

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
 Data File : BE093932.D
 Acq On : 5 Sep 2017 11:58
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

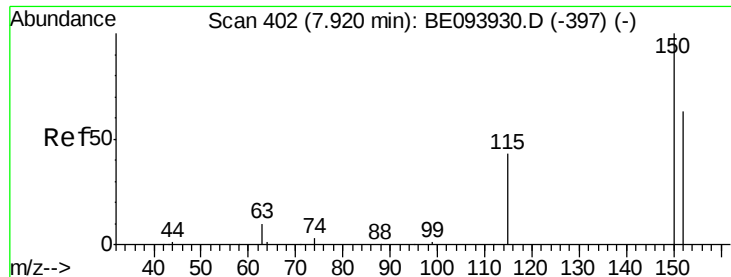
Quant Time: Sep 05 13:19:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 12:08:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1885	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10067	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5842	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9857	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	14156	0.40	ng	-0.01
34) Perylene-d12	23.94	264	11464	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	9930	1.71	ng	0.00
5) Phenol-d6	7.11	99	15189	1.71	ng	0.00
8) Nitrobenzene-d5	9.06	82	14193	1.69	ng	-0.02
11) 2-Methylnaphthalene-d10	12.29	152	26574	1.67	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	2496	1.59	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	36548	1.57	ng	-0.01
25) Fluoranthene-d10	19.28	212	249317	2.19	ng	0.00
29) Terphenyl-d14	19.87	244	41342	1.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	3944	1.523	ng	94
3) n-Nitrosodimethylamine	3.74	42	5294	1.836	ng	# 97
6) bis(2-Chloroethyl)ether	7.34	93	12070	1.766	ng	93
9) Naphthalene	10.76	128	184519	1.610	ng	99
10) Hexachlorobutadiene	11.04	225	6590	1.628	ng	100
12) 2-Methylnaphthalene	12.36	142	31568	1.648	ng	100
16) Acenaphthylene	14.24	152	48571	1.680	ng	99
17) Acenaphthene	14.58	154	31430	1.612	ng	98
18) Fluorene	15.56	166	40160	1.592	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	6632	1.625	ng	# 75
21) Hexachlorobenzene	16.58	284	8492	2.388	ng	# 100
22) Pentachlorophenol	16.94	266	2279	1.475	ng	93
23) Phenanthrene	17.30	178	40668	1.623	ng	# 98
24) Anthracene	17.37	178	50090	1.676	ng	# 99
26) Fluoranthene	19.31	202	74587	2.173	ng	100
28) Pyrene	19.67	202	76619	1.609	ng	100
30) Benzo(a)anthracene	21.40	228	68767	1.636	ng	99
31) Chrysene	21.46	228	73625	1.576	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	153524	1.732	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	49225	1.544	ng	99
35) Benzo(b)fluoranthene	23.16	252	61182	1.672	ng	97
36) Benzo(k)fluoranthene	23.21	252	71937	1.720	ng	99
37) Benzo(a)pyrene	23.82	252	60145	1.656	ng	96
38) Dibenzo(a,h)anthracene	26.62	278	41837	1.632	ng	96
39) Benzo(g,h,i)perylene	27.42	276	42274	1.513	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: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

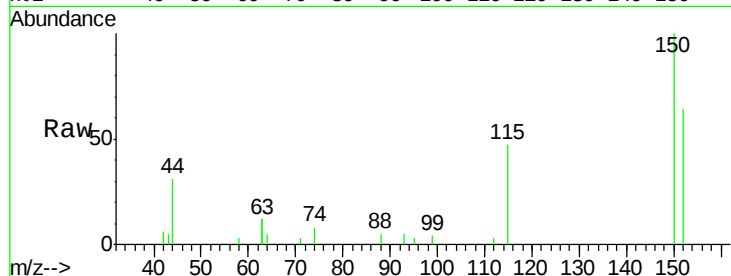
Tgt Ion:152 Resp: 1885

Ion Ratio Lower Upper

152 100

150 156.3 121.8 182.6

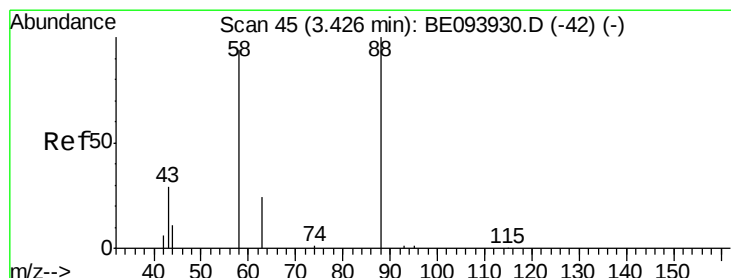
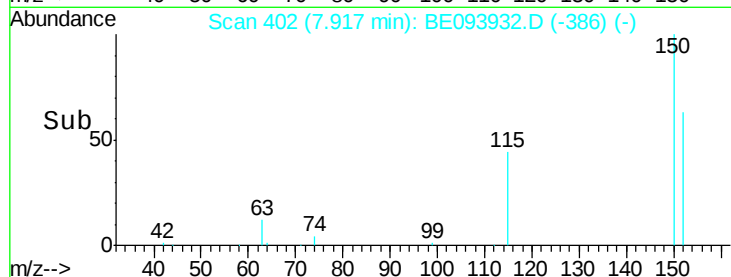
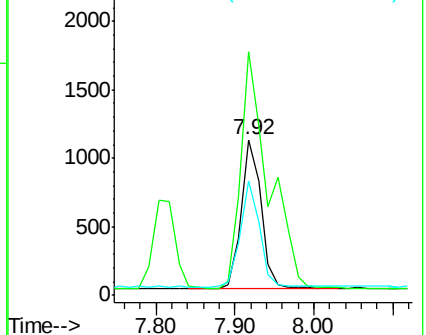
115 73.3 52.6 79.0



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: 1.523 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

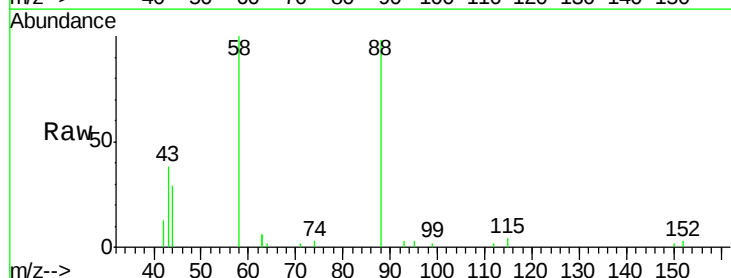
Tgt Ion: 88 Resp: 3944

Ion Ratio Lower Upper

88 100

58 88.1 65.4 98.0

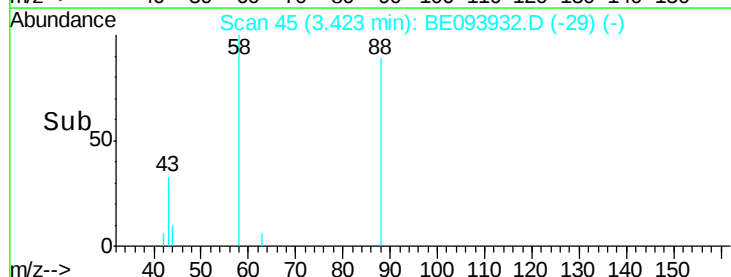
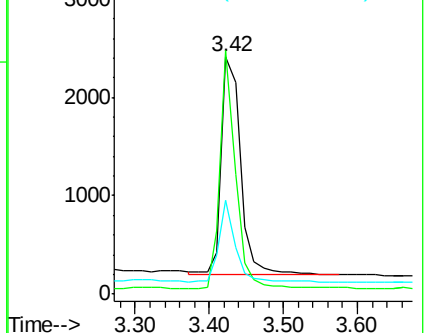
43 32.1 23.9 35.9

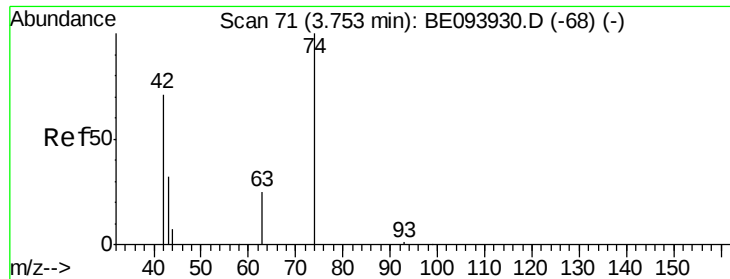


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.836 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

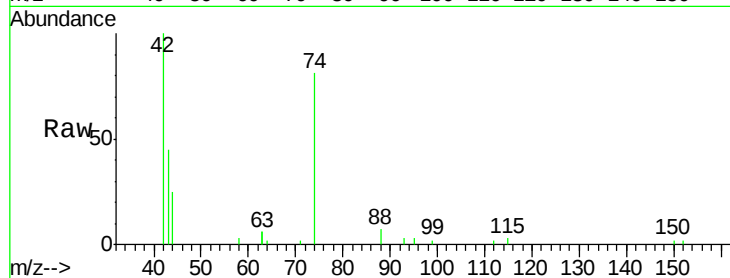
Tgt Ion: 42 Resp: 5294

Ion Ratio Lower Upper

42 100

74 128.6 104.0 156.0

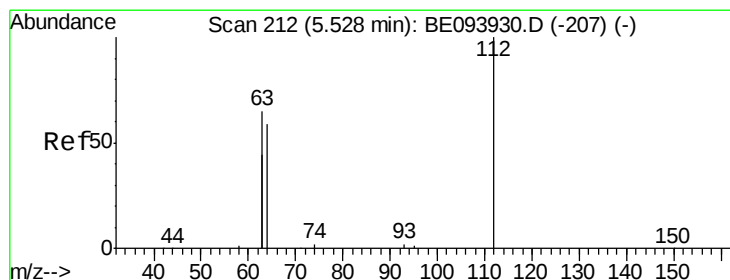
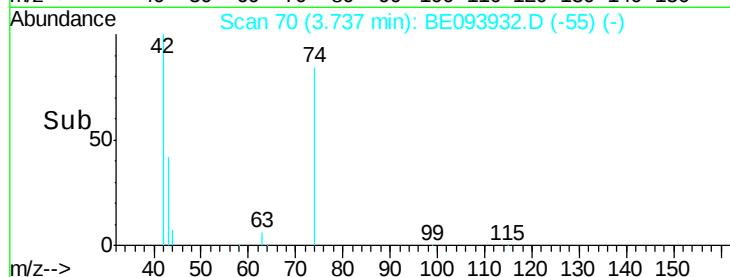
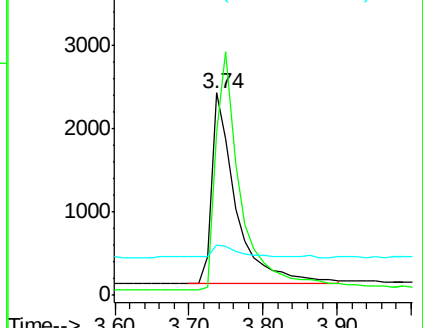
44 8.9 13.8 20.8#



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: 1.711 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

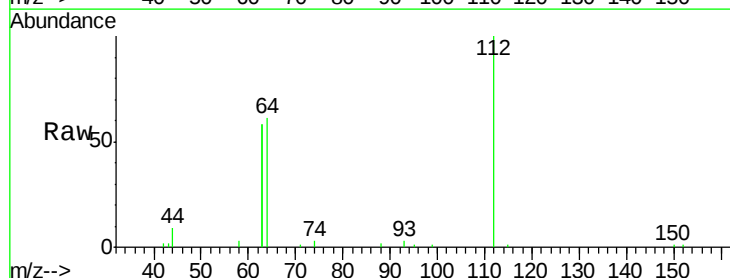
Tgt Ion: 112 Resp: 9930

Ion Ratio Lower Upper

112 100

64 72.3 57.7 86.5

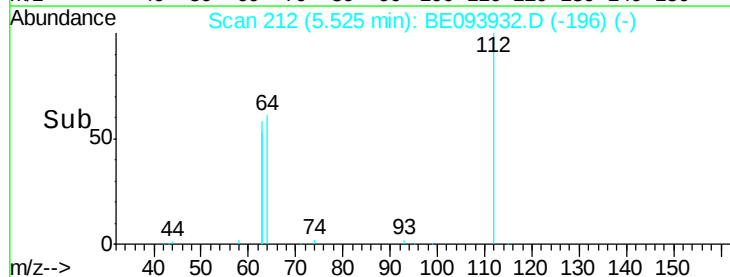
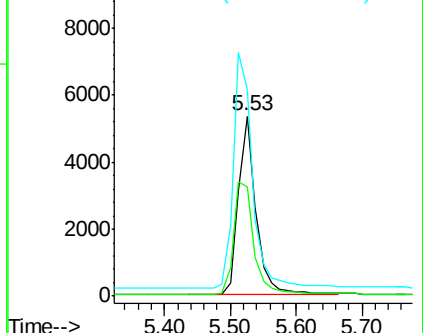
63 143.0 116.0 174.0

