

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
 Data File : BE093886.D
 Acq On : 26 Aug 2017 12:12
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Aug 28 02:07:25 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	1968	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10225	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5787	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15011	0.40	ng	0.00
27) Chrysene-d12	21.41	240	13431	0.40	ng	0.00
34) Perylene-d12	23.92	264	10926	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	20017	3.17	ng	0.00
5) Phenol-d6	7.09	99	31308	3.25	ng	0.00
8) Nitrobenzene-d5	9.06	82	29003	3.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	52431	3.20	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	5811	3.73	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	70942	3.12	ng	-0.01
25) Fluoranthene-d10	19.28	212	469016	2.74	ng	0.00
29) Terphenyl-d14	19.86	244	78623	3.29	ng	0.00

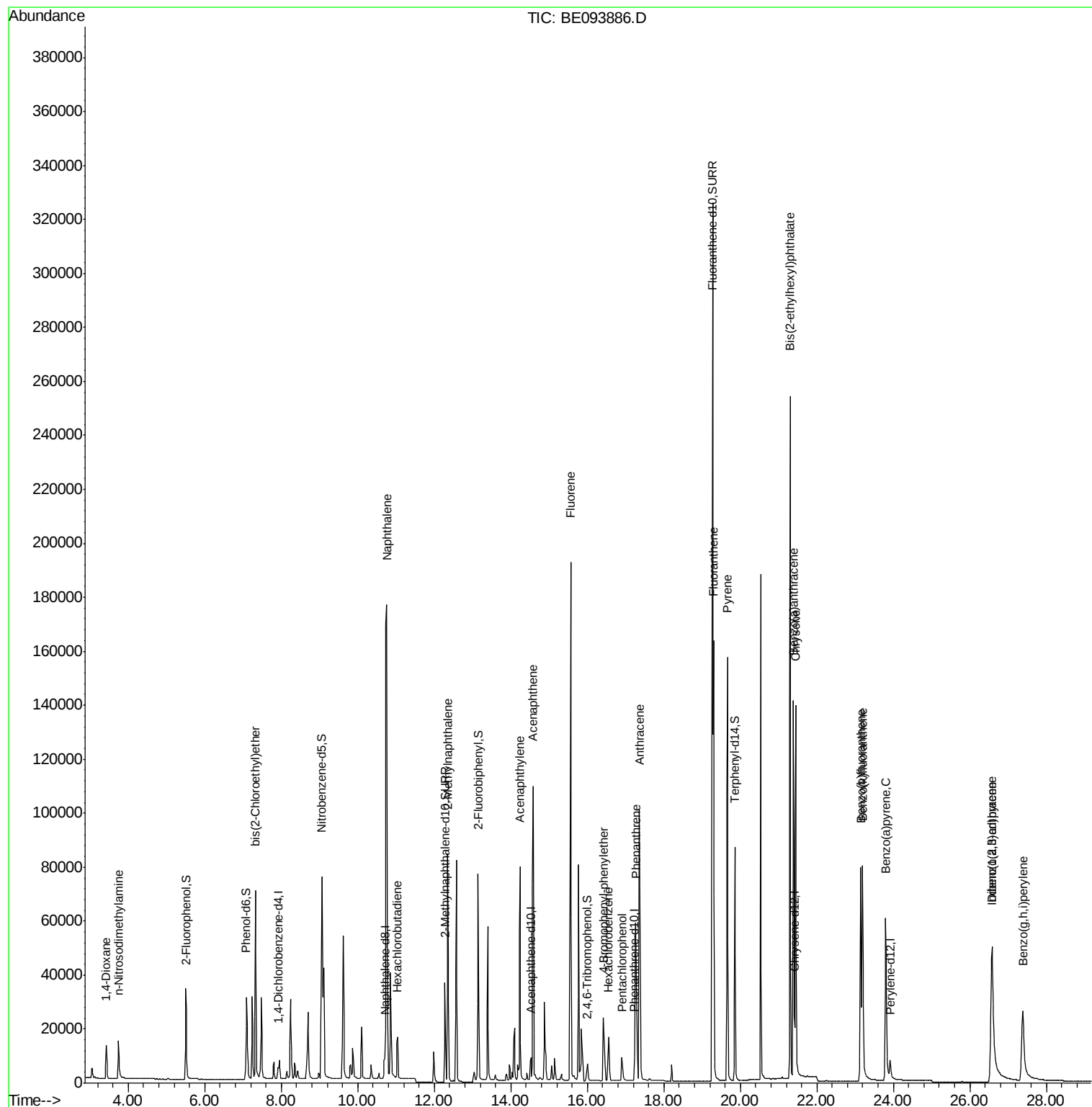
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	7683	2.630	ng	92
3) n-Nitrosodimethylamine	3.74	42	10838	3.590	ng	# 97
6) bis(2-Chloroethyl)ether	7.33	93	23969	3.213	ng	100
9) Naphthalene	10.76	128	366738	3.133	ng	99
10) Hexachlorobutadiene	11.04	225	12950	3.014	ng	99
12) 2-Methylnaphthalene	12.36	142	62631	3.185	ng	100
16) Acenaphthylene	14.24	152	98320	3.406	ng	100
17) Acenaphthene	14.58	154	62774	3.232	ng	97
18) Fluorene	15.56	166	80133	3.188	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	14554	3.170	ng	# 1
21) Hexachlorobenzene	16.55	284	13108	2.796	ng	# 100
22) Pentachlorophenol	16.91	266	9546	3.240	ng	89
23) Phenanthrene	17.27	178	99929	3.039	ng	# 63
24) Anthracene	17.37	178	151533	3.244	ng	# 99
26) Fluoranthene	19.30	202	141513	2.705	ng	99
28) Pyrene	19.66	202	145909	3.320	ng	99
30) Benzo(a)anthracene	21.39	228	132312	3.158	ng	98
31) Chrysene	21.45	228	139092	3.201	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	279723	3.156	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	97436	2.462	ng	99
35) Benzo(b)fluoranthene	23.15	252	116670	3.168	ng	96
36) Benzo(k)fluoranthene	23.20	252	129294	3.340	ng	98
37) Benzo(a)pyrene	23.80	252	112389	3.193	ng	94
38) Dibenzo(a,h)anthracene	26.59	278	83873	2.637	ng	94
39) Benzo(g,h,i)perylene	27.38	276	85799	2.665	ng	95

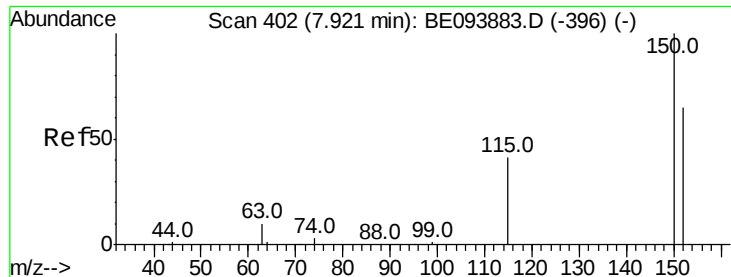
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
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QLast Update : Mon Aug 28 01:59:34 2017
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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: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

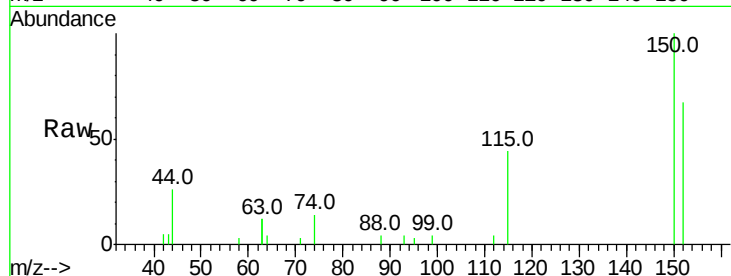
Tot Ion:152 Resp: 1968

Ion Ratio Lower Upper

152 100

150 149.8 121.8 182.6

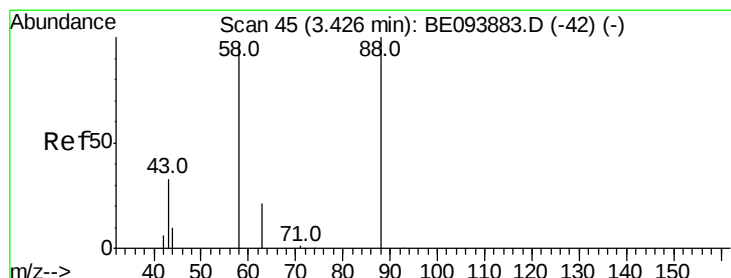
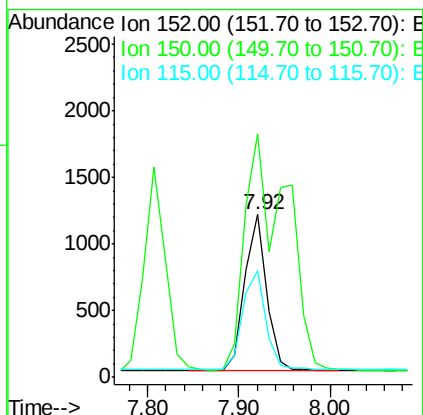
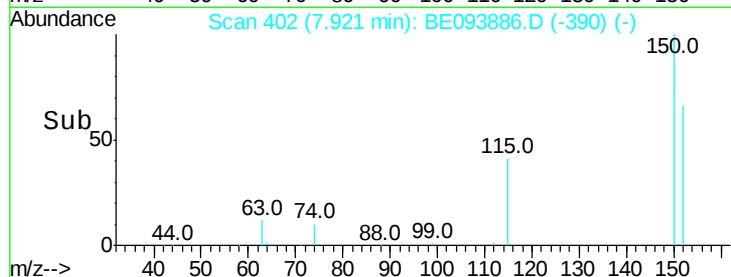
115 65.2 52.6 79.0



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: 2.630 ng

RT: 3.43 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

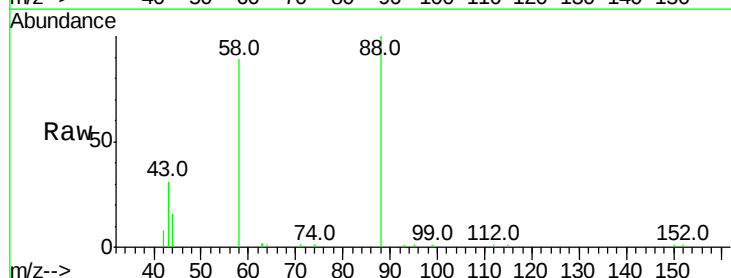
Tgt Ion: 88 Resp: 7683

Ion Ratio Lower Upper

88 100

58 91.2 65.4 98.0

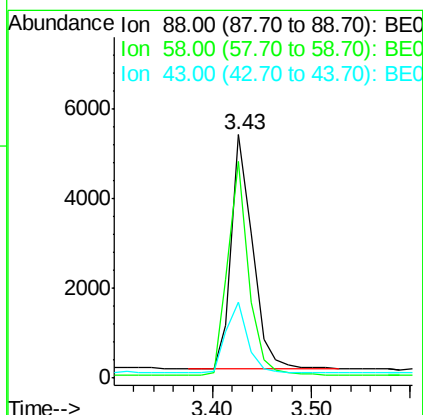
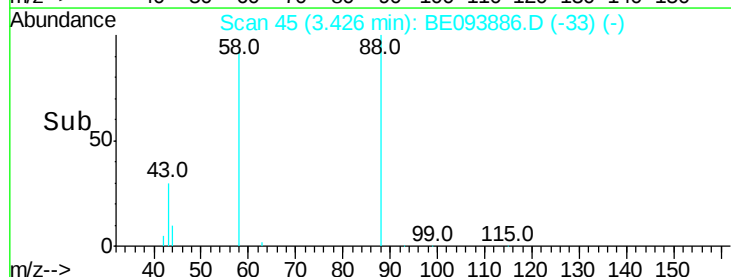
43 31.3 23.9 35.9

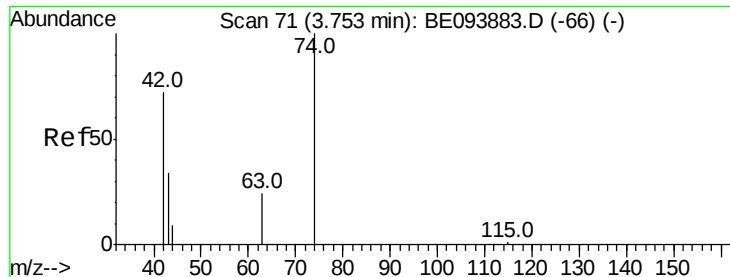


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.590 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

