

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
 Data File : BE093933.D
 Acq On : 5 Sep 2017 12:34
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Sep 05 13:21:34 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	1879	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10318	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5910	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	10637	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	14540	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11895	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	19817	3.43	ng	0.00
5) Phenol-d6	7.11	99	31055	3.51	ng	0.00
8) Nitrobenzene-d5	9.06	82	29103	3.39	ng	-0.02
11) 2-Methylnaphthalene-d10	12.29	152	52672	3.23	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	4757	3.00	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	71651	3.05	ng	-0.01
25) Fluoranthene-d10	19.28	212	510722	4.16	ng	0.00
29) Terphenyl-d14	19.86	244	84815	3.22	ng	-0.01

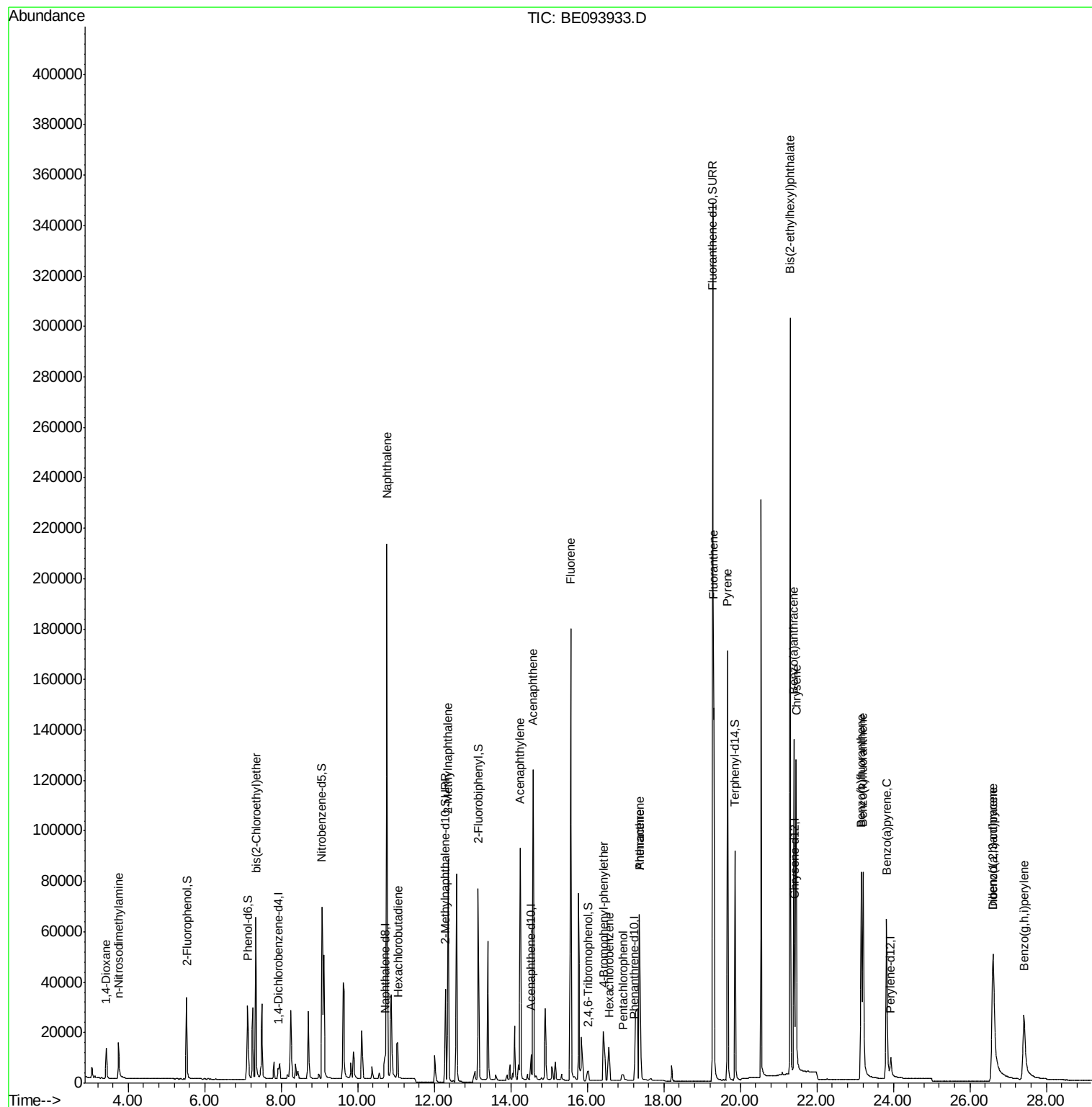
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	7415	2.872	ng	93
3) n-Nitrosodimethylamine	3.74	42	10617	3.694	ng	# 97
6) bis(2-Chloroethyl)ether	7.34	93	23931	3.513	ng	95
9) Naphthalene	10.76	128	368081	3.133	ng	99
10) Hexachlorobutadiene	11.04	225	13207	3.184	ng	98
12) 2-Methylnaphthalene	12.36	142	63189	3.218	ng	100
16) Acenaphthylene	14.24	152	101175	3.459	ng	100
17) Acenaphthene	14.58	154	61990	3.143	ng	99
18) Fluorene	15.56	166	81729	3.203	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	12189	2.768	ng	# 1
21) Hexachlorobenzene	16.58	284	15916	4.148	ng	# 100
22) Pentachlorophenol	16.94	266	4805	2.882	ng	93
23) Phenanthrene	17.37	178	192249	7.109	ng	# 81
24) Anthracene	17.37	178	192623	5.974	ng	# 99
26) Fluoranthene	19.30	202	152141	4.107	ng	100
28) Pyrene	19.67	202	158798	3.246	ng	100
30) Benzo(a)anthracene	21.40	228	142185	3.293	ng	100
31) Chrysene	21.46	228	147456	3.074	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	321060	3.527	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	102183	3.121	ng	99
35) Benzo(b)fluoranthene	23.16	252	124347	3.275	ng	96
36) Benzo(k)fluoranthene	23.21	252	148297	3.417	ng	99
37) Benzo(a)pyrene	23.82	252	123210	3.269	ng	95
38) Dibenzo(a,h)anthracene	26.61	278	86558	3.253	ng	95
39) Benzo(g,h,i)perylene	27.41	276	86379	2.980	ng	95

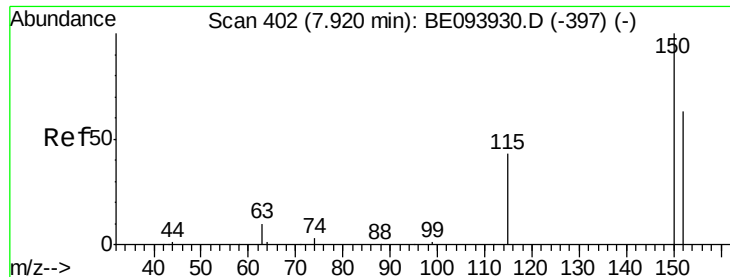
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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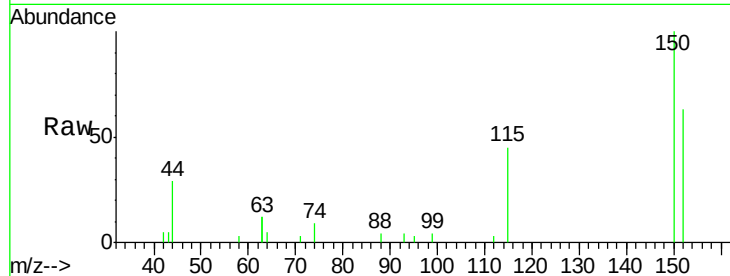


#1

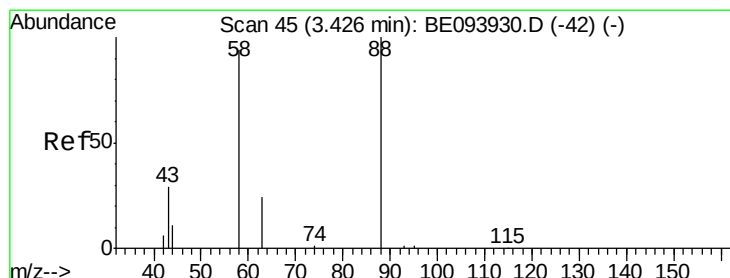
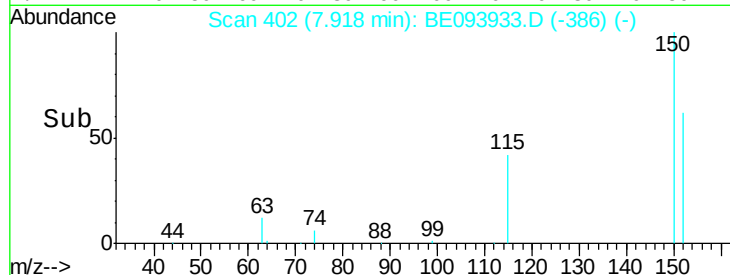
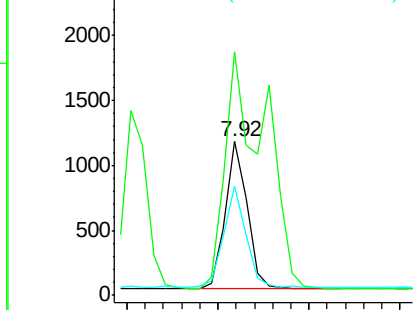
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1879
Ion Ratio Lower Upper
152 100
150 158.5 121.8 182.6
115 70.8 52.6 79.0



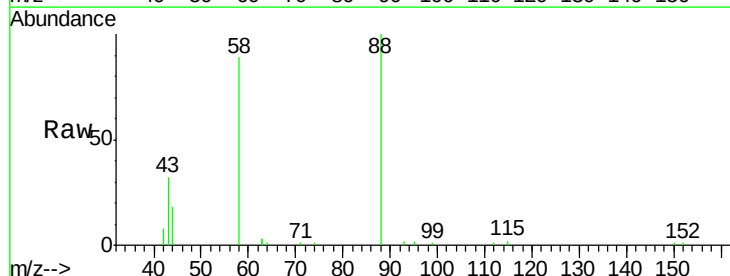
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



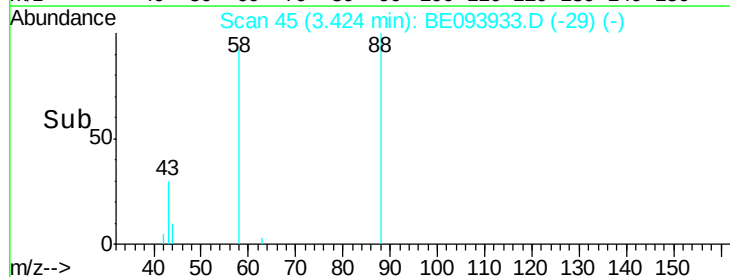
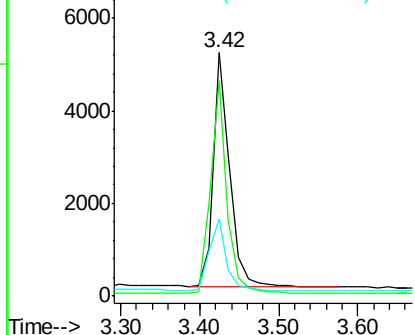
#2

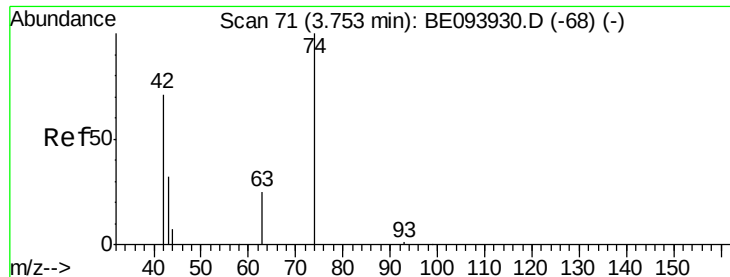
1,4-Dioxane
Concen: 2.872 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion: 88 Resp: 7415
Ion Ratio Lower Upper
88 100
58 89.5 65.4 98.0
43 30.9 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: 3.694 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

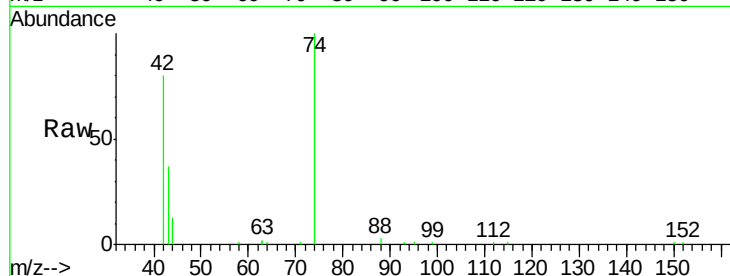
Tgt Ion: 42 Resp: 10617

Ion Ratio Lower Upper

42 100

74 129.3 104.0 156.0

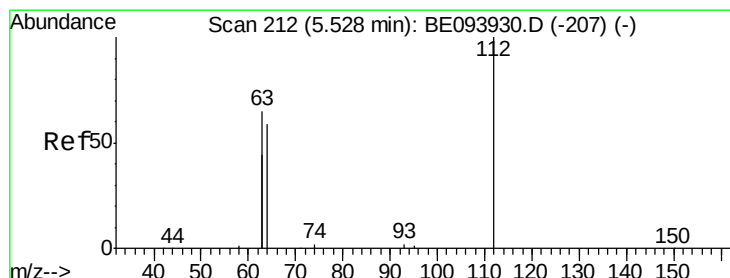
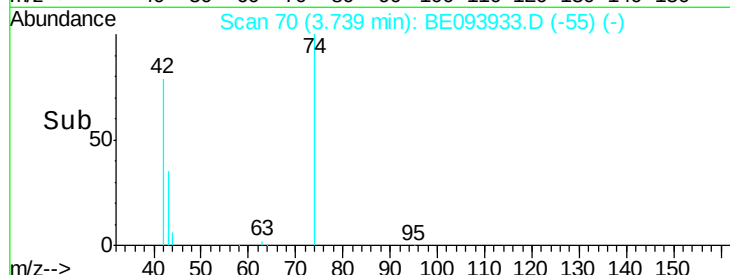
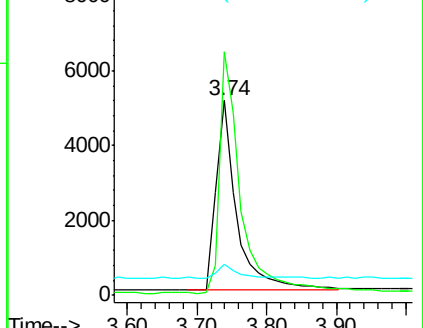
44 6.8 13.8 20.8#