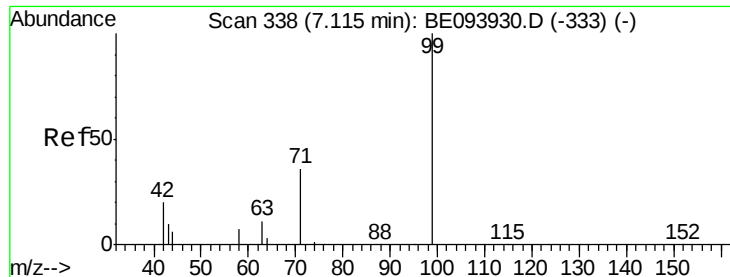


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.713 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

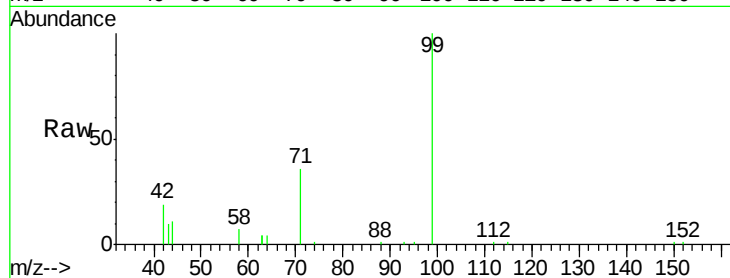
Tgt Ion: 99 Resp: 15189

Ion Ratio Lower Upper

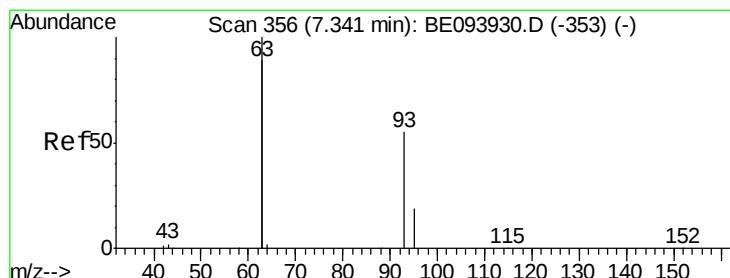
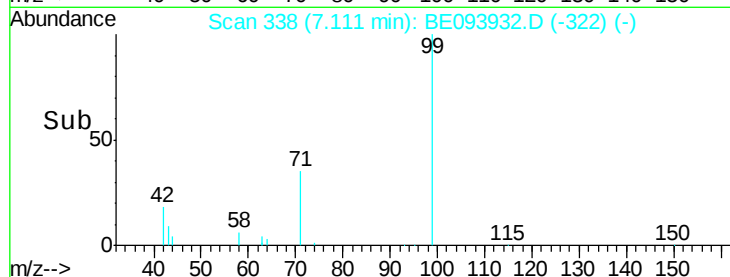
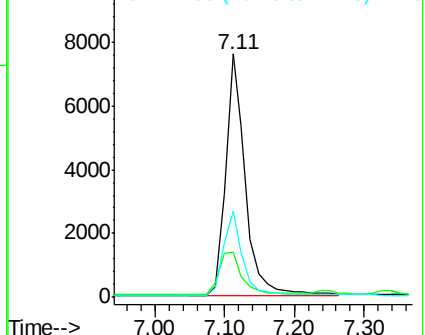
99 100

42 20.7 17.1 25.7

71 34.5 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: 1.766 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

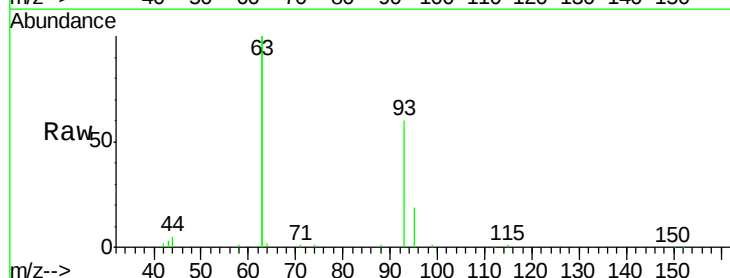
Tgt Ion: 93 Resp: 12070

Ion Ratio Lower Upper

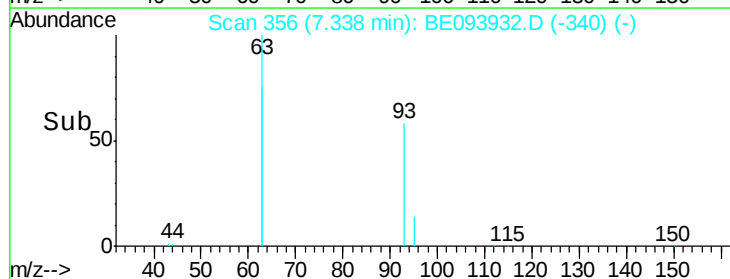
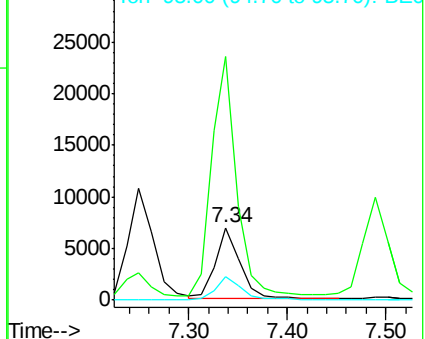
93 100

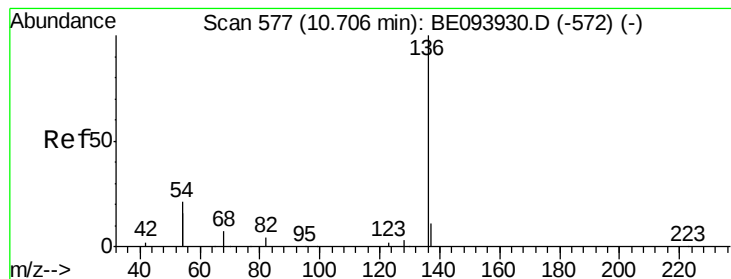
63 338.8 283.4 425.2

95 31.2 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: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 10067

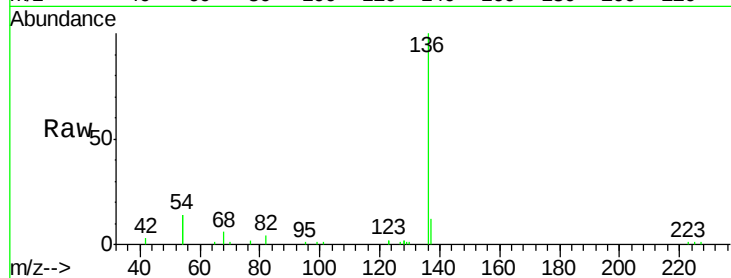
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 28.8 21.9 32.9

68 6.1 4.6 7.0

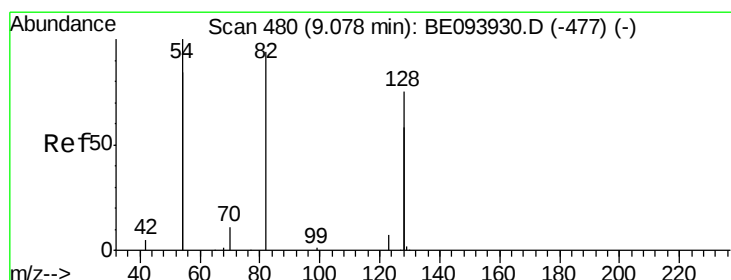
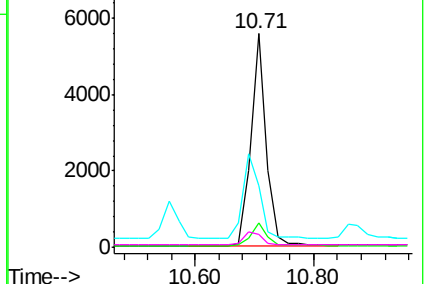
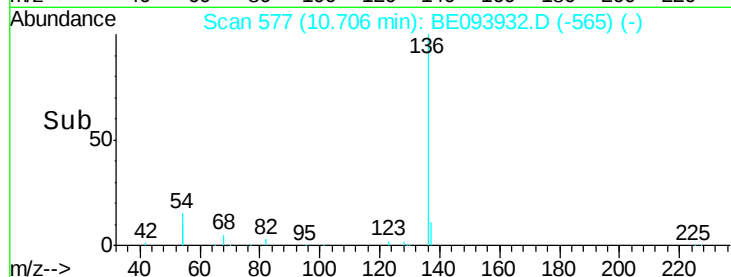


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.693 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

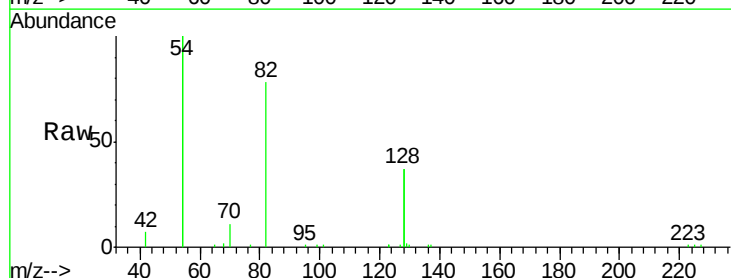
Tgt Ion: 82 Resp: 14193

Ion Ratio Lower Upper

82 100

128 94.8 91.4 137.0

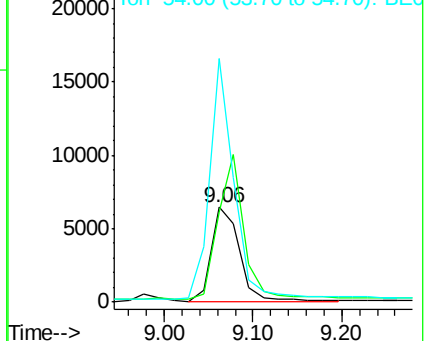
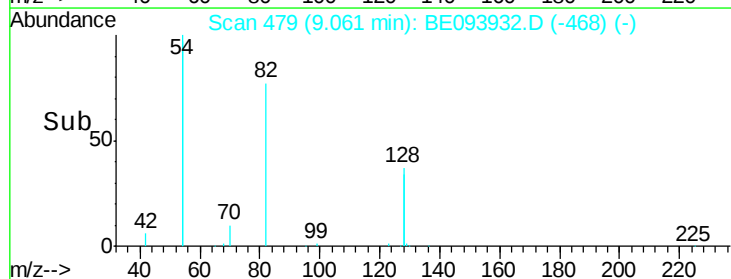
54 256.8 197.8 296.8

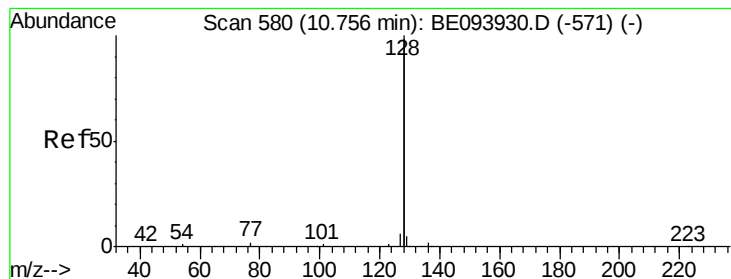


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.610 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

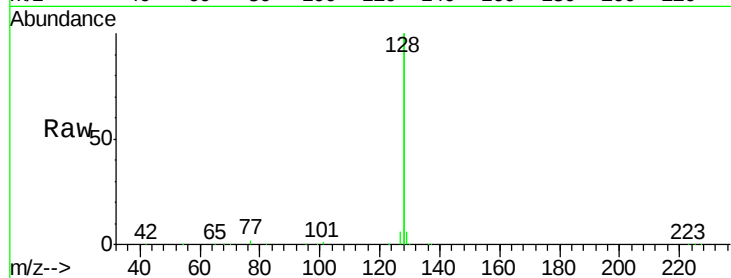
Tgt Ion:128 Resp: 184519

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

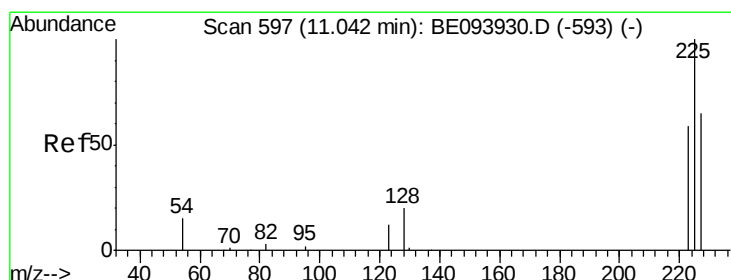
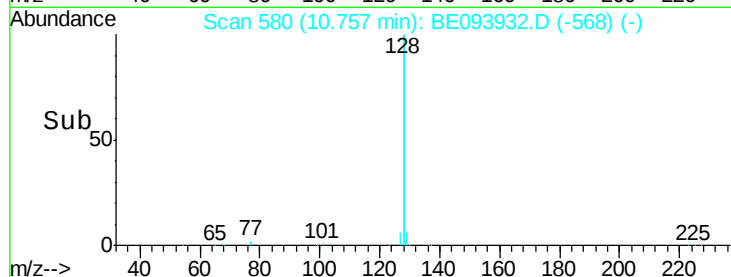
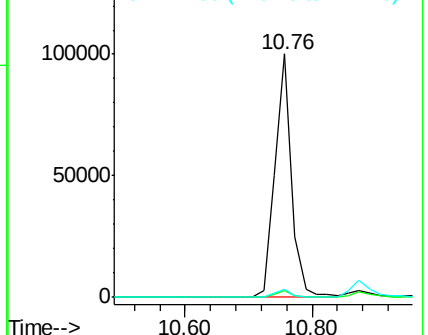
127 3.2 2.6 4.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.628 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

