

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093879.D
 Acq On : 22 Aug 2017 17:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

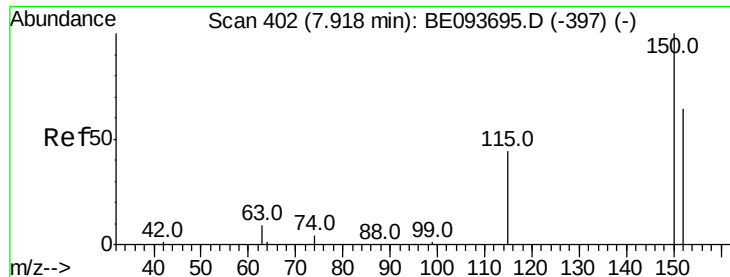
Quant Time: Aug 23 01:01:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2202	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11474	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6429	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12359	0.40	ng	0.00
27) Chrysene-d12	21.42	240	14790	0.40	ng	0.01
34) Perylene-d12	23.93	264	12584	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	2457	0.34	ng	0.00
5) Phenol-d6	7.10	99	3767	0.35	ng	0.01
8) Nitrobenzene-d5	9.06	82	3379	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6467	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	530	0.30	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	8864	0.35	ng	0.00
25) Fluoranthene-d10	19.28	212	55958	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	9415	0.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	1057	0.319	ng	# 94
3) n-Nitrosodimethylamine	3.75	42	1226	0.356	ng	# 99
6) bis(2-Chloroethyl)ether	7.34	93	2903	0.345	ng	# 99
9) Naphthalene	10.76	128	46209	0.351	ng	100
10) Hexachlorobutadiene	11.04	225	1639	0.336	ng	98
12) 2-Methylnaphthalene	12.36	142	7666	0.345	ng	98
16) Acenaphthylene	14.24	152	11184	0.346	ng	# 87
17) Acenaphthene	14.58	154	7459	0.342	ng	100
18) Fluorene	15.56	166	9543	0.339	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	1866	0.533	ng	# 83
21) Hexachlorobenzene	16.58	284	1733	0.465	ng	# 100
22) Pentachlorophenol	16.94	266	636	0.244	ng	# 91
23) Phenanthrene	17.30	178	10968	0.417	ng	# 77
24) Anthracene	17.37	178	12096	0.303	ng	97
26) Fluoranthene	19.31	202	16717	0.387	ng	98
28) Pyrene	19.67	202	17121	0.353	ng	# 98
30) Benzo(a)anthracene	21.39	228	15492	0.330	ng	92
31) Chrysene	21.45	228	16995	0.355	ng	92
32) Bis(2-ethylhexyl)phthalate	21.30	149	33094	0.329	ng	98
33) Indeno(1,2,3-cd)pyrene	26.59	276	12153	0.263	ng	# 92
35) Benzo(b)fluoranthene	23.16	252	13408	0.307	ng	# 95
36) Benzo(k)fluoranthene	23.21	252	16089	0.369	ng	95
37) Benzo(a)pyrene	23.82	252	13785	0.335	ng	# 95
38) Dibenzo(a,h)anthracene	26.61	278	10578	0.274	ng	# 95
39) Benzo(g,h,i)perylene	27.39	276	10966	0.284	ng	96

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

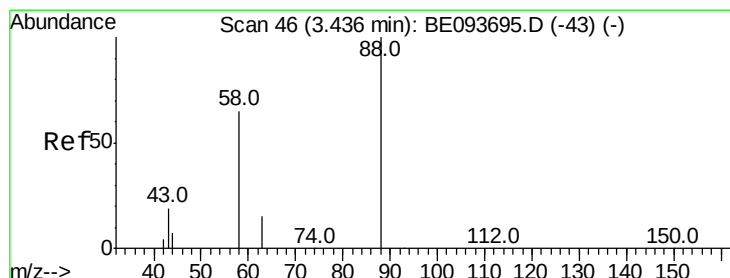
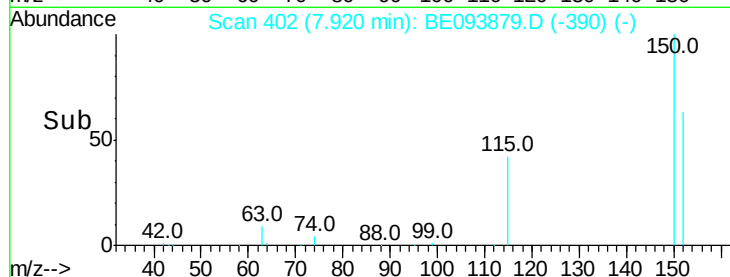
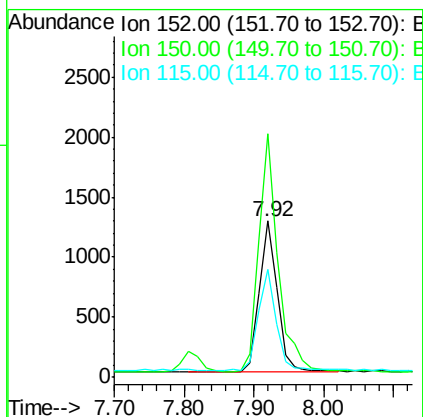
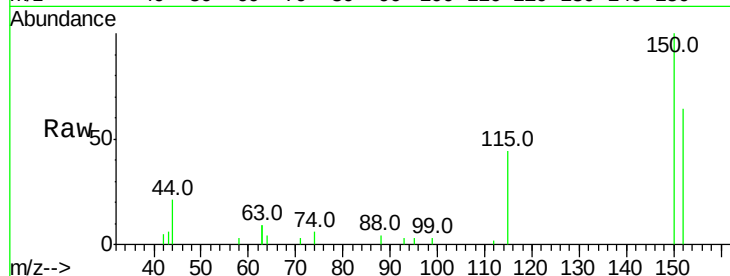


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

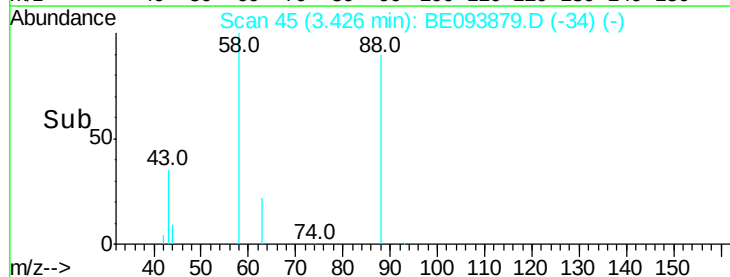
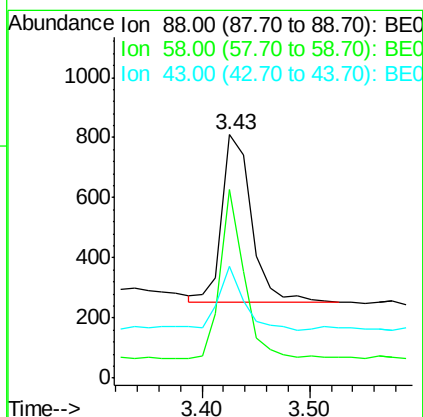
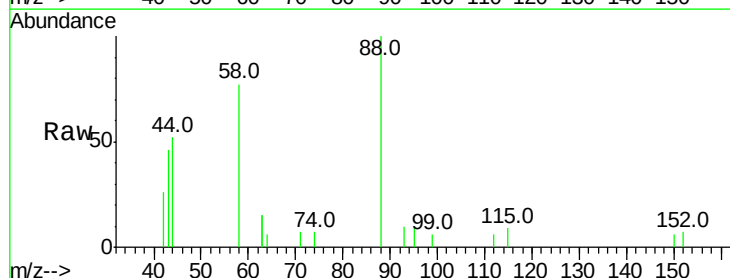
Tot Ion:152 Resp: 2202
Ion Ratio Lower Upper
152 100
150 155.7 125.1 187.7
115 69.0 55.7 83.5

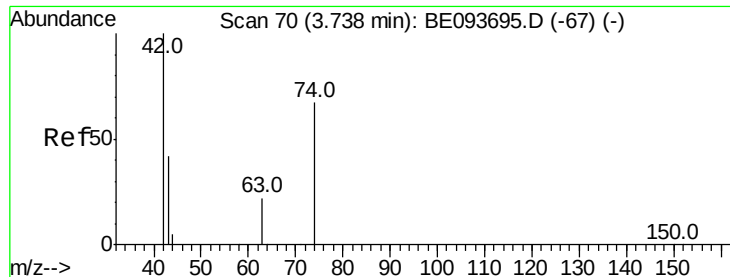


#2

1,4-Dioxane
Concen: 0.319 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion: 88 Resp: 1057
Ion Ratio Lower Upper
88 100
58 80.8 62.2 93.4
43 36.3 23.2 34.8#

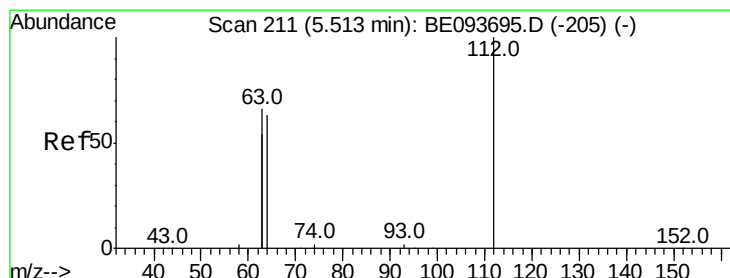
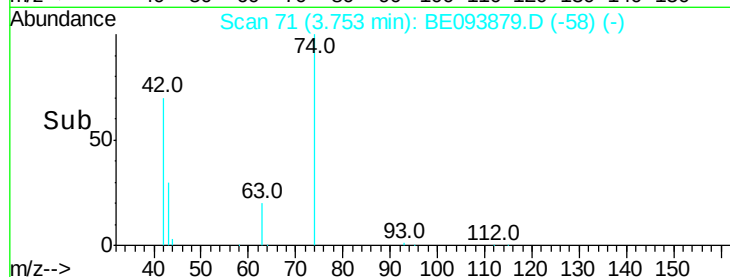
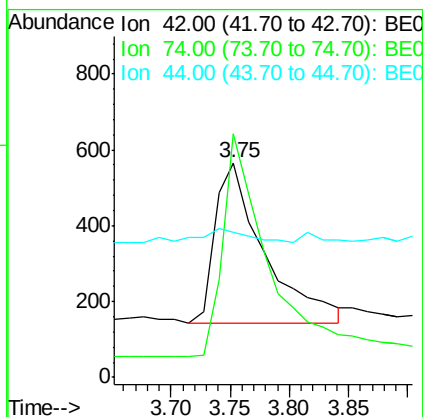
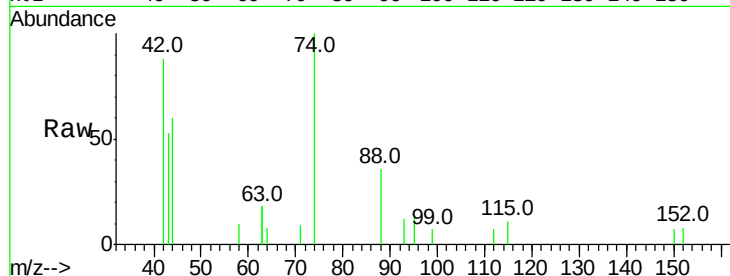




#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

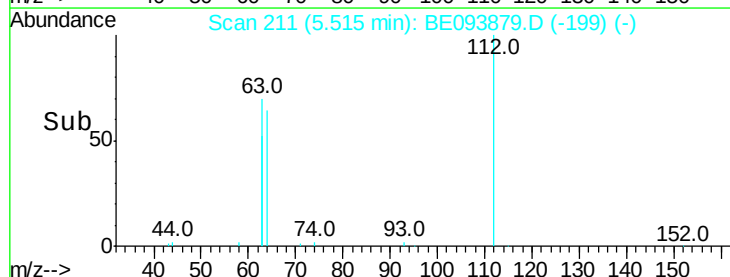
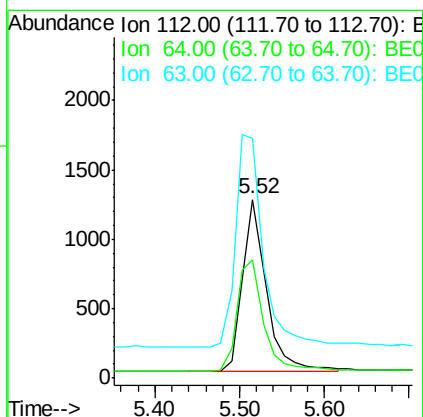
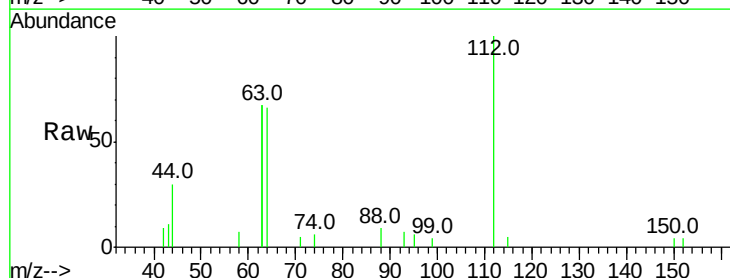
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