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: 3.426 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

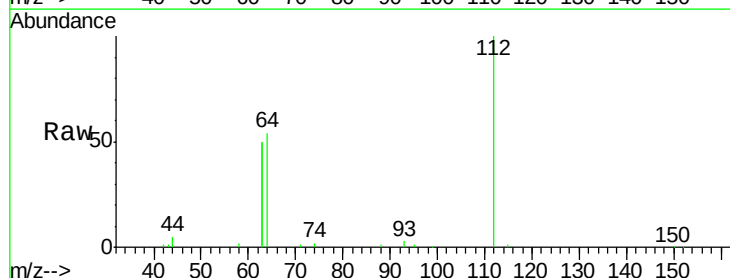
Tgt Ion: 112 Resp: 19817

Ion Ratio Lower Upper

112 100

64 71.5 57.7 86.5

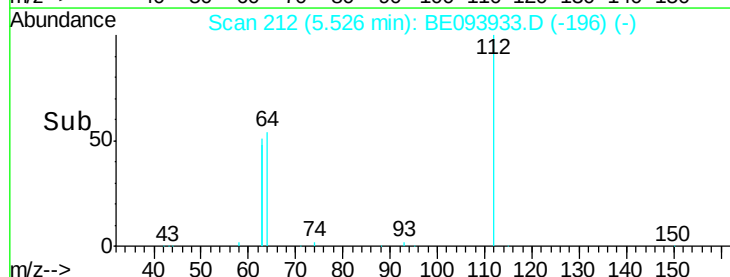
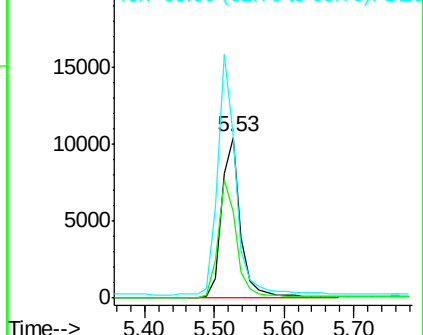
63 143.0 116.0 174.0

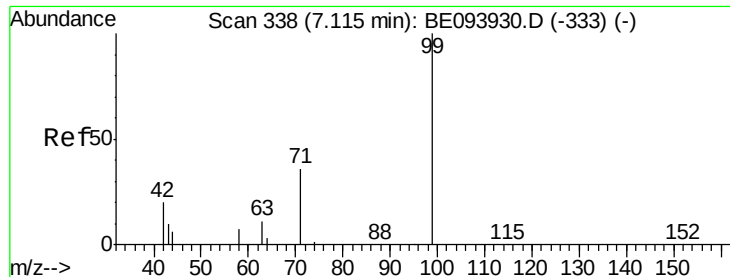


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.513 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

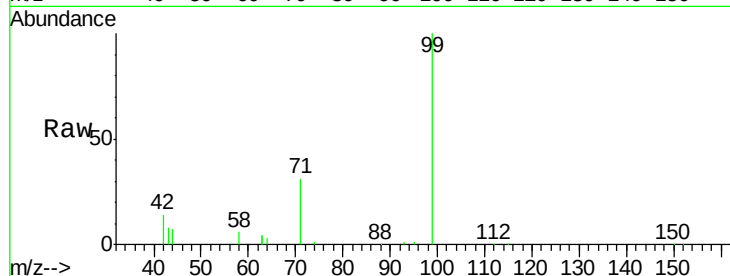
Tgt Ion: 99 Resp: 31055

Ion Ratio Lower Upper

99 100

42 20.6 17.1 25.7

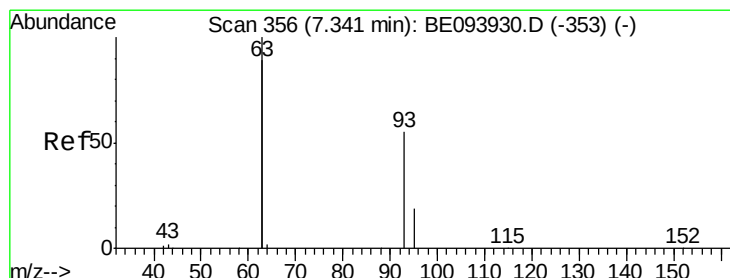
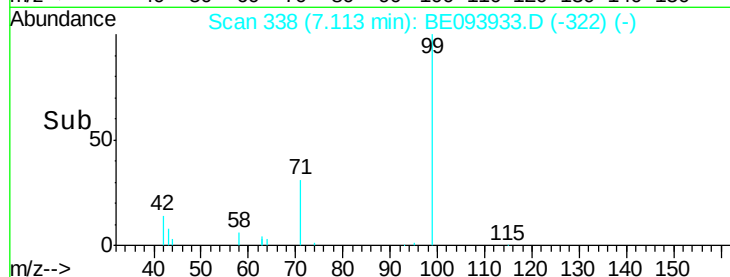
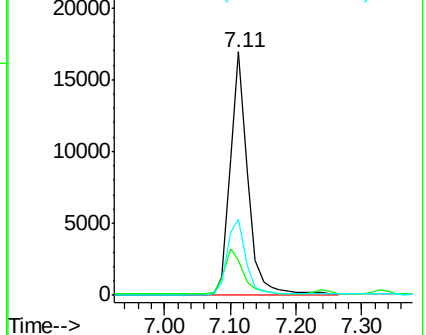
71 34.0 26.6 39.8



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: 3.513 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

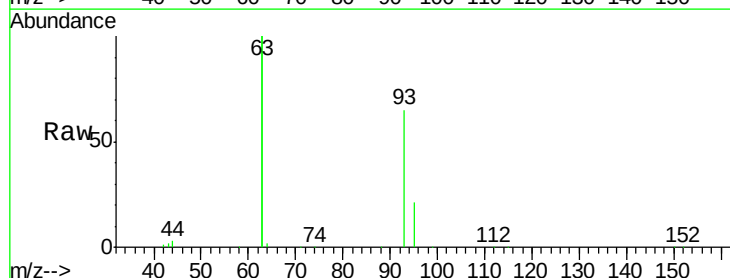
Tgt Ion: 93 Resp: 23931

Ion Ratio Lower Upper

93 100

63 341.9 283.4 425.2

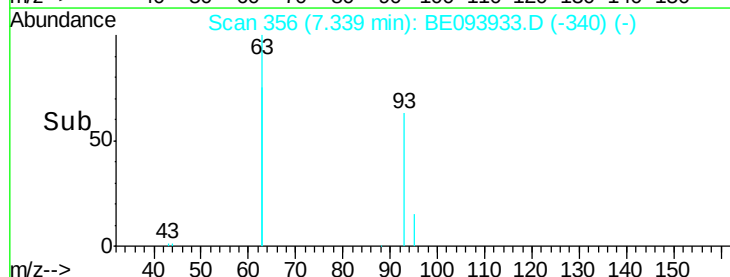
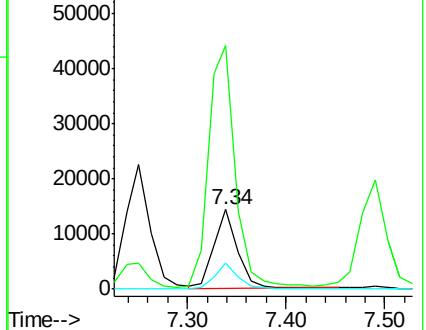
95 31.5 26.9 40.3

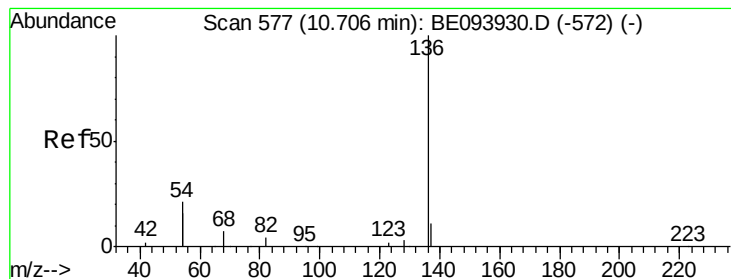


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 136 Resp: 10318

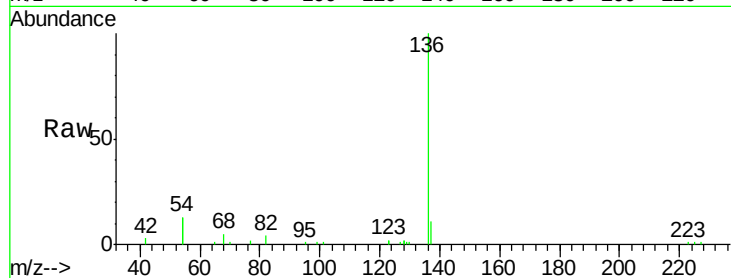
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 26.0 21.9 32.9

68 5.4 4.6 7.0

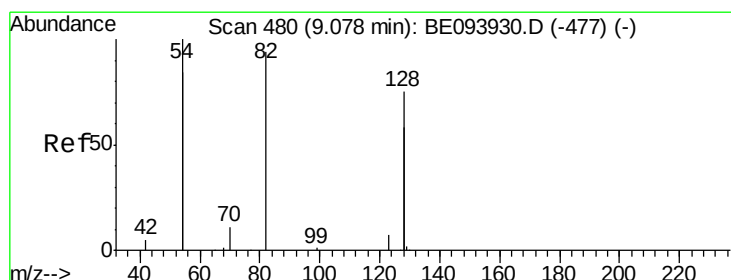
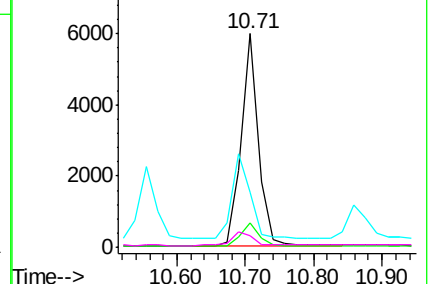
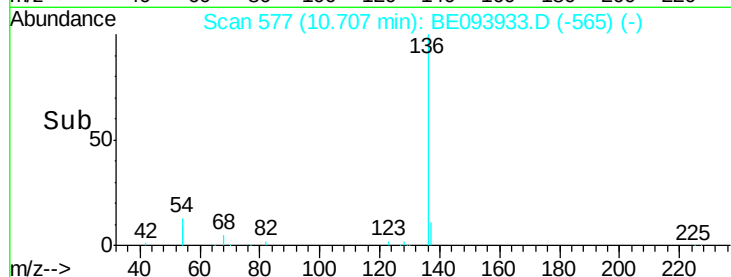


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.388 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

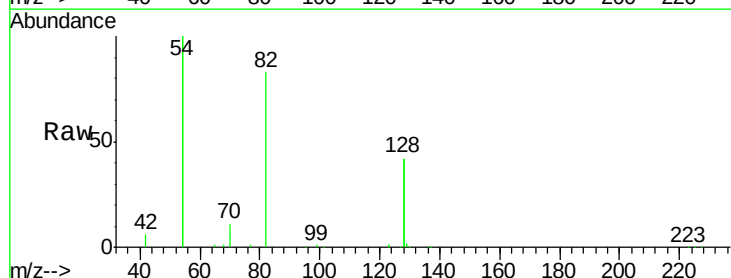
Tgt Ion: 82 Resp: 29103

Ion Ratio Lower Upper

82 100

128 101.1 91.4 137.0

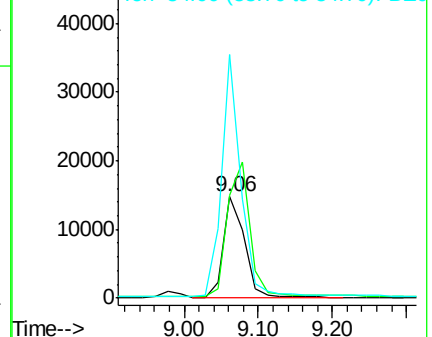
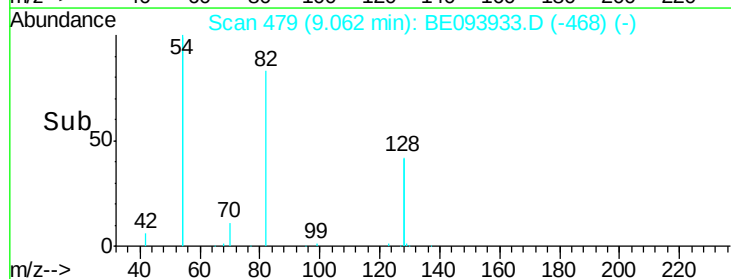
54 240.2 197.8 296.8