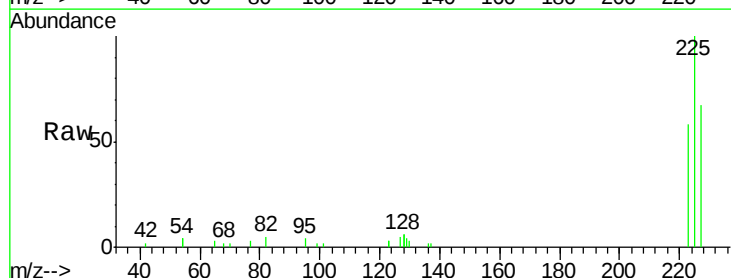
Tgt Ion:225 Resp: 6590

Ion Ratio Lower Upper

225 100

223 62.2 49.4 74.0

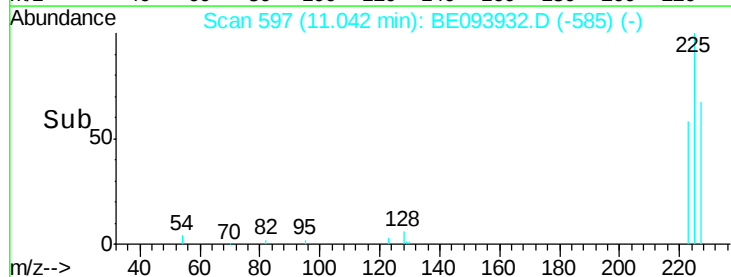
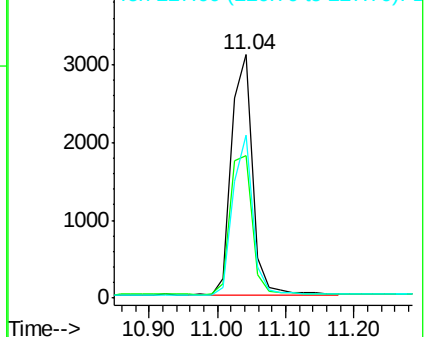
227 63.3 50.5 75.7

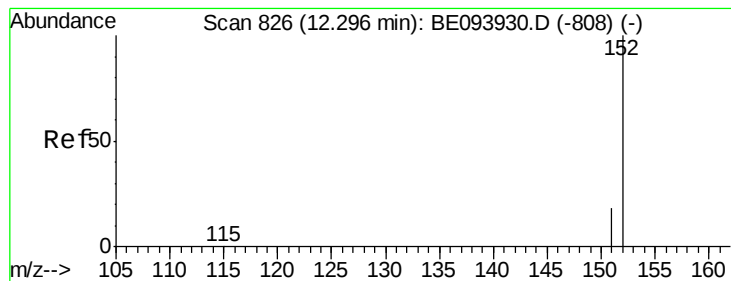


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.669 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

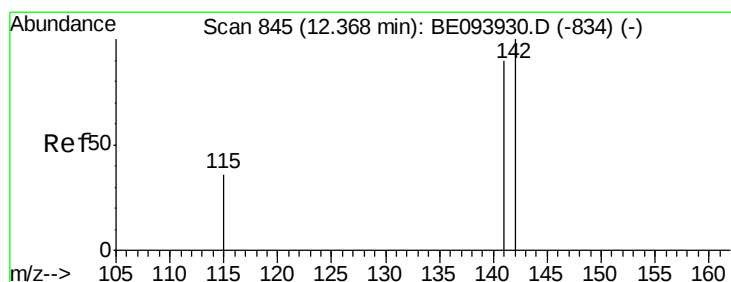
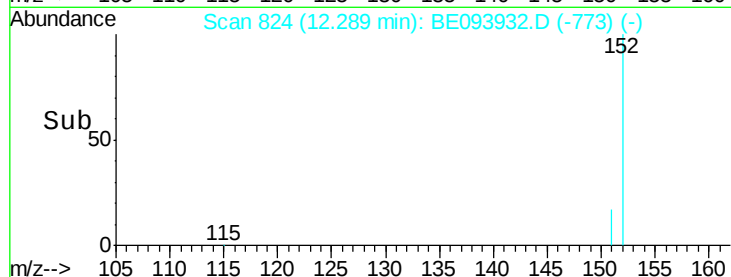
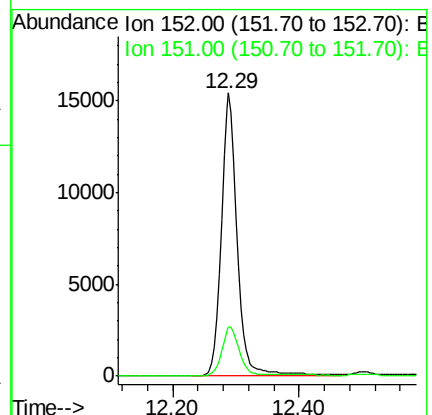
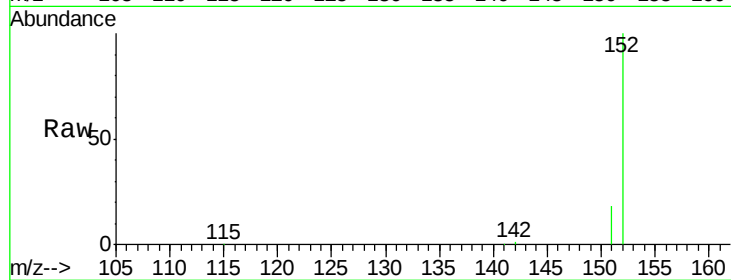
SSTDICC1.6

Tgt Ion:152 Resp: 26574

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



#12

2-Methylnaphthalene

Concen: 1.648 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

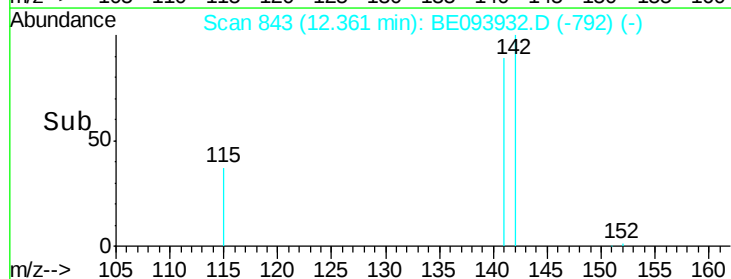
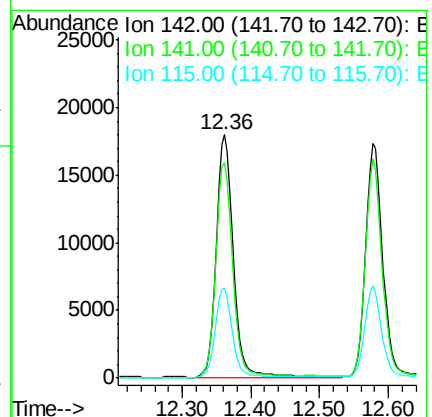
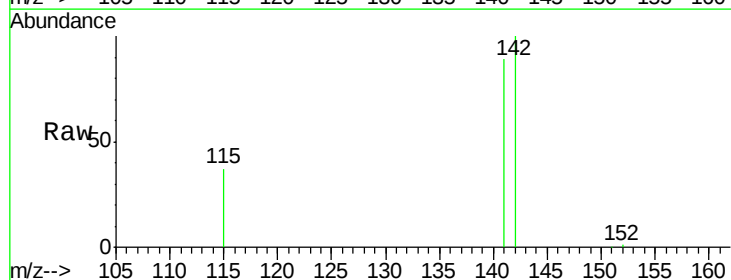
Tgt Ion:142 Resp: 31568

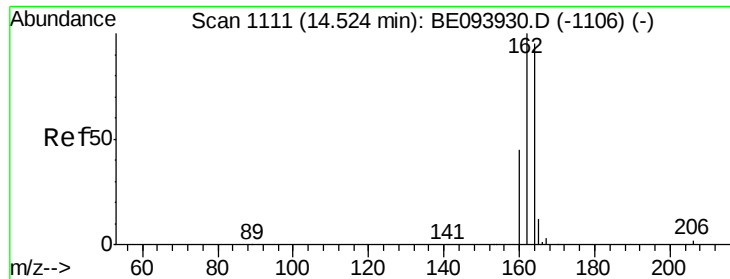
Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

115 36.7 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: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

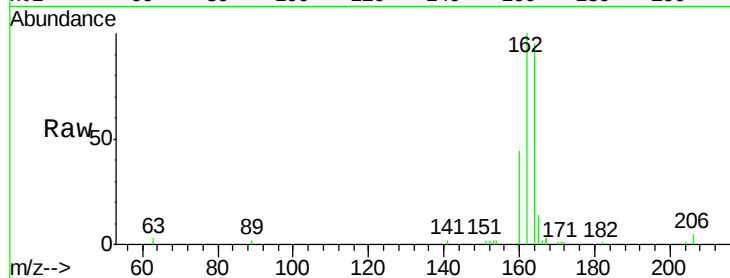
Tgt Ion:164 Resp: 5842

Ion Ratio Lower Upper

164 100

162 104.9 80.8 121.2

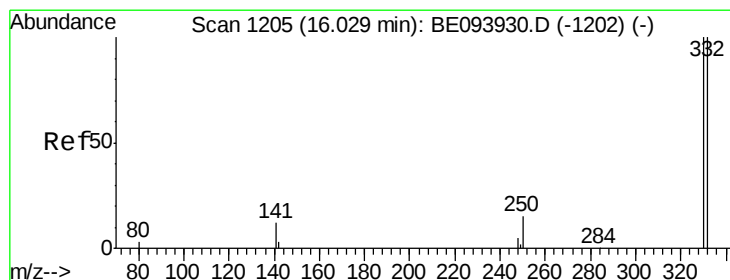
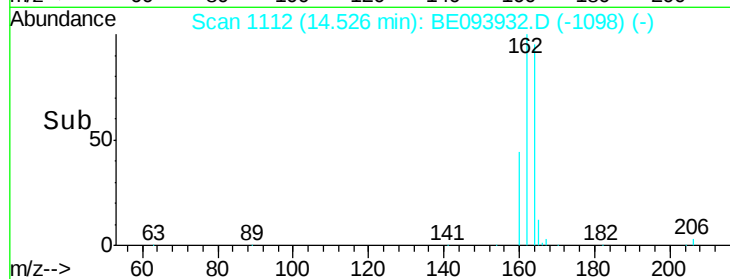
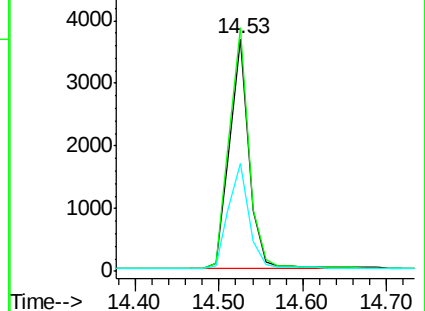
160 46.4 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 1.594 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

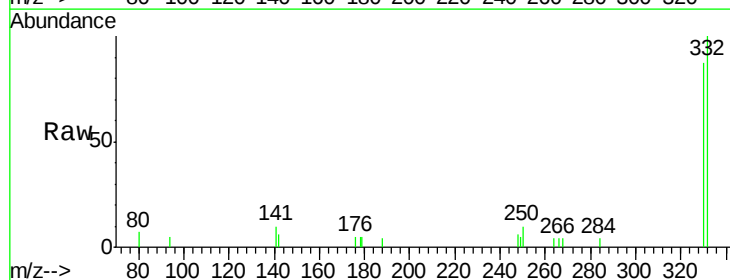
Tgt Ion:330 Resp: 2496

Ion Ratio Lower Upper

330 100

332 107.5 76.9 115.3

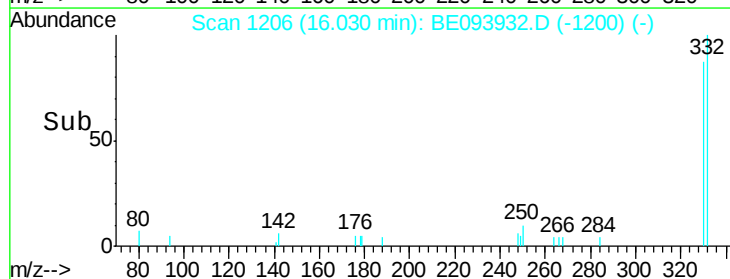
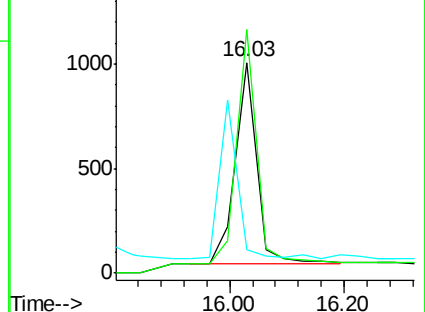
141 0.0 0.0 0.0