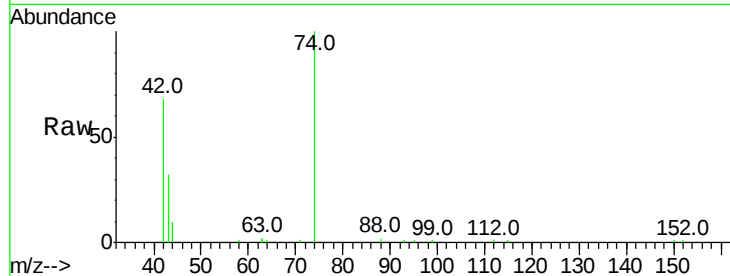
Tot Ion: 42 Resp: 10838

Ion Ratio Lower Upper

42 100

74 130.1 104.0 156.0

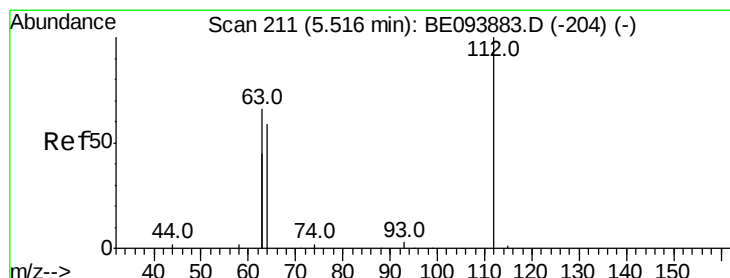
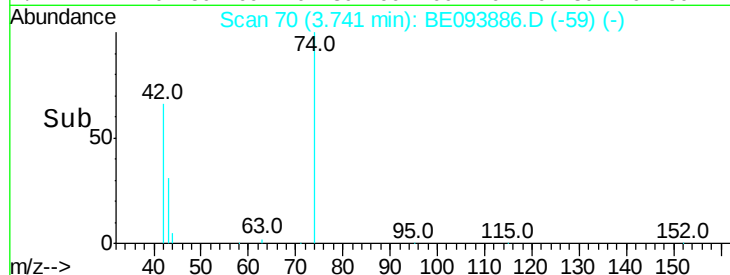
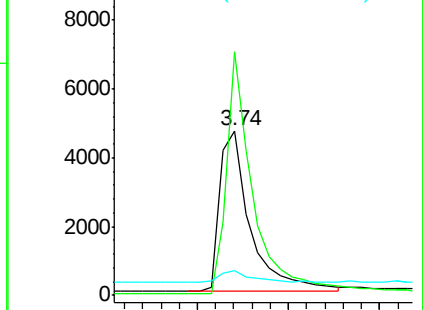
44 7.3 13.8 20.8#



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: 3.171 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

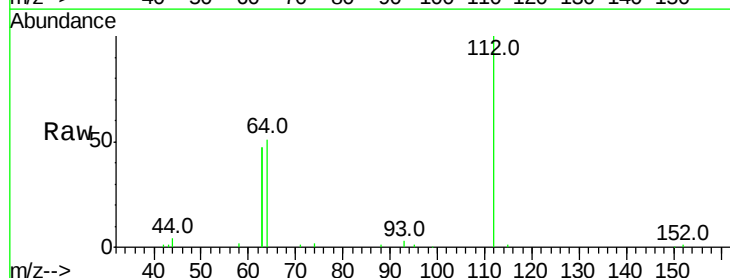
Tgt Ion: 112 Resp: 20017

Ion Ratio Lower Upper

112 100

64 71.1 57.7 86.5

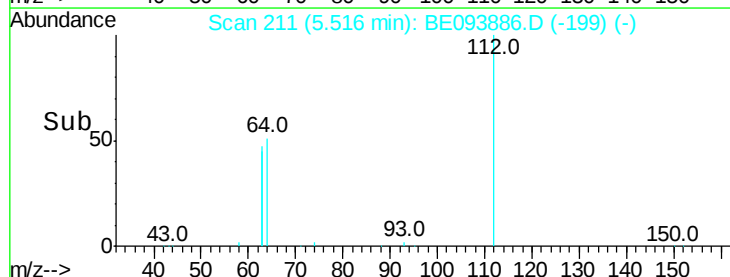
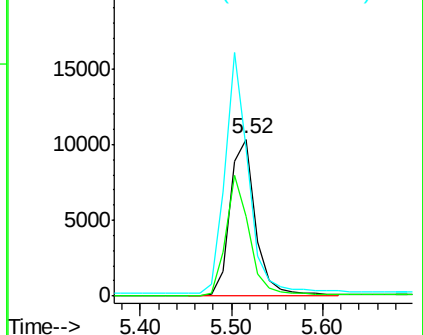
63 140.4 116.0 174.0

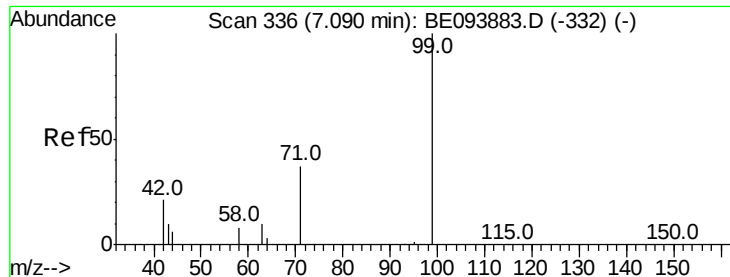


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.252 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

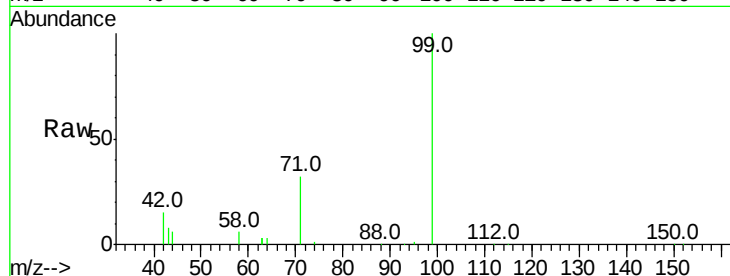
Tot Ion: 99 Resp: 31308

Ion Ratio Lower Upper

99 100

42 20.4 17.1 25.7

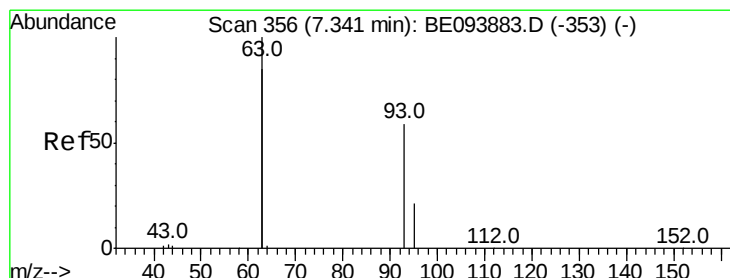
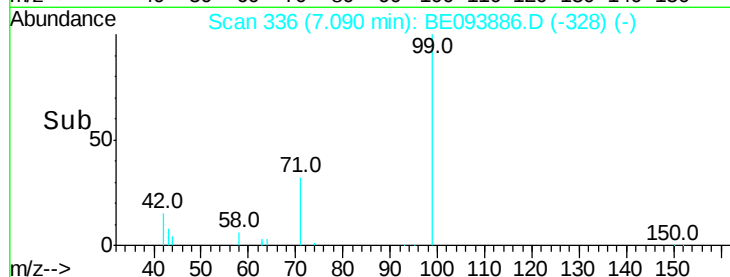
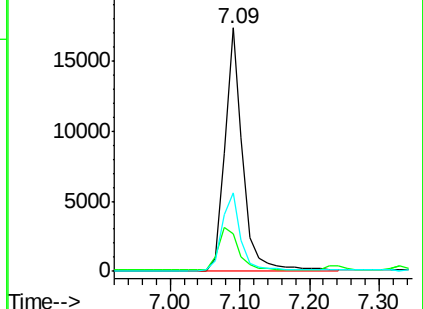
71 33.6 26.6 39.8



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: 3.213 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

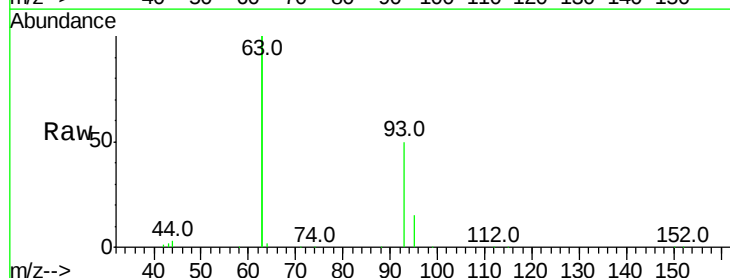
Tgt Ion: 93 Resp: 23969

Ion Ratio Lower Upper

93 100

63 353.8 283.4 425.2

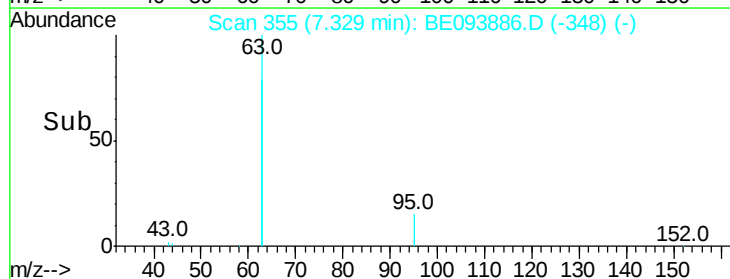
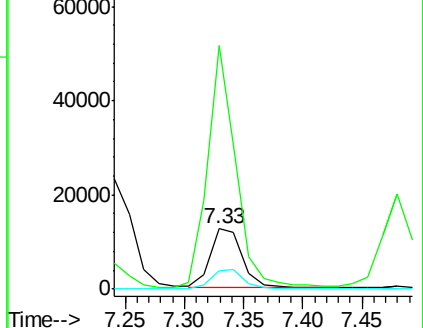
95 32.7 26.9 40.3

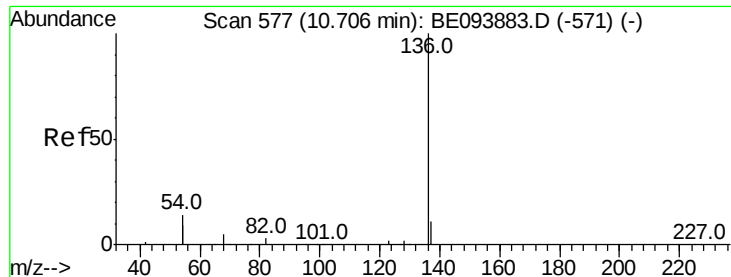


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 10225

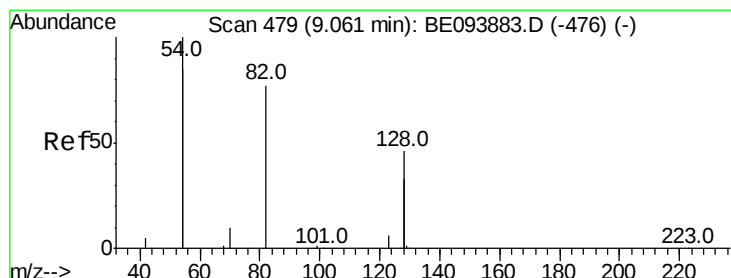
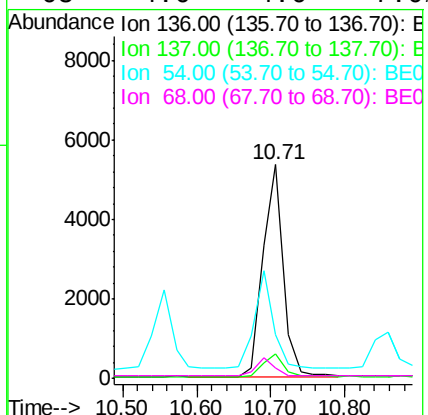
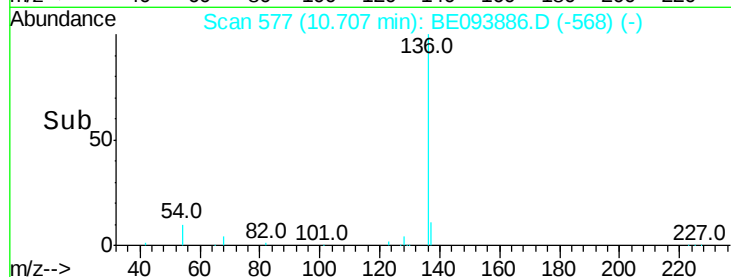
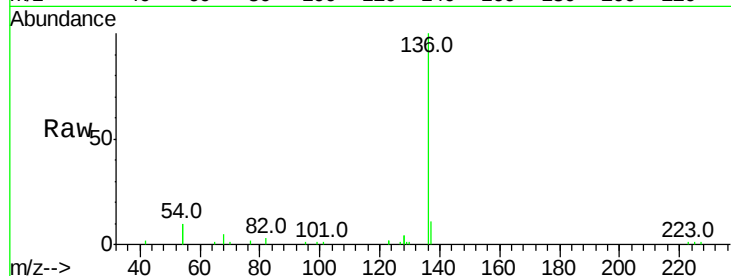
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 20.6 21.9 32.9#

68 4.6 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 3.327 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

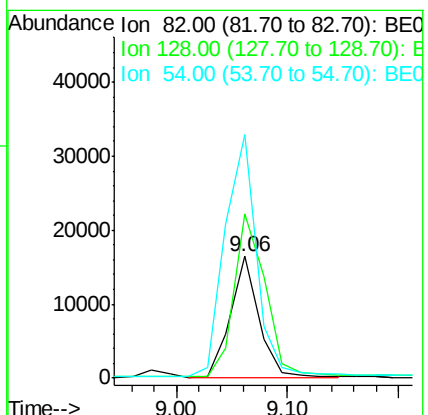
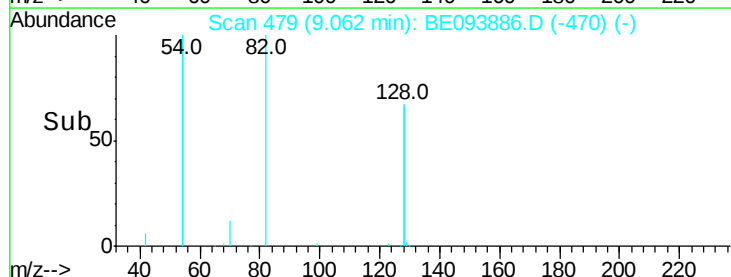
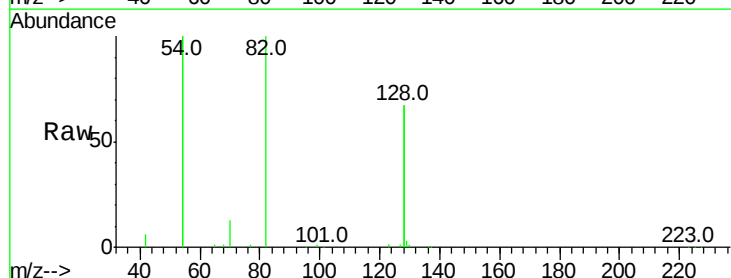
Tgt Ion: 82 Resp: 29003

