

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
 Data File : BE093996.D
 Acq On : 13 Sep 2017 19:24
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

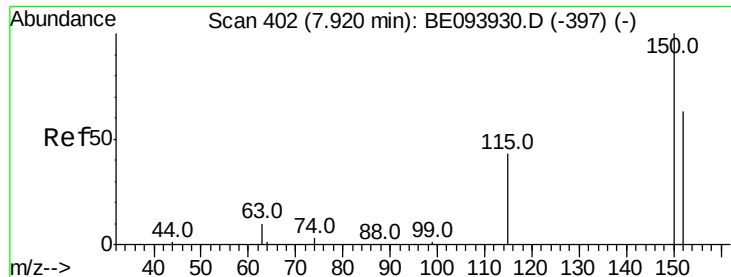
Quant Time: Sep 14 00:56:00 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2025	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10239	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5859	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10664	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14270	0.40	ng	-0.01
34) Perylene-d12	23.93	264	10866	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2598	0.40	ng	0.00
5) Phenol-d6	7.11	99	3763	0.38	ng	0.00
8) Nitrobenzene-d5	9.08	82	3412	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6675	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	712	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	9217	0.40	ng	0.00
25) Fluoranthene-d10	19.28	212	63229	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	10411	0.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	1364	0.489	ng	91
3) n-Nitrosodimethylamine	3.75	42	1361	0.416	ng	# 98
6) bis(2-Chloroethyl)ether	7.34	93	3188	0.397	ng	90
9) Naphthalene	10.76	128	47353	0.403	ng	100
10) Hexachlorobutadiene	11.03	225	1699	0.398	ng	98
12) 2-Methylnaphthalene	12.36	142	7814	0.401	ng	99
16) Acenaphthylene	14.24	152	11529	0.394	ng	100
17) Acenaphthene	14.58	154	7928	0.401	ng	99
18) Fluorene	15.58	166	10216	0.401	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2517	0.408	ng	89
21) Hexachlorobenzene	16.58	284	2071	0.329	ng	# 100
22) Pentachlorophenol	16.94	266	747	0.442	ng	97
23) Phenanthrene	17.30	178	18113	0.556	ng	# 99
24) Anthracene	17.30	178	18094	0.557	ng	# 97
26) Fluoranthene	19.31	202	18798	0.396	ng	100
28) Pyrene	19.67	202	19635	0.400	ng	100
30) Benzo(a)anthracene	21.40	228	16137	0.368	ng	99
31) Chrysene	21.46	228	18945	0.409	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	36930	0.347	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	9919	0.321	ng	97
35) Benzo(b)fluoranthene	23.16	252	13672	0.395	ng	99
36) Benzo(k)fluoranthene	23.21	252	18322	0.432	ng	98
37) Benzo(a)pyrene	23.82	252	14106	0.400	ng	98
38) Dibenzo(a,h)anthracene	26.62	278	8130	0.348	ng	94
39) Benzo(g,h,i)perylene	27.43	276	8898	0.361	ng	98

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

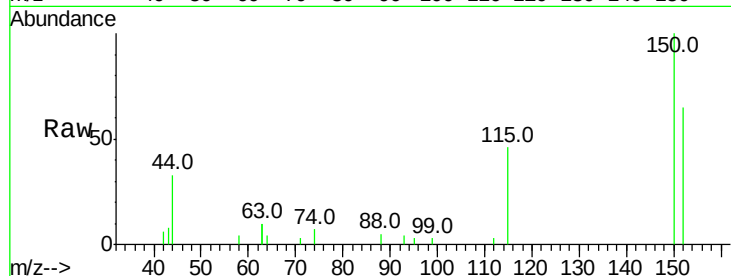


#1

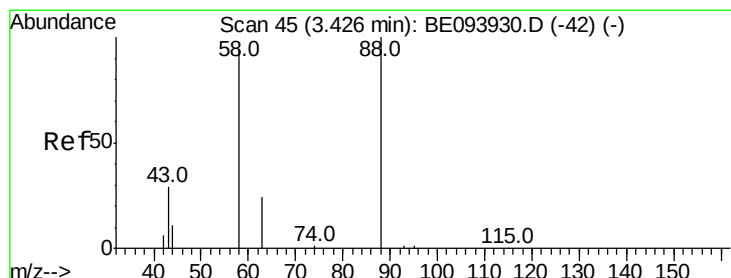
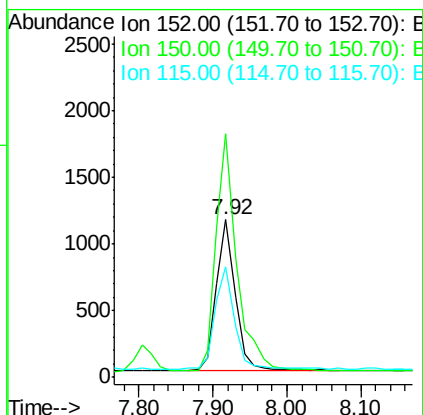
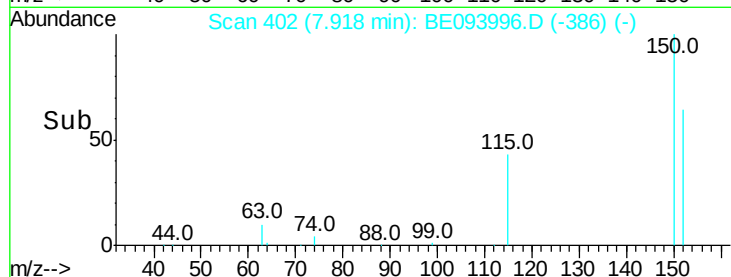
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2025
Ion Ratio Lower Upper
152 100
150 154.4 121.8 182.6
115 70.2 52.6 79.0



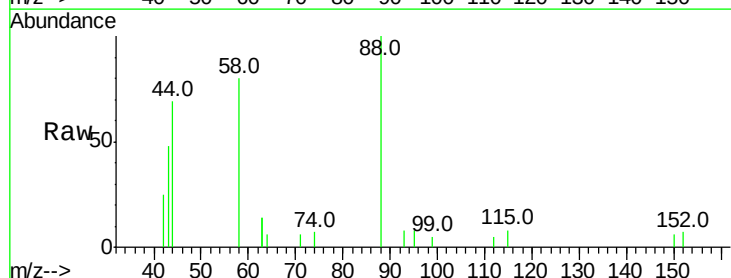
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



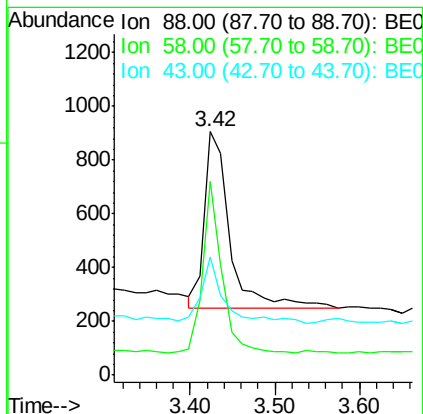
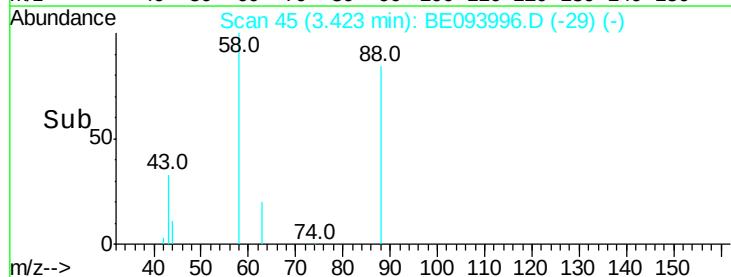
#2

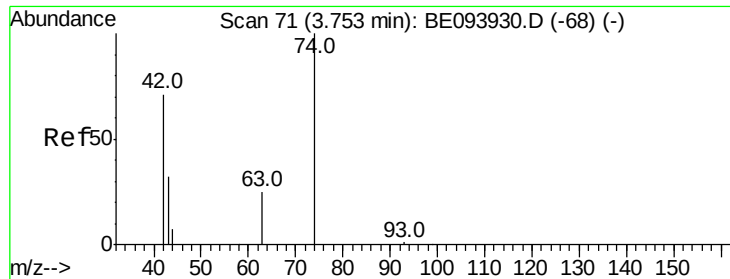
1,4-Dioxane
Concen: 0.489 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

Tgt Ion: 88 Resp: 1364
Ion Ratio Lower Upper
88 100
58 73.8 65.4 98.0
43 34.5 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: 0.416 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

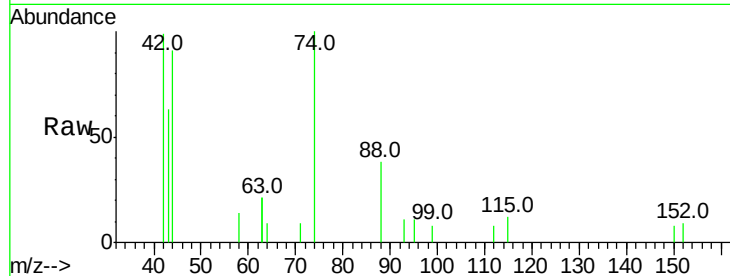
Tot Ion: 42 Resp: 1361

Ion Ratio Lower Upper

42 100

74 129.1 104.0 156.0

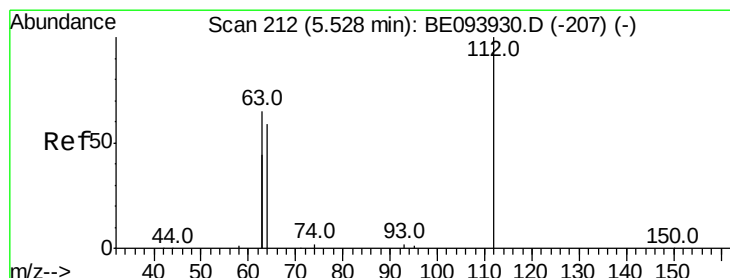
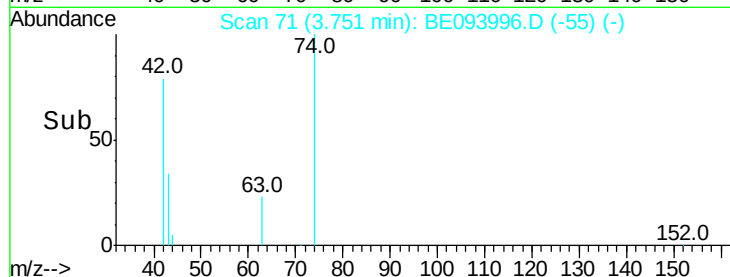
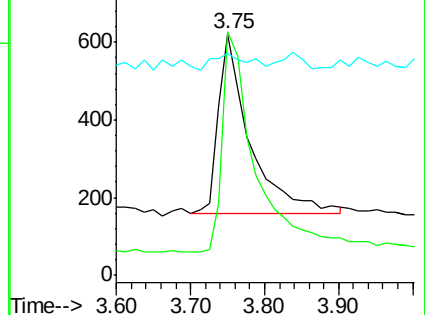
44 11.0 13.8 20.8#



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: 0.397 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

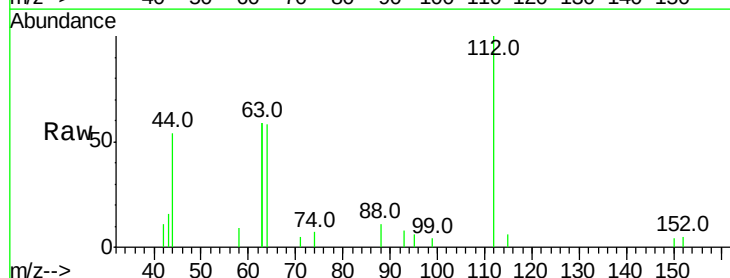
Tgt Ion: 112 Resp: 2598

Ion Ratio Lower Upper

112 100

64 73.2 57.7 86.5

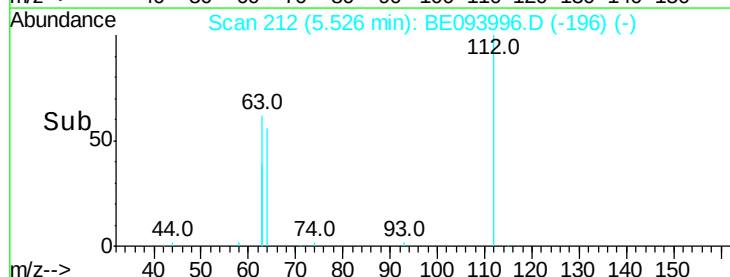
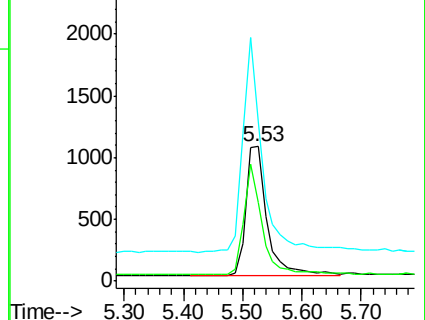
63 151.9 116.0 174.0