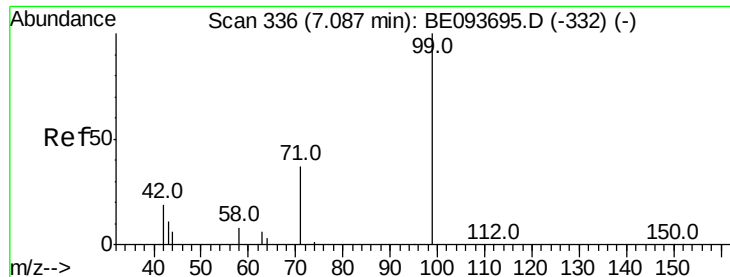
Tot Ion: 42 Resp: 1226
Ion Ratio Lower Upper
42 100
74 124.7 99.1 148.7
44 9.1 7.4 11.2



#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion: 112 Resp: 2457
Ion Ratio Lower Upper
112 100
64 71.8 56.4 84.6
63 143.4 29.3 43.9#





#5

Phenol-d6

Concen: 0.346 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

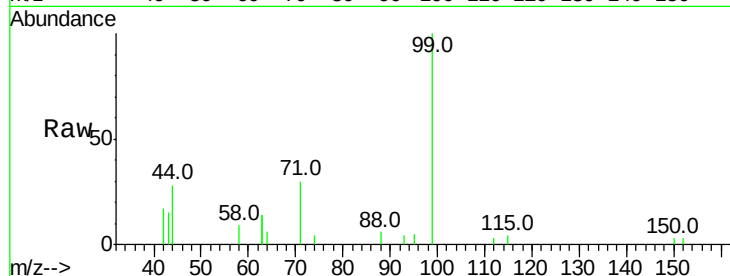
Tot Ion: 99 Resp: 3767

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

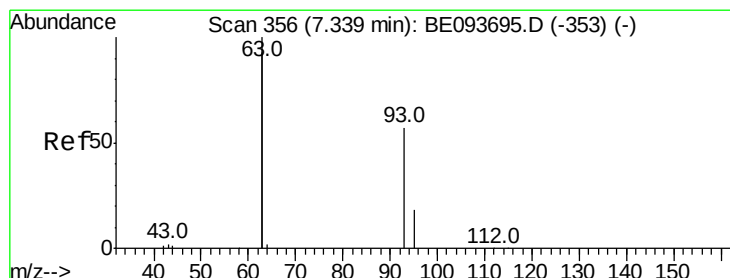
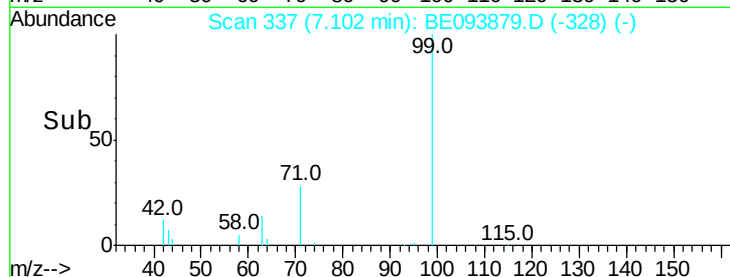
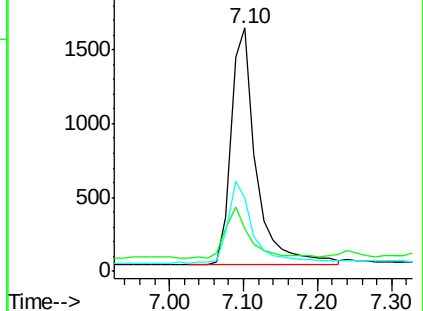
71 34.3 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.345 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

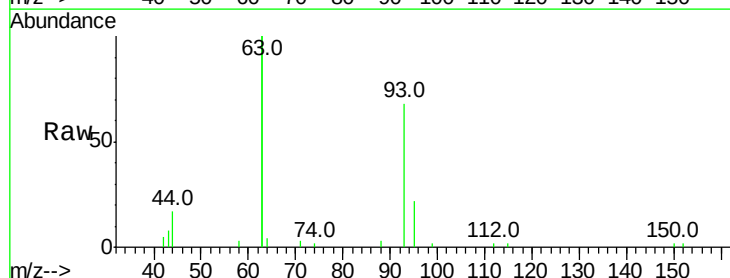
Tgt Ion: 93 Resp: 2903

Ion Ratio Lower Upper

93 100

63 345.2 0.0 0.0#

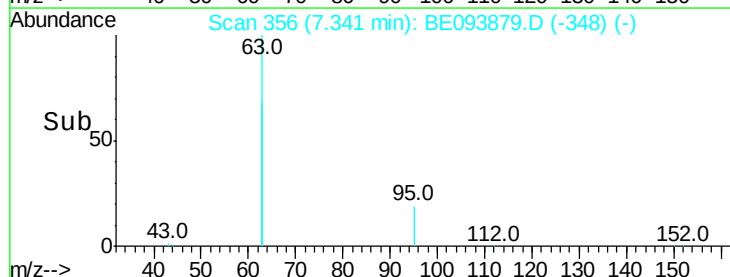
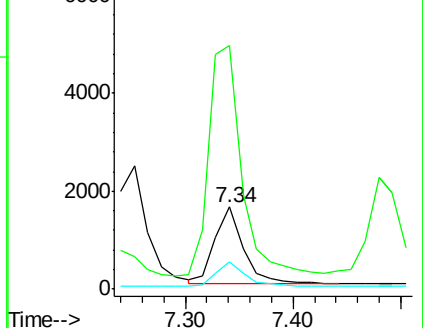
95 31.3 25.4 38.0

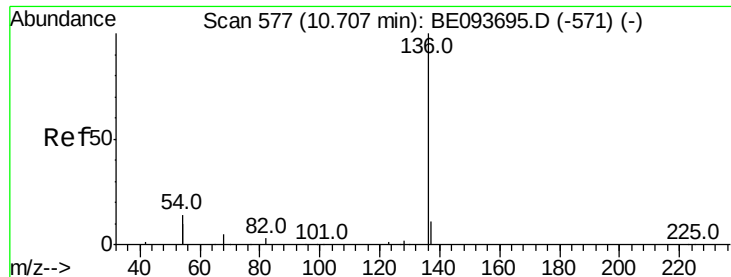


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 11474

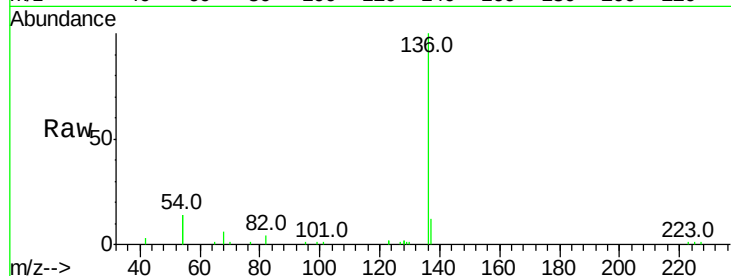
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 27.6 10.3 15.5#

68 5.9 9.0 13.4#

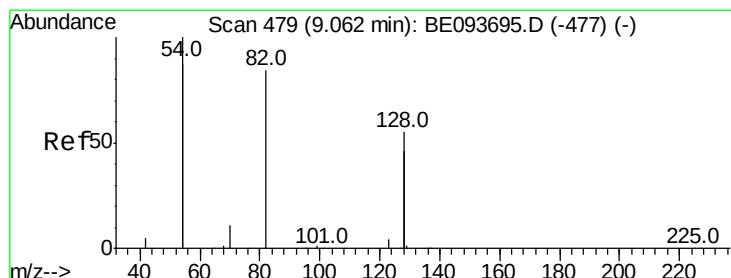
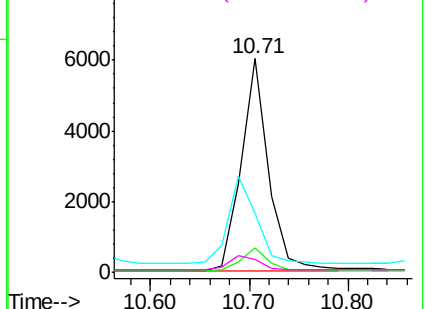
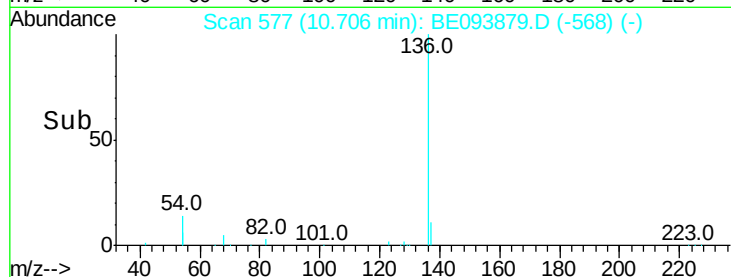


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

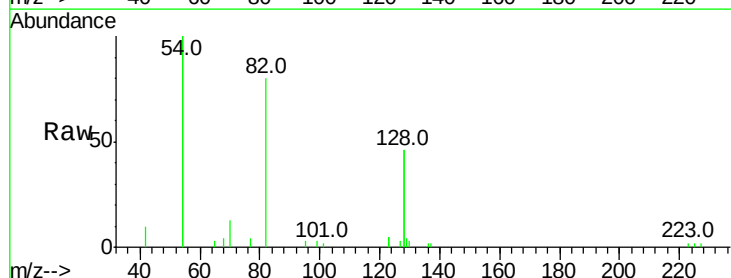
Tgt Ion: 82 Resp: 3379

Ion Ratio Lower Upper

82 100

128 115.8 17.0 25.4#

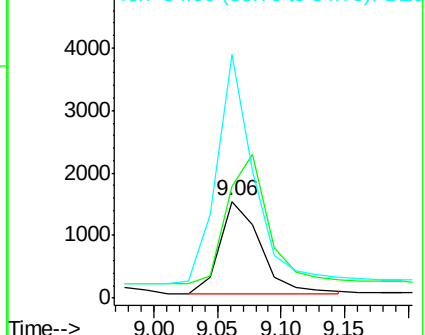
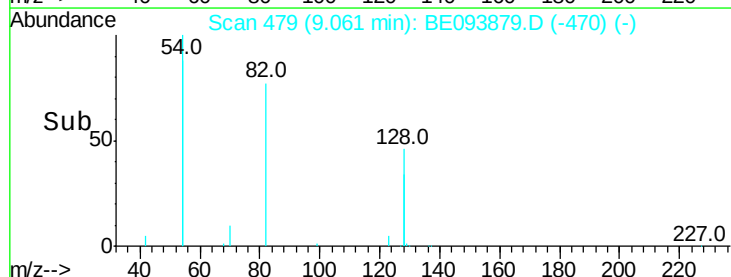
54 251.4 53.8 80.6#

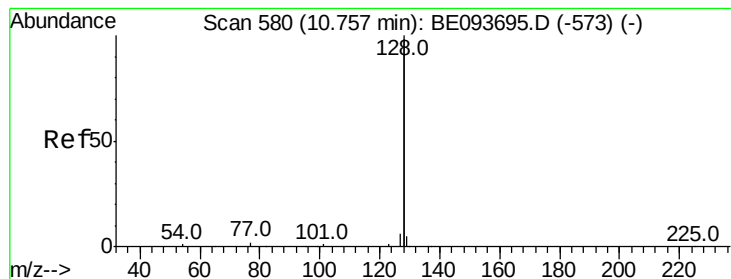


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.351 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

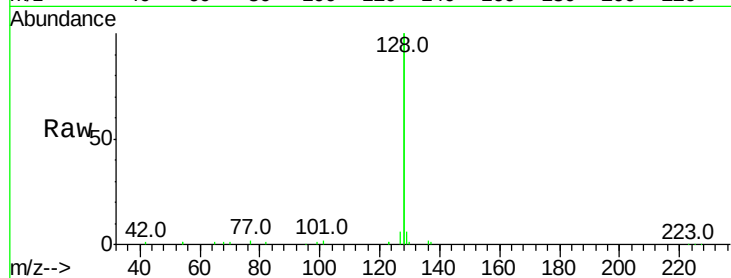
Tot Ion:128 Resp: 46209

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

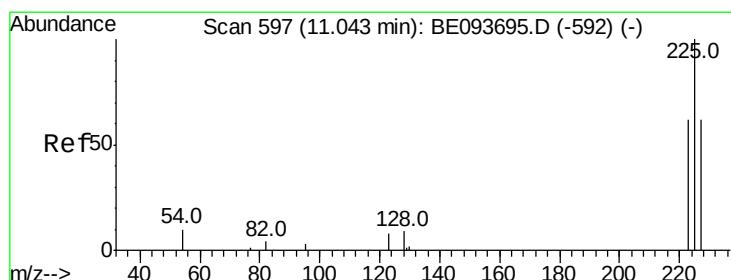
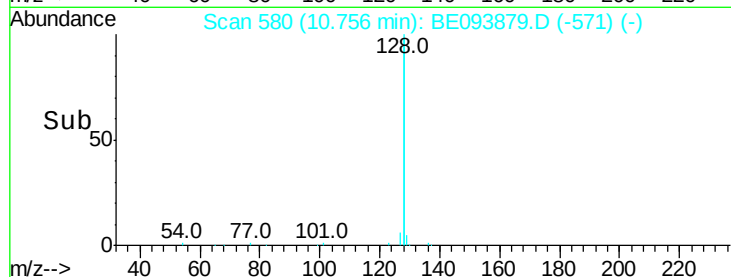
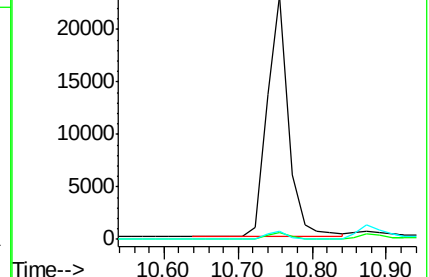
127 3.2 2.4 3.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.336 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