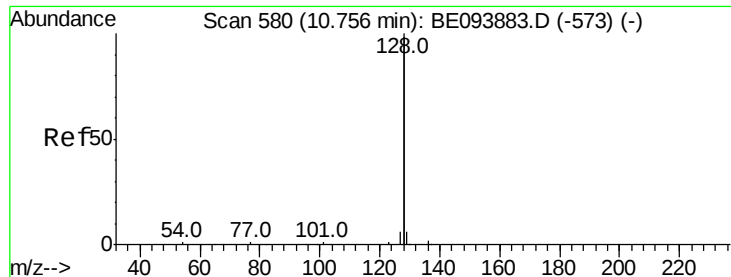
Ion Ratio Lower Upper

82 100

128 134.6 91.4 137.0

54 200.0 197.8 296.8





#9

Naphthalene

Concen: 3.133 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

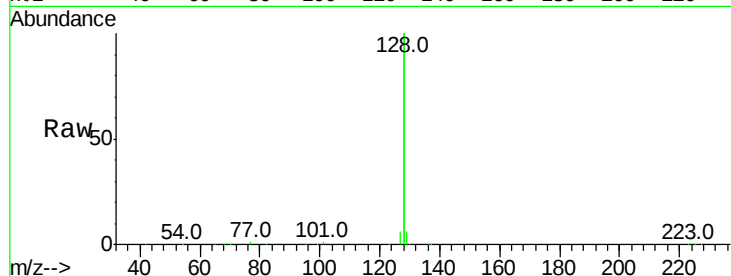
Tot Ion:128 Resp: 366738

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

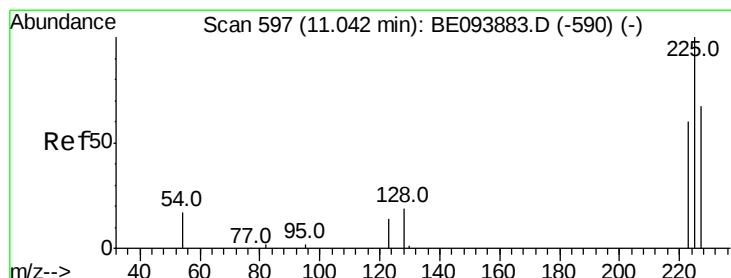
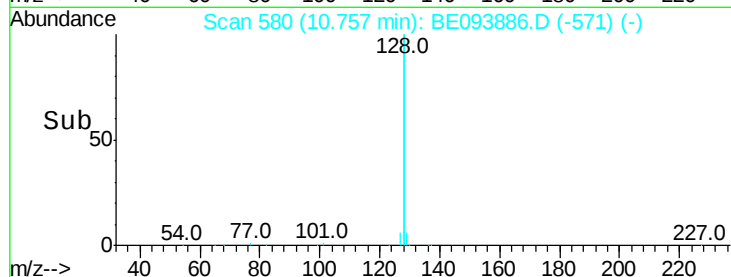
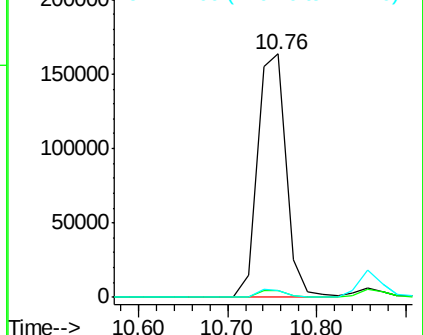
127 3.0 2.6 4.0



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: 3.014 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

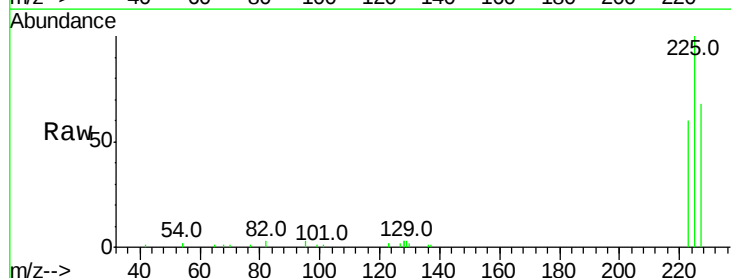
Tgt Ion:225 Resp: 12950

Ion Ratio Lower Upper

225 100

223 62.8 49.4 74.0

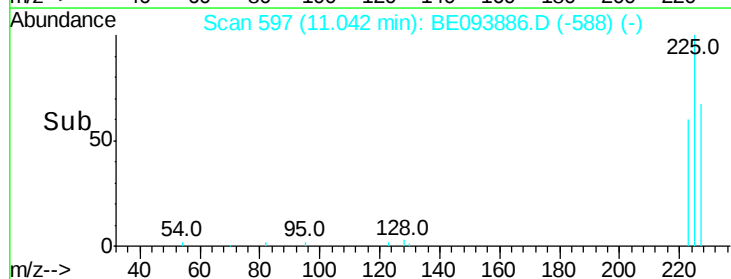
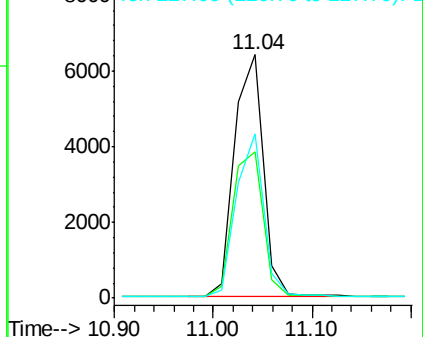
227 63.8 50.5 75.7

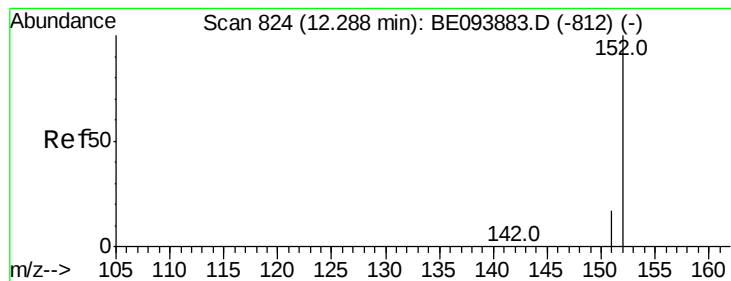


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.205 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampled :

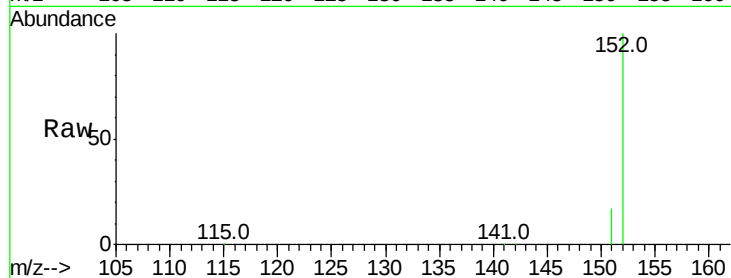
SSTDICC3.2

Tot Ion:152 Resp: 52431

Ion Ratio Lower Upper

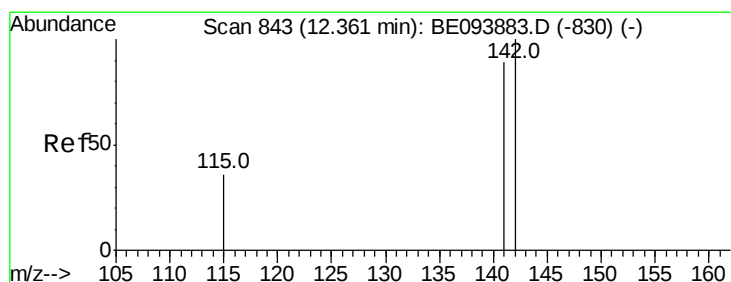
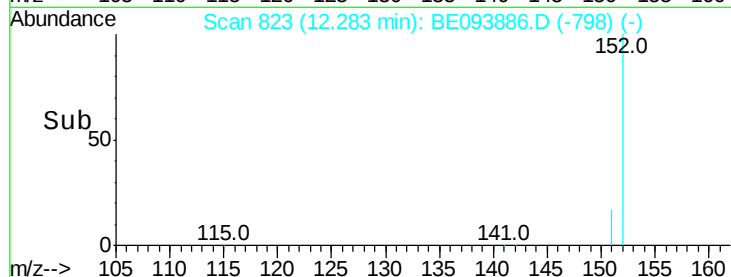
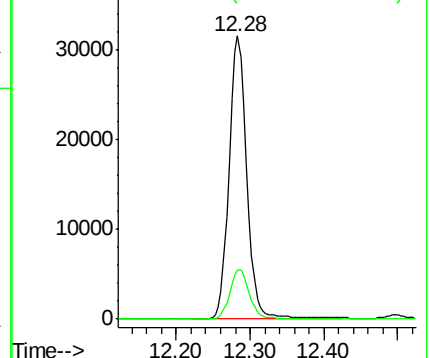
152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.185 ng

RT: 12.36 min Scan# 842

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

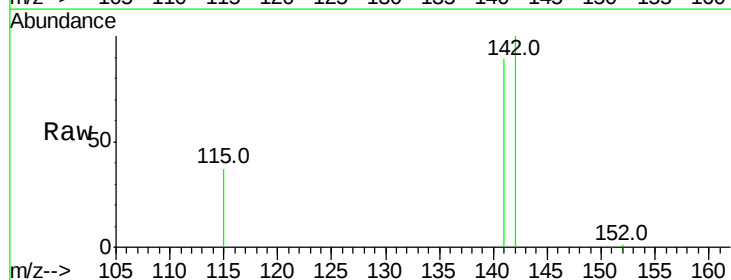
Tgt Ion:142 Resp: 62631

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

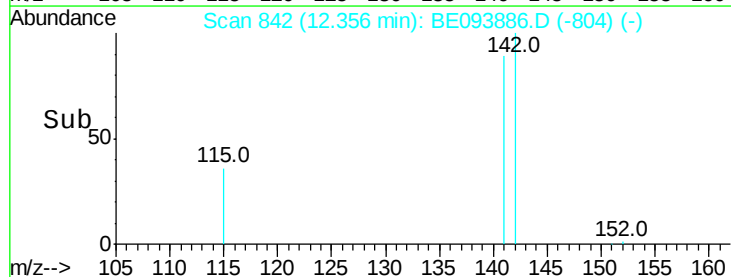
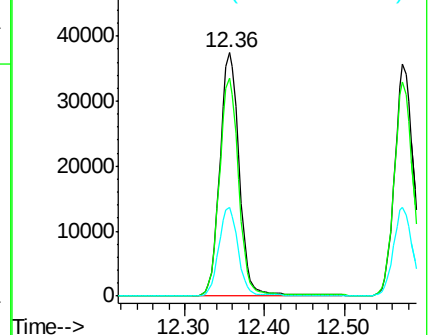
115 36.5 29.4 44.0

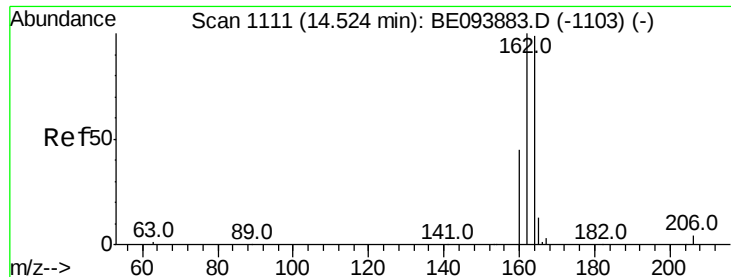


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

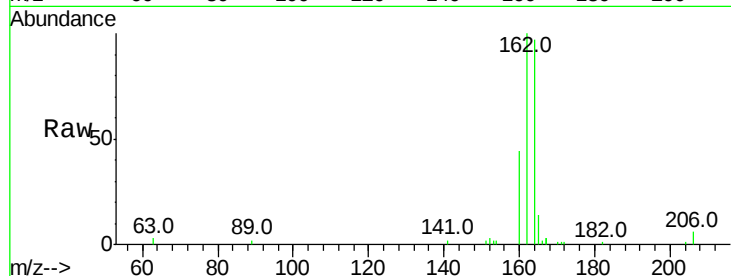
BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:164 Resp: 5787

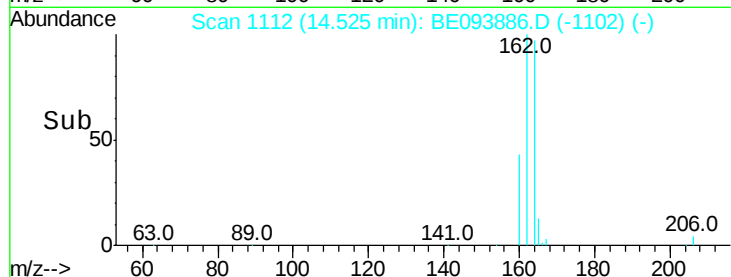
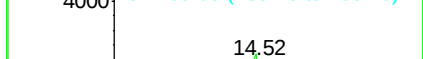
Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.8	121.2
160	45.2	37.0	55.4



