

Data Path : \\74.0.250.170\SV0ASRV\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						
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				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

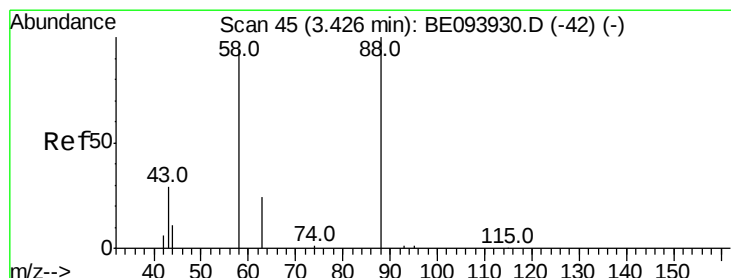
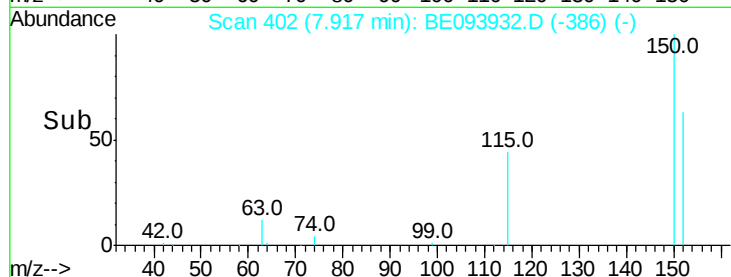
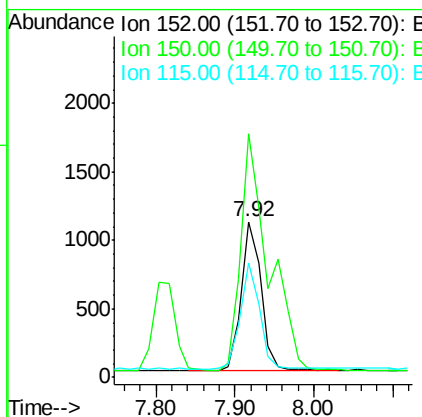
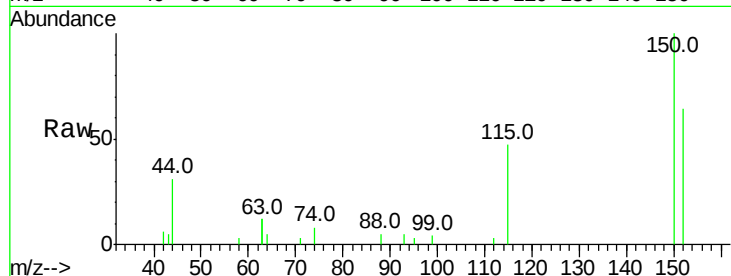


#1

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

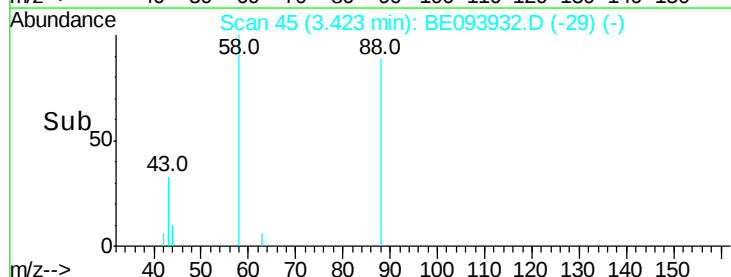
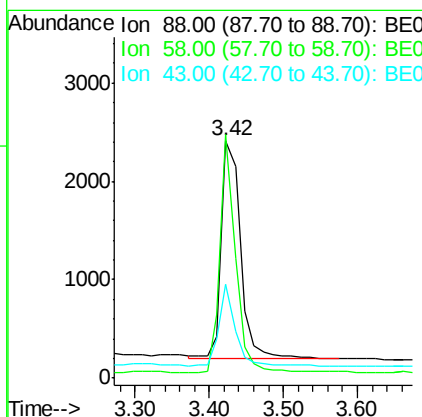
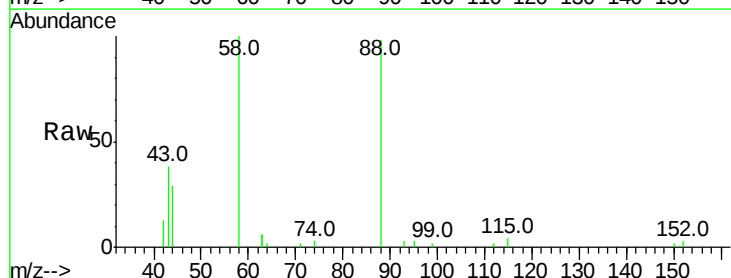
Tot Ion:152 Resp: 1885
Ion Ratio Lower Upper
152 100
150 156.3 121.8 182.6
115 73.3 52.6 79.0



#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





#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

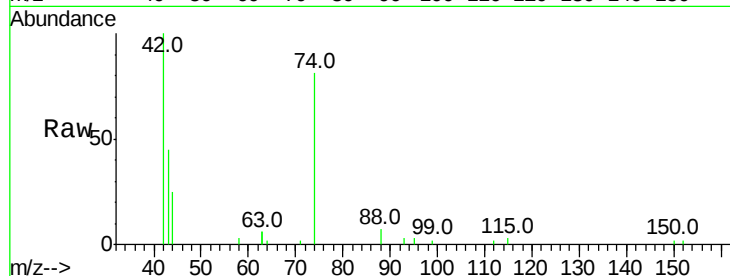
Tot Ion: 42 Resp: 5294

Ion Ratio Lower Upper

42 100

74 128.6 104.0 156.0

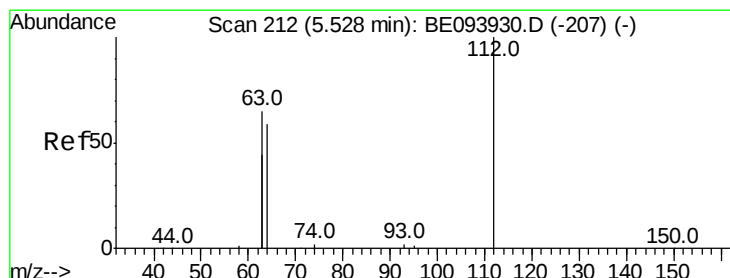
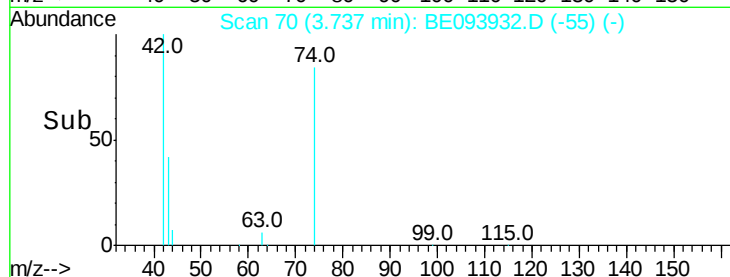
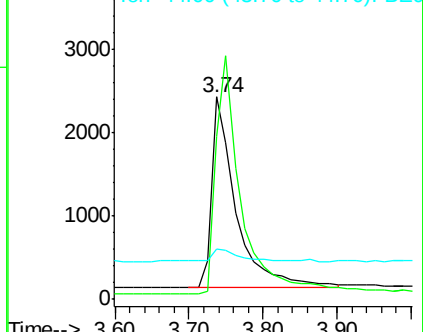
44 8.9 13.8 20.8#



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

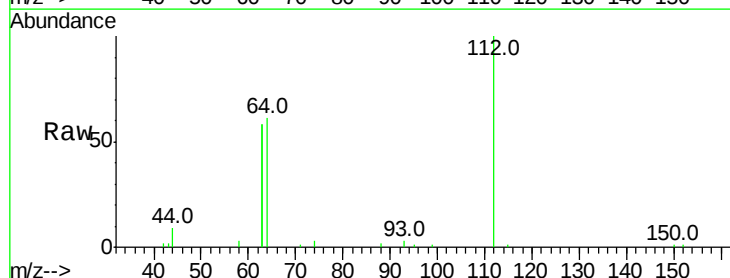
Tgt Ion: 112 Resp: 9930

Ion Ratio Lower Upper

112 100

64 72.3 57.7 86.5

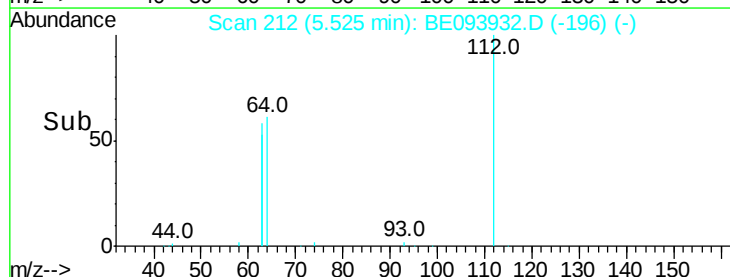
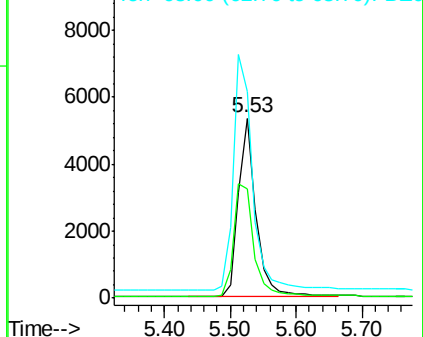
63 143.0 116.0 174.0

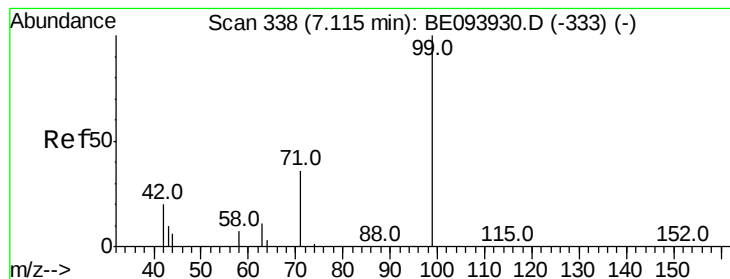


Abundance Ion 112.00 (111.70 to 112.70): E

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

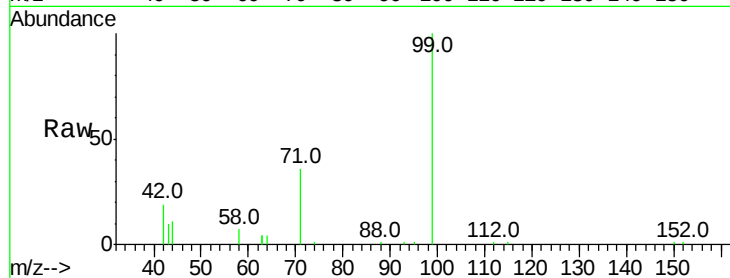
Tot Ion: 99 Resp: 15189

Ion Ratio Lower Upper

99 100

42 20.7 17.1 25.7

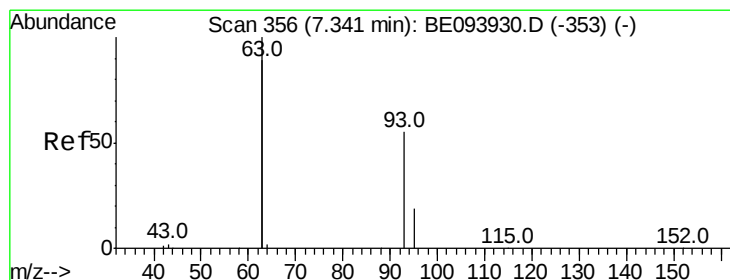
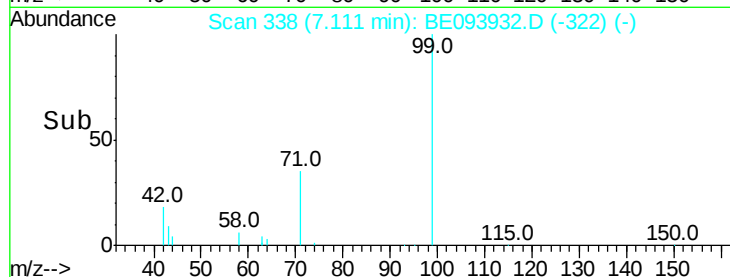
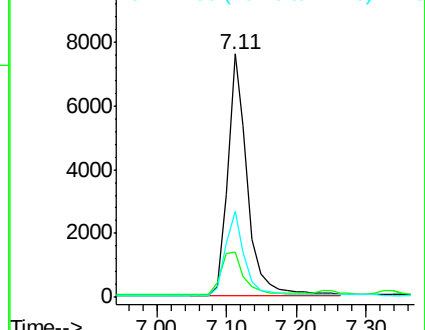
71 34.5 26.6 39.8



