

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
 Data File : BE093882.D
 Acq On : 26 Aug 2017 9:46
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 28 02:06:06 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	1852	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9246	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5068	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9935	0.40	ng	0.00
27) Chrysene-d12	21.42	240	12034	0.40	ng	0.00
34) Perylene-d12	23.92	264	10045	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1095	0.18	ng	0.00
5) Phenol-d6	7.10	99	1768	0.20	ng	0.00
8) Nitrobenzene-d5	9.06	82	1511	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	2929	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	246	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	4114	0.21	ng	0.00
25) Fluoranthene-d10	19.28	212	25505	0.23	ng	0.00
29) Terphenyl-d14	19.87	244	4345	0.20	ng	0.00

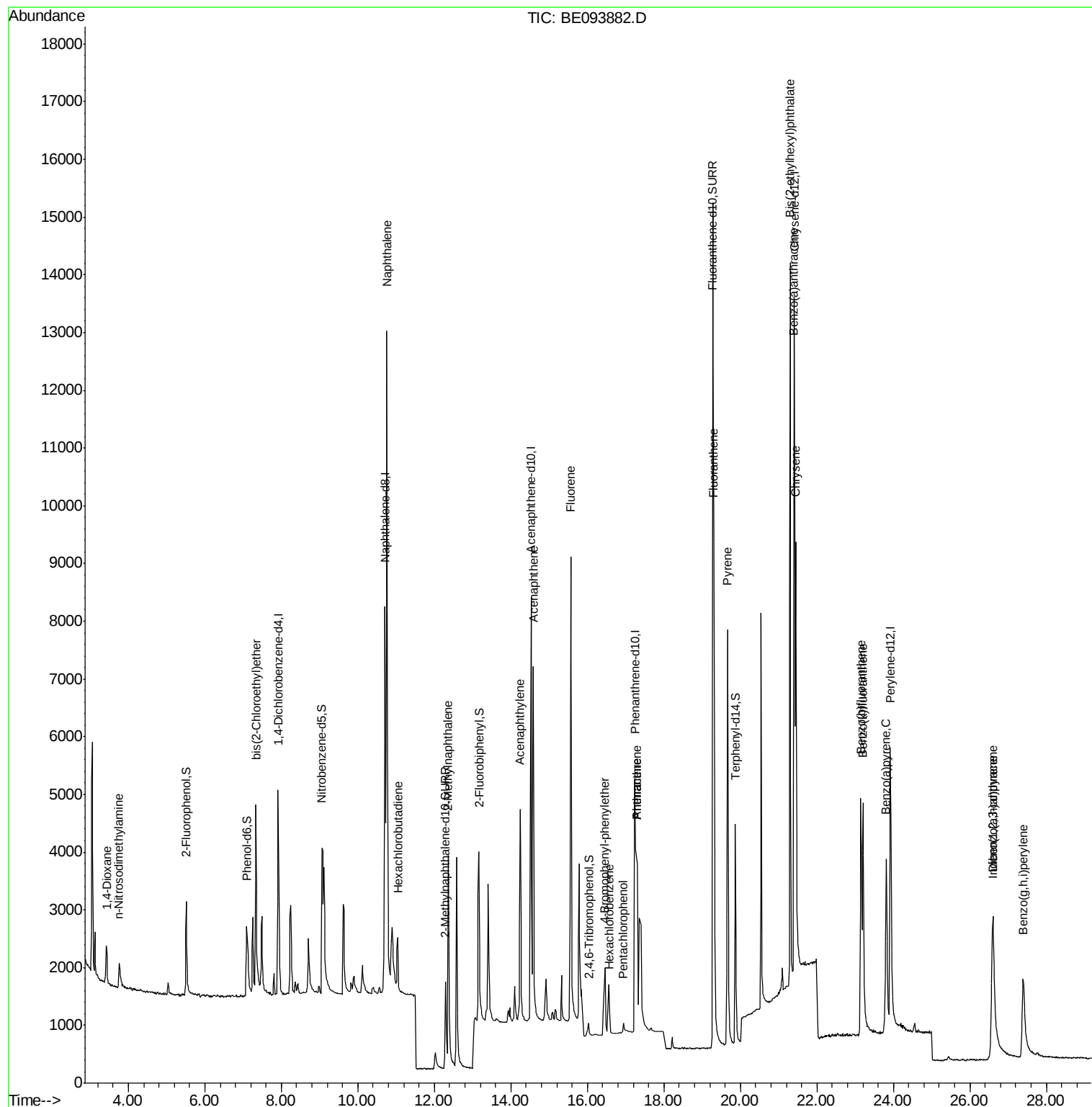
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	557	0.203	ng	98
3) n-Nitrosodimethylamine	3.75	42	514	0.181	ng	# 95
6) bis(2-Chloroethyl)ether	7.34	93	1316	0.187	ng	96
9) Naphthalene	10.76	128	21943	0.207	ng	99
10) Hexachlorobutadiene	11.04	225	764	0.197	ng	99
12) 2-Methylnaphthalene	12.36	142	3637	0.205	ng	99
16) Acenaphthylene	14.24	152	4908	0.194	ng	100
17) Acenaphthene	14.58	154	3425	0.201	ng	99
18) Fluorene	15.56	166	4481	0.204	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	1040	0.342	ng	# 85
21) Hexachlorobenzene	16.58	284	890	0.287	ng	# 100
22) Pentachlorophenol	16.94	266	287	0.147	ng	92
23) Phenanthrene	17.30	178	5779	0.266	ng	# 100
24) Anthracene	17.30	178	5763	0.186	ng	# 98
26) Fluoranthene	19.31	202	7965	0.230	ng	100
28) Pyrene	19.67	202	8389	0.213	ng	99
30) Benzo(a)anthracene	21.40	228	7318	0.195	ng	100
31) Chrysene	21.45	228	8384	0.215	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	15294	0.193	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	5467	0.154	ng	94
35) Benzo(b)fluoranthene	23.15	252	6604	0.195	ng	97
36) Benzo(k)fluoranthene	23.21	252	7587	0.213	ng	94
37) Benzo(a)pyrene	23.81	252	6544	0.202	ng	94
38) Dibenzo(a,h)anthracene	26.61	278	4181	0.143	ng	# 92
39) Benzo(g,h,i)perylene	27.40	276	5164	0.174	ng	96

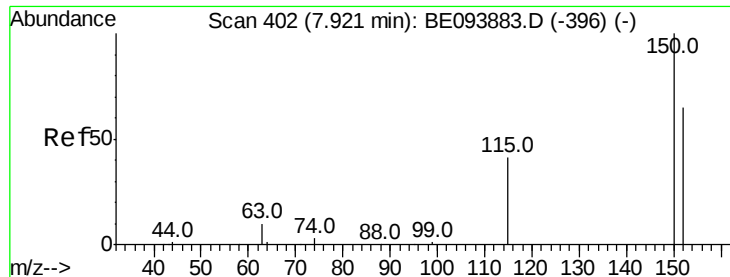
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 28 01:59:34 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

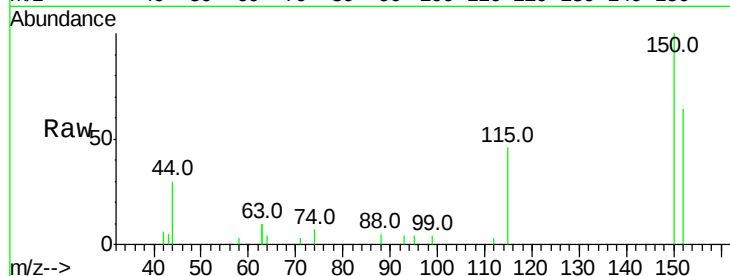
Tot Ion:152 Resp: 1852

Ion Ratio Lower Upper

152 100

150 156.1 121.8 182.6

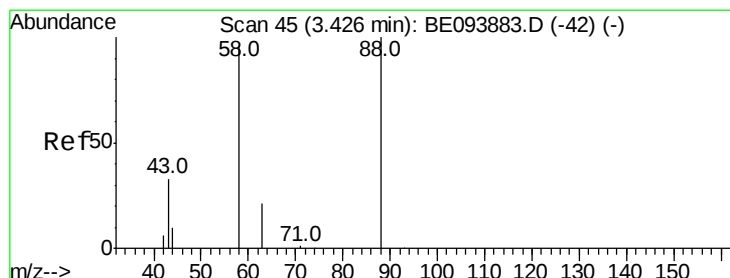
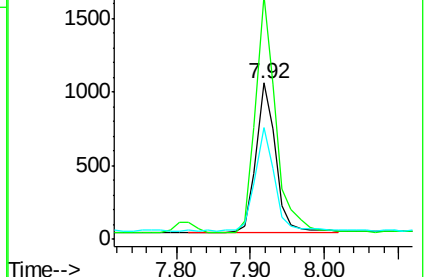
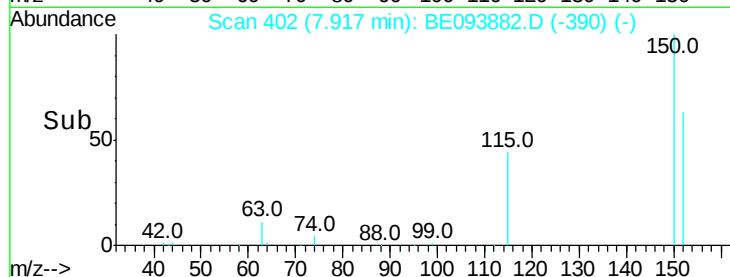
115 71.9 52.6 79.0



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: 0.203 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

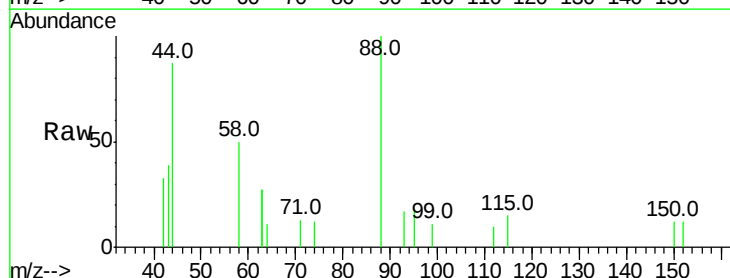
Tgt Ion: 88 Resp: 557

Ion Ratio Lower Upper

88 100

58 80.1 65.4 98.0

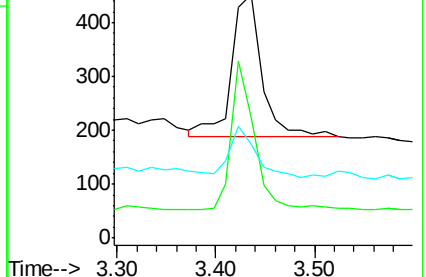
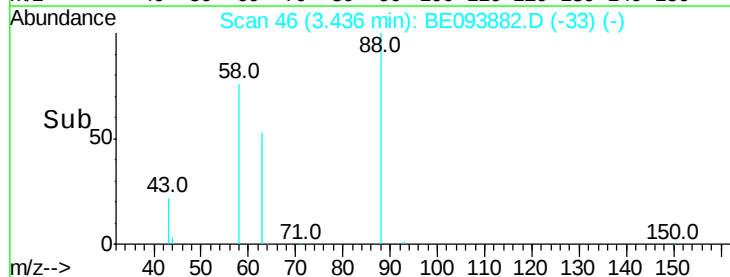
43 30.5 23.9 35.9

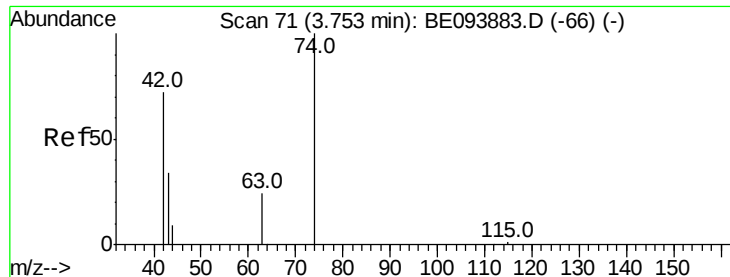


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.181 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

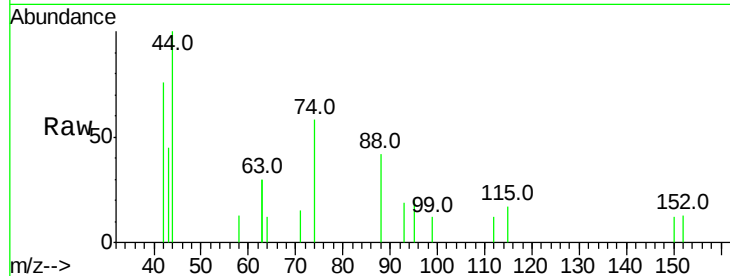
Tot Ion: 42 Resp: 514

Ion Ratio Lower Upper

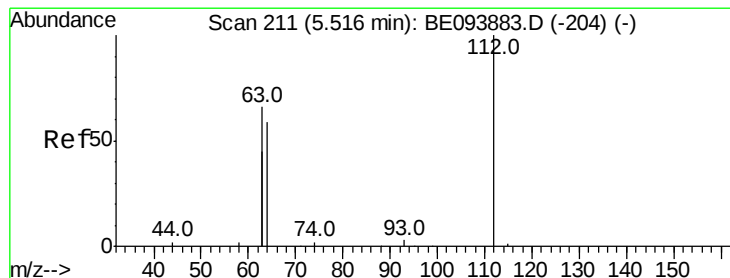
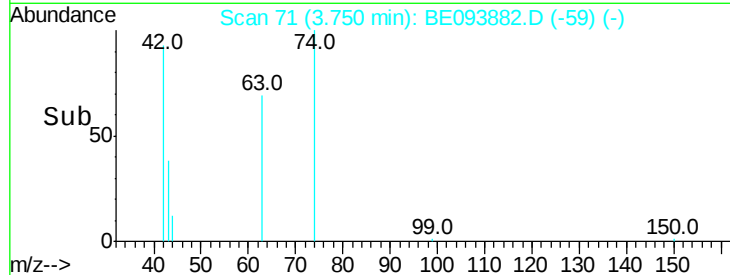
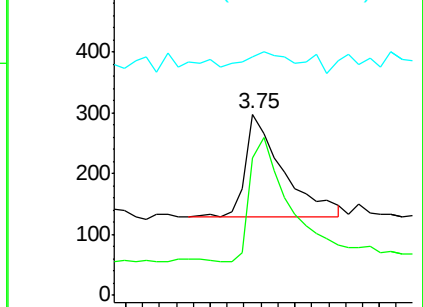
42 100