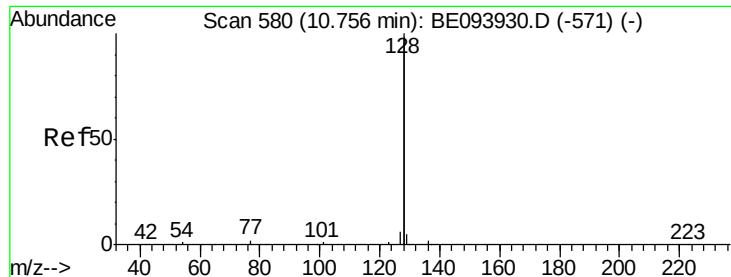


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.133 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

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ClientSampleId :

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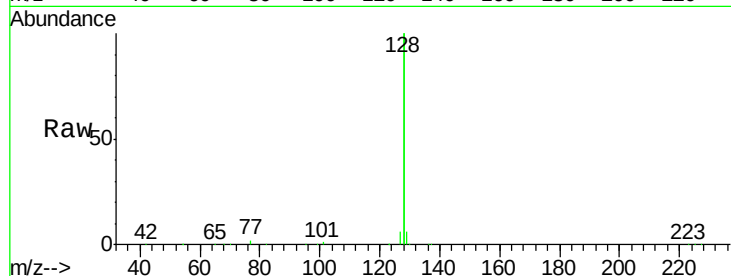
Tgt Ion:128 Resp: 368081

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

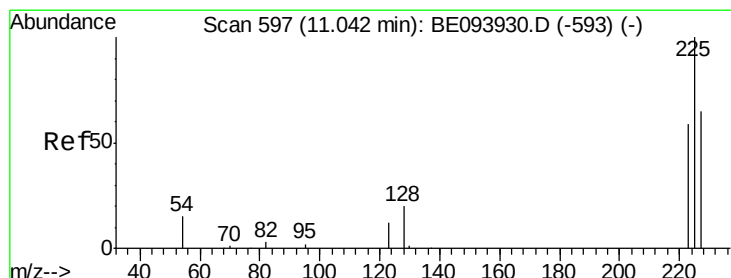
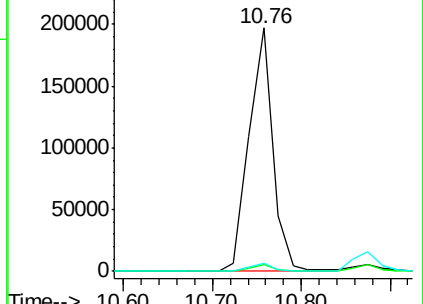
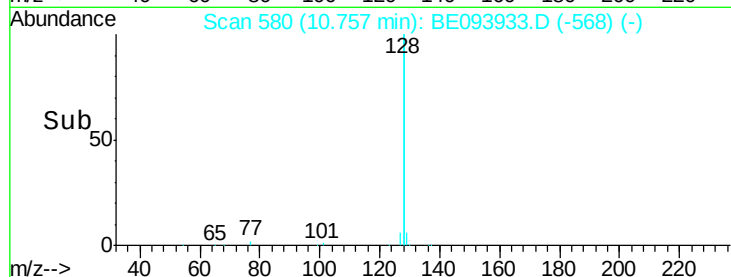
127 3.1 2.6 4.0



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: 3.184 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

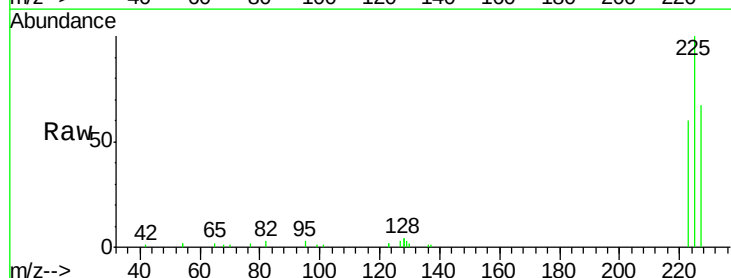
Tgt Ion:225 Resp: 13207

Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.0

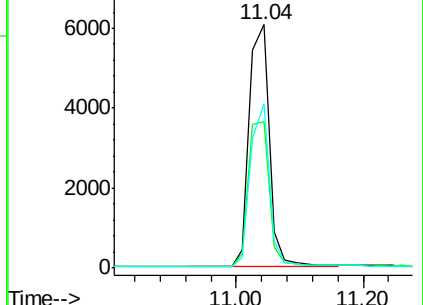
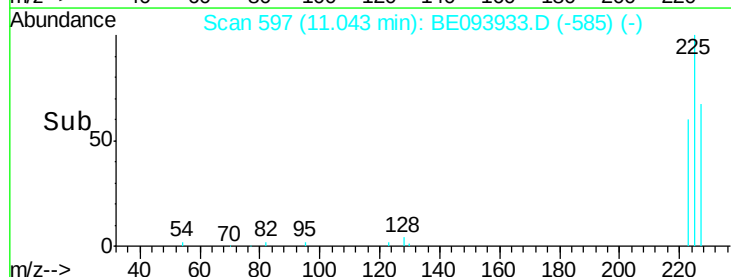
227 64.2 50.5 75.7

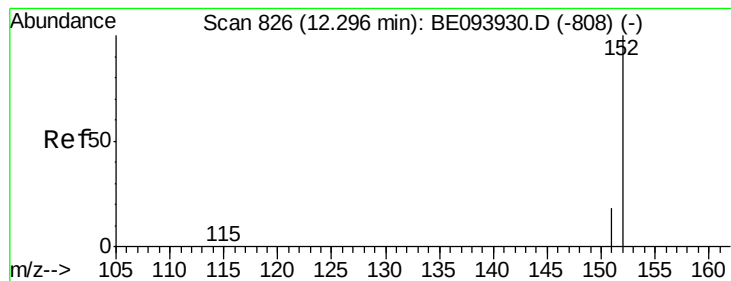


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.228 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

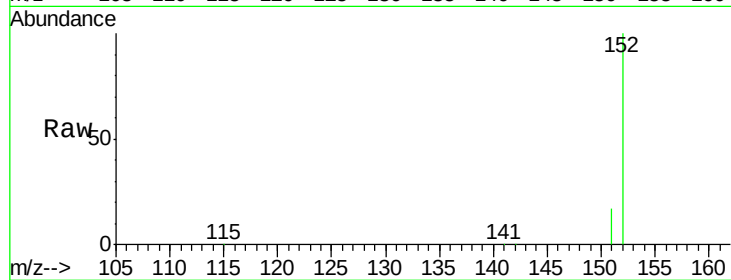
SSTDICC3.2

Tgt Ion:152 Resp: 52672

Ion Ratio Lower Upper

152 100

151 19.1 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

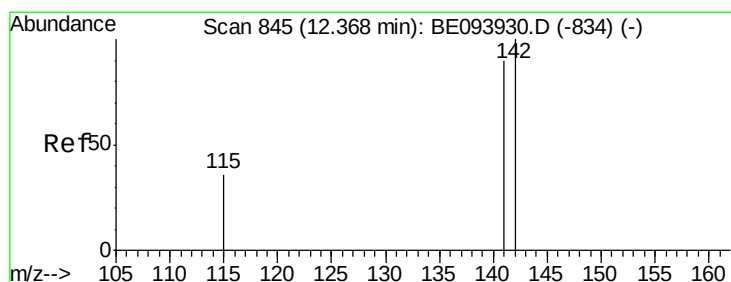
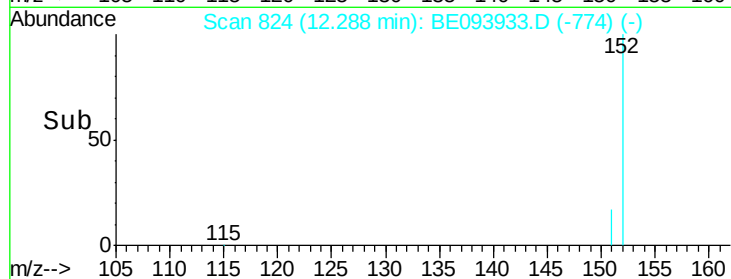
30000

20000

10000

0

Time--> 12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 3.218 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

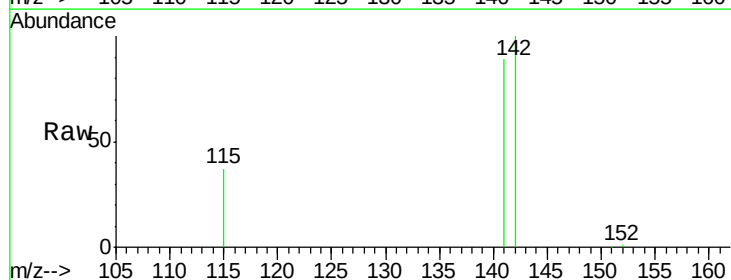
Tgt Ion:142 Resp: 63189

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.2

115 36.6 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

50000

40000

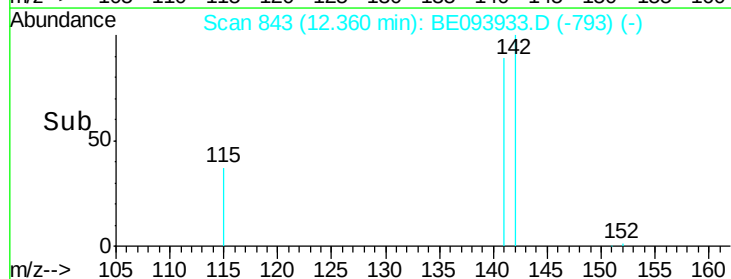
30000

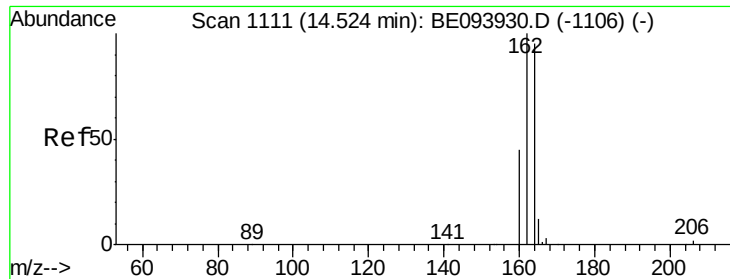
20000

10000

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: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

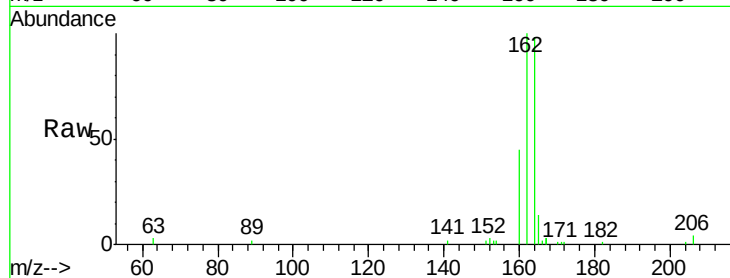
Tgt Ion:164 Resp: 5910

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

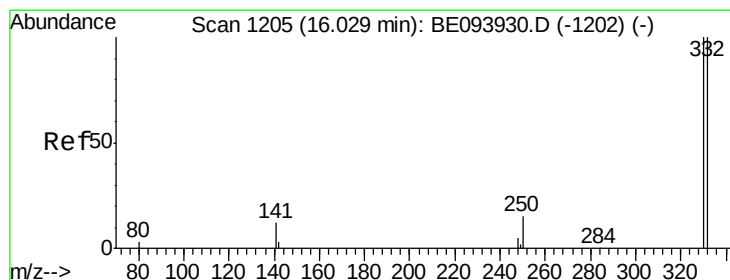
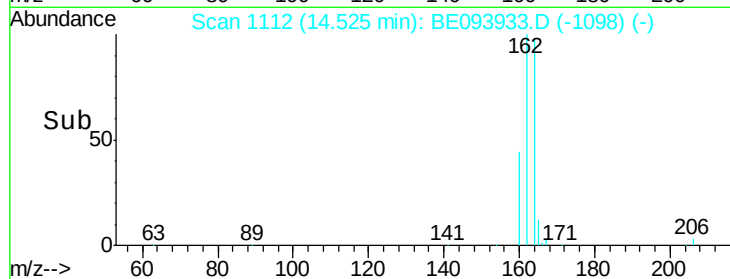
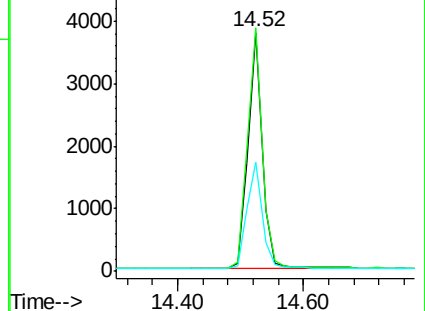
160 46.1 37.0 55.4



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: 3.003 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