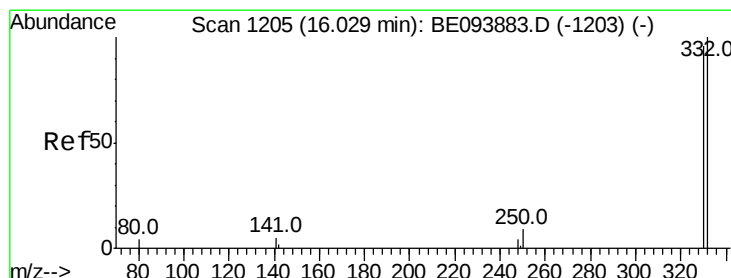
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 3.727 ng

RT: 16.00 min Scan# 1205

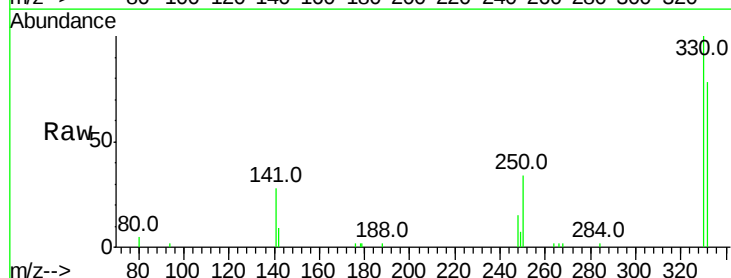
Delta R.T. -0.03 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Tgt Ion:330 Resp: 5811

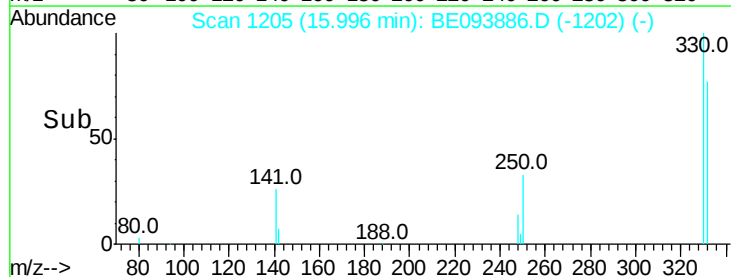
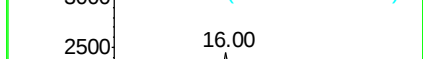
Ion	Ratio	Lower	Upper
330	100		
332	85.6	76.9	115.3
141	0.0	0.0	0.0



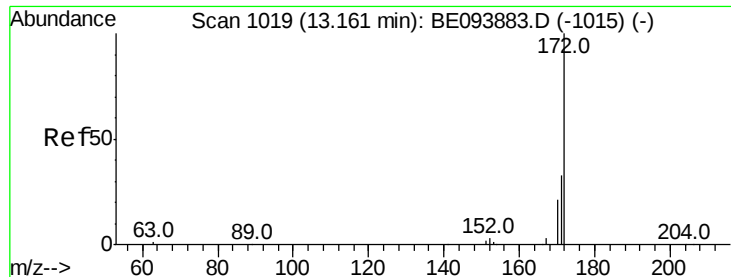
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



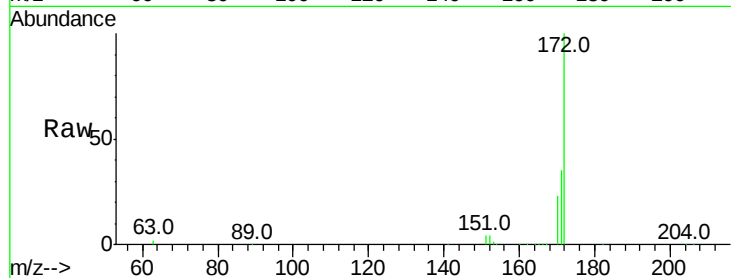
Time-->



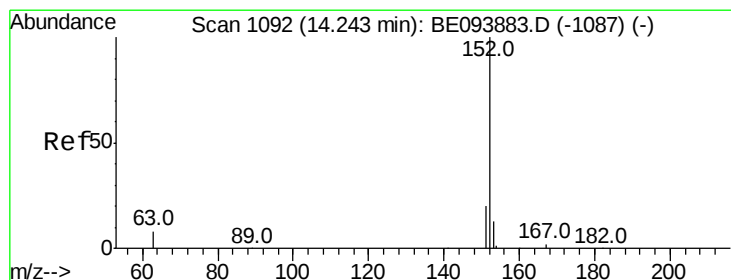
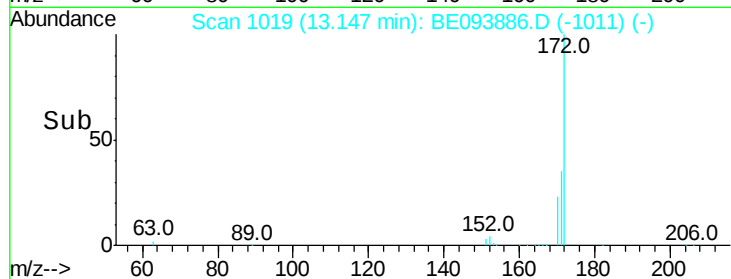
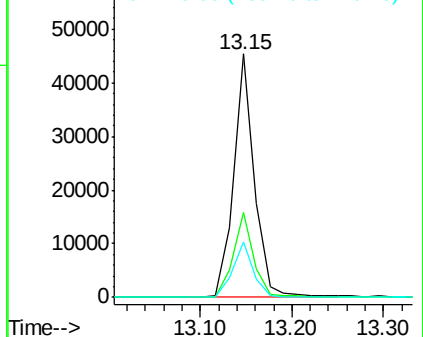
#15
2-Fluorobiphenyl
Concen: 3.125 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:172 Resp: 70942
Ion Ratio Lower Upper
172 100
171 34.6 26.9 40.3
170 22.7 17.3 25.9

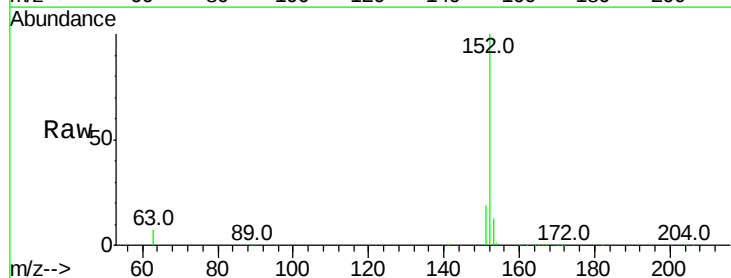


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

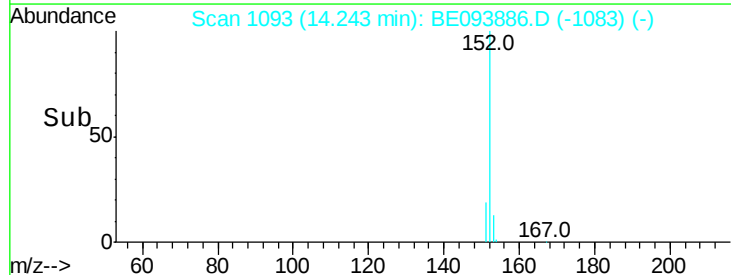
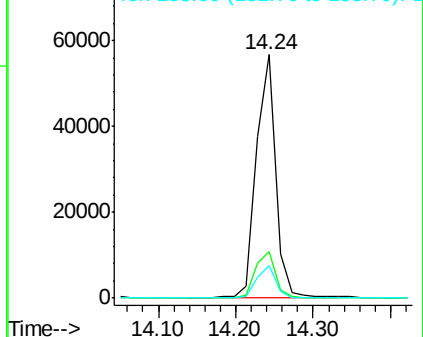


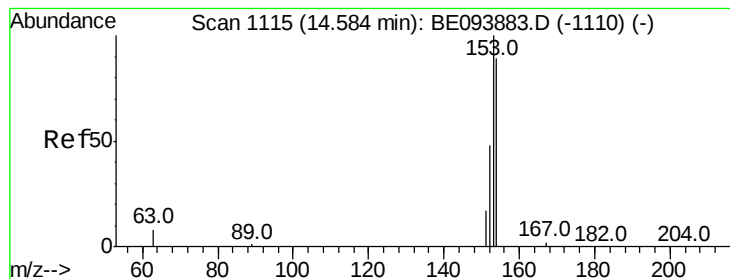
#16
Acenaphthylene
Concen: 3.406 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:152 Resp: 98320
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 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: 3.232 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

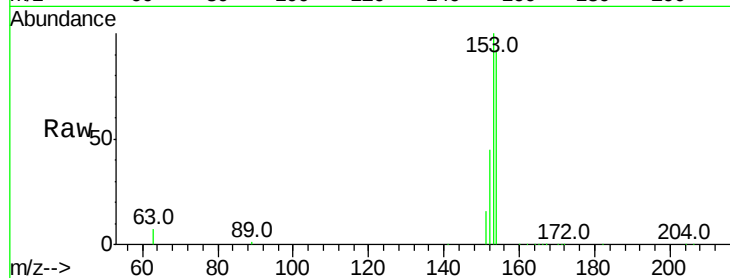
Tot Ion:154 Resp: 62774

Ion Ratio Lower Upper

154 100

153 111.8 91.8 137.6

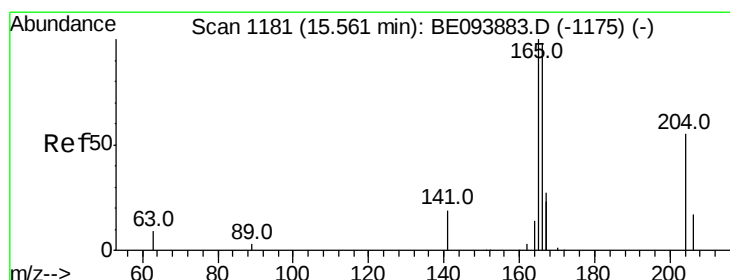
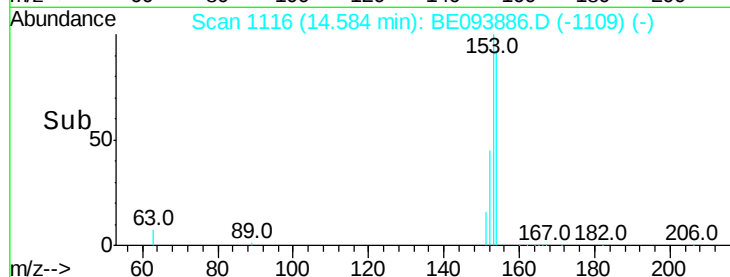
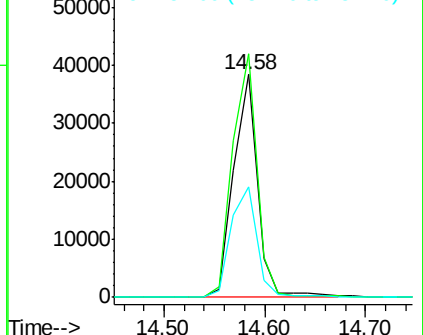
152 53.0 44.9 67.3



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: 3.188 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

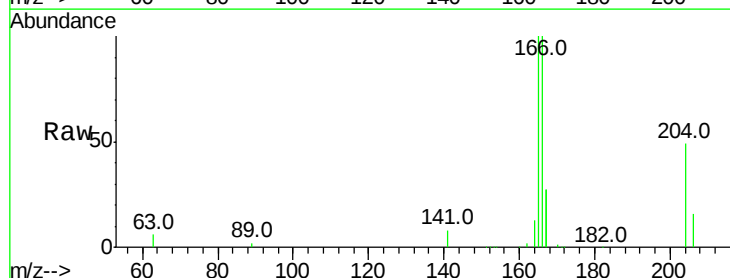
Tgt Ion:166 Resp: 80133

Ion Ratio Lower Upper

166 100

165 98.8 79.4 119.0

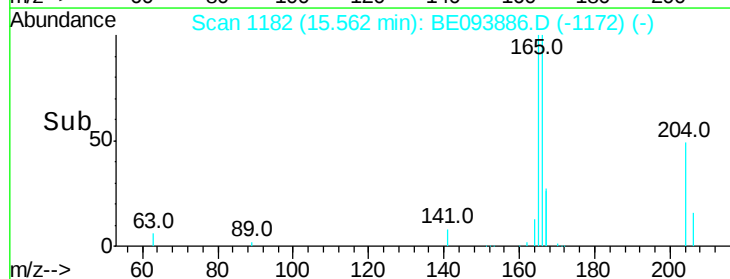
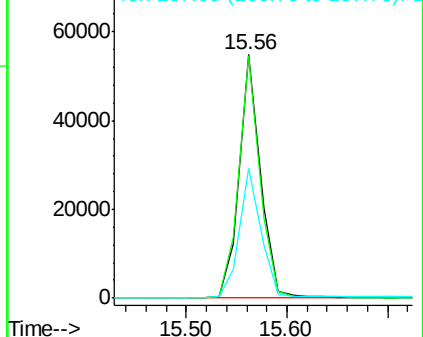
167 53.8 43.5 65.3

