

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093383.D
 Acq On : 30 Jun 2017 19:04
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jun 30 19:43:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 19:04:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3132	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	16319	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	10608	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	39249	0.40	ng	0.00
27) Chrysene-d12	21.44	240	40866	0.40	ng	0.00
34) Perylene-d12	23.95	264	34619	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	31472	3.23	ng	0.00
5) Phenol-d6	7.10	99	48367	3.34	ng	0.00
8) Nitrobenzene-d5	9.09	82	35165	3.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.32	152	87191	3.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	18564	4.31	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	133833	3.23	ng	0.00
25) Fluoranthene-d10	19.30	212	1250844	3.51	ng	0.00
29) Terphenyl-d14	19.89	244	251876	3.35	ng	0.00

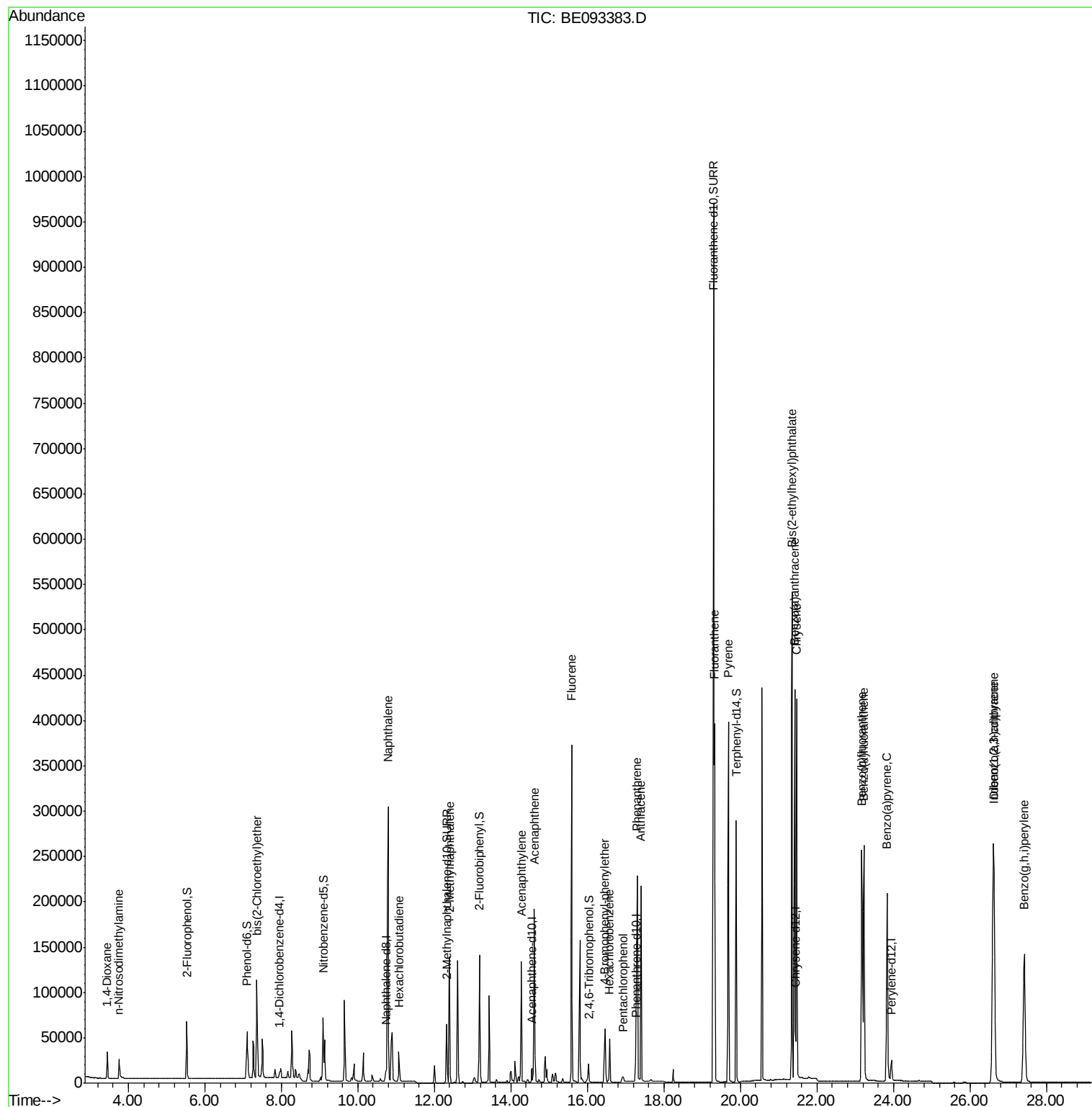
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	19222	2.931	ng	91
3) n-Nitrosodimethylamine	3.75	42	15265	4.402	ng	90
6) bis(2-Chloroethyl)ether	7.36	93	35814	3.551	ng	# 98
9) Naphthalene	10.79	128	548297	3.242	ng	# 73
10) Hexachlorobutadiene	11.08	225	22271	3.277	ng	99
12) 2-Methylnaphthalene	12.39	142	97044	3.393	ng	97
16) Acenaphthylene	14.27	152	163677	3.629	ng	# 88
17) Acenaphthene	14.61	154	107975	3.352	ng	98
18) Fluorene	15.59	166	146317	3.293	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	36240	4.282	ng	83
21) Hexachlorobenzene	16.58	284	55671	3.829	ng	# 100
22) Pentachlorophenol	16.94	266	8361	5.325	ng	# 85
23) Phenanthrene	17.30	178	337287	3.631	ng	96
24) Anthracene	17.40	178	318335	3.359	ng	97
26) Fluoranthene	19.33	202	358019	3.541	ng	99
28) Pyrene	19.68	202	365756	3.433	ng	# 99
30) Benzo(a)anthracene	21.42	228	376560	3.427	ng	94
31) Chrysene	21.47	228	379152	3.278	ng	94
32) Bis(2-ethylhexyl)phthalate	21.35	149	651928	4.154	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.60	276	385710	3.438	ng	# 90
35) Benzo(b)fluoranthene	23.17	252	369493	3.443	ng	# 92
36) Benzo(k)fluoranthene	23.22	252	367712	3.407	ng	# 91
37) Benzo(a)pyrene	23.83	252	334159	3.518	ng	# 90
38) Dibenzo(a,h)anthracene	26.63	278	346479	3.595	ng	# 85
39) Benzo(g,h,i)perylene	27.42	276	341061	3.441	ng	# 88

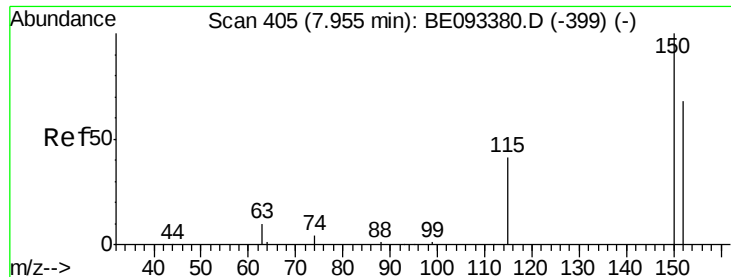
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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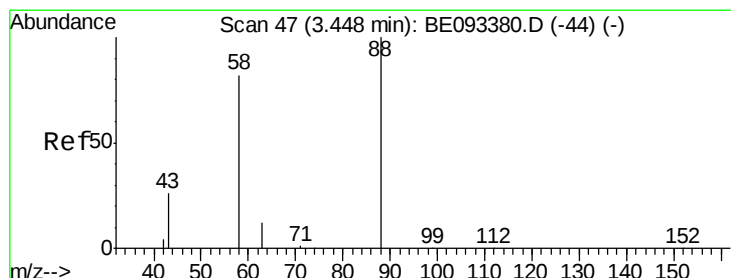
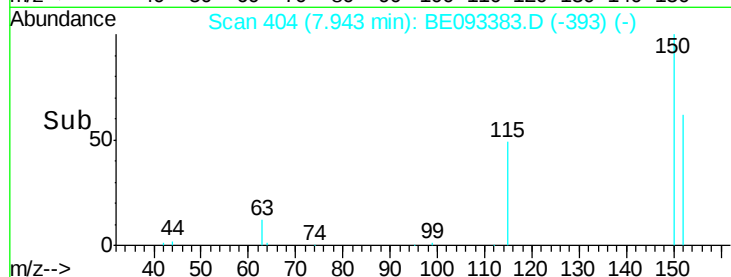
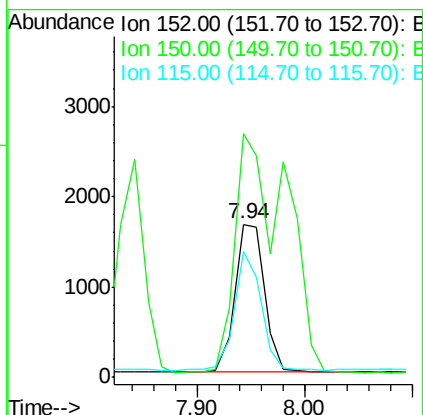
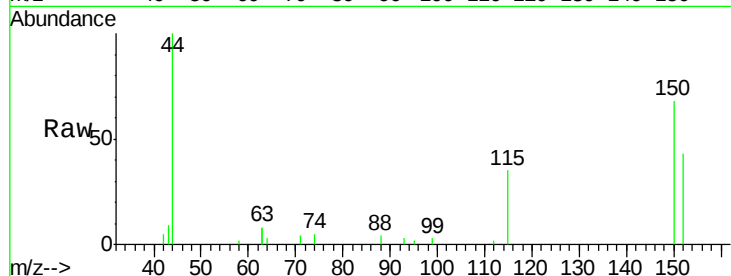