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

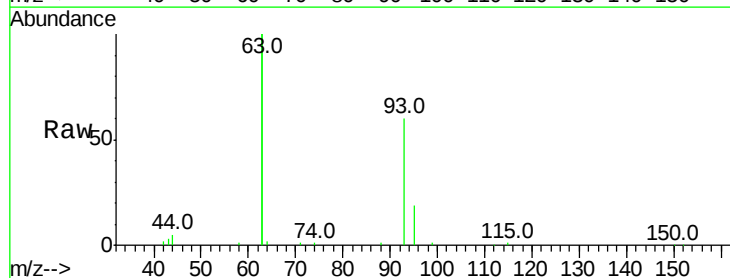
Tgt Ion: 93 Resp: 12070

Ion Ratio Lower Upper

93 100

63 338.8 283.4 425.2

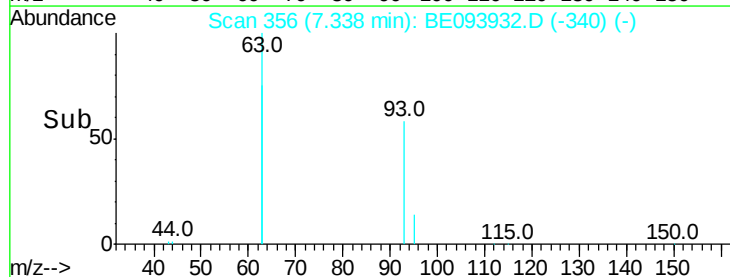
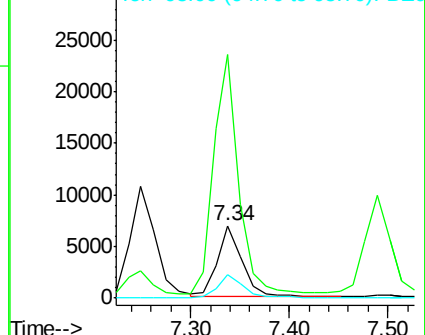
95 31.2 26.9 40.3

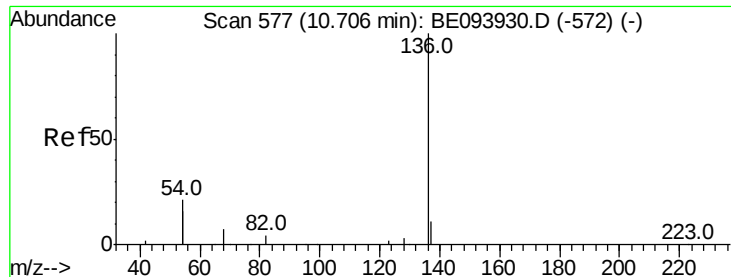


Abundance Ion 93.00 (92.70 to 93.70): BE0

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

Tot Ion:136 Resp: 10067

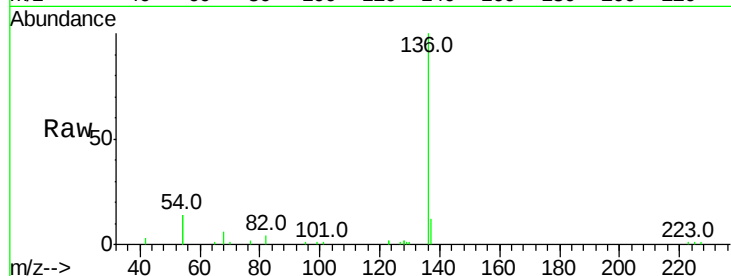
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 28.8 21.9 32.9

68 6.1 4.6 7.0

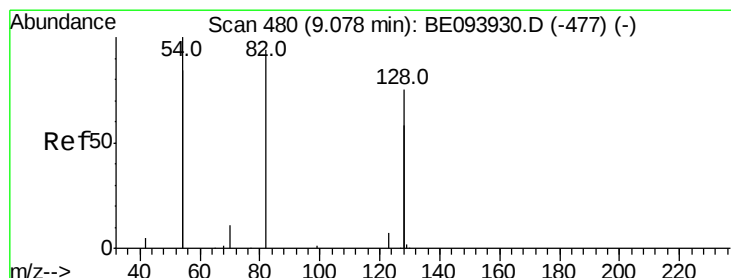
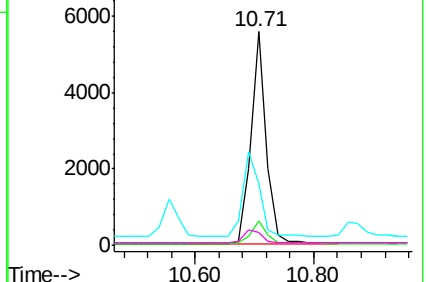
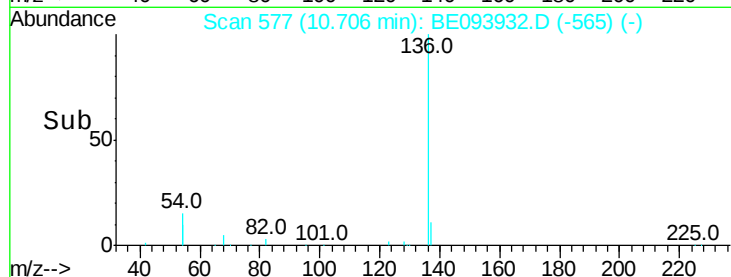


Abundance Ion 136.00 (135.70 to 136.70): E

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

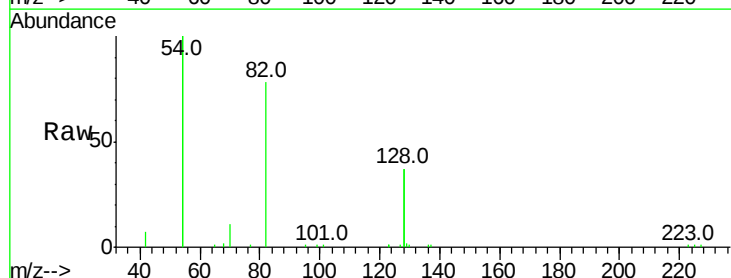
Tgt Ion: 82 Resp: 14193

Ion Ratio Lower Upper

82 100

128 94.8 91.4 137.0

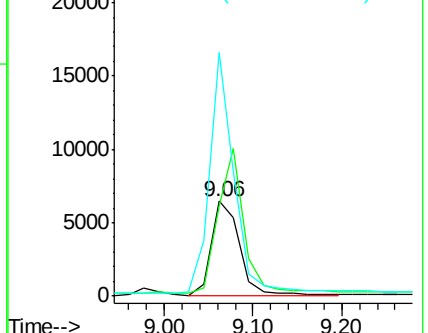
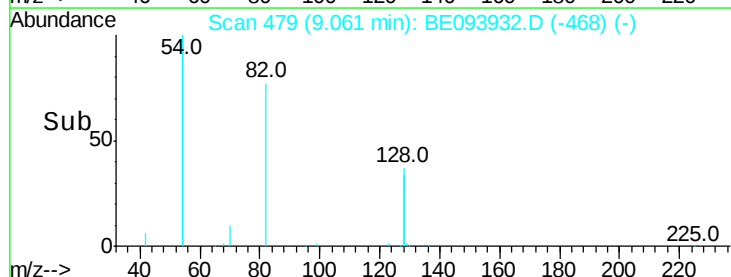
54 256.8 197.8 296.8



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

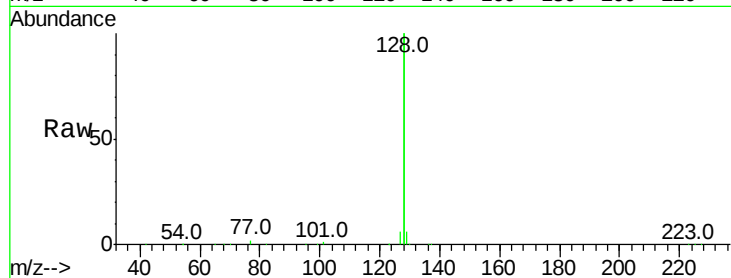
Tot Ion:128 Resp: 184519

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

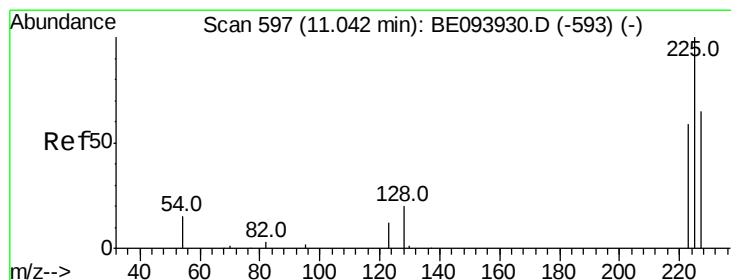
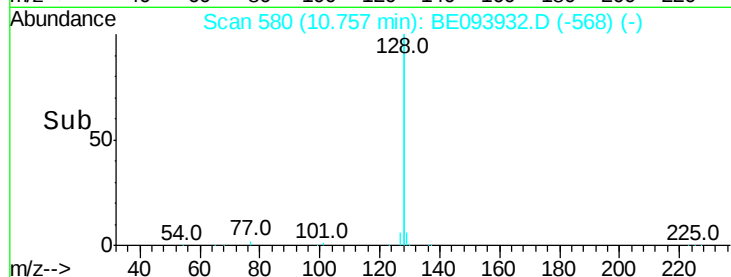
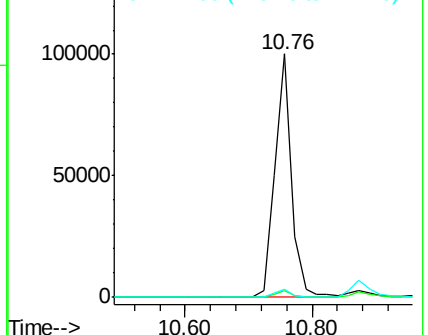
127 3.2 2.6 4.0



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

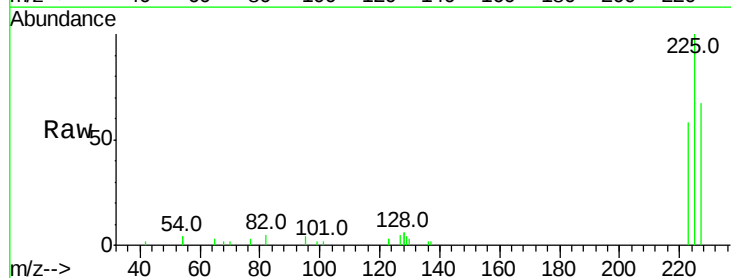
Tgt Ion:225 Resp: 6590

Ion Ratio Lower Upper

225 100

223 62.2 49.4 74.0

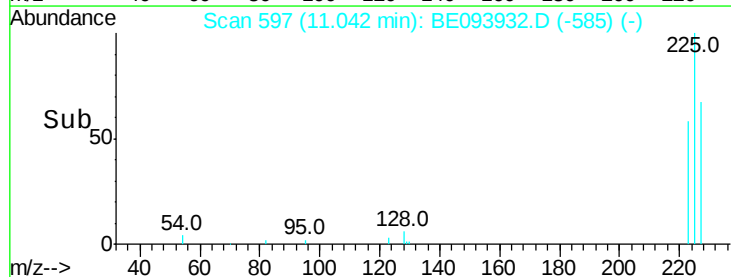
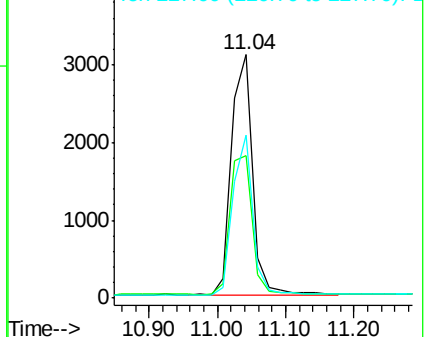
227 63.3 50.5 75.7