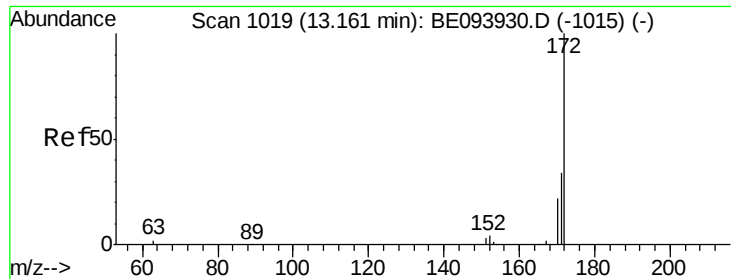


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

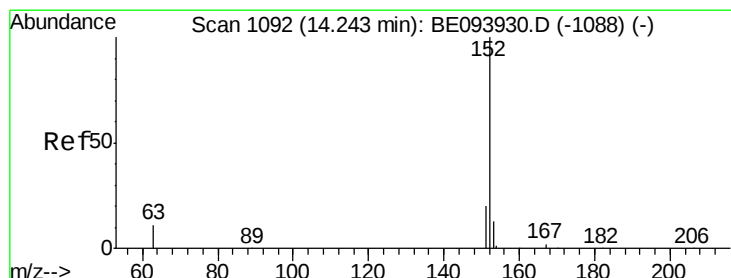
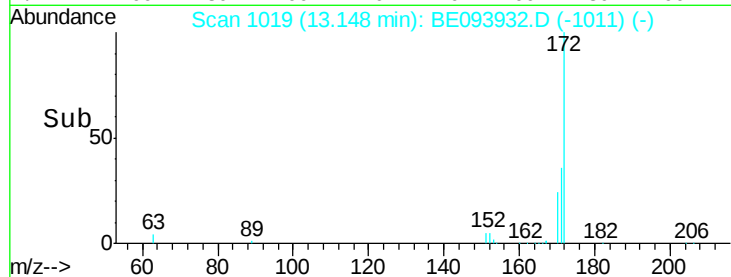
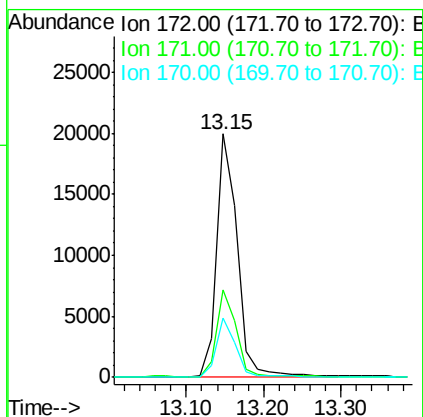
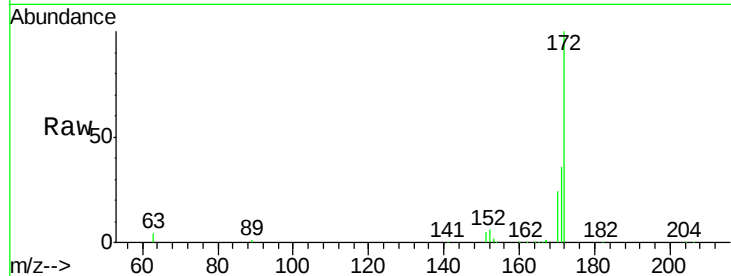




#15
 2-Fluorobiphenyl
 Concen: 1.572 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

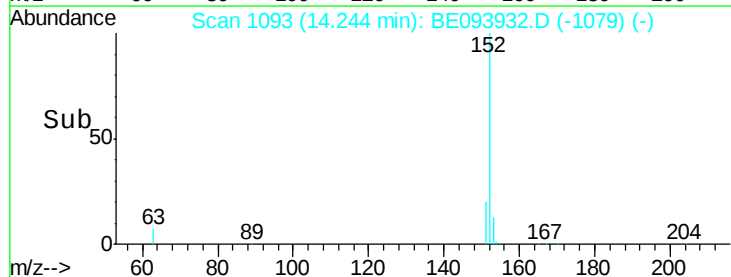
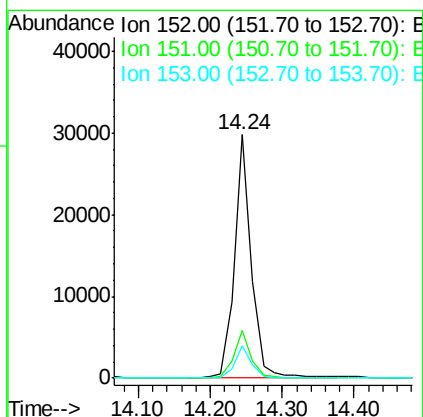
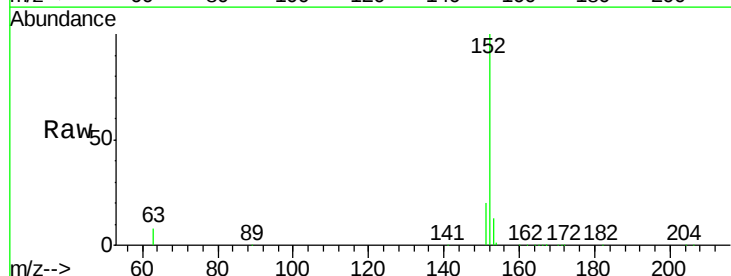
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

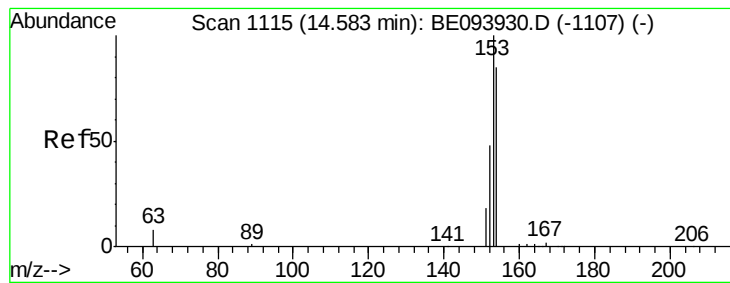
Tgt Ion:172 Resp: 36548
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.9 40.3
 170 24.3 17.3 25.9



#16
 Acenaphthylene
 Concen: 1.680 ng
 RT: 14.24 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

Tgt Ion:152 Resp: 48571
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.7 23.5
 153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 1.612 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

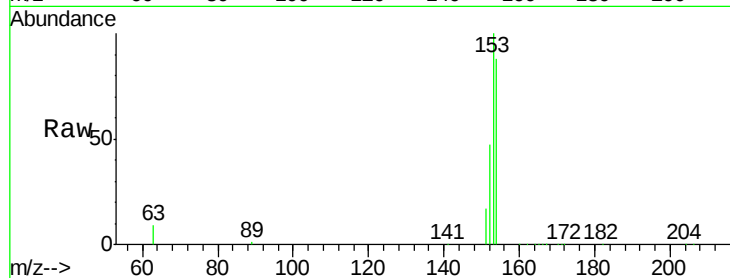
Tgt Ion:154 Resp: 31430

Ion Ratio Lower Upper

154 100

153 113.0 91.8 137.6

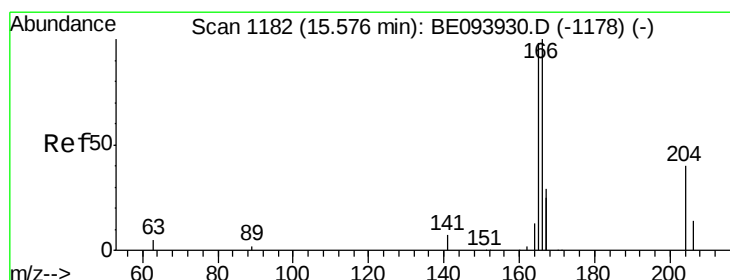
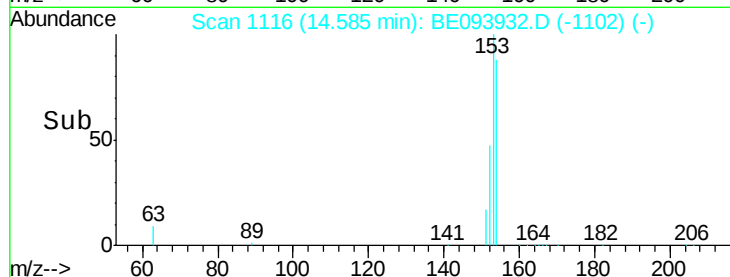
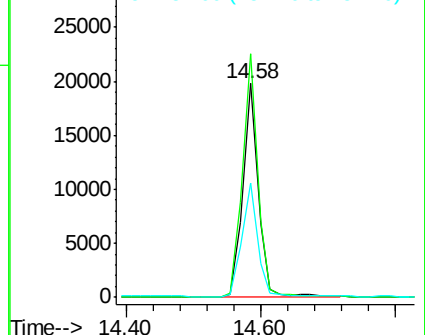
152 53.7 44.9 67.3



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: 1.592 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

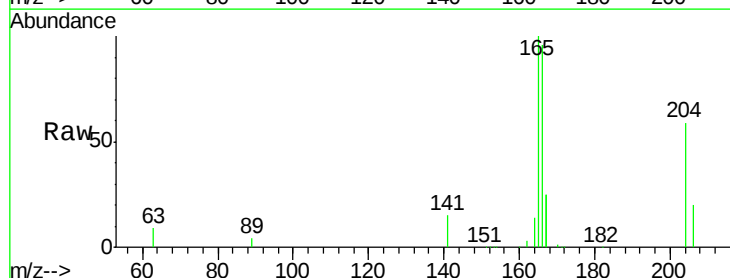
Tgt Ion:166 Resp: 40160

Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.0

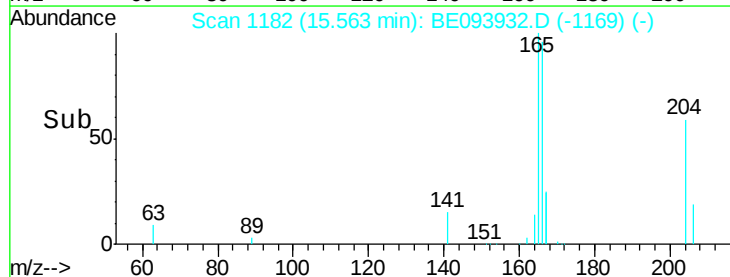
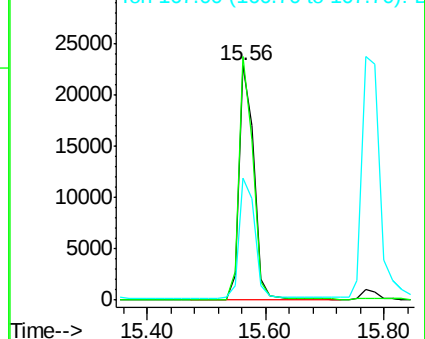
167 54.1 43.5 65.3

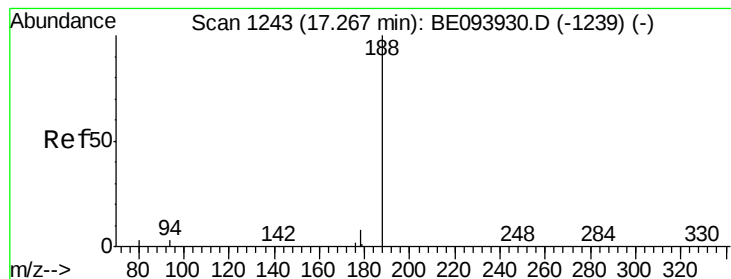


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

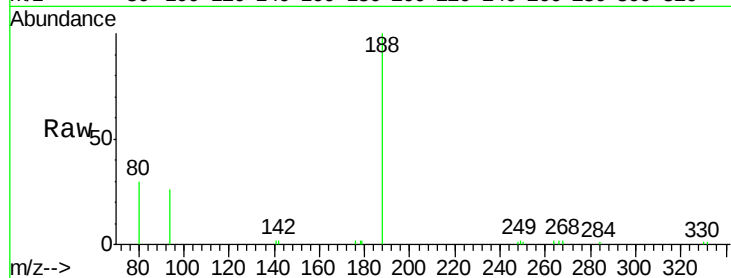
Tgt Ion:188 Resp: 9857

Ion Ratio Lower Upper

188 100

94 26.2 16.1 24.1#

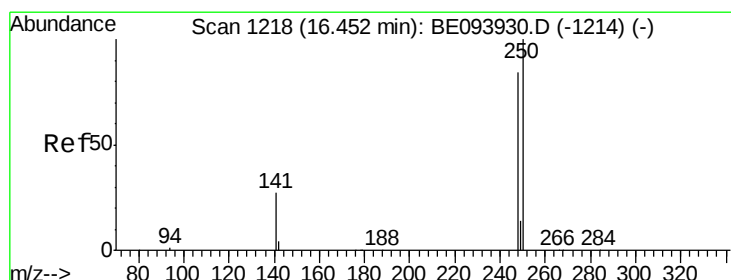
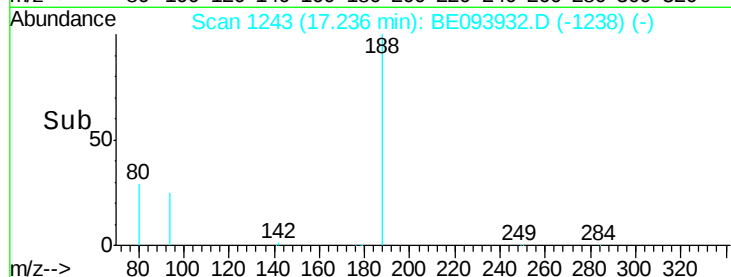
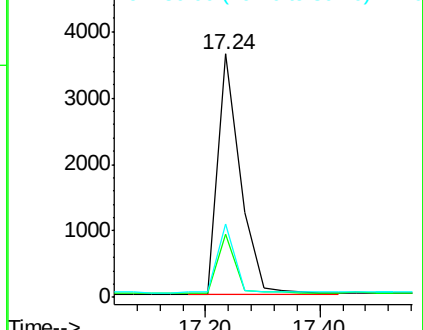
80 30.2 18.2 27.2#