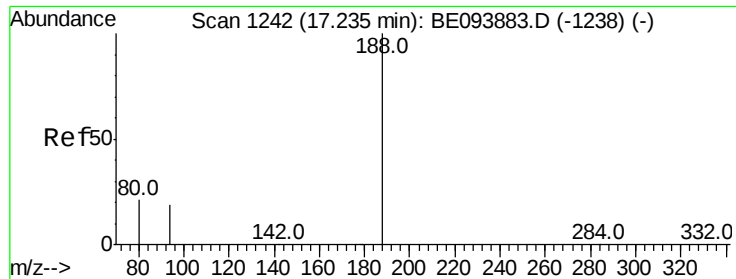


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

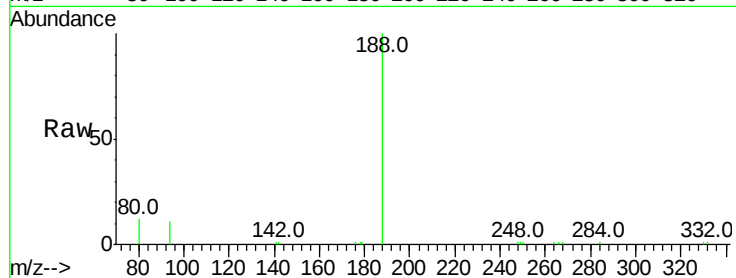
Tot Ion:188 Resp: 15011

Ion Ratio Lower Upper

188 100

94 11.3 16.1 24.1#

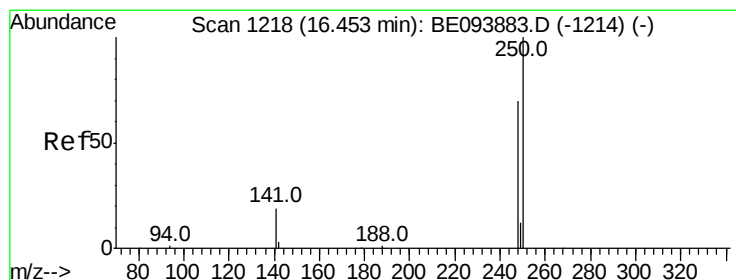
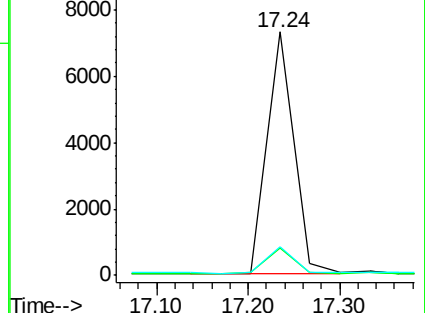
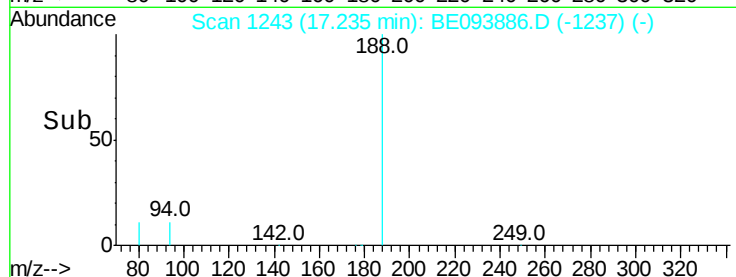
80 11.6 18.2 27.2#



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: 3.170 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

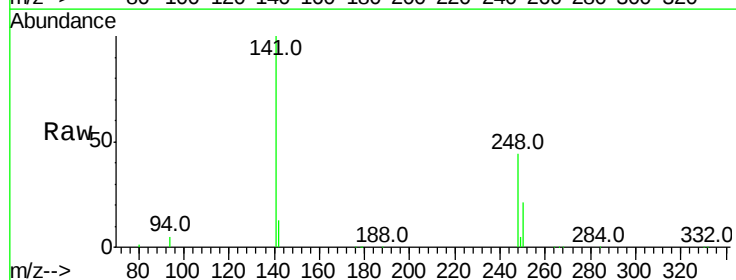
Tgt Ion:248 Resp: 14554

Ion Ratio Lower Upper

248 100

250 47.1 111.8 167.8#

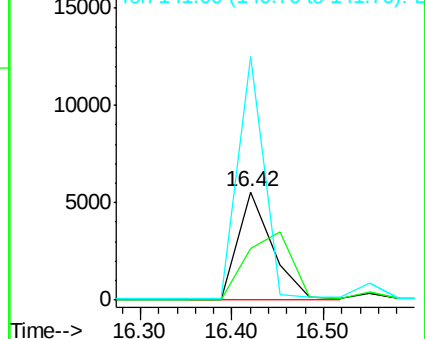
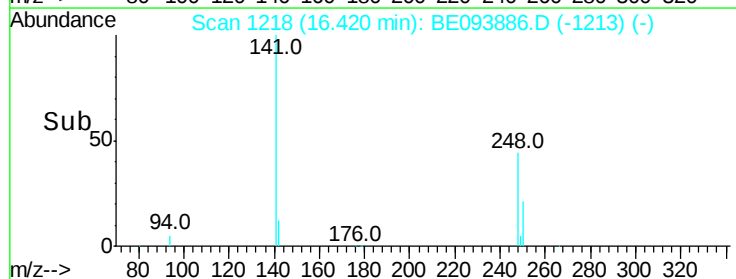
141 224.9 27.1 40.7#

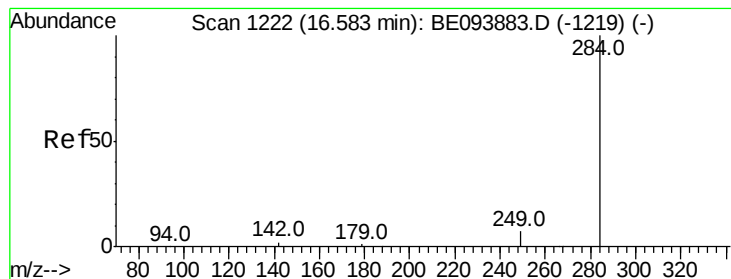


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.796 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

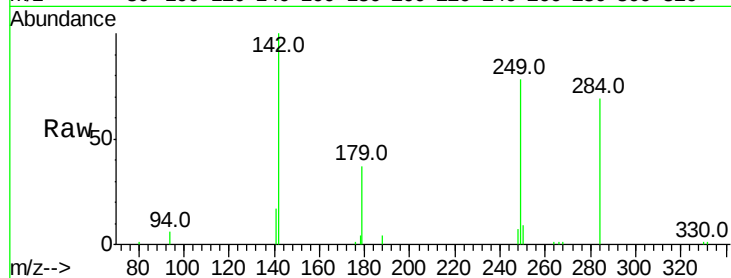
Tot Ion:284 Resp: 13108

Ion Ratio Lower Upper

284 100

142 76.0 0.0 0.0#

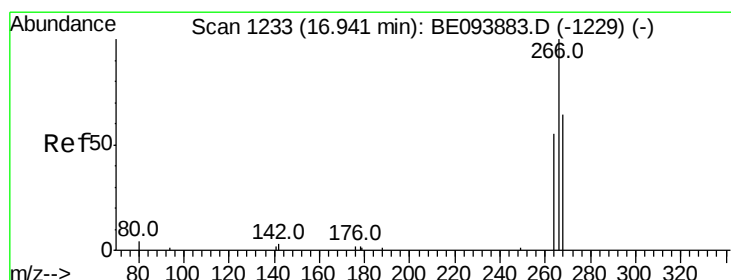
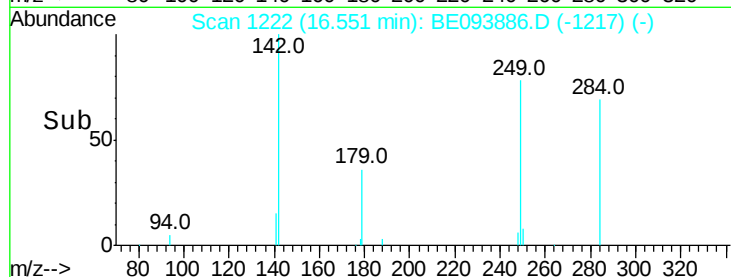
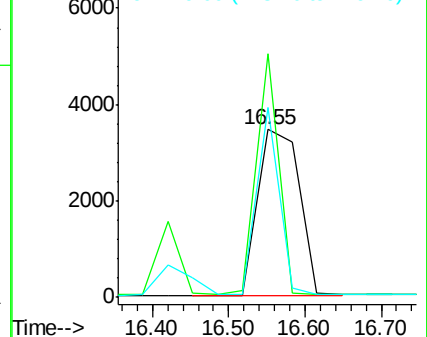
249 59.8 0.0 0.0#



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: 3.240 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

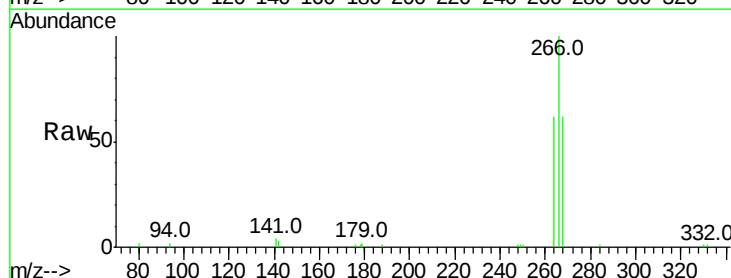
Tgt Ion:266 Resp: 9546

Ion Ratio Lower Upper

266 100

264 62.4 53.5 80.3

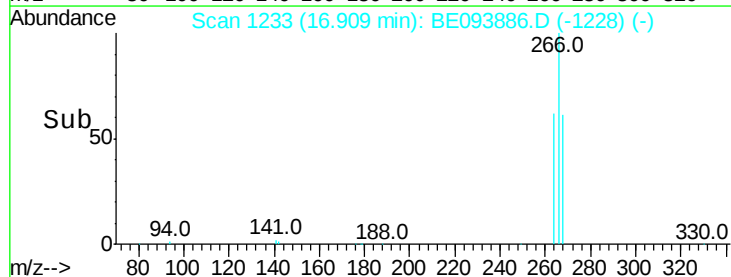
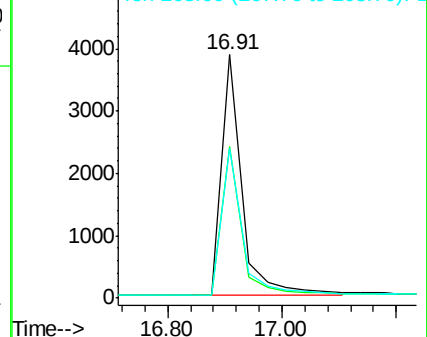
268 61.5 60.0 90.0

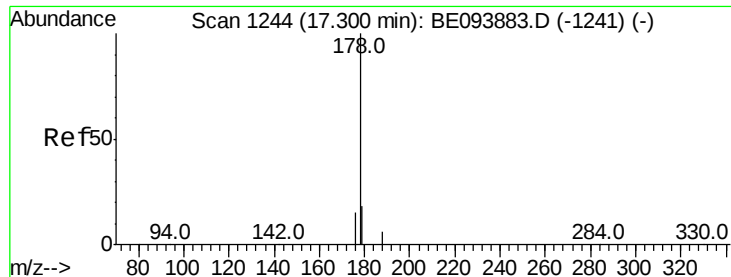


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.039 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

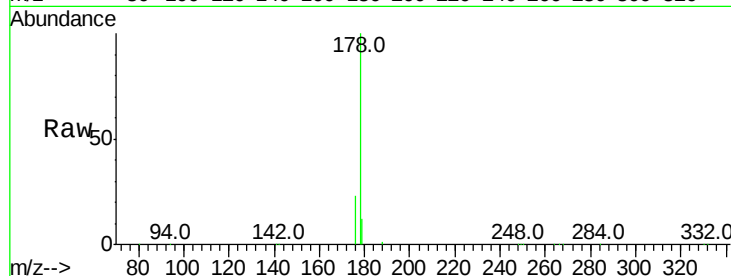
Tot Ion:178 Resp: 99929

Ion Ratio Lower Upper

178 100

176 21.8 0.0 0.0#

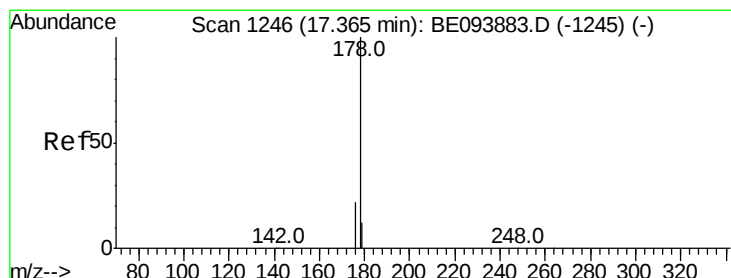
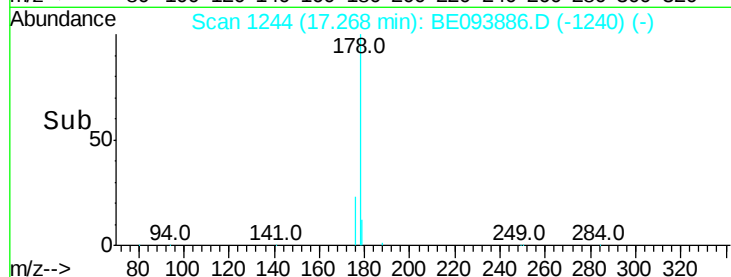
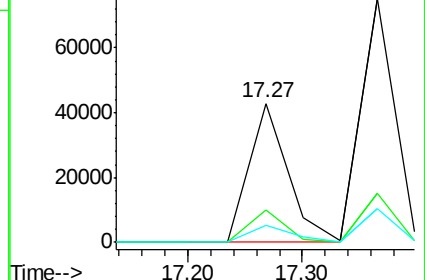
179 0.0 12.6 18.8#



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: 3.244 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