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 :

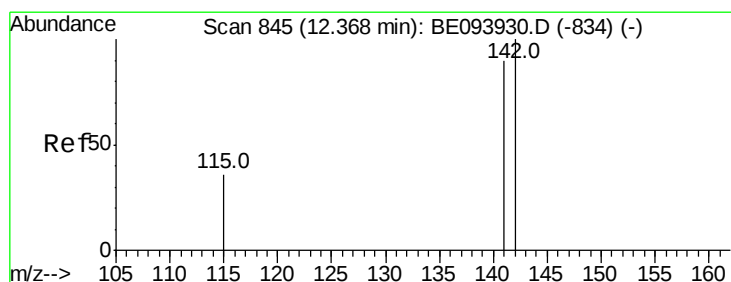
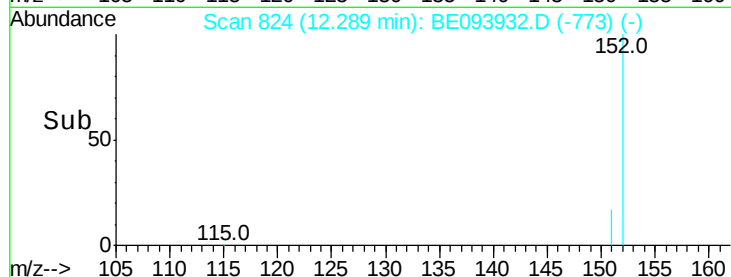
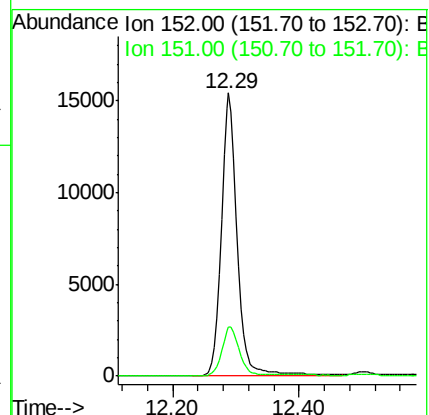
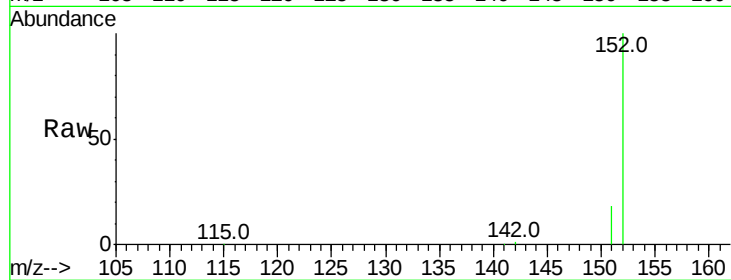
SSTDICC1.6

Tot 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

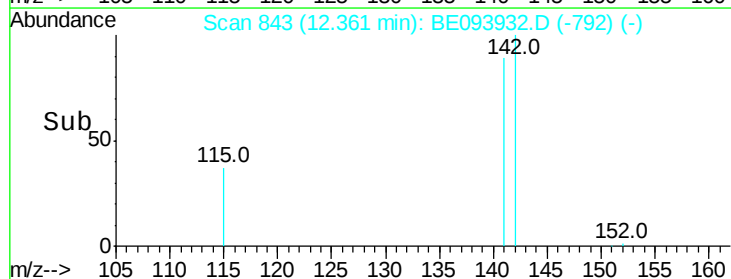
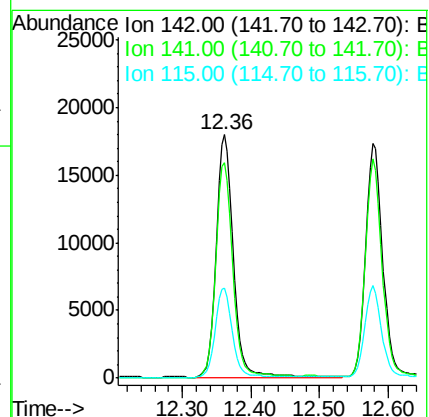
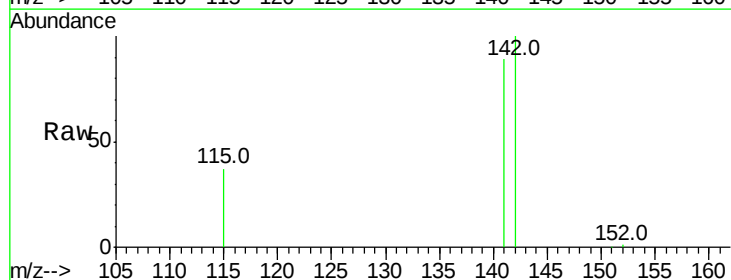
Tgt Ion:142 Resp: 31568

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

115 36.7 29.4 44.0

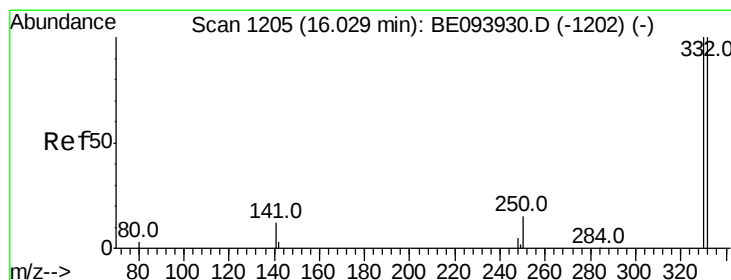
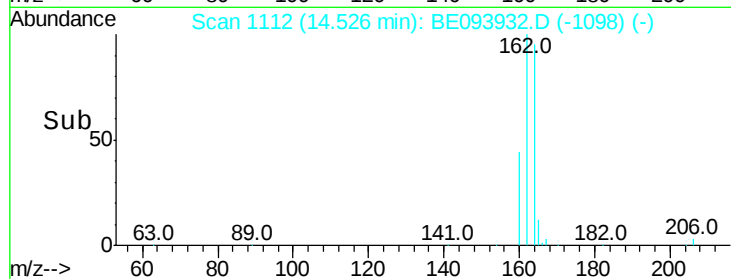
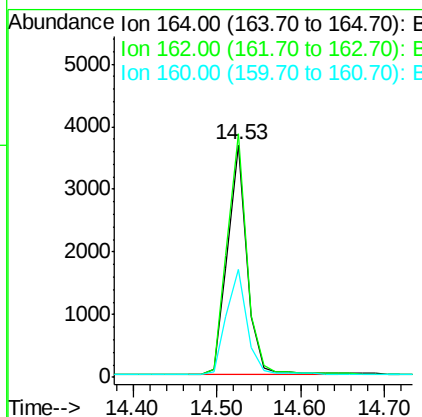
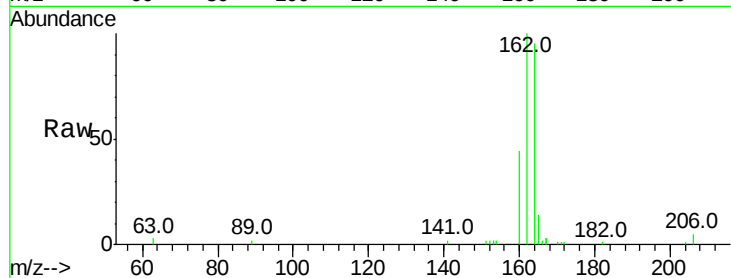




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

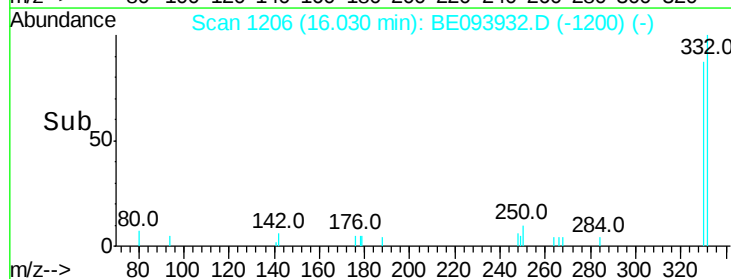
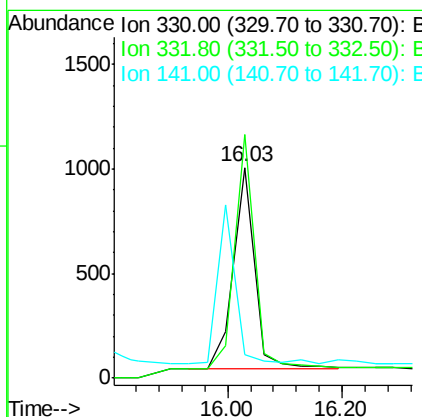
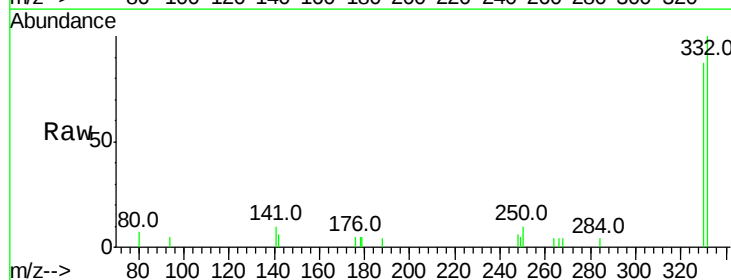
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

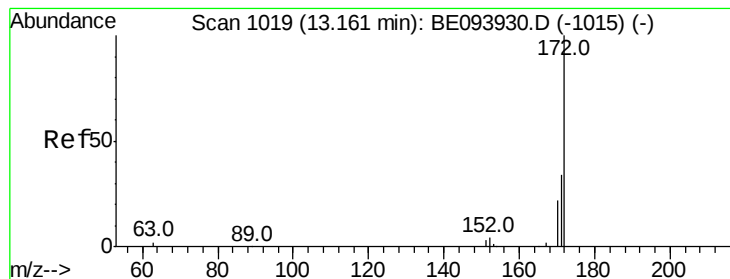
Tot Ion:164 Resp: 5842
 Ion Ratio Lower Upper
 164 100
 162 104.9 80.8 121.2
 160 46.4 37.0 55.4