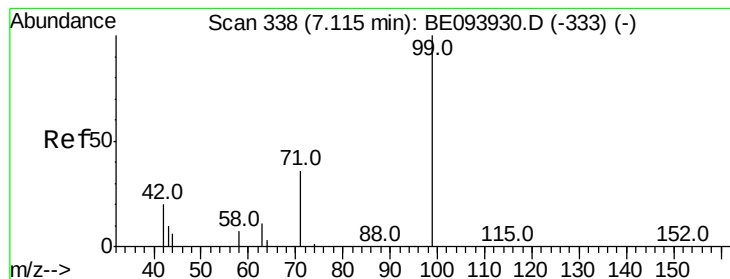


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.383 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

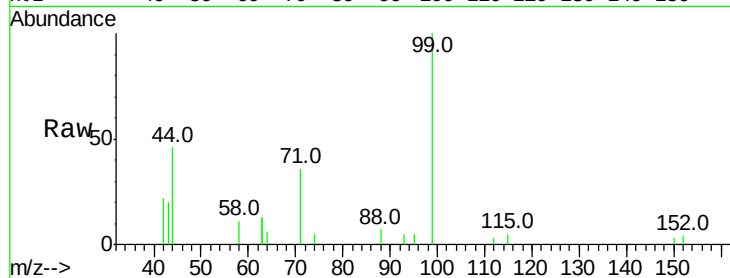
Tot Ion: 99 Resp: 3763

Ion Ratio Lower Upper

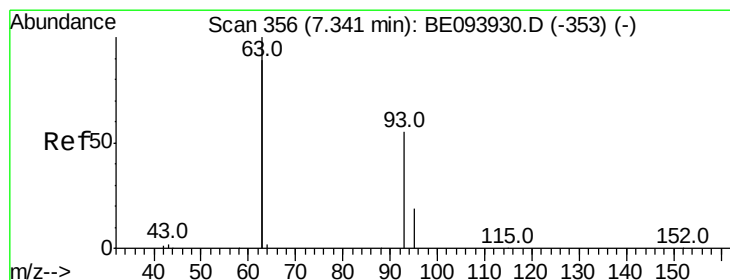
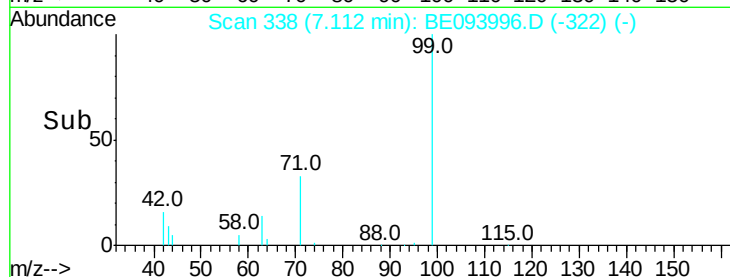
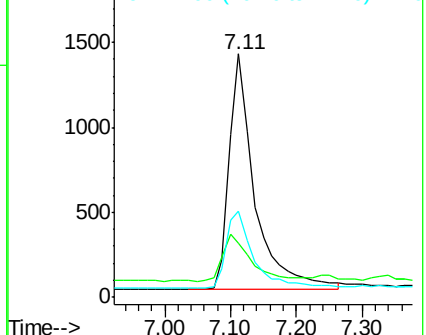
99 100

42 22.1 17.1 25.7

71 35.6 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: 0.397 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

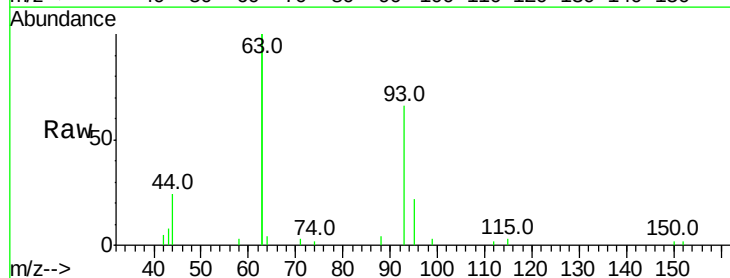
Tgt Ion: 93 Resp: 3188

Ion Ratio Lower Upper

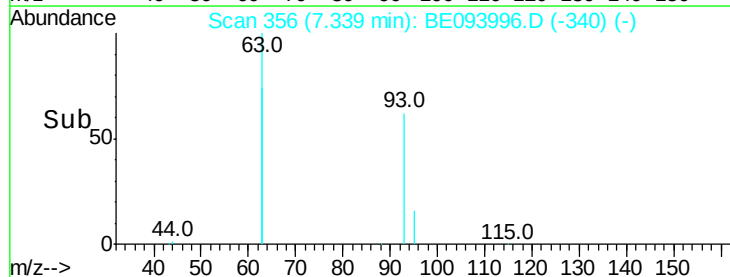
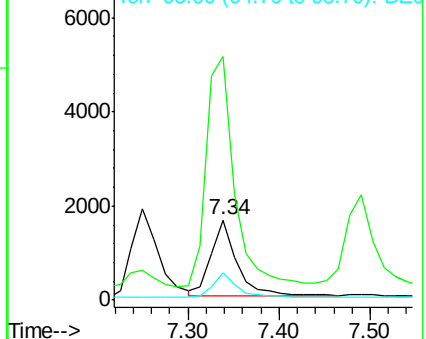
93 100

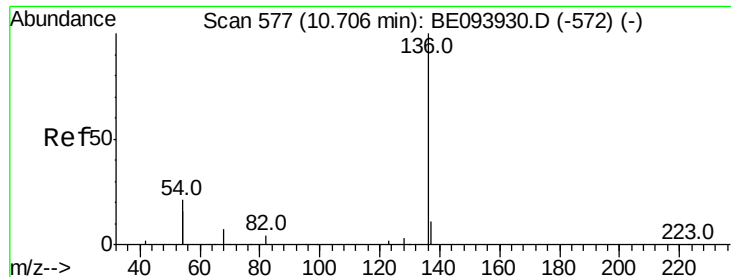
63 330.6 283.4 425.2

95 30.3 26.9 40.3



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 10239

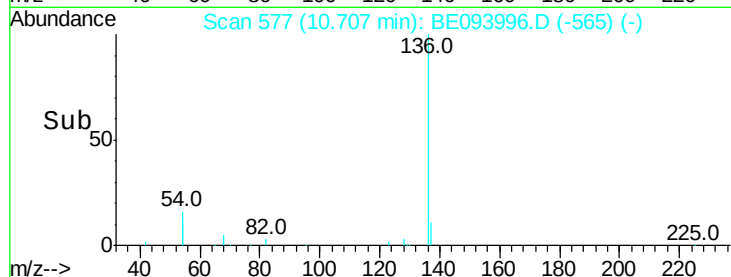
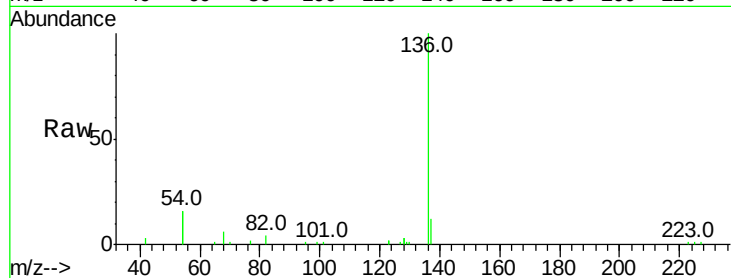
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 31.3 21.9 32.9

68 6.2 4.6 7.0

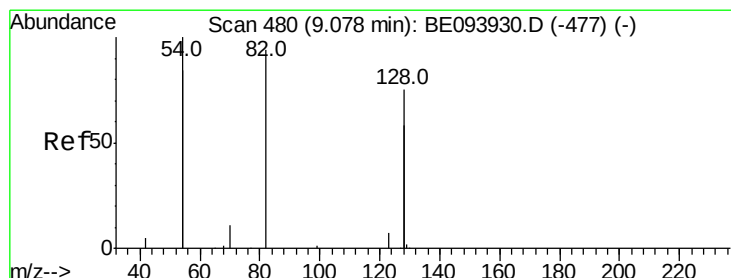
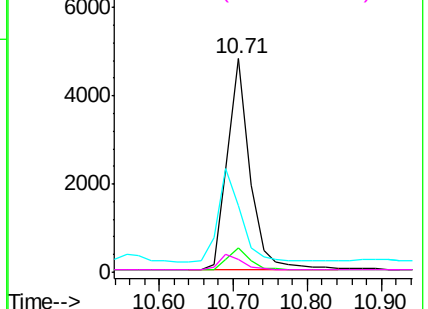


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

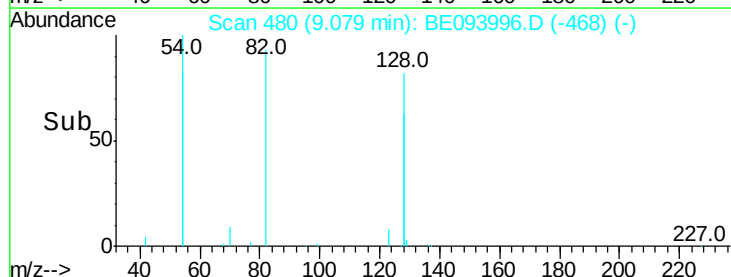
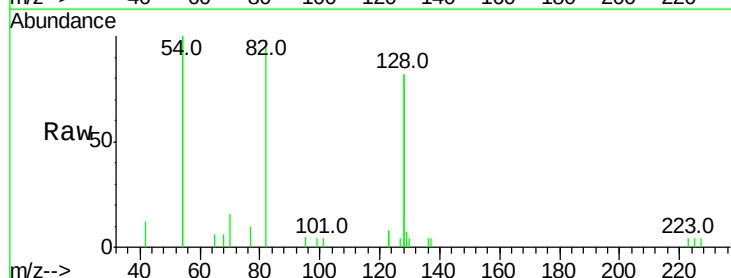
Tgt Ion: 82 Resp: 3412

Ion Ratio Lower Upper

82 100

128 166.9 91.4 137.0#

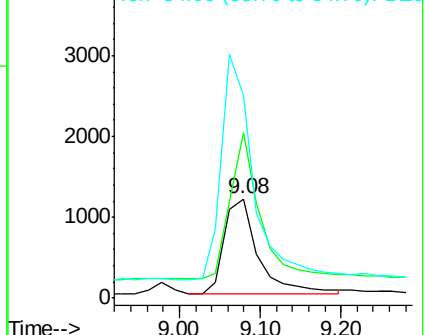
54 204.1 197.8 296.8

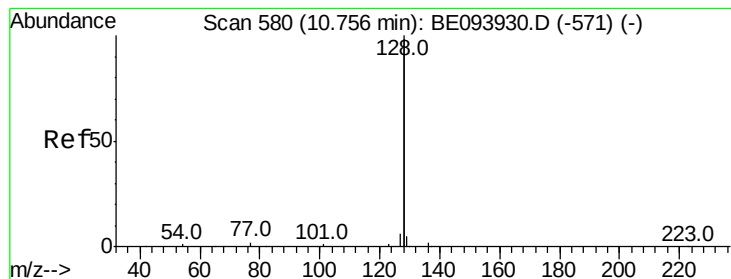


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.403 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

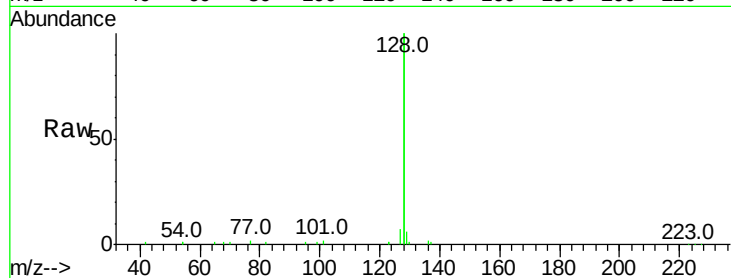
Tot Ion:128 Resp: 47353

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

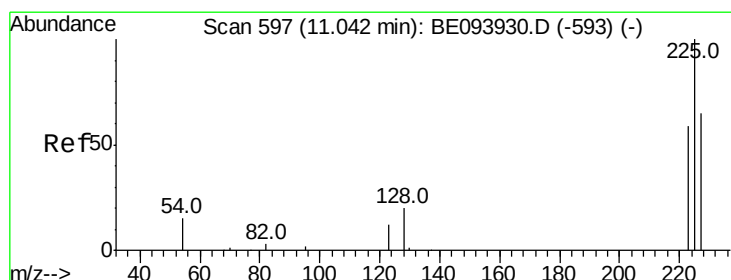
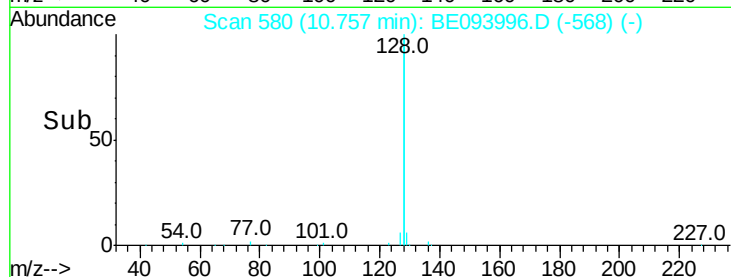
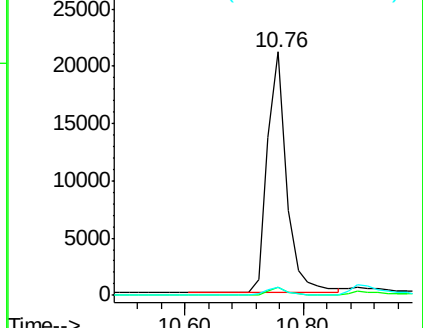
127 3.3 2.6 4.0



