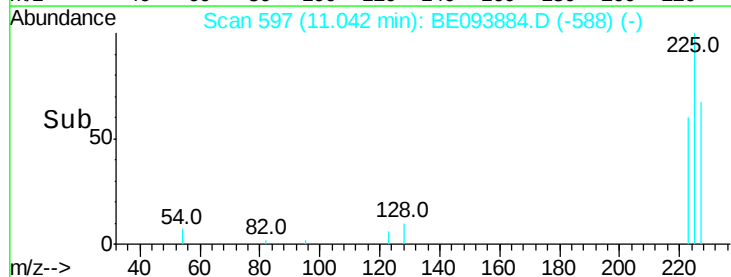
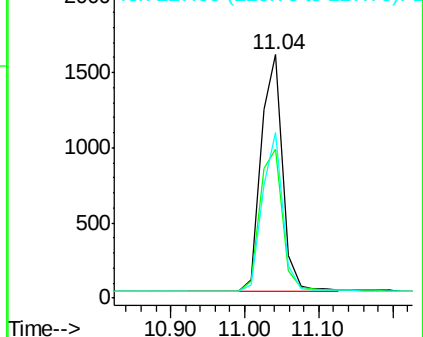
227 63.7 50.5 75.7

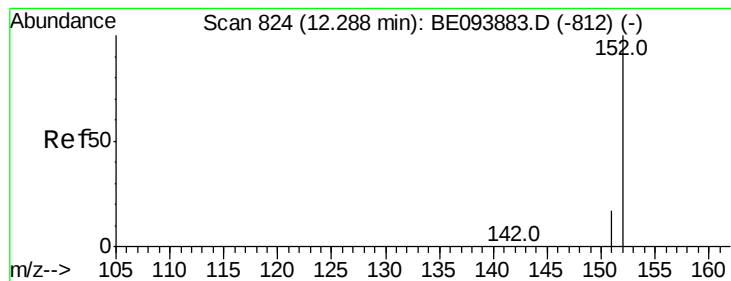


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.794 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

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ClientSampleId :

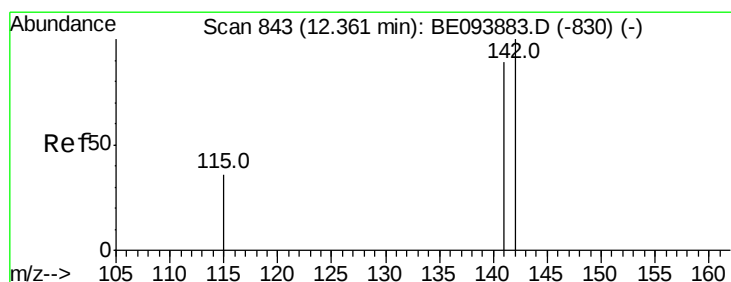
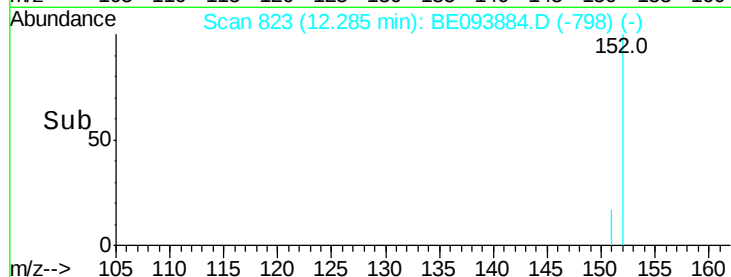
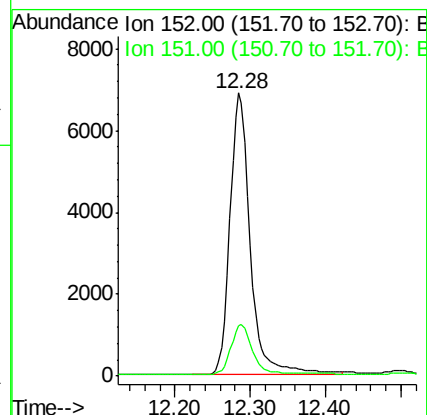
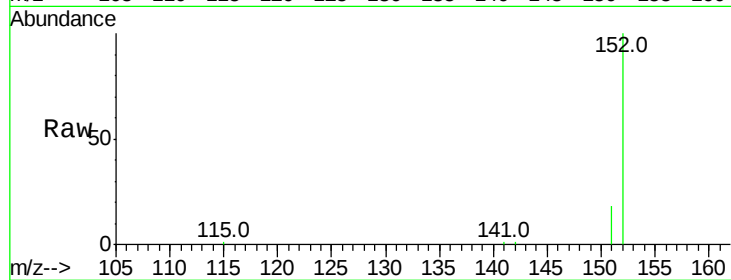
SSTDIC0.8

Tot Ion:152 Resp: 12759

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.786 ng

RT: 12.36 min Scan# 842

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

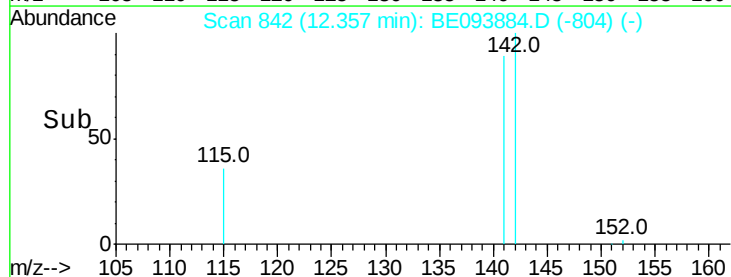
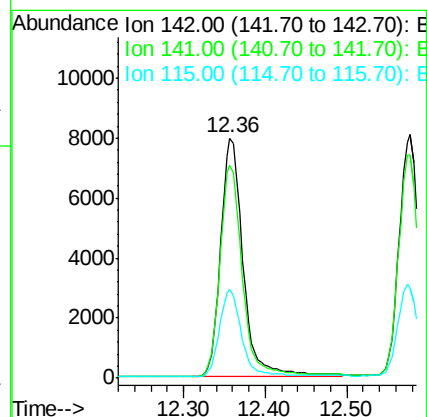
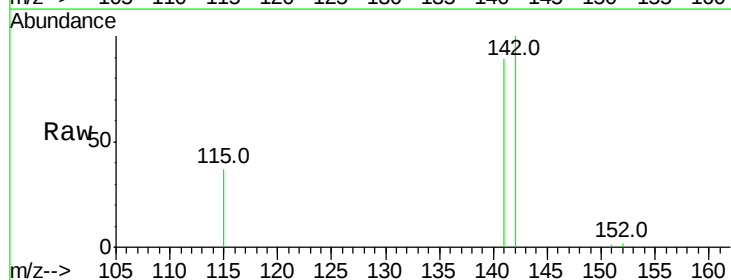
Tgt Ion:142 Resp: 15170

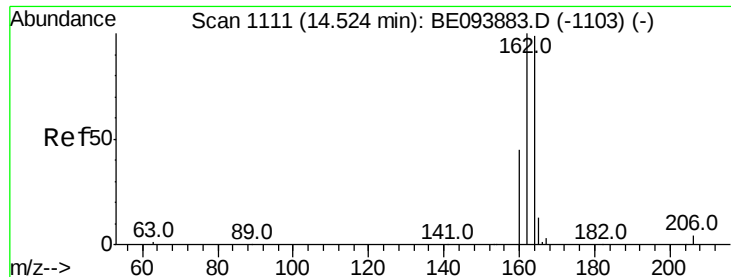
Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

115 36.9 29.4 44.0

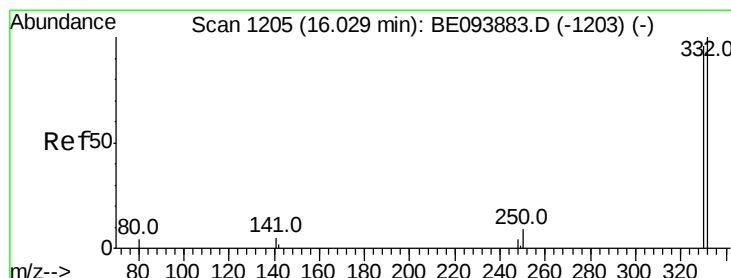
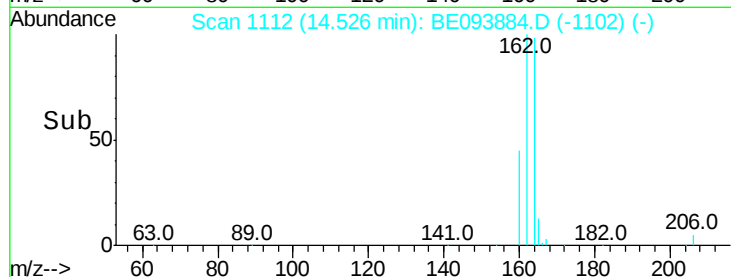
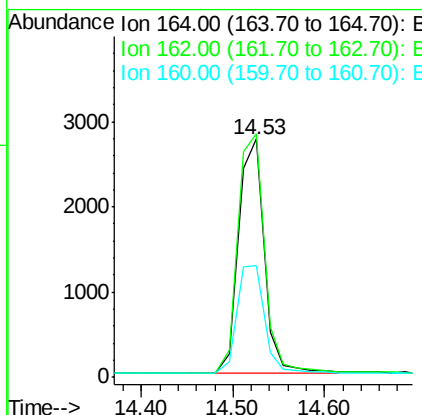
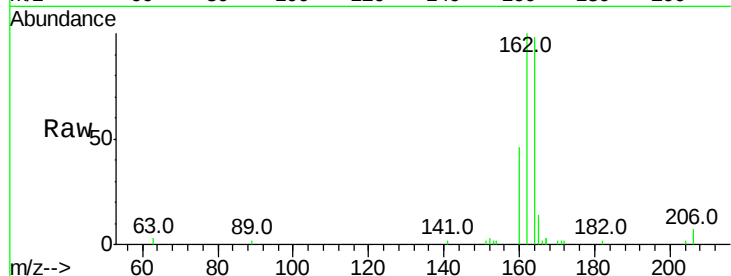