74 131.3 104.0 156.0

44 33.1 13.8 20.8#



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



#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

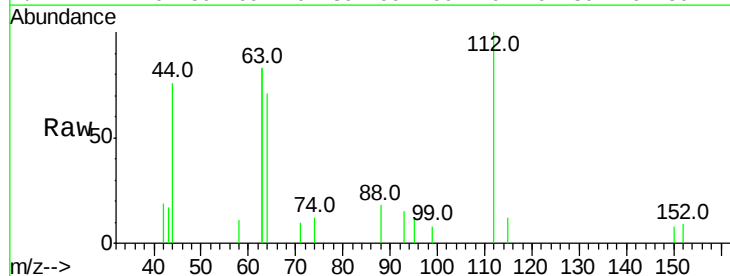
Tgt Ion: 112 Resp: 1095

Ion Ratio Lower Upper

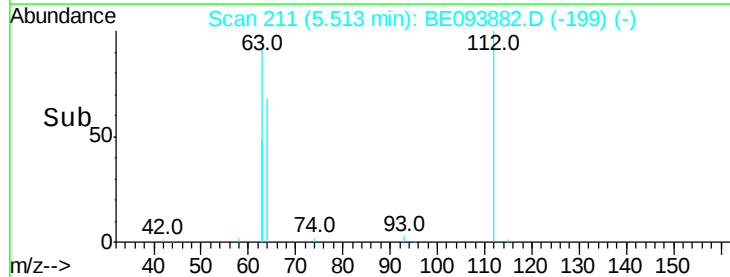
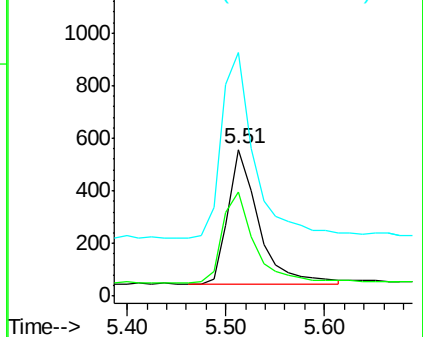
112 100

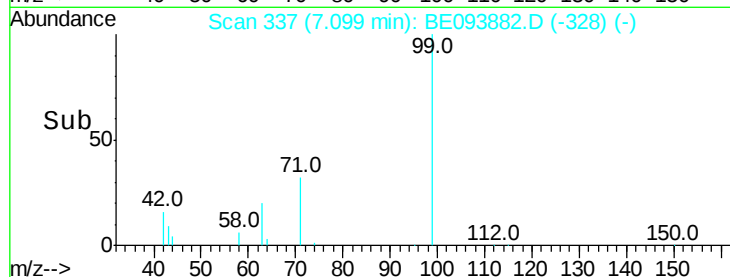
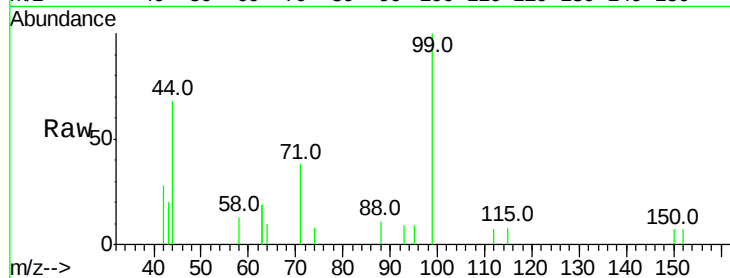
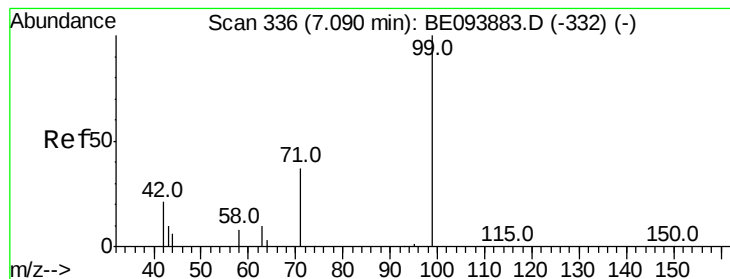
64 73.2 57.7 86.5

63 151.6 116.0 174.0



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: 0.195 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

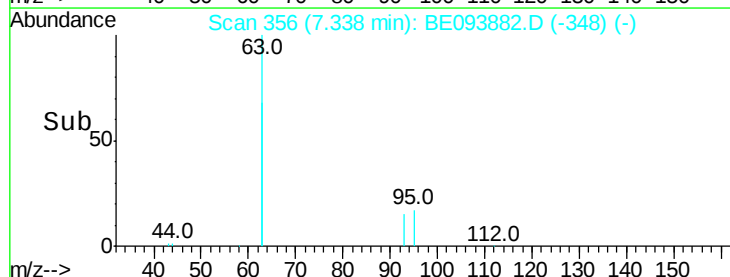
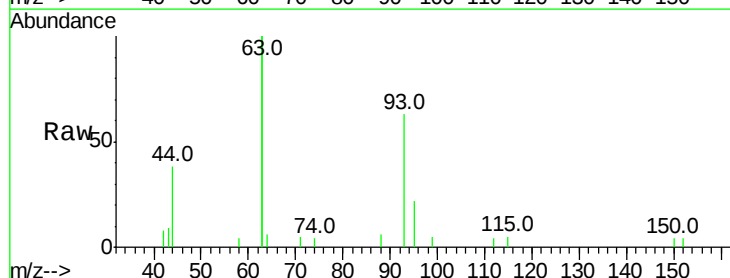
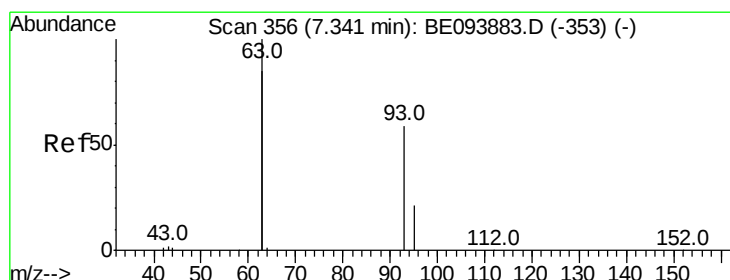
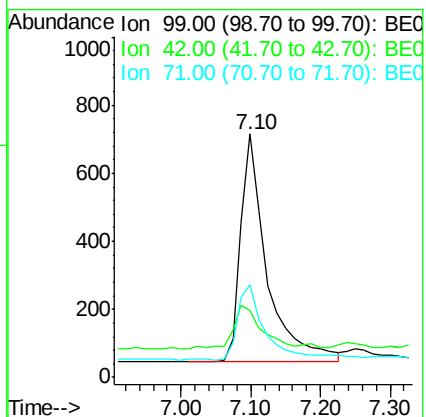
Tot Ion: 99 Resp: 1768

Ion Ratio Lower Upper

99 100

42 20.6 17.1 25.7

71 35.6 26.6 39.8



#6

bis(2-Chloroethyl)ether

Concen: 0.187 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

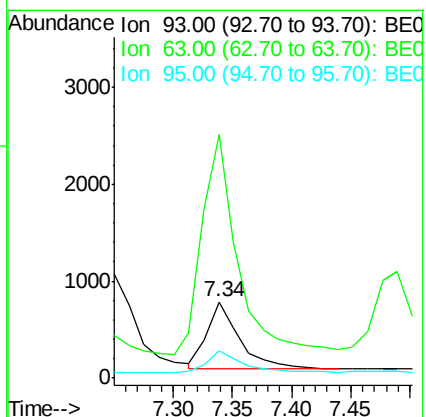
Tgt Ion: 93 Resp: 1316

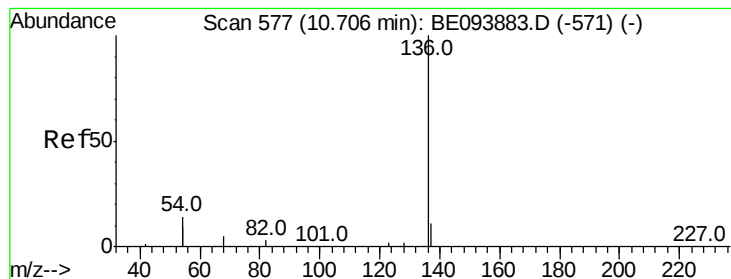
Ion Ratio Lower Upper

93 100

63 364.6 283.4 425.2

95 34.0 26.9 40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 9246

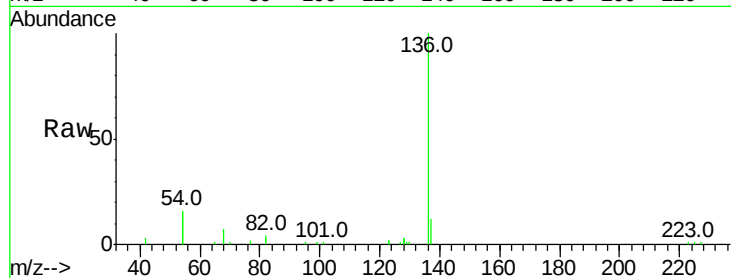
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 31.4 21.9 32.9

68 6.7 4.6 7.0

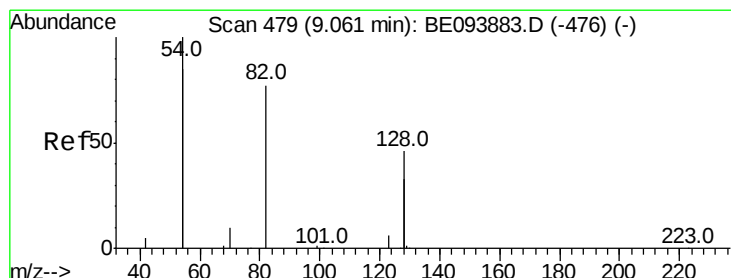
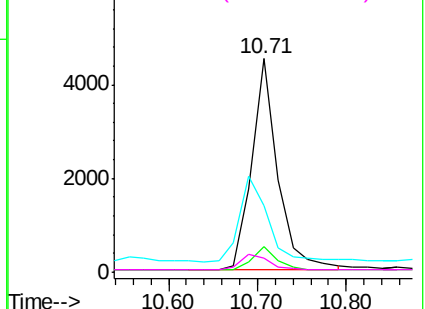
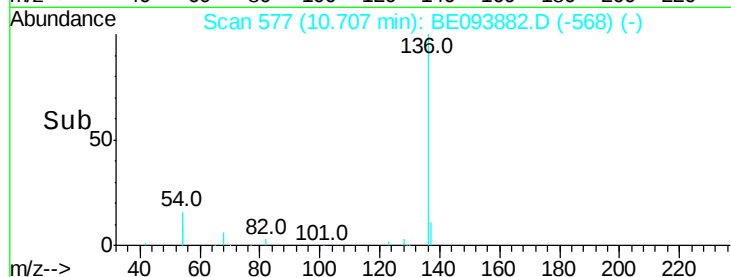


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.192 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

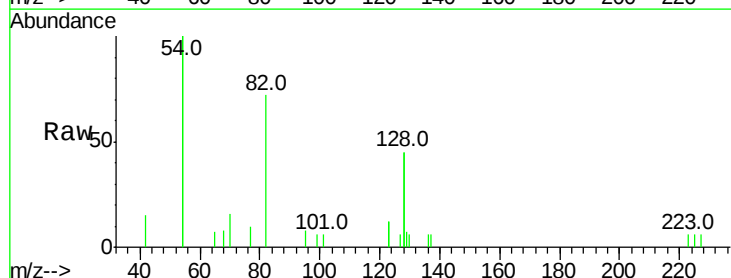
Tgt Ion: 82 Resp: 1511

Ion Ratio Lower Upper

82 100

128 125.3 91.4 137.0

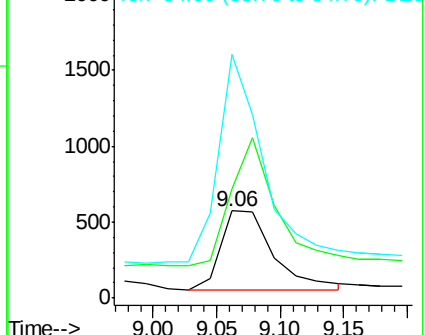
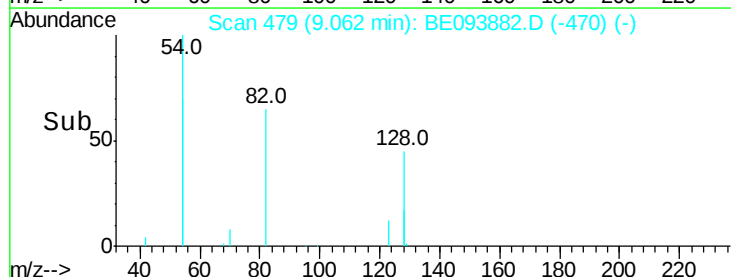
54 278.5 197.8 296.8