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: 0.398 ng

RT: 11.03 min Scan# 596

Delta R.T. -0.02 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

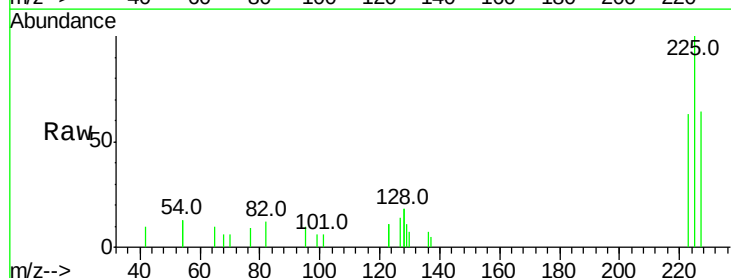
Tgt Ion:225 Resp: 1699

Ion Ratio Lower Upper

225 100

223 59.9 49.4 74.0

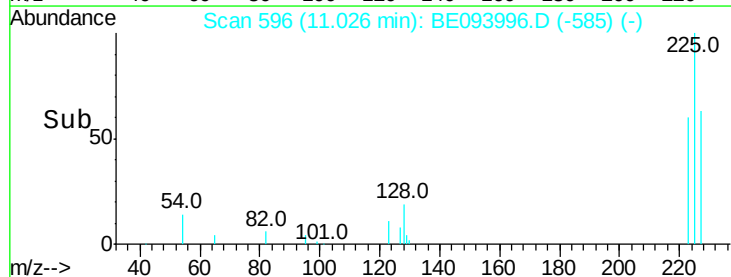
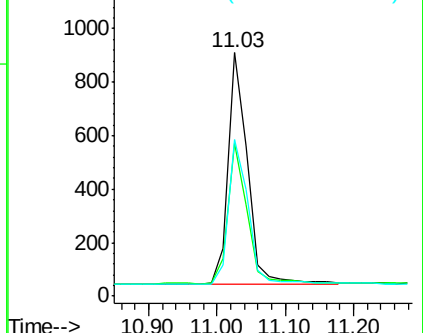
227 65.2 50.5 75.7

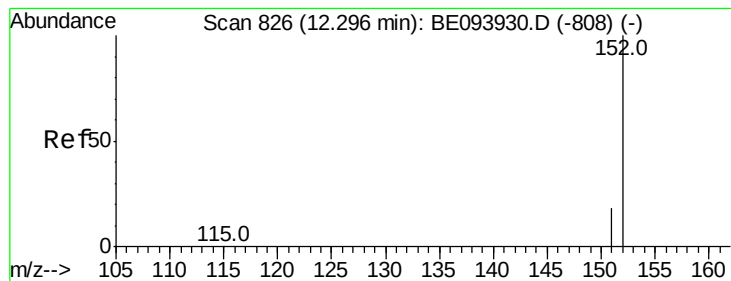


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

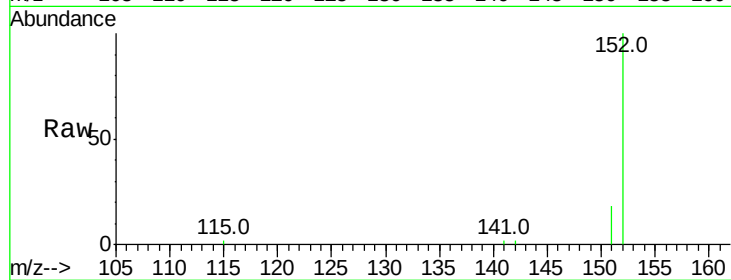
SSTDCCC0.4EC

Tot Ion:152 Resp: 6675

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

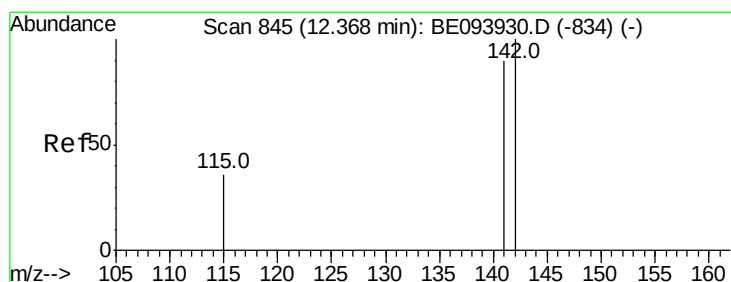
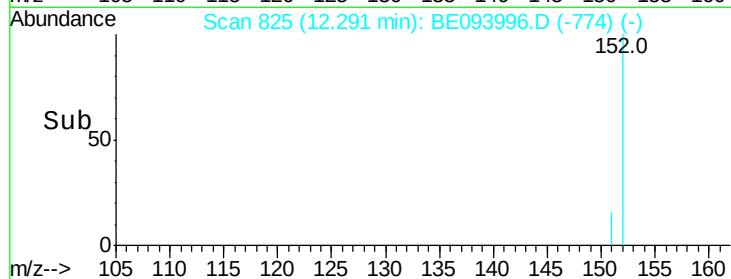
3000

2000

1000

0

Time--> 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 12.36 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

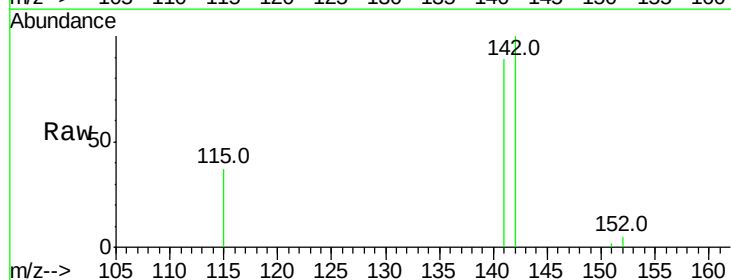
Tgt Ion:142 Resp: 7814

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

115 37.4 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

12.36

5000

4000

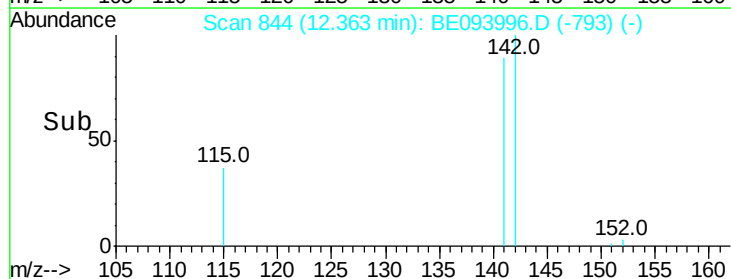
3000

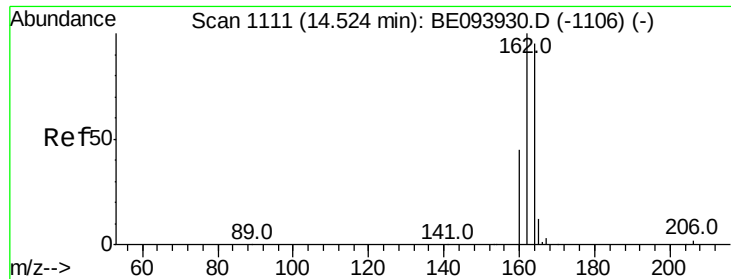
2000

1000

0

Time--> 12.30 12.40 12.50

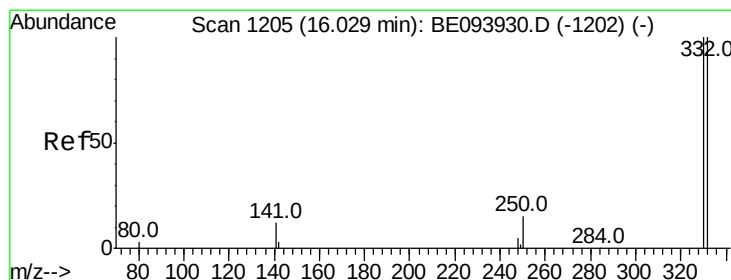
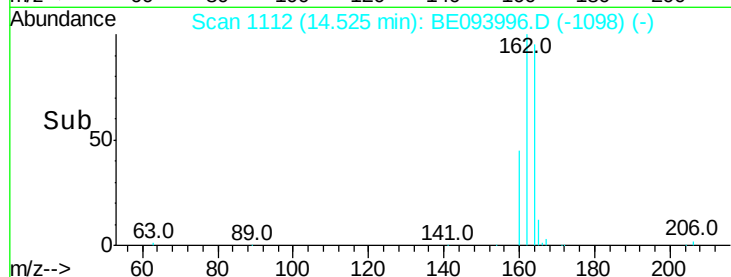
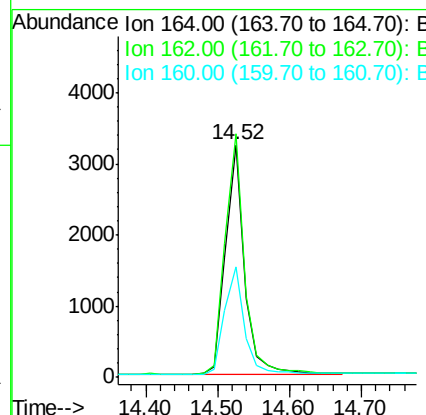
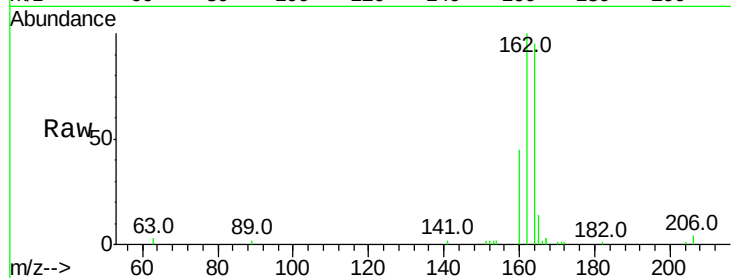




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

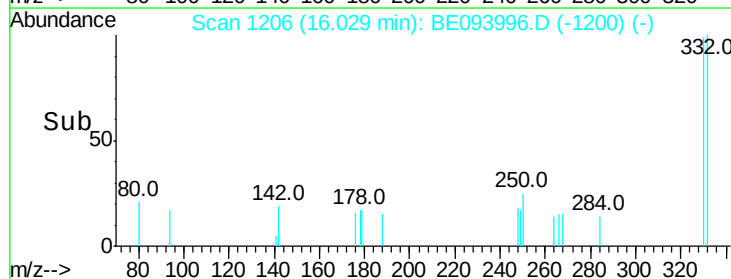
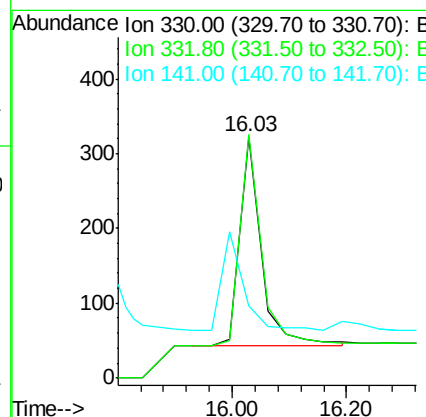
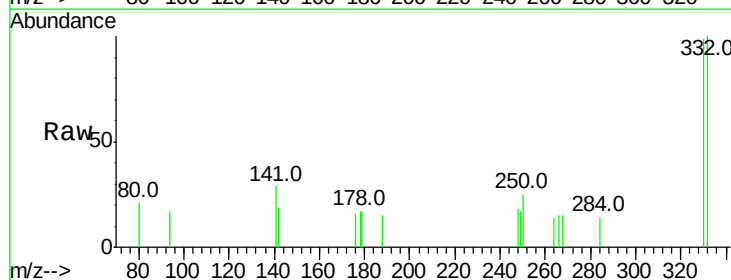
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

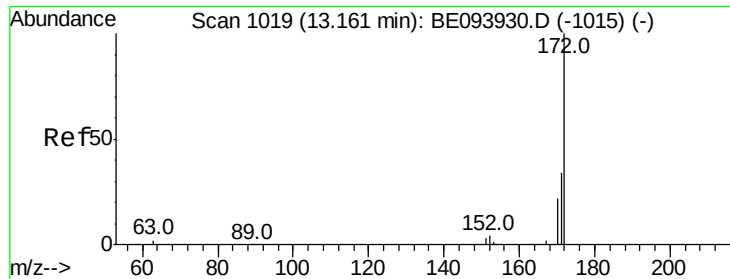
Tot Ion:164 Resp: 5859
Ion Ratio Lower Upper
164 100
162 104.8 80.8 121.2
160 47.5 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