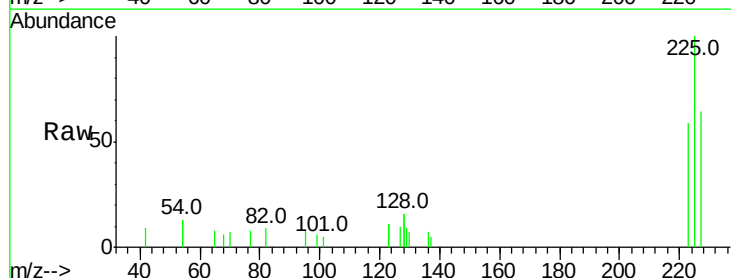
Tgt Ion:225 Resp: 1639

Ion Ratio Lower Upper

225 100

223 61.3 49.7 74.5

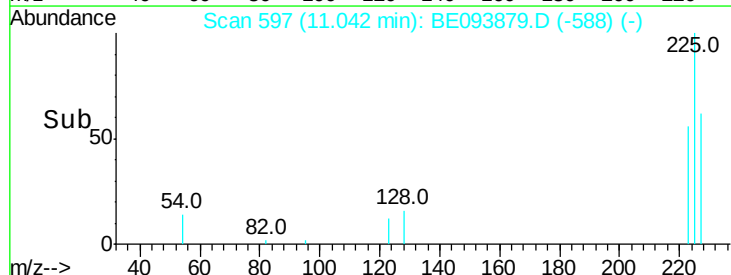
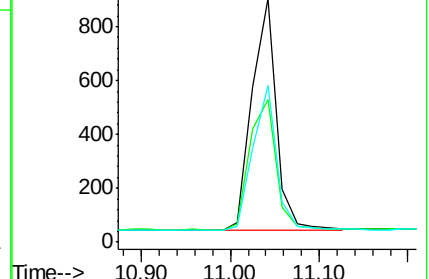
227 61.2 50.3 75.5

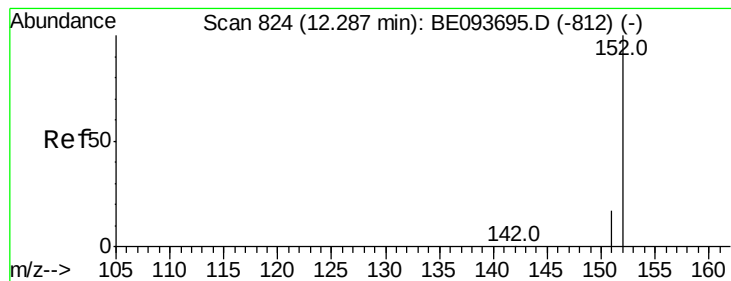


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

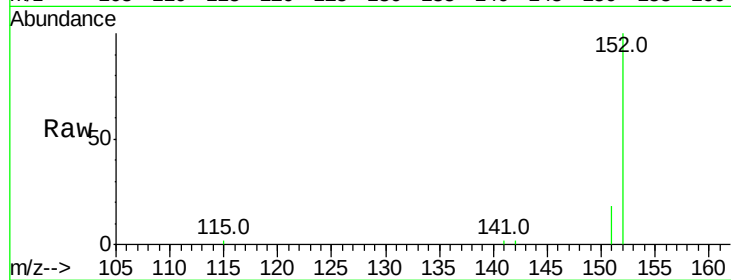
SSTDCCC0.4EC

Tot Ion:152 Resp: 6467

Ion Ratio Lower Upper

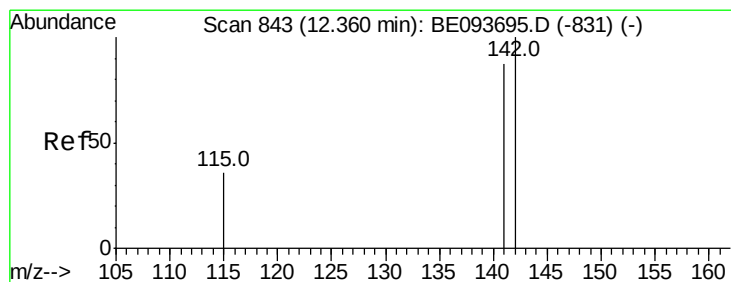
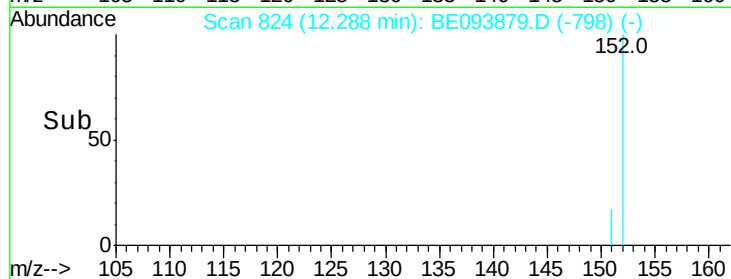
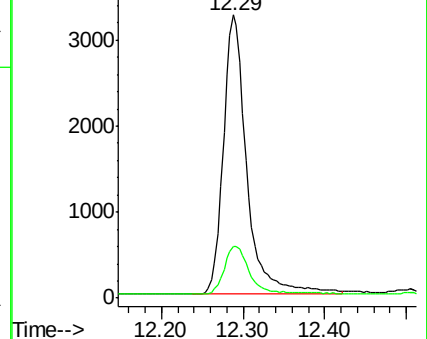
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.345 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

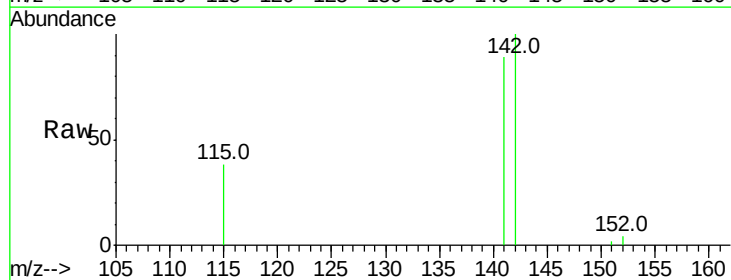
Tgt Ion:142 Resp: 7666

Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8

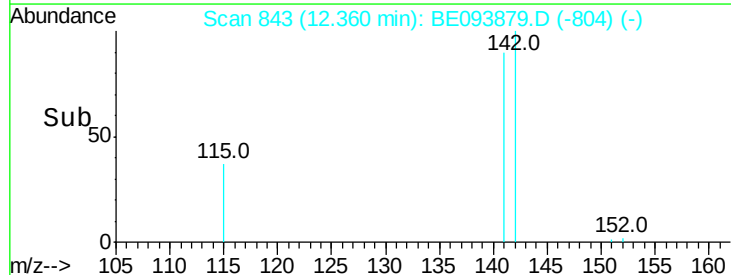
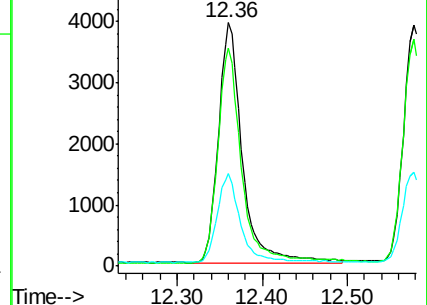
115 37.9 32.2 48.2

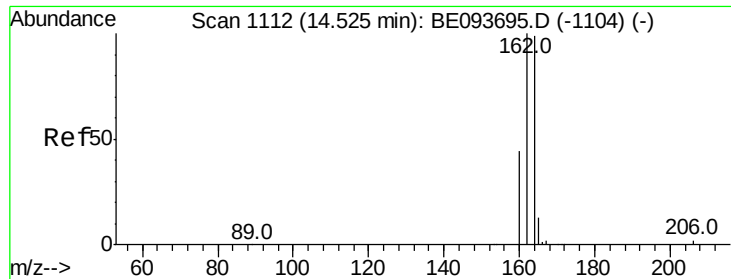


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

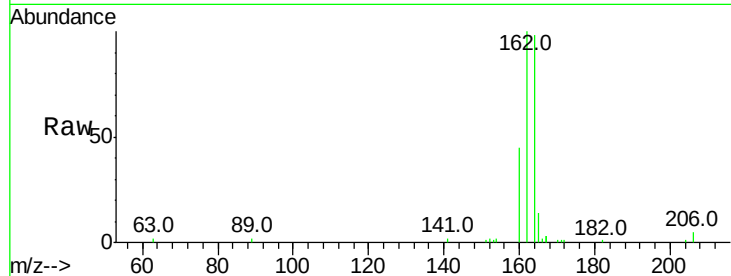
Tot Ion:164 Resp: 6429

Ion Ratio Lower Upper

164 100

162 102.3 84.6 127.0

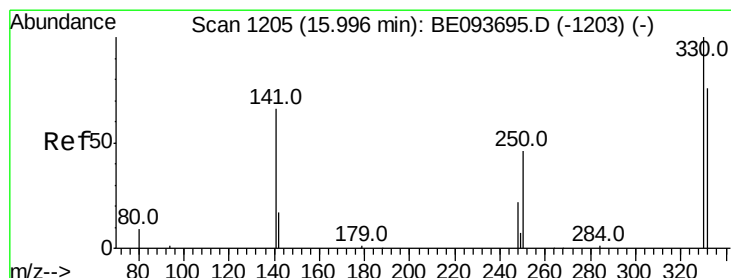
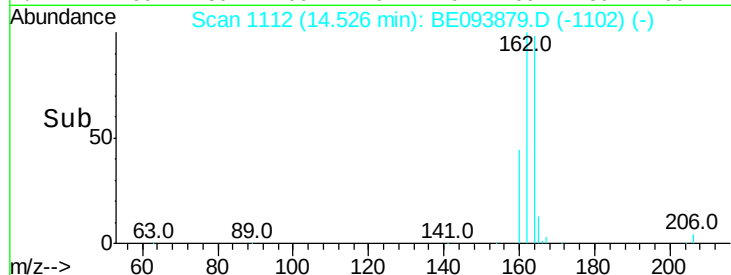
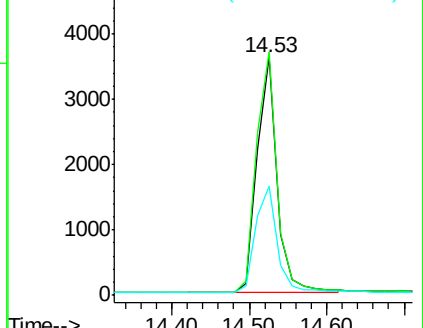
160 46.0 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.301 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

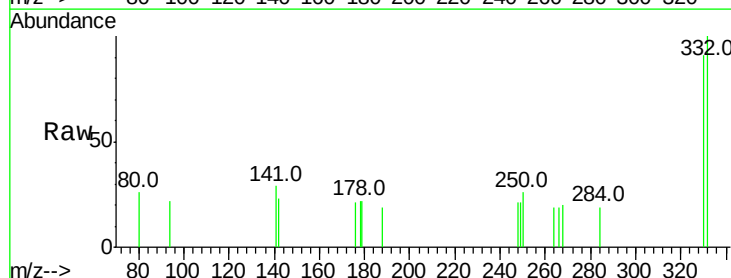
Tgt Ion:330 Resp: 530

Ion Ratio Lower Upper

330 100

332 98.9 77.7 116.5

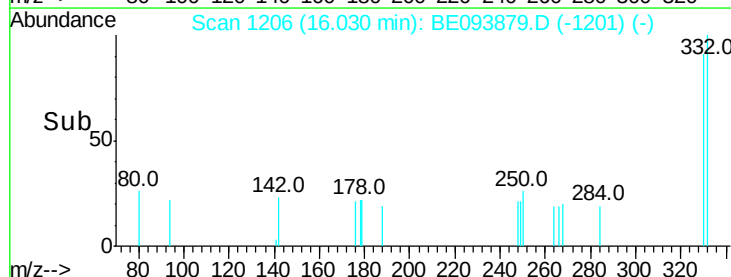
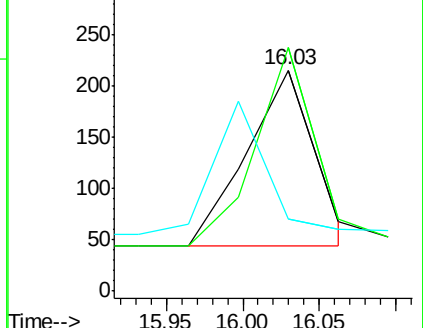
141 0.0 56.2 84.4#