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

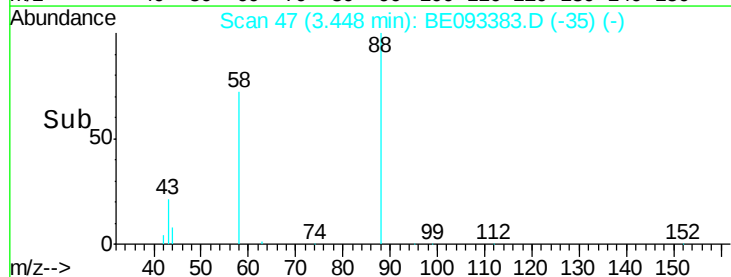
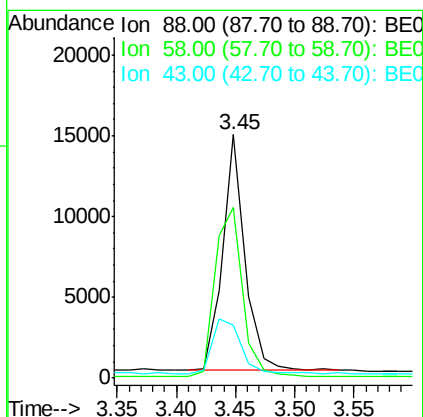
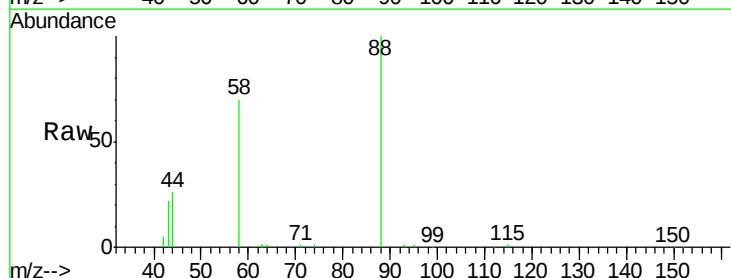
Tgt Ion:152 Resp: 3132
Ion Ratio Lower Upper
152 100
150 159.3 125.1 187.7
115 82.2 55.7 83.5

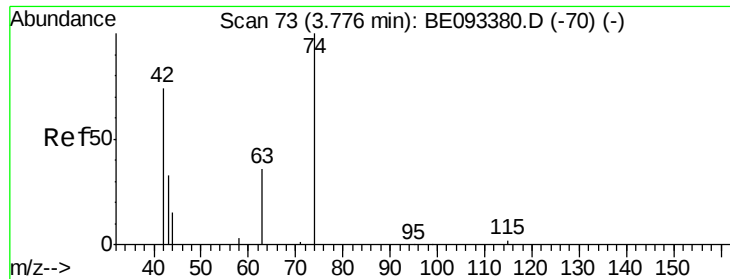


#2

1,4-Dioxane
Concen: 2.931 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion: 88 Resp: 19222
Ion Ratio Lower Upper
88 100
58 88.4 62.2 93.4
43 29.6 23.2 34.8





#3

n-Nitrosodimethylamine

Concen: 4.402 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.03 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

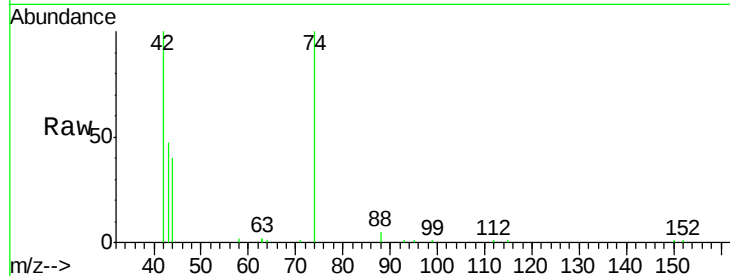
Tgt Ion: 42 Resp: 15265

Ion Ratio Lower Upper

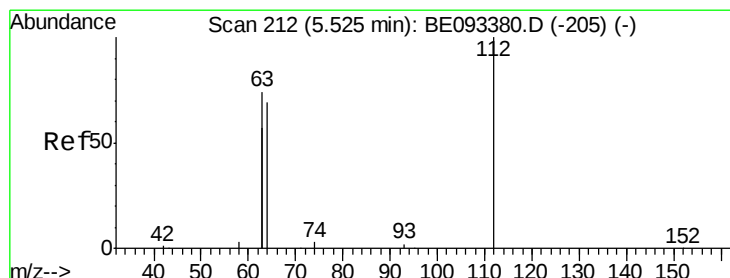
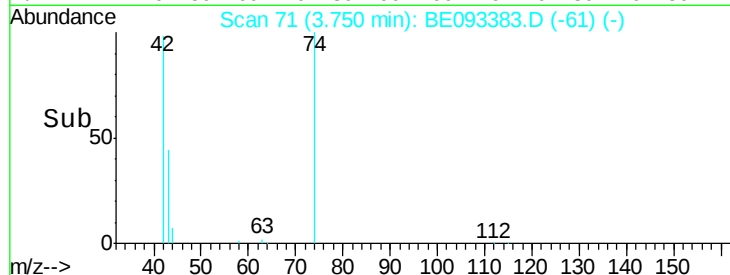
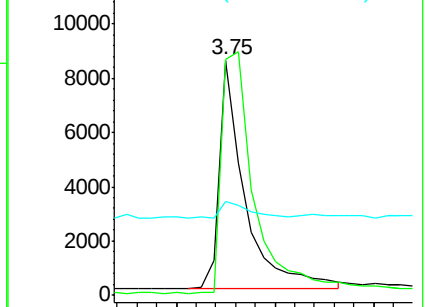
42 100

74 135.4 99.1 148.7

44 8.1 7.4 11.2



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: 3.228 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

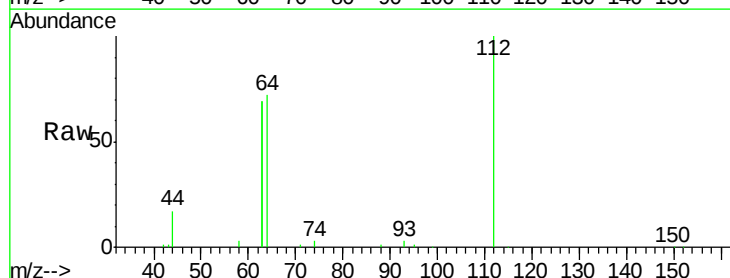
Tgt Ion: 112 Resp: 31472

Ion Ratio Lower Upper

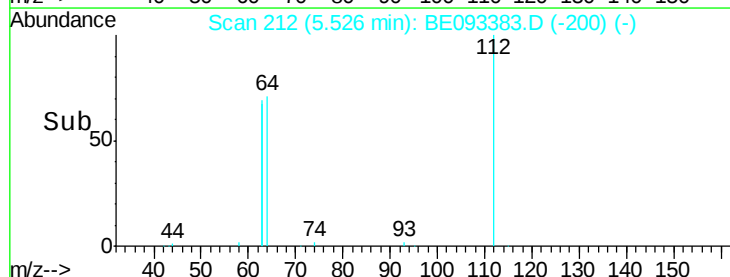
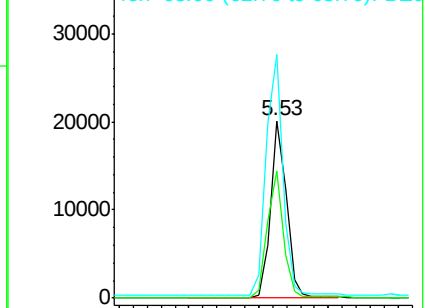
112 100