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: 1.625 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

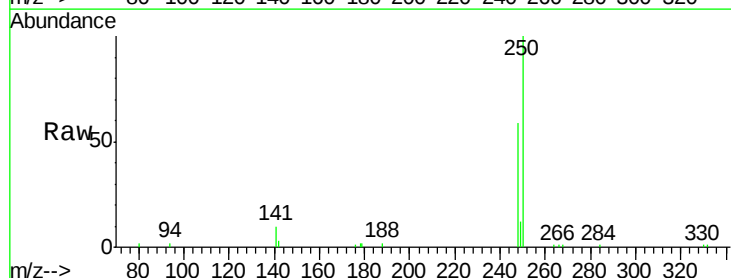
Tgt Ion:248 Resp: 6632

Ion Ratio Lower Upper

248 100

250 168.7 111.8 167.8#

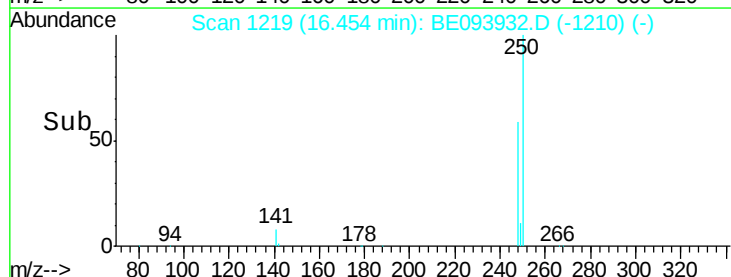
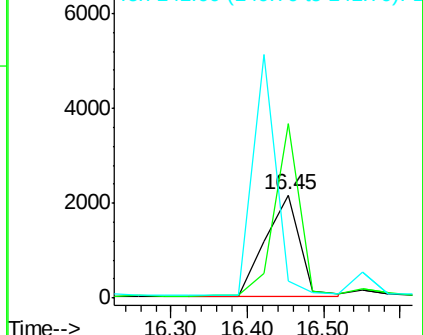
141 16.4 27.1 40.7#

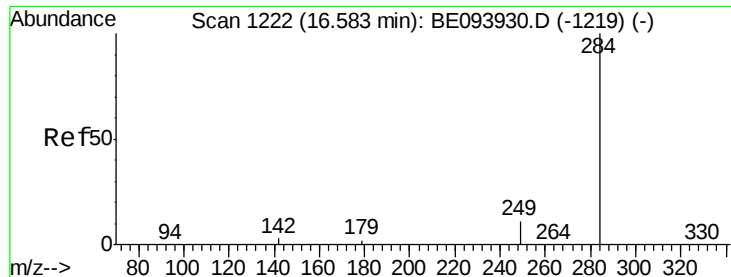


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

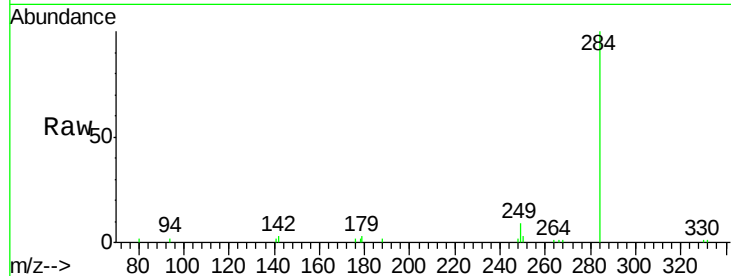




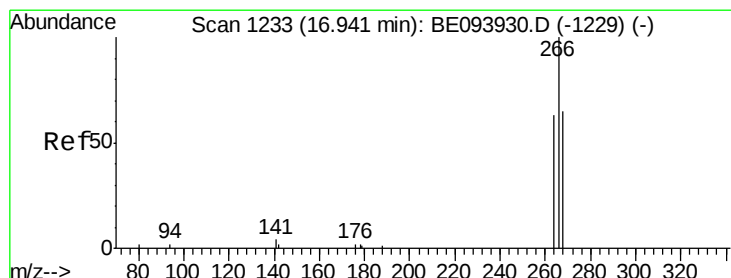
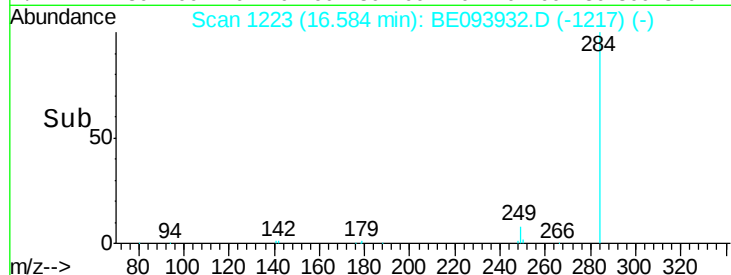
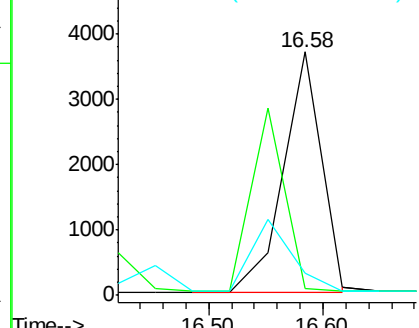
#21
Hexachlorobenzene
Concen: 2.388 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 284 Resp: 8492
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

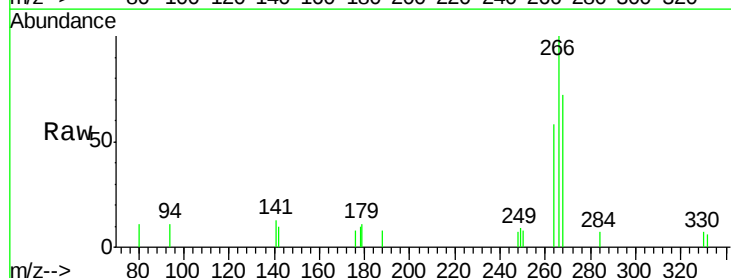


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

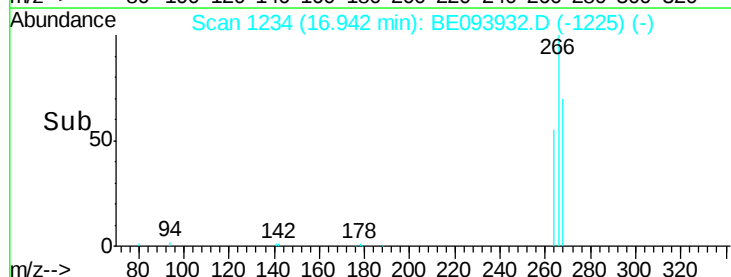
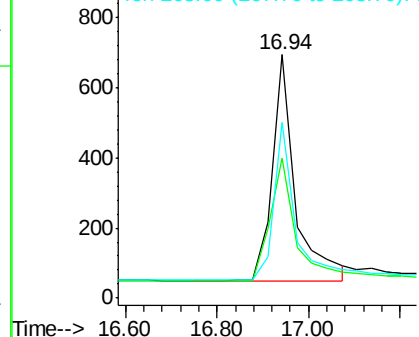


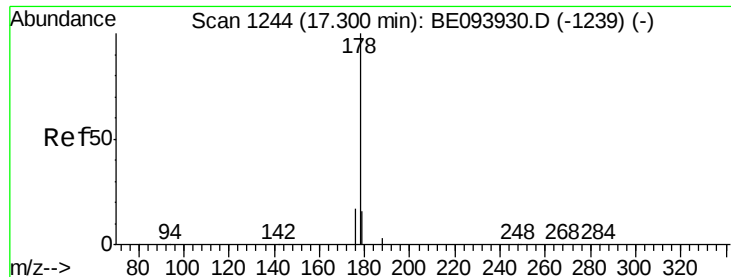
#22
Pentachlorophenol
Concen: 1.475 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Tgt Ion: 266 Resp: 2279
Ion Ratio Lower Upper
266 100
264 57.6 53.5 80.3
268 71.9 60.0 90.0



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.623 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

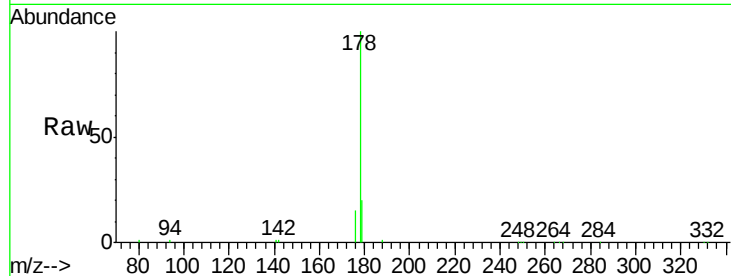
Tgt Ion:178 Resp: 40668

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

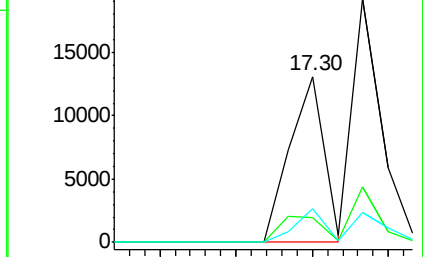
179 16.4 12.6 18.8



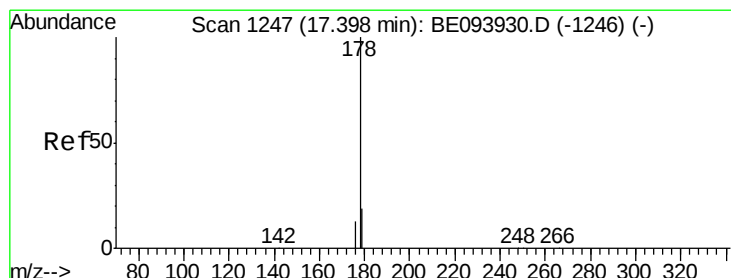
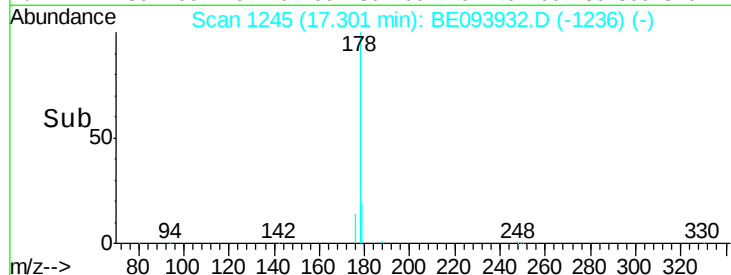
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 1.676 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

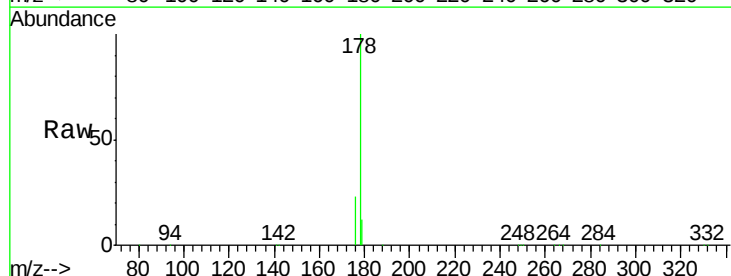
Tgt Ion:178 Resp: 50090

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

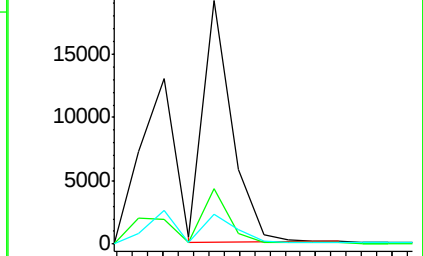
179 0.0 0.0 0.0



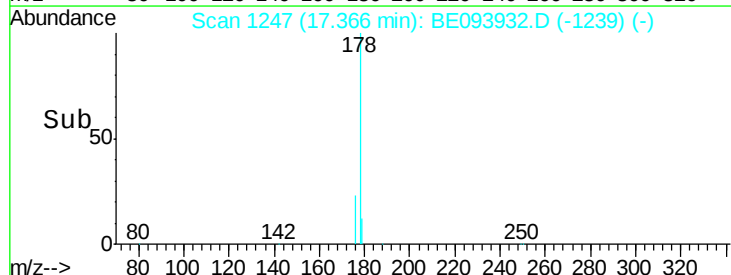
Abundance Ion 178.00 (177.70 to 178.70): E