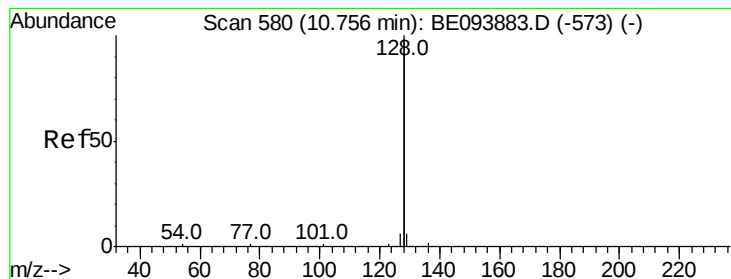


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.207 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

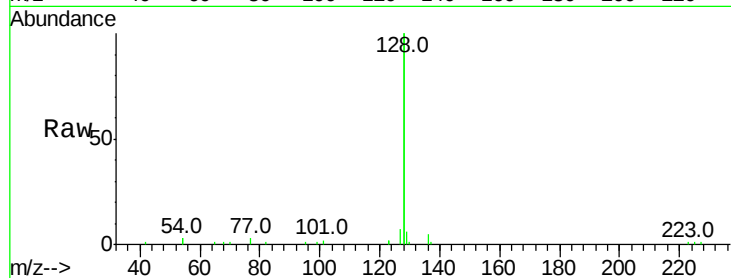
Tot Ion:128 Resp: 21943

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

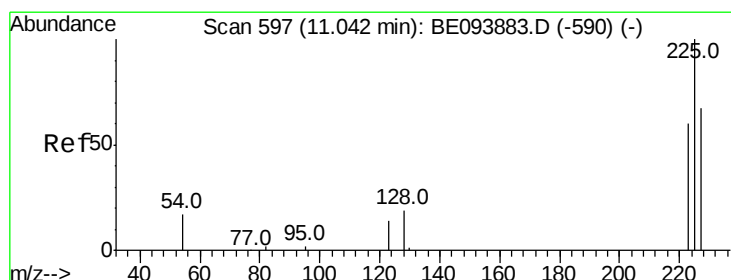
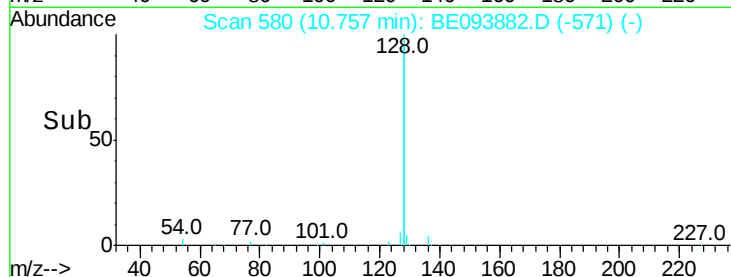
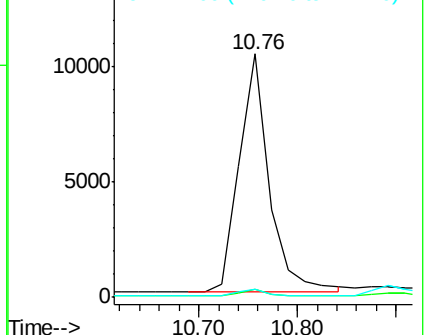
127 3.5 2.6 4.0



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: 0.197 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

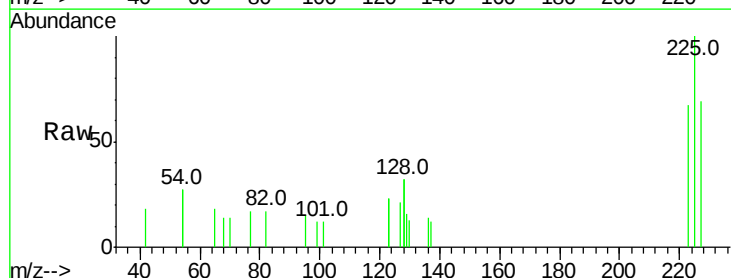
Tgt Ion:225 Resp: 764

Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.0

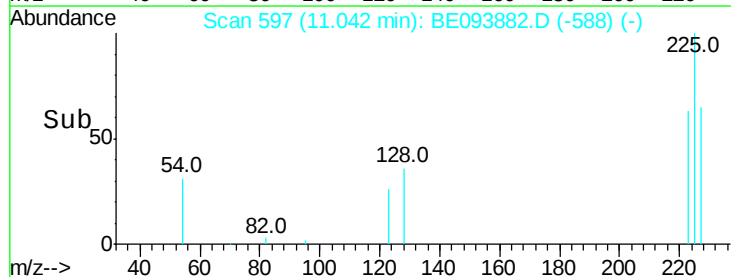
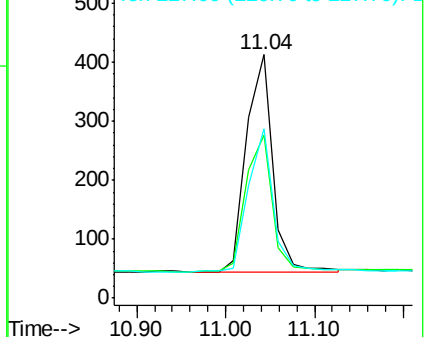
227 62.8 50.5 75.7

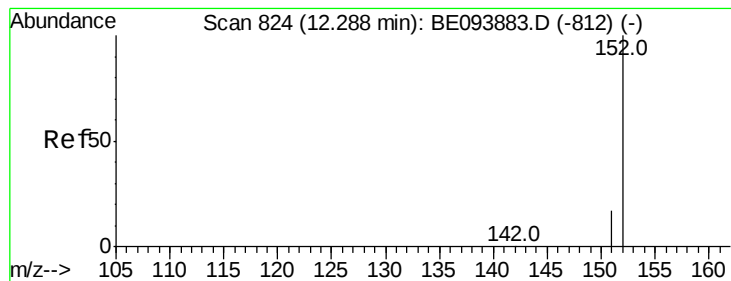


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.198 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

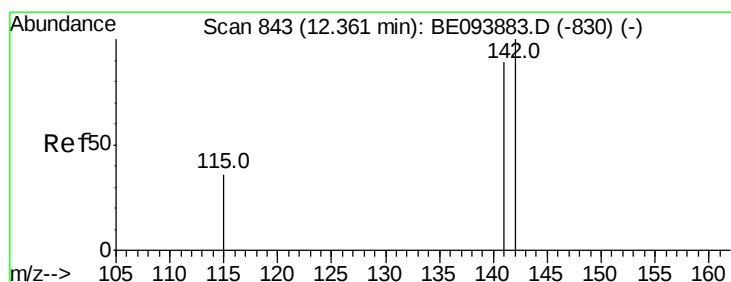
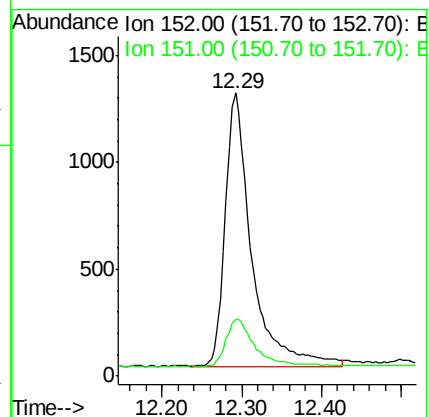
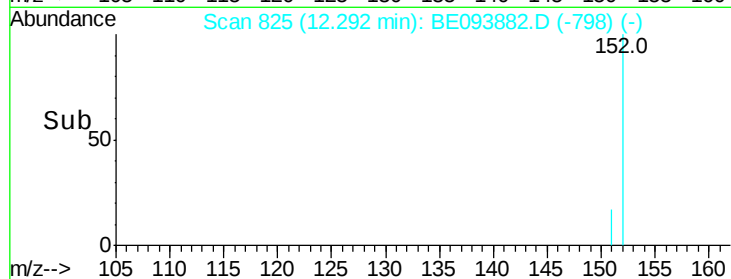
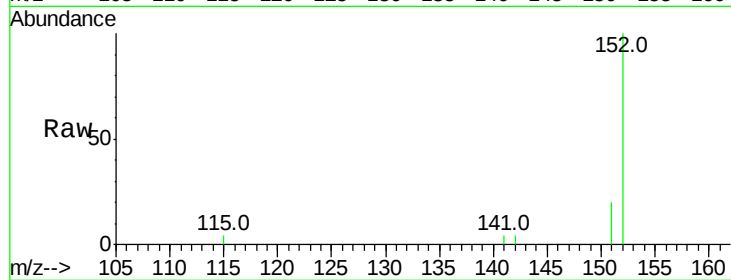
SSTDIC0.2

Tot Ion:152 Resp: 2929

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.205 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

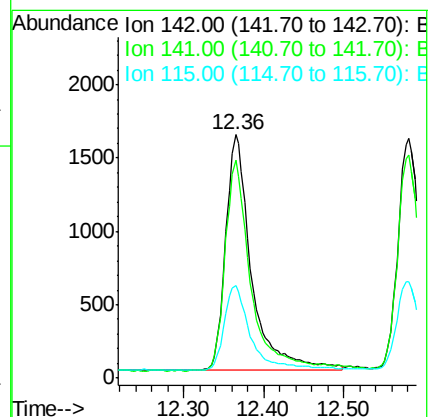
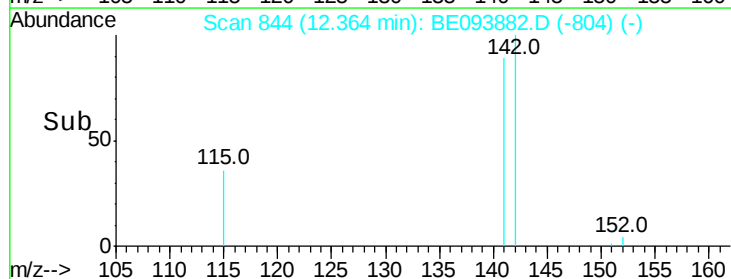
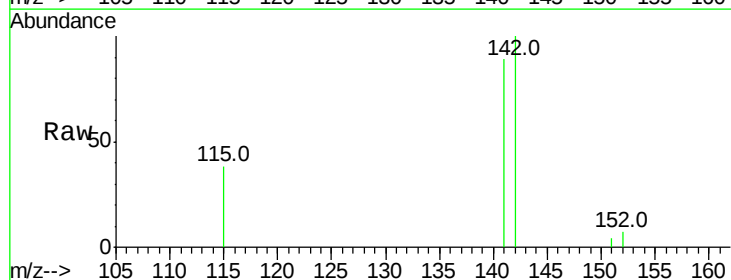
Tgt Ion:142 Resp: 3637

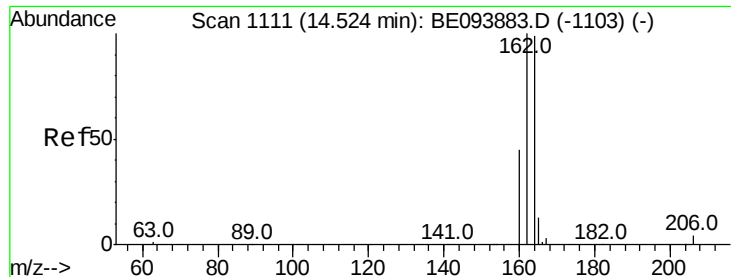
Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

115 38.0 29.4 44.0

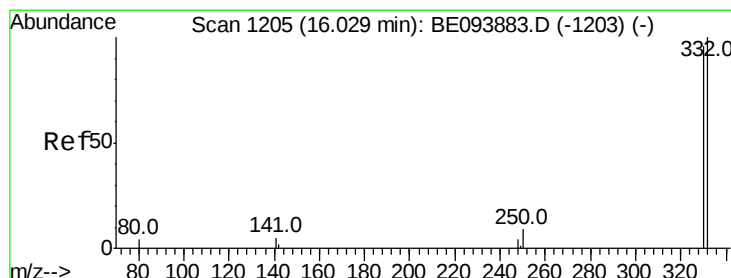
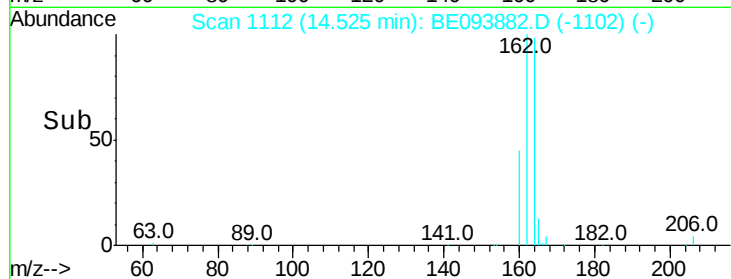
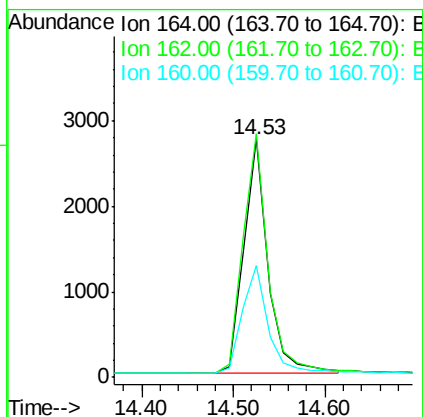
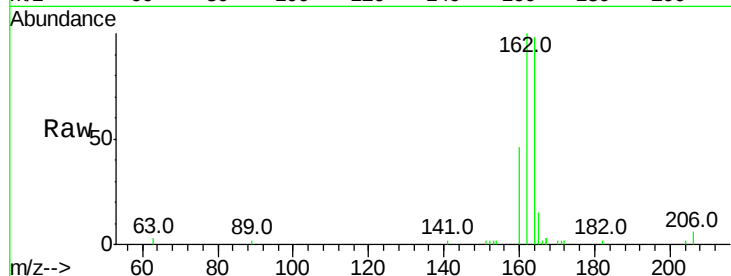