Tgt Ion:330 Resp: 712
Ion Ratio Lower Upper
330 100
332 101.4 76.9 115.3
141 0.0 0.0 0.0

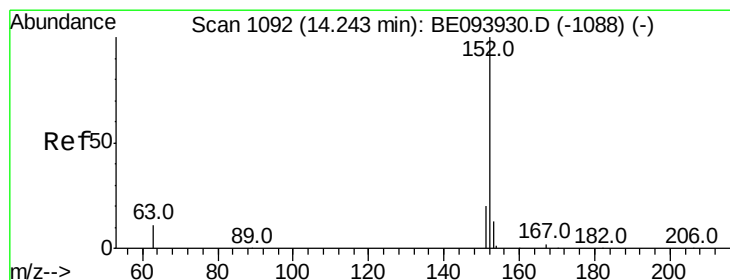
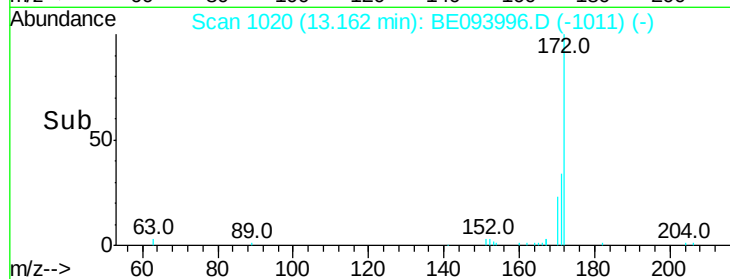
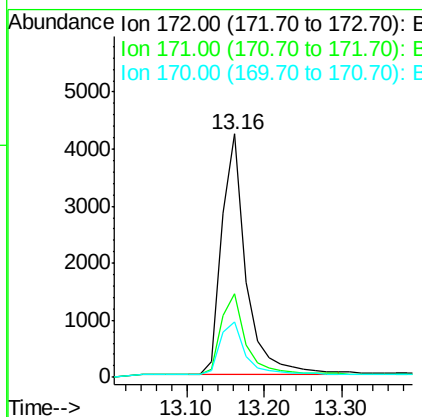
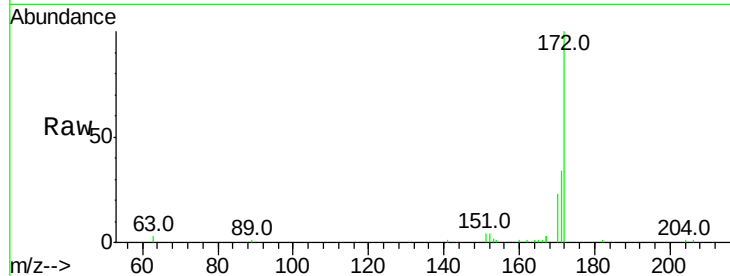




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

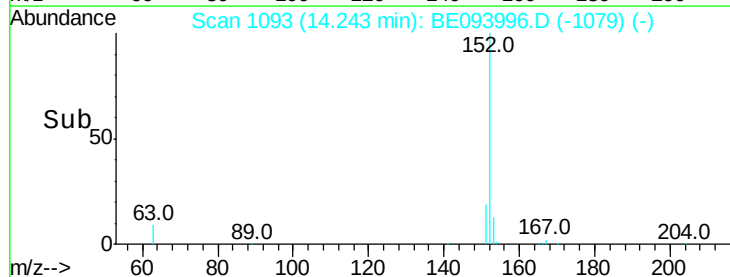
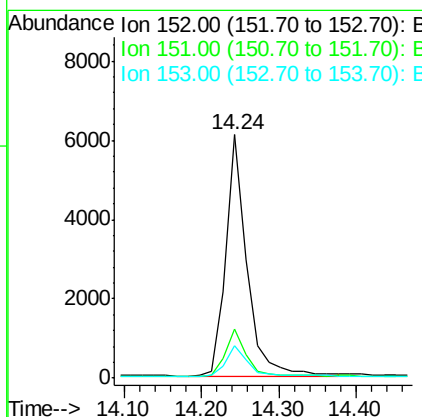
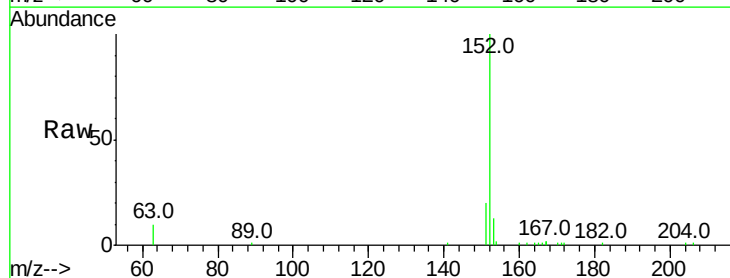
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

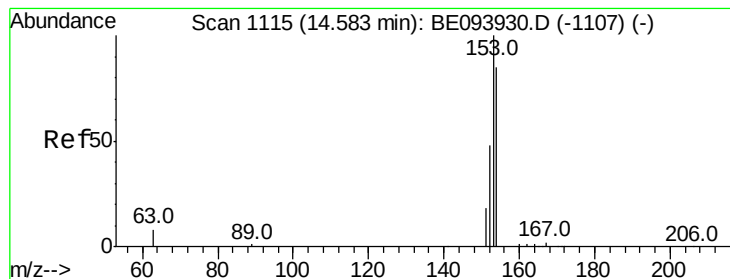
Tot Ion:172 Resp: 9217
Ion Ratio Lower Upper
172 100
171 34.4 26.9 40.3
170 22.7 17.3 25.9



#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

Tgt Ion:152 Resp: 11529
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

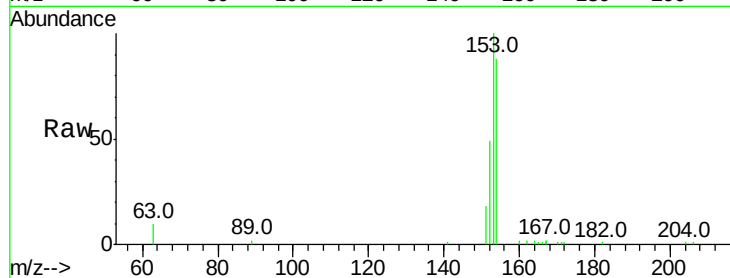
Tot Ion:154 Resp: 7928

Ion Ratio Lower Upper

154 100

153 113.8 91.8 137.6

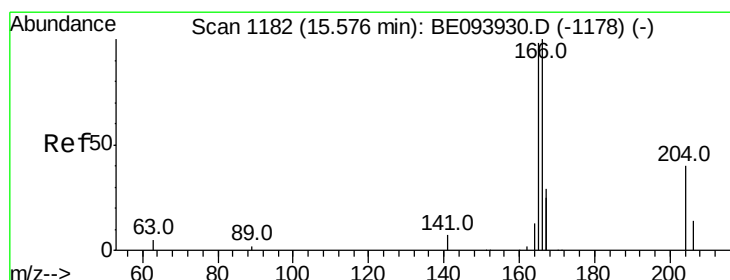
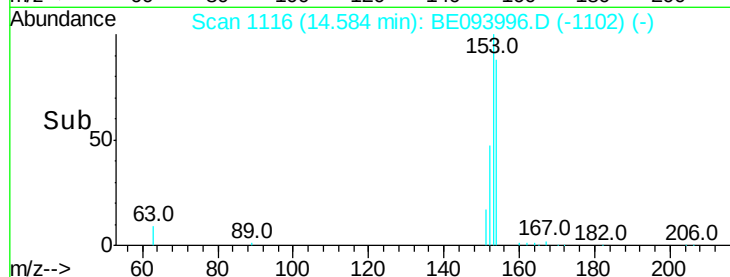
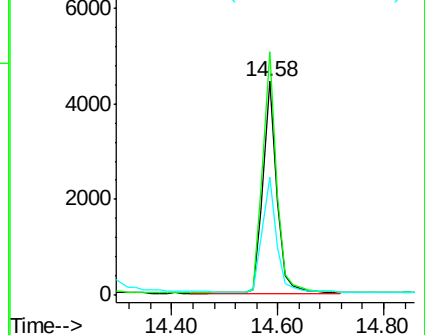
152 55.1 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.401 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

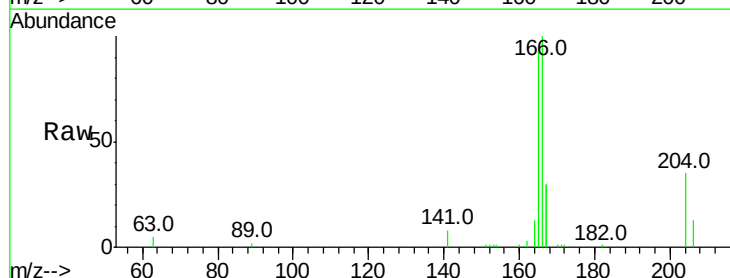
Tgt Ion:166 Resp: 10216

Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.0

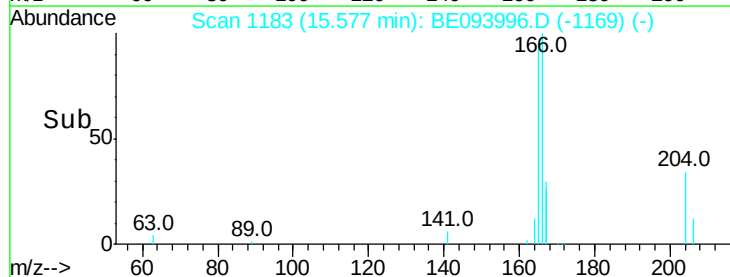
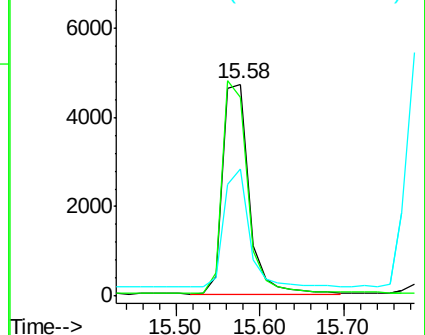
167 54.4 43.5 65.3

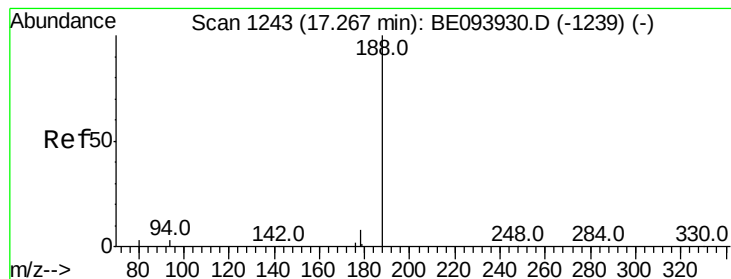


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

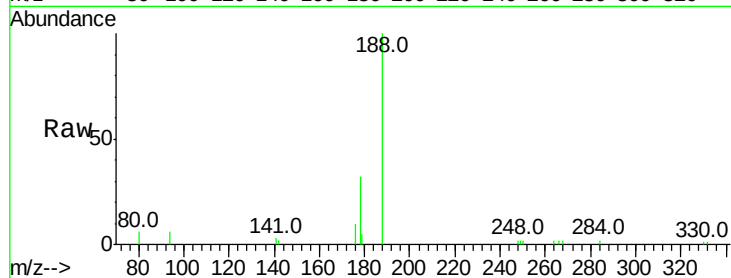
Tot Ion:188 Resp: 10664

Ion Ratio Lower Upper

188 100

94 5.9 16.1 24.1#

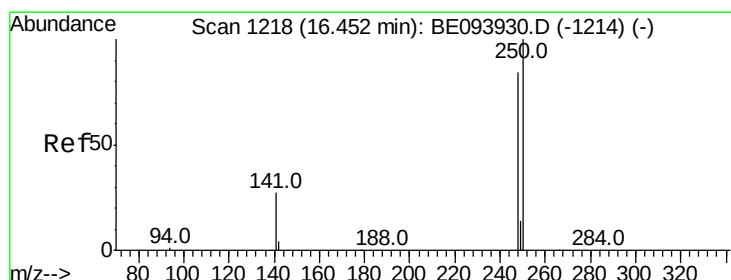
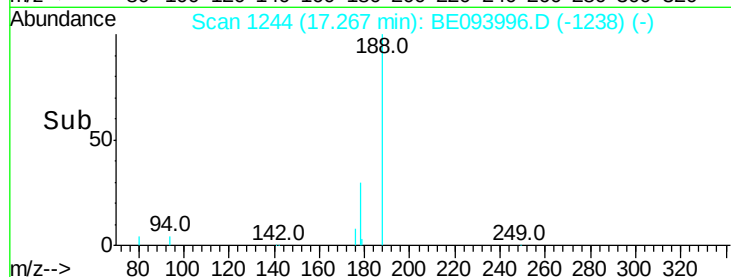
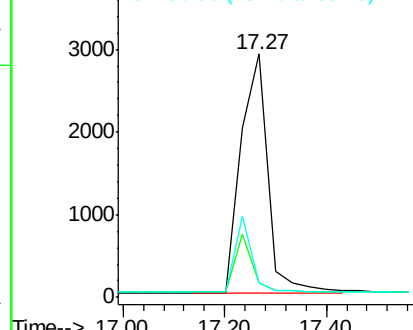
80 5.8 18.2 27.2#