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093884.D
 Acq: 26 Aug 2017 10:57

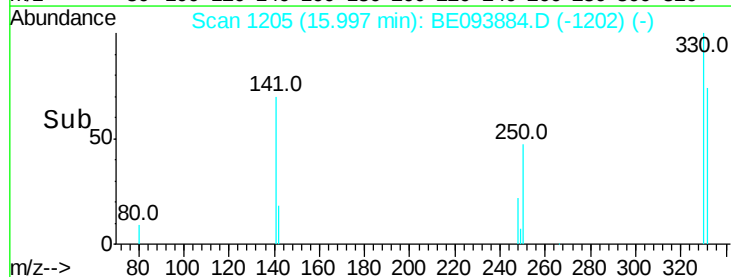
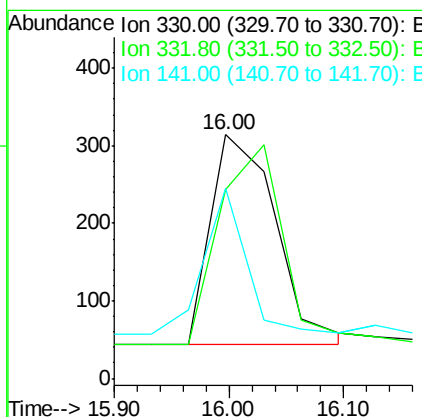
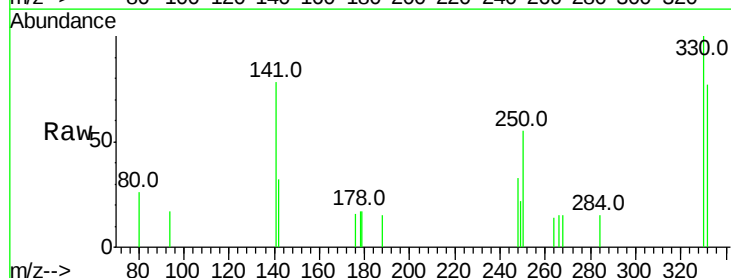
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

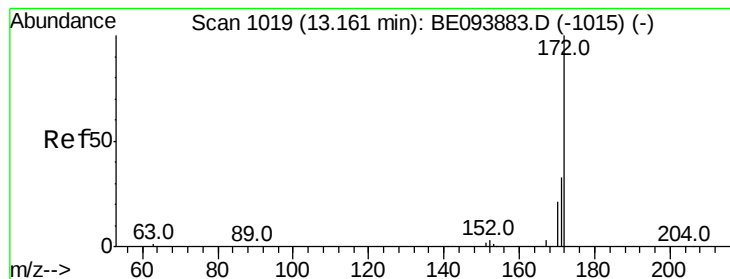
Tot Ion:164 Resp: 5432
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.8 121.2
 160 46.7 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.720 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE093884.D
 Acq: 26 Aug 2017 10:57

Tgt Ion:330 Resp: 1054
 Ion Ratio Lower Upper
 330 100
 332 0.0 76.9 115.3#
 141 38.4 0.0 0.0#





#15

2-Fluorobiphenyl

Concen: 0.818 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

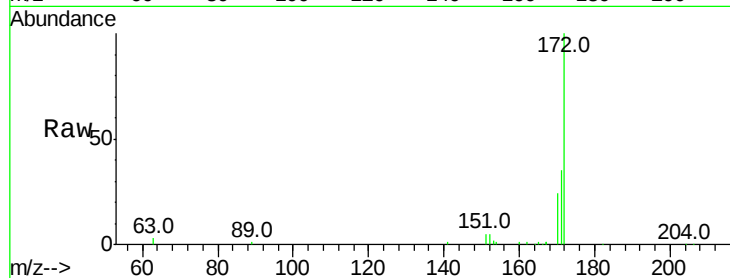
Tot Ion:172 Resp: 17423

Ion Ratio Lower Upper

172 100

171 35.2 26.9 40.3

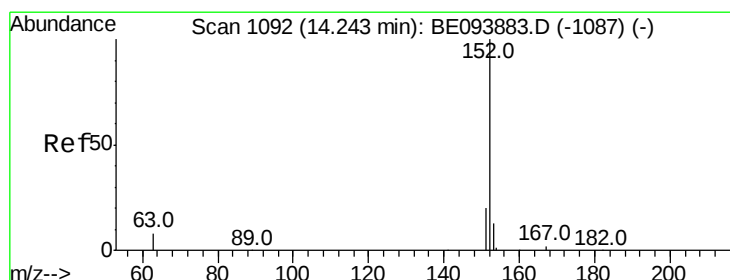
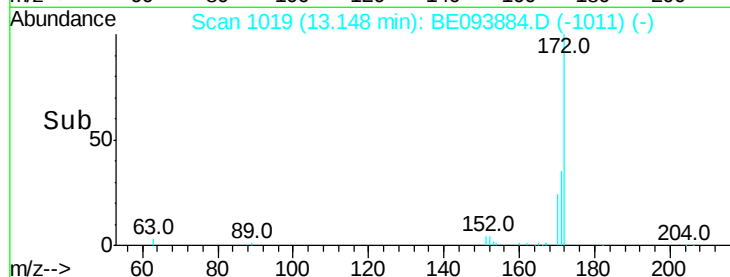
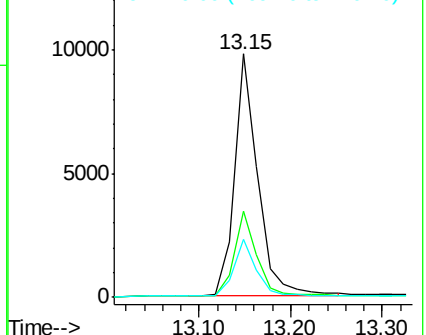
170 23.8 17.3 25.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.816 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

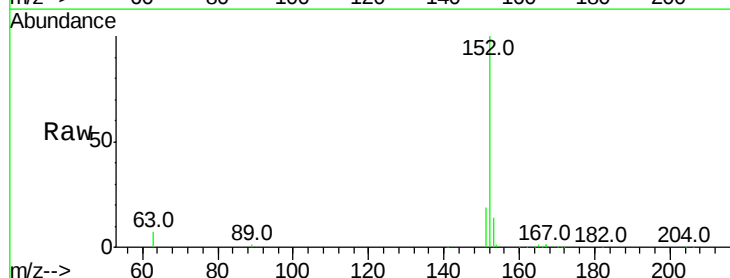
Tgt Ion:152 Resp: 22108

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

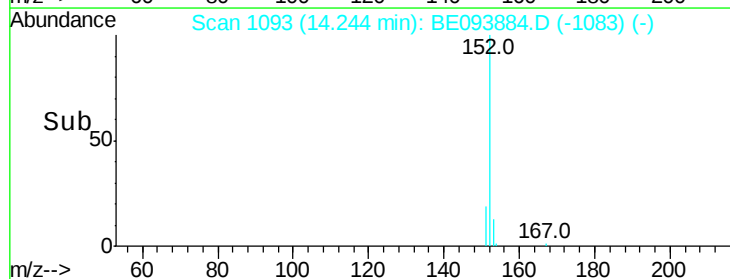
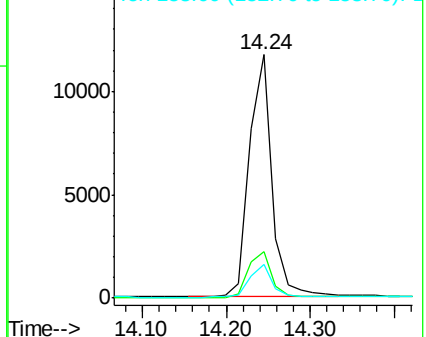
153 12.9 10.6 16.0

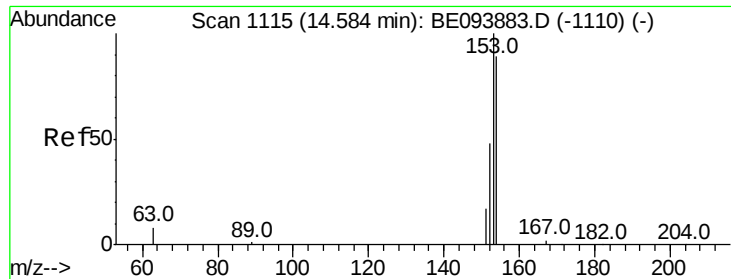


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.800 ng

RT: 14.59 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

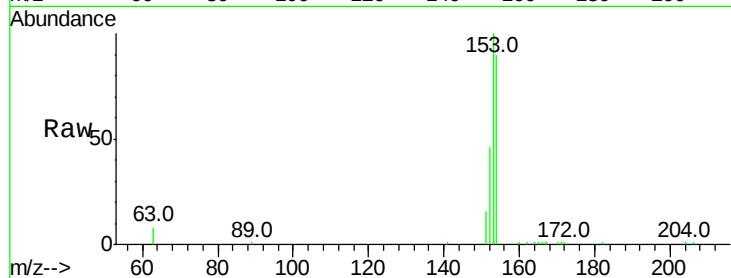
Tot Ion:154 Resp: 14585

Ion Ratio Lower Upper

154 100

153 114.2 91.8 137.6

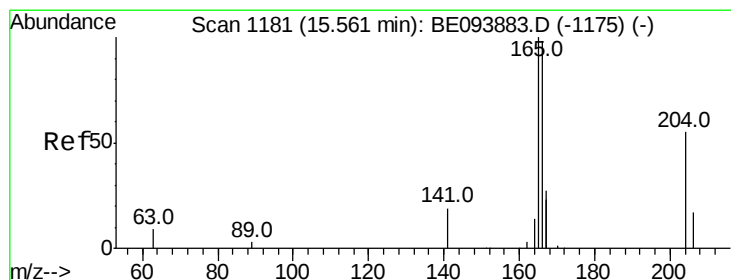
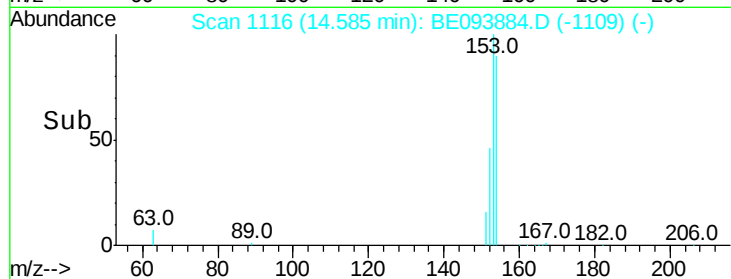
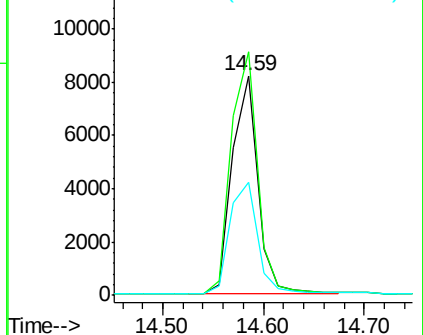
152 54.8 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.786 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