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093882.D
Acq: 26 Aug 2017 9:46

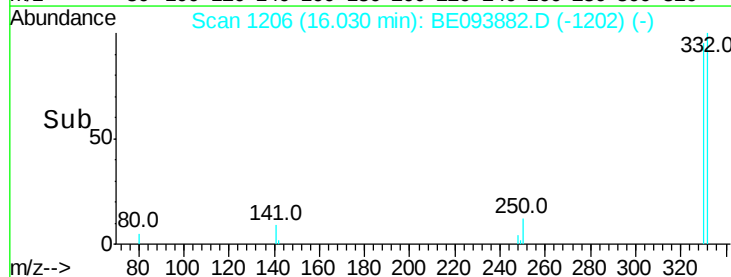
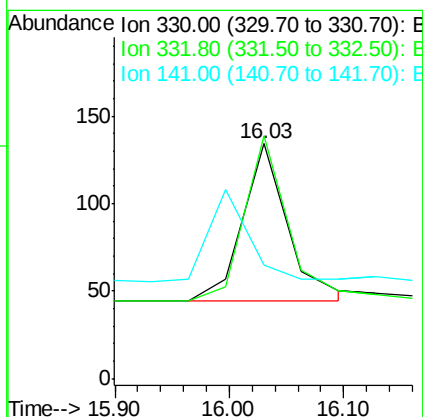
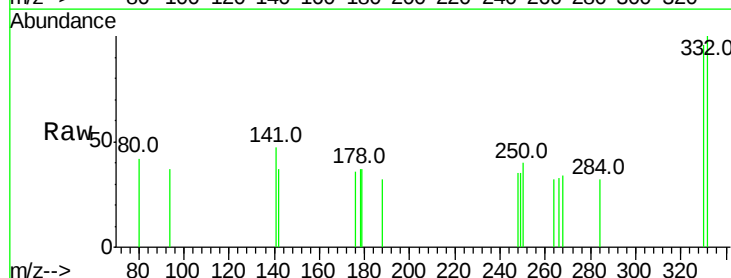
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

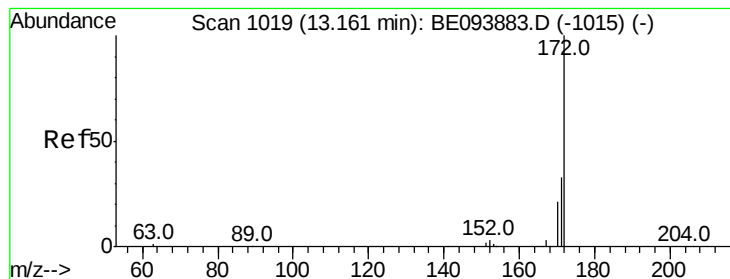
Tot Ion:164 Resp: 5068
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 47.1 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093882.D
Acq: 26 Aug 2017 9:46

Tgt Ion:330 Resp: 246
Ion Ratio Lower Upper
330 100
332 100.8 76.9 115.3
141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.207 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

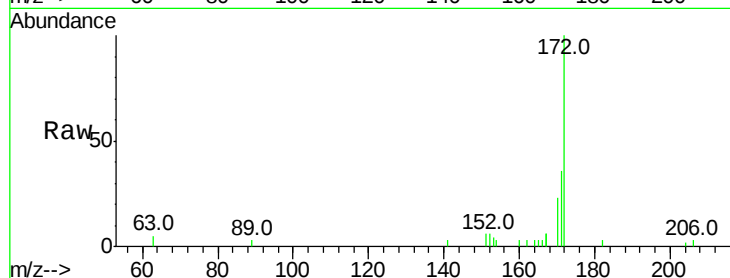
BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:172 Resp: 4114

Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.9	40.3
170	23.4	17.3	25.9

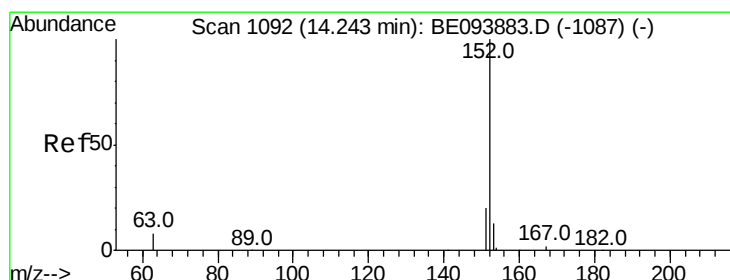
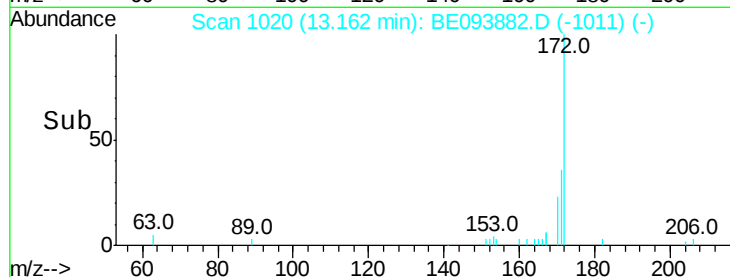
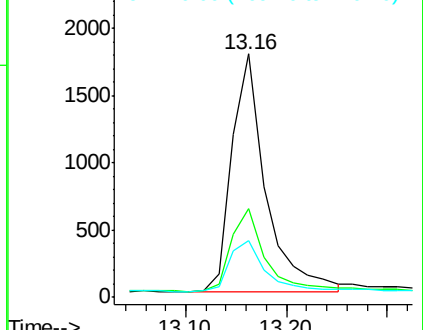


Abundance

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: 0.194 ng

RT: 14.24 min Scan# 1093

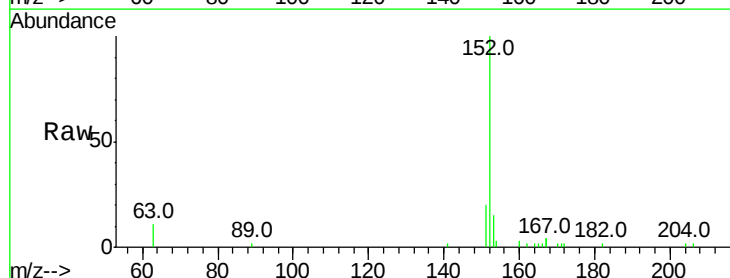
Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Tgt Ion:152 Resp: 4908

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.6	16.0

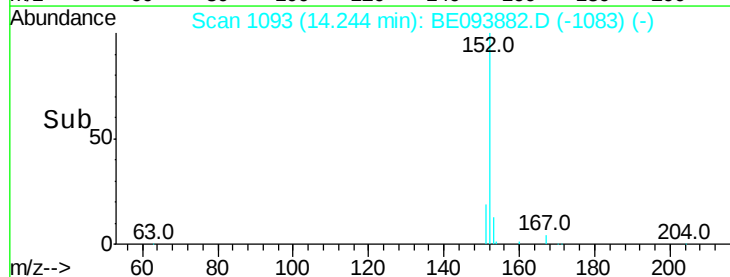
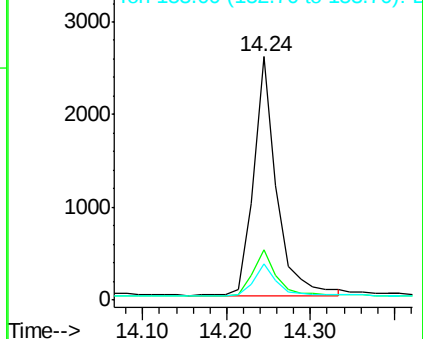


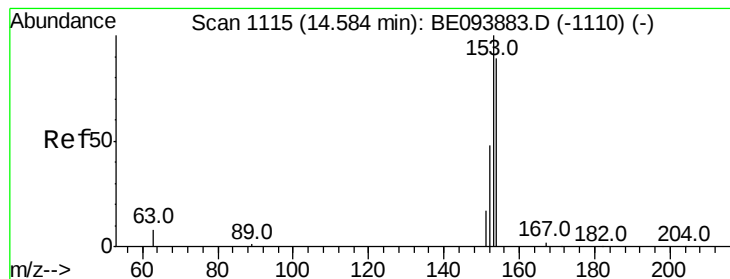
Abundance

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: 0.201 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

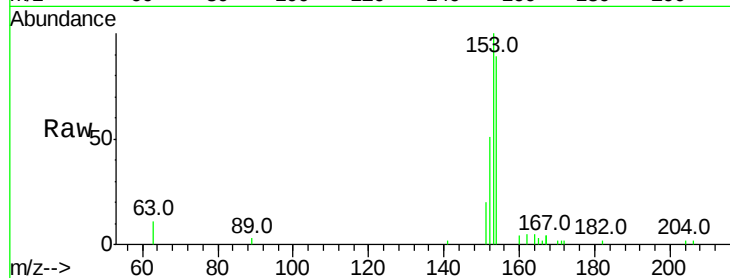
Tot Ion:154 Resp: 3425

Ion Ratio Lower Upper

154 100

153 116.0 91.8 137.6

152 56.5 44.9 67.3

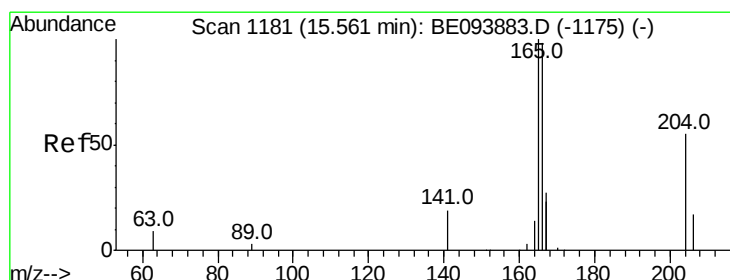
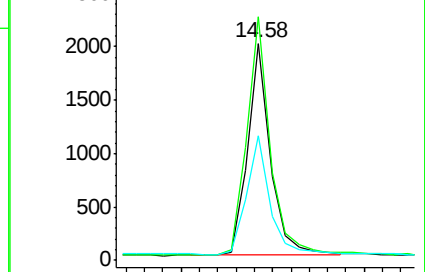
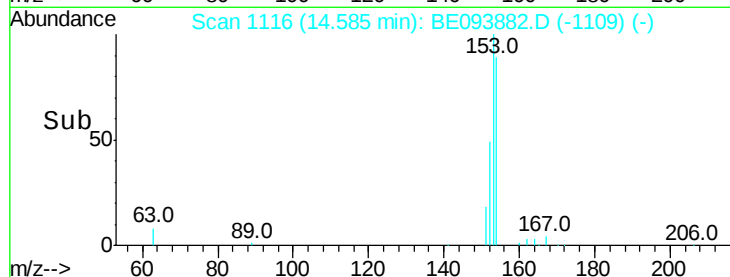


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#18

Fluorene

Concen: 0.204 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

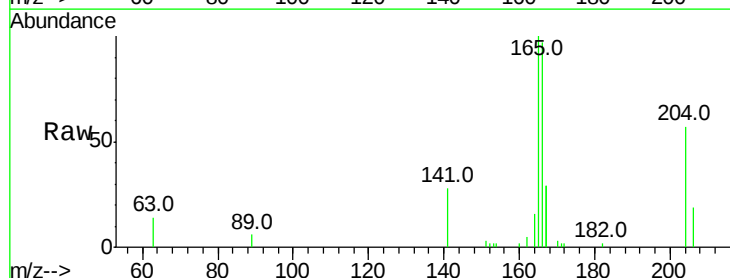
Tgt Ion:166 Resp: 4481

Ion Ratio Lower Upper

166 100

165 99.4 79.4 119.0

167 54.7 43.5 65.3

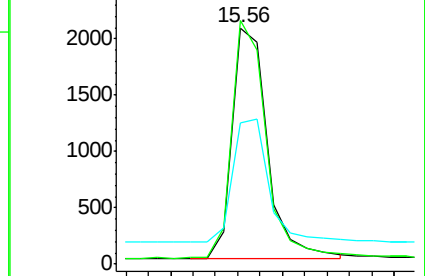
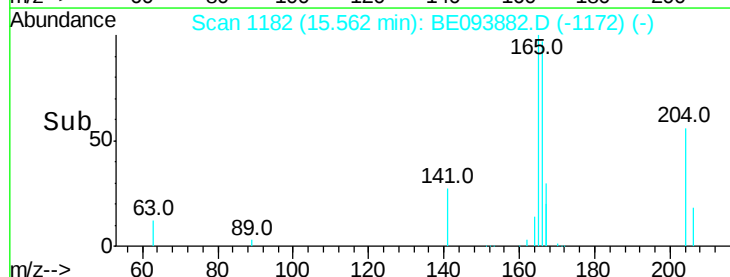


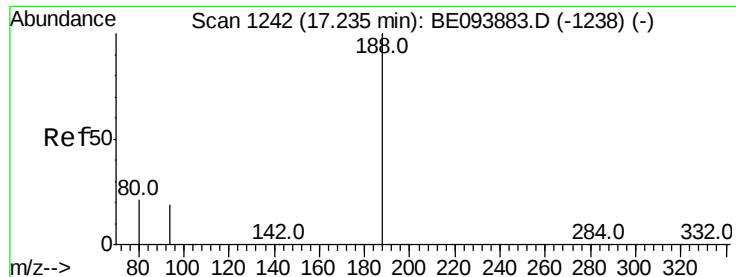
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