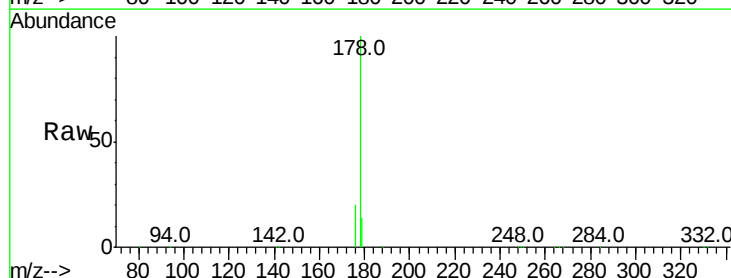
Tgt Ion:178 Resp: 151533

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

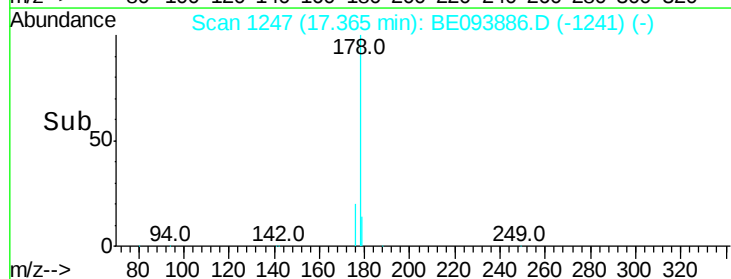
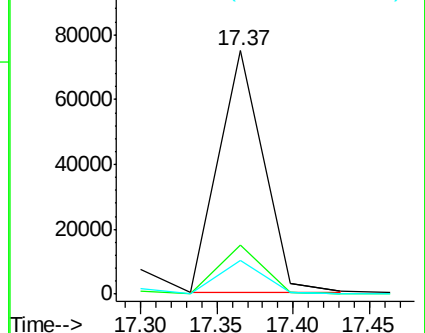
179 23.3 0.0 0.0#

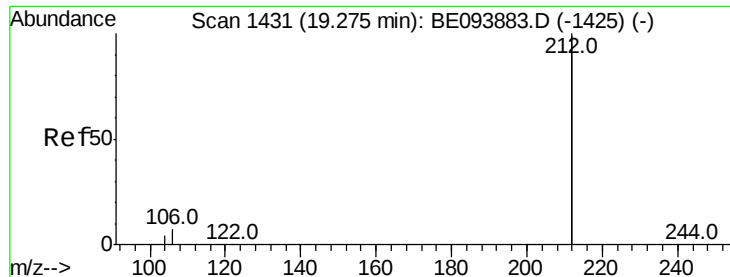


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 2.739 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

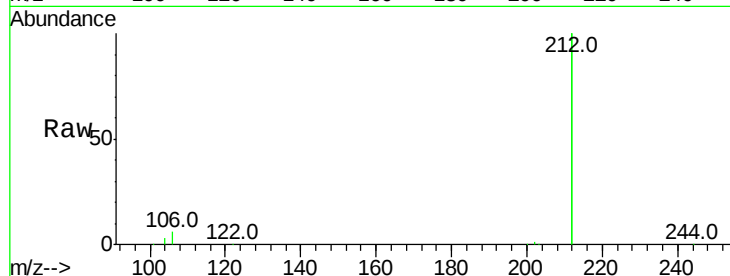
Tot Ion:212 Resp: 469016

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

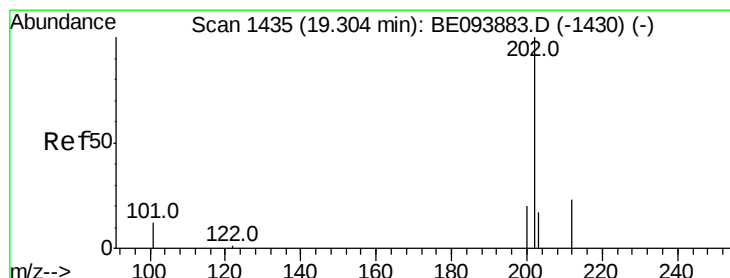
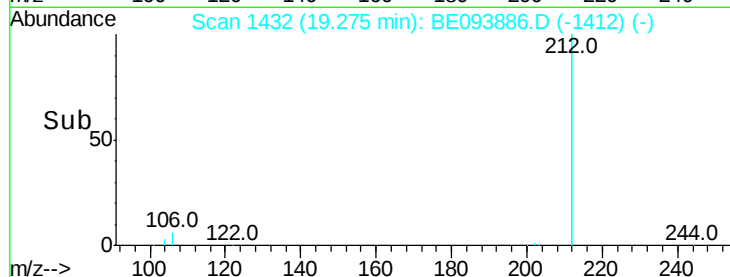
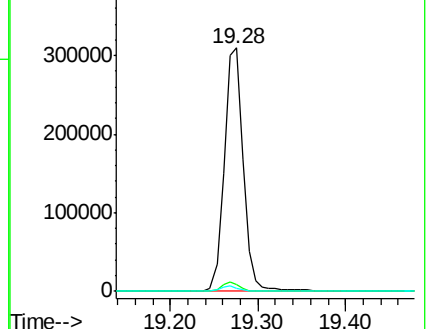
104 1.9 1.6 2.4



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: 2.705 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

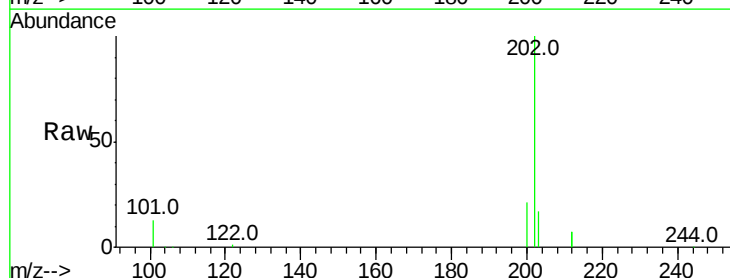
Tgt Ion:202 Resp: 141513

Ion Ratio Lower Upper

202 100

101 12.4 9.7 14.5

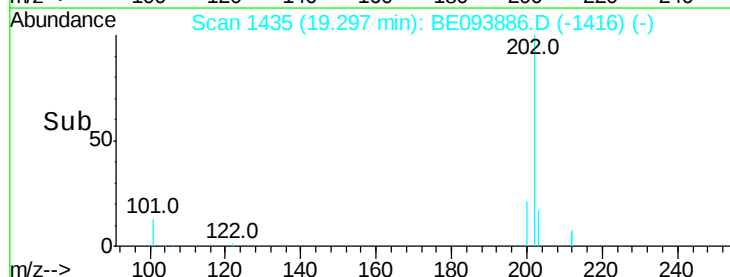
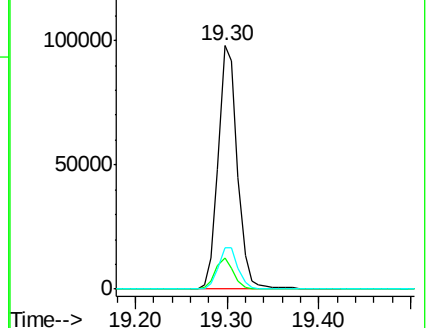
203 17.5 13.7 20.5

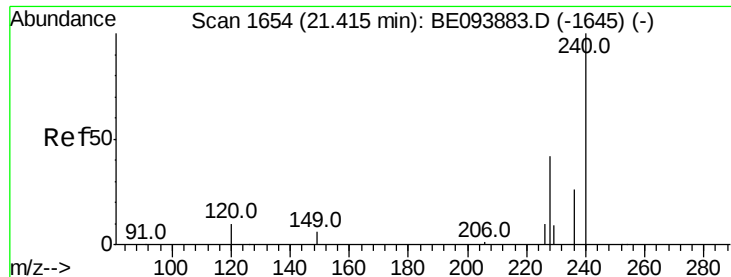


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

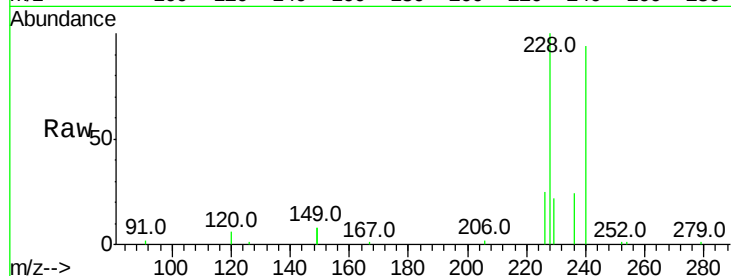
Tot Ion:240 Resp: 13431

Ion Ratio Lower Upper

240 100

120 6.4 8.7 13.1#

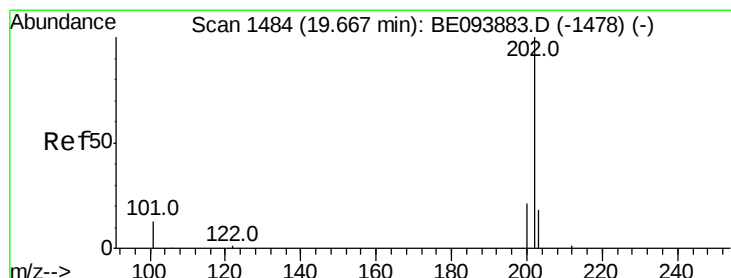
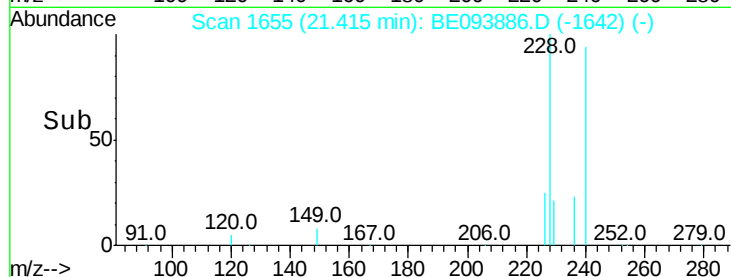
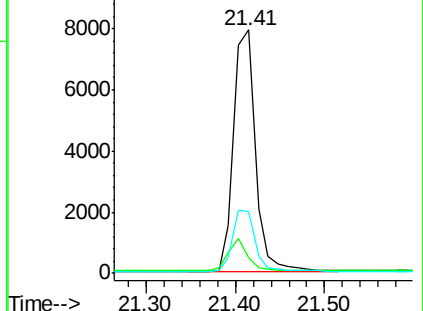
236 25.3 21.3 31.9



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: 3.320 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

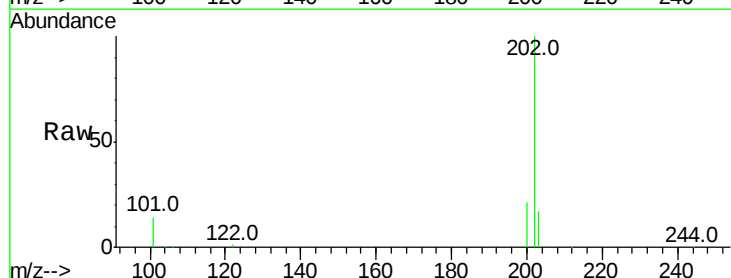
Tgt Ion:202 Resp: 145909

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

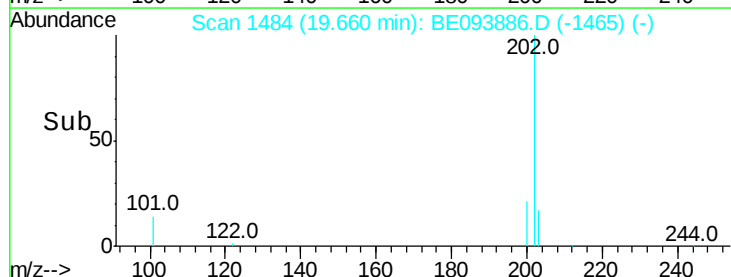
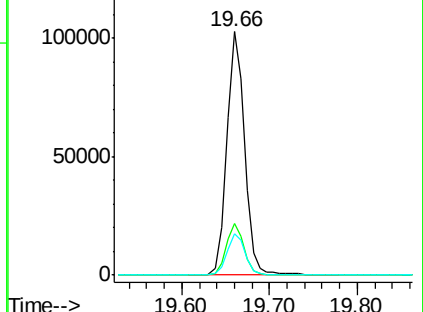
203 17.5 14.2 21.4

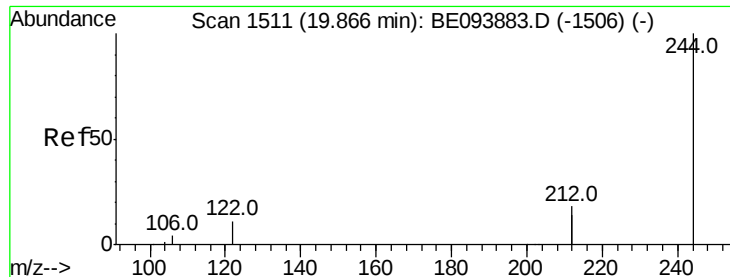


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.287 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