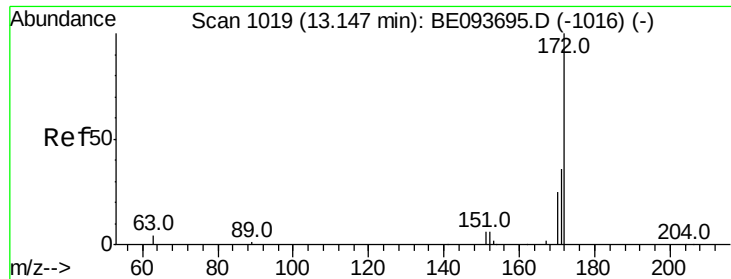


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

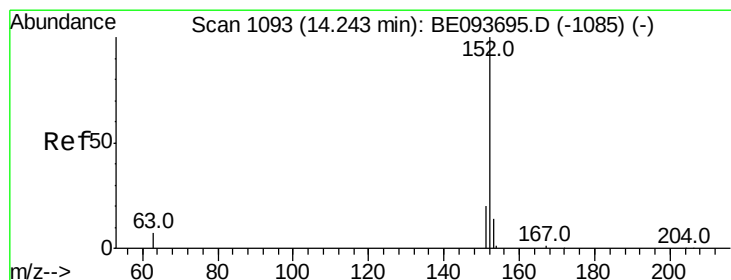
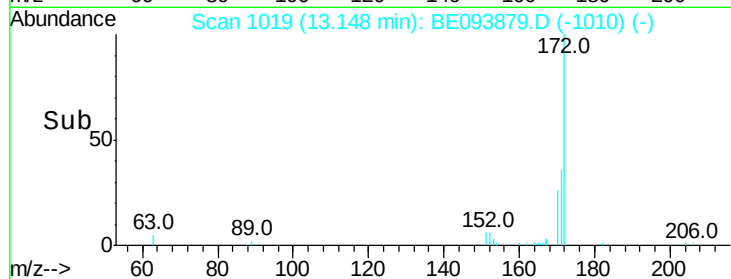
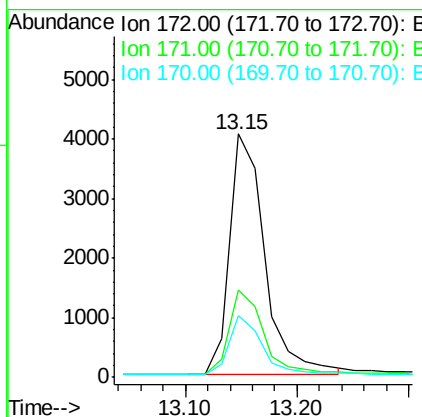
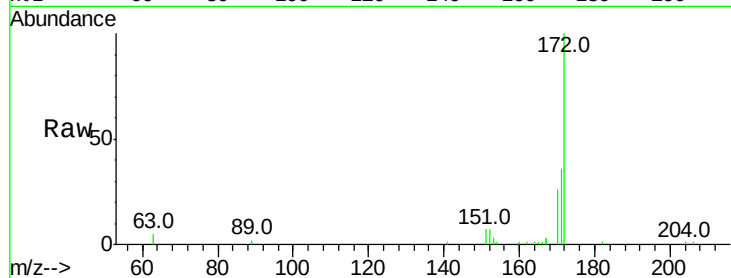




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

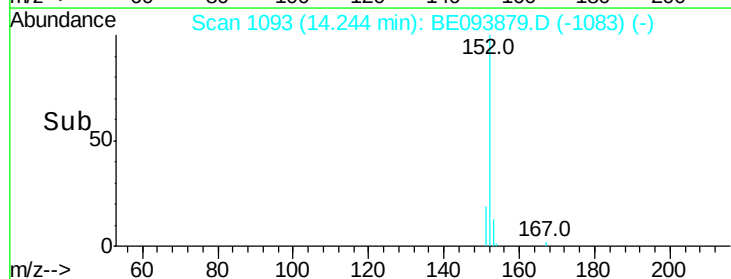
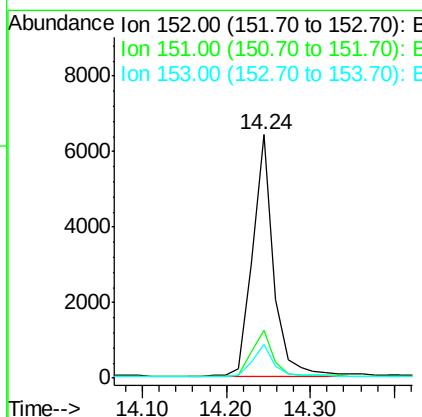
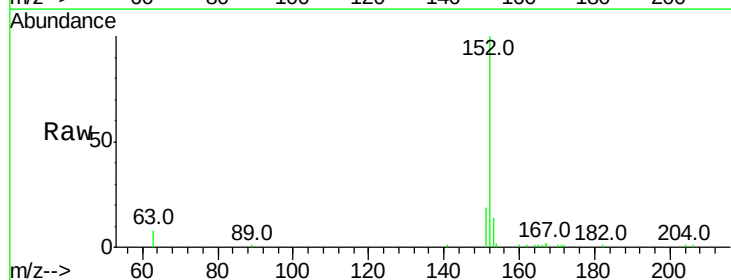
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

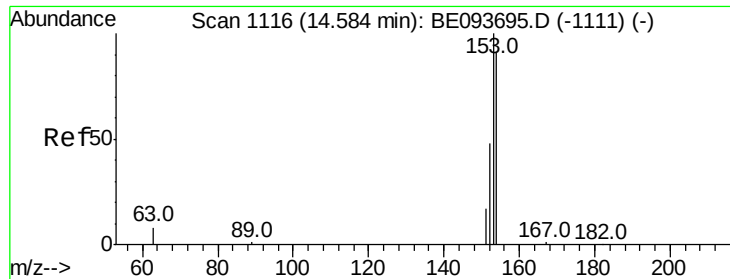
Tot Ion:172 Resp: 8864
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 25.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:152 Resp: 11184
Ion Ratio Lower Upper
152 100
151 19.3 4.0 6.0#
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.342 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

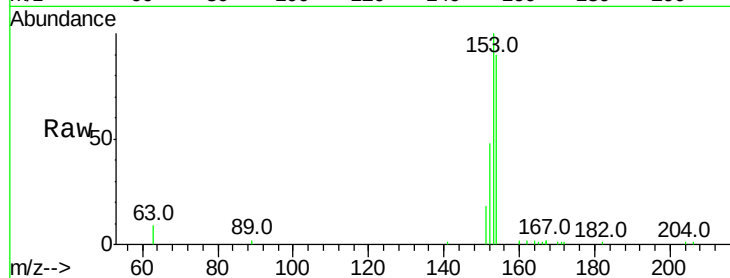
Tot Ion:154 Resp: 7459

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

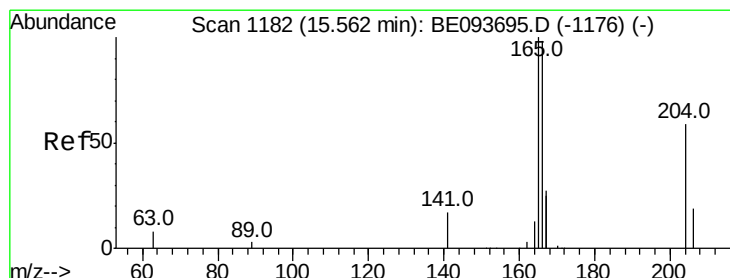
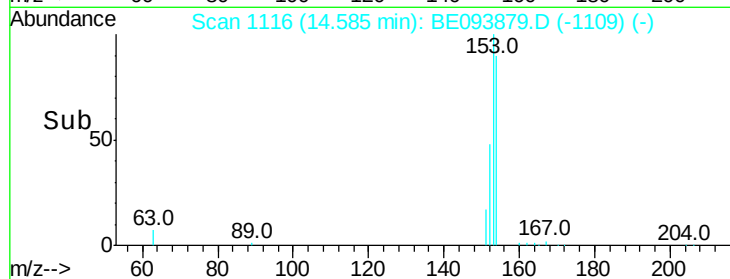
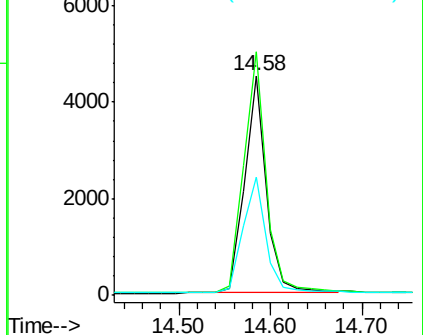
152 55.7 44.8 67.2



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: 0.339 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

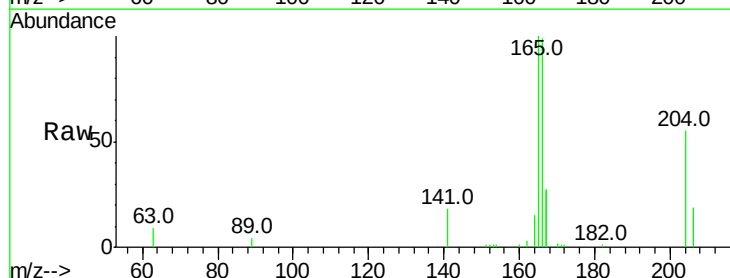
Tgt Ion:166 Resp: 9543

Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

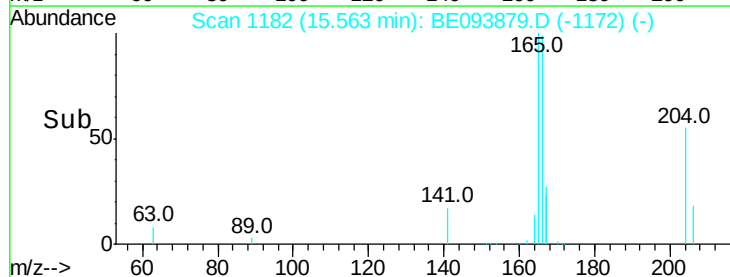
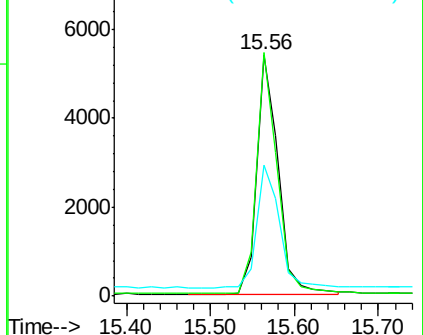
167 53.5 11.1 16.7#

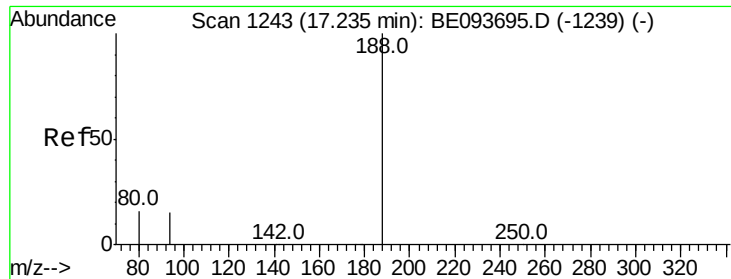


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

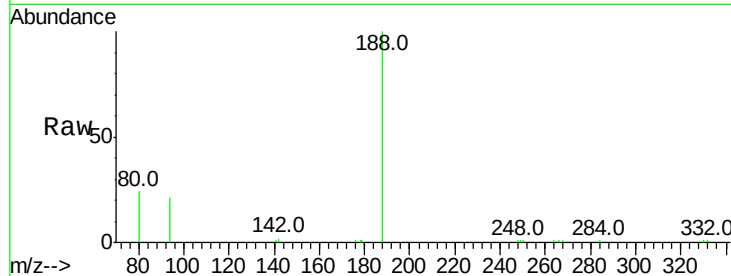
Tot Ion:188 Resp: 12359

Ion Ratio Lower Upper

188 100

94 21.0 11.3 16.9#

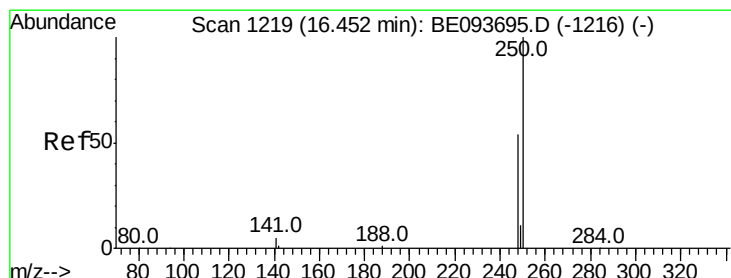
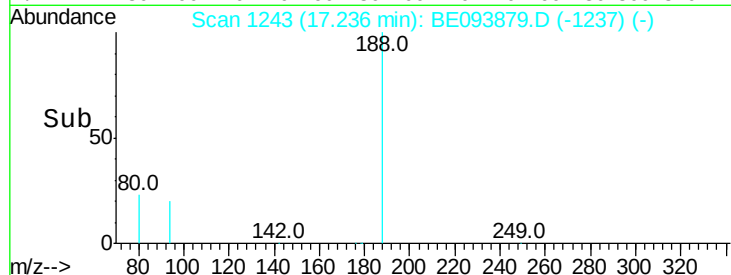
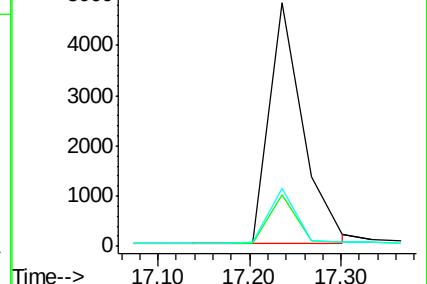
80 23.9 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.533 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