#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





#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

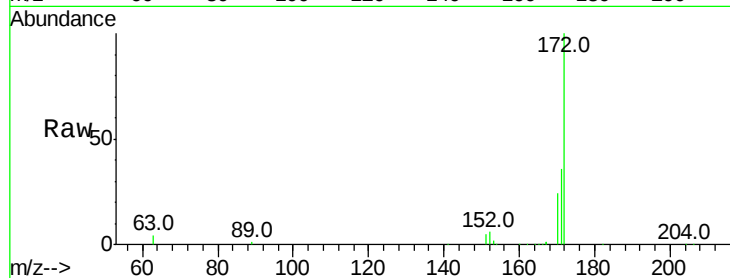
Tot Ion:172 Resp: 36548

Ion Ratio Lower Upper

172 100

171 36.0 26.9 40.3

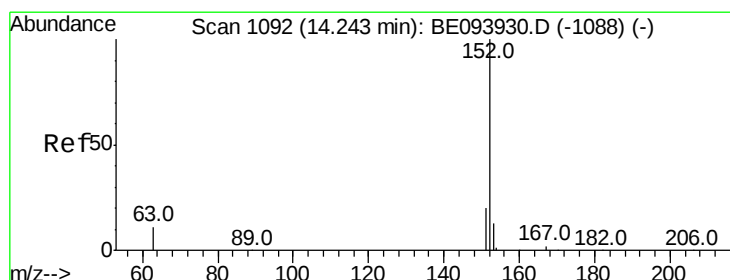
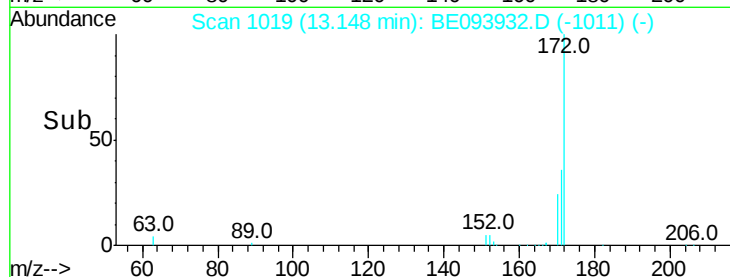
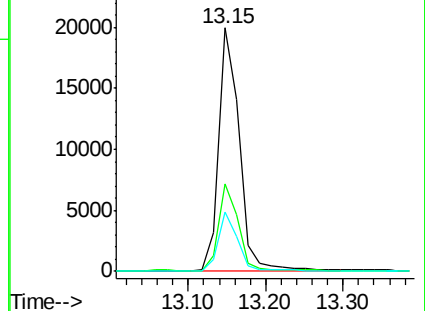
170 24.3 17.3 25.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 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

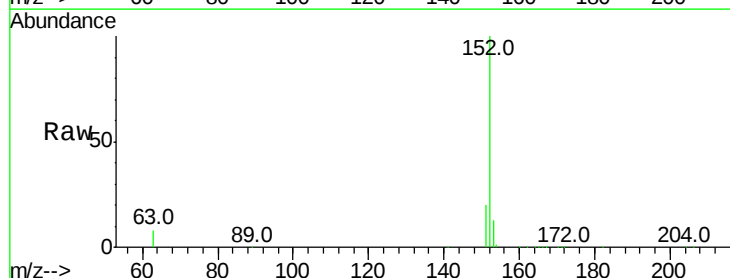
Tgt Ion:152 Resp: 48571

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

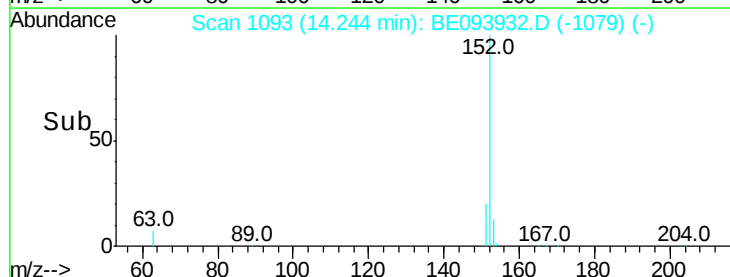
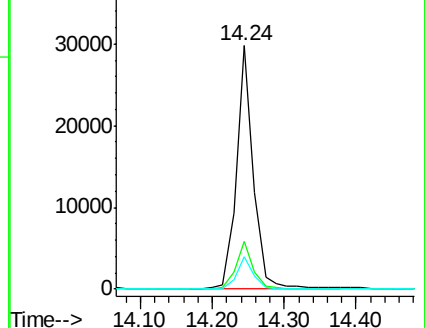
153 13.0 10.6 16.0

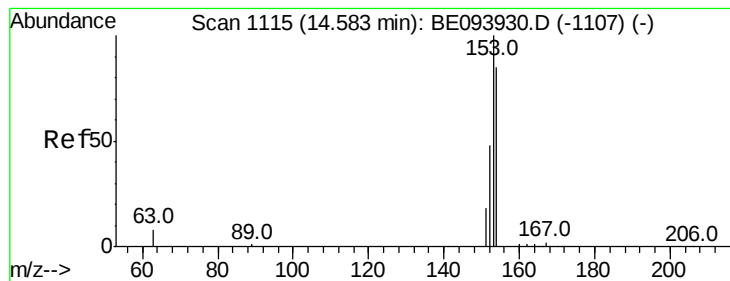


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 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

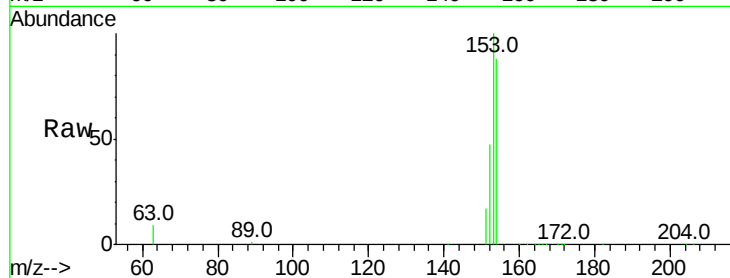
Tot Ion:154 Resp: 31430

Ion Ratio Lower Upper

154 100

153 113.0 91.8 137.6

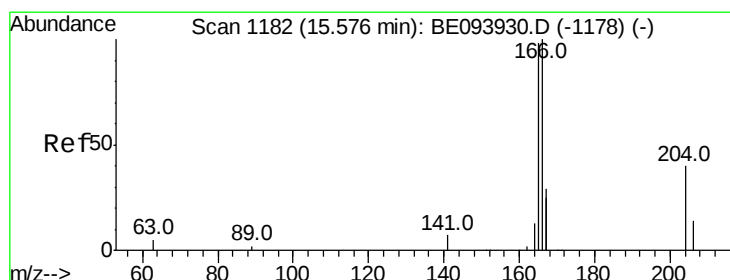
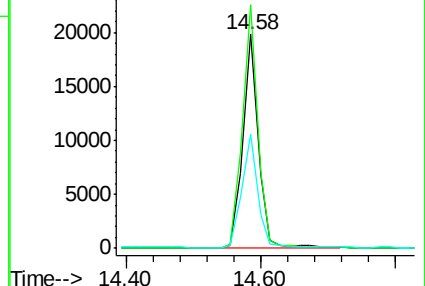
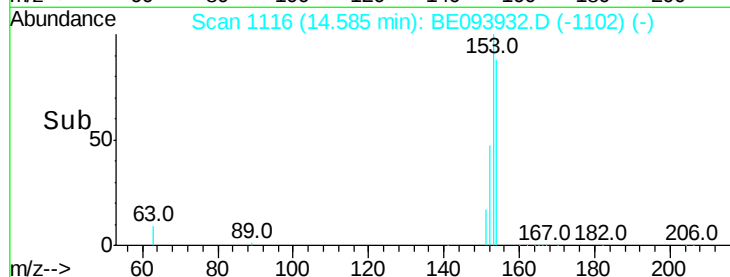
152 53.7 44.9 67.3



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

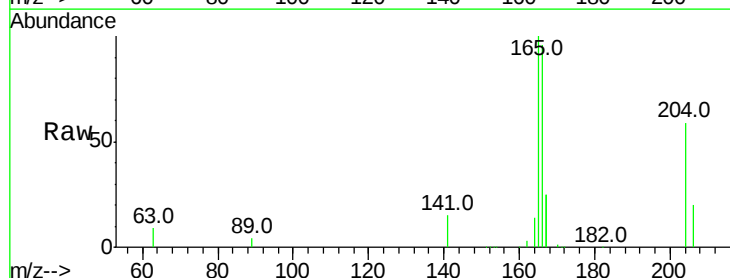
Tgt Ion:166 Resp: 40160

Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.0

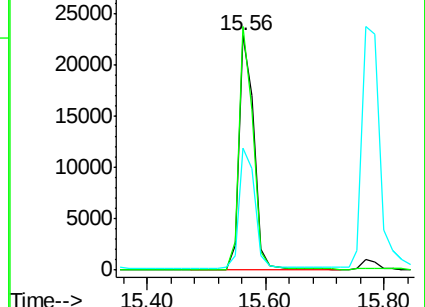
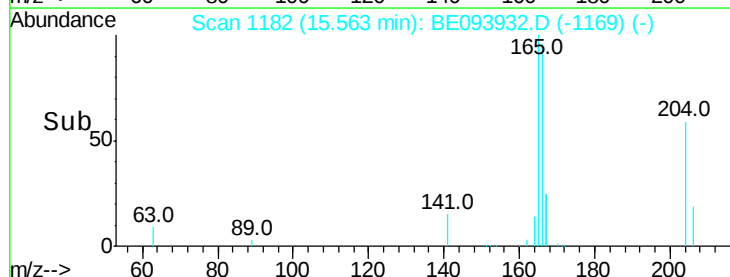
167 54.1 43.5 65.3

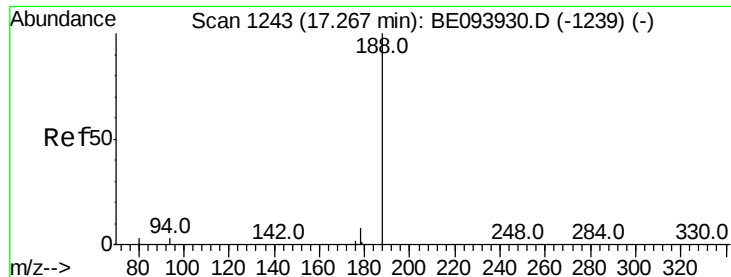


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

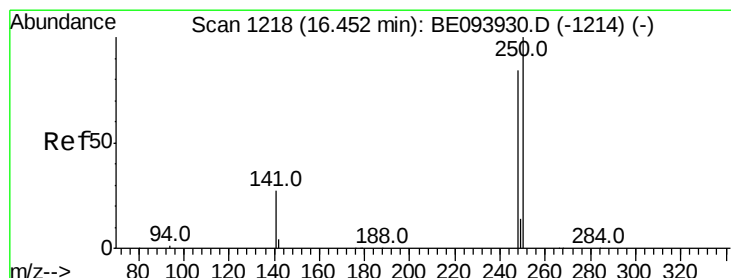
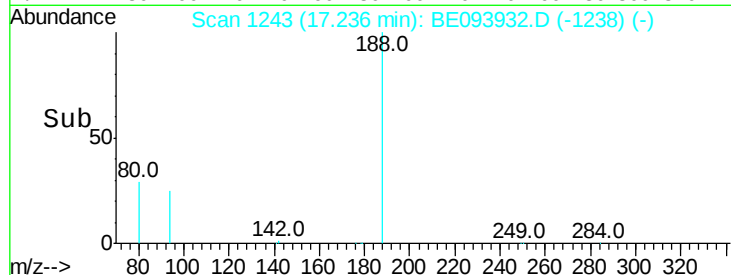
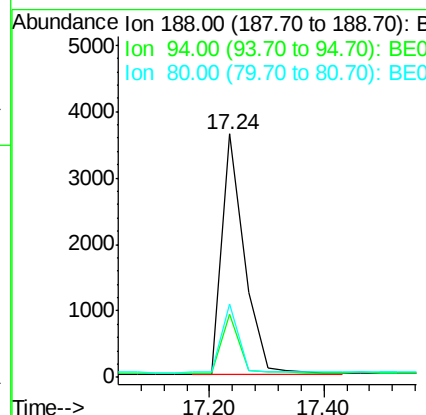
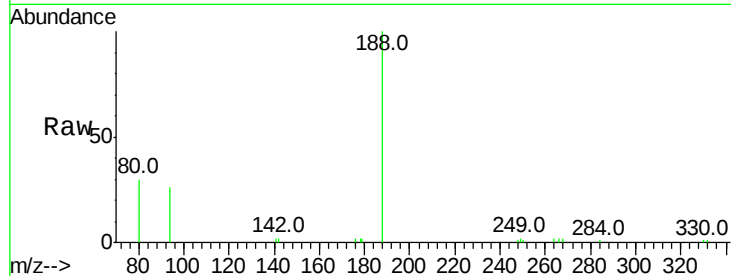