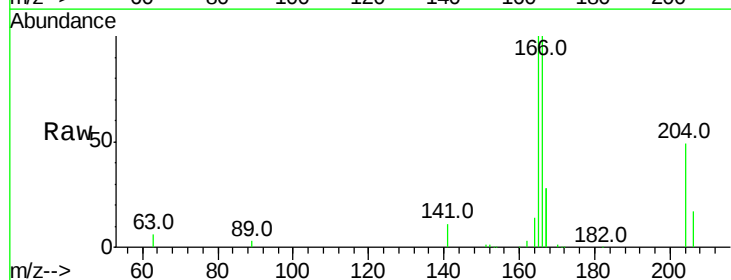
Tgt Ion:166 Resp: 18545

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

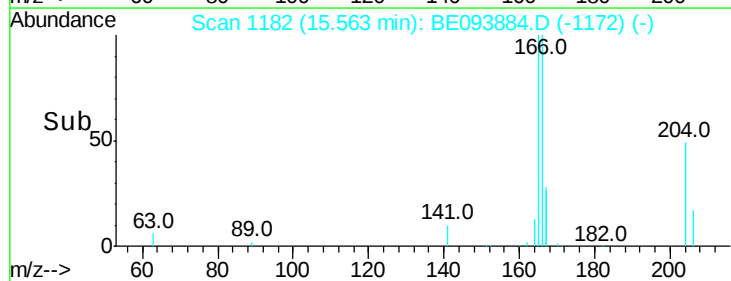
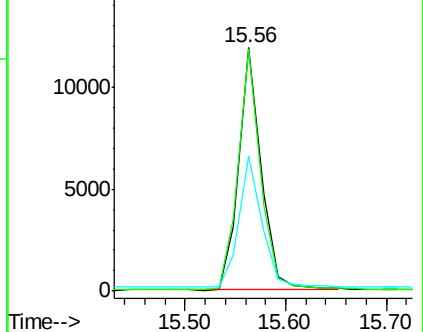
167 54.6 43.5 65.3

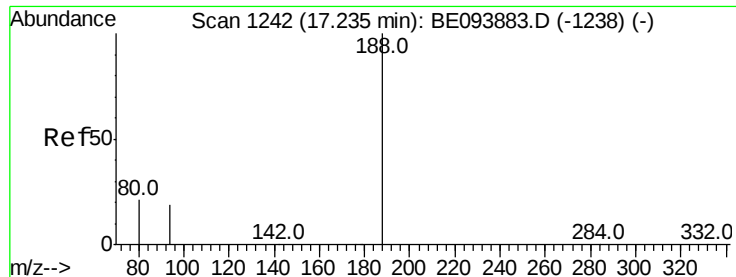


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

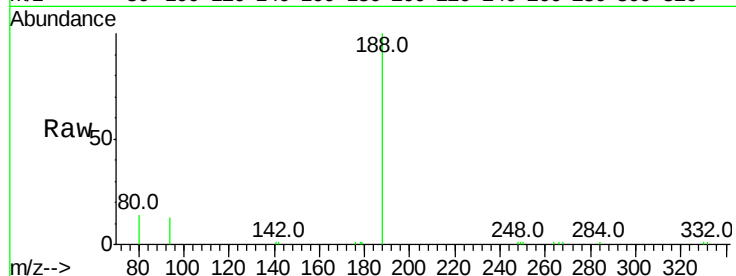
Tot Ion:188 Resp: 13280

Ion Ratio Lower Upper

188 100

94 13.2 16.1 24.1#

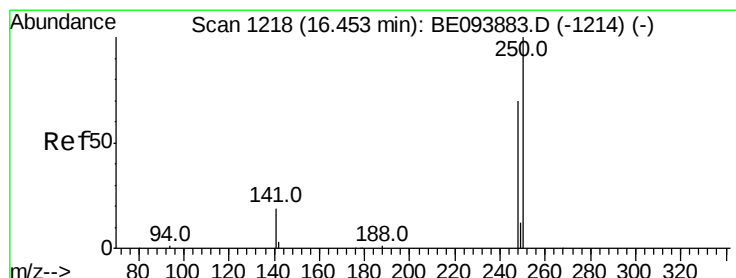
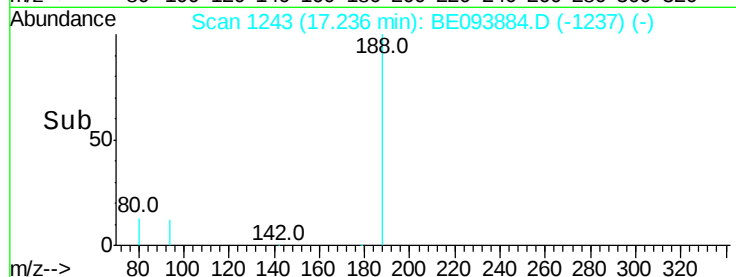
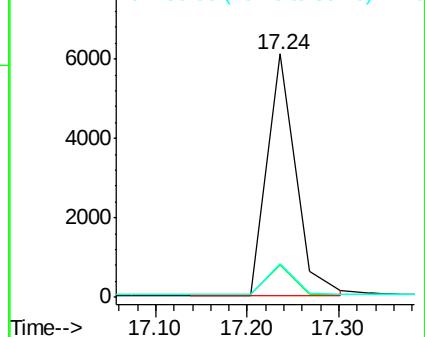
80 13.8 18.2 27.2#



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: 0.871 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

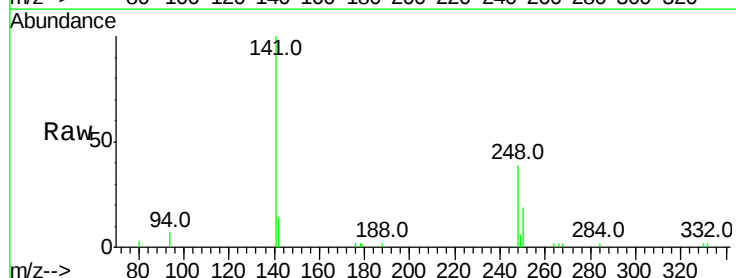
Tgt Ion:248 Resp: 3538

Ion Ratio Lower Upper

248 100

250 48.0 111.8 167.8#

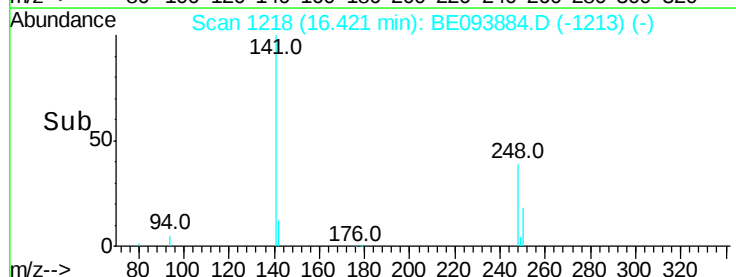
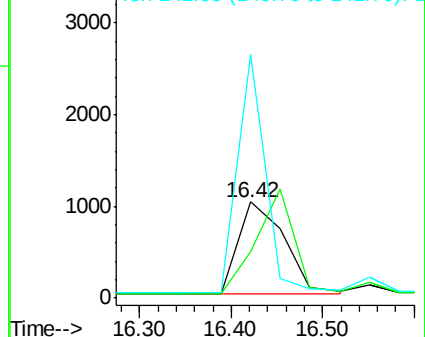
141 254.2 27.1 40.7#

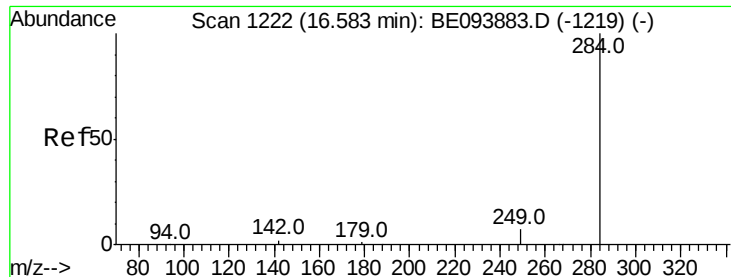


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.760 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