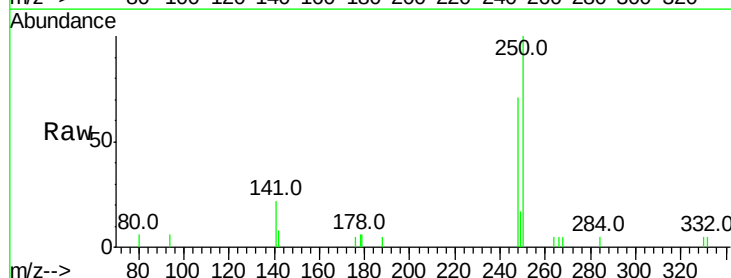
Tgt Ion:248 Resp: 1866

Ion Ratio Lower Upper

248 100

250 140.4 128.0 192.0

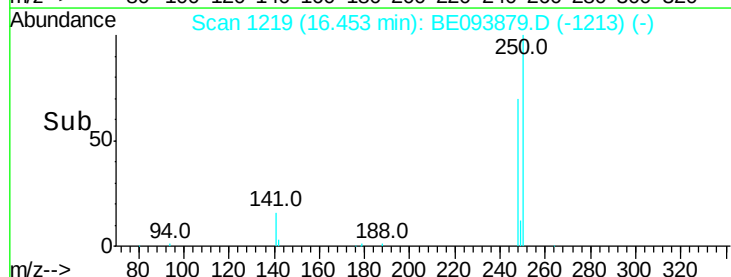
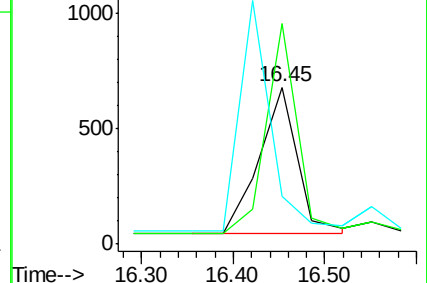
141 30.7 12.0 18.0#

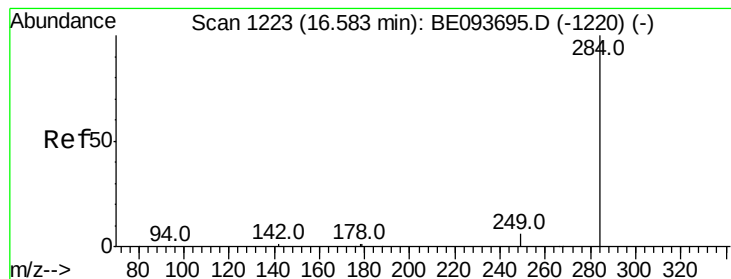


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.465 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

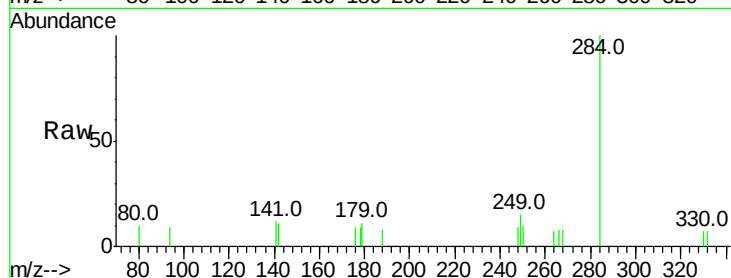
Tot Ion:284 Resp: 1733

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

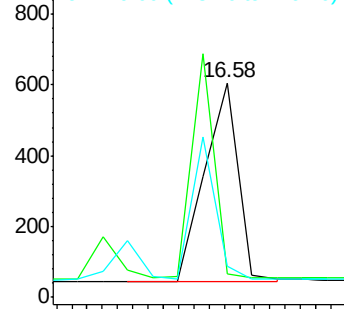
249 0.0 0.0 0.0



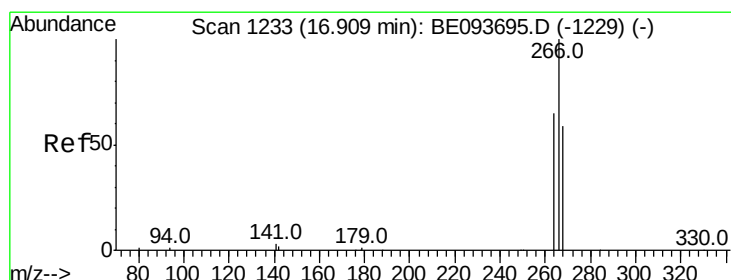
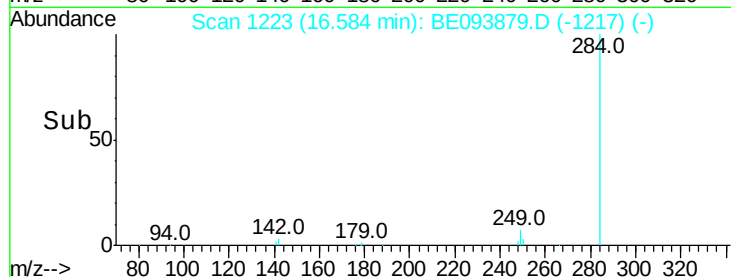
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.244 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.03 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

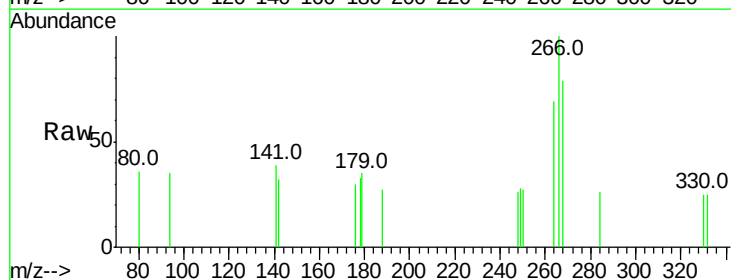
Tgt Ion:266 Resp: 636

Ion Ratio Lower Upper

266 100

264 69.3 56.0 84.0

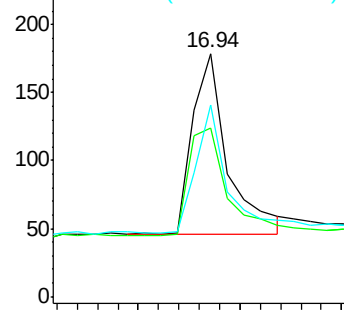
268 78.8 52.0 78.0#



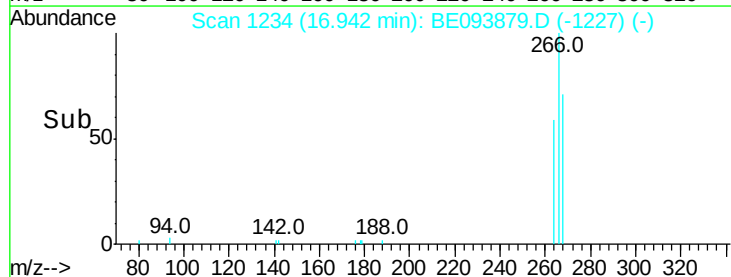
Abundance Ion 266.00 (265.70 to 266.70): E

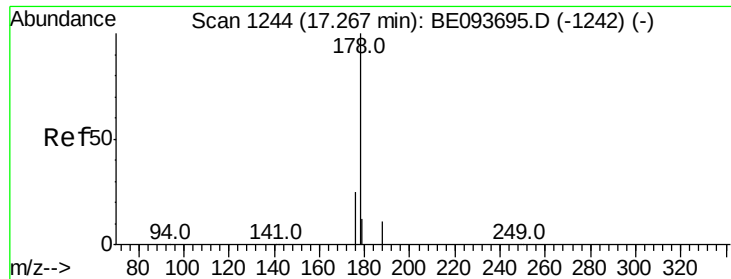
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.417 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.03 min

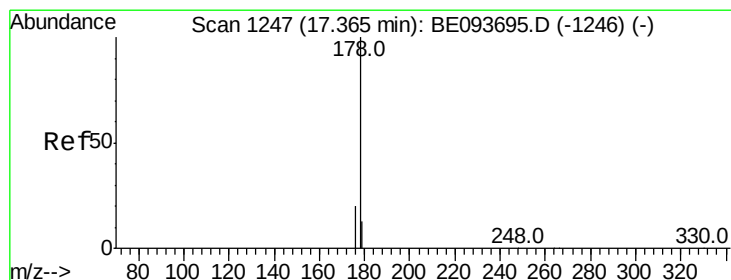
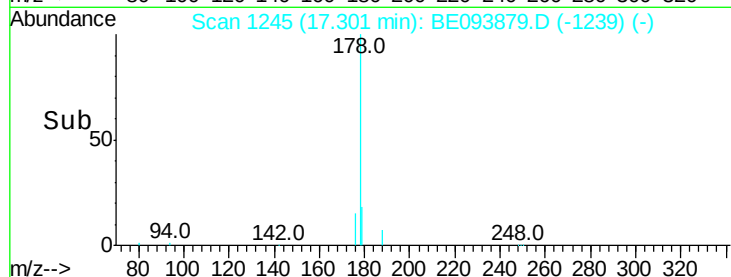
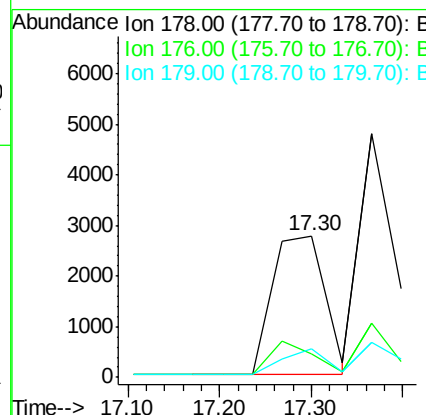
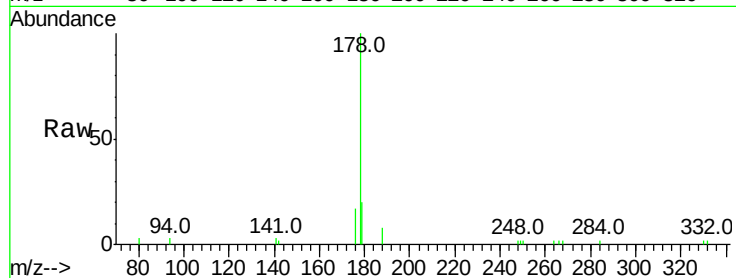
Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:178 Resp: 10968

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.1	12.7	19.1



#24

Anthracene

Concen: 0.303 ng

RT: 17.37 min Scan# 1247

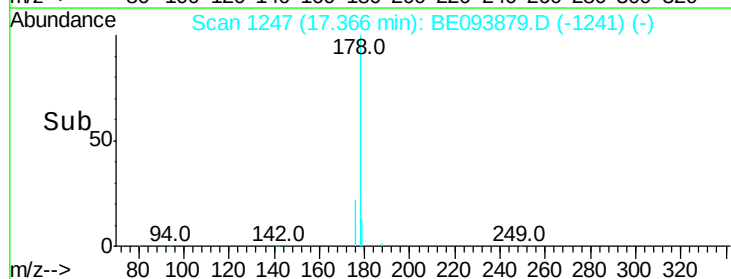
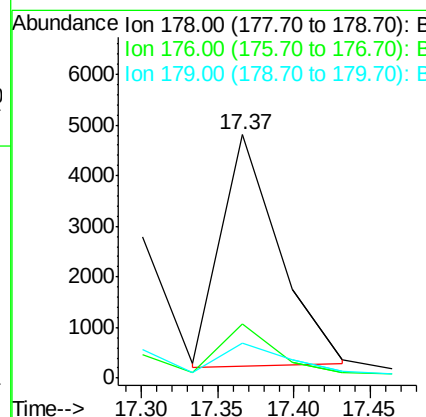
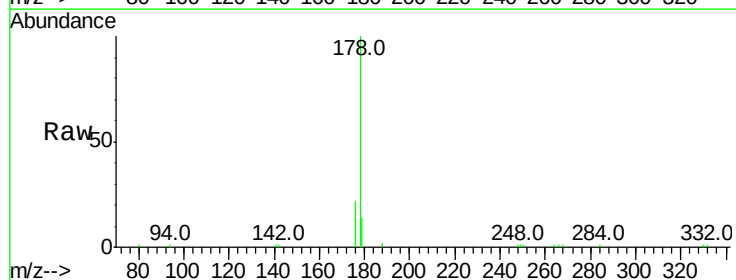
Delta R.T. 0.00 min