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: 0.408 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

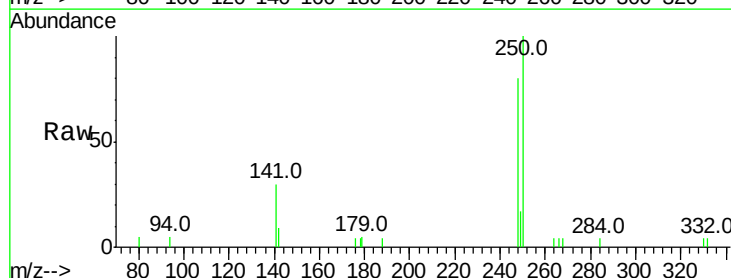
Tgt Ion:248 Resp: 2517

Ion Ratio Lower Upper

248 100

250 125.2 111.8 167.8

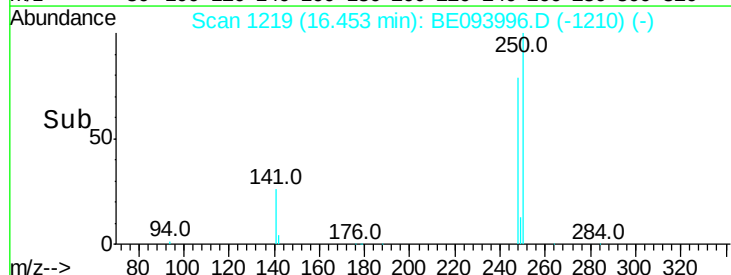
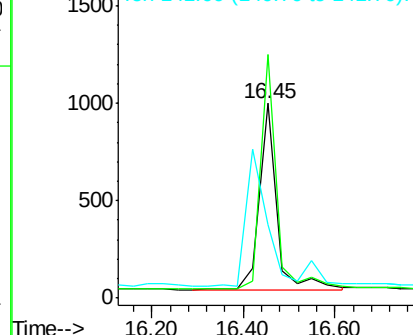
141 37.6 27.1 40.7

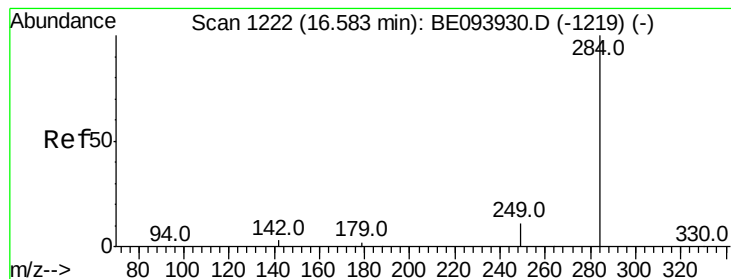


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.329 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

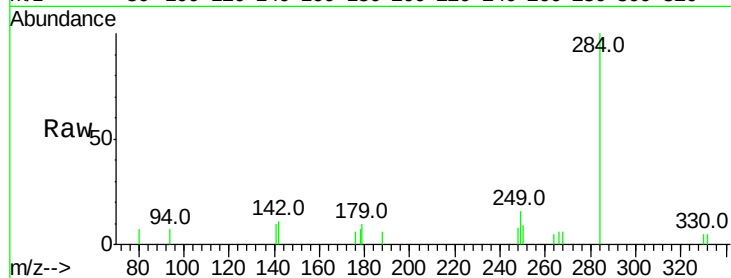
Tot Ion:284 Resp: 2071

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

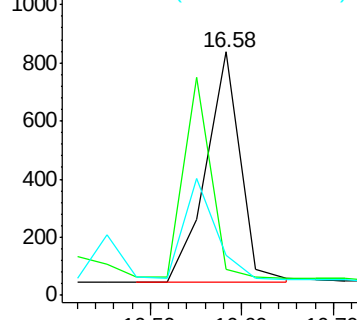
249 0.0 0.0 0.0



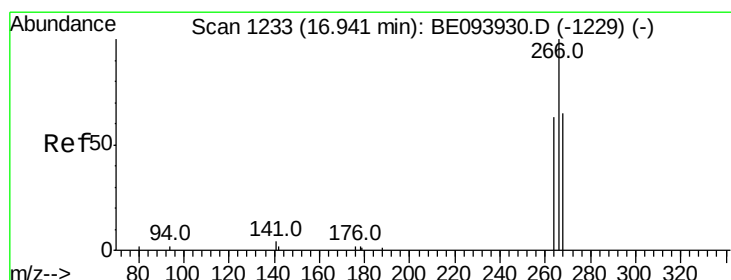
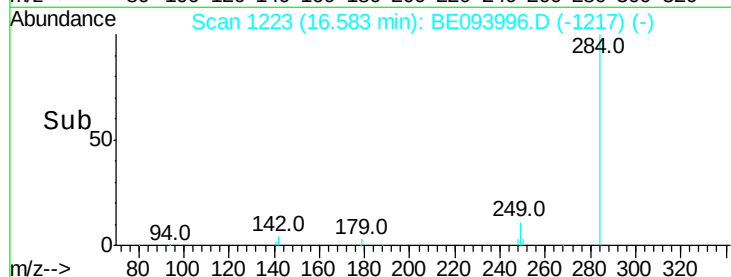
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.442 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

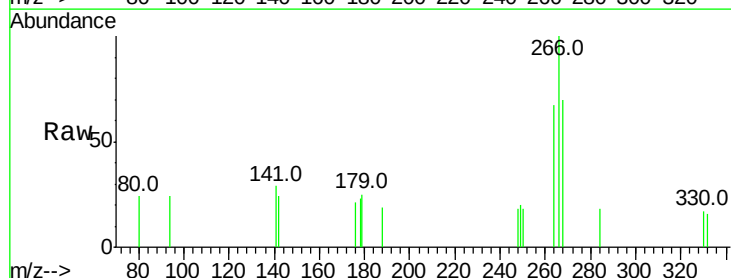
Tgt Ion:266 Resp: 747

Ion Ratio Lower Upper

266 100

264 67.2 53.5 80.3

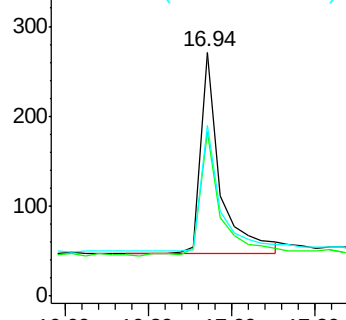
268 70.1 60.0 90.0



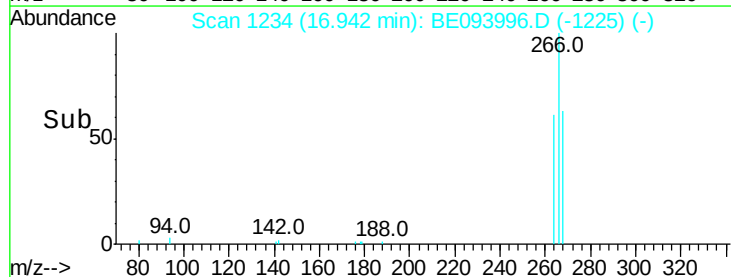
Abundance Ion 266.00 (265.70 to 266.70): E

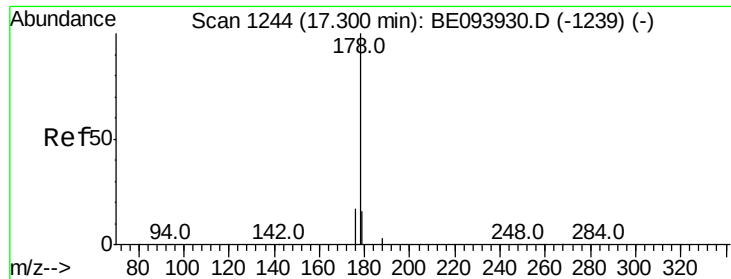
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.556 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

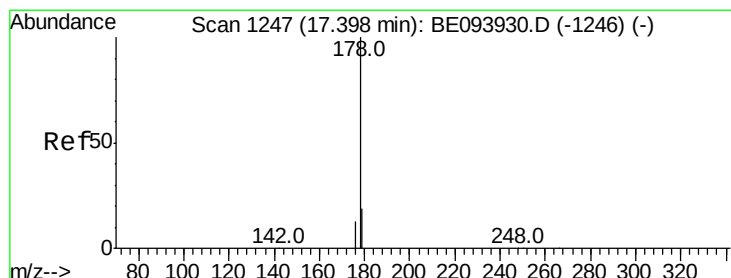
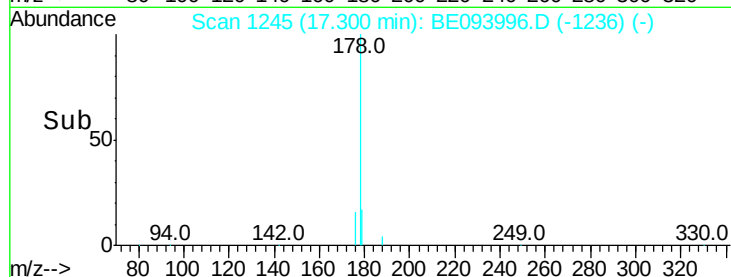
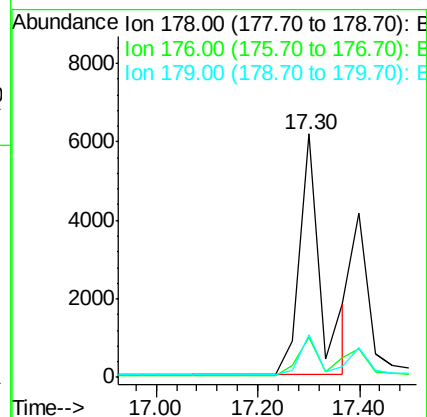
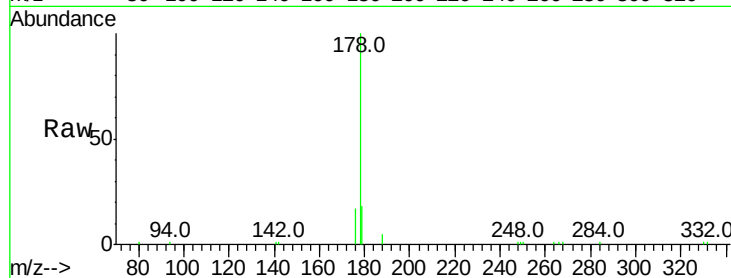
Tot Ion:178 Resp: 18113

Ion Ratio Lower Upper

178 100

176 18.7 0.0 0.0#

179 15.3 12.6 18.8



#24

Anthracene

Concen: 0.557 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

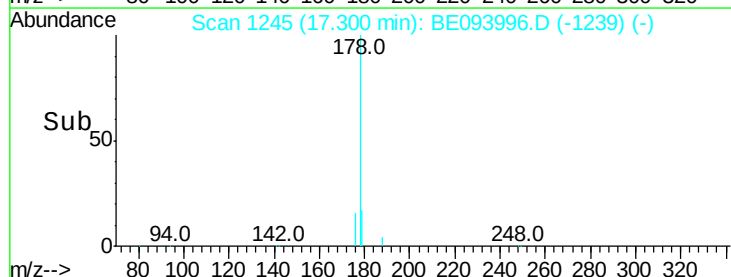
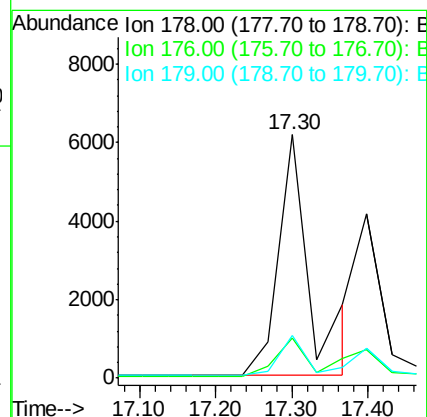
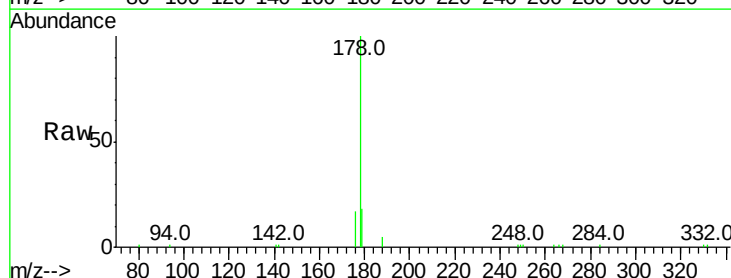
Tgt Ion:178 Resp: 18094