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

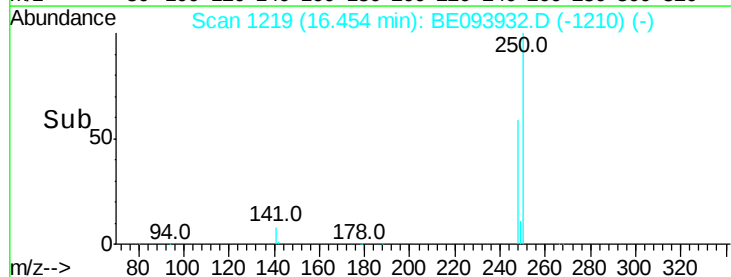
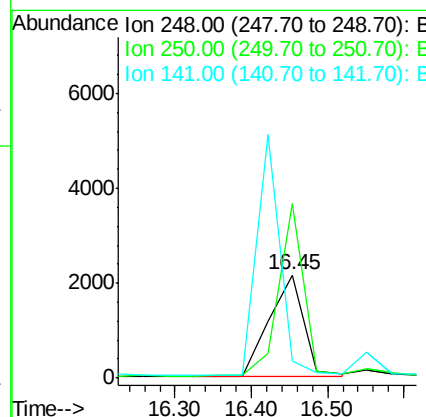
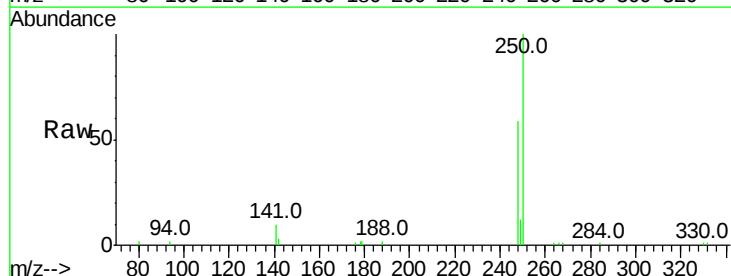
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:188 Resp: 9857
Ion Ratio Lower Upper
188 100
94 26.2 16.1 24.1#
80 30.2 18.2 27.2#



#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#

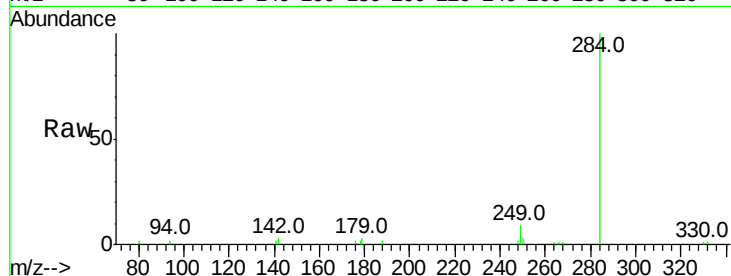




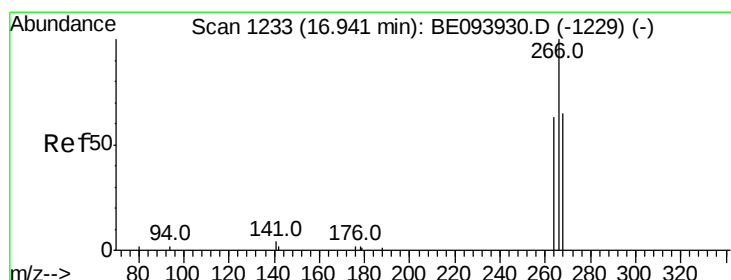
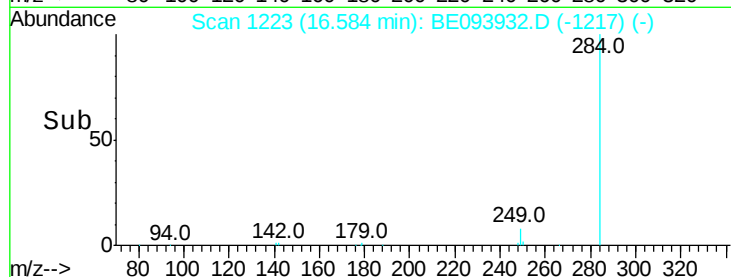
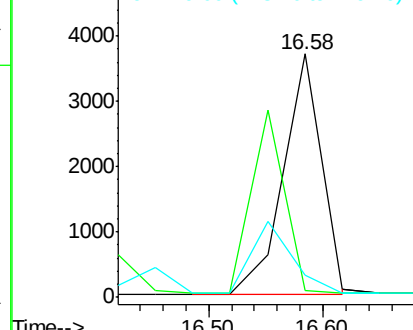
#21
Hexachlorobenzene
Concen: 2.388 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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

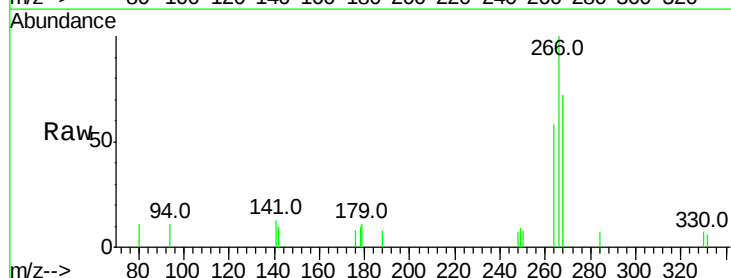


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

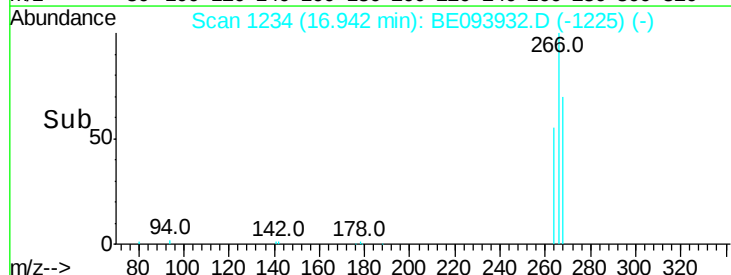
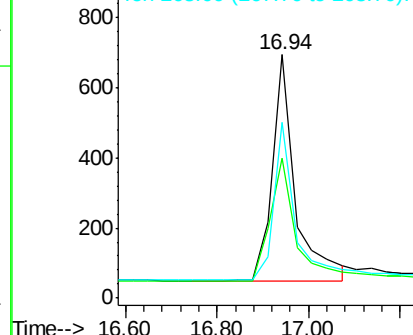


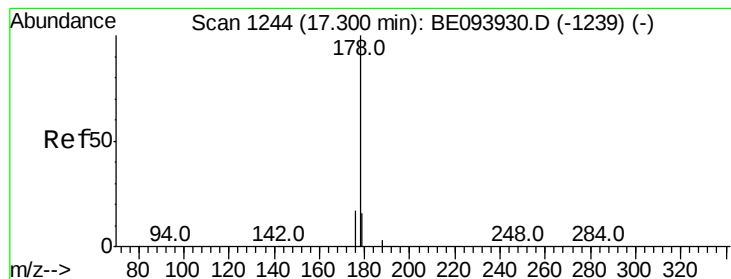
#22
Pentachlorophenol
Concen: 1.475 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093932.D
Acq: 5 Sep 2017 11:58

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

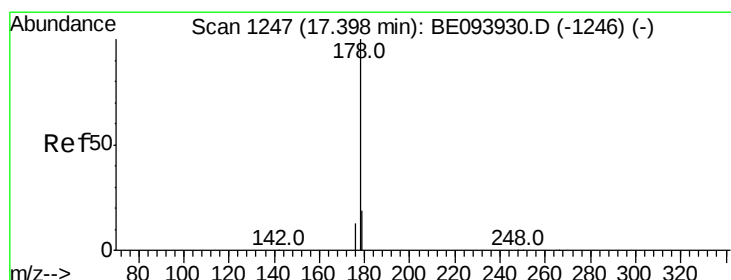
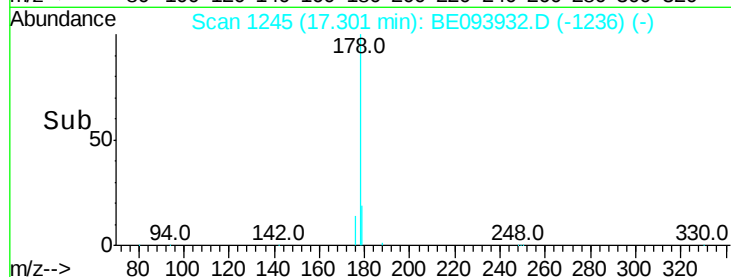
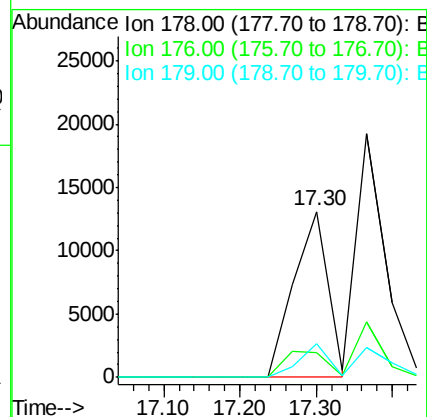
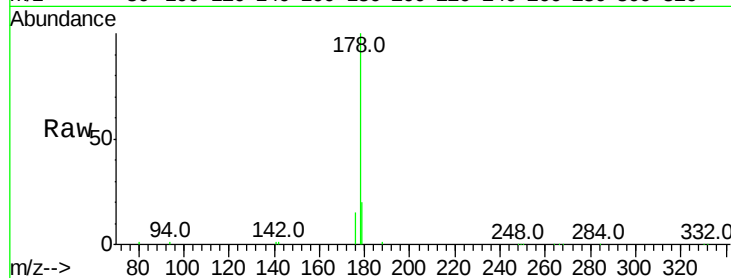
Tot Ion:178 Resp: 40668

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

179 16.4 12.6 18.8



#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

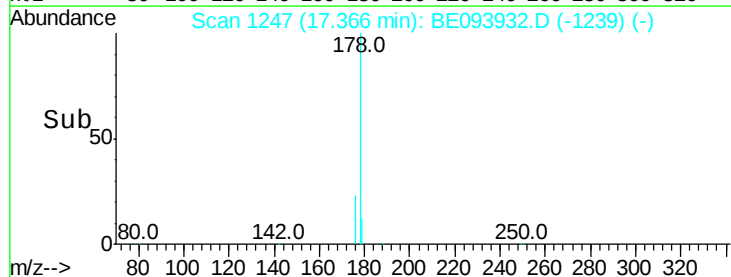
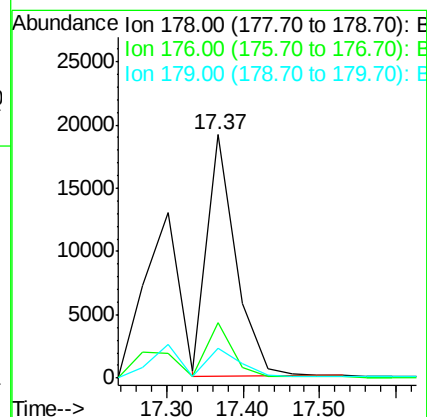
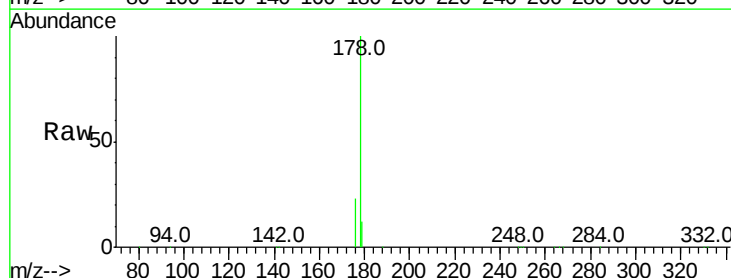
Tgt Ion:178 Resp: 50090