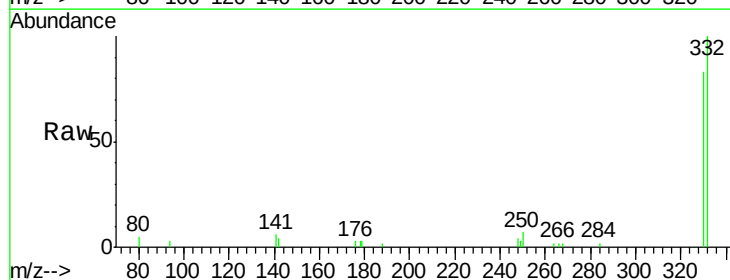
Tgt Ion:330 Resp: 4757

Ion Ratio Lower Upper

330 100

332 106.2 76.9 115.3

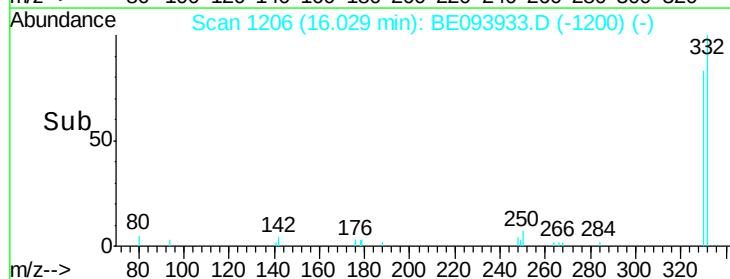
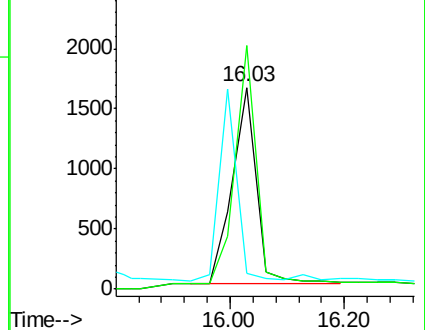
141 0.0 0.0 0.0

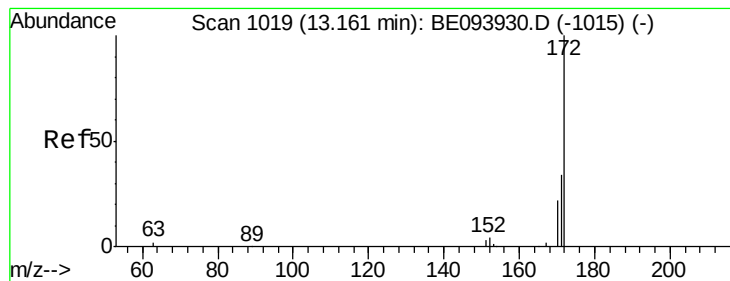


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

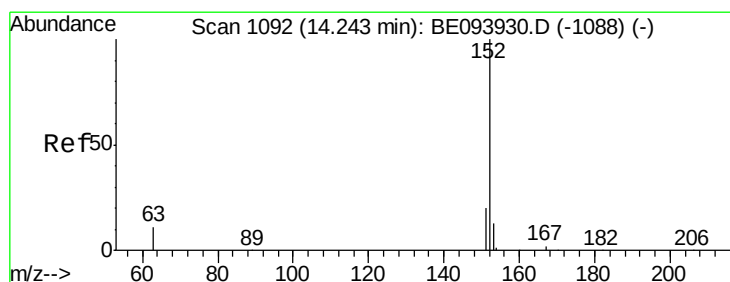
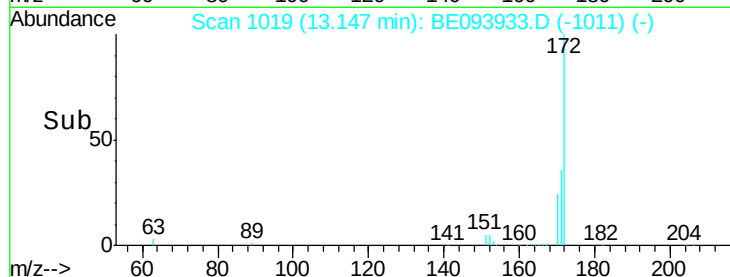
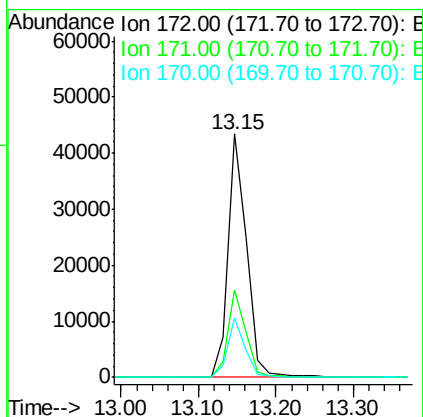
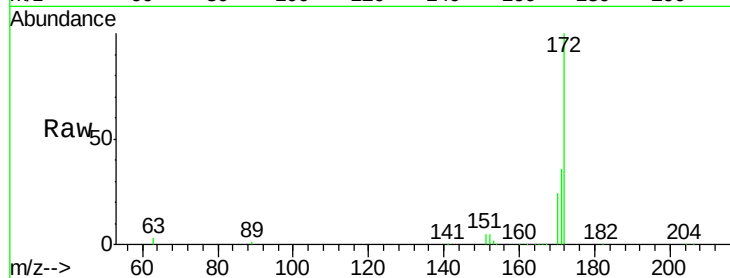




#15
2-Fluorobiphenyl
Concen: 3.047 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

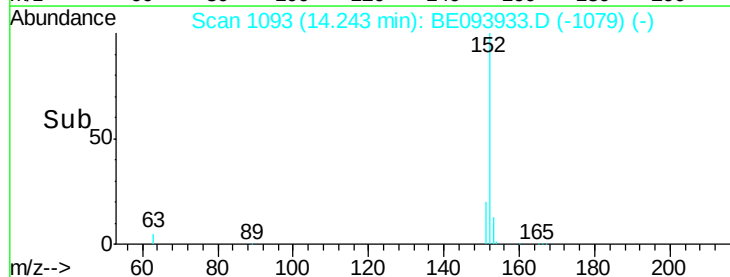
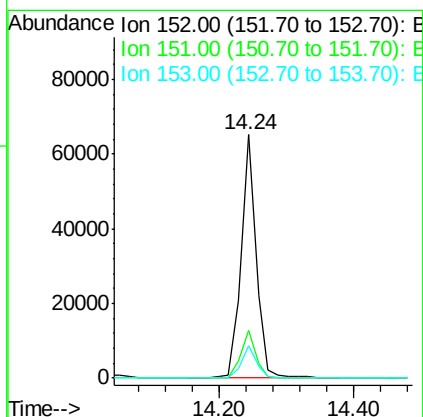
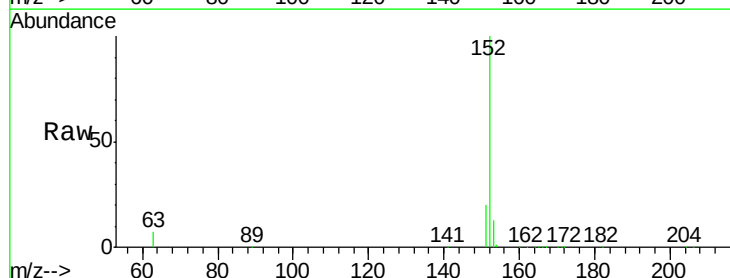
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

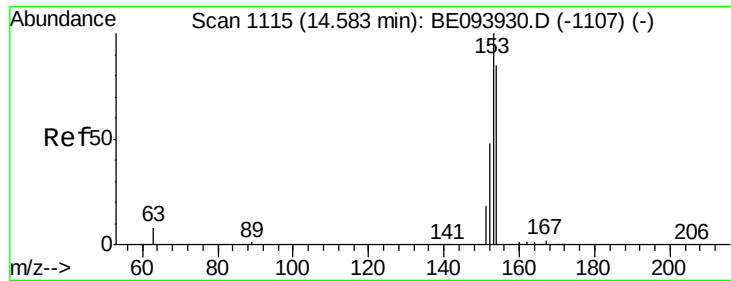
Tgt Ion:172 Resp: 71651
Ion Ratio Lower Upper
172 100
171 35.8 26.9 40.3
170 24.4 17.3 25.9



#16
Acenaphthylene
Concen: 3.459 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion:152 Resp: 101175
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.6 16.0

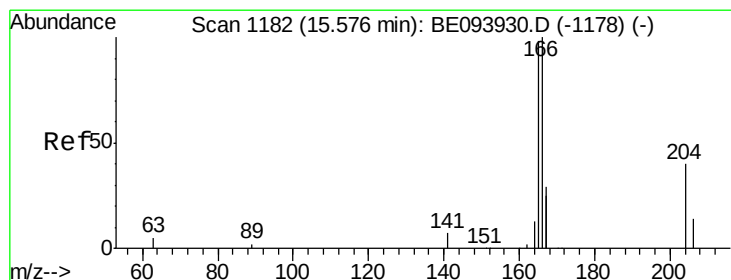
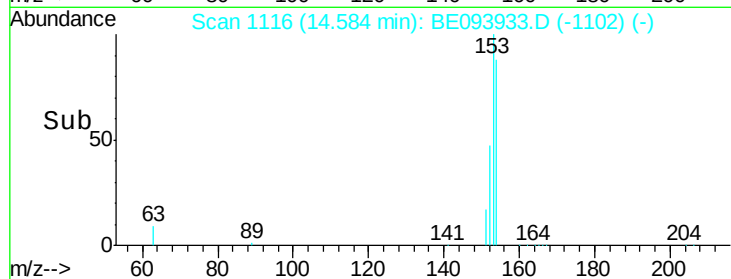
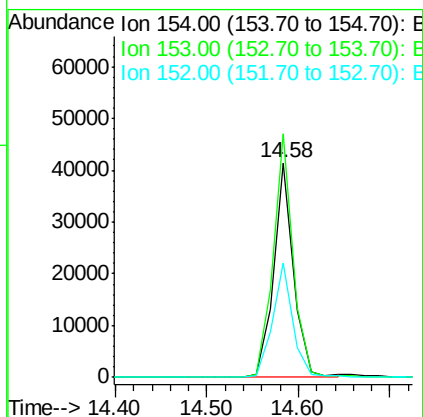
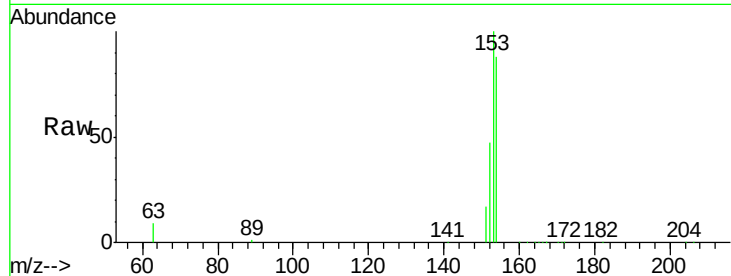




#17
Acenaphthene
Concen: 3.143 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

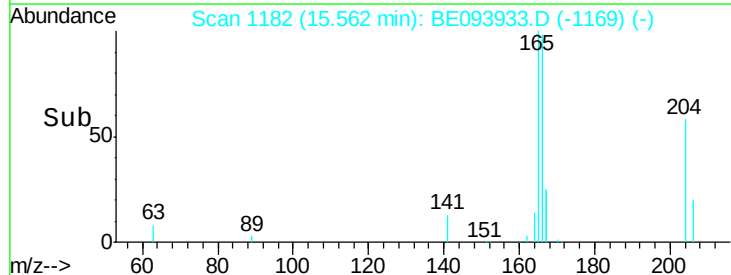
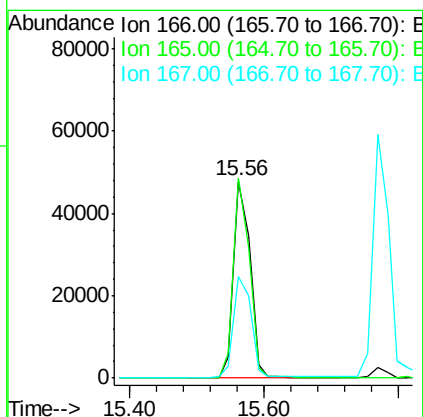
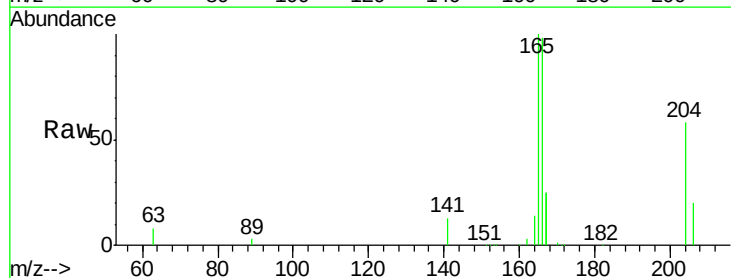
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

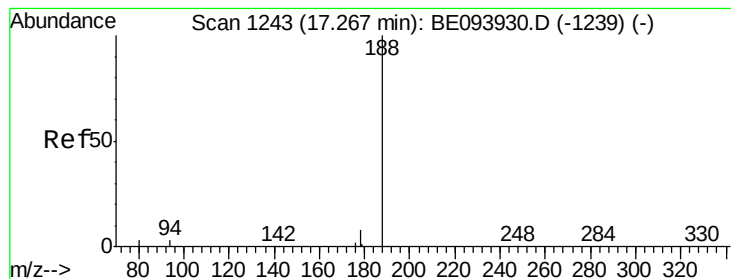
Tgt Ion:154 Resp: 61990
Ion Ratio Lower Upper
154 100
153 114.6 91.8 137.6
152 54.1 44.9 67.3



#18
Fluorene
Concen: 3.203 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion:166 Resp: 81729
Ion Ratio Lower Upper
166 100
165 98.1 79.4 119.0
167 54.1 43.5 65.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