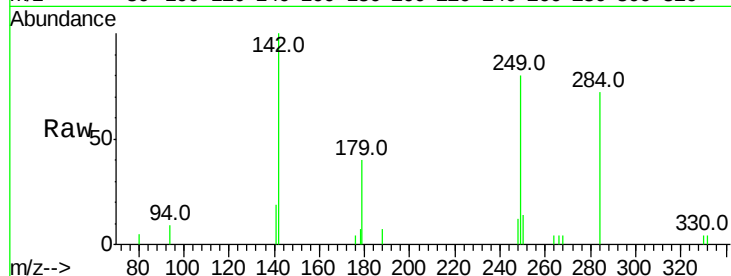
Tot Ion:284 Resp: 3151

Ion Ratio Lower Upper

284 100

142 74.1 0.0 0.0#

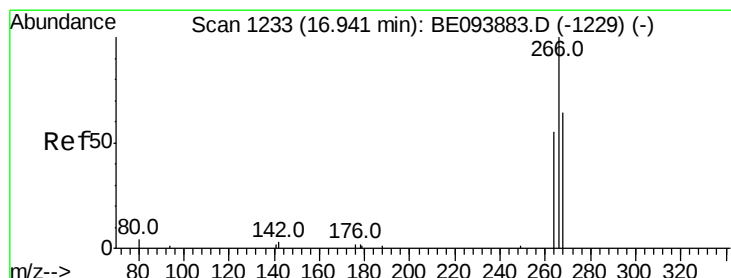
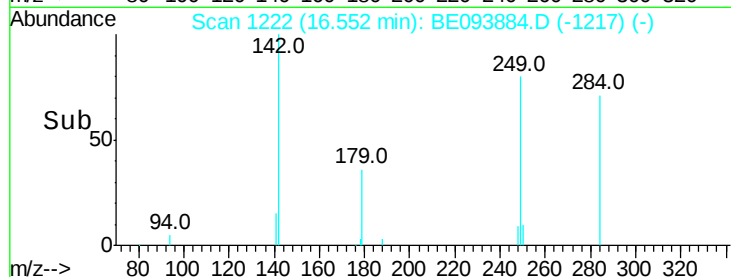
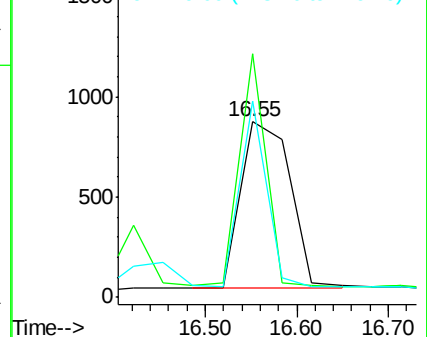
249 60.5 0.0 0.0#



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: 0.523 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

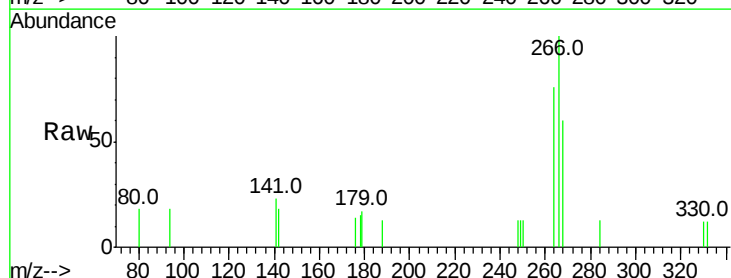
Tgt Ion:266 Resp: 1363

Ion Ratio Lower Upper

266 100

264 75.9 53.5 80.3

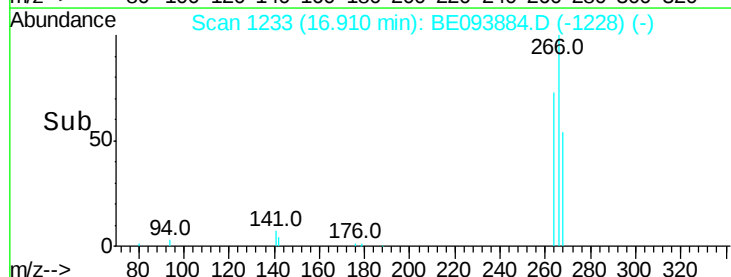
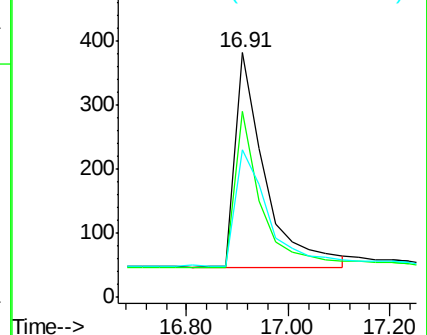
268 59.9 60.0 90.0#

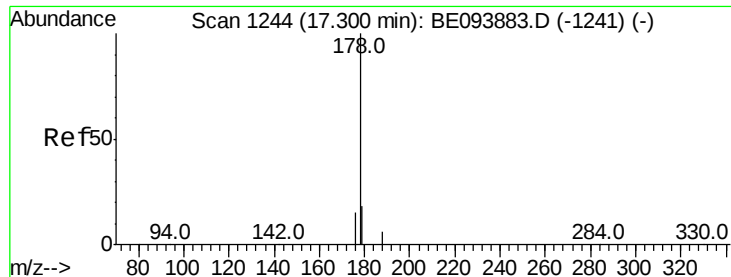


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.806 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

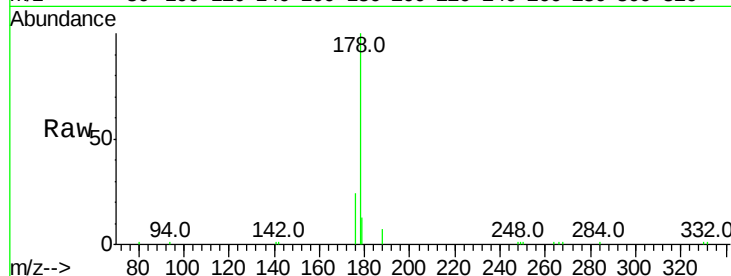
Tot Ion:178 Resp: 23463

Ion Ratio Lower Upper

178 100

176 20.9 0.0 0.0#

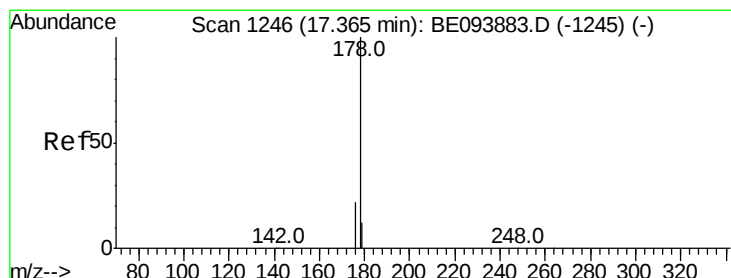
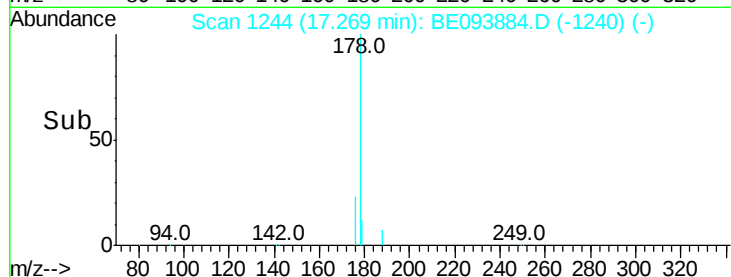
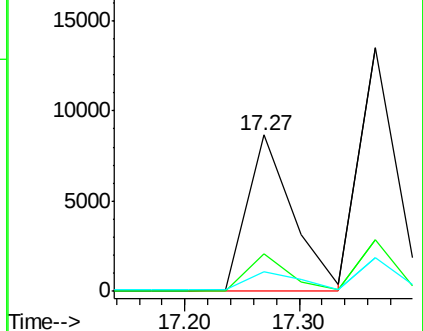
179 0.0 12.6 18.8#



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: 0.706 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

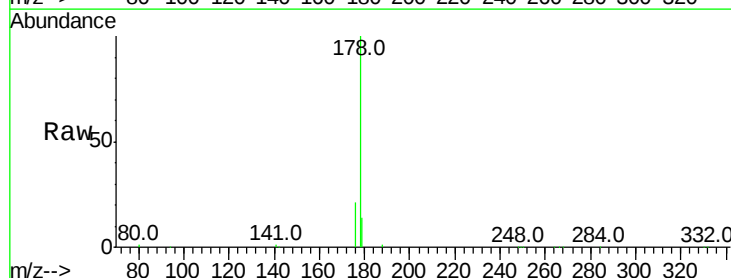
Tgt Ion:178 Resp: 29193

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

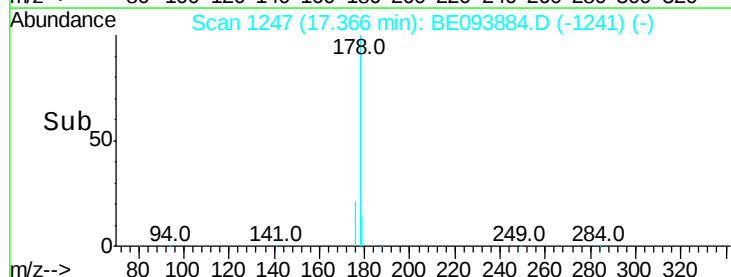
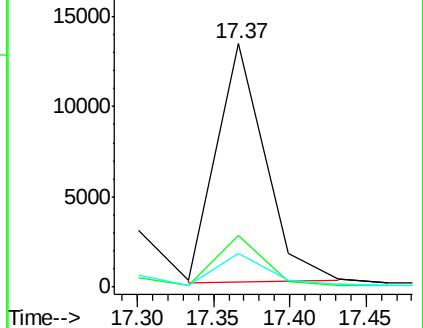
179 26.2 0.0 0.0#

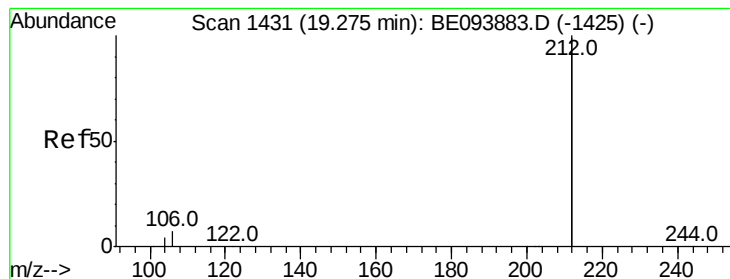


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.717 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