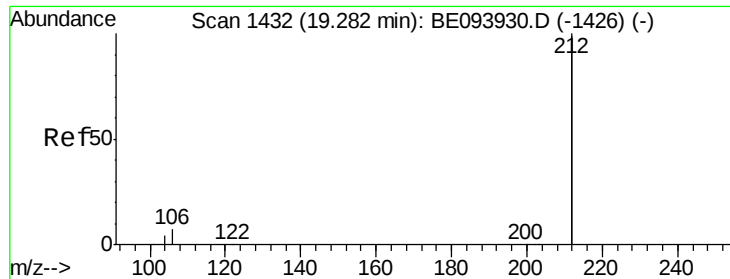
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

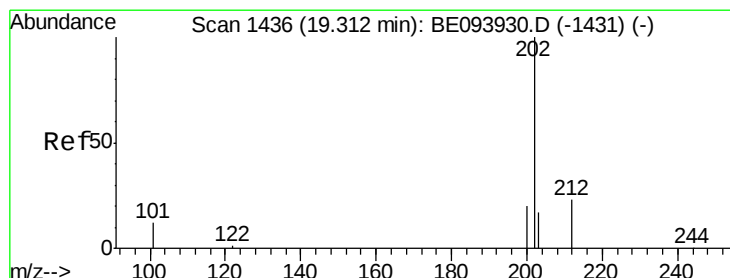
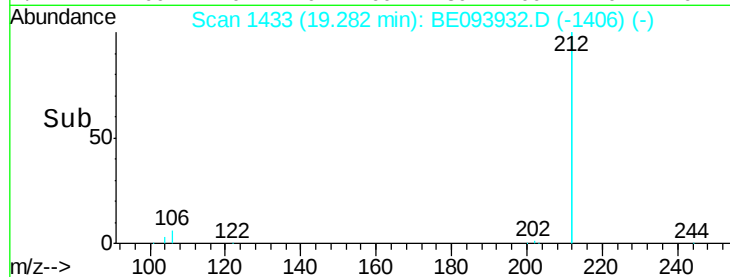
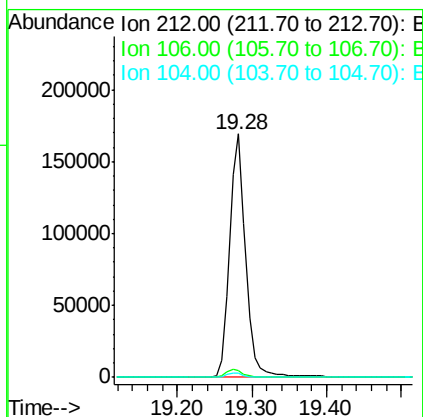
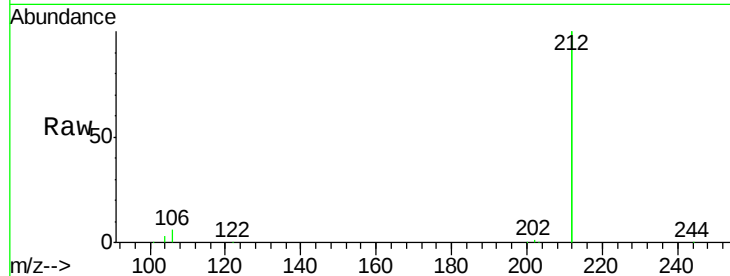




#25
 Fluoranthene-d10
 Concen: 2.194 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

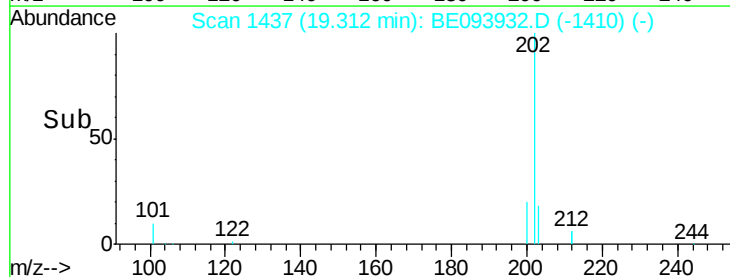
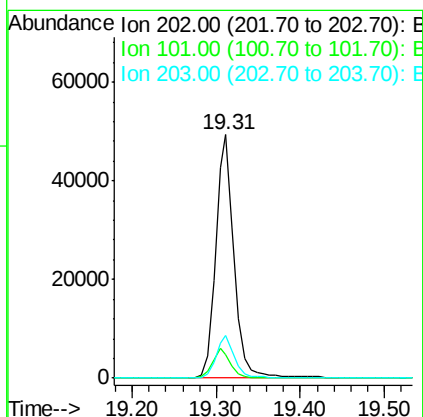
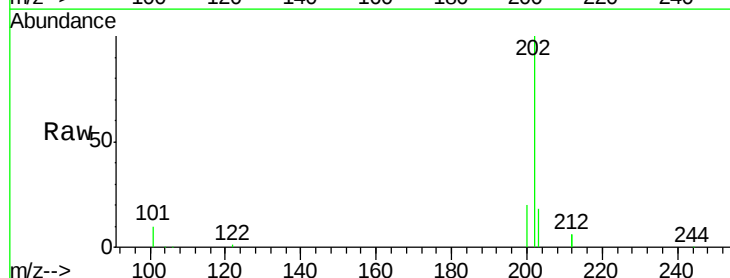
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

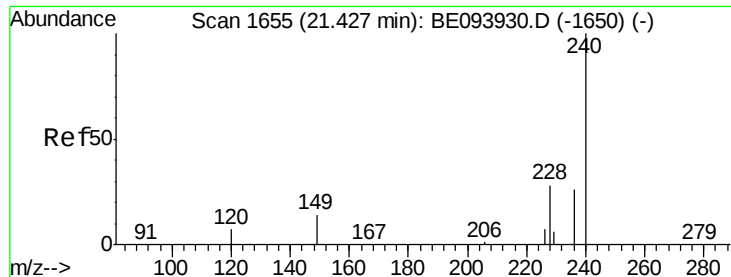
Tgt Ion: 212 Resp: 249317
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 2.173 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

Tgt Ion: 202 Resp: 74587
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.7 14.5
 203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

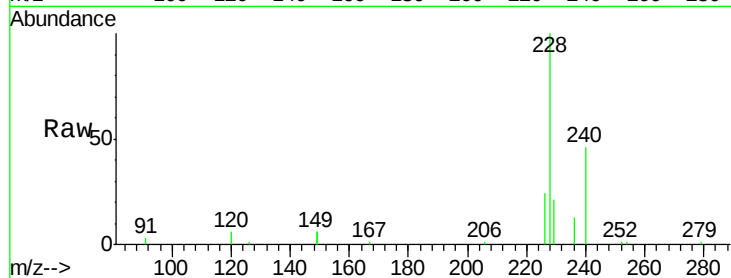
Tgt Ion:240 Resp: 14156

Ion Ratio Lower Upper

240 100

120 14.0 8.7 13.1#

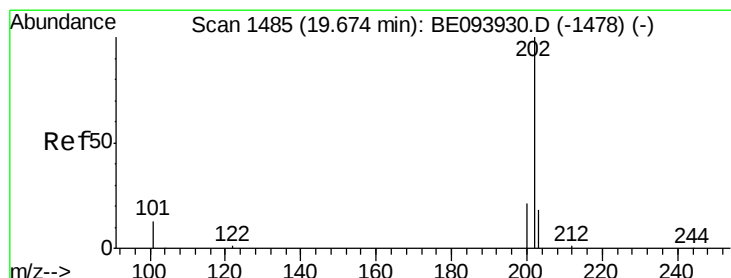
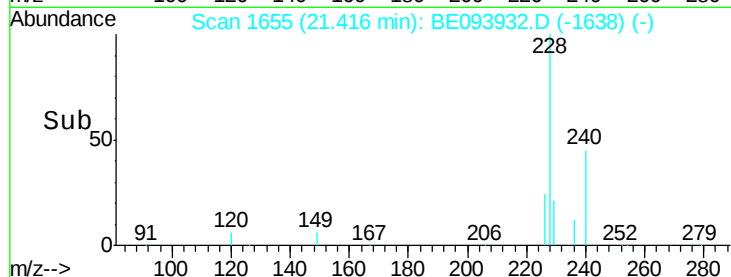
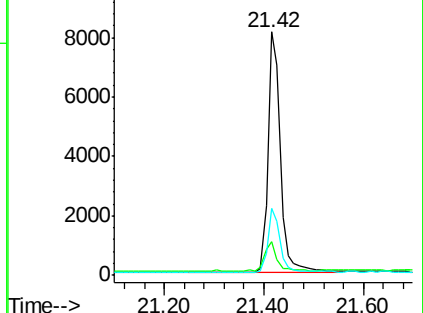
236 27.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.609 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

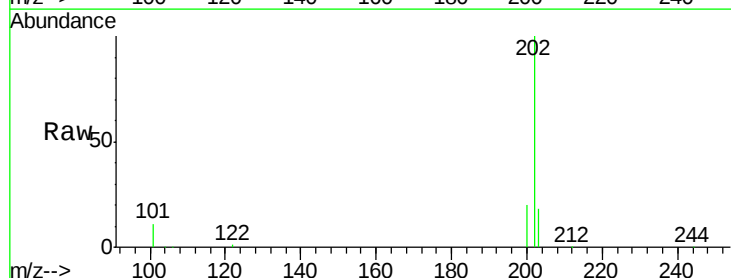
Tgt Ion:202 Resp: 76619

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

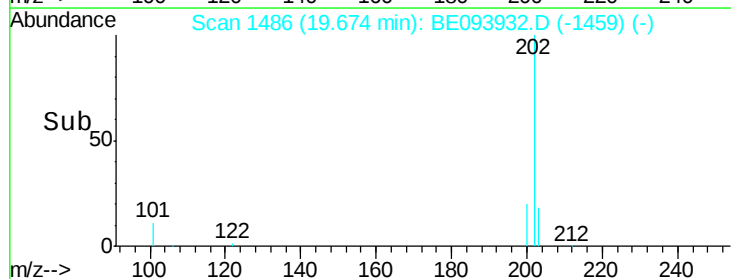
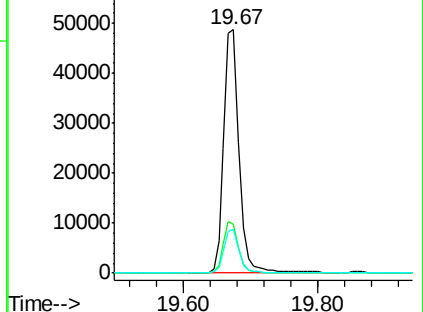
203 17.8 14.2 21.4

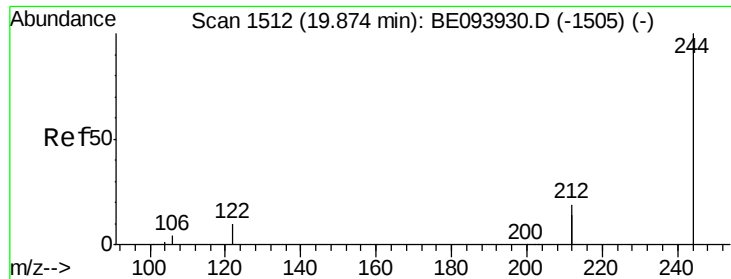


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.614 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

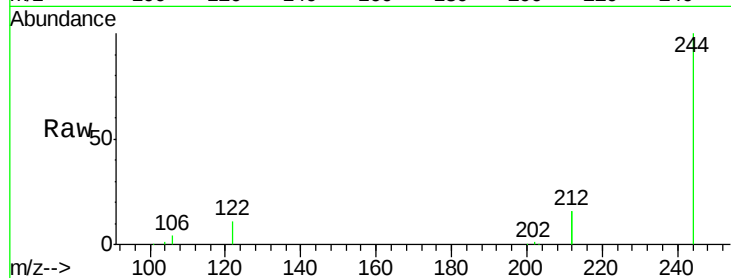
Tgt Ion:244 Resp: 41342

Ion Ratio Lower Upper

244 100

212 32.8 28.3 42.5

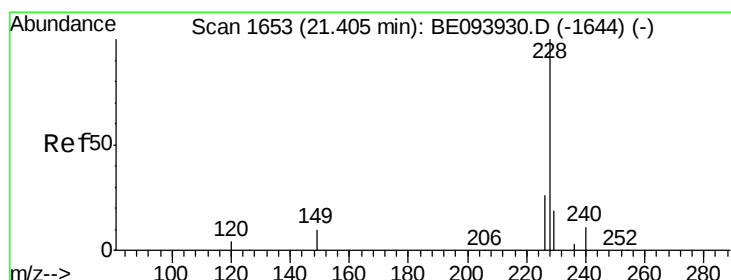
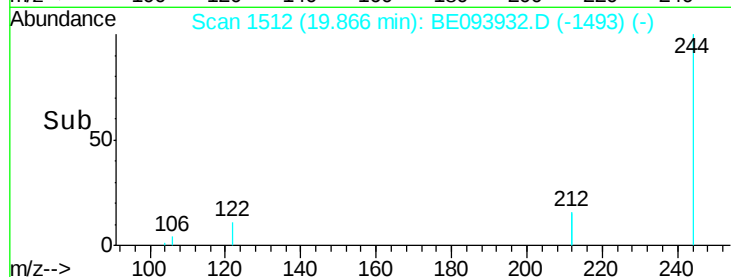
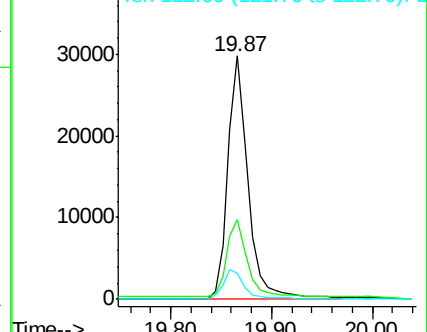
122 10.9 9.4 14.0