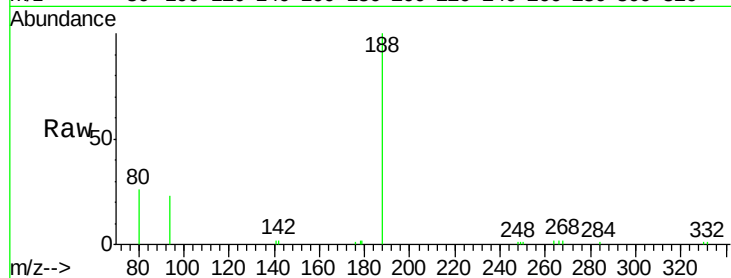
Tgt Ion:188 Resp: 10637

Ion Ratio Lower Upper

188 100

94 23.1 16.1 24.1

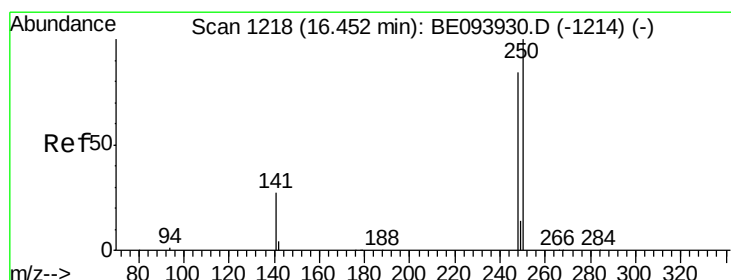
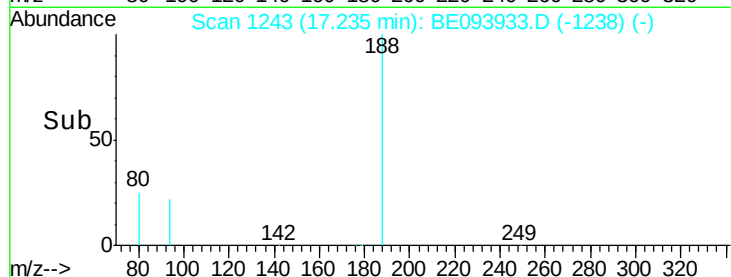
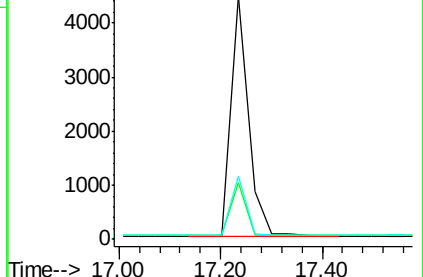
80 26.0 18.2 27.2



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: 2.768 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

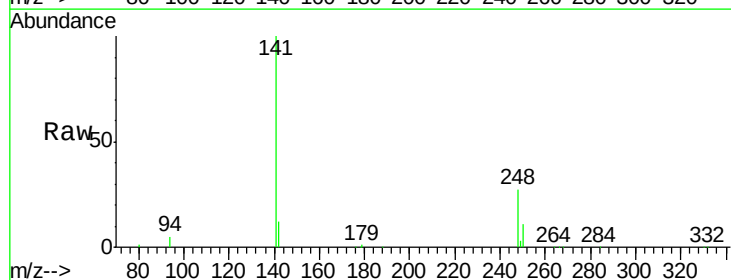
Tgt Ion:248 Resp: 12189

Ion Ratio Lower Upper

248 100

250 41.9 111.8 167.8#

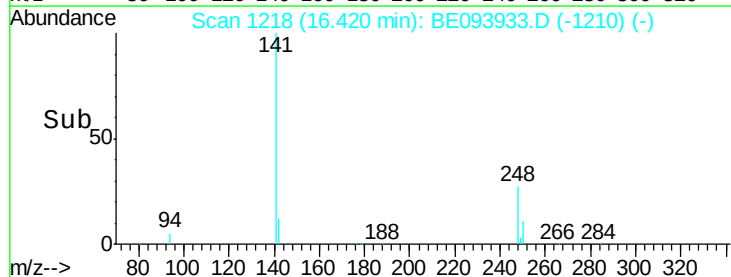
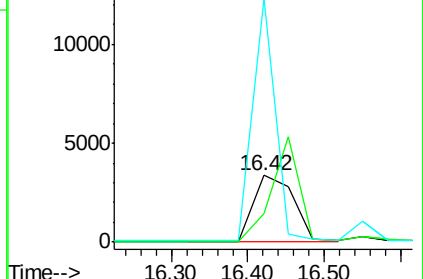
141 364.7 27.1 40.7#

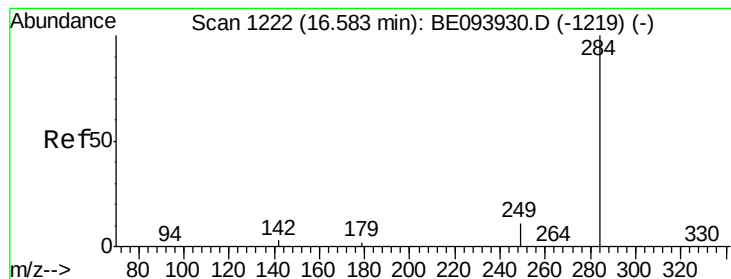


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.148 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

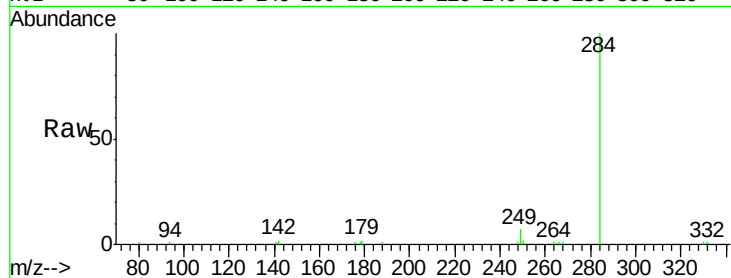
Tgt Ion:284 Resp: 15916

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

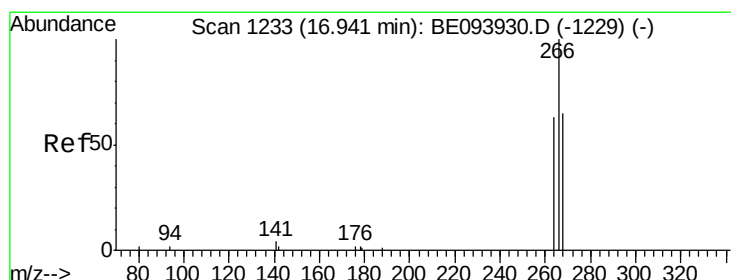
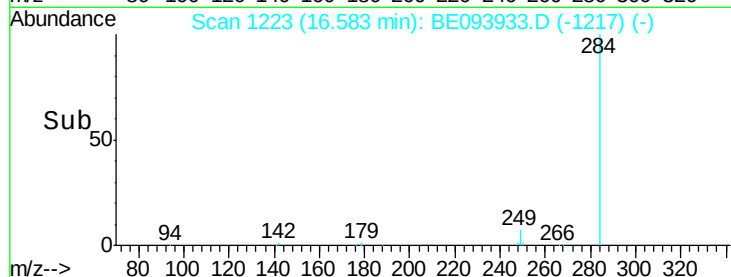
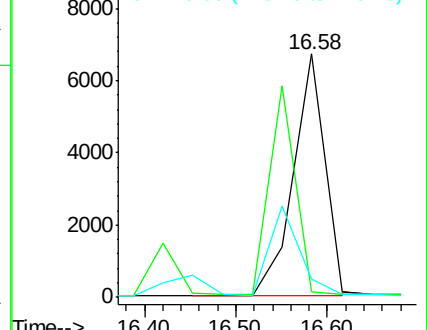
249 0.0 0.0 0.0



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: 2.882 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

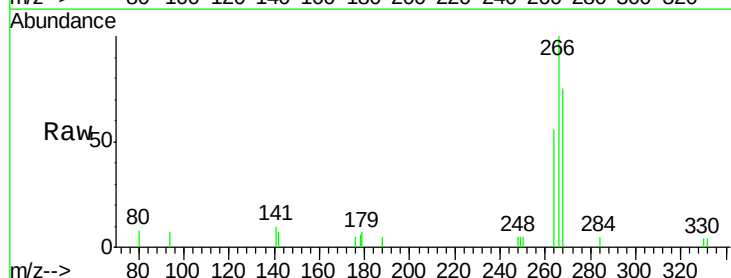
Tgt Ion:266 Resp: 4805

Ion Ratio Lower Upper

266 100

264 55.7 53.5 80.3

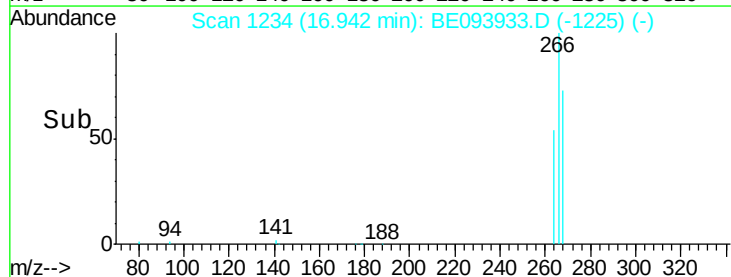
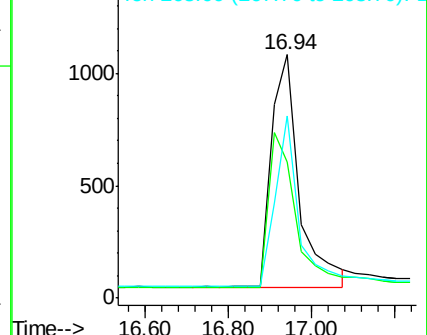
268 74.9 60.0 90.0

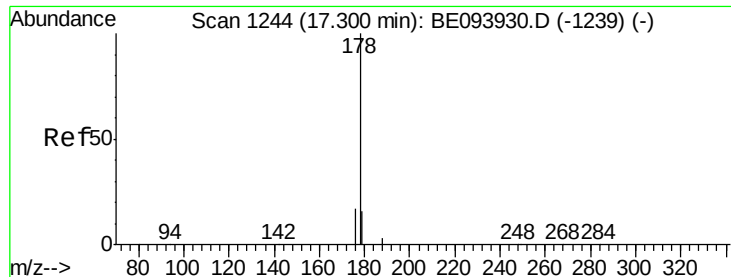


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 7.109 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.07 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

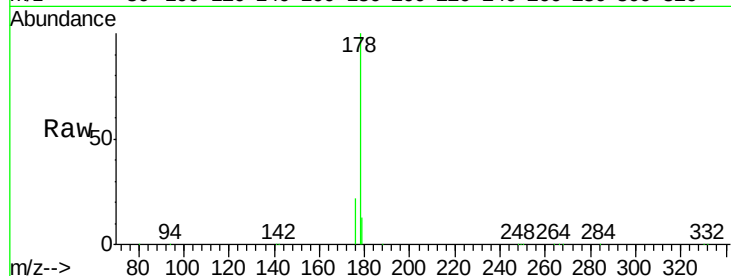
Tgt Ion:178 Resp: 192249

Ion Ratio Lower Upper

178 100

176 20.4 0.0 0.0#

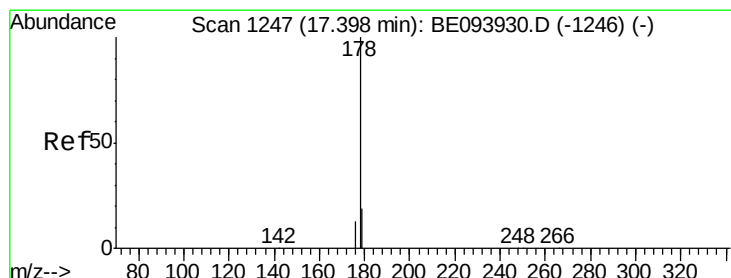
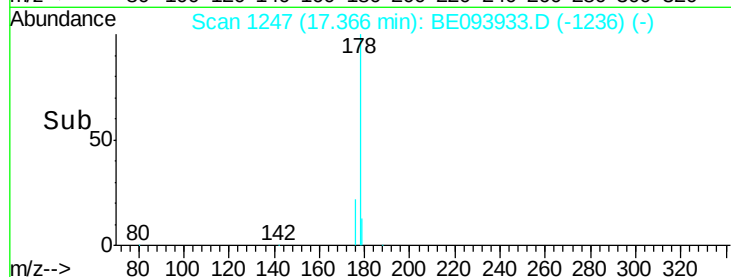
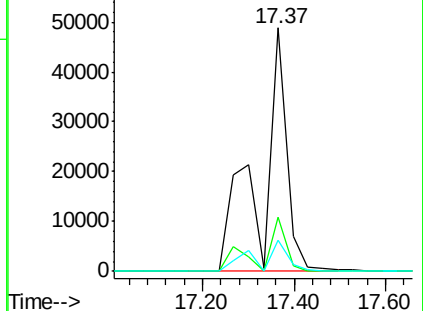
179 7.8 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 5.974 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