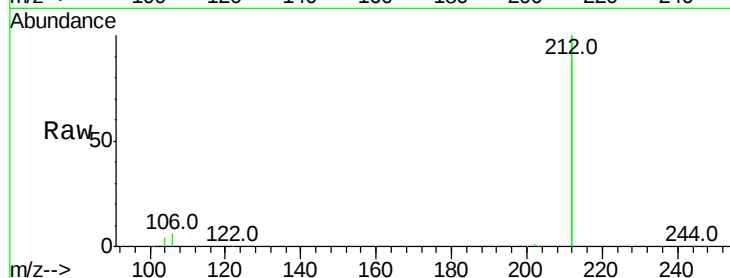
Tot Ion:212 Resp: 108677

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

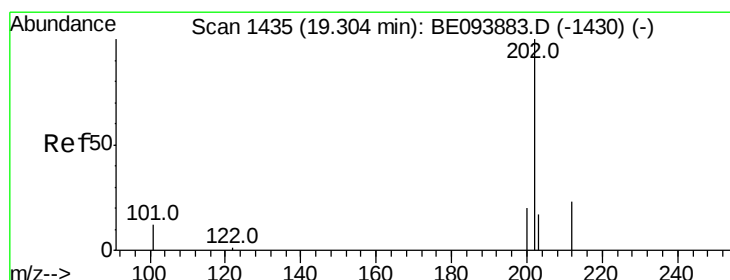
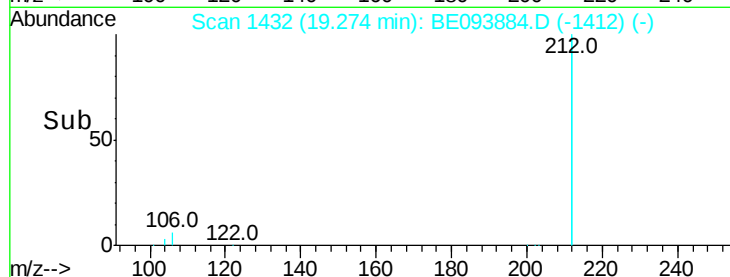
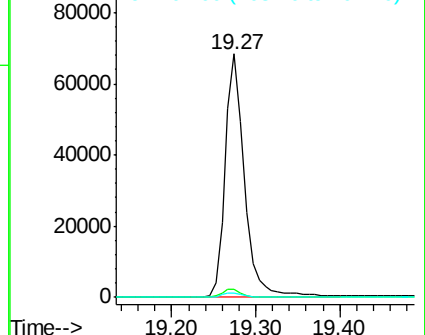
104 1.9 1.6 2.4



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: 0.708 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

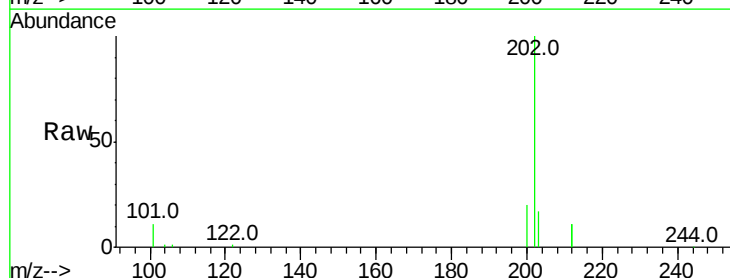
Tgt Ion:202 Resp: 32780

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

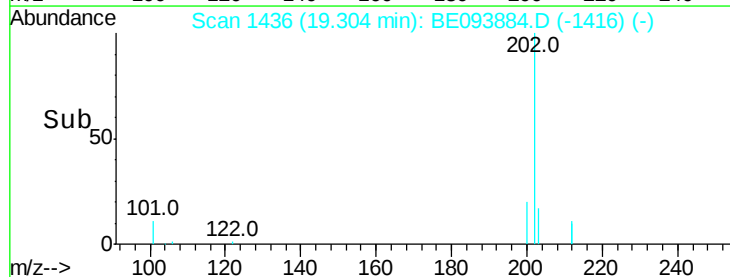
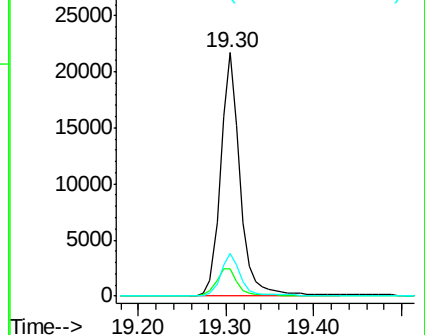
203 17.2 13.7 20.5

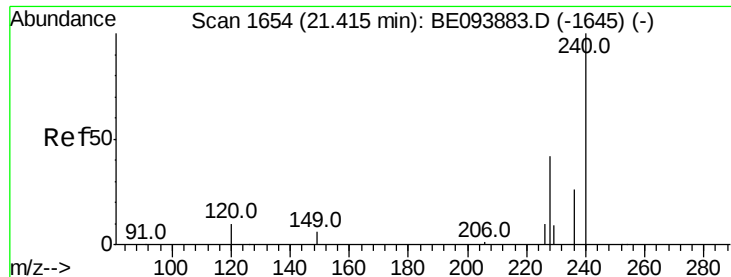


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

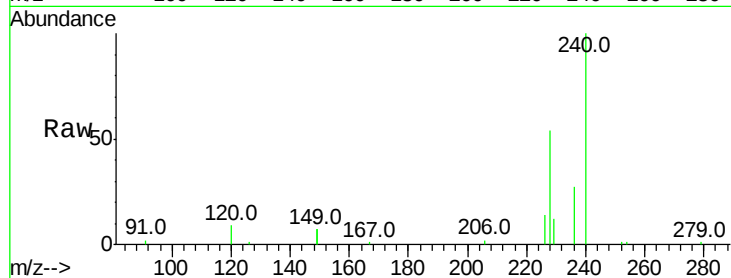
BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:240 Resp: 12527

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.7	13.1
236	26.7	21.3	31.9

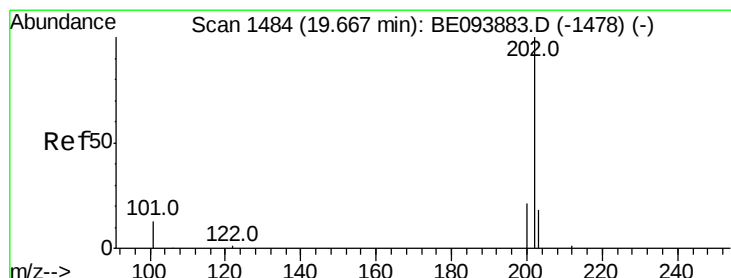
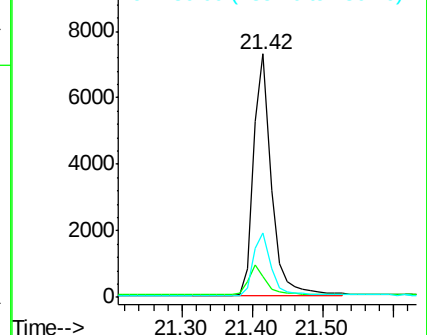
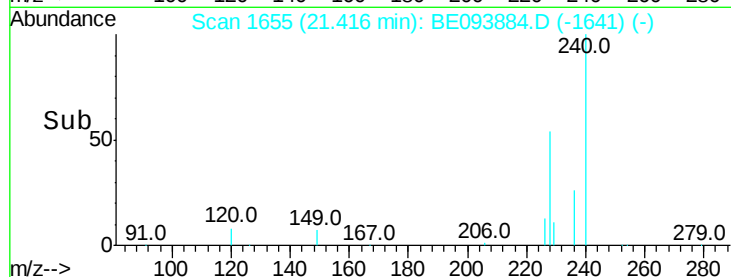


Abundance

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: 0.827 ng

RT: 19.67 min Scan# 1485

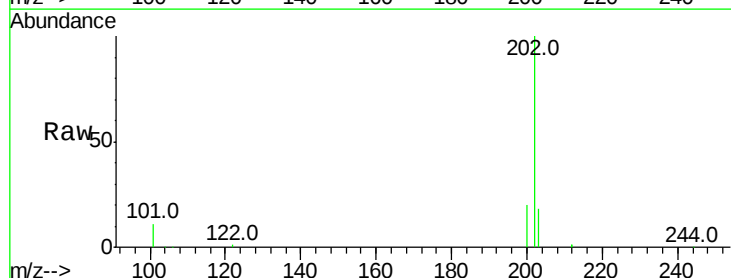
Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Tgt Ion:202 Resp: 33914

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.4	14.2	21.4

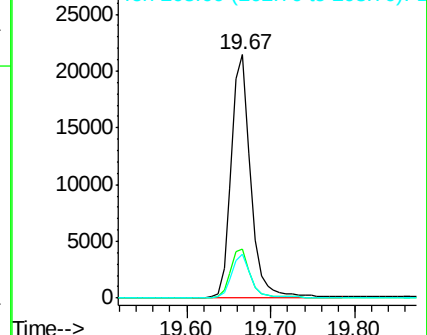
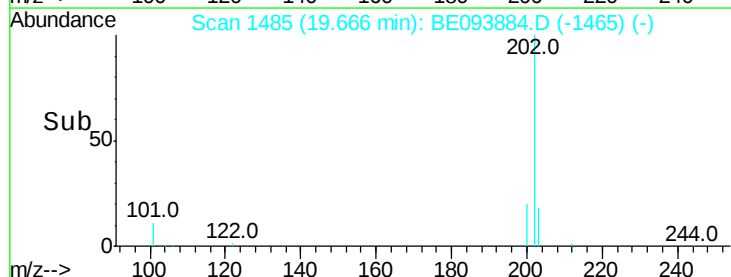