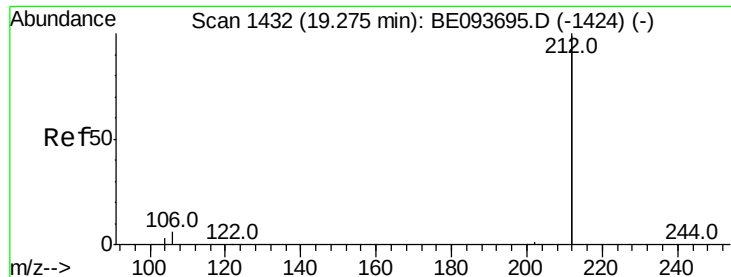
Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Tgt Ion:178 Resp: 12096

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.6	22.0
179	14.2	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

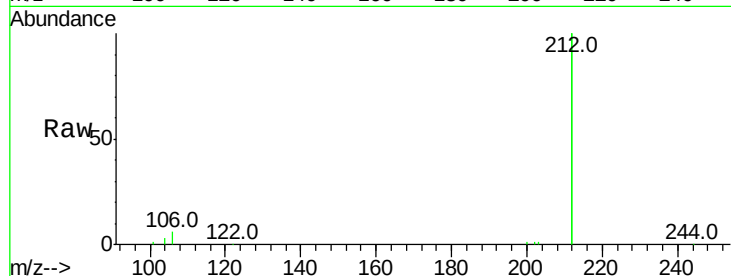
Tot Ion:212 Resp: 55958

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

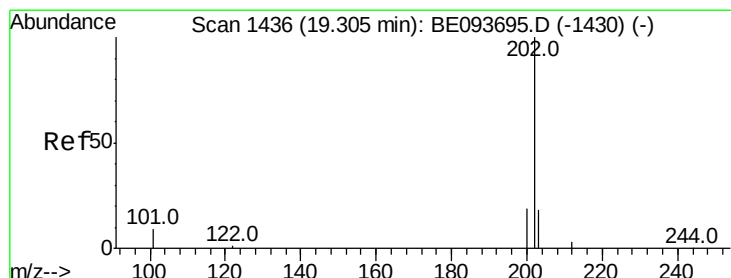
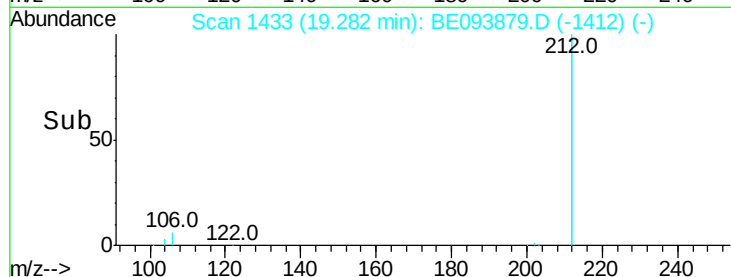
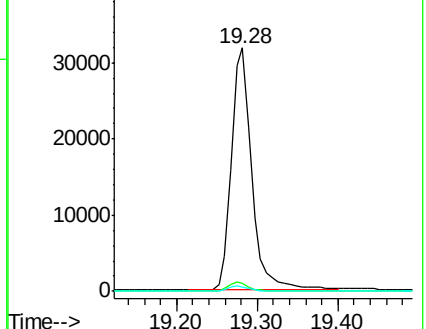
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.387 ng

RT: 19.31 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

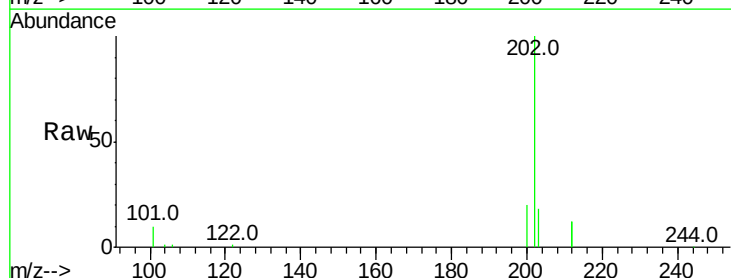
Tgt Ion:202 Resp: 16717

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

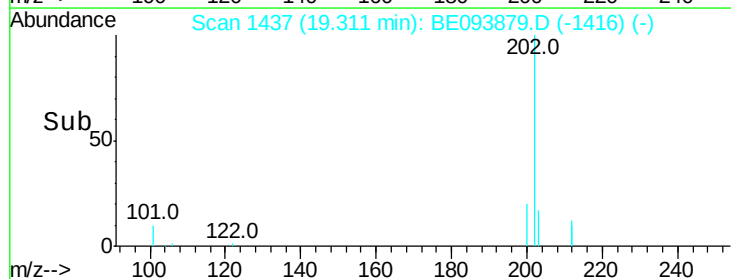
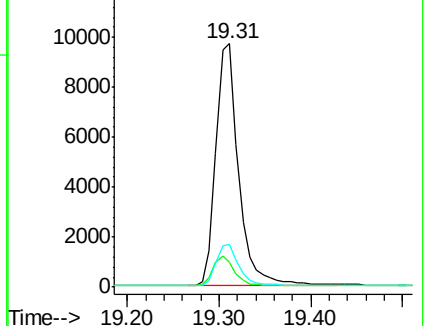
203 16.8 14.4 21.6

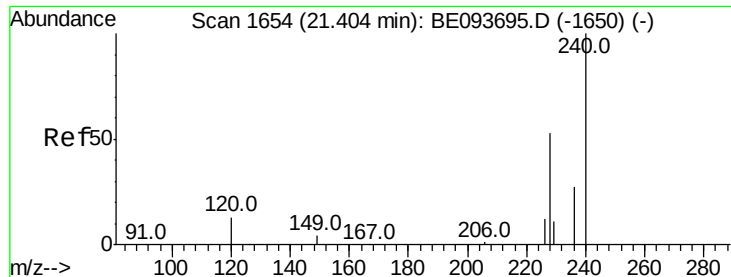


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

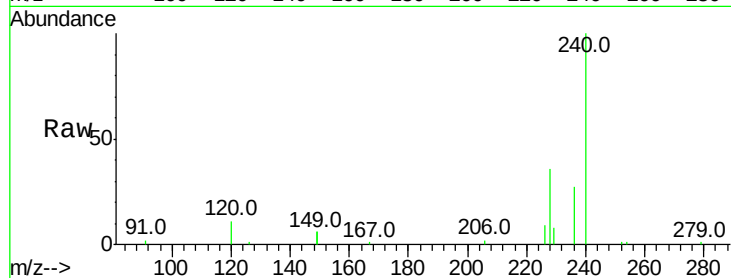
Tot Ion:240 Resp: 14790

Ion Ratio Lower Upper

240 100

120 10.7 4.6 7.0#

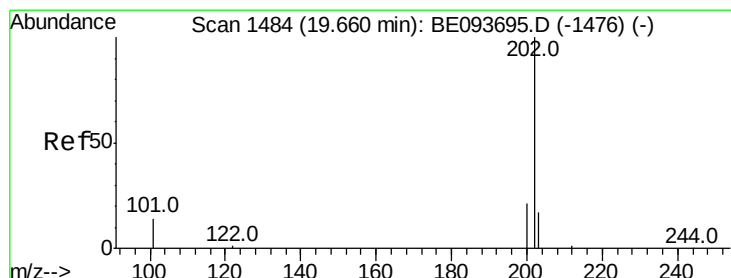
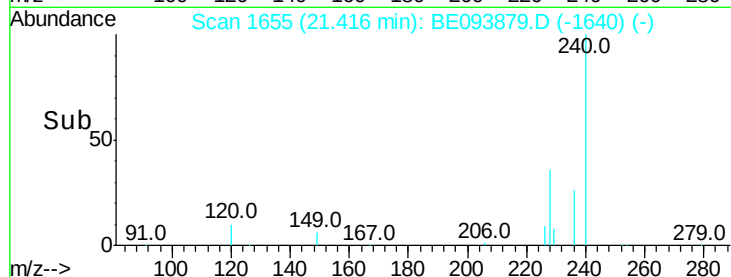
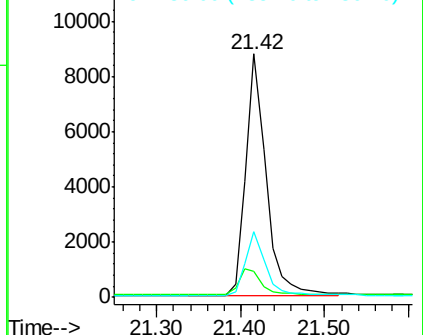
236 26.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.353 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

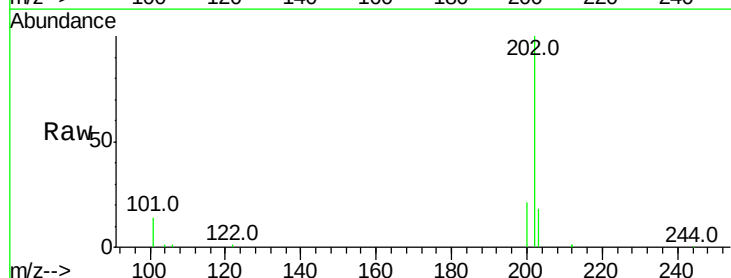
Tgt Ion:202 Resp: 17121

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

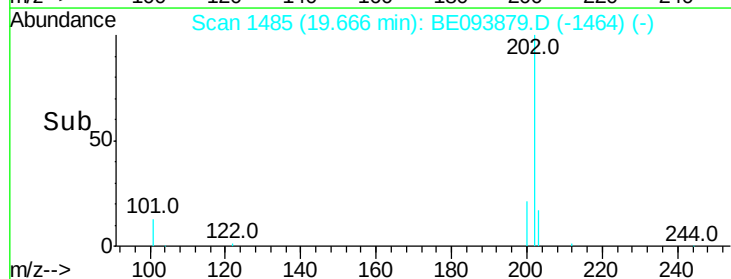
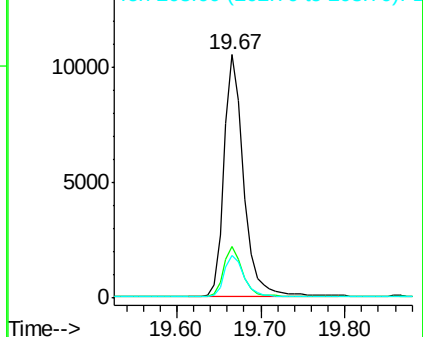
203 17.8 13.7 20.5

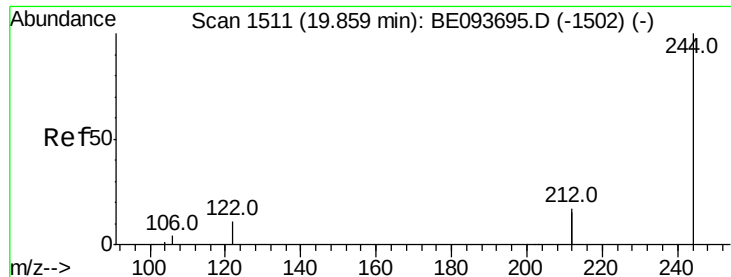


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.357 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

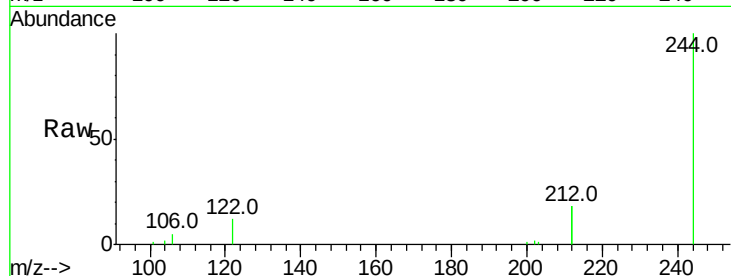
Tot Ion:244 Resp: 9415

Ion Ratio Lower Upper

244 100

212 35.7 10.6 16.0#

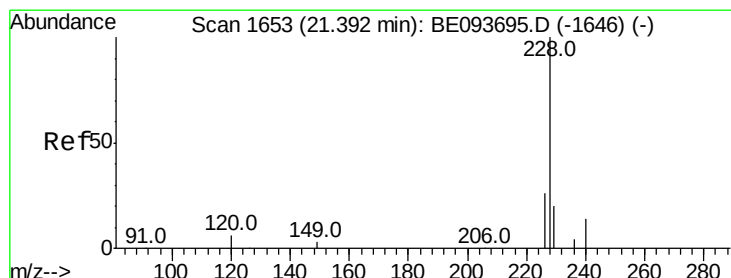
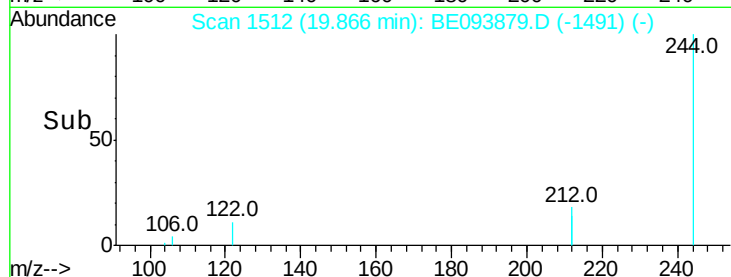
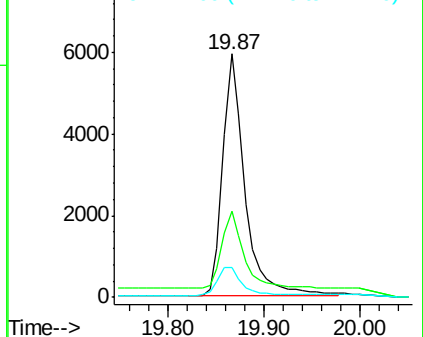
122 12.0 15.4 23.0#