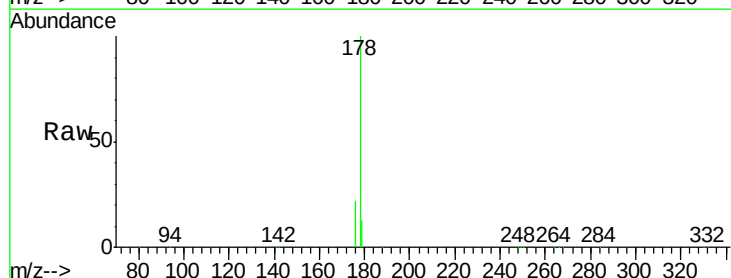
Tgt Ion:178 Resp: 192623

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

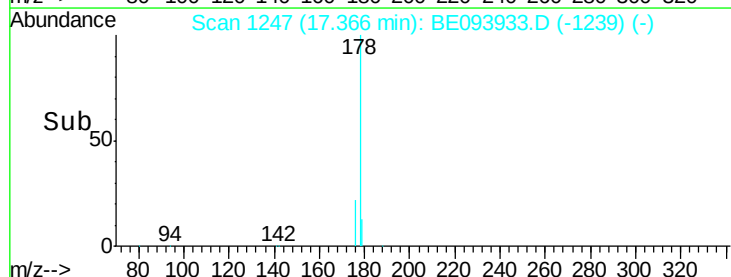
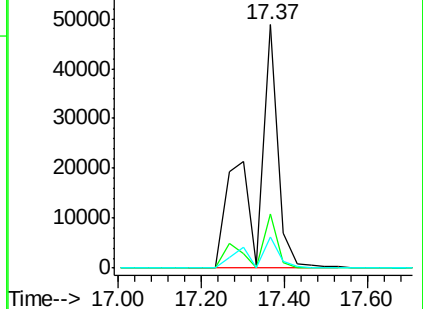
179 7.9 0.0 0.0#

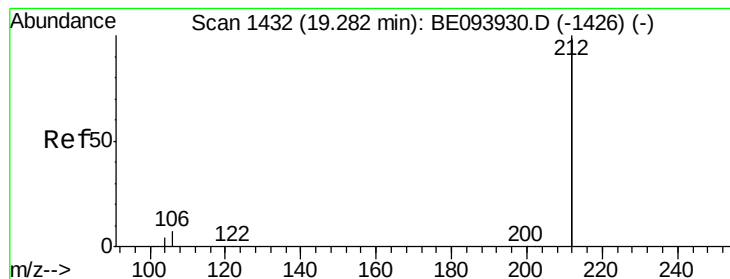


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 4.164 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

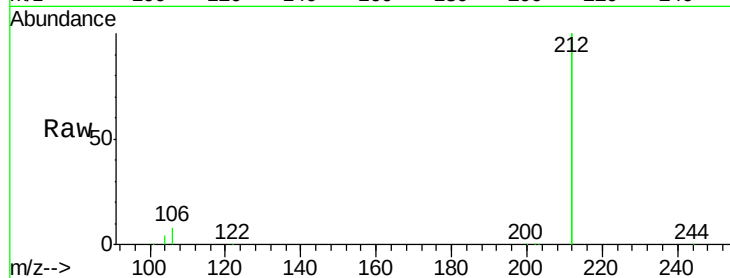
Tgt Ion:212 Resp: 510722

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

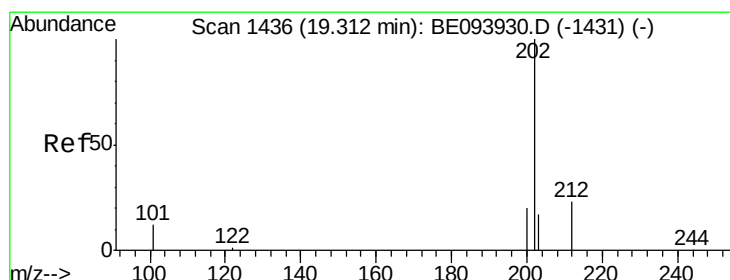
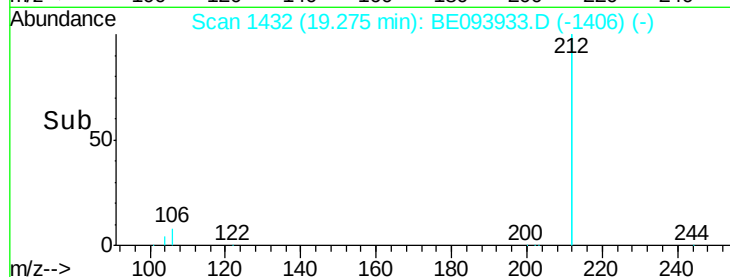
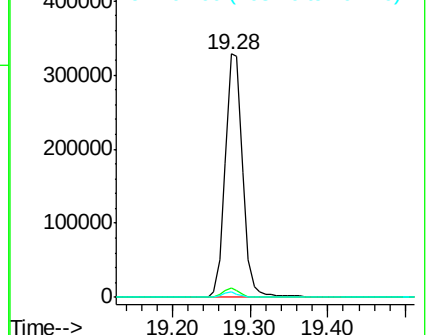
104 1.9 1.6 2.4



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: 4.107 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

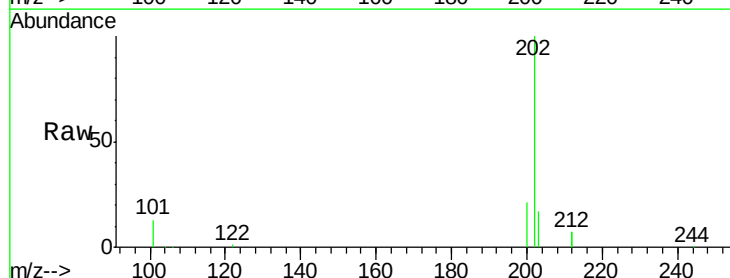
Tgt Ion:202 Resp: 152141

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

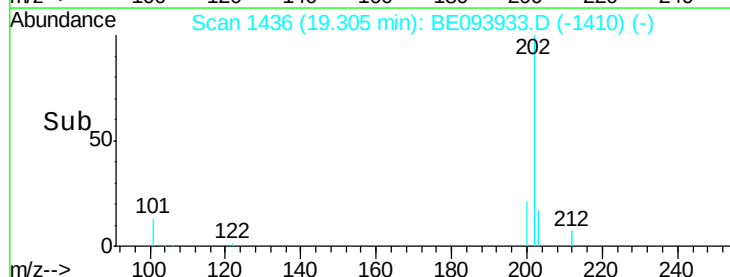
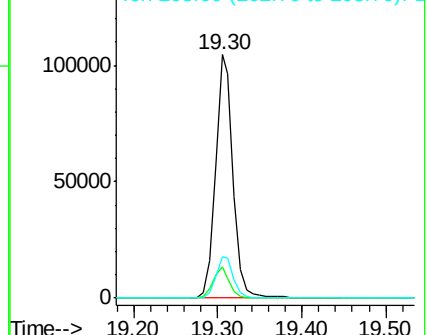
203 17.3 13.7 20.5

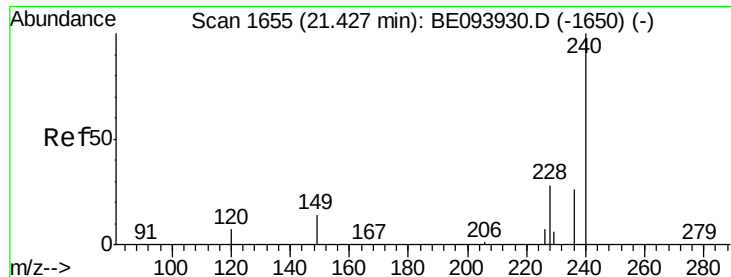


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

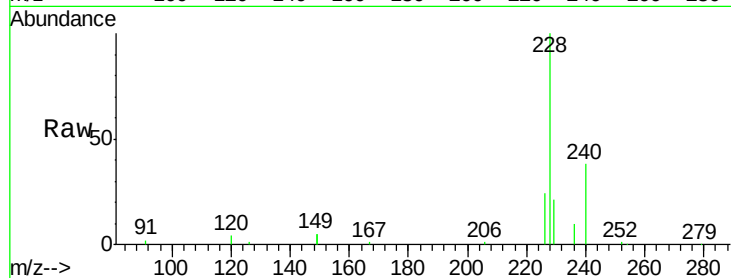
Tgt Ion:240 Resp: 14540

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

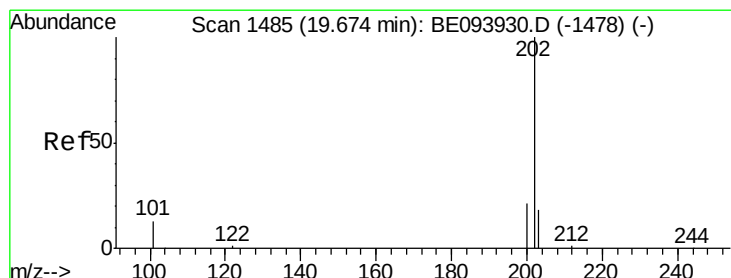
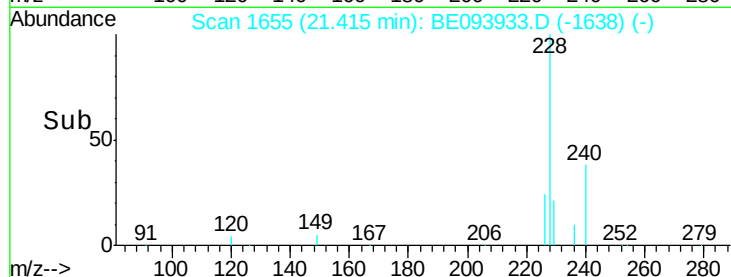
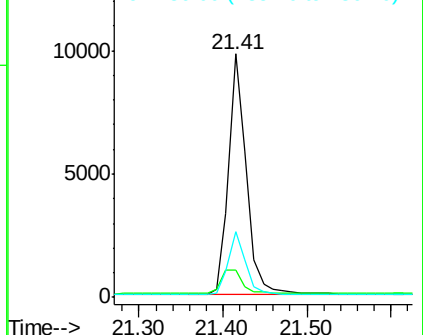
236 27.2 21.3 31.9



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: 3.246 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

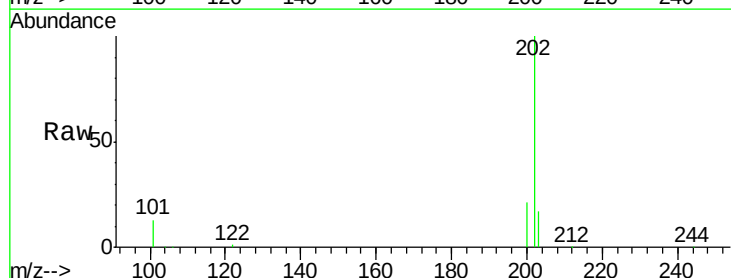
Tgt Ion:202 Resp: 158798

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

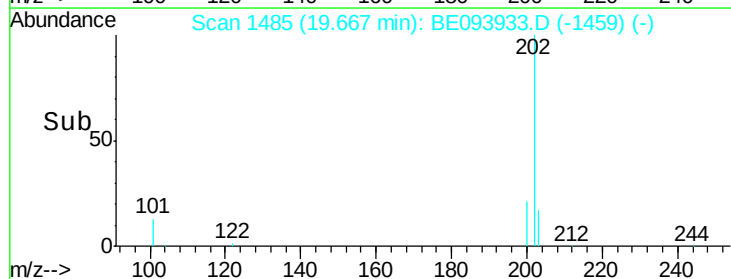
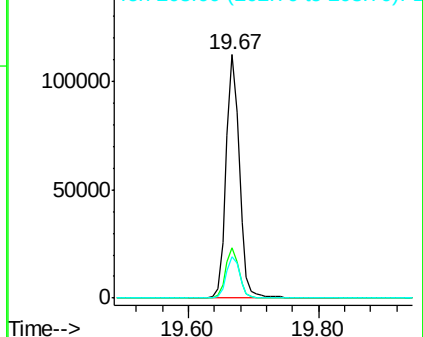
203 17.6 14.2 21.4

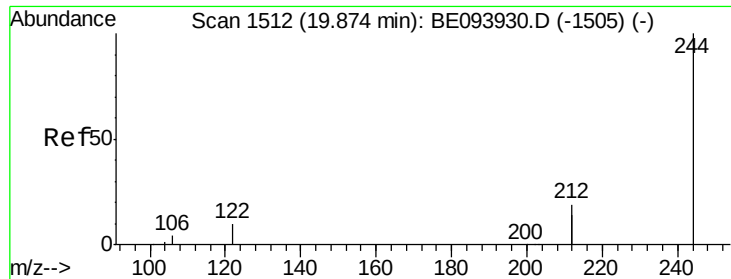


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.224 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

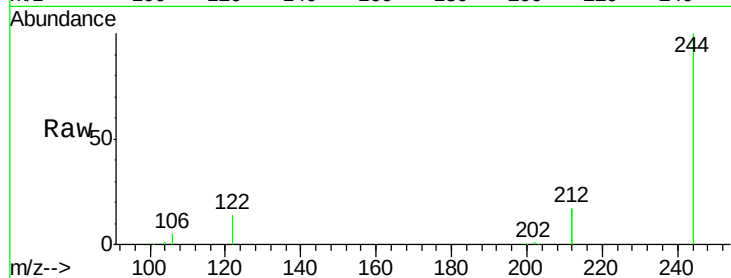
Tgt Ion:244 Resp: 84815

Ion Ratio Lower Upper

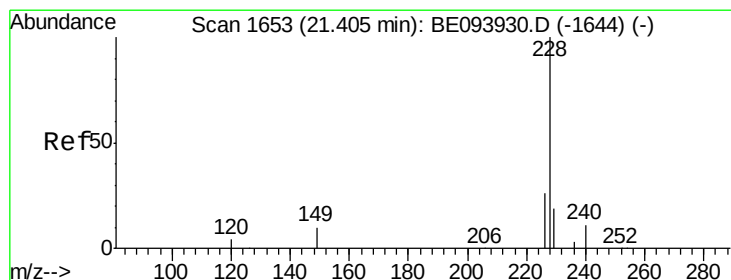
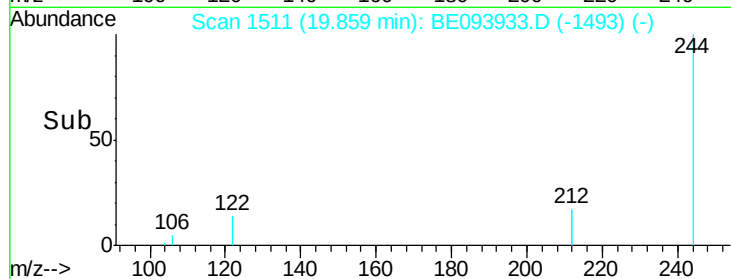
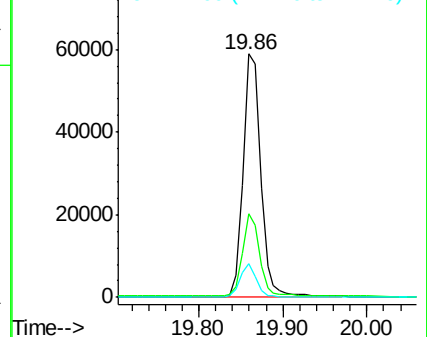
244 100