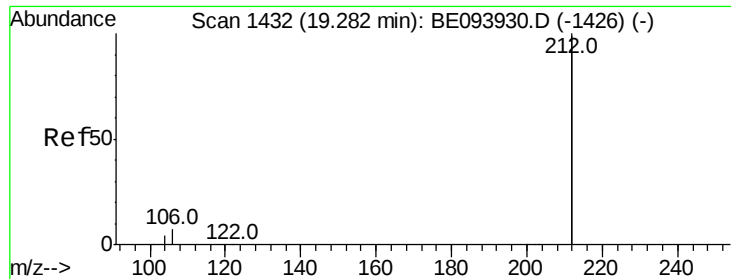
Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

179 0.0 0.0 0.0





#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

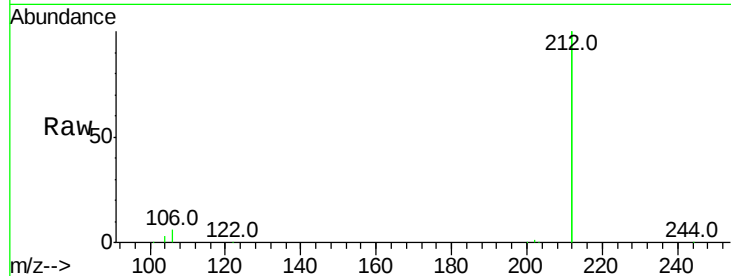
Tot Ion:212 Resp: 249317

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

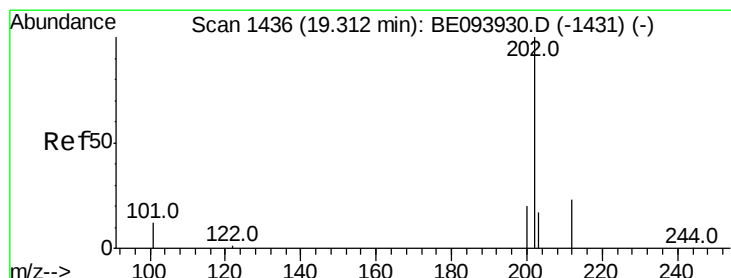
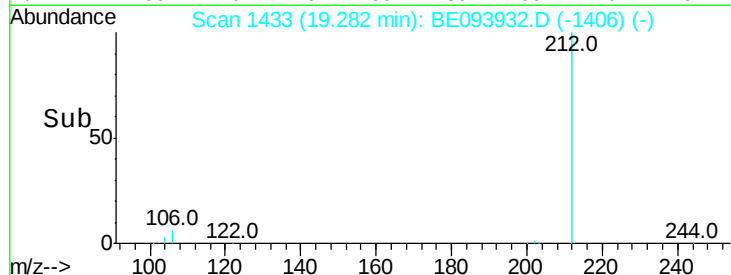
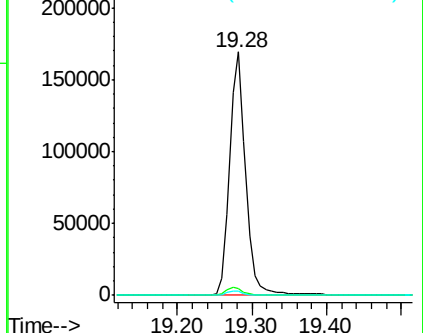
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 2.173 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE093932.D

Acq: 5 Sep 2017 11:58

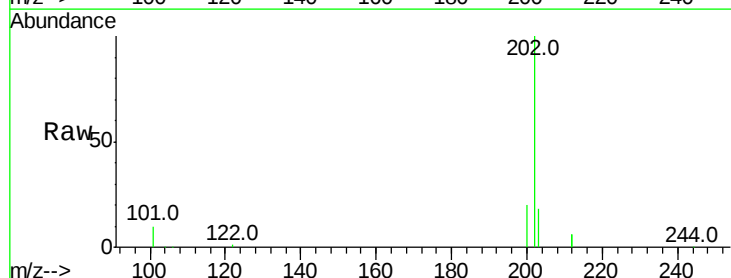
Tgt Ion:202 Resp: 74587

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

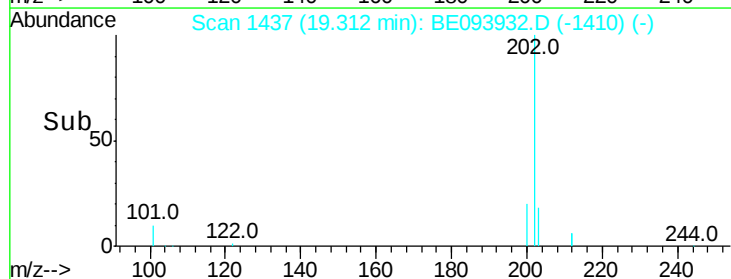
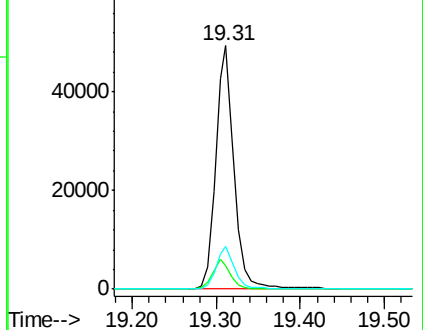
203 17.1 13.7 20.5



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

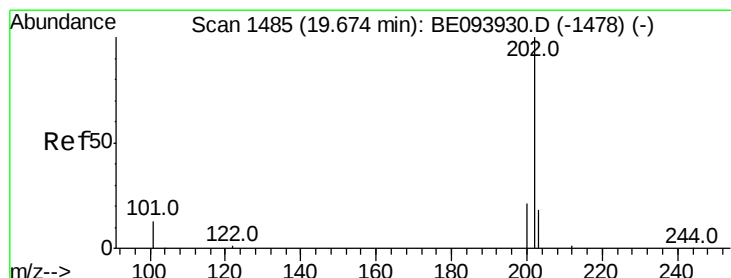
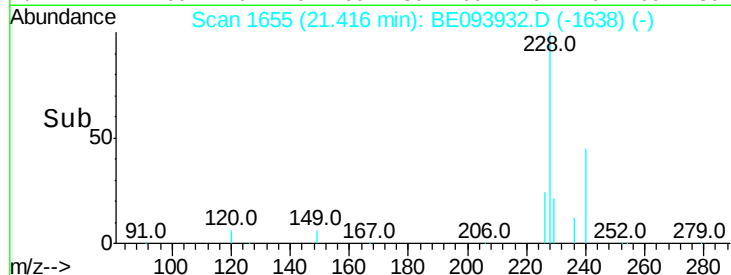
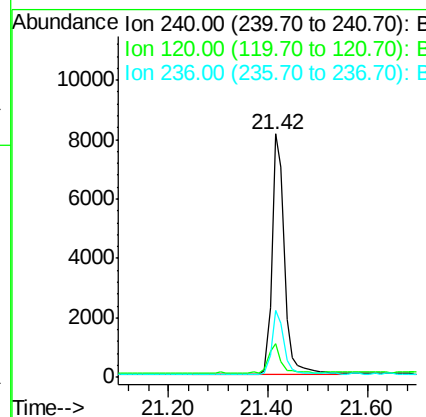
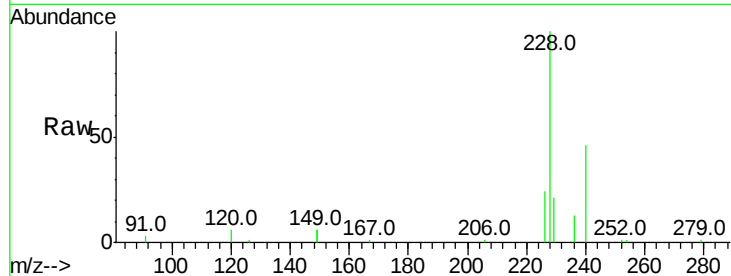




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

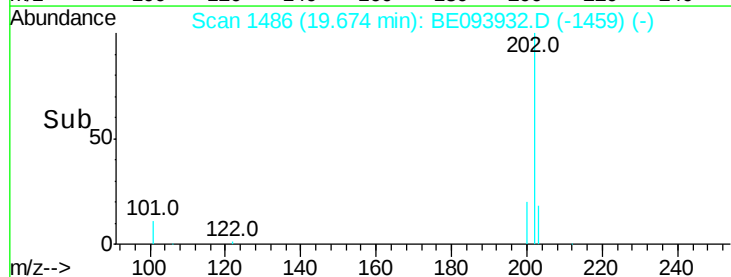
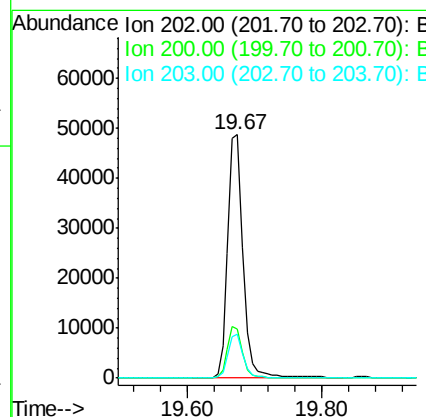
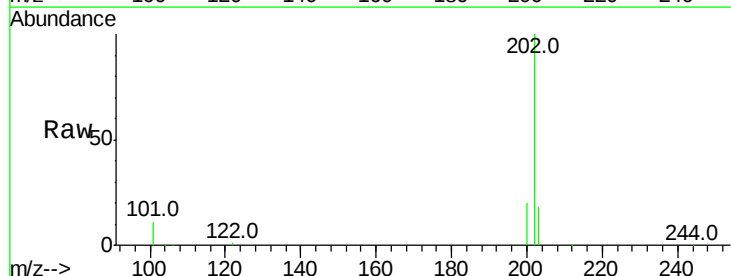
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

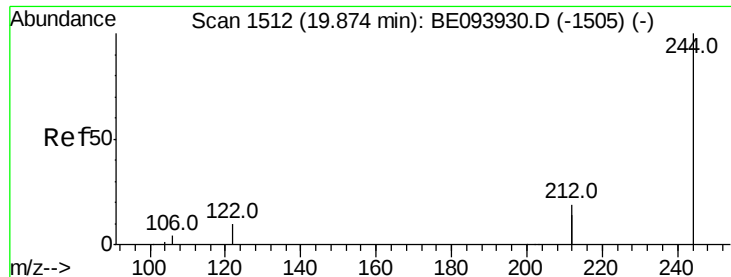
Tot Ion:240 Resp: 14156
 Ion Ratio Lower Upper
 240 100
 120 14.0 8.7 13.1#
 236 27.6 21.3 31.9



#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





#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

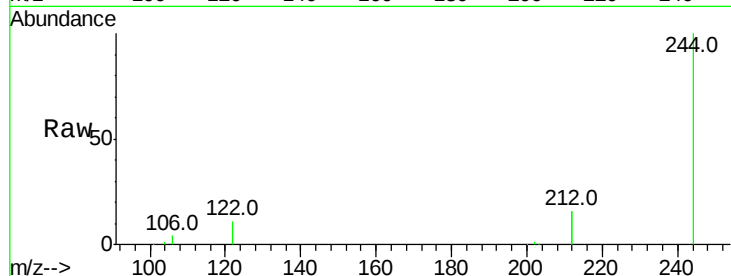
Tot Ion:244 Resp: 41342

Ion Ratio Lower Upper

244 100

212 32.8 28.3 42.5

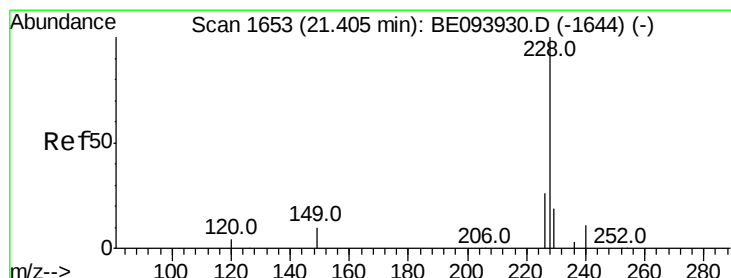
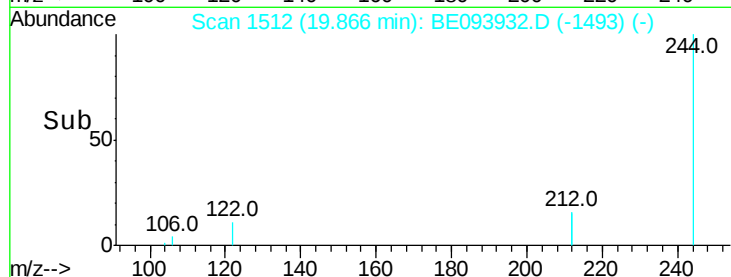
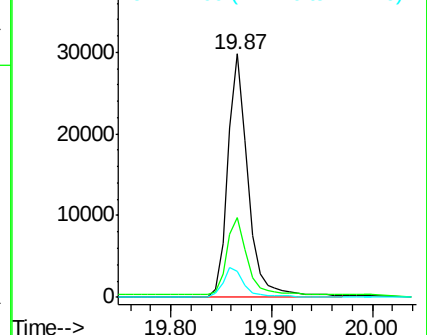
122 10.9 9.4 14.0