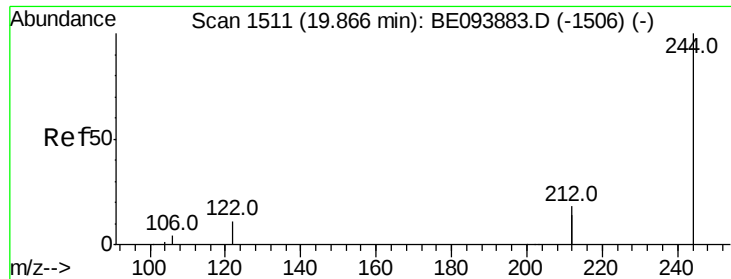
Abundance

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: 0.814 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

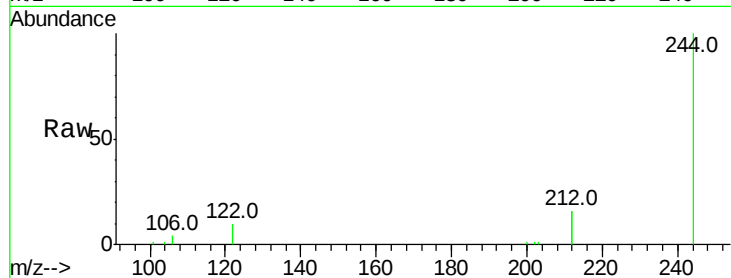
Tot Ion:244 Resp: 18168

Ion Ratio Lower Upper

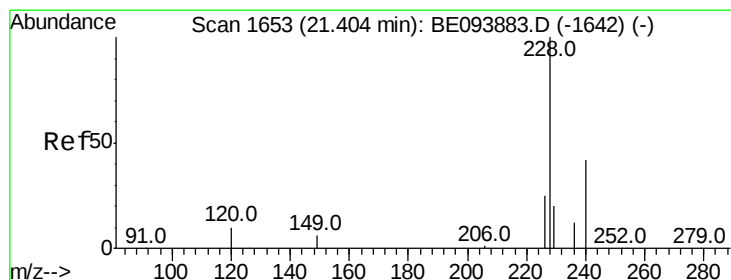
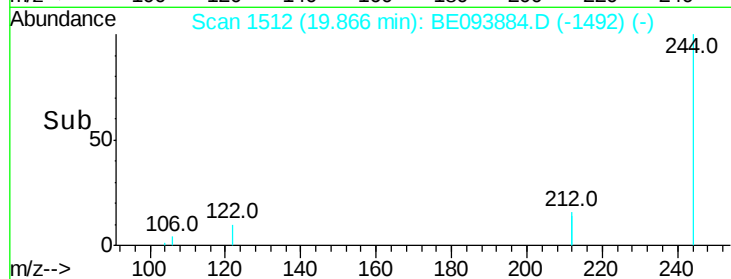
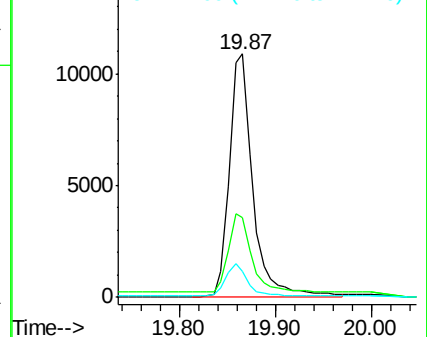
244 100

212 32.8 28.3 42.5

122 10.5 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.771 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

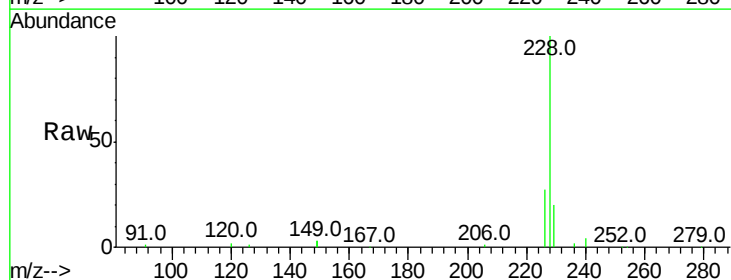
Tgt Ion:228 Resp: 30115

Ion Ratio Lower Upper

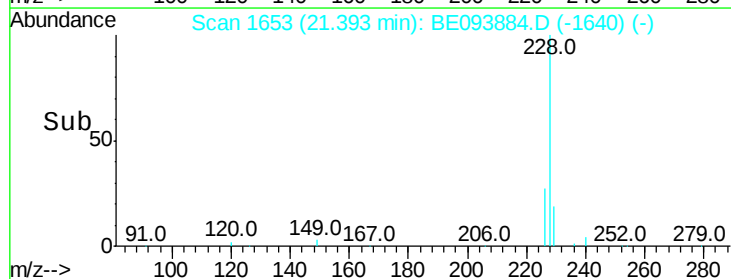
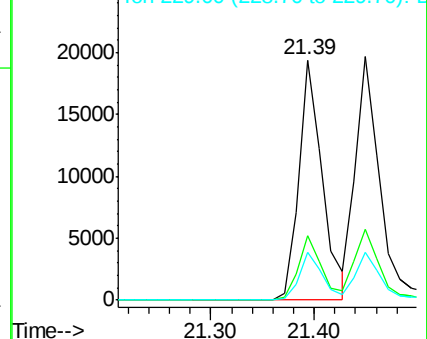
228 100

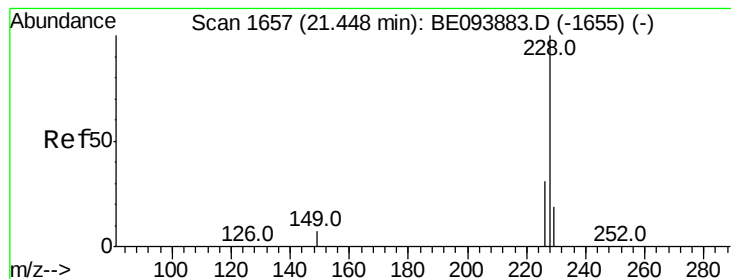
226 26.8 20.8 31.2

229 19.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.795 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

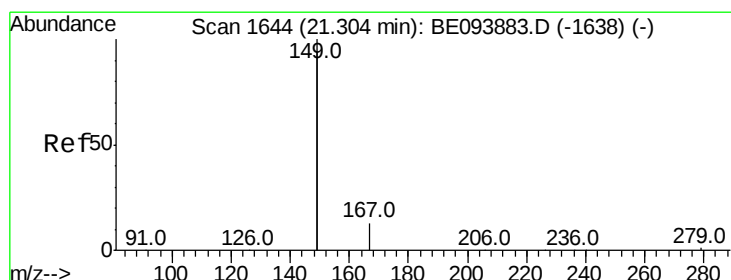
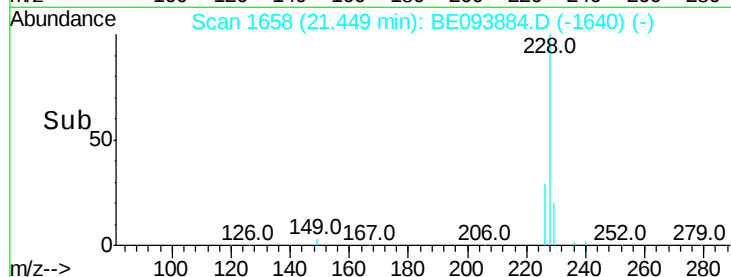
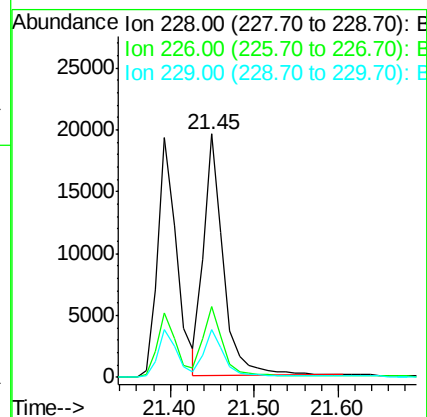
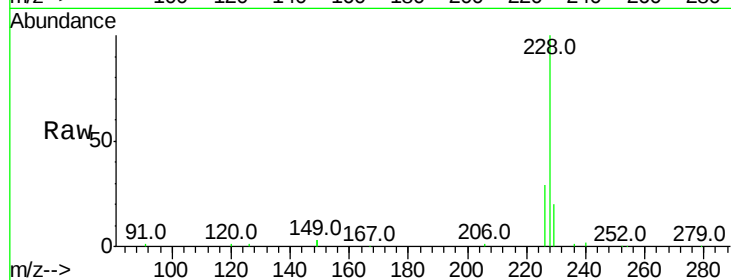
Tot Ion:228 Resp: 32205

Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

229 19.8 15.8 23.8



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.703 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

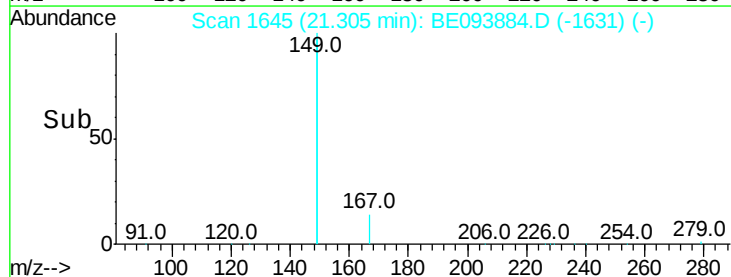
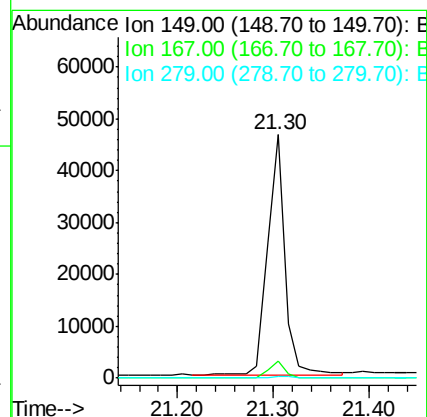
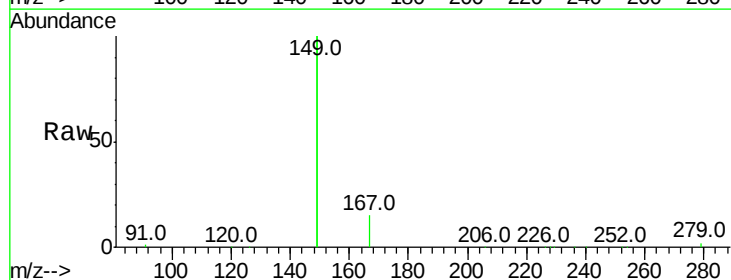
Tgt Ion:149 Resp: 58079