212 34.5 28.3 42.5

122 13.8 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: 3.293 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

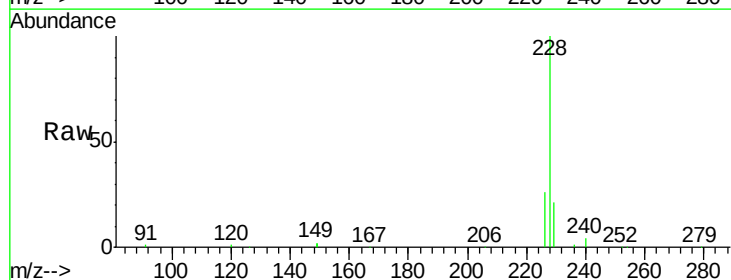
Tgt Ion:228 Resp: 142185

Ion Ratio Lower Upper

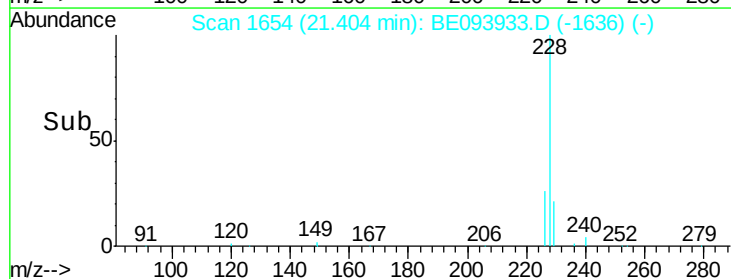
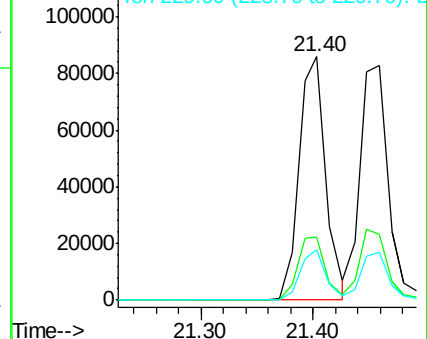
228 100

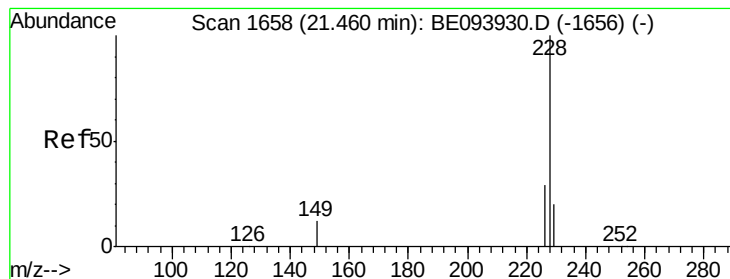
226 25.8 20.8 31.2

229 20.6 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: 3.074 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

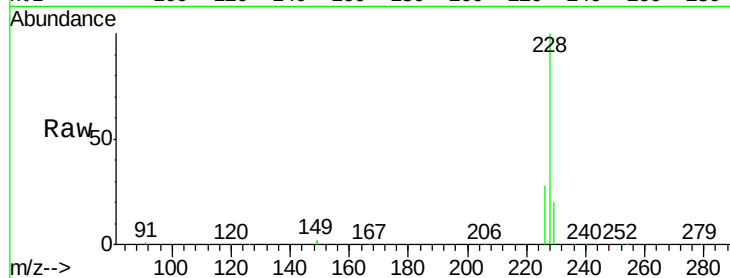
Tgt Ion:228 Resp: 147456

Ion Ratio Lower Upper

228 100

226 28.1 24.6 37.0

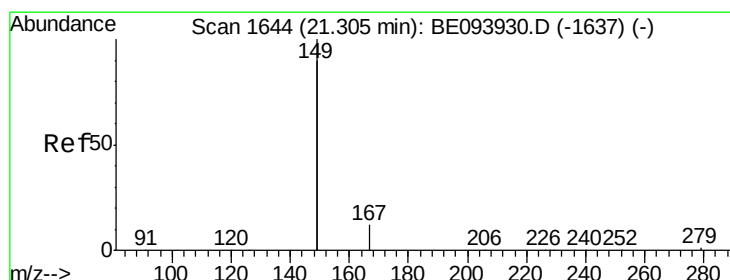
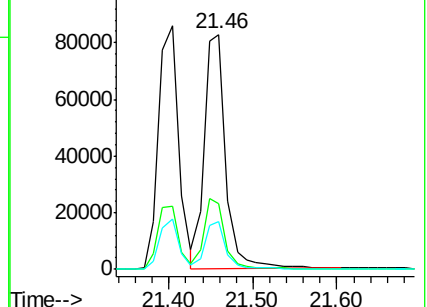
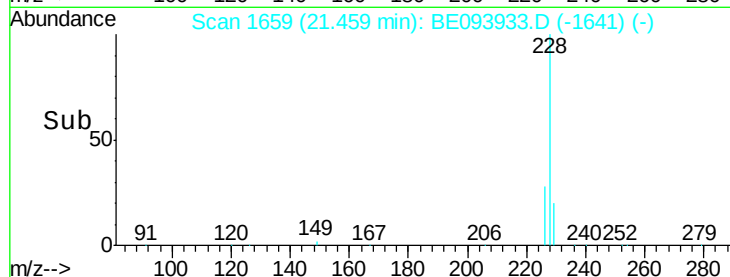
229 20.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.527 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

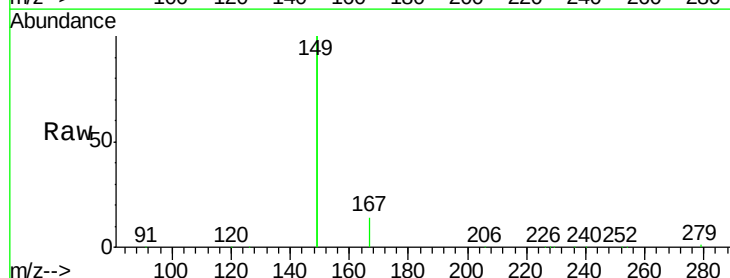
Tgt Ion:149 Resp: 321060

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

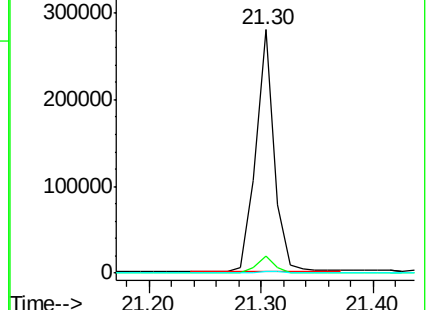
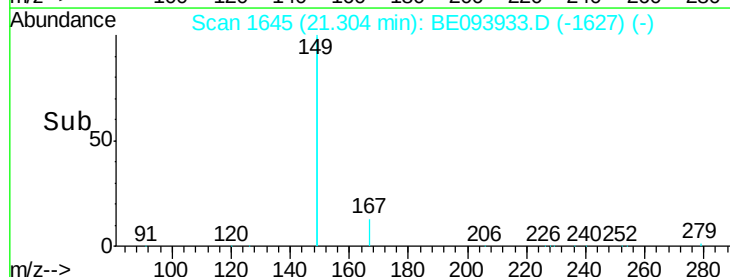
279 0.9 0.7 1.1

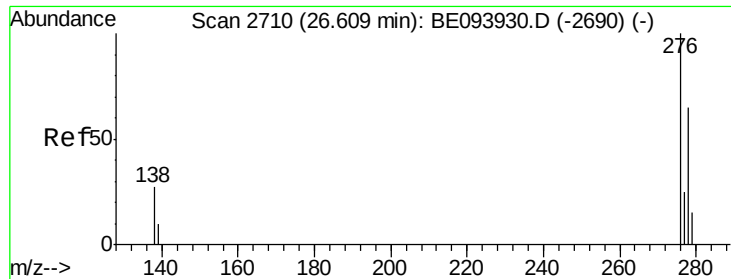


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

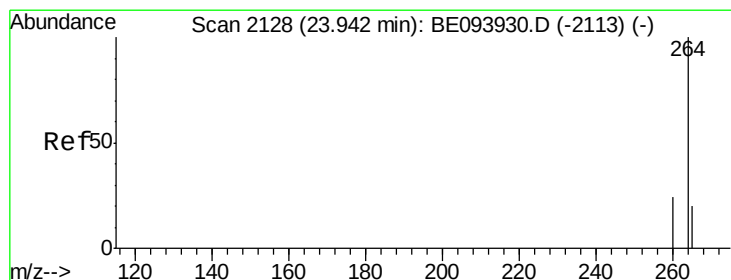
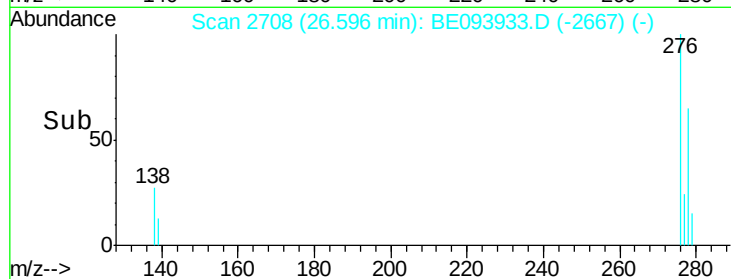
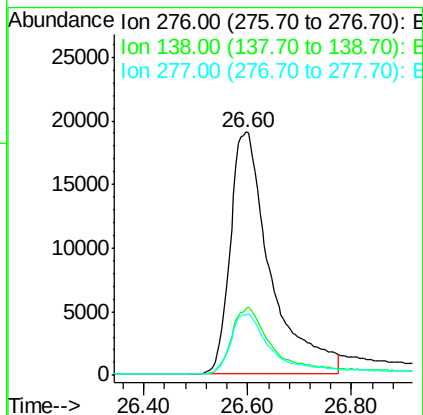
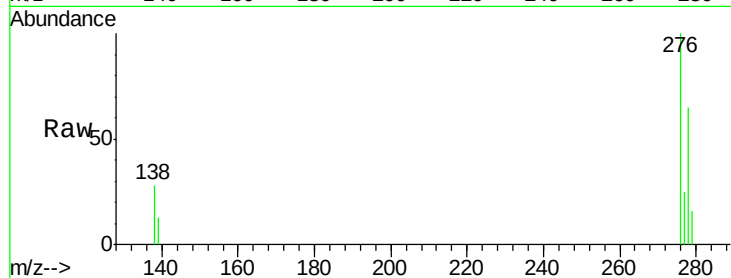




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.121 ng
 RT: 26.60 min Scan# 2708
 Delta R.T. -0.01 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

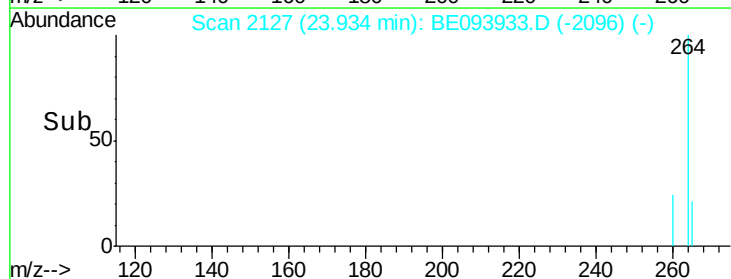
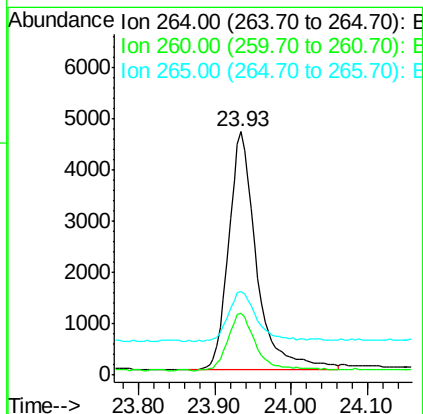
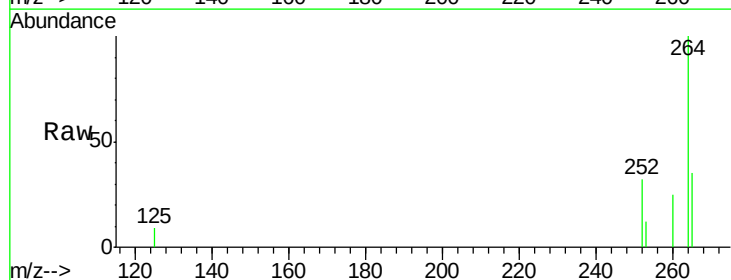
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