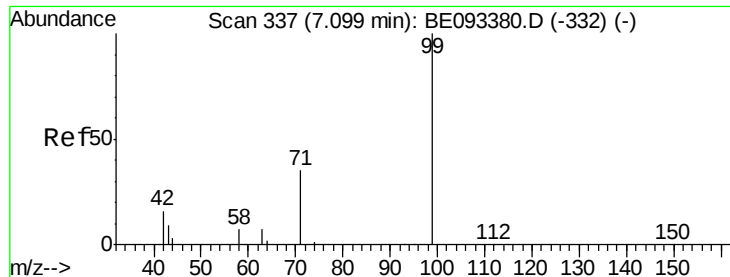
64 71.3 56.4 84.6

63 142.6 29.3 43.9#



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: 3.345 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

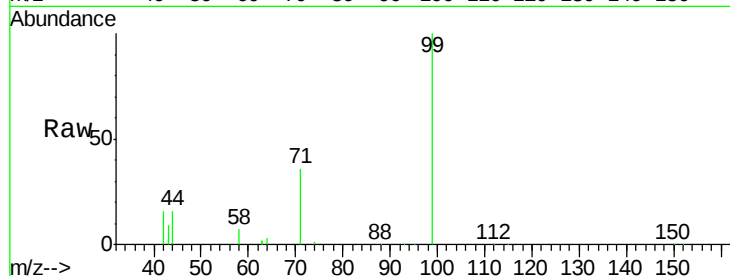
Tgt Ion: 99 Resp: 48367

Ion Ratio Lower Upper

99 100

42 19.5 0.0 0.0#

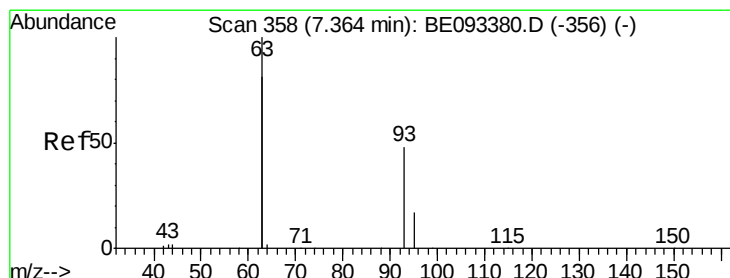
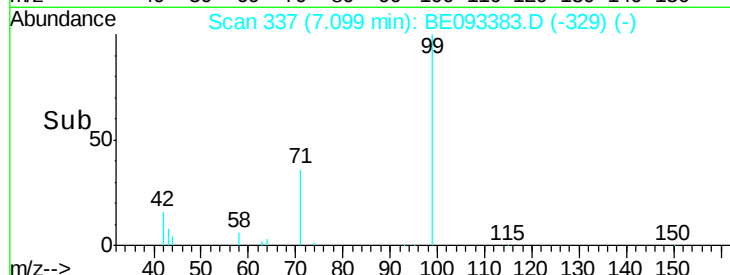
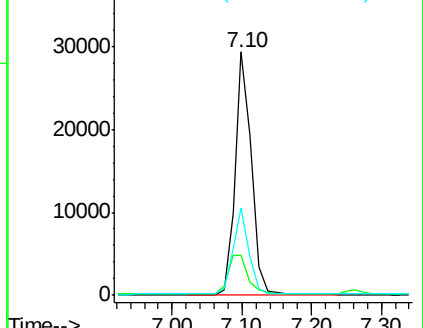
71 34.9 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.551 ng

RT: 7.36 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

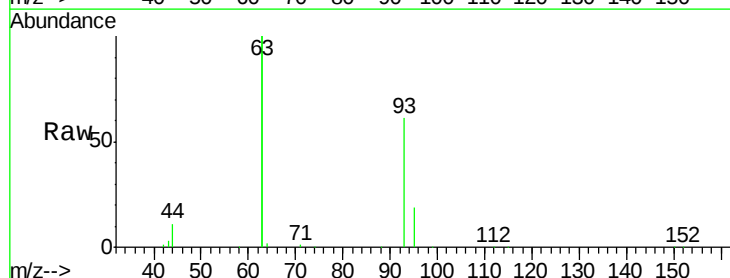
Tgt Ion: 93 Resp: 35814

Ion Ratio Lower Upper

93 100

63 350.0 0.0 0.0#

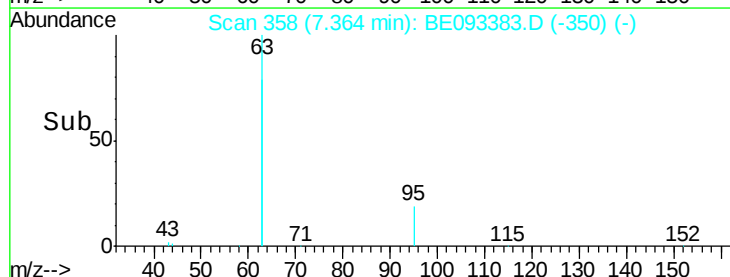
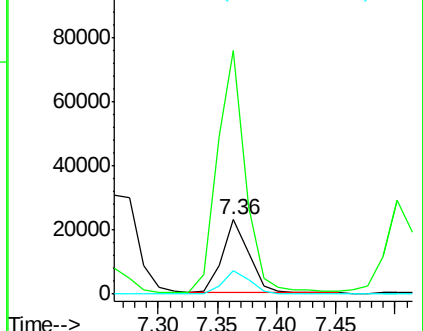
95 32.6 25.4 38.0

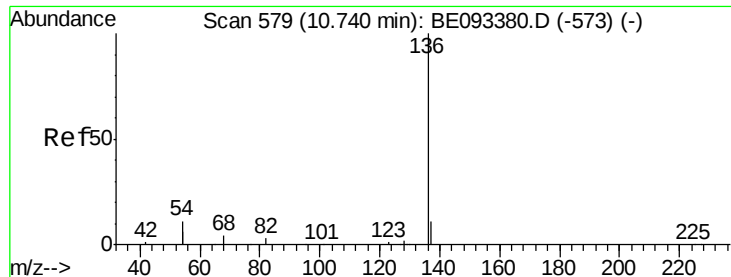


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 16319

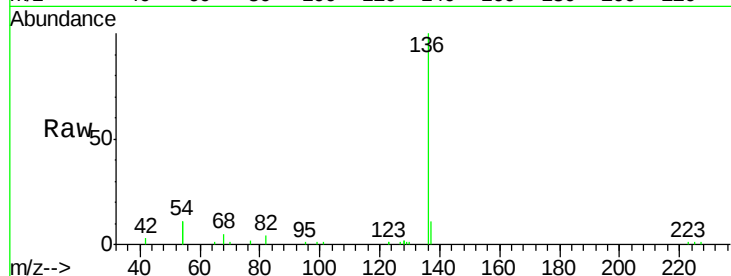
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 22.7 10.3 15.5#

68 4.9 9.0 13.4#

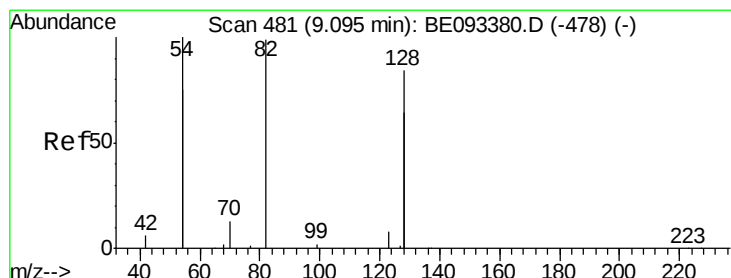
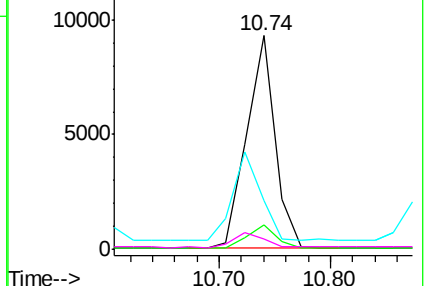
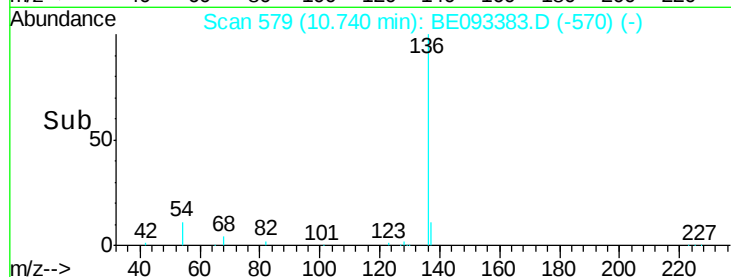


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.713 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