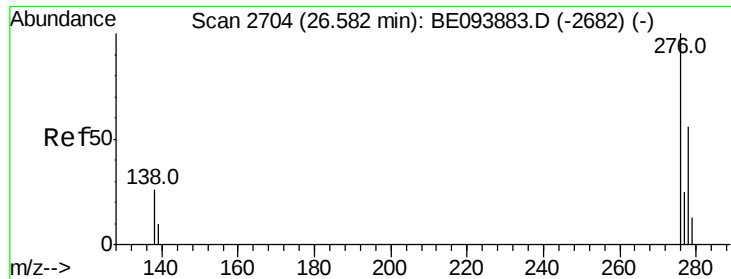
Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 0.9 0.7 1.1

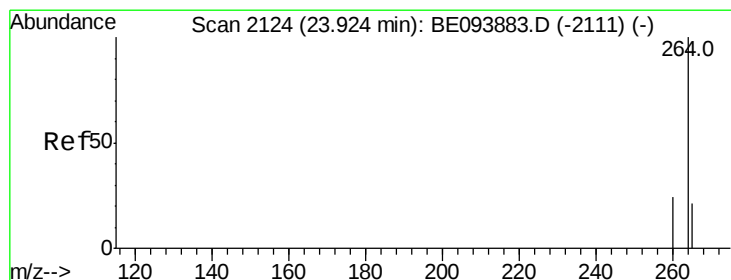
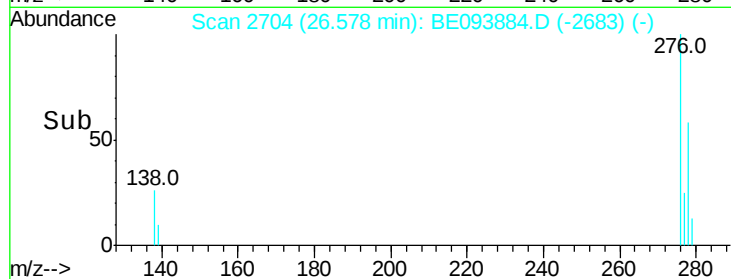
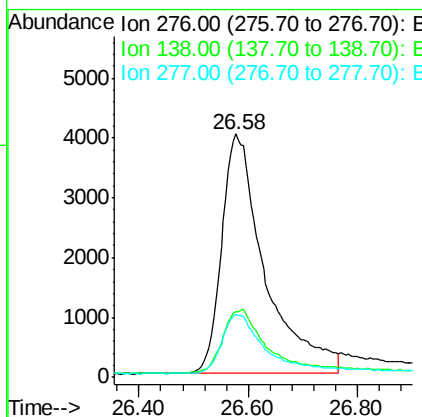
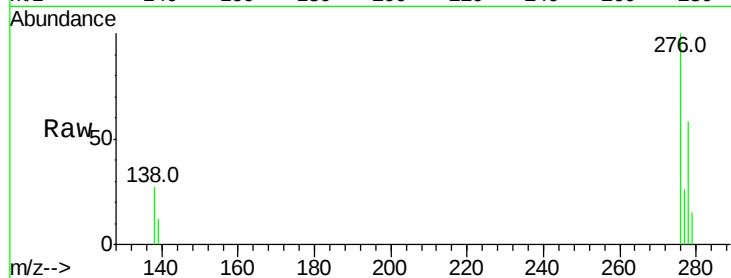




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.596 ng
 RT: 26.58 min Scan# 2704
 Delta R.T. -0.00 min
 Lab File: BE093884.D
 Acq: 26 Aug 2017 10:57

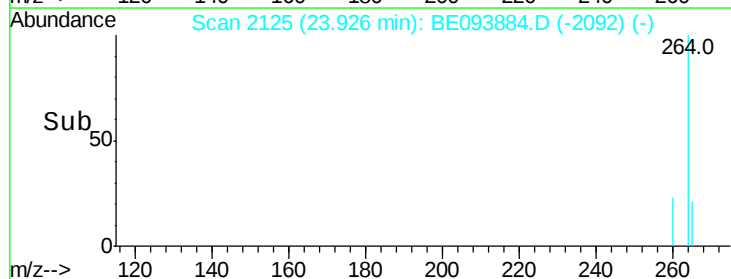
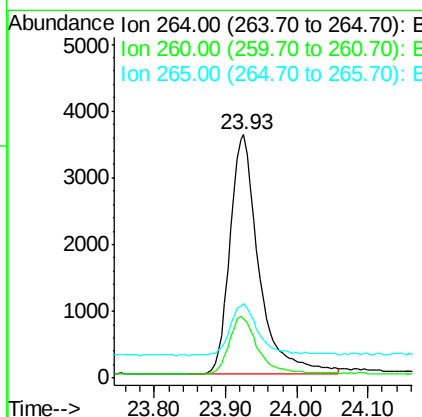
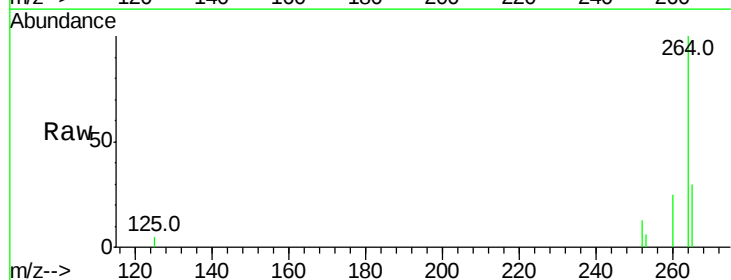
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

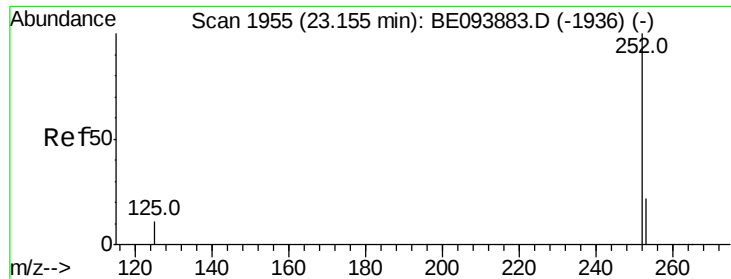
Tot Ion:276 Resp: 21997
 Ion Ratio Lower Upper
 276 100
 138 26.7 22.2 33.2
 277 25.1 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BE093884.D
 Acq: 26 Aug 2017 10:57

Tgt Ion:264 Resp: 10246
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 30.5 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.757 ng

RT: 23.15 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

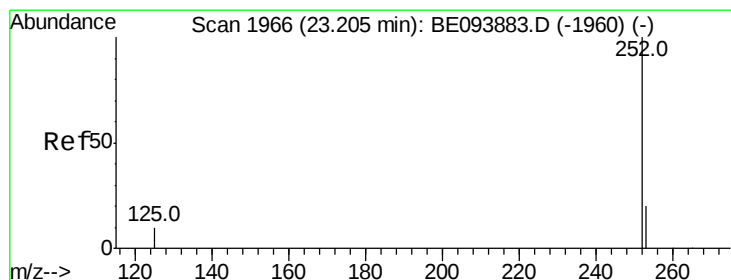
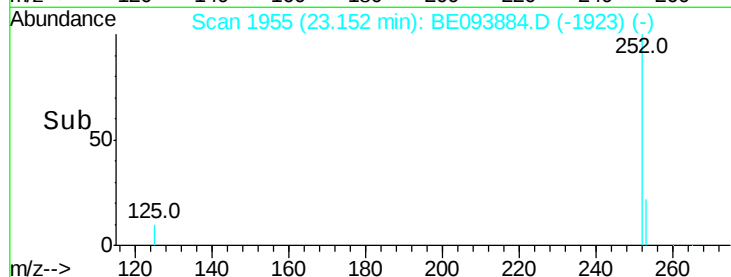
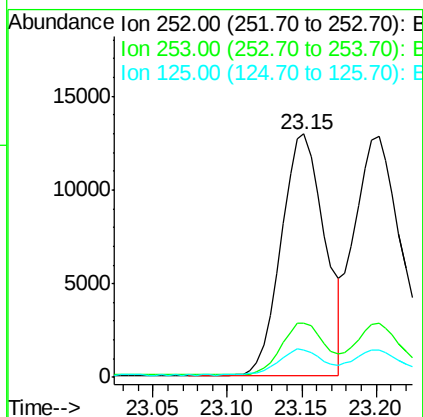
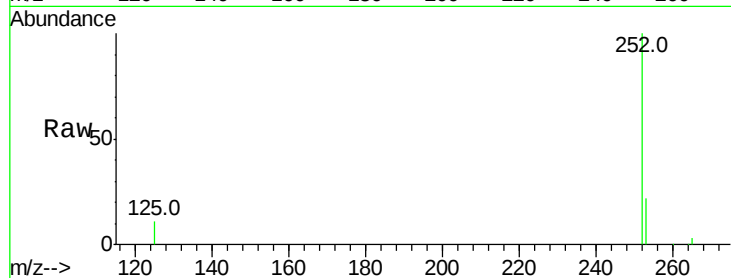
Tot Ion:252 Resp: 26152