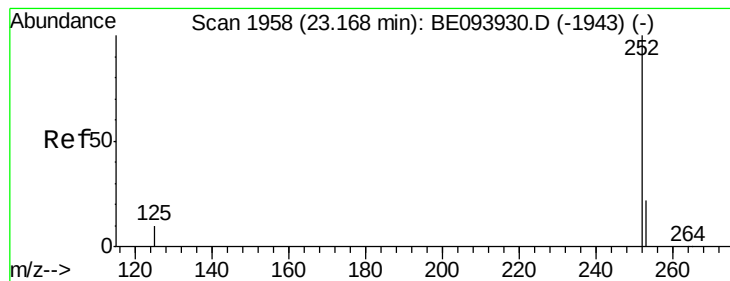
Tgt Ion: 276 Resp: 102183
 Ion Ratio Lower Upper
 276 100
 138 27.7 22.2 33.2
 277 25.0 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

Tgt Ion: 264 Resp: 11895
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.0 30.0
 265 34.5 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 3.275 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

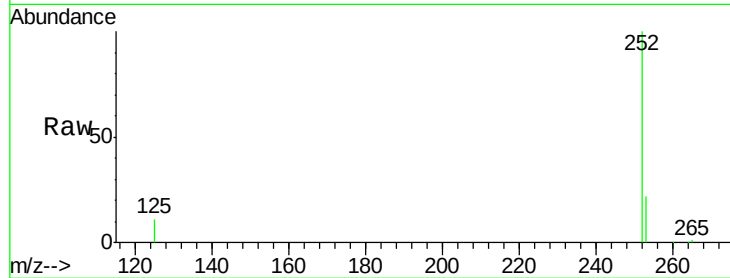
Tgt Ion:252 Resp: 124347

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.0

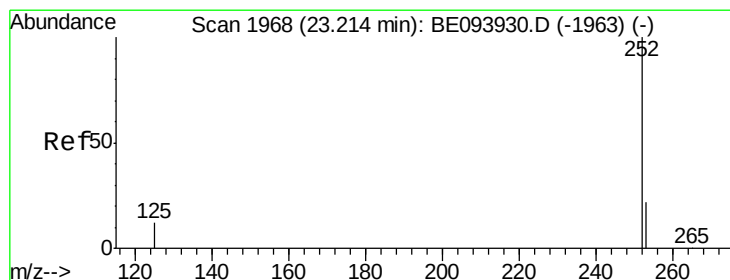
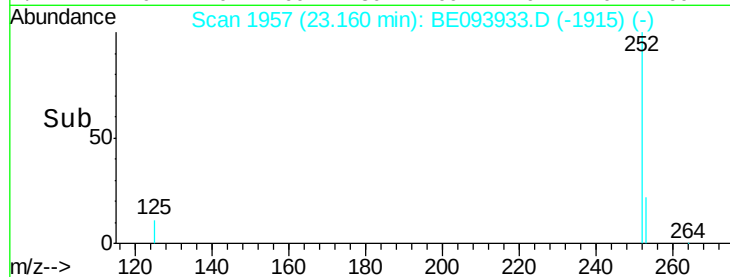
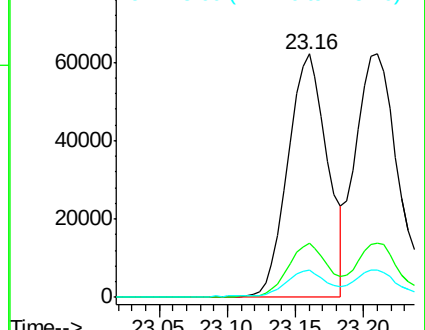
125 11.1 10.0 15.0



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: 3.417 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

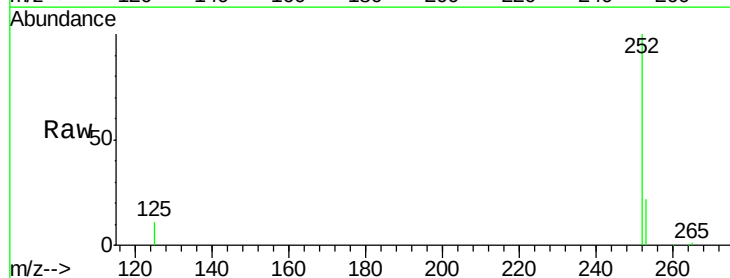
Tgt Ion:252 Resp: 148297

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

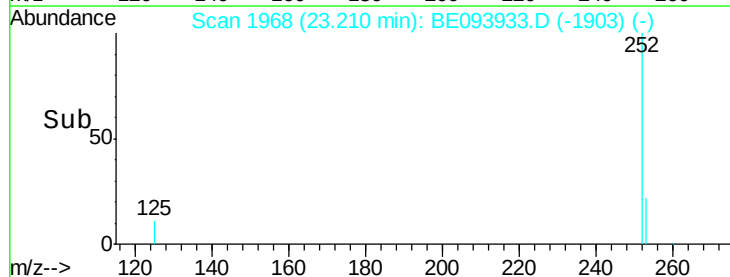
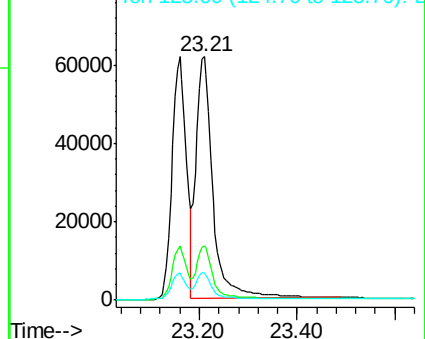
125 11.1 9.8 14.6

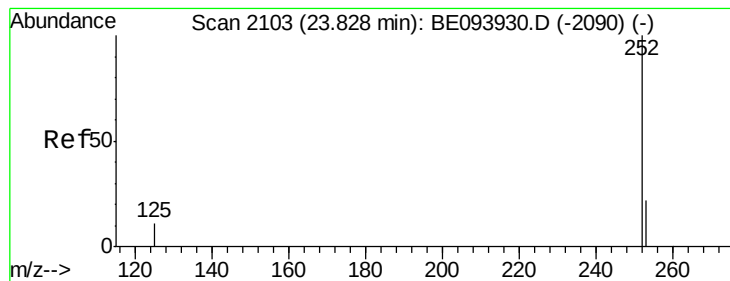


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

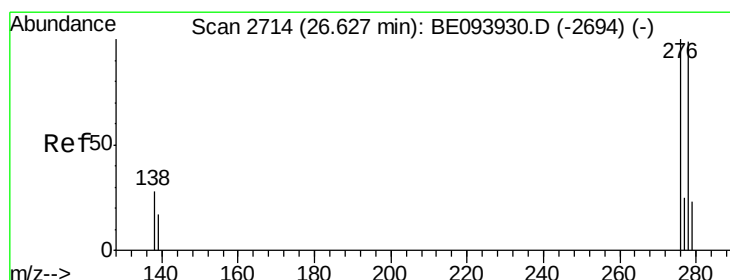
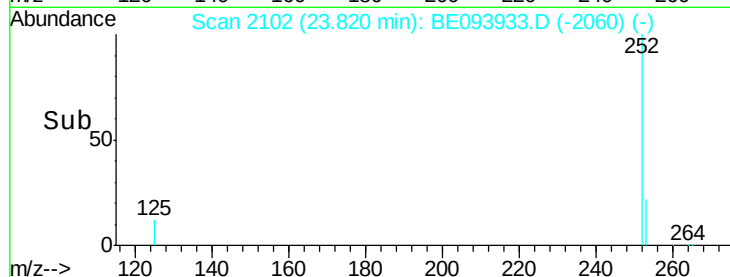
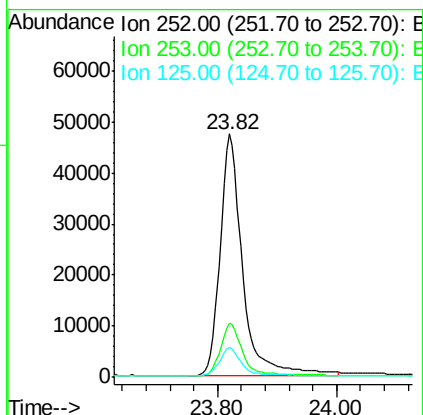
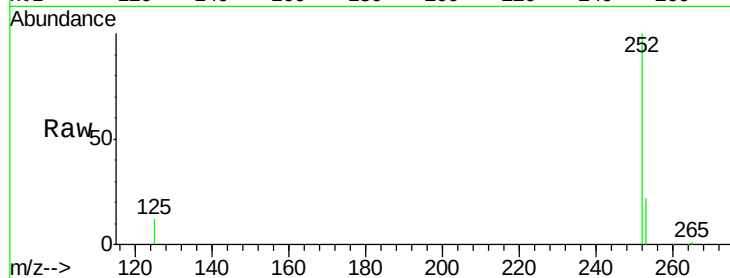




#37
Benzo(a)pyrene
Concen: 3.269 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

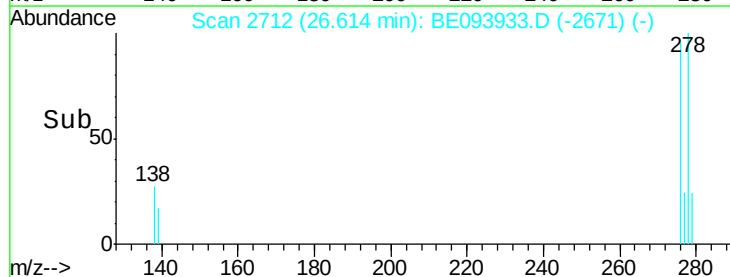
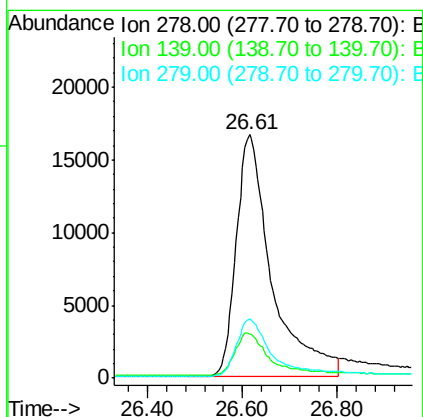
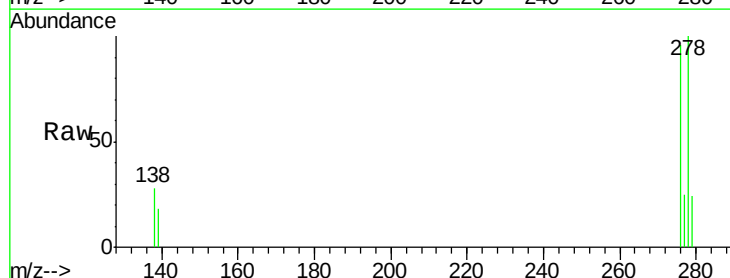
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

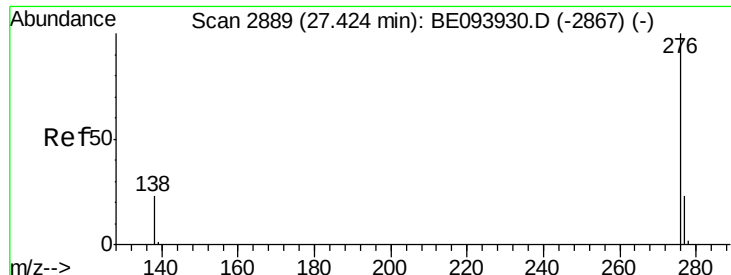
Tgt Ion: 252 Resp: 123210
Ion Ratio Lower Upper
252 100
253 22.4 19.6 29.4
125 12.4 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 3.253 ng
RT: 26.61 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion: 278 Resp: 86558
Ion Ratio Lower Upper
278 100
139 18.3 16.7 25.1
279 24.4 21.6 32.4





#39

Benzo(g,h,i)perylene

Concen: 2.980 ng

RT: 27.41 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE093933.D

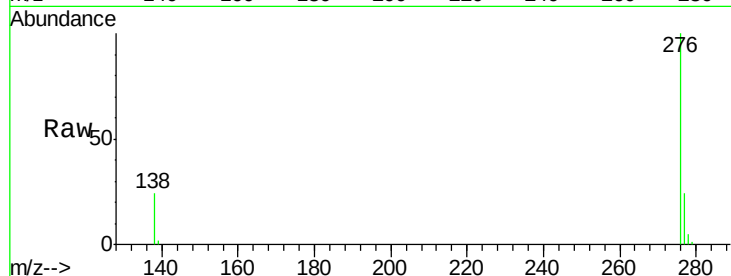
Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



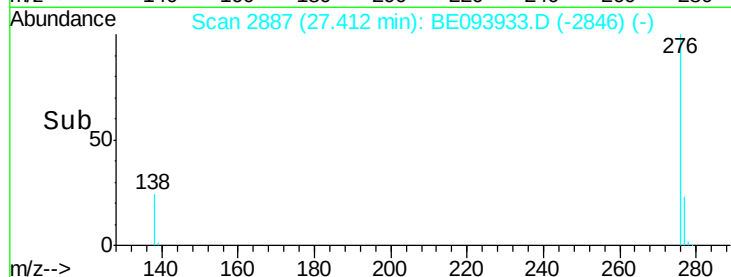
Tgt Ion: 276 Resp: 86379

Ion Ratio Lower Upper

276 100

277 23.6 20.6 30.8

138 24.3 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