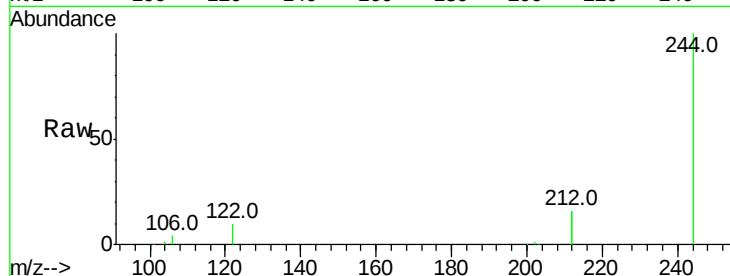
Tot Ion:244 Resp: 78623

Ion Ratio Lower Upper

244 100

212 31.5 28.3 42.5

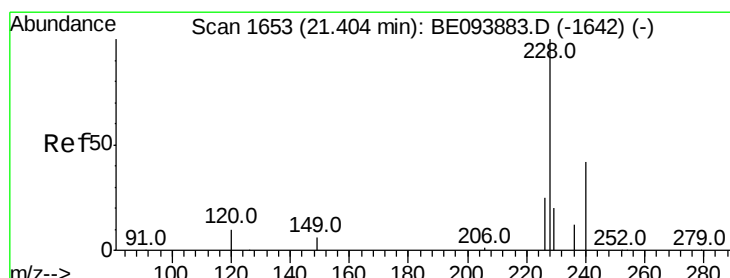
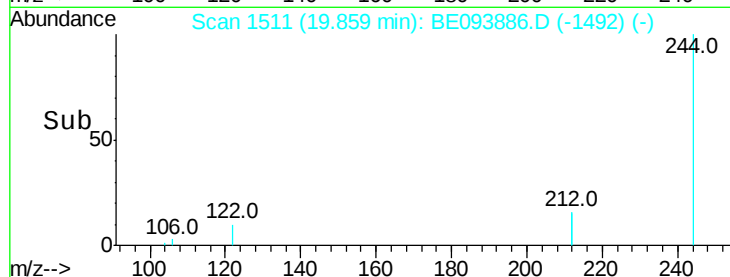
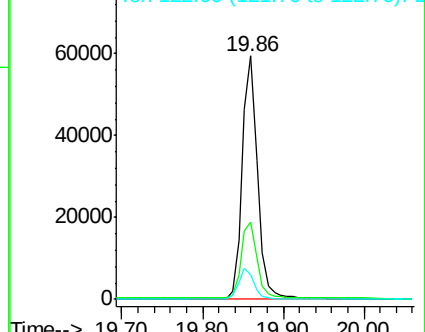
122 10.0 9.4 14.0



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: 3.158 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

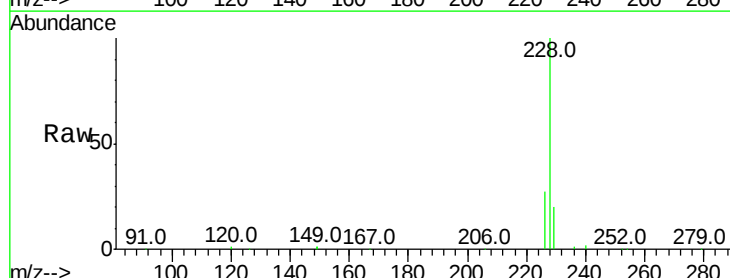
Tgt Ion:228 Resp: 132312

Ion Ratio Lower Upper

228 100

226 26.6 20.8 31.2

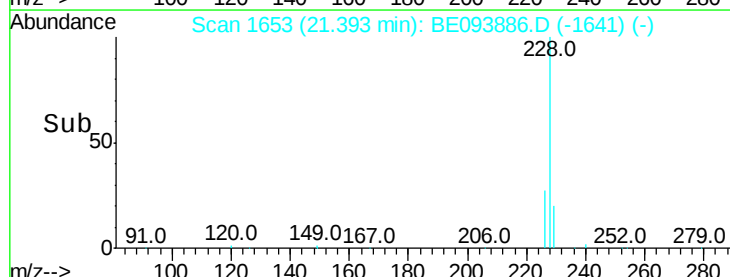
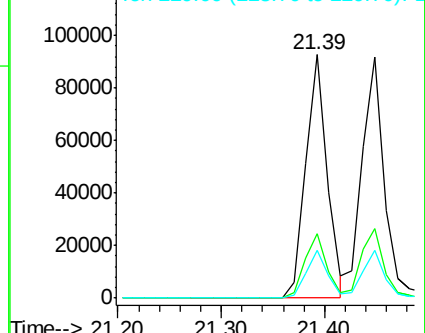
229 19.8 16.6 25.0

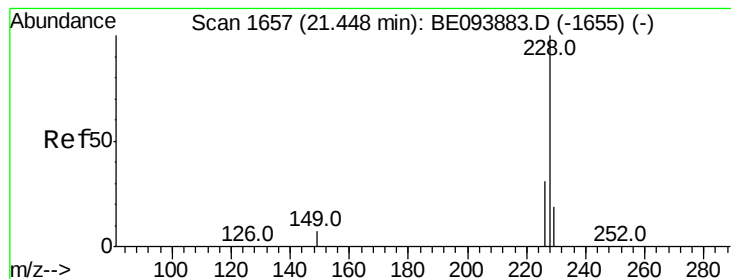


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.201 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

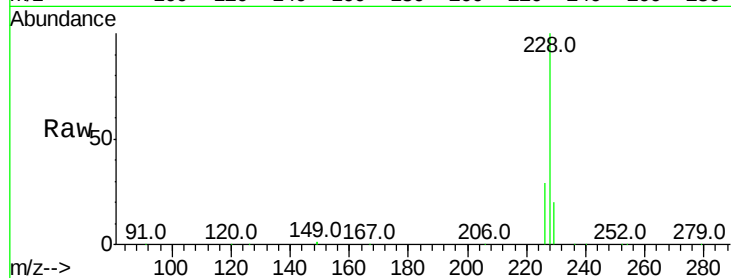
Tot Ion:228 Resp: 139092

Ion Ratio Lower Upper

228 100

226 28.7 24.6 37.0

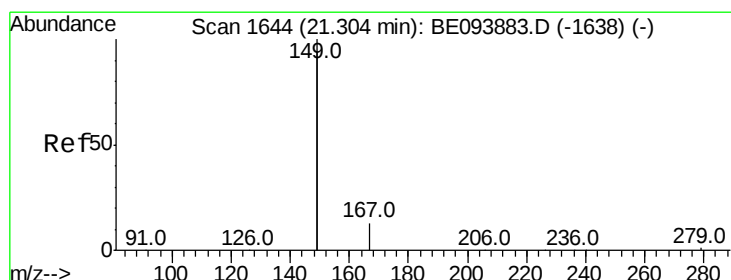
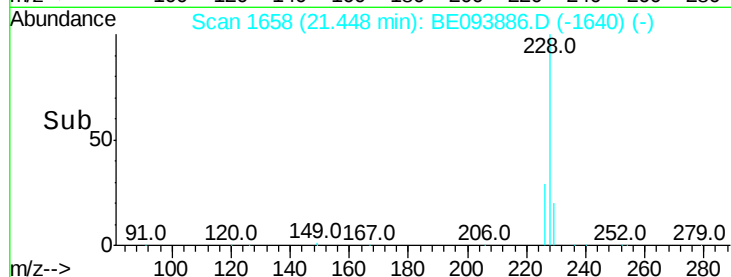
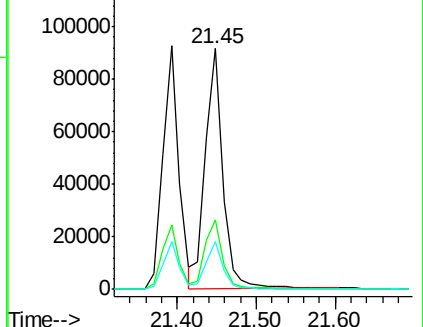
229 20.1 15.8 23.8



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: 3.156 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

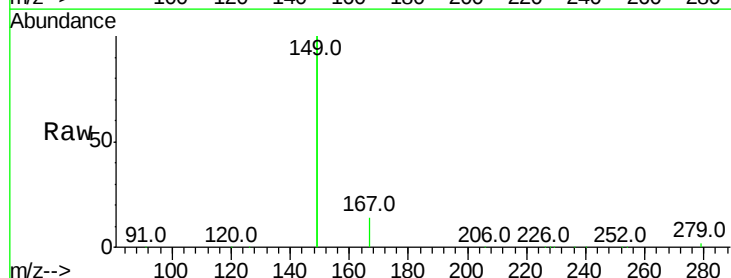
Tgt Ion:149 Resp: 279723

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

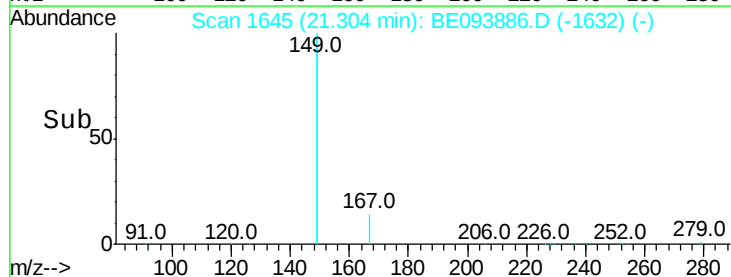
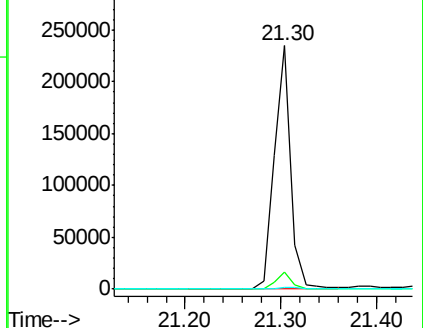
279 0.9 0.7 1.1

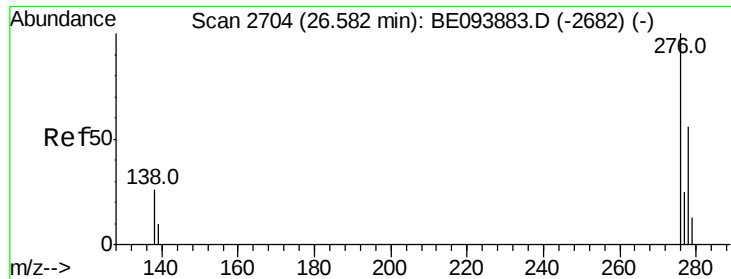


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

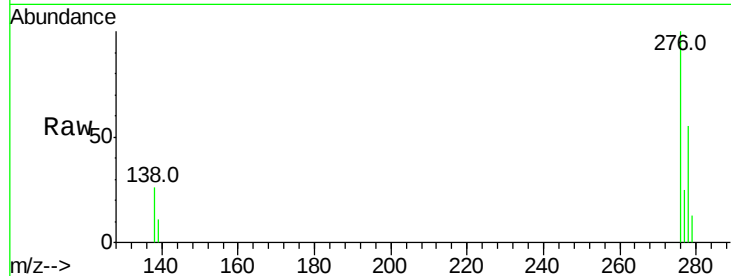




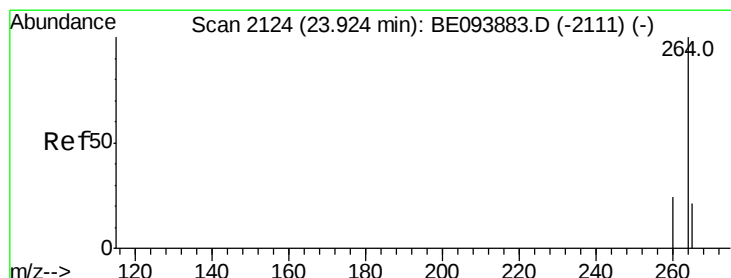
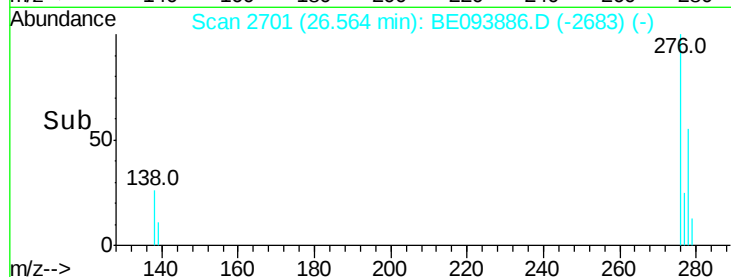
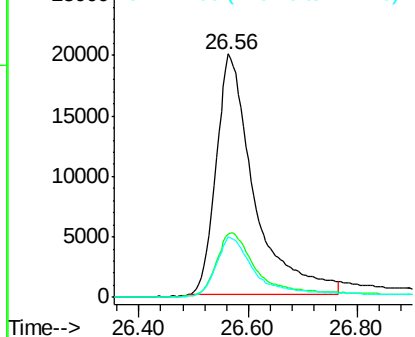
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.462 ng
 RT: 26.56 min Scan# 2701
 Delta R.T. -0.02 min
 Lab File: BE093886.D
 Acq: 26 Aug 2017 12:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:276 Resp: 97436
 Ion Ratio Lower Upper
 276 100
 138 27.7 22.2 33.2
 277 25.0 19.5 29.3

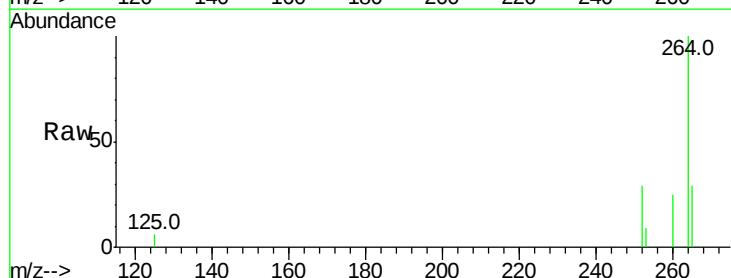


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

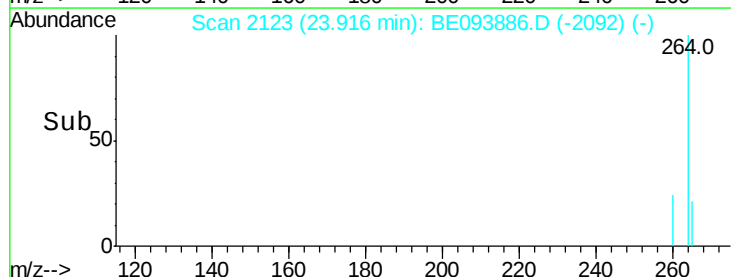
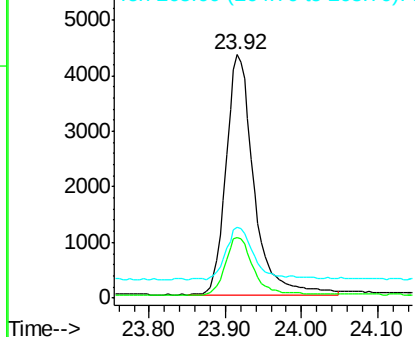