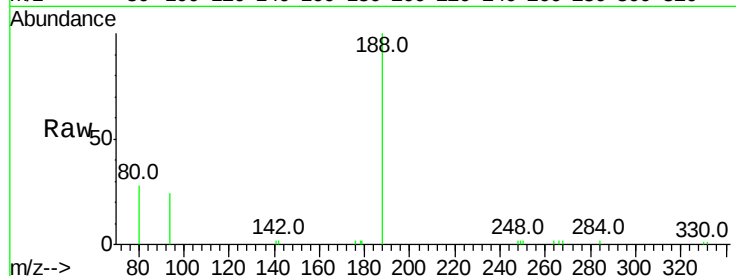
Tot Ion:188 Resp: 9935

Ion Ratio Lower Upper

188 100

94 23.9 16.1 24.1

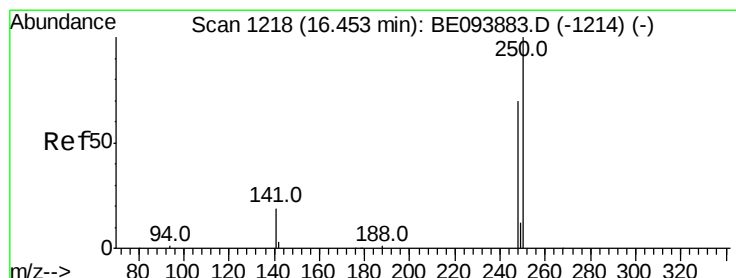
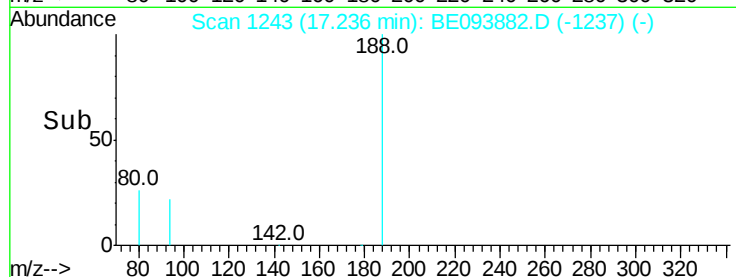
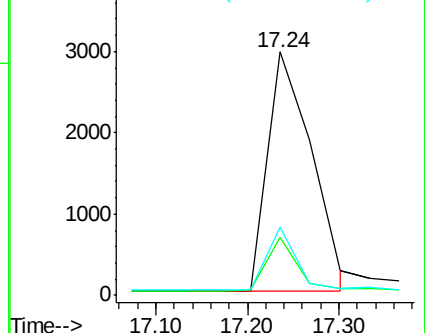
80 27.8 18.2 27.2#



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: 0.342 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

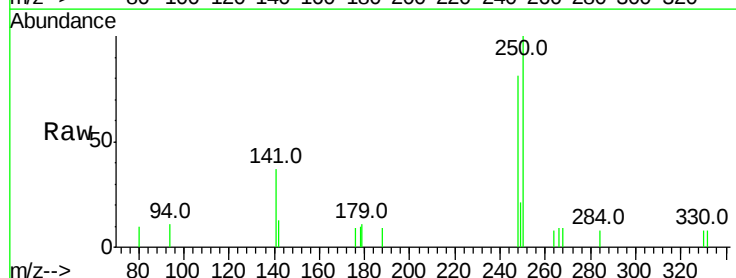
Tgt Ion:248 Resp: 1040

Ion Ratio Lower Upper

248 100

250 123.0 111.8 167.8

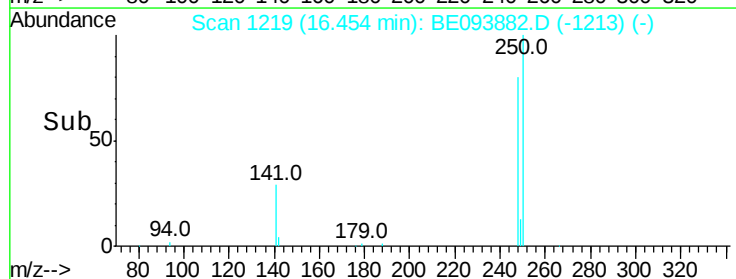
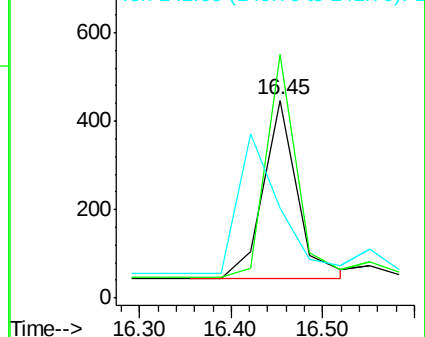
141 45.1 27.1 40.7#

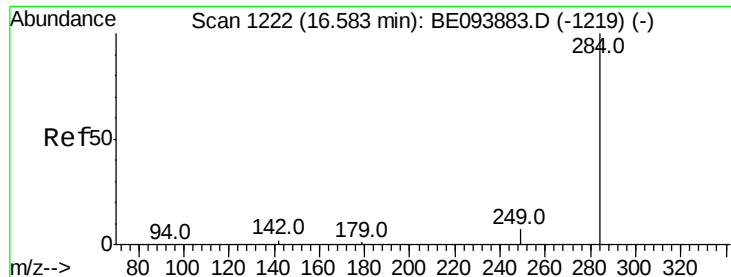


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

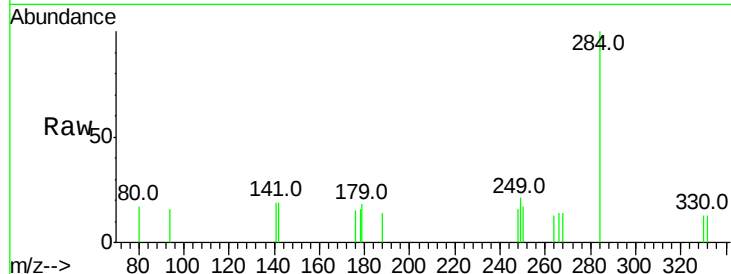




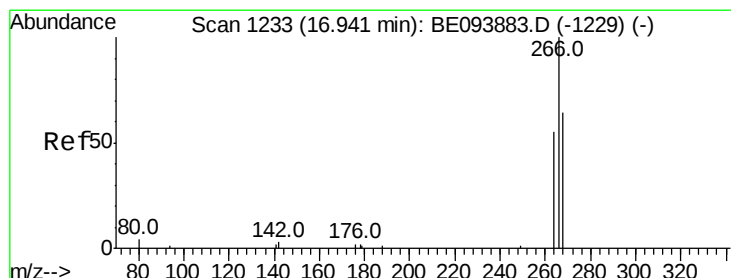
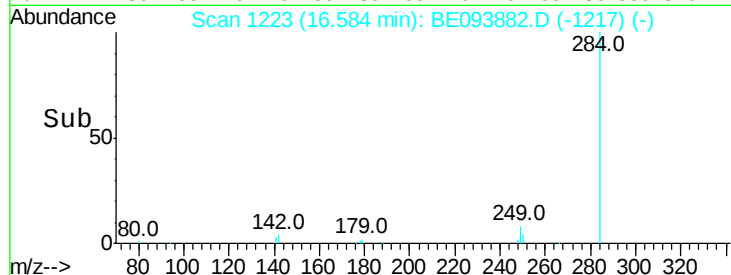
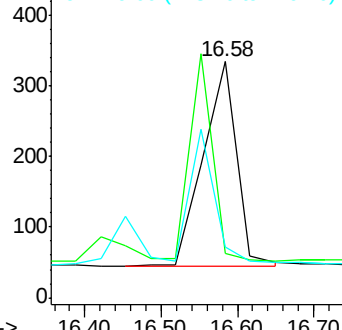
#21
Hexachlorobenzene
Concen: 0.287 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093882.D
Acq: 26 Aug 2017 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:284 Resp: 890
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

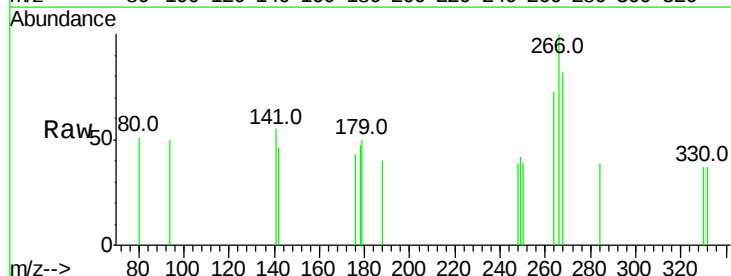


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

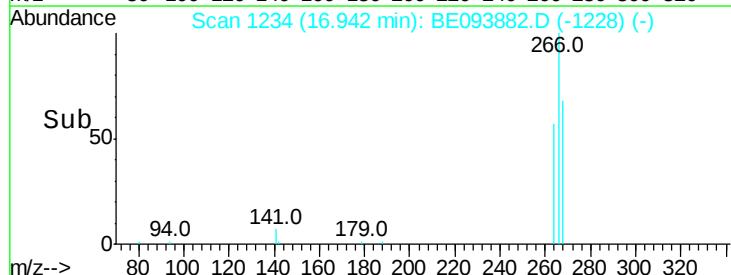
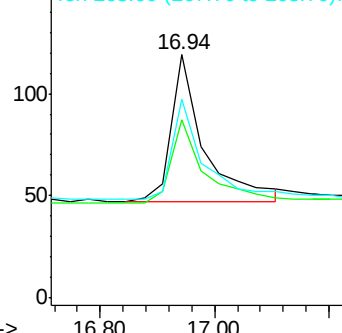


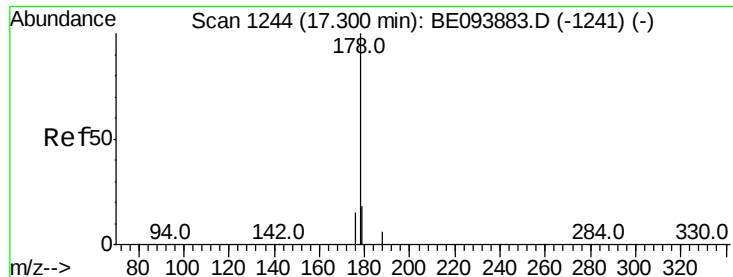
#22
Pentachlorophenol
Concen: 0.147 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093882.D
Acq: 26 Aug 2017 9:46

Tgt Ion:266 Resp: 287
Ion Ratio Lower Upper
266 100
264 73.1 53.5 80.3
268 81.5 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: 0.266 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

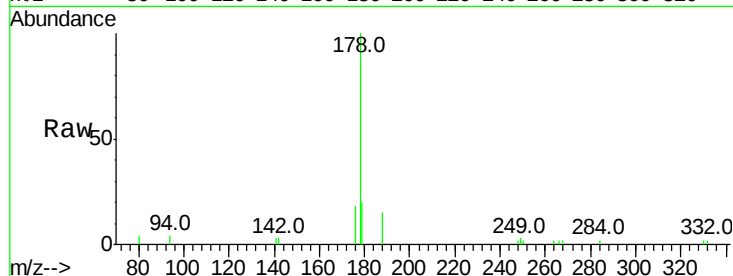
Tot Ion:178 Resp: 5779

Ion Ratio Lower Upper

178 100

176 18.8 0.0 0.0#

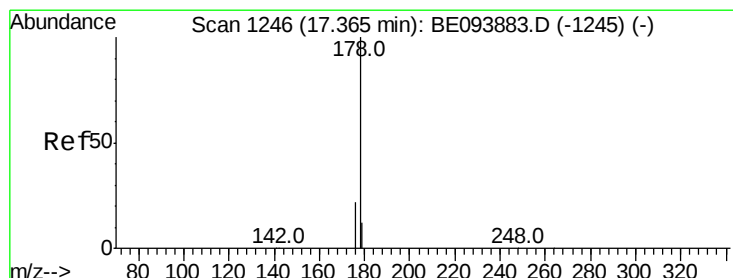
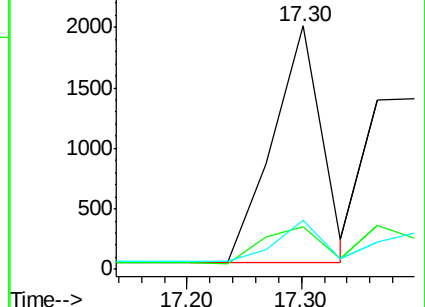
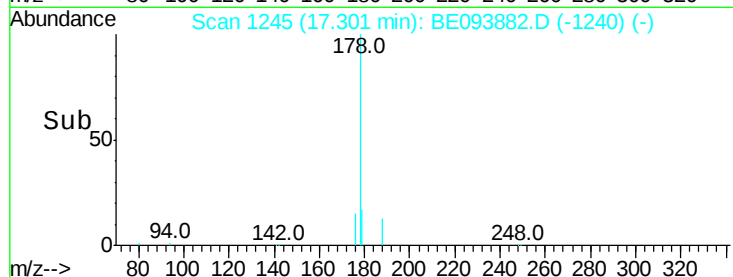
179 15.8 12.6 18.8



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: 0.186 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.06 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