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: 0.330 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

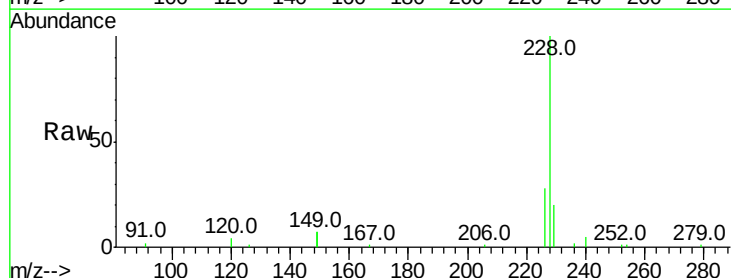
Tgt Ion:228 Resp: 15492

Ion Ratio Lower Upper

228 100

226 28.2 19.7 29.5

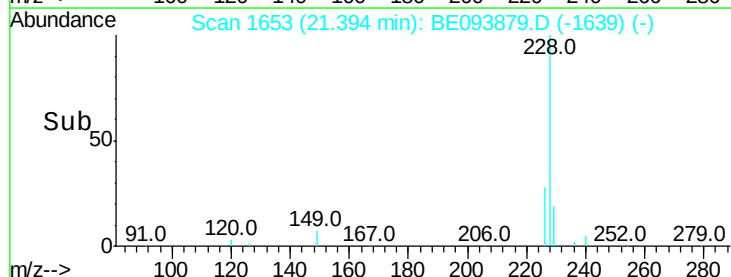
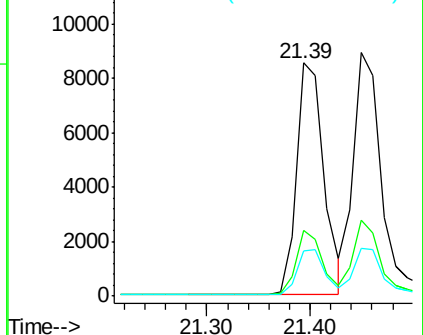
229 19.6 19.2 28.8

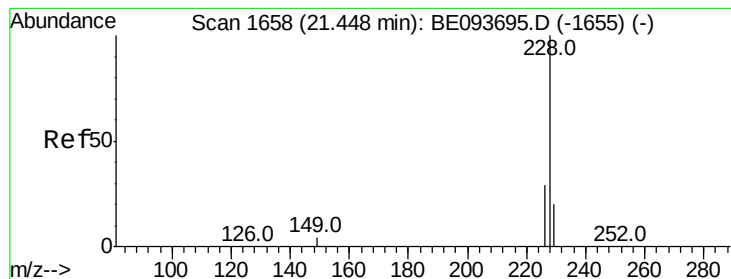


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.355 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

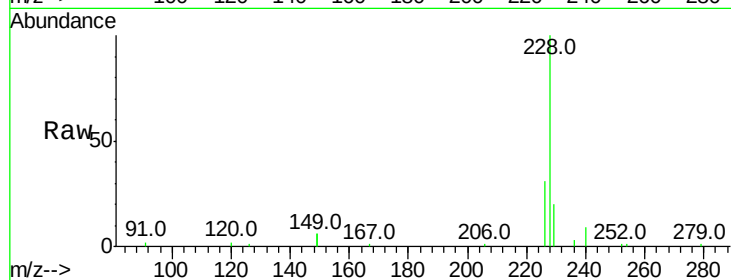
Tot Ion:228 Resp: 16995

Ion Ratio Lower Upper

228 100

226 31.1 21.5 32.3

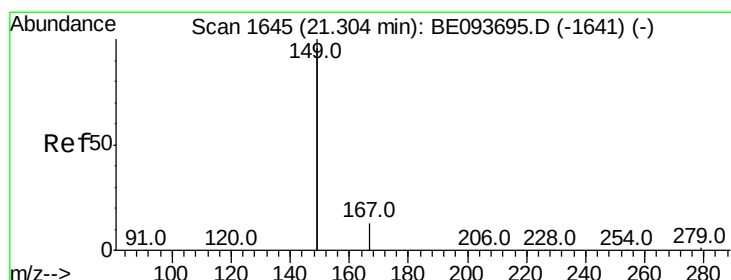
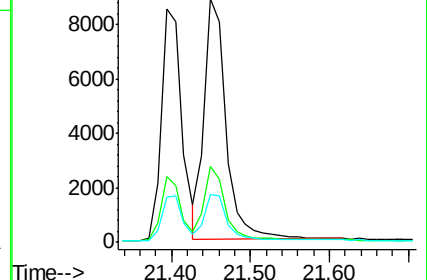
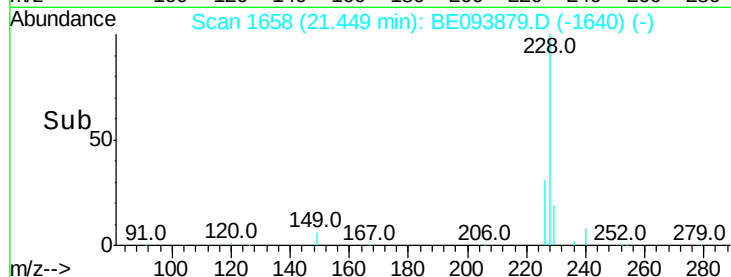
229 19.9 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.329 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

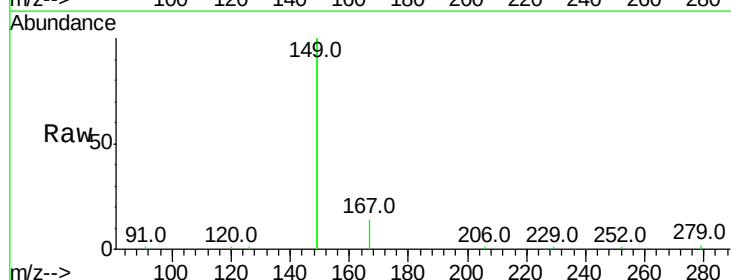
Tgt Ion:149 Resp: 33094

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

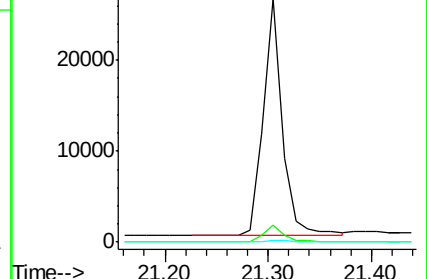
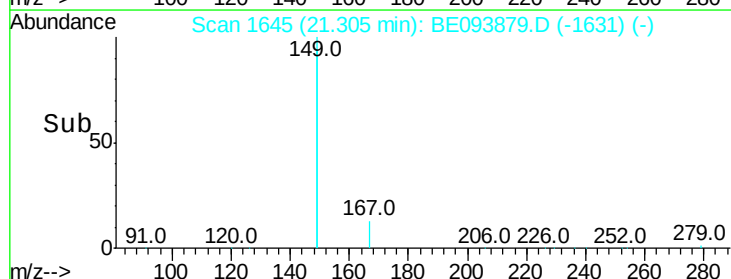
279 1.0 0.8 1.2

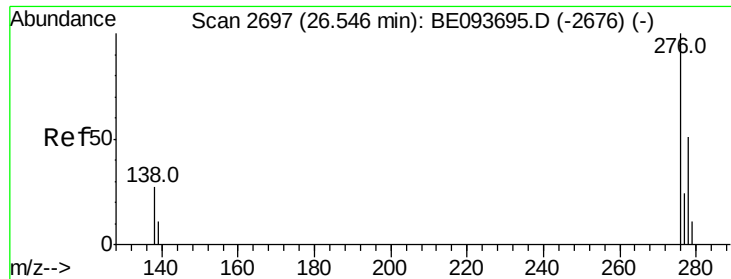


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

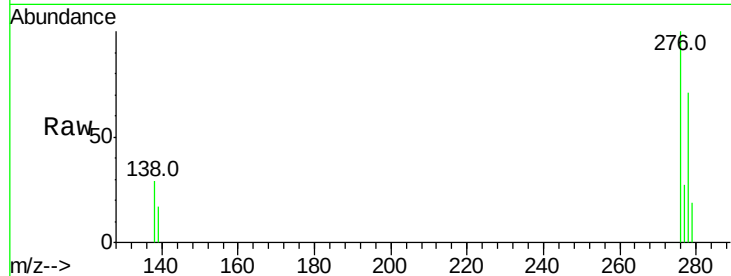




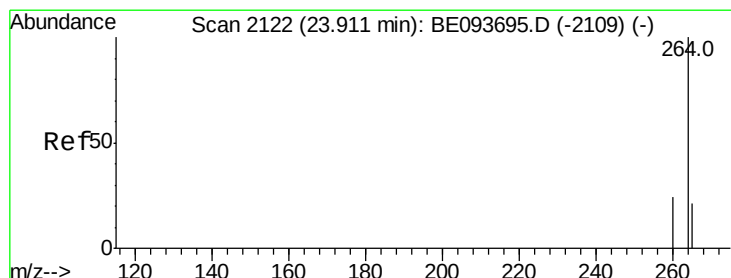
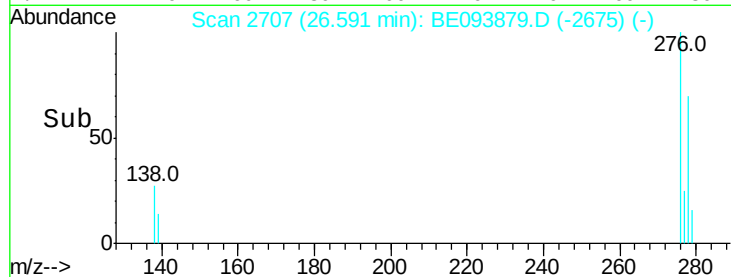
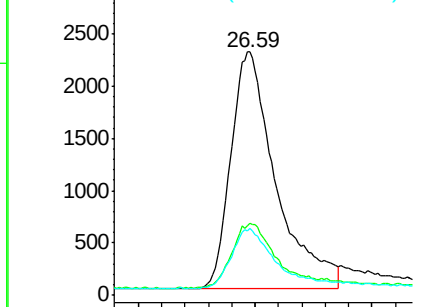
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.263 ng
 RT: 26.59 min Scan# 2707
 Delta R.T. 0.05 min
 Lab File: BE093879.D
 Acq: 22 Aug 2017 17:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 12153
 Ion Ratio Lower Upper
 276 100
 138 26.6 27.4 41.2#
 277 25.1 20.1 30.1

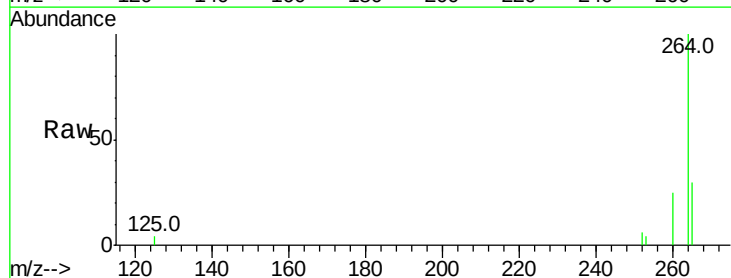


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

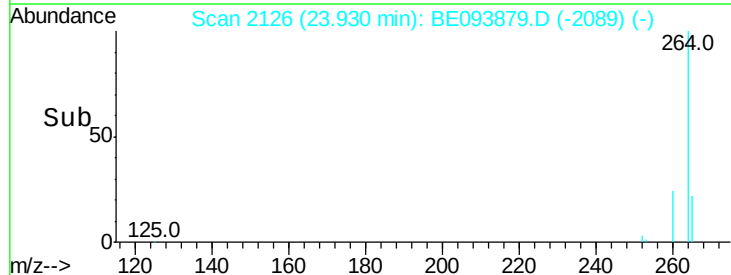
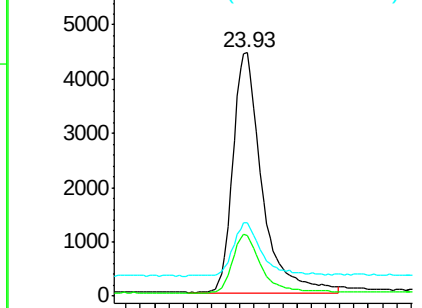