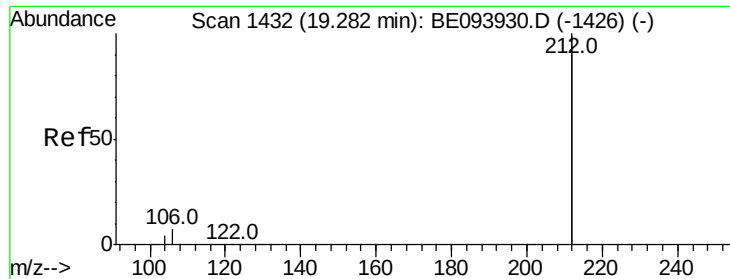
Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

179 15.3 0.0 0.0#





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

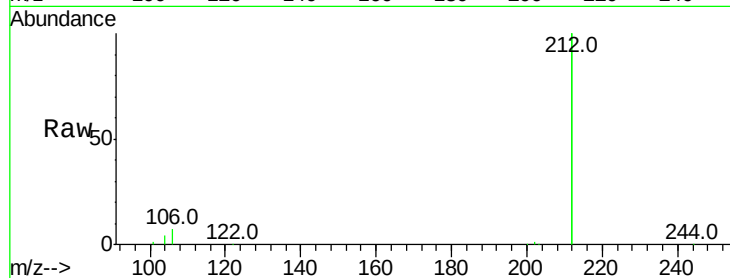
Tot Ion:212 Resp: 63229

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

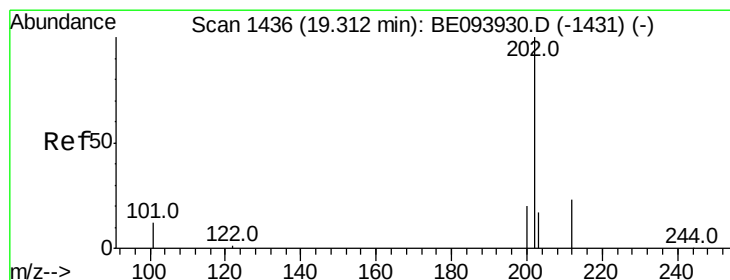
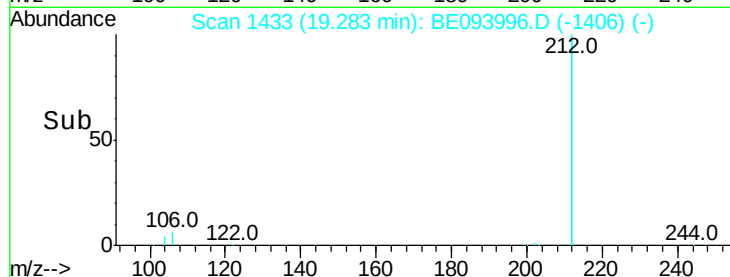
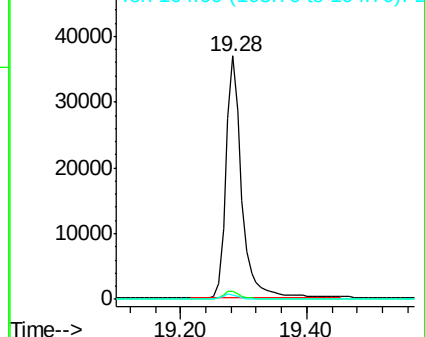
104 2.0 1.6 2.4



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: 0.396 ng

RT: 19.31 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

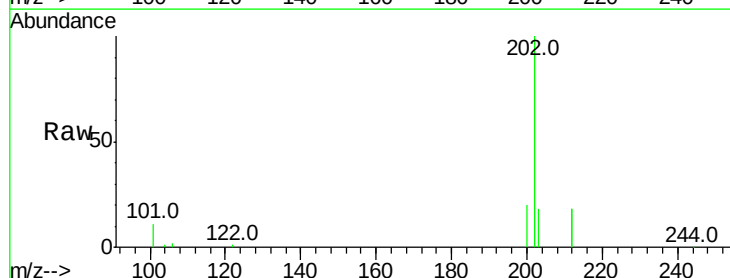
Tgt Ion:202 Resp: 18798

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

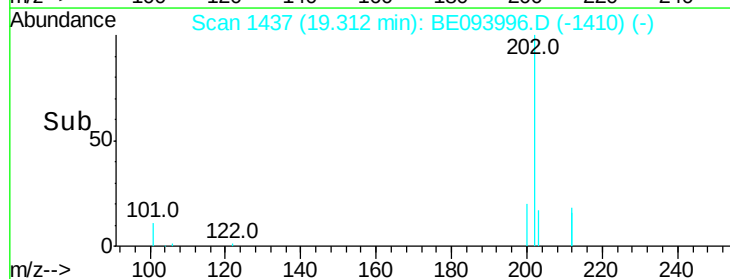
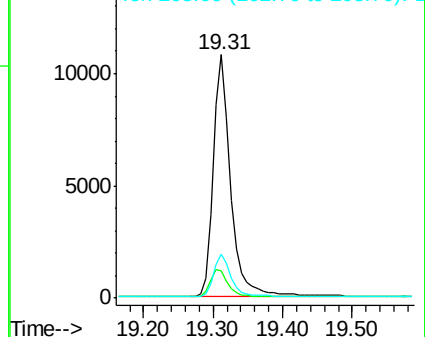
203 17.1 13.7 20.5

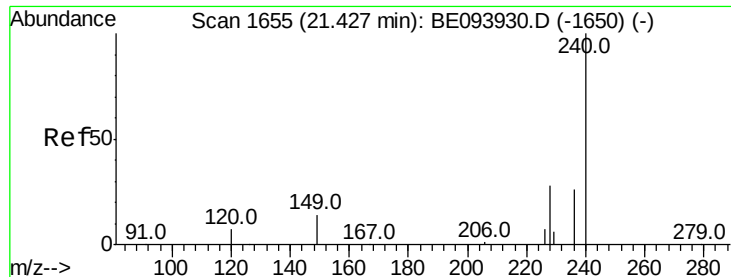


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

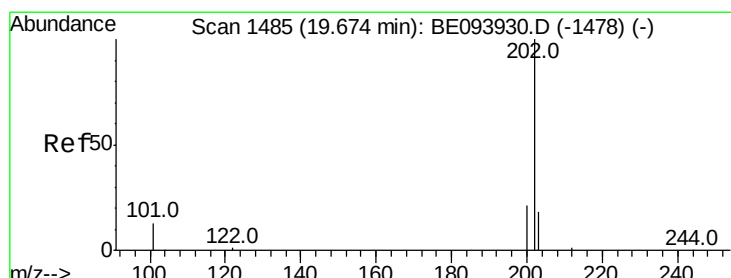
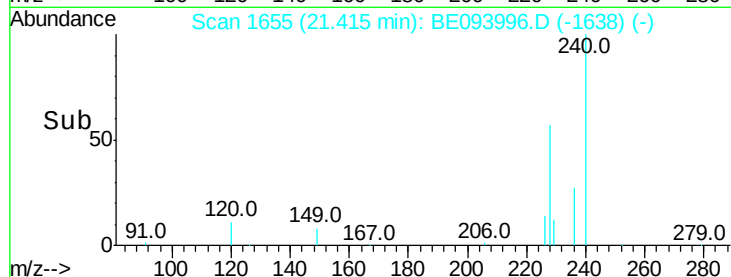
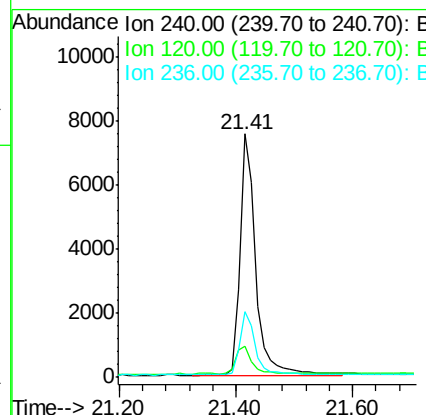
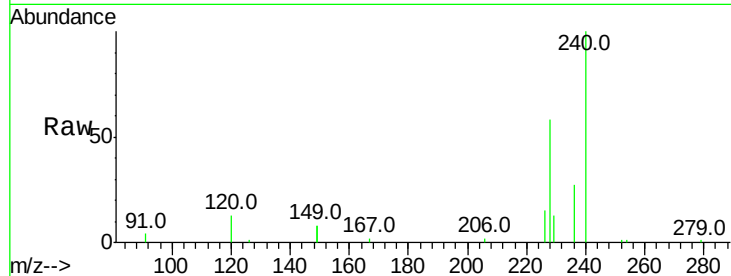




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

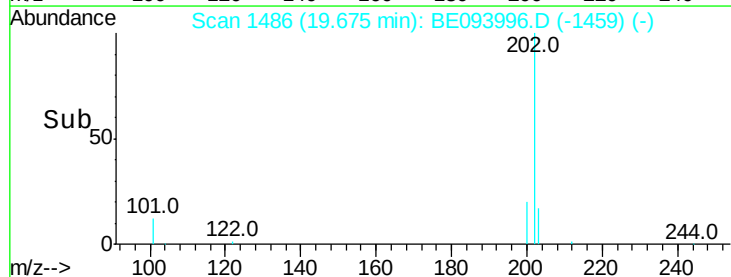
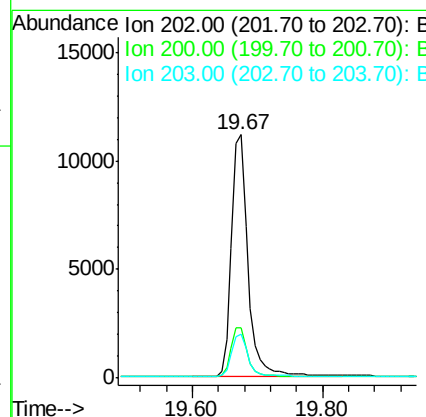
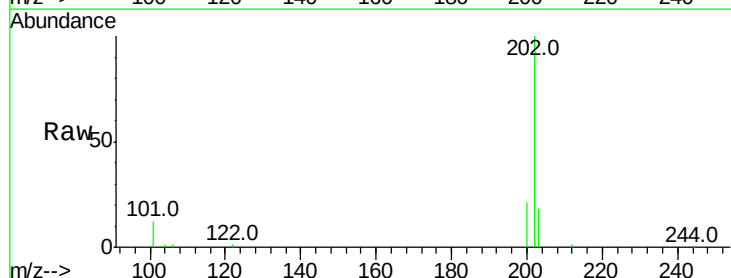
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

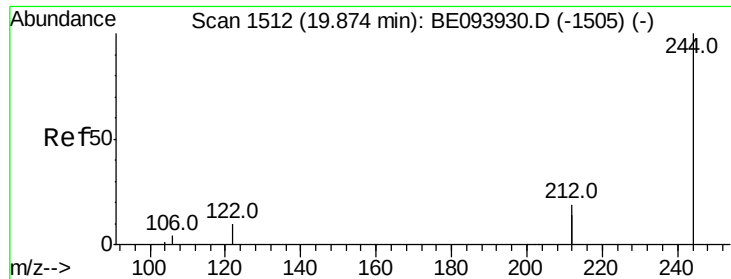
Tot Ion:240 Resp: 14270
Ion Ratio Lower Upper
240 100
120 12.6 8.7 13.1
236 27.2 21.3 31.9



#28
Pyrene
Concen: 0.400 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

Tgt Ion:202 Resp: 19635
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

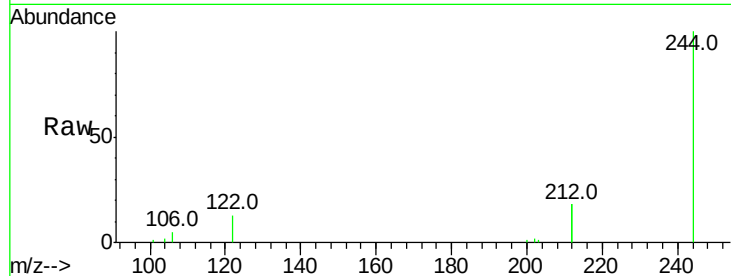
Tot Ion:244 Resp: 10411

Ion Ratio Lower Upper

244 100

212 35.5 28.3 42.5

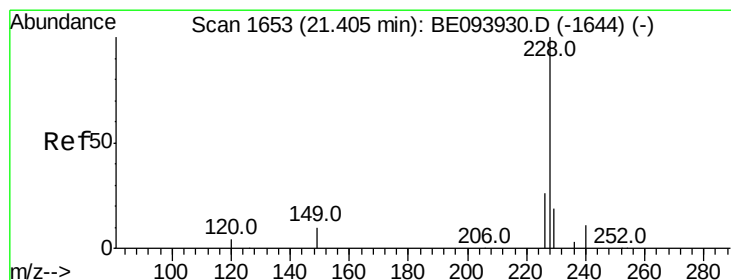
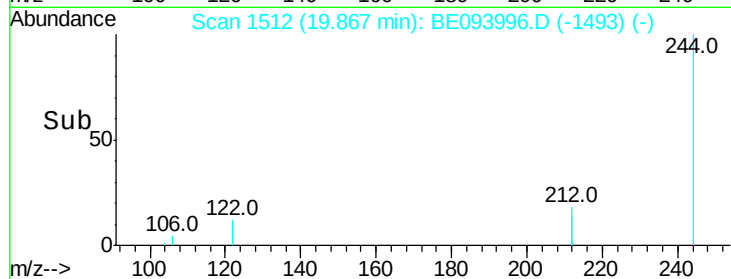
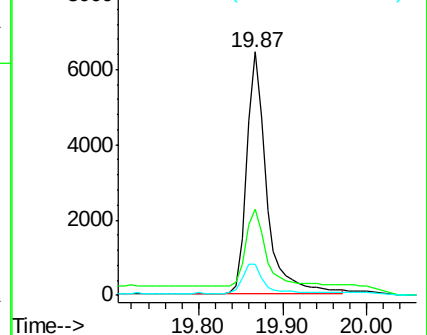
122 12.6 9.4 14.0