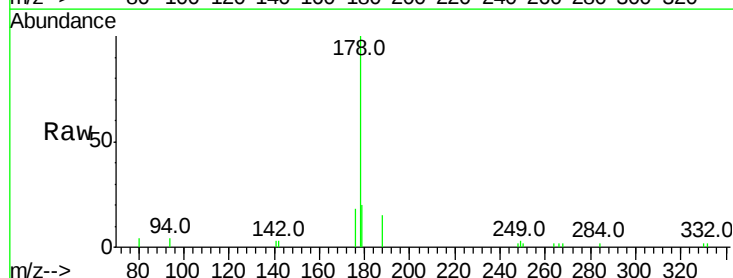
Tgt Ion:178 Resp: 5763

Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

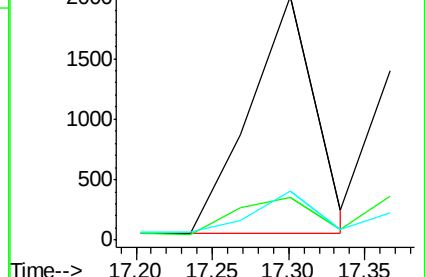
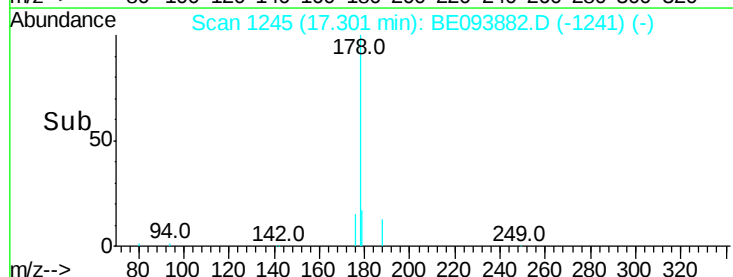
179 15.5 0.0 0.0#

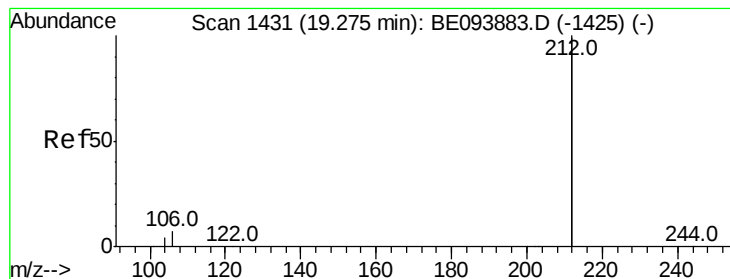


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

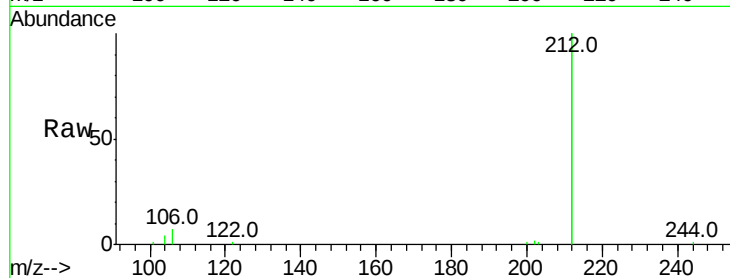
Tot Ion:212 Resp: 25505

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

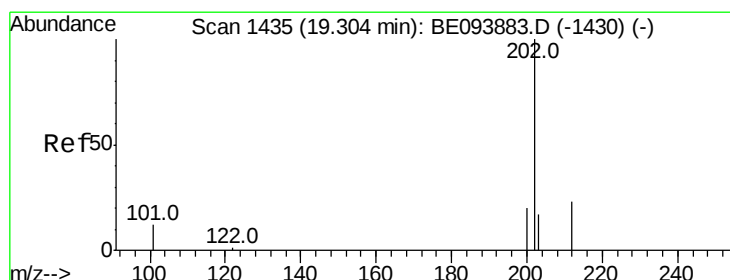
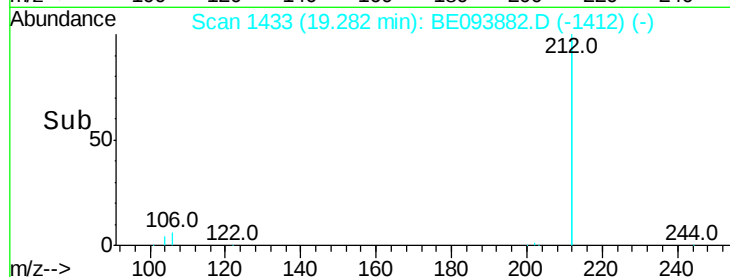
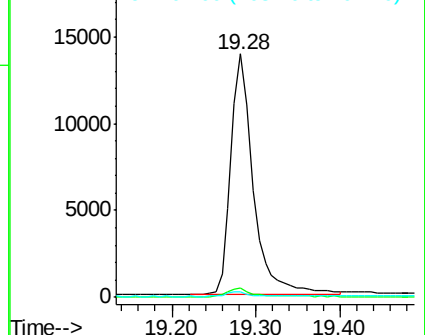
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.230 ng

RT: 19.31 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

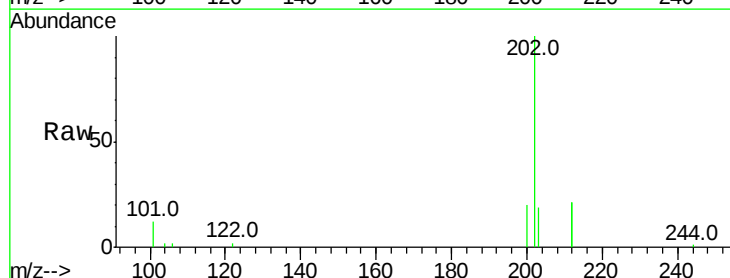
Tgt Ion:202 Resp: 7965

Ion Ratio Lower Upper

202 100

101 12.4 9.7 14.5

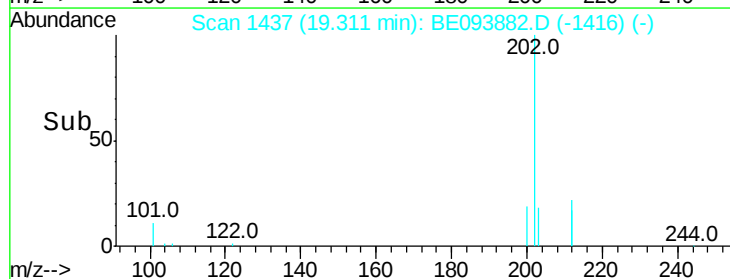
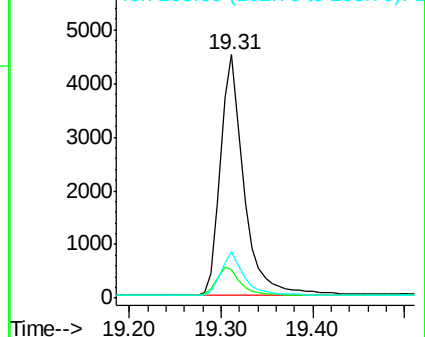
203 17.0 13.7 20.5

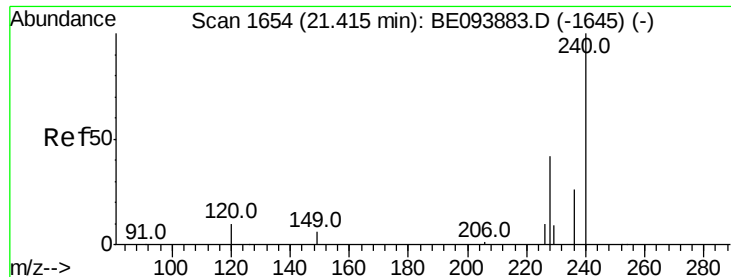


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

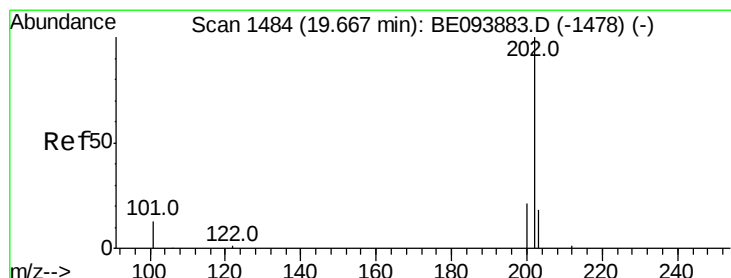
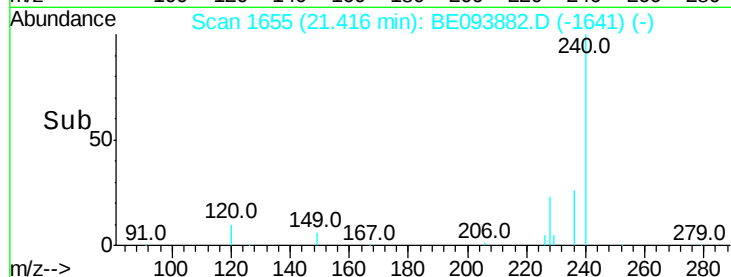
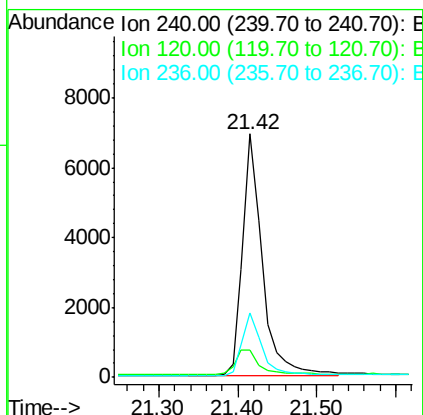
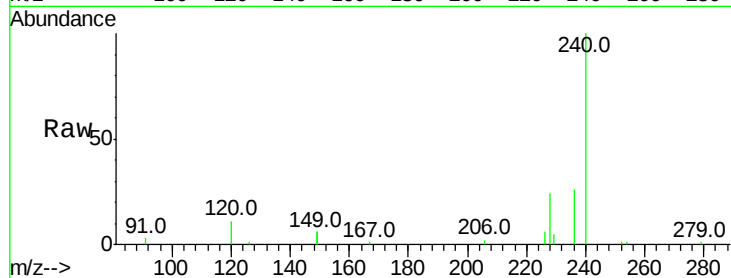




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BE093882.D
 Acq: 26 Aug 2017 9:46

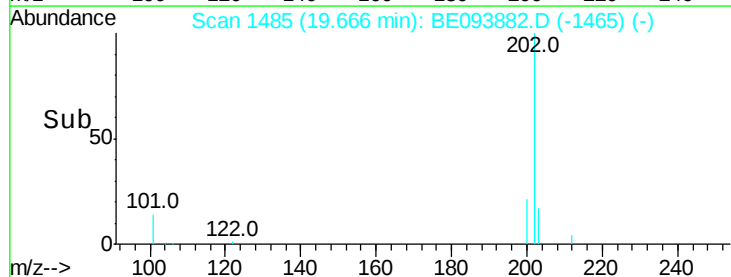
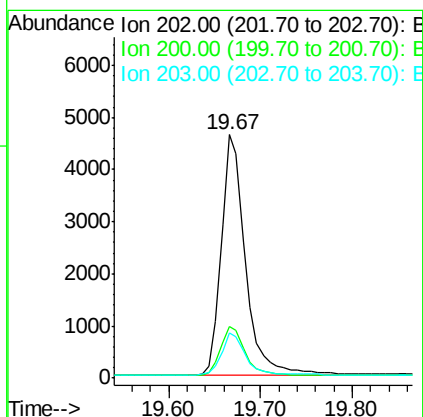
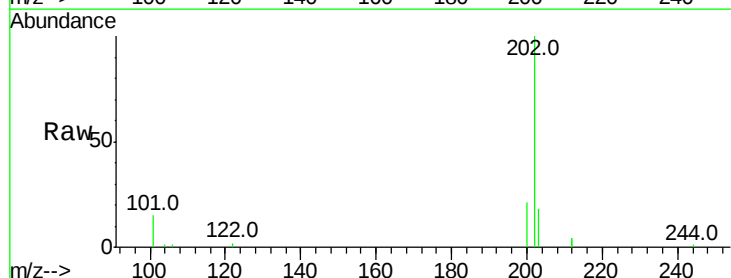
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

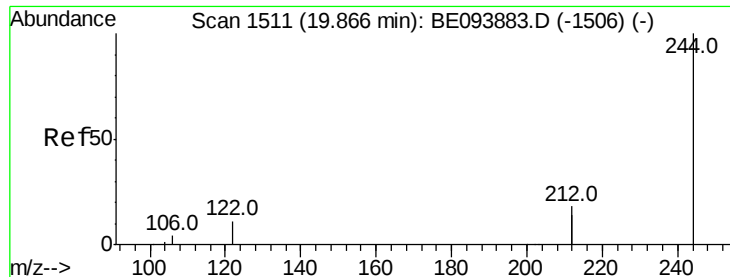
Tot Ion:240 Resp: 12034
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.7 13.1
 236 26.4 21.3 31.9



#28
 Pyrene
 Concen: 0.213 ng
 RT: 19.67 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BE093882.D
 Acq: 26 Aug 2017 9:46

Tgt Ion:202 Resp: 8389
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 24.8
 203 17.2 14.2 21.4