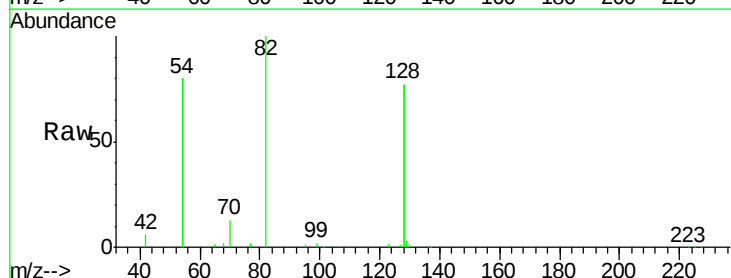
Tgt Ion: 82 Resp: 35165

Ion Ratio Lower Upper

82 100

128 153.8 17.0 25.4#

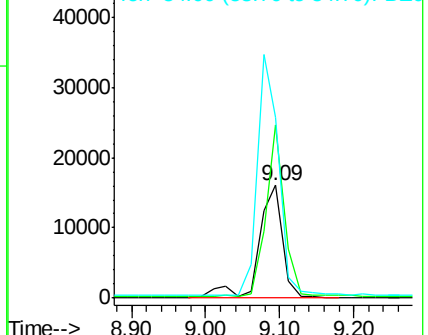
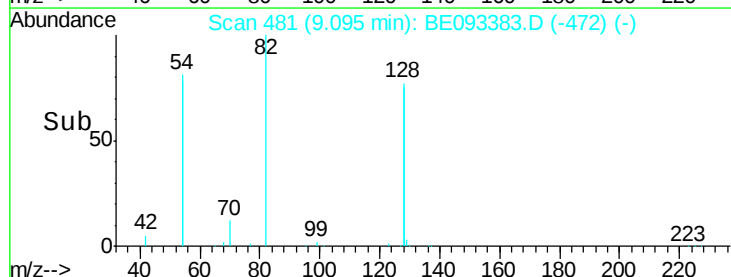
54 160.8 53.8 80.6#

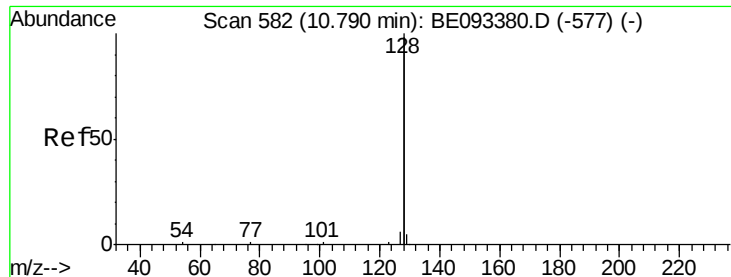


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.242 ng

RT: 10.79 min Scan# 582

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

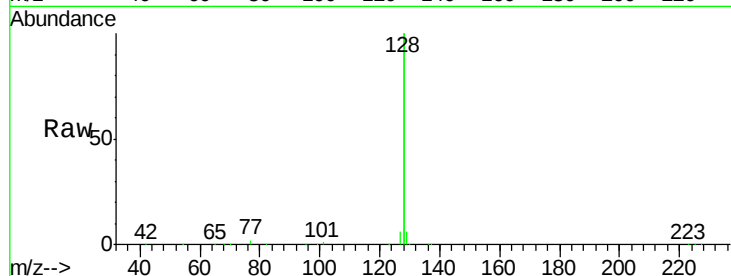
Tgt Ion:128 Resp: 548297

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

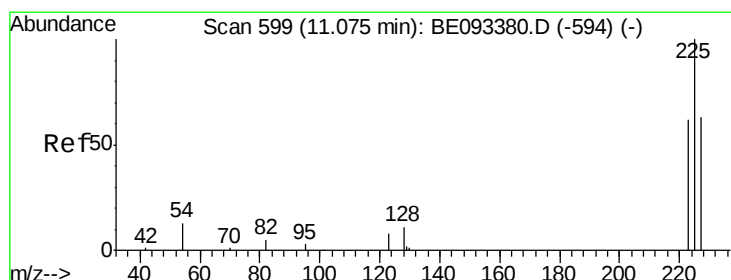
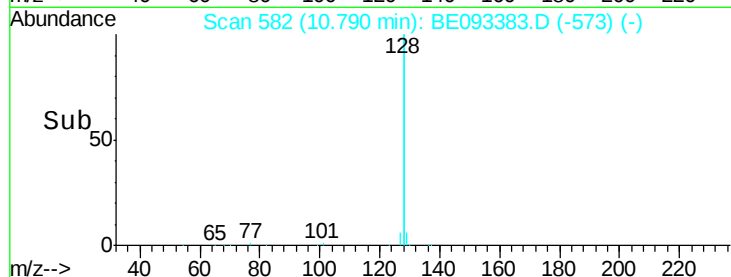
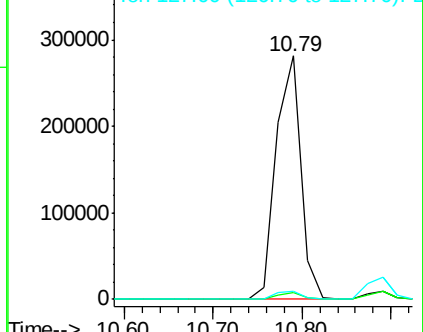
127 3.1 11.2 16.8#



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: 3.277 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

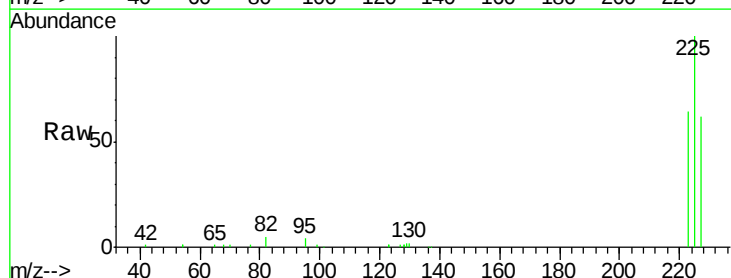
Tgt Ion:225 Resp: 22271

Ion Ratio Lower Upper

225 100

223 62.6 49.7 74.5

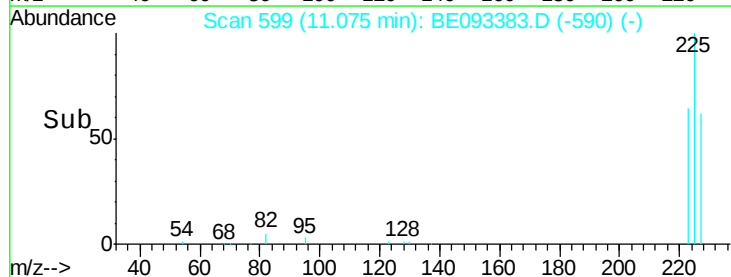
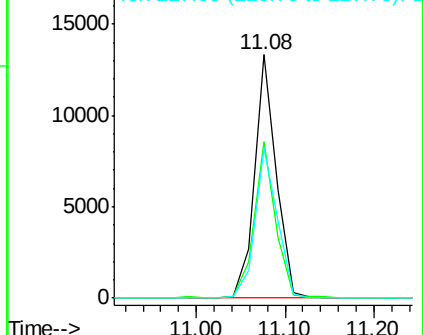
227 63.6 50.3 75.5