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: 0.368 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

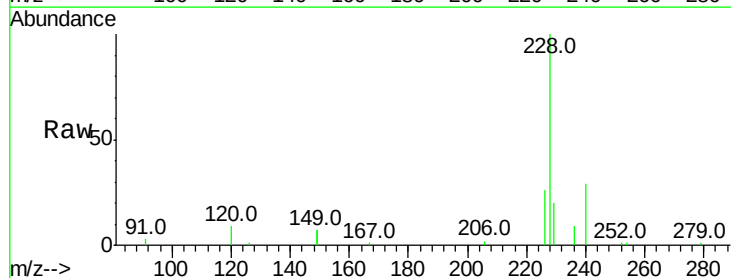
Tgt Ion:228 Resp: 16137

Ion Ratio Lower Upper

228 100

226 26.5 20.8 31.2

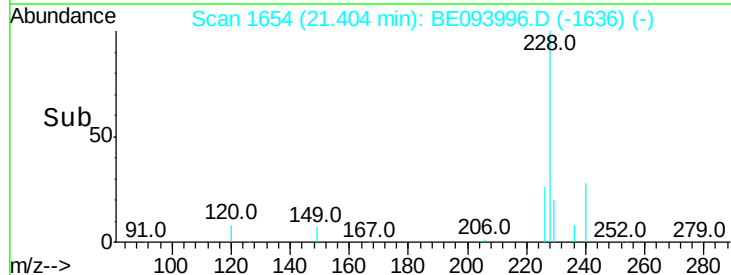
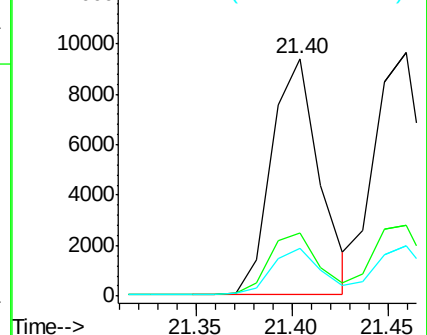
229 20.3 16.6 25.0

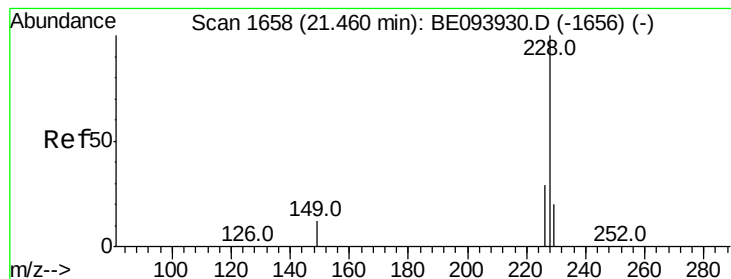


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

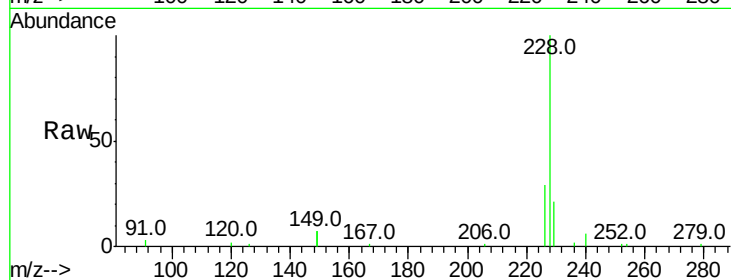
Tot Ion:228 Resp: 18945

Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

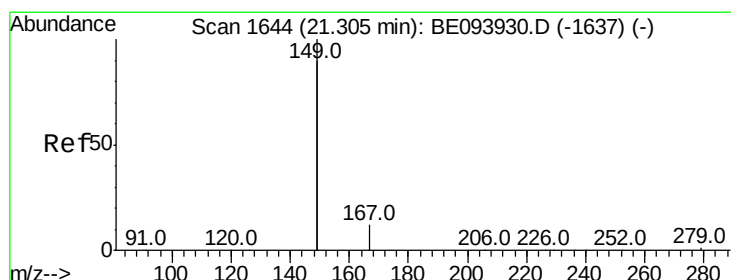
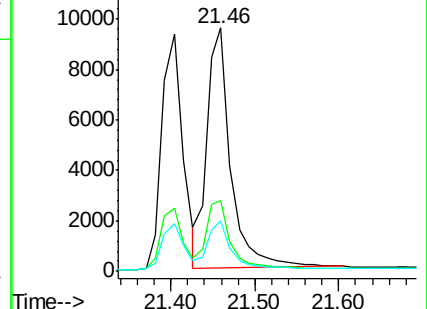
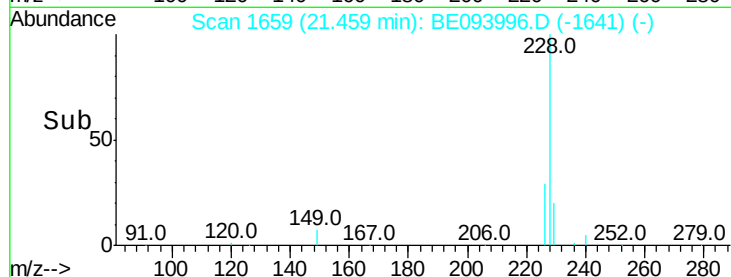
229 20.8 15.8 23.8



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: 0.347 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

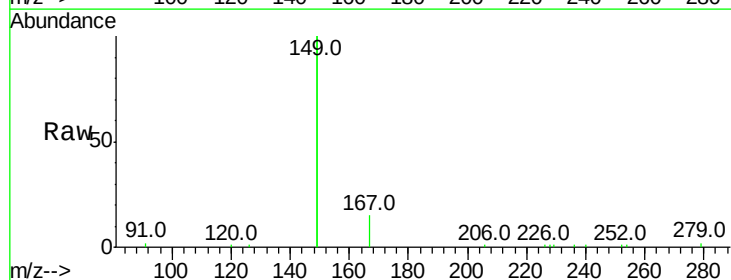
Tgt Ion:149 Resp: 36930

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

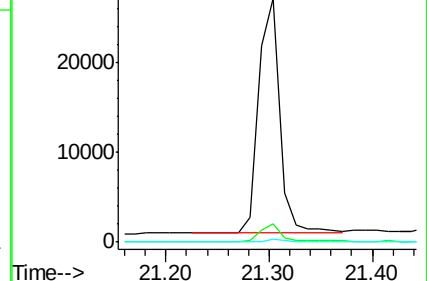
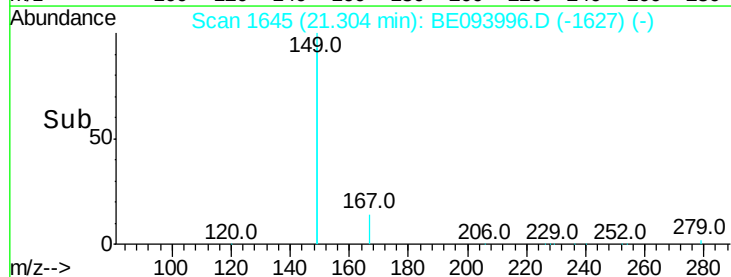
279 0.9 0.7 1.1

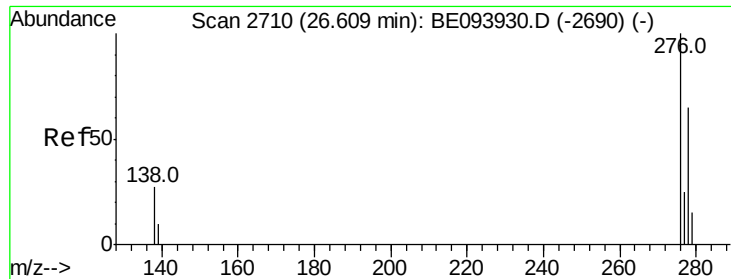


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

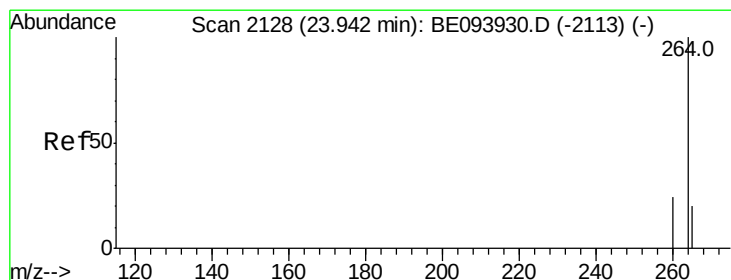
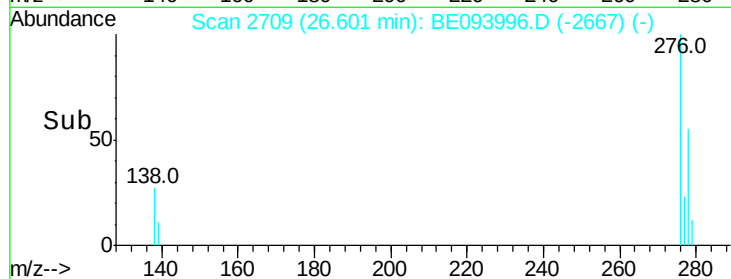
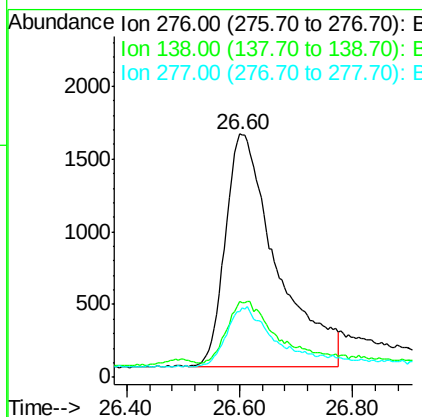
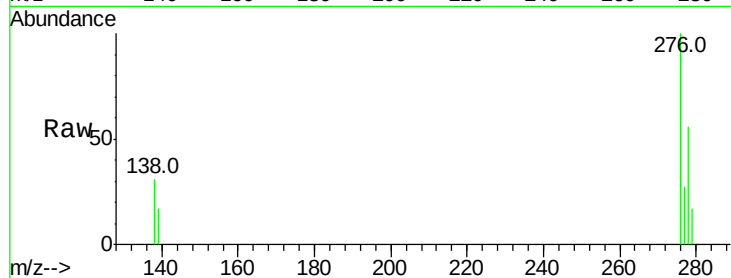




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.321 ng
 RT: 26.60 min Scan# 2709
 Delta R.T. -0.01 min
 Lab File: BE093996.D
 Acq: 13 Sep 2017 19:24

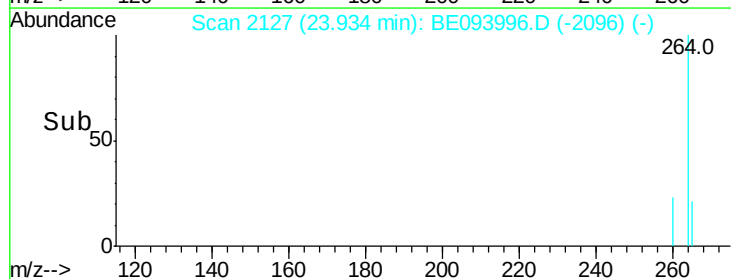
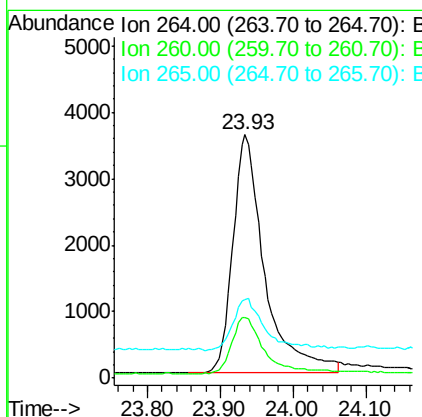
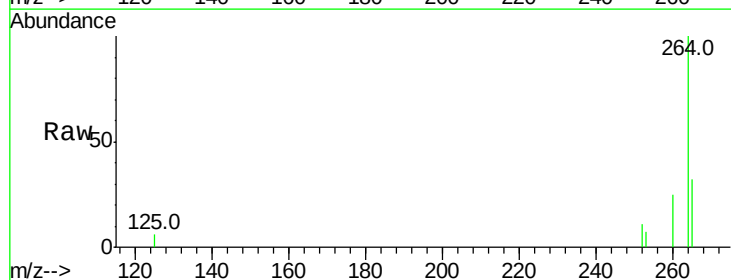
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