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

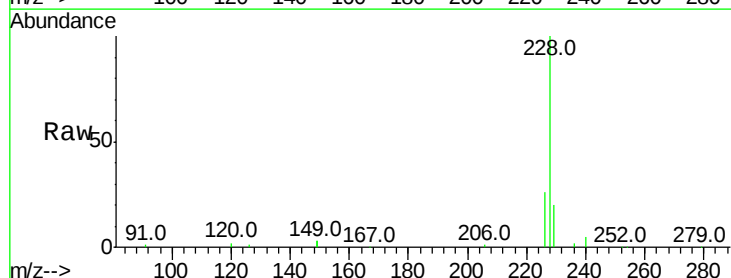
Tgt Ion:228 Resp: 68767

Ion Ratio Lower Upper

228 100

226 26.1 20.8 31.2

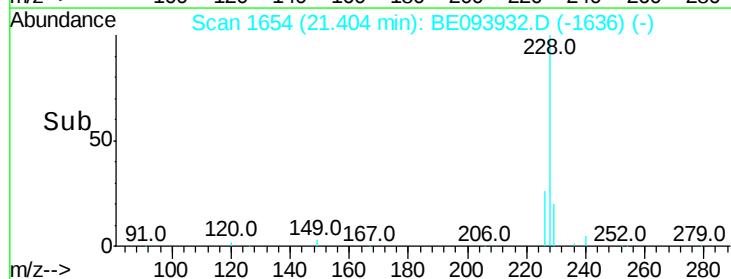
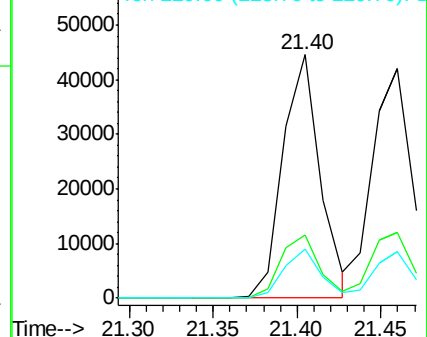
229 20.3 16.6 25.0

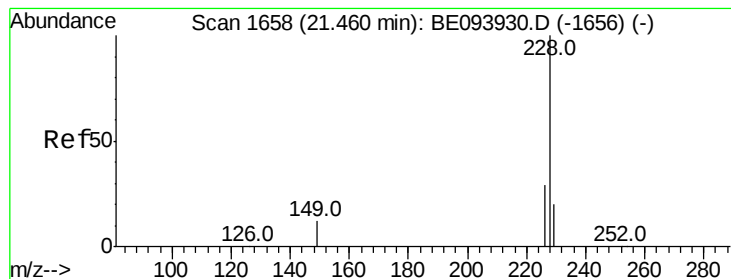


Abundance Ion 228.00 (227.70 to 228.70): E

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

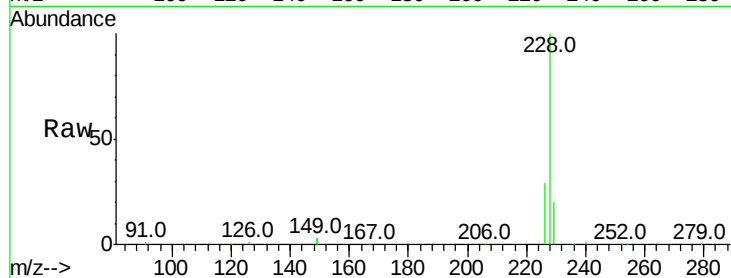
Tot Ion:228 Resp: 73625

Ion Ratio Lower Upper

228 100

226 28.6 24.6 37.0

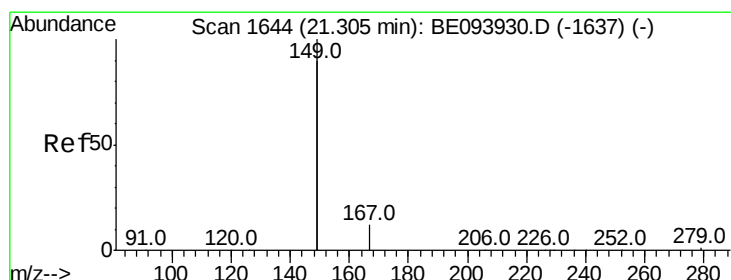
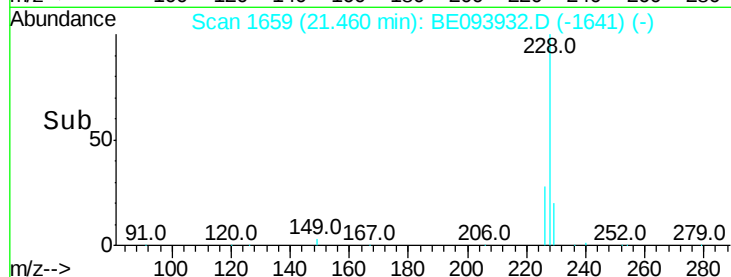
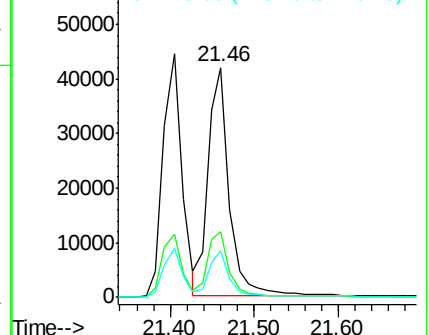
229 20.4 15.8 23.8



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

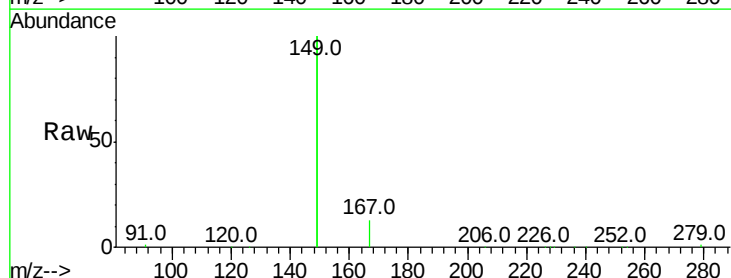
Tgt Ion:149 Resp: 153524

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

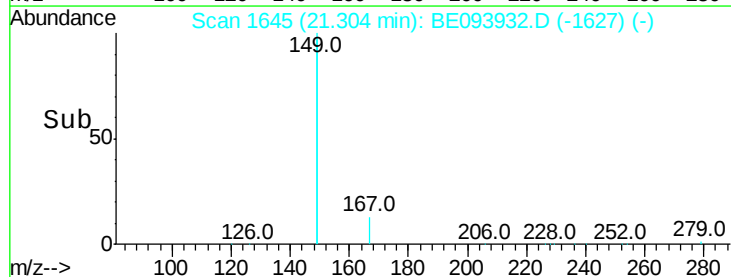
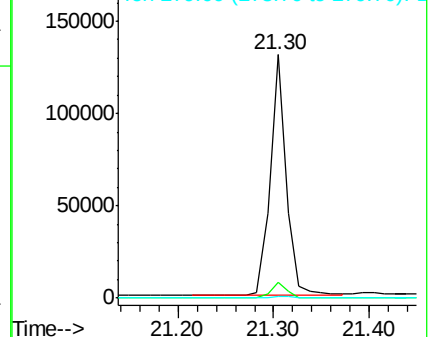
279 0.9 0.7 1.1



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

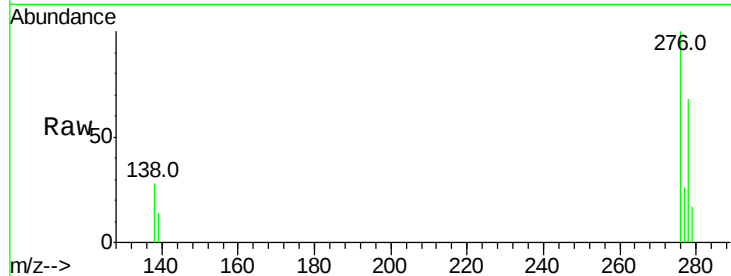




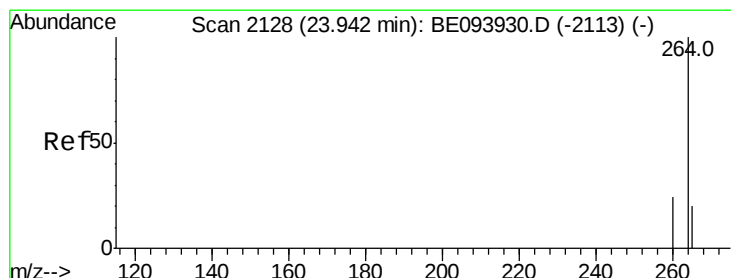
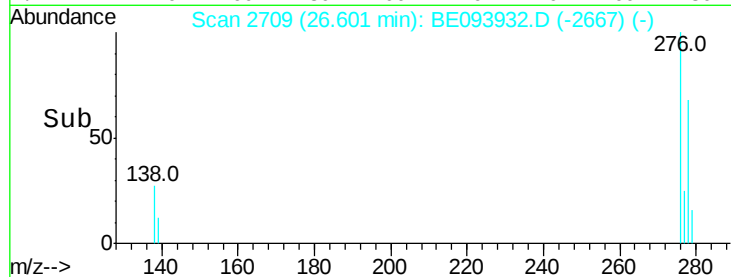
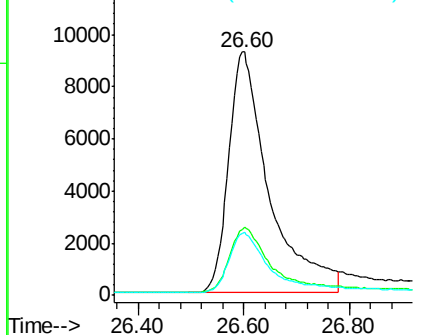
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.544 ng
 RT: 26.60 min Scan# 2709
 Delta R.T. -0.01 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

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

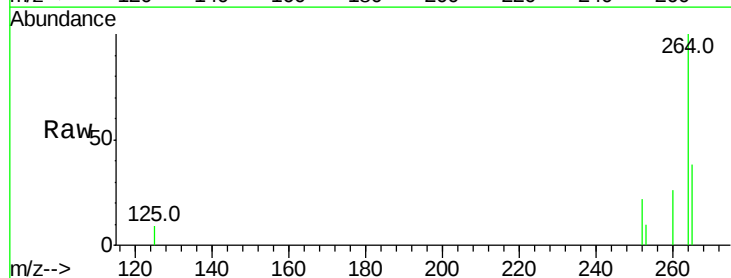


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

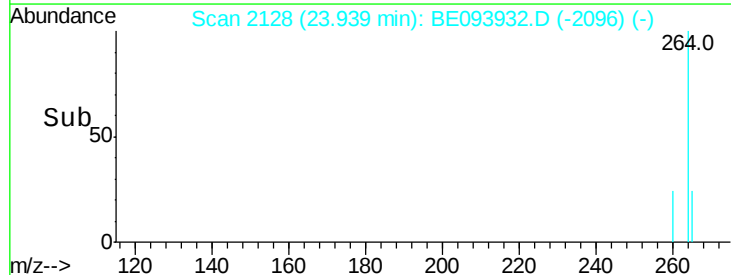
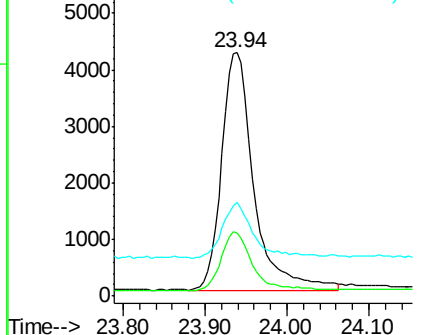