#29

Terphenyl-d14

Concen: 0.203 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

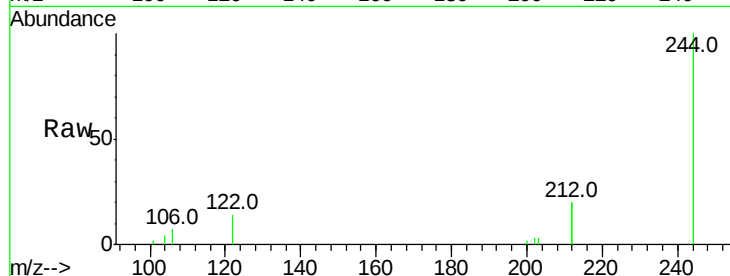
Tot Ion:244 Resp: 4345

Ion Ratio Lower Upper

244 100

212 40.3 28.3 42.5

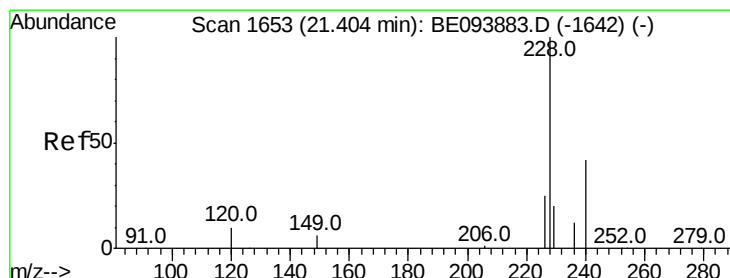
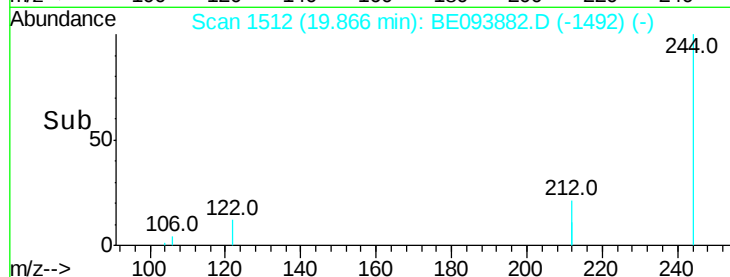
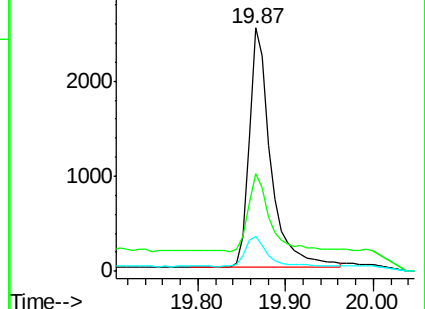
122 14.2 9.4 14.0#



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: 0.195 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

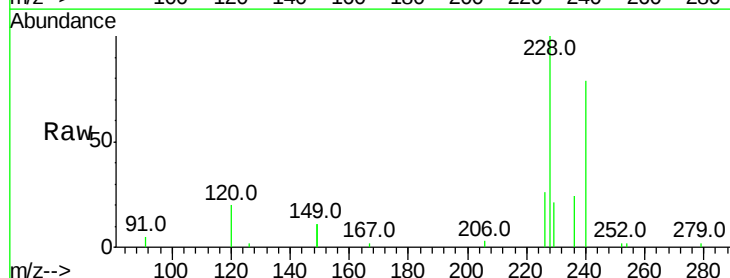
Tgt Ion:228 Resp: 7318

Ion Ratio Lower Upper

228 100

226 25.8 20.8 31.2

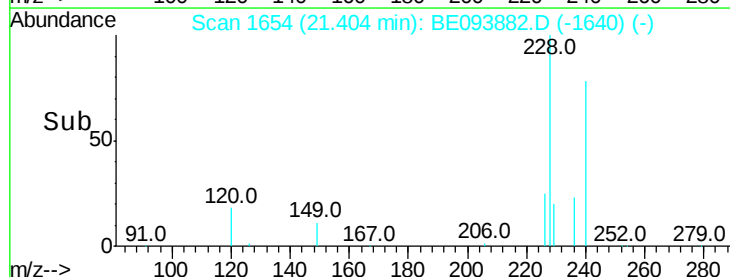
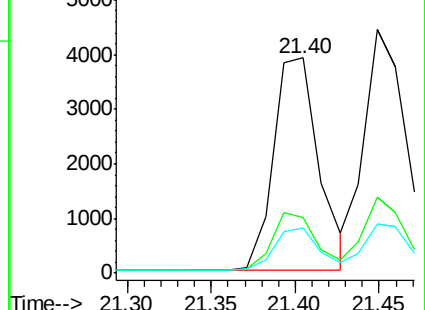
229 20.9 16.6 25.0

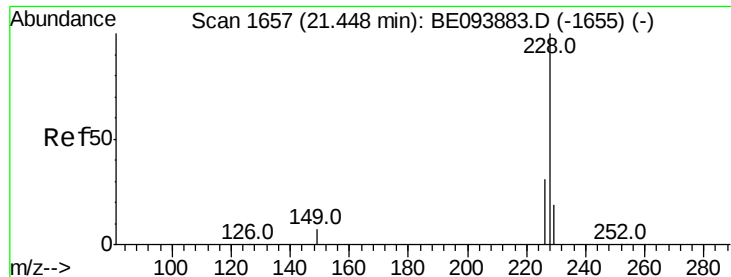


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.215 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

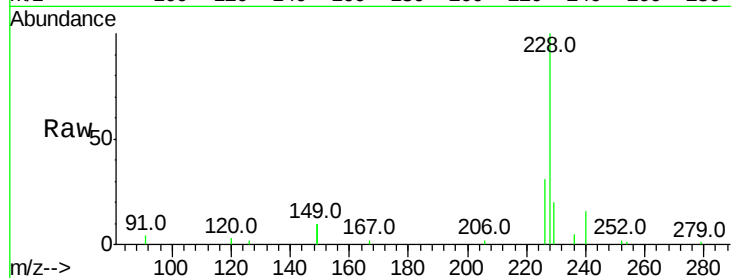
Tot Ion:228 Resp: 8384

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

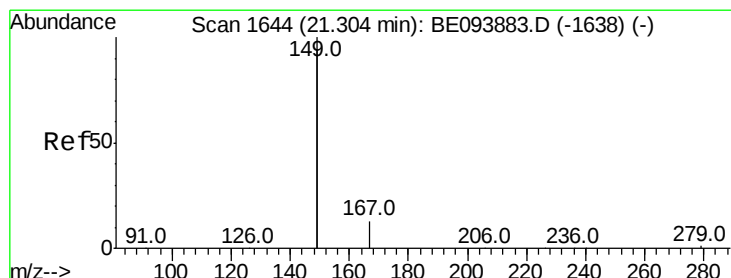
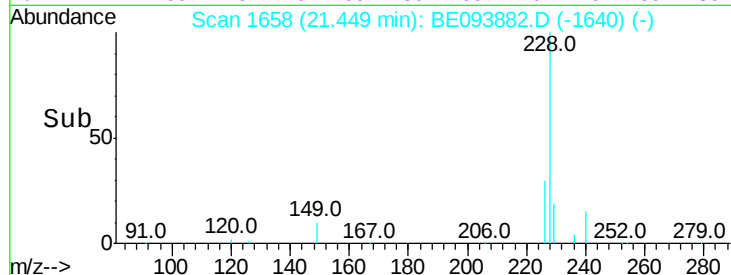
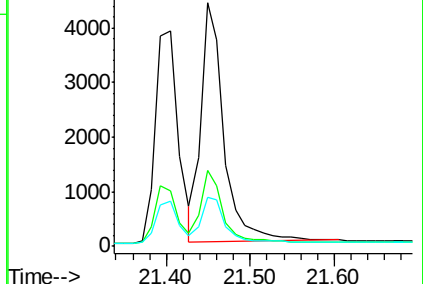
229 20.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.193 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

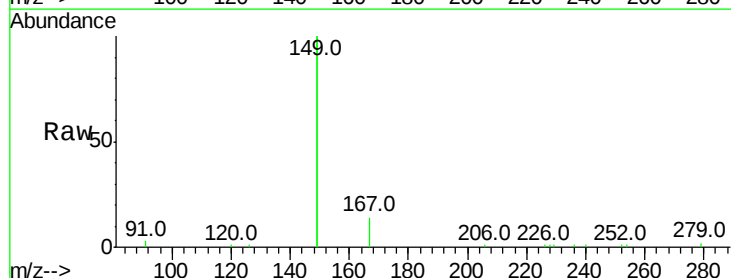
Tgt Ion:149 Resp: 15294

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

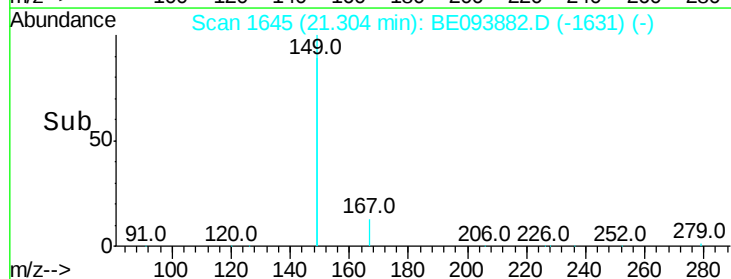
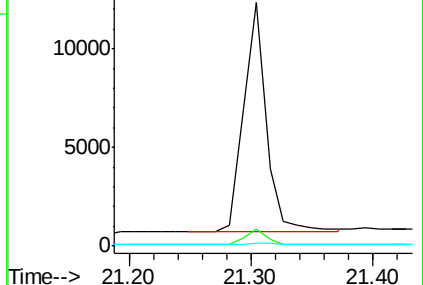
279 0.9 0.7 1.1

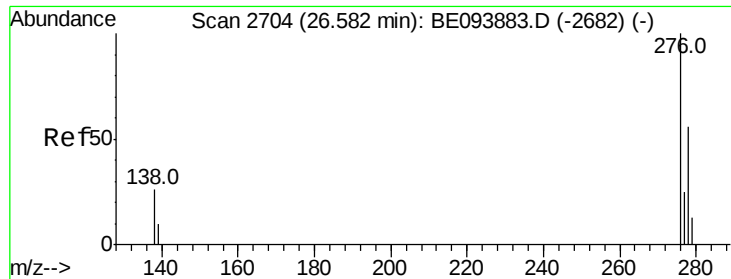


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

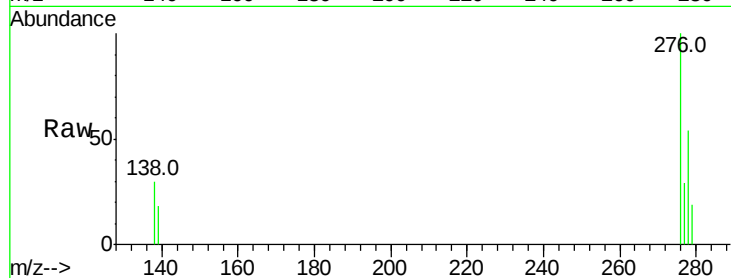




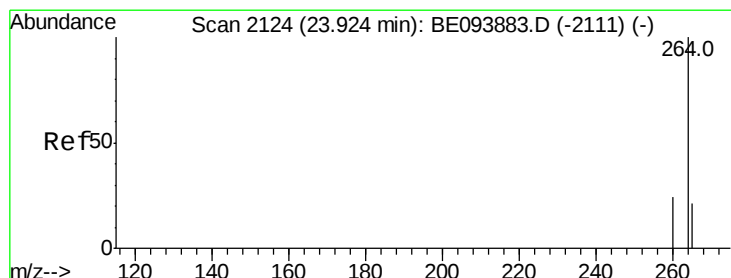
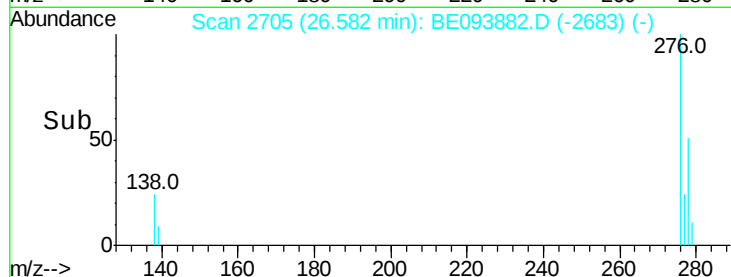
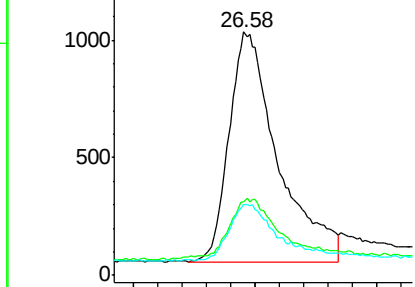
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.154 ng
 RT: 26.58 min Scan# 2705
 Delta R.T. 0.00 min
 Lab File: BE093882.D
 Acq: 26 Aug 2017 9:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 5467
 Ion Ratio Lower Upper
 276 100
 138 23.0 22.2 33.2
 277 23.0 19.5 29.3

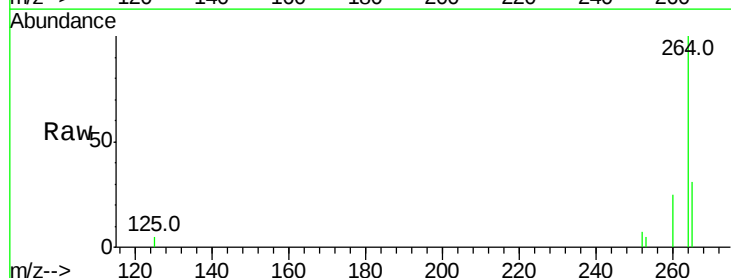


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

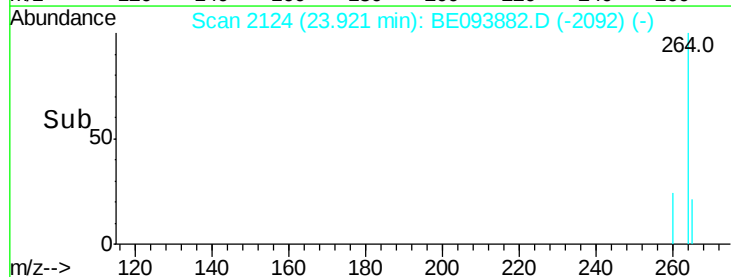
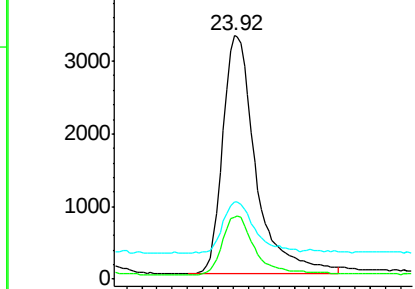