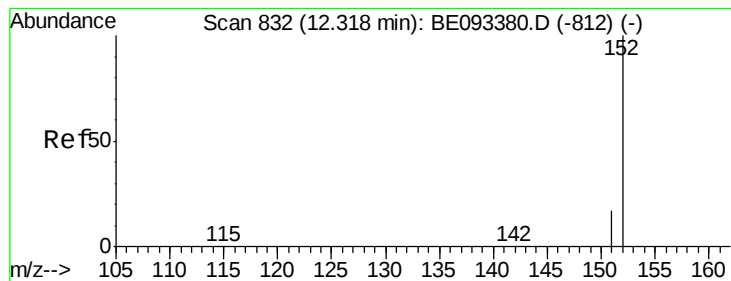


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.374 ng

RT: 12.32 min Scan# 832

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

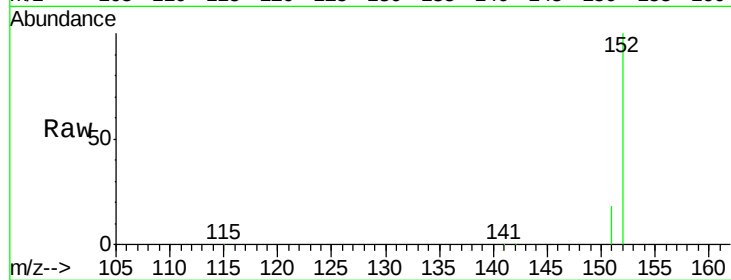
SSTDICC3.2

Tgt Ion:152 Resp: 87191

Ion Ratio Lower Upper

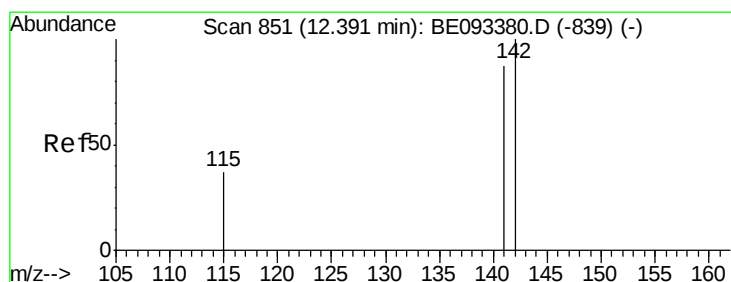
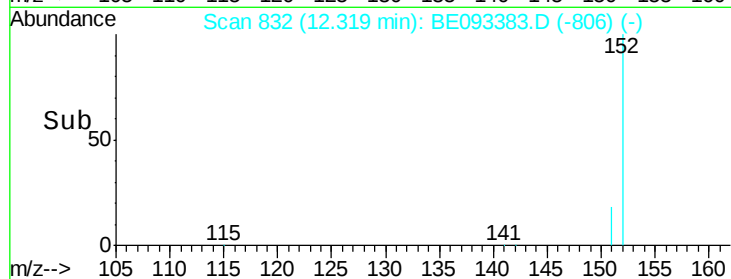
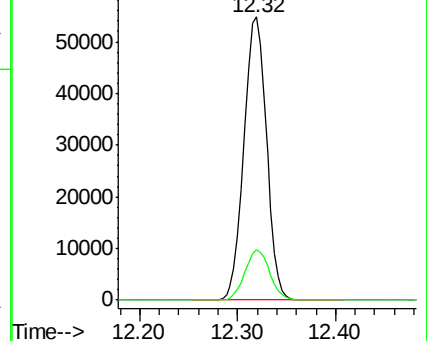
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.393 ng

RT: 12.39 min Scan# 851

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

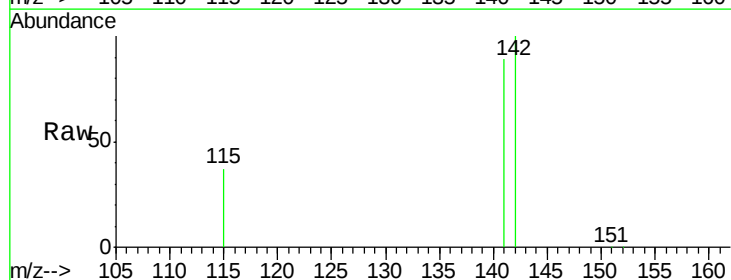
Tgt Ion:142 Resp: 97044

Ion Ratio Lower Upper

142 100

141 89.0 72.6 108.8

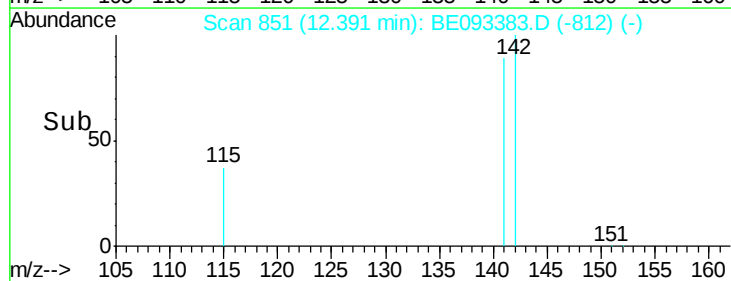
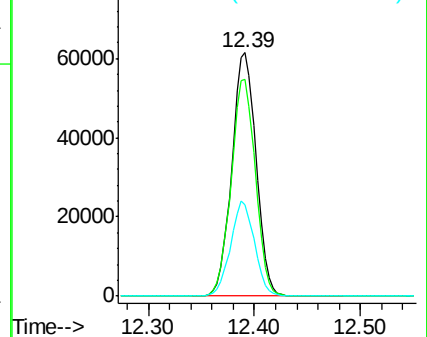
115 37.4 32.2 48.2

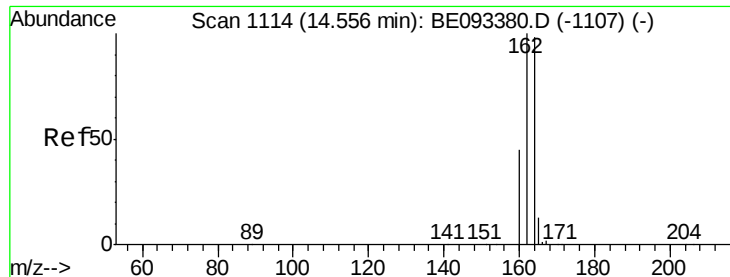


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

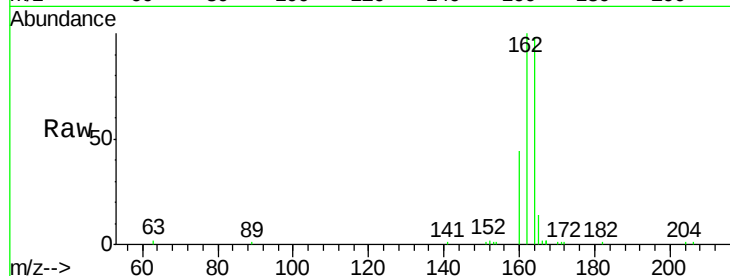
Tgt Ion:164 Resp: 10608

Ion Ratio Lower Upper

164 100

162 102.1 84.6 127.0

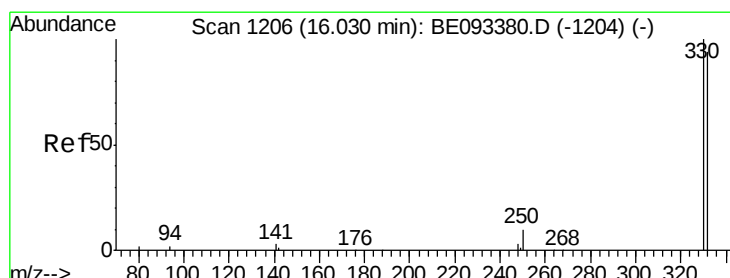
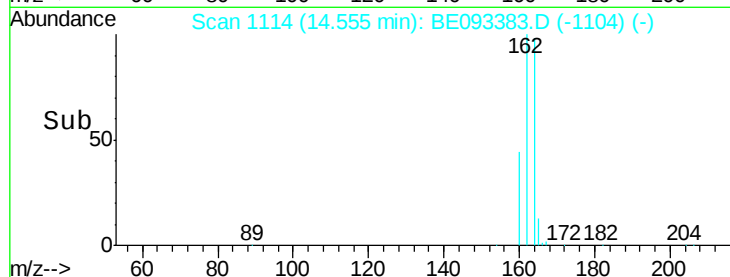
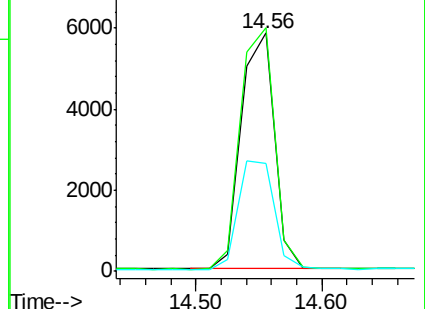
160 45.1 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 4.307 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

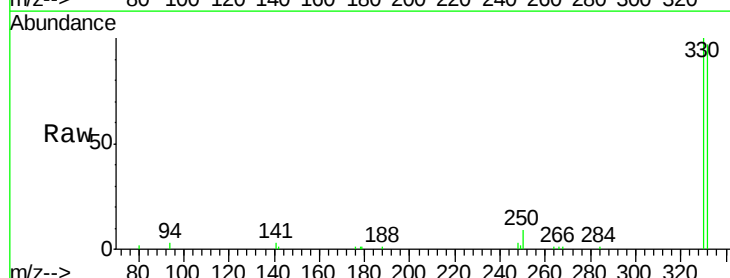
Tgt Ion:330 Resp: 18564

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

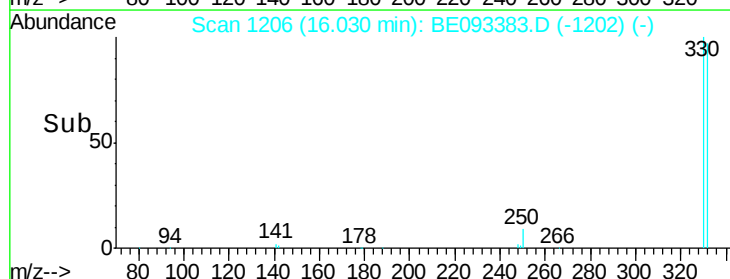
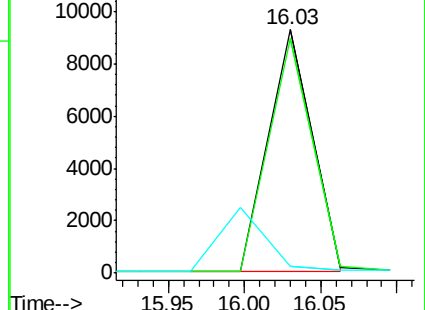
141 0.0 56.2 84.4#