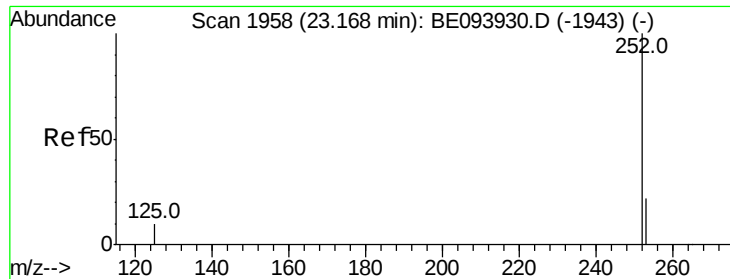
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093932.D
 Acq: 5 Sep 2017 11:58

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#



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: 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

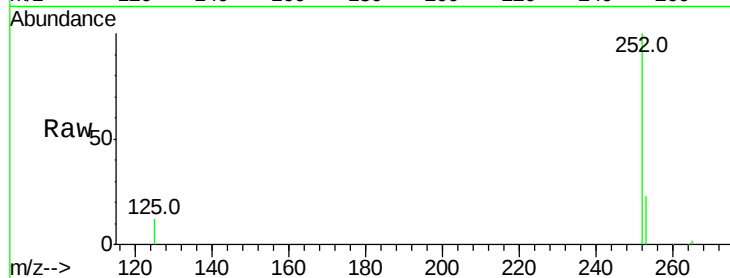
Tot Ion:252 Resp: 61182

Ion Ratio Lower Upper

252 100

253 22.7 19.4 29.0

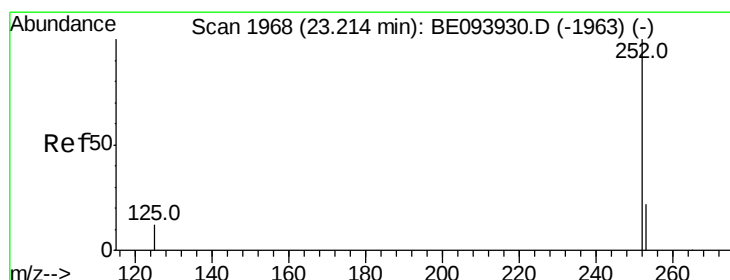
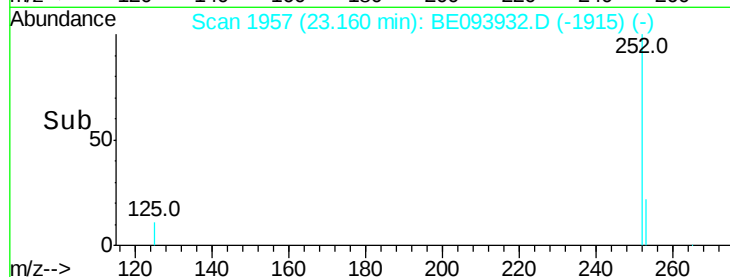
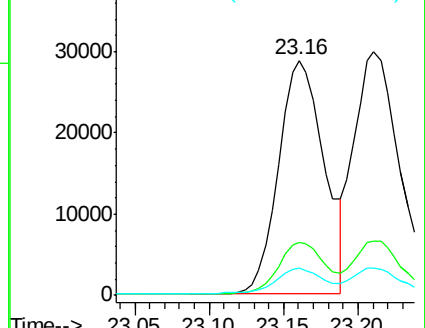
125 11.6 10.0 15.0



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

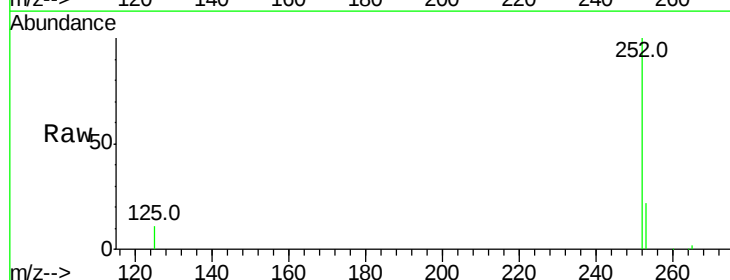
Tgt Ion:252 Resp: 71937

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

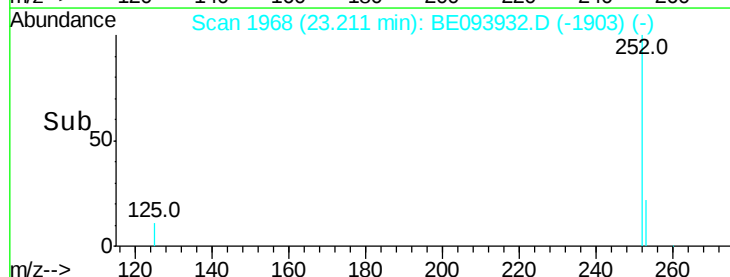
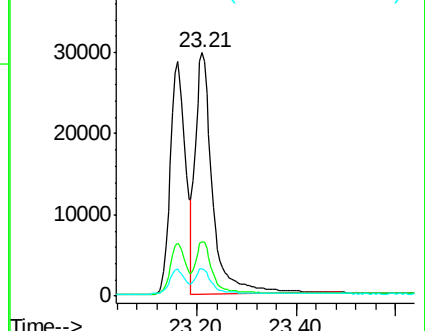
125 11.4 9.8 14.6



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

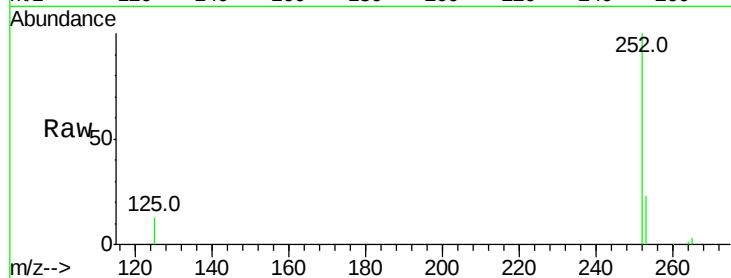
Tot Ion:252 Resp: 60145

Ion Ratio Lower Upper

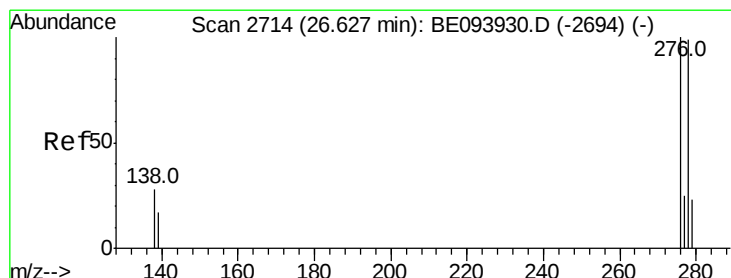
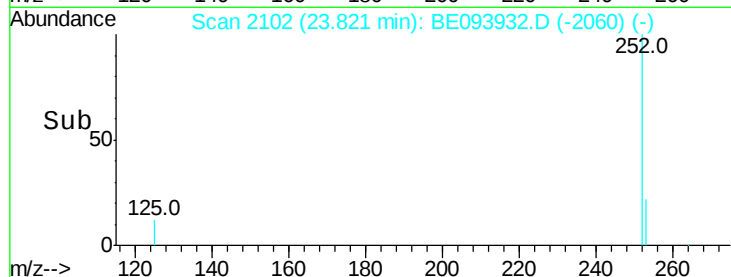
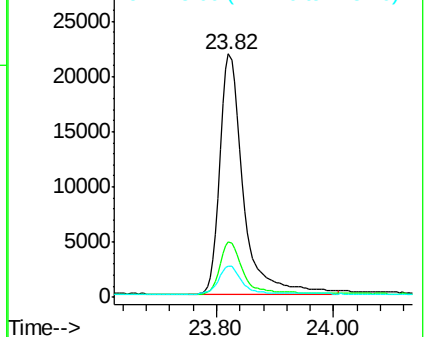
252 100

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

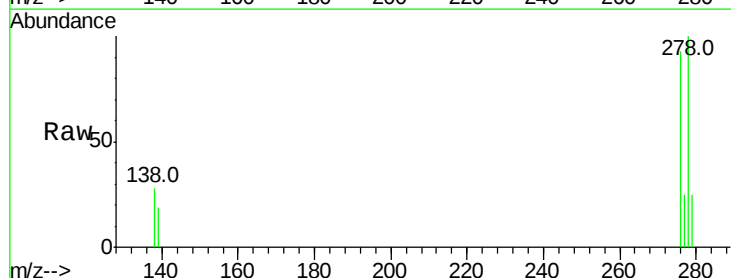
Tgt Ion:278 Resp: 41837

Ion Ratio Lower Upper

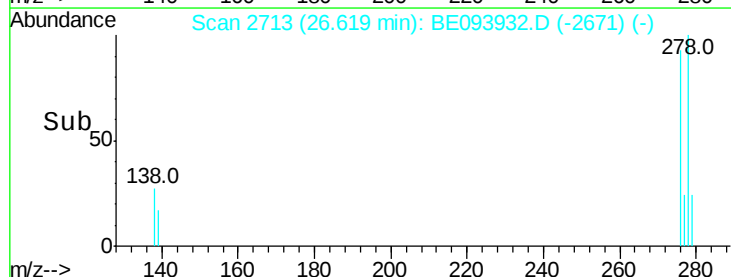
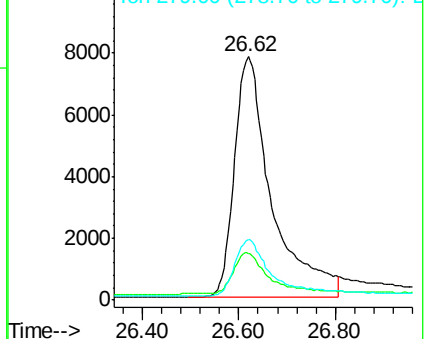
278 100

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(a,h,i)perylene

Concen: 1.513 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093932.D

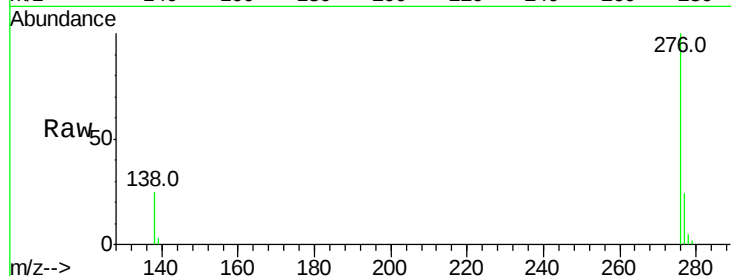
Acq: 5 Sep 2017 11:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



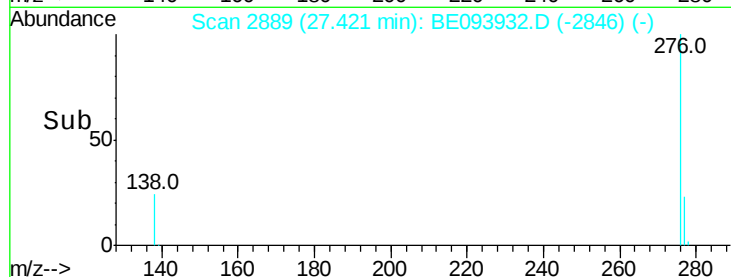
Tot Ion:276 Resp: 42274

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