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: 1.636 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

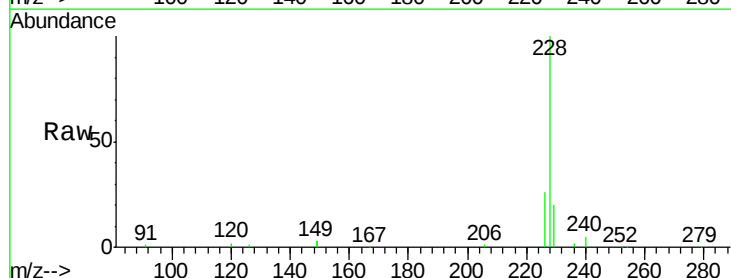
Tgt Ion:228 Resp: 68767

Ion Ratio Lower Upper

228 100

226 26.1 20.8 31.2

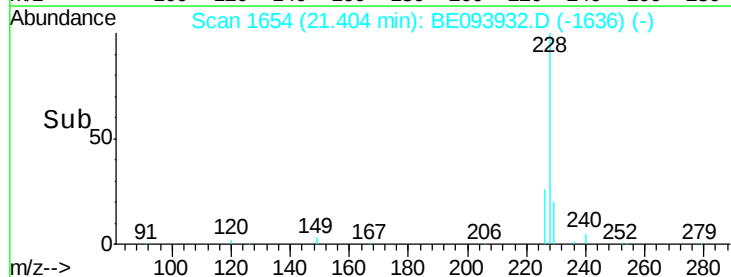
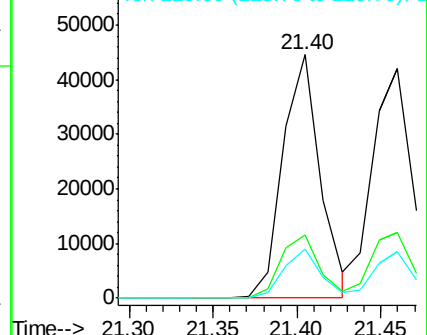
229 20.3 16.6 25.0

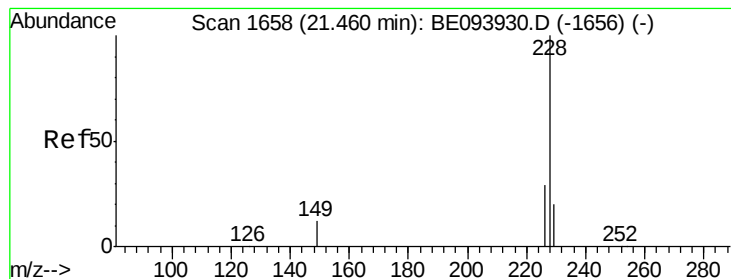


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.576 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

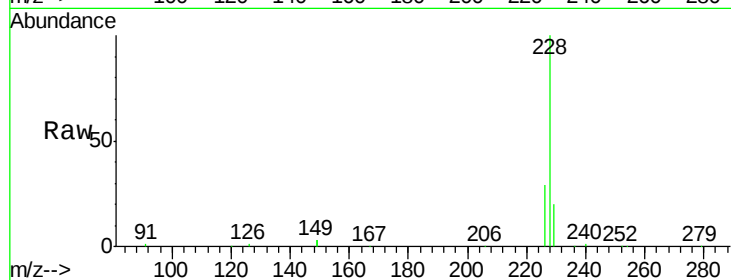
Tgt Ion:228 Resp: 73625

Ion Ratio Lower Upper

228 100

226 28.6 24.6 37.0

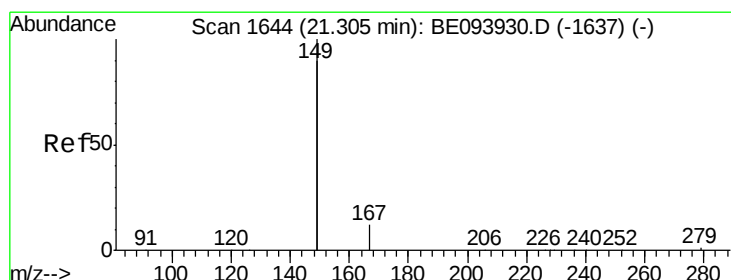
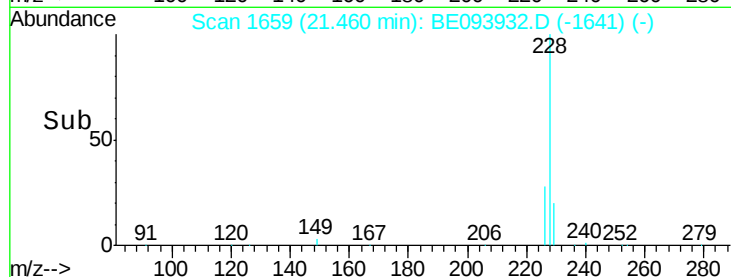
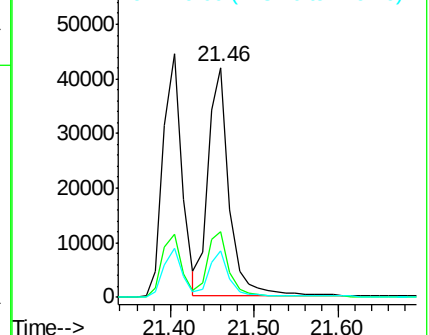
229 20.4 15.8 23.8



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: 1.732 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

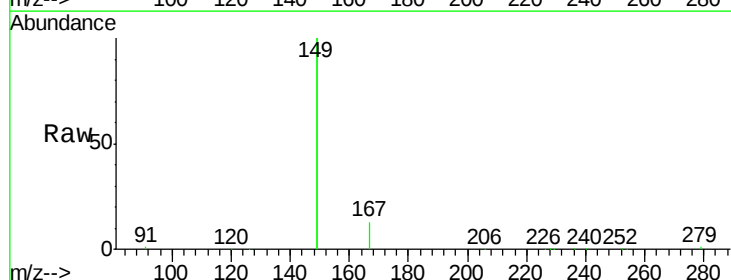
Tgt Ion:149 Resp: 153524

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

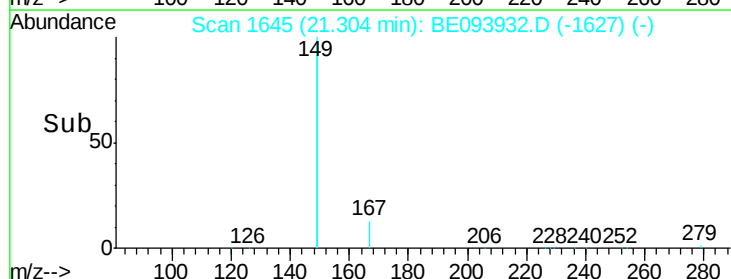
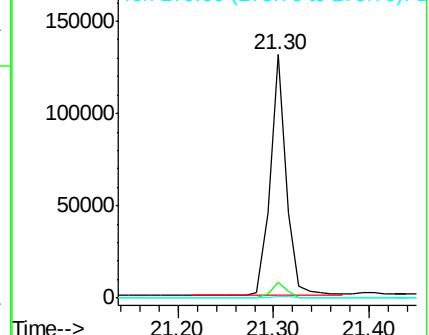
279 0.9 0.7 1.1

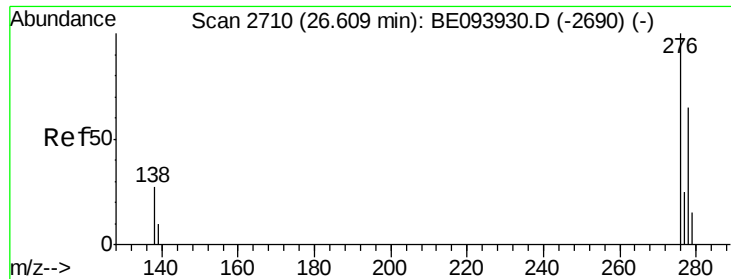


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

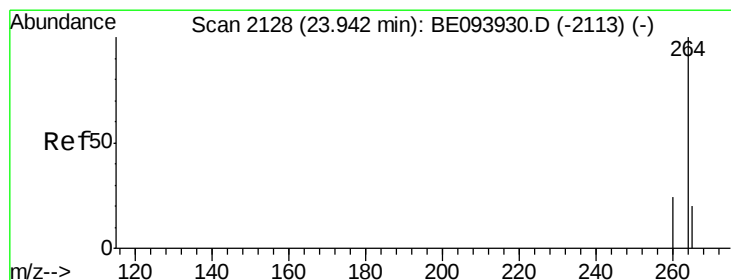
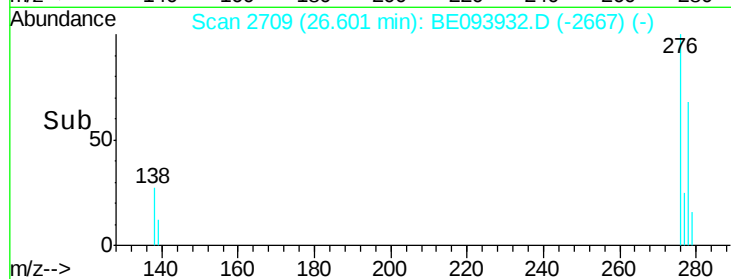
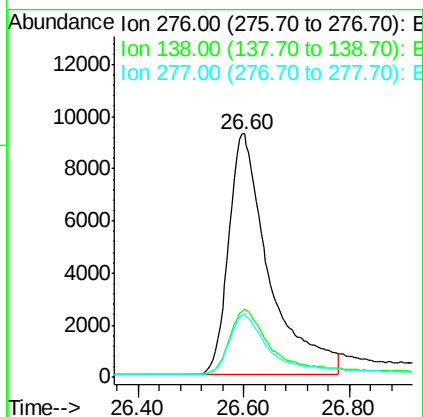
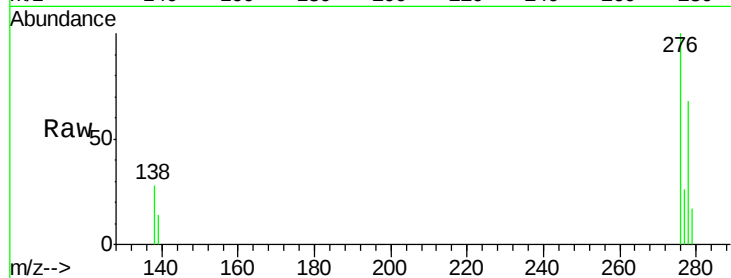




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.544 ng
 RT: 26.60 min Scan# 2709
 Delta R.T. -0.01 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

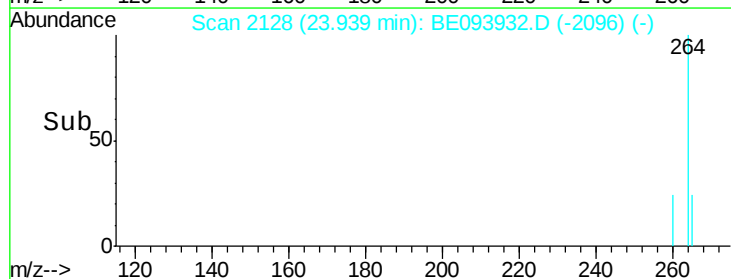
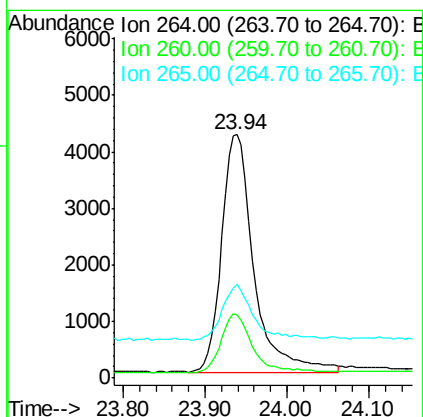
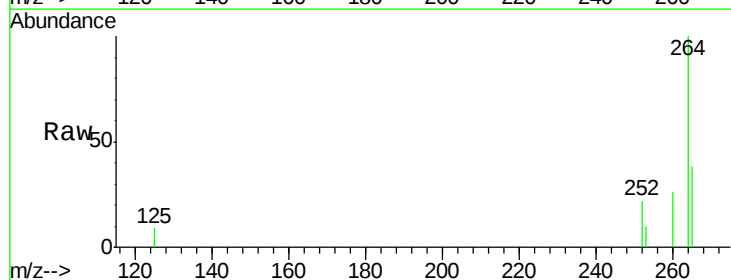
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