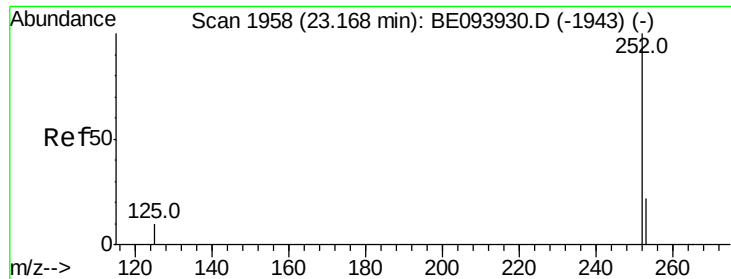
Tot Ion:276 Resp: 9919
 Ion Ratio Lower Upper
 276 100
 138 25.4 22.2 33.2
 277 23.3 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093996.D
 Acq: 13 Sep 2017 19:24

Tgt Ion:264 Resp: 10866
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 32.2 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.395 ng

RT: 23.16 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

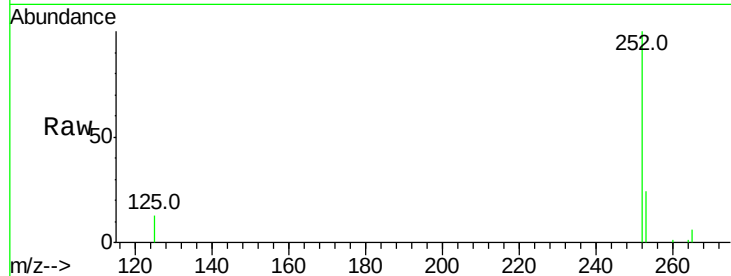
Tot Ion:252 Resp: 13672

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.0

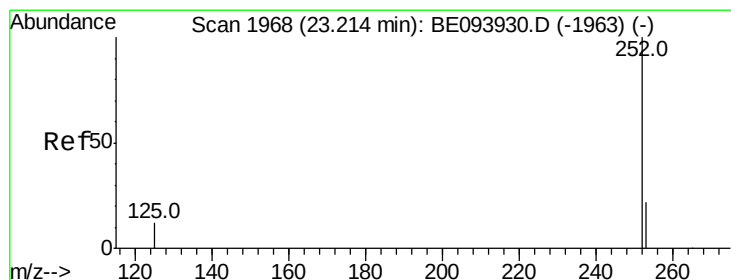
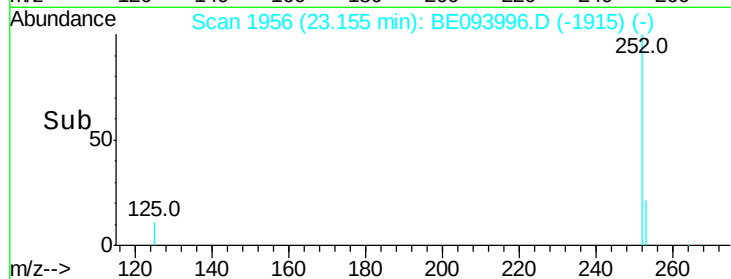
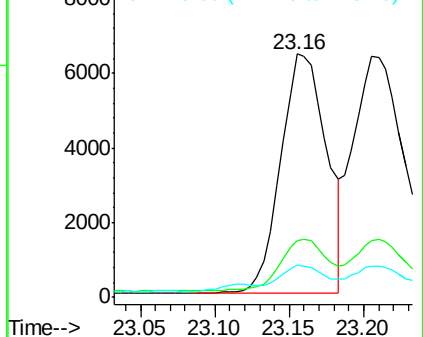
125 13.2 10.0 15.0



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: 0.432 ng

RT: 23.21 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

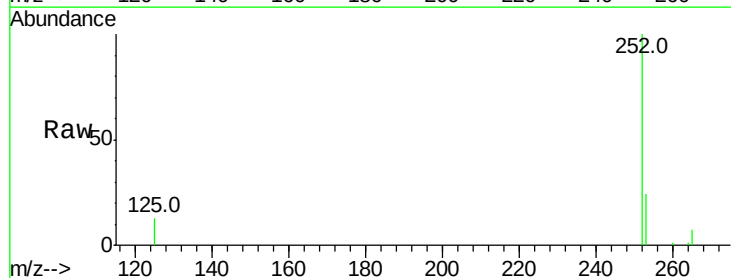
Tgt Ion:252 Resp: 18322

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

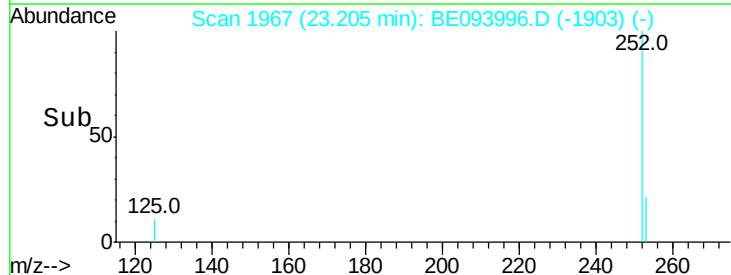
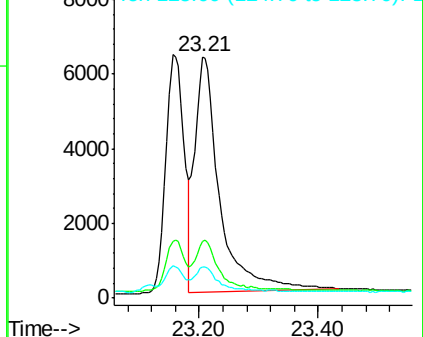
125 13.0 9.8 14.6

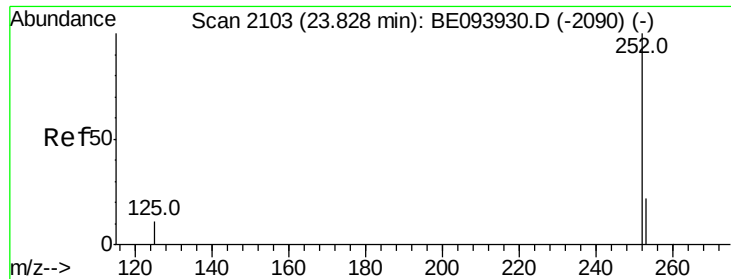


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

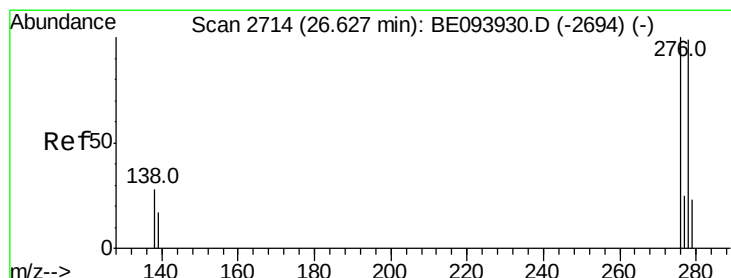
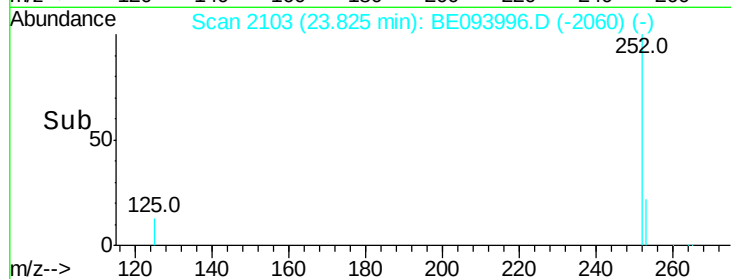
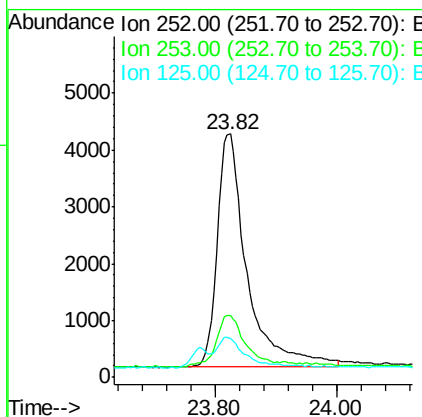
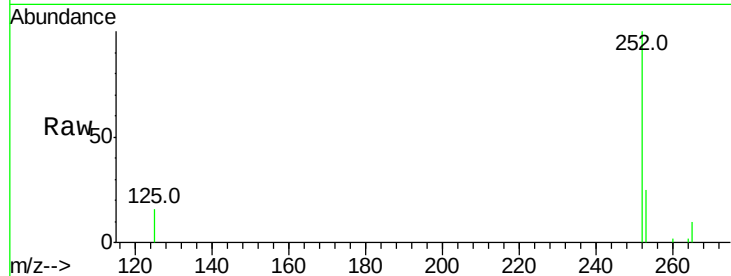




#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

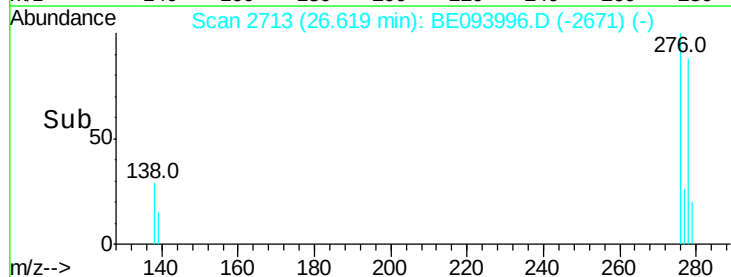
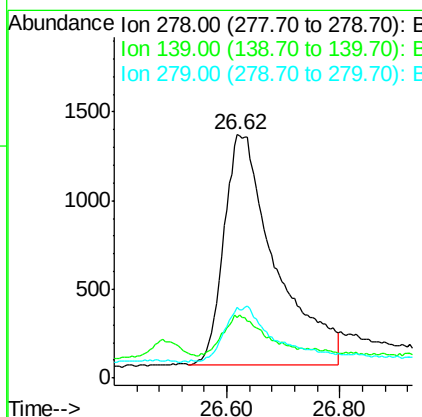
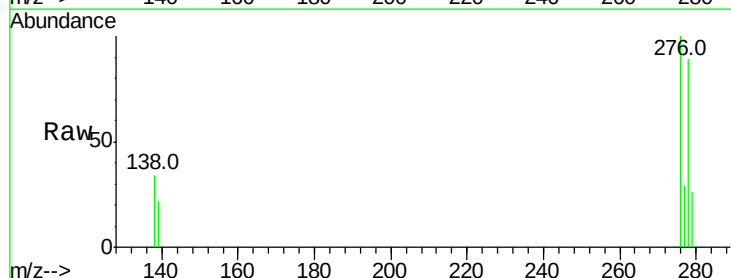
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

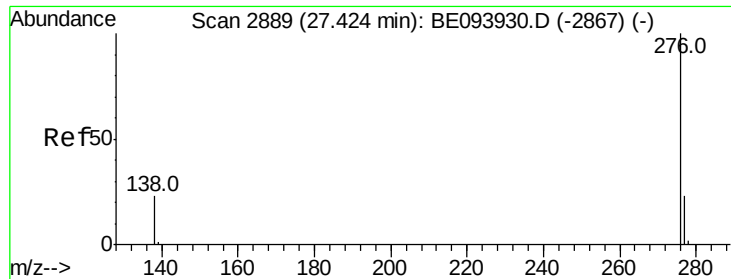
Tot Ion:252 Resp: 14106
Ion Ratio Lower Upper
252 100
253 25.3 19.6 29.4
125 16.1 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 26.62 min Scan# 2713
Delta R.T. -0.01 min
Lab File: BE093996.D
Acq: 13 Sep 2017 19:24

Tgt Ion:278 Resp: 8130
Ion Ratio Lower Upper
278 100
139 25.0 16.7 25.1
279 28.9 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.361 ng

RT: 27.43 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BE093996.D

Acq: 13 Sep 2017 19:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

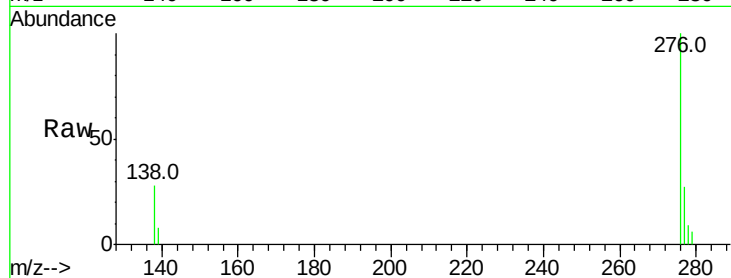
Tot Ion:276 Resp: 8898

Ion Ratio Lower Upper

276 100

277 26.7 20.6 30.8

138 28.4 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