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.0

125 11.2 10.0 15.0



#36

Benzo(k)fluoranthene

Concen: 0.832 ng

RT: 23.20 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

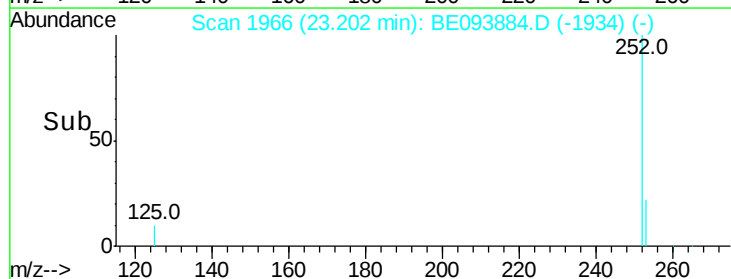
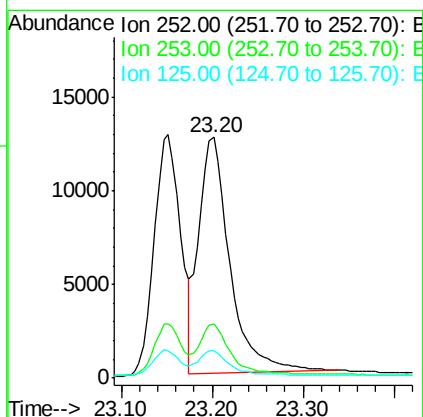
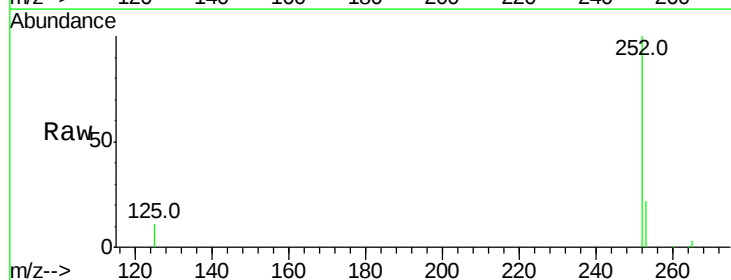
Tgt Ion:252 Resp: 30200

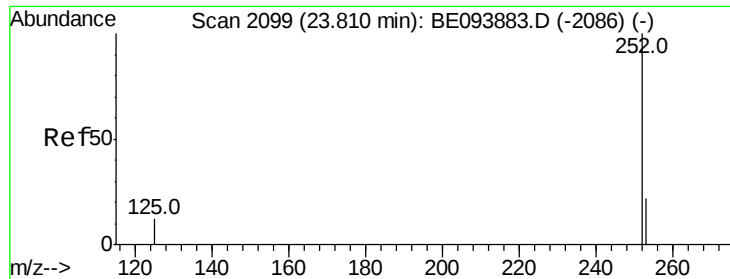
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 11.3 9.8 14.6





#37

Benzo(a)pyrene

Concen: 0.784 ng

RT: 23.81 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

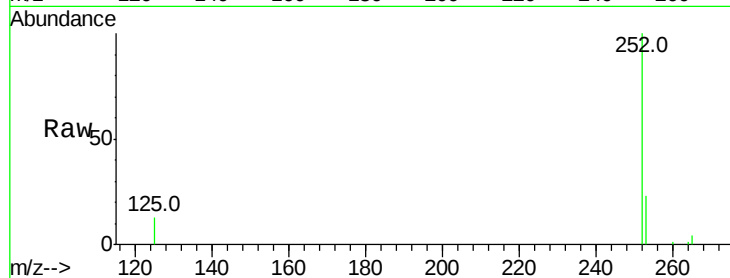
Tot Ion:252 Resp: 25892

Ion Ratio Lower Upper

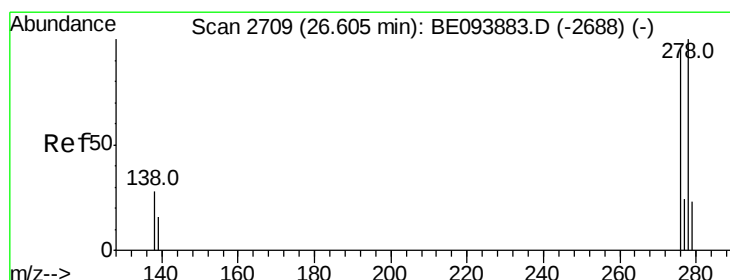
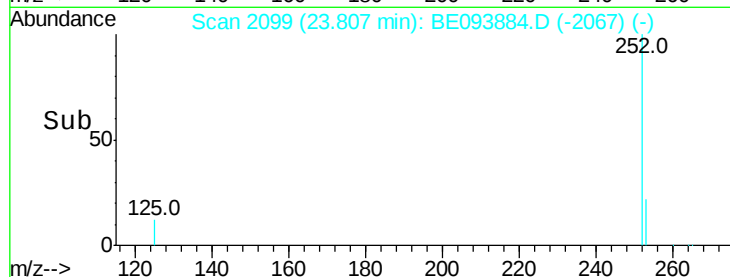
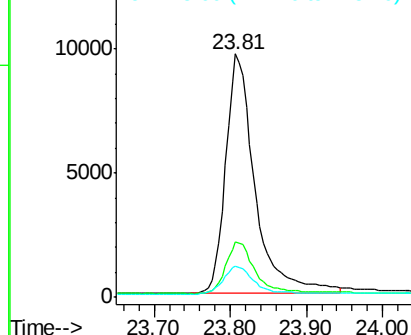
252 100

253 22.7 19.6 29.4

125 12.8 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: 0.625 ng

RT: 26.60 min Scan# 2708

Delta R.T. -0.01 min

Lab File: BE093884.D

Acq: 26 Aug 2017 10:57

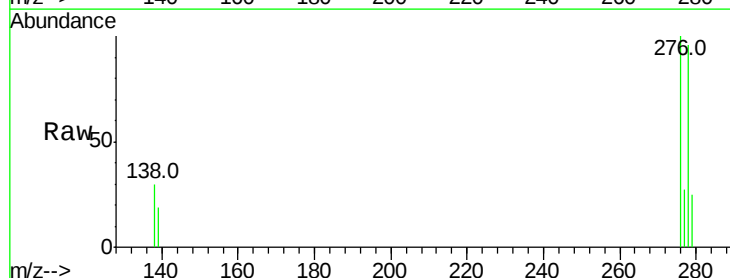
Tgt Ion:278 Resp: 18655

Ion Ratio Lower Upper

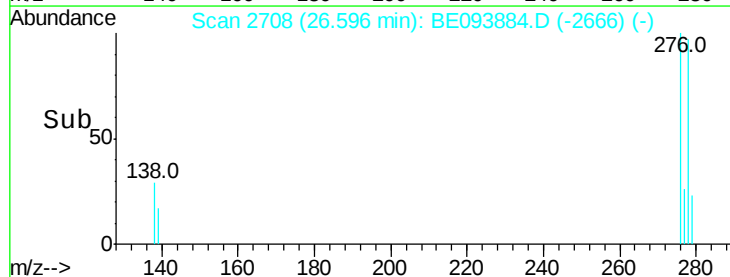
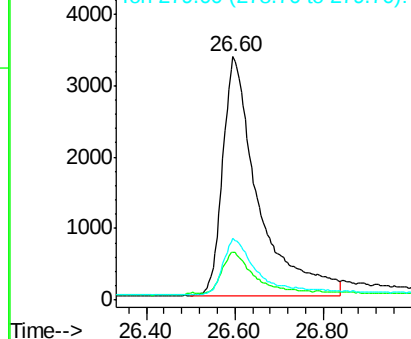
278 100

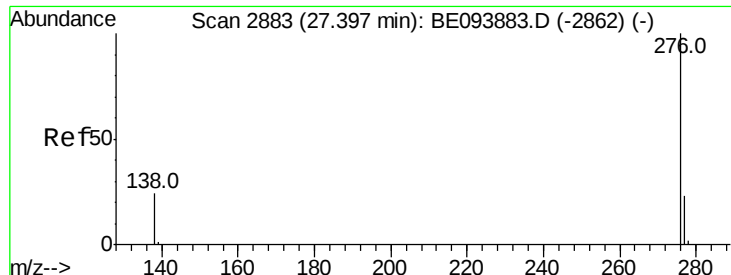
139 19.5 16.7 25.1

279 25.5 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: 0.655 ng

RT: 27.39 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BE093884.D

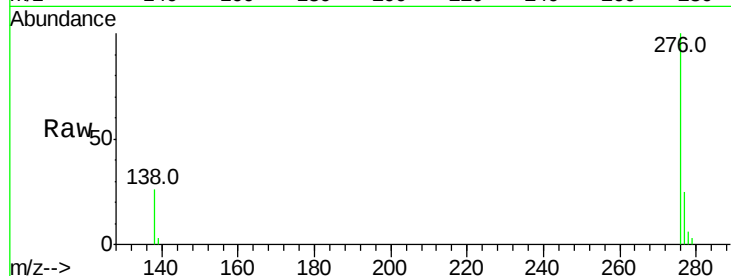
Acq: 26 Aug 2017 10:57

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



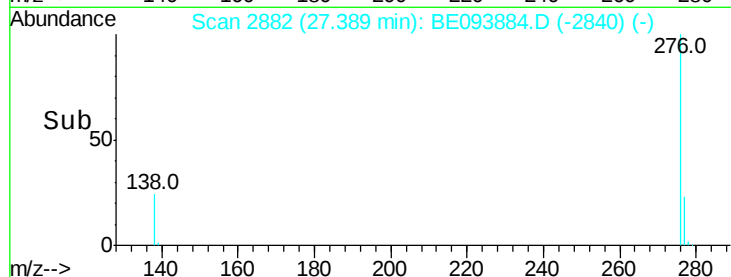
Tot Ion:276 Resp: 19789

Ion Ratio Lower Upper

276 100

277 24.7 20.6 30.8

138 25.9 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