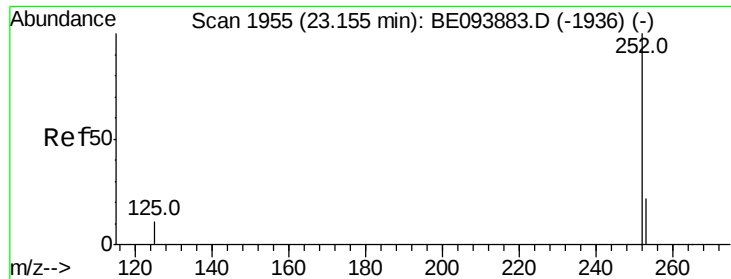
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BE093882.D
 Acq: 26 Aug 2017 9:46

Tgt Ion:264 Resp: 10045
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 31.5 24.0 36.0



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





#35

Benzo(b)fluoranthene

Concen: 0.195 ng

RT: 23.15 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

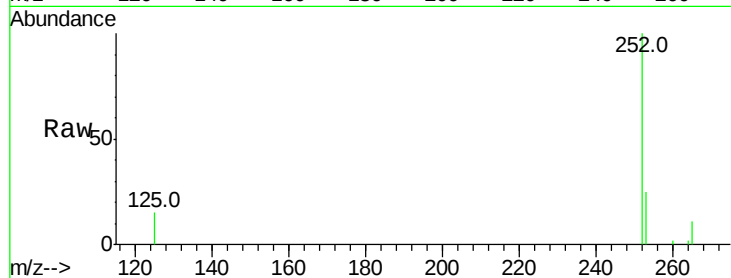
Tot Ion:252 Resp: 6604

Ion Ratio Lower Upper

252 100

253 25.1 19.4 29.0

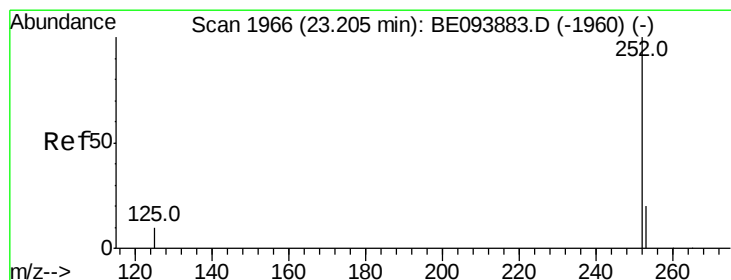
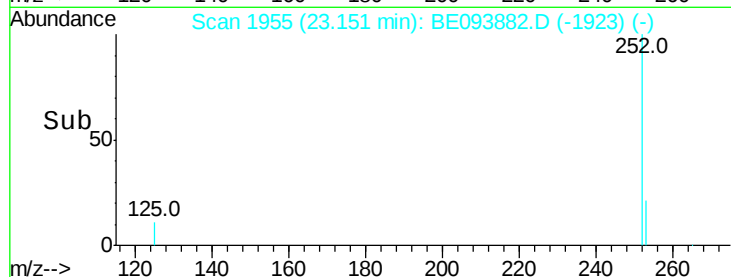
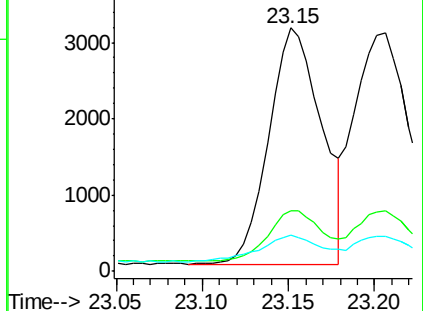
125 14.7 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.213 ng

RT: 23.21 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

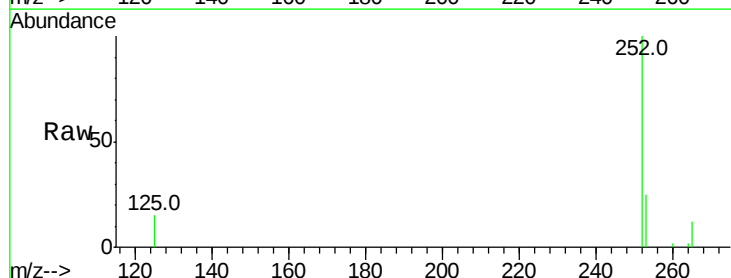
Tgt Ion:252 Resp: 7587

Ion Ratio Lower Upper

252 100

253 25.5 18.1 27.1

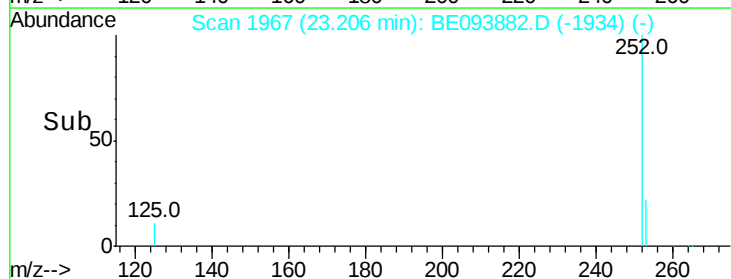
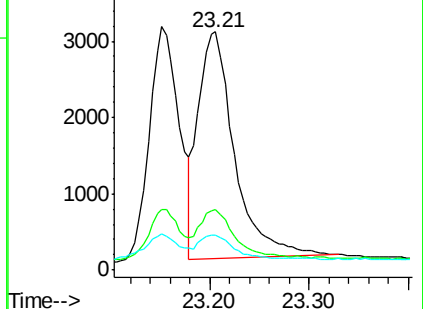
125 14.6 9.8 14.6

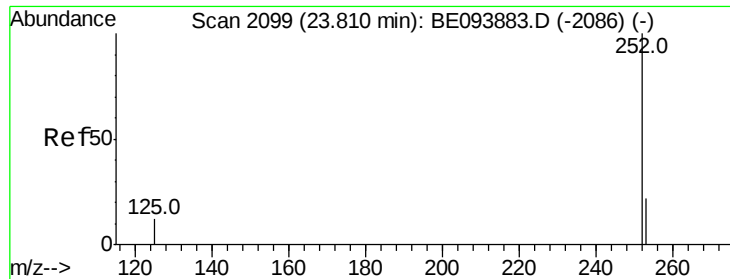


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

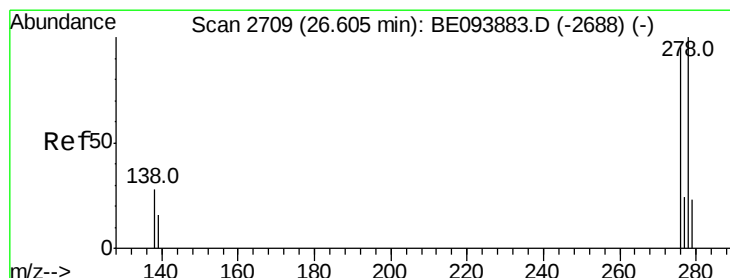
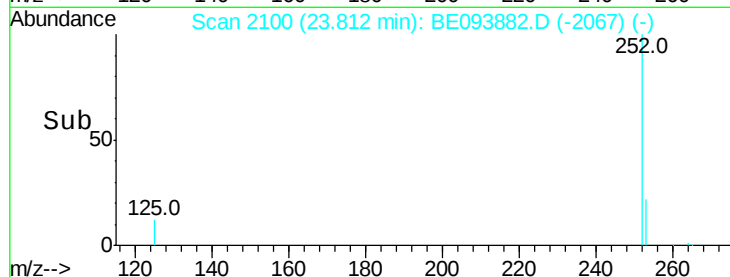
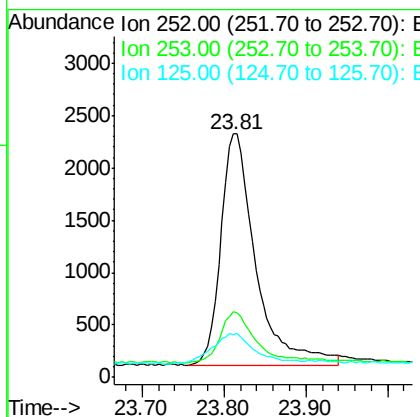
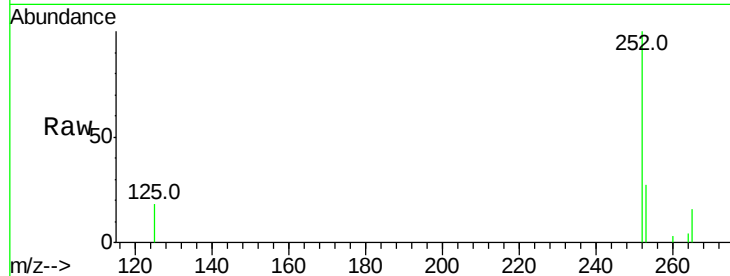




#37
Benzo(a)pyrene
Concen: 0.202 ng
RT: 23.81 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BE093882.D
Acq: 26 Aug 2017 9:46

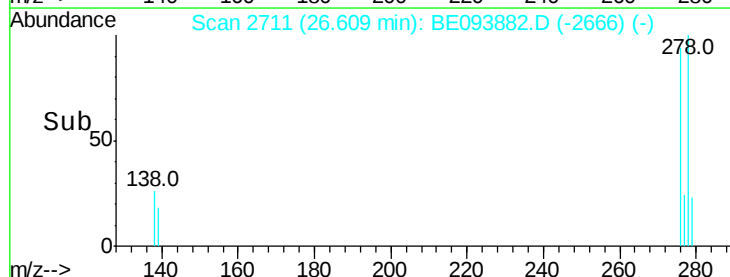
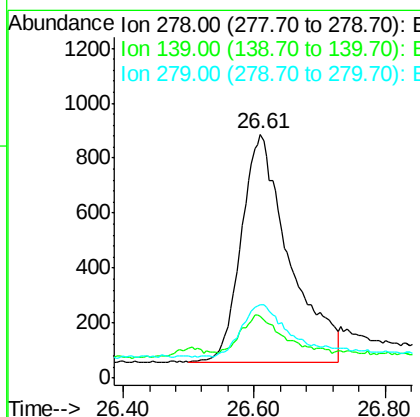
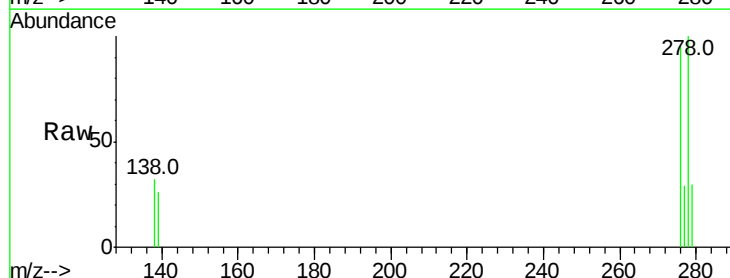
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

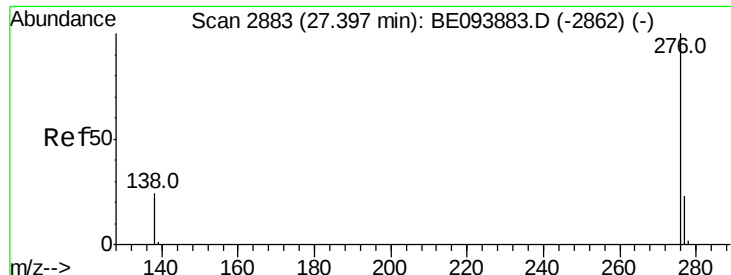
Tot Ion:252 Resp: 6544
Ion Ratio Lower Upper
252 100
253 27.2 19.6 29.4
125 17.6 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.143 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.00 min
Lab File: BE093882.D
Acq: 26 Aug 2017 9:46

Tgt Ion:278 Resp: 4181
Ion Ratio Lower Upper
278 100
139 25.5 16.7 25.1#
279 30.0 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.174 ng

RT: 27.40 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BE093882.D

Acq: 26 Aug 2017 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

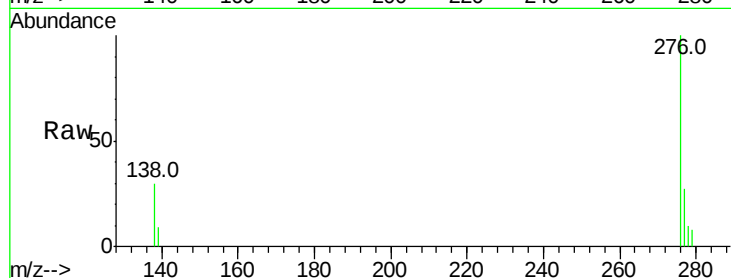
Tot Ion:276 Resp: 5164

Ion Ratio Lower Upper

276 100

277 27.2 20.6 30.8

138 29.6 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