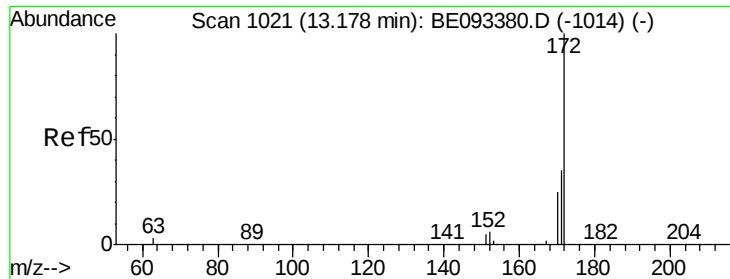


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

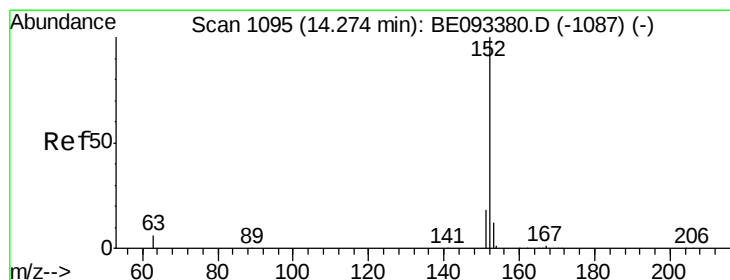
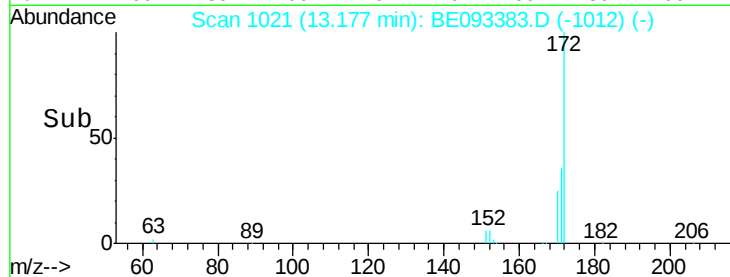
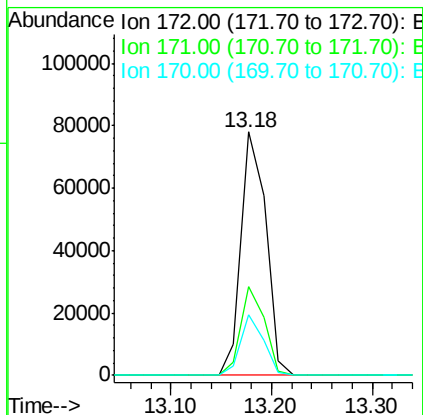
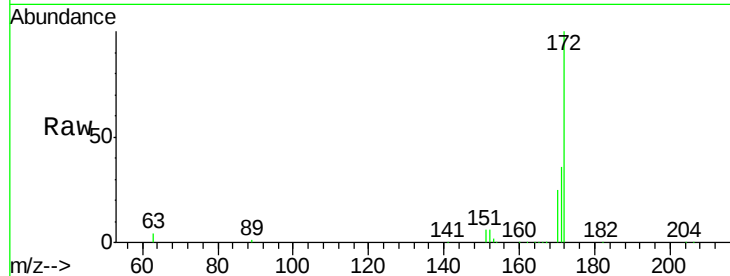




#15
2-Fluorobiphenyl
Concen: 3.228 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

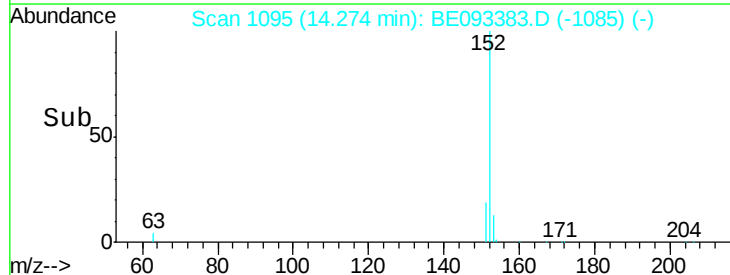
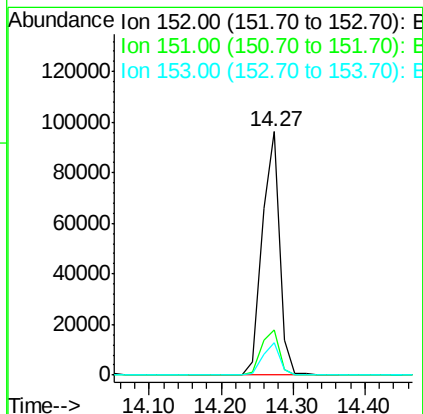
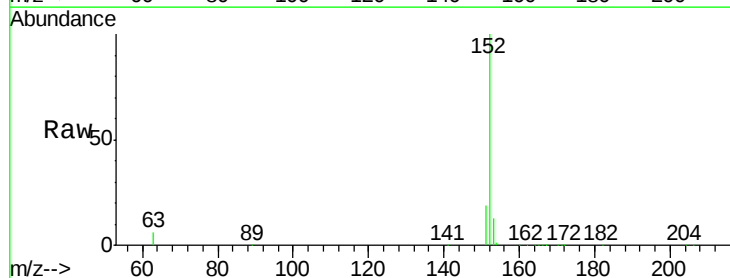
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

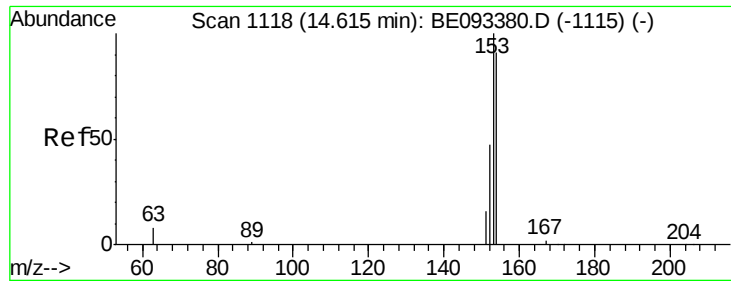
Tgt Ion:172 Resp: 133833
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.9 20.7 31.1



#16
Acenaphthylene
Concen: 3.629 ng
RT: 14.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:152 Resp: 163677
Ion Ratio Lower Upper
152 100
151 19.4 4.0 6.0#
153 13.0 10.3 15.5

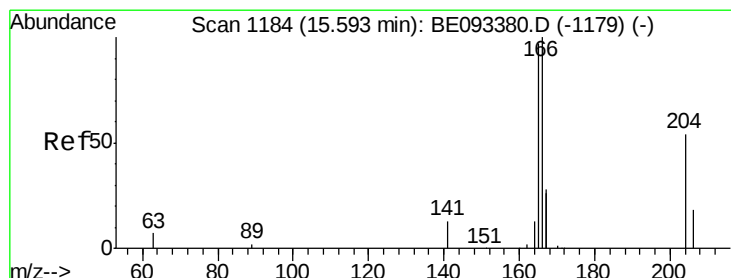
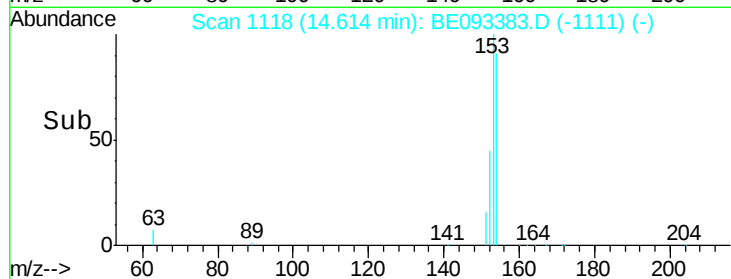
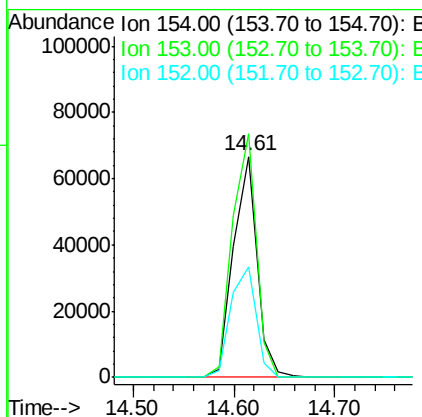
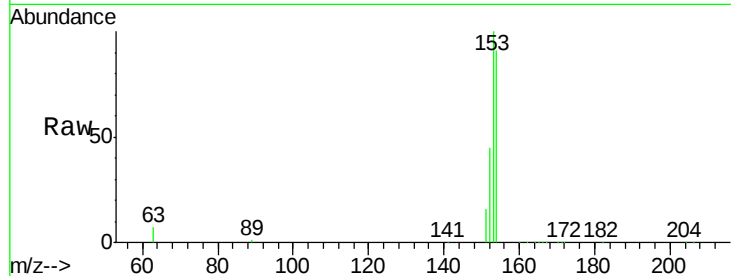