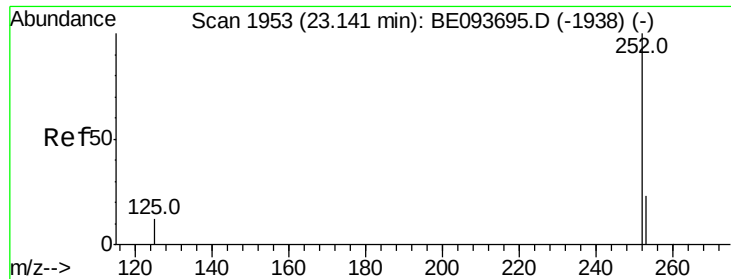
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. 0.02 min
 Lab File: BE093879.D
 Acq: 22 Aug 2017 17:16

Tgt Ion:264 Resp: 12584
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.0 31.4
 265 30.0 24.6 36.8



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

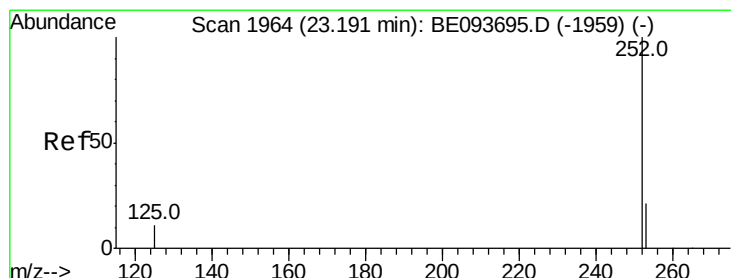
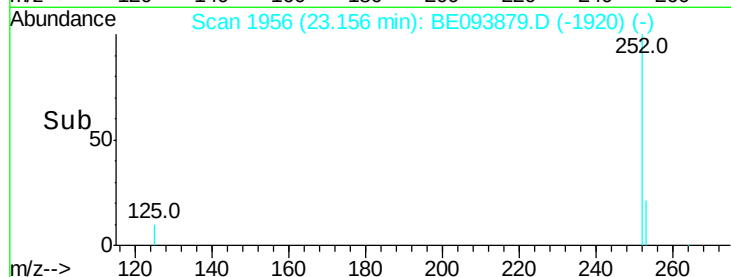
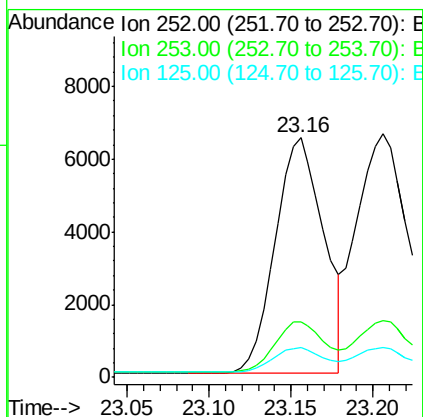
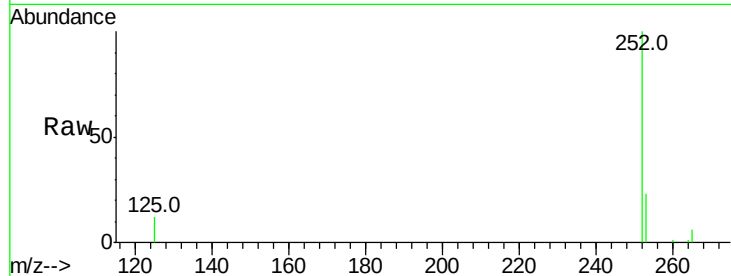




#35
Benzo(b)fluoranthene
Concen: 0.307 ng
RT: 23.16 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

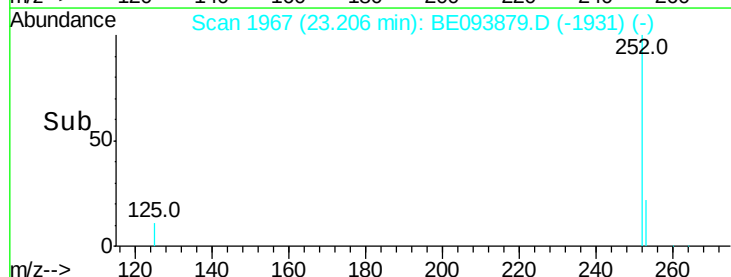
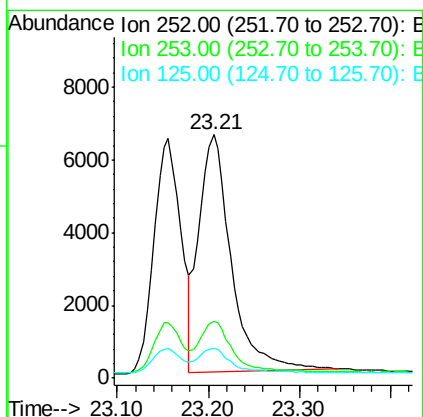
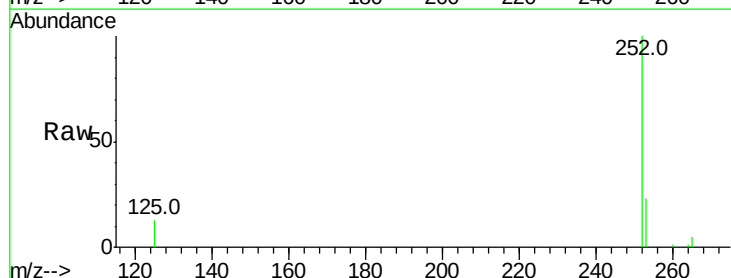
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

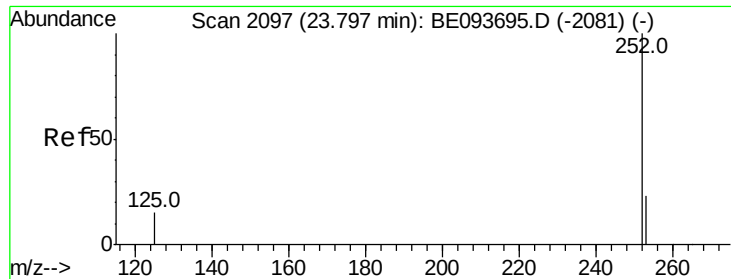
Tot Ion:252 Resp: 13408
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 12.3 13.4 20.0#



#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.21 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:252 Resp: 16089
Ion Ratio Lower Upper
252 100
253 23.4 20.3 30.5
125 12.5 12.2 18.4





#37

Benzo(a)pyrene

Concen: 0.335 ng

RT: 23.82 min Scan# 2101

Delta R.T. 0.02 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

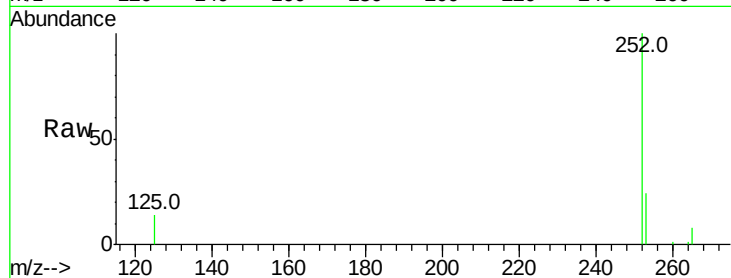
Tot Ion:252 Resp: 13785

Ion Ratio Lower Upper

252 100

253 24.2 19.9 29.9

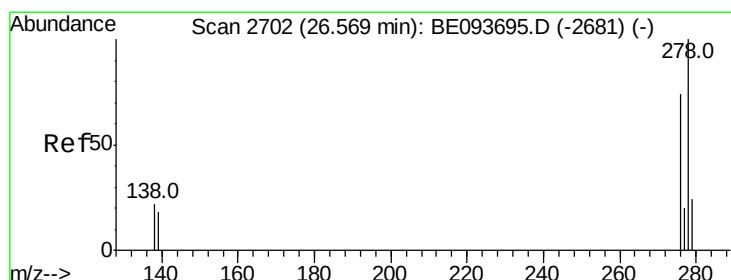
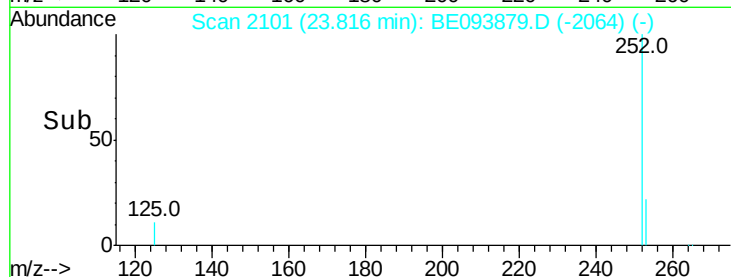
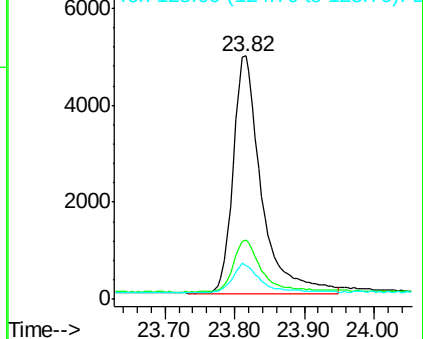
125 13.9 14.6 21.8#



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: 0.274 ng

RT: 26.61 min Scan# 2711

Delta R.T. 0.04 min

Lab File: BE093879.D

Acq: 22 Aug 2017 17:16

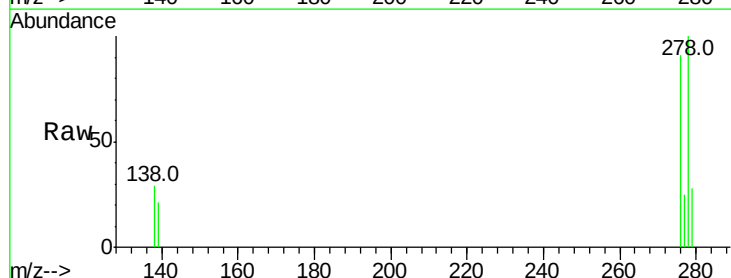
Tgt Ion:278 Resp: 10578

Ion Ratio Lower Upper

278 100

139 21.1 21.4 32.0#

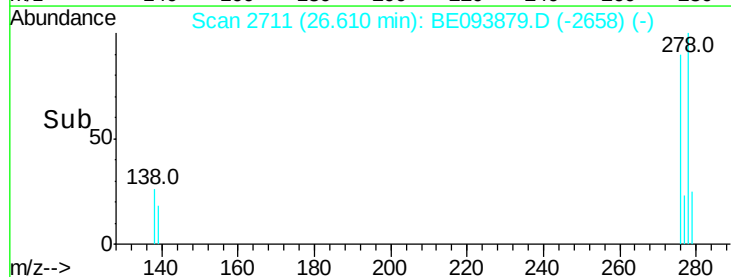
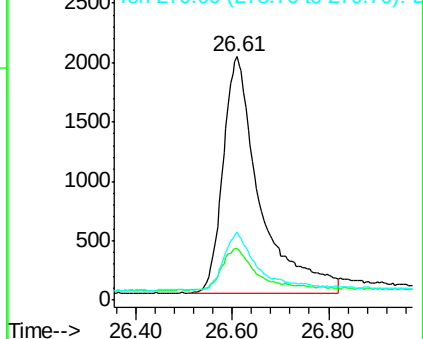
279 27.8 22.2 33.2

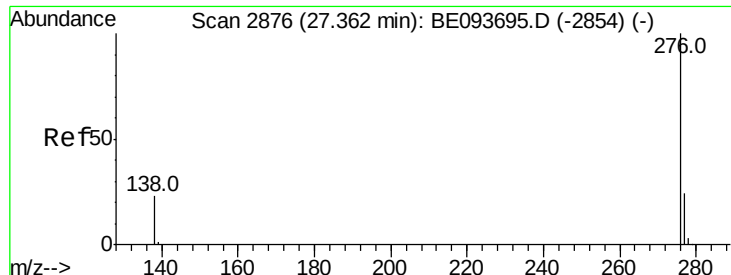


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.284 ng

RT: 27.39 min Scan# 2883

Delta R.T. 0.03 min

Lab File: BE093879.D

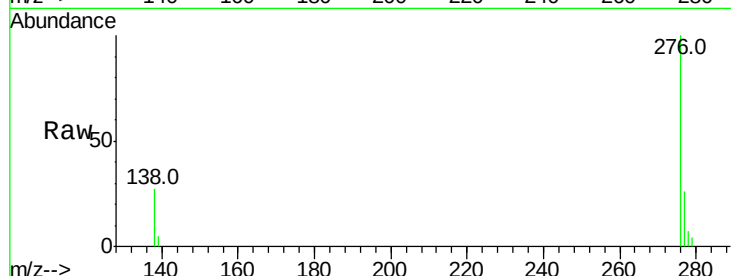
Acq: 22 Aug 2017 17:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 10966

Ion Ratio Lower Upper

276 100

277 25.8 21.2 31.8

138 26.7 24.5 36.7

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