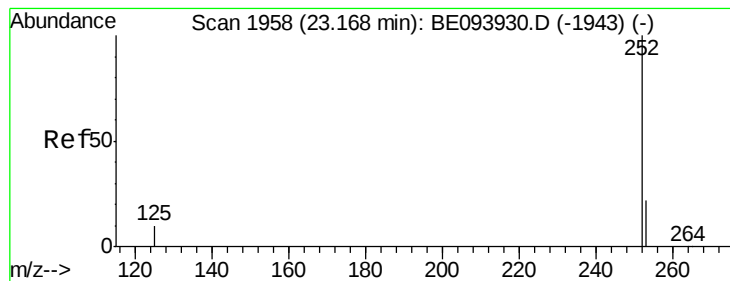
Tgt Ion:276 Resp: 49225
 Ion Ratio Lower Upper
 276 100
 138 27.4 22.2 33.2
 277 25.0 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

Tgt Ion:264 Resp: 11464
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 38.4 24.0 36.0#





#35

Benzo(b)fluoranthene

Concen: 1.672 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

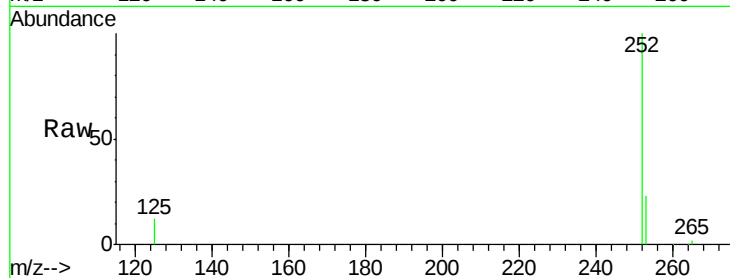
Tgt Ion:252 Resp: 61182

Ion Ratio Lower Upper

252 100

253 22.7 19.4 29.0

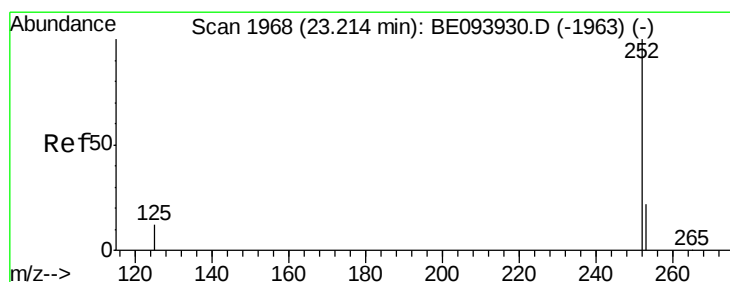
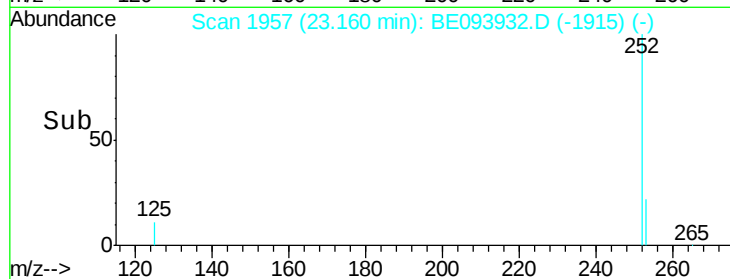
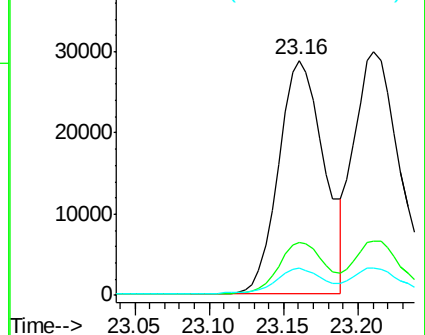
125 11.6 10.0 15.0



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: 1.720 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

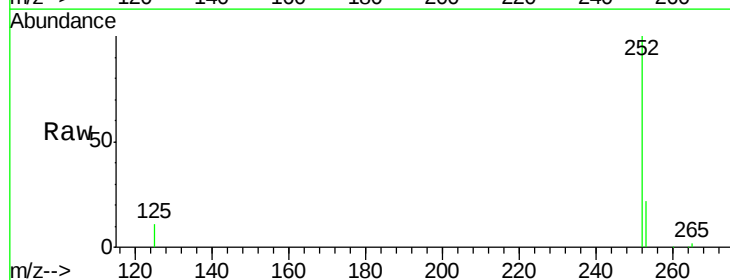
Tgt Ion:252 Resp: 71937

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

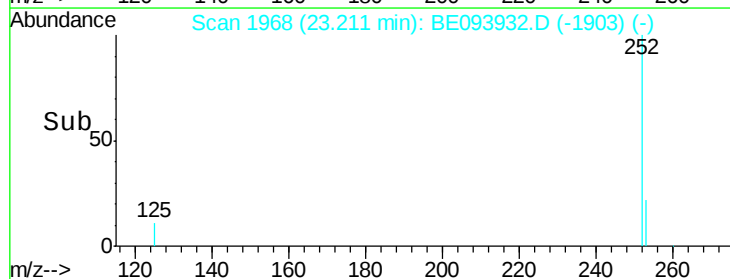
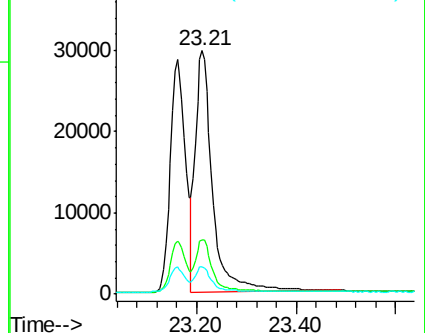
125 11.4 9.8 14.6

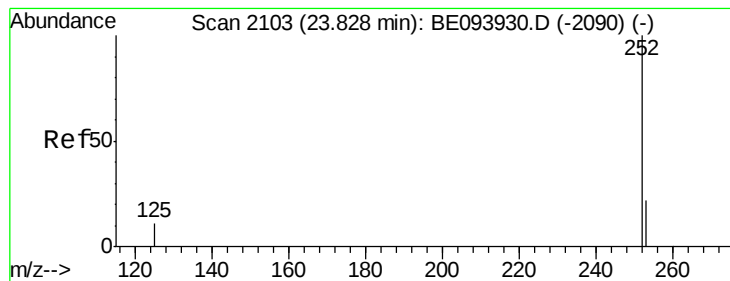


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.656 ng

RT: 23.82 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

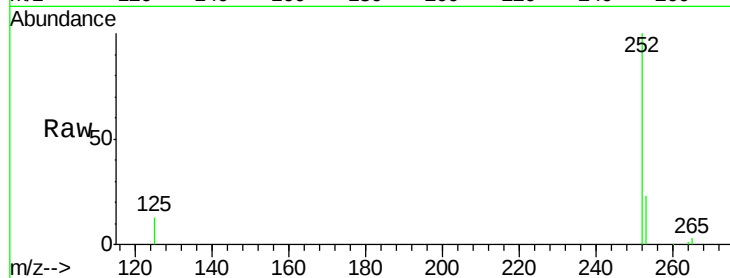
Tgt Ion: 252 Resp: 60145

Ion Ratio Lower Upper

252 100

253 22.9 19.6 29.4

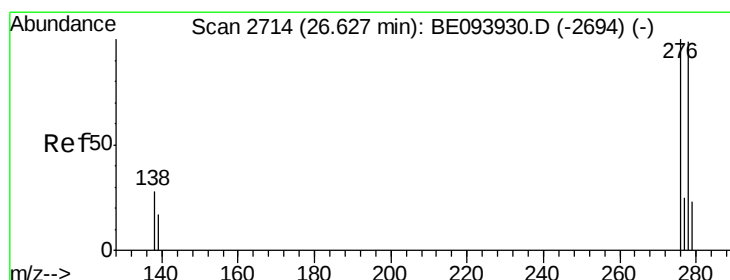
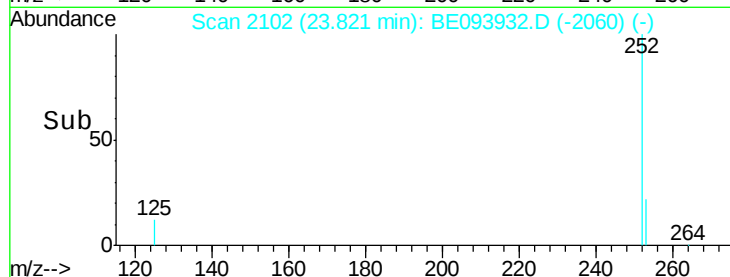
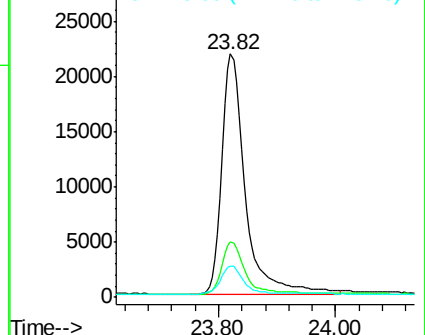
125 13.0 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 1.632 ng

RT: 26.62 min Scan# 2713

Delta R.T. -0.01 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

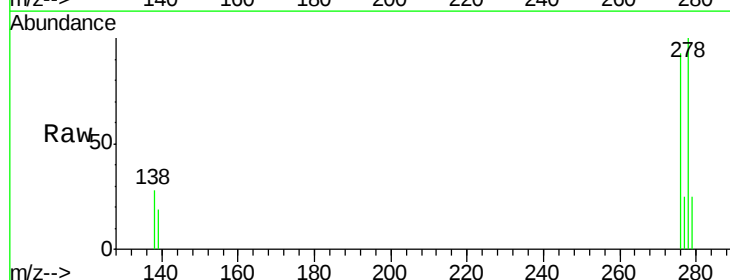
Tgt Ion: 278 Resp: 41837

Ion Ratio Lower Upper

278 100

139 19.3 16.7 25.1

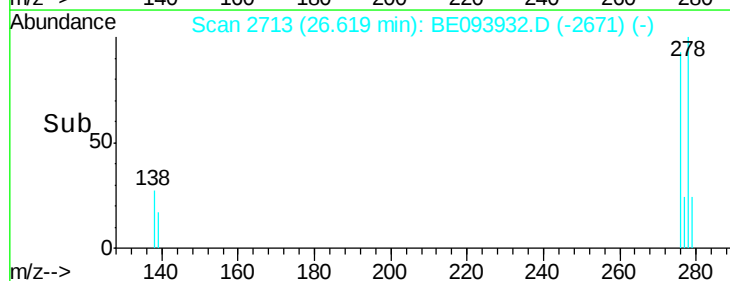
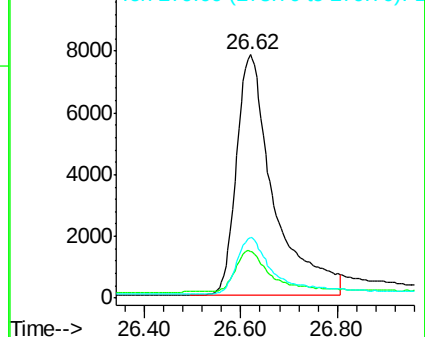
279 24.8 21.6 32.4

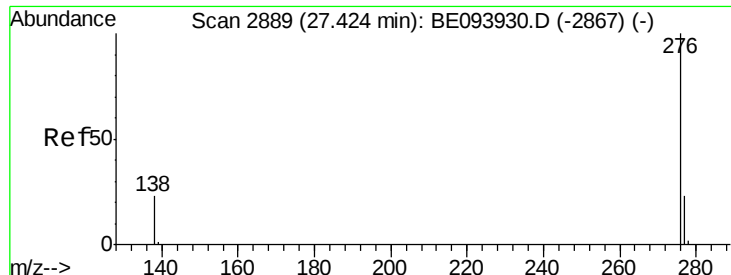


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 1.513 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093932.D

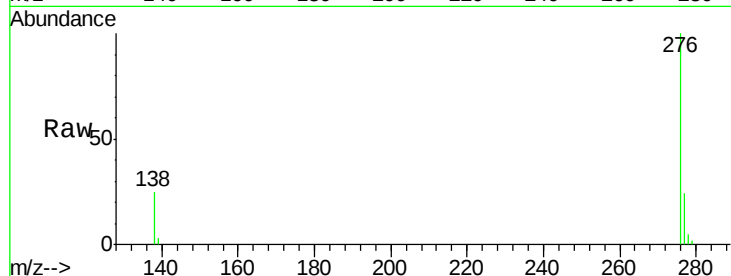
Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



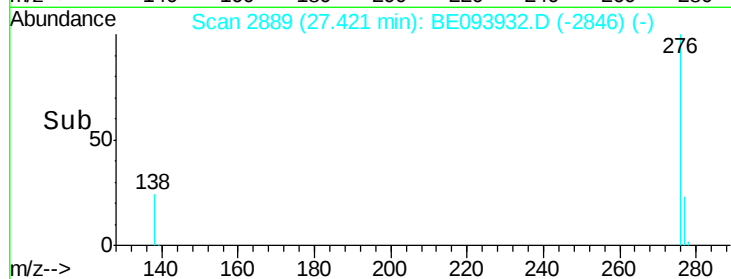
Tgt Ion: 276 Resp: 42274

Ion Ratio Lower Upper

276 100

277 24.4 20.6 30.8

138 24.7 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