#17
Acenaphthene
Concen: 3.352 ng
RT: 14.61 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

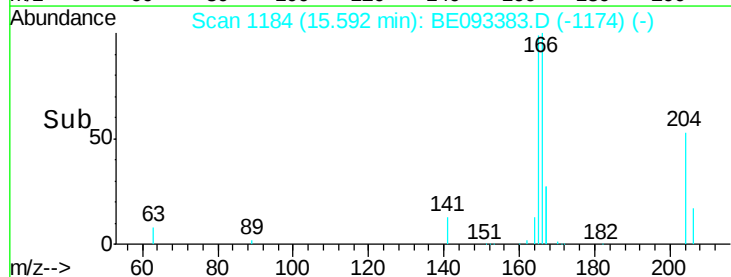
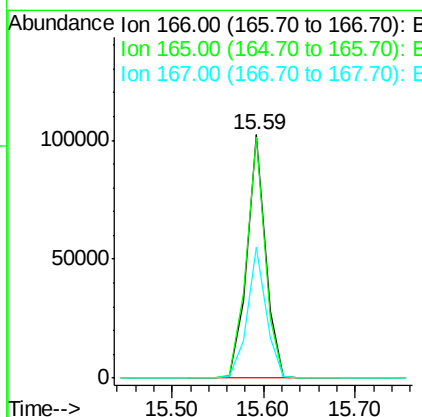
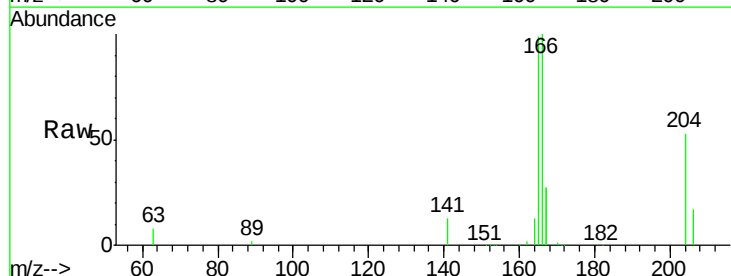
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

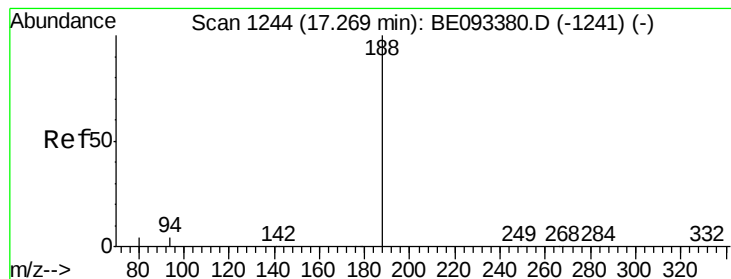
Tgt Ion:154 Resp: 107975
Ion Ratio Lower Upper
154 100
153 112.0 91.2 136.8
152 53.8 44.8 67.2



#18
Fluorene
Concen: 3.293 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:166 Resp: 146317
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 53.8 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

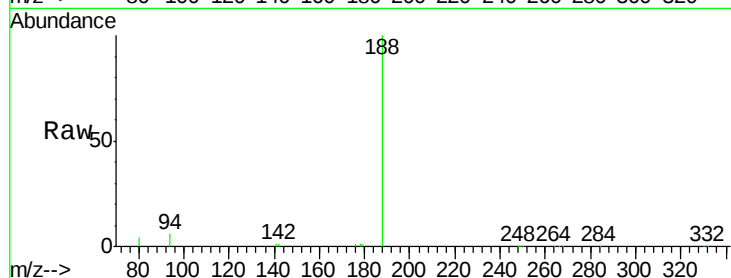
Tgt Ion:188 Resp: 39249

Ion Ratio Lower Upper

188 100

94 6.0 11.3 16.9#

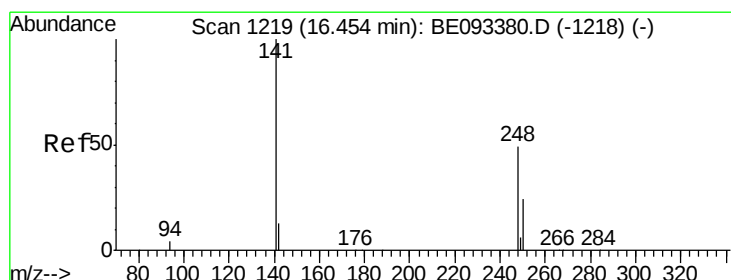
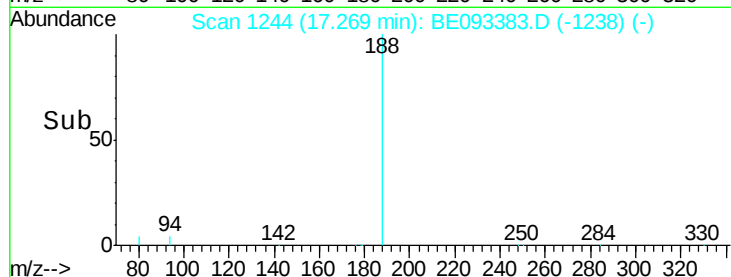
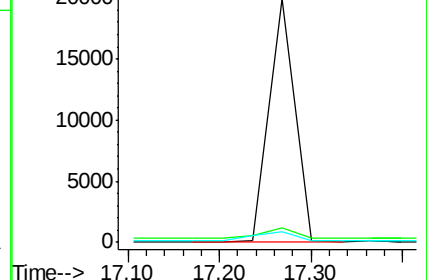
80 4.3 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 4.282 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

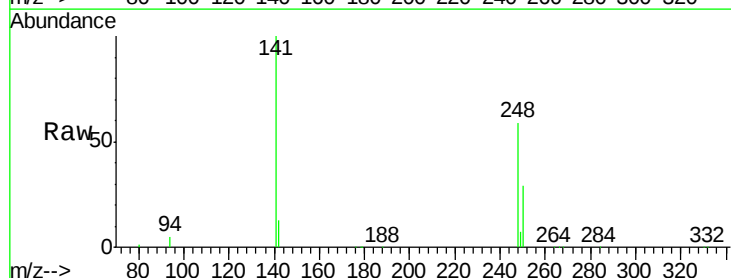
Tgt Ion:248 Resp: 36240

Ion Ratio Lower Upper

248 100

250 49.7 40.8 61.2

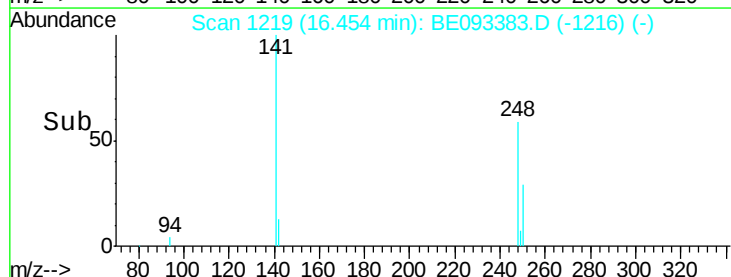
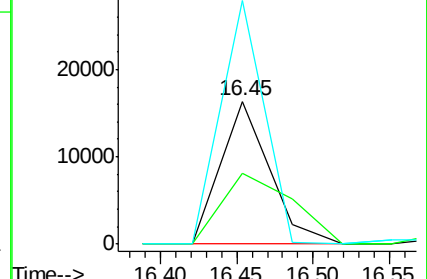
141 170.3 161.6 242.4