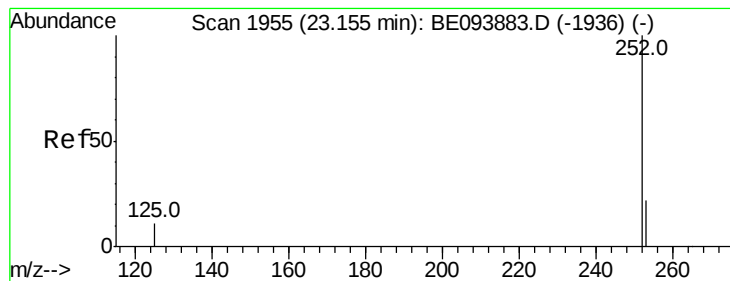
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BE093886.D
 Acq: 26 Aug 2017 12:12

Tgt Ion:264 Resp: 10926
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 28.9 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: 3.168 ng

RT: 23.15 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

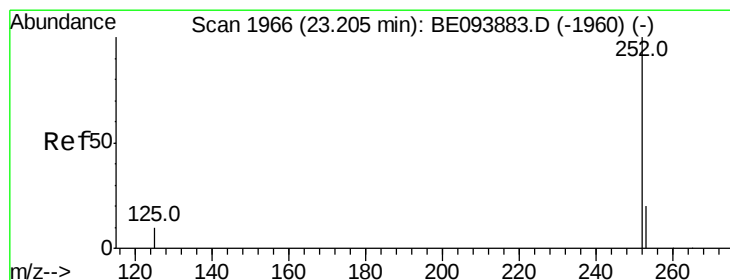
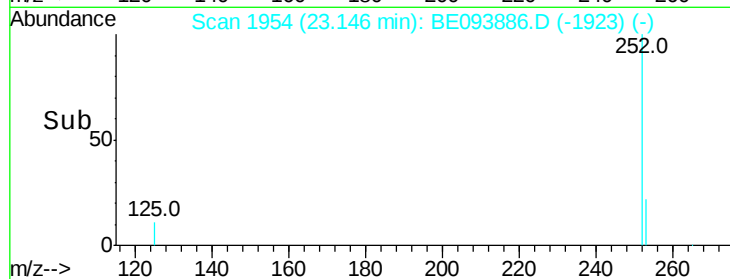
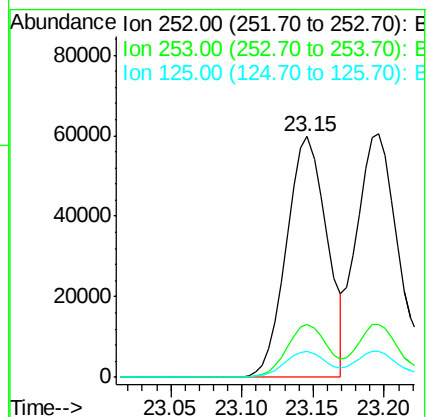
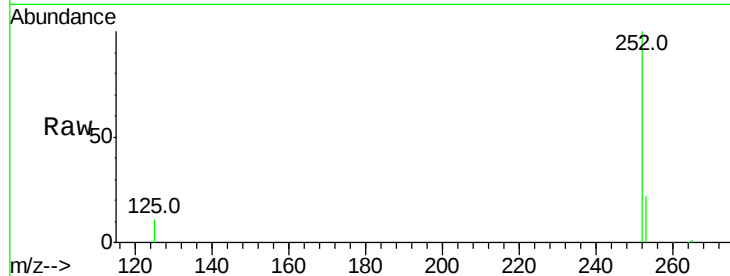
Tot Ion:252 Resp: 116670

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.0

125 10.8 10.0 15.0



#36

Benzo(k)fluoranthene

Concen: 3.340 ng

RT: 23.20 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

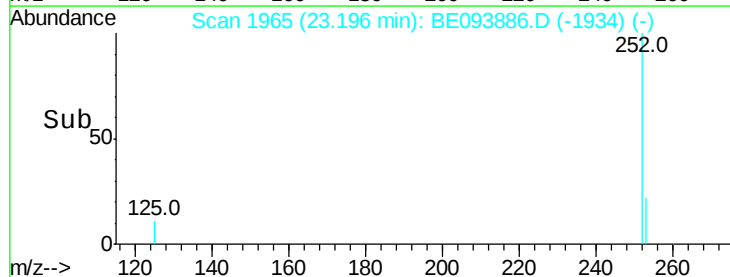
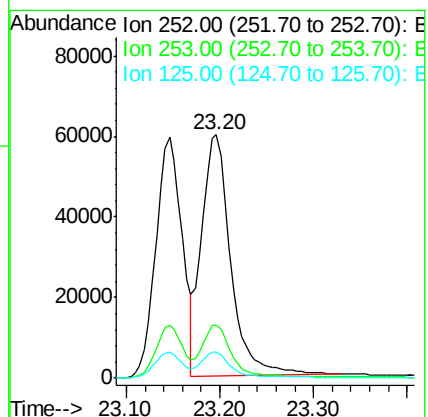
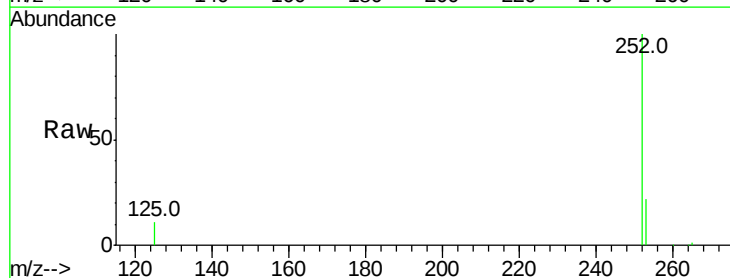
Tgt Ion:252 Resp: 129294

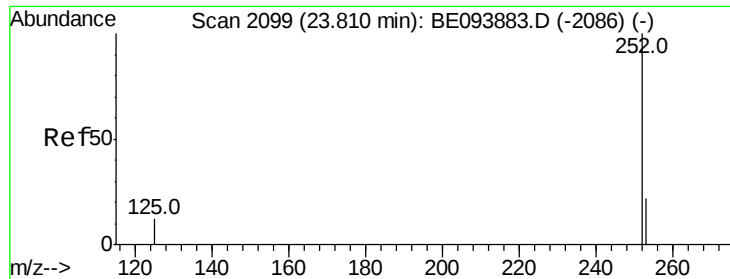
Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 10.8 9.8 14.6





#37

Benzo(a)pyrene

Concen: 3.193 ng

RT: 23.80 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

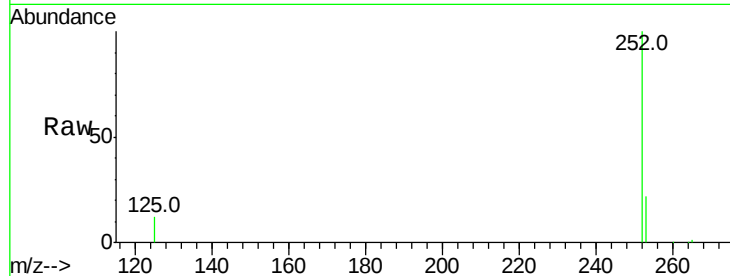
Tot Ion:252 Resp: 112389

Ion Ratio Lower Upper

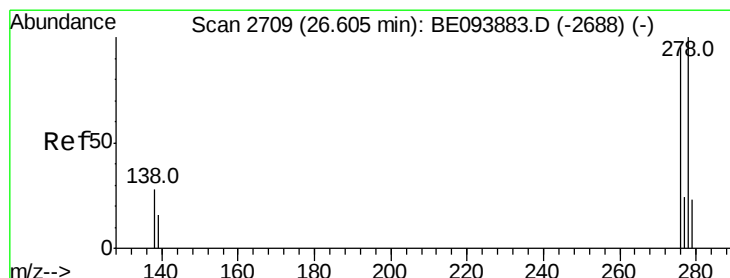
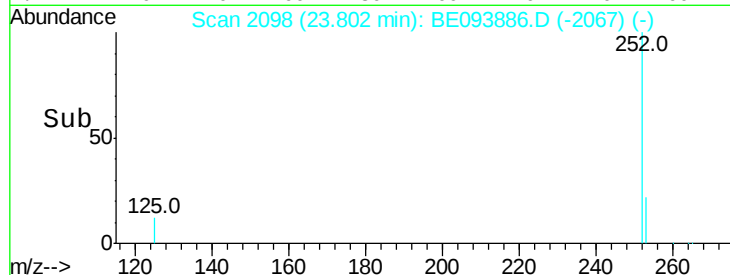
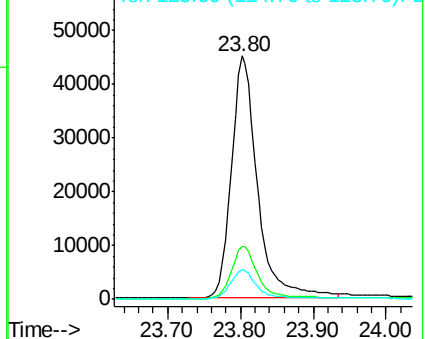
252 100

253 21.9 19.6 29.4

125 12.1 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: 2.637 ng

RT: 26.59 min Scan# 2706

Delta R.T. -0.02 min

Lab File: BE093886.D

Acq: 26 Aug 2017 12:12

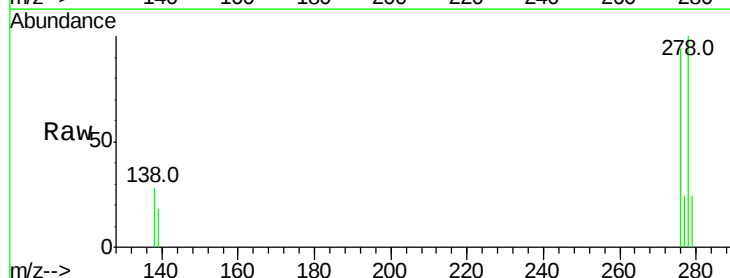
Tgt Ion:278 Resp: 83873

Ion Ratio Lower Upper

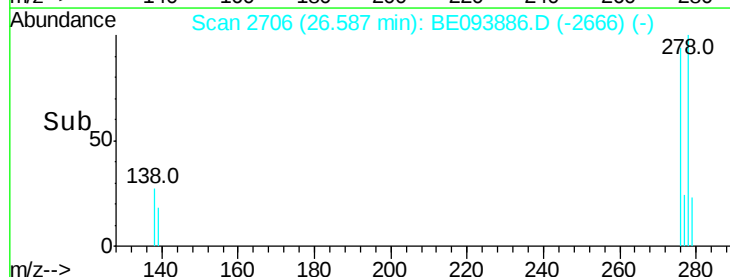
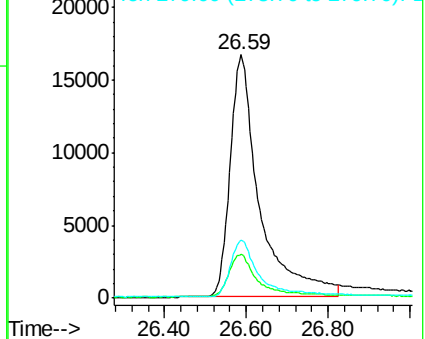
278 100

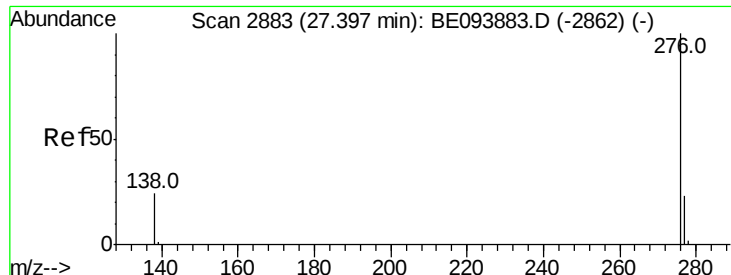
139 18.0 16.7 25.1

279 23.8 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: 2.665 ng

RT: 27.38 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BE093886.D

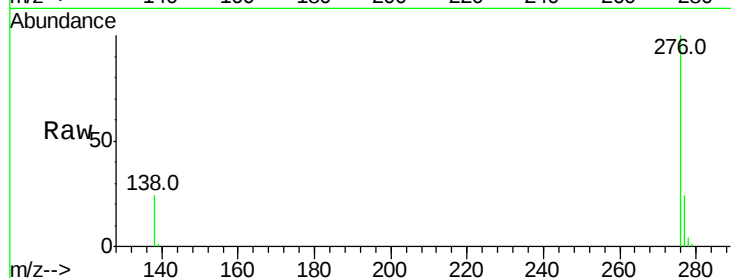
Acq: 26 Aug 2017 12:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



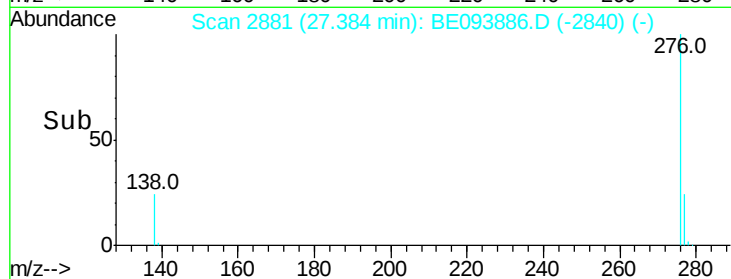
Tot Ion:276 Resp: 85799

Ion Ratio Lower Upper

276 100

277 24.0 20.6 30.8

138 23.9 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