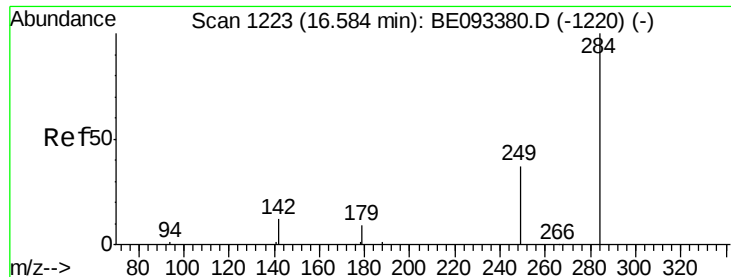


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

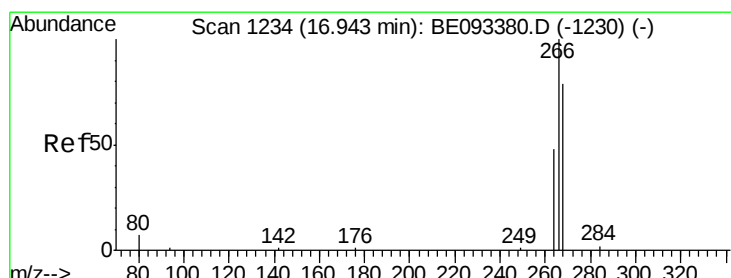
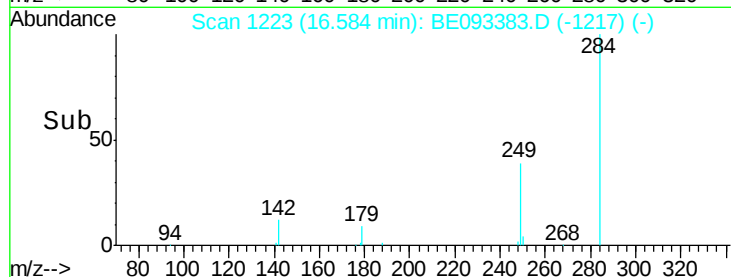
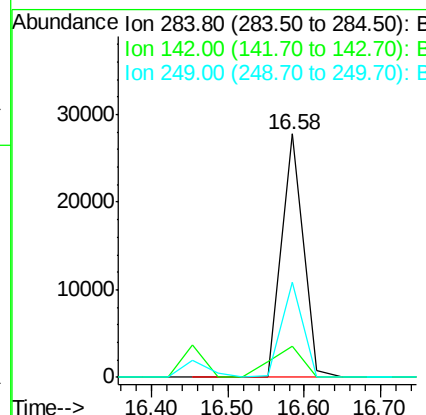
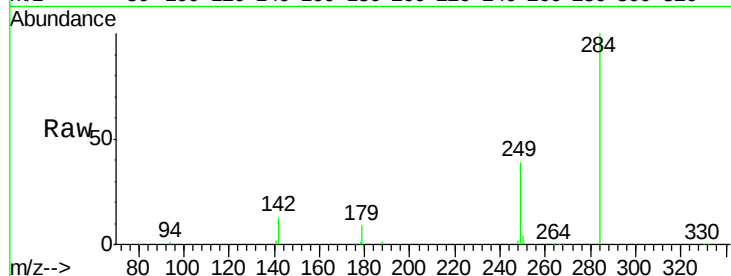




#21
Hexachlorobenzene
Concen: 3.829 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

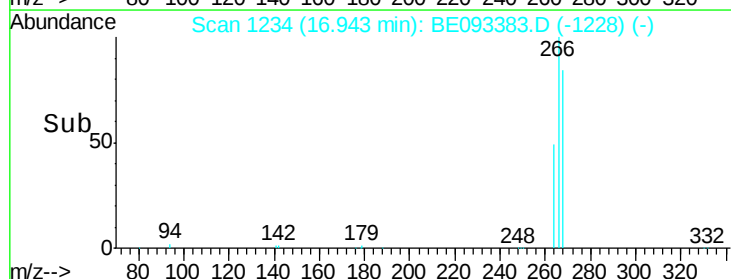
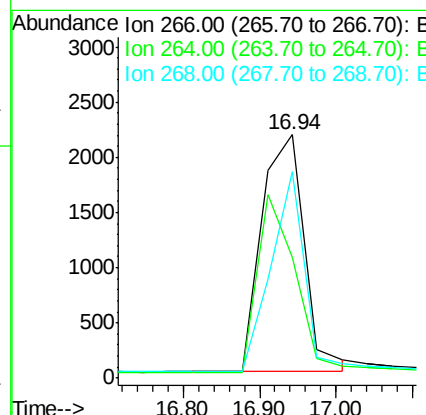
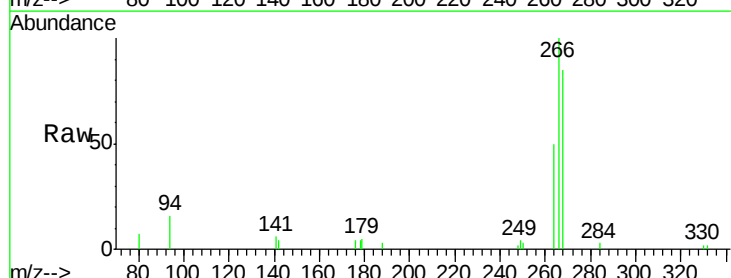
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

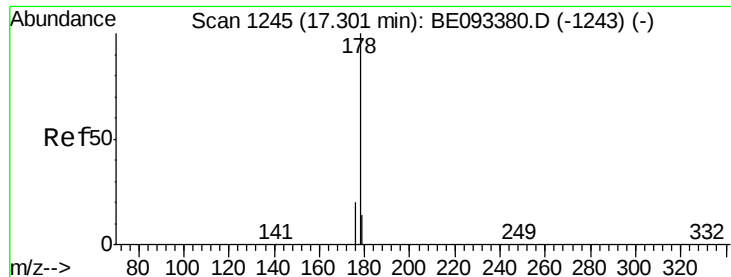
Tgt Ion:284 Resp: 55671
Ion Ratio Lower Upper
284 100
142 18.4 0.0 0.0#
249 37.9 0.0 0.0#



#22
Pentachlorophenol
Concen: 5.325 ng
RT: 16.94 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:266 Resp: 8361
Ion Ratio Lower Upper
266 100
264 49.7 58.2 87.2#
268 84.9 71.9 107.9





#23

Phenanthrene

Concen: 3.631 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

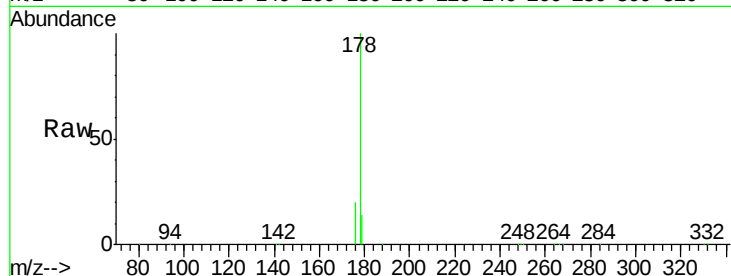
Tgt Ion:178 Resp: 337287

Ion Ratio Lower Upper

178 100

176 20.2 15.0 22.4

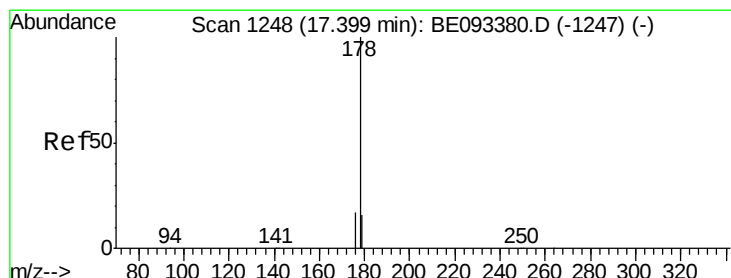
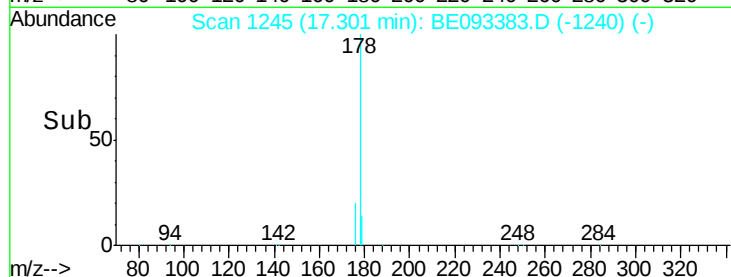
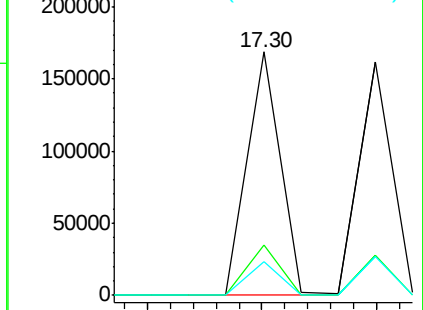
179 14.1 12.7 19.1



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: 3.359 ng

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

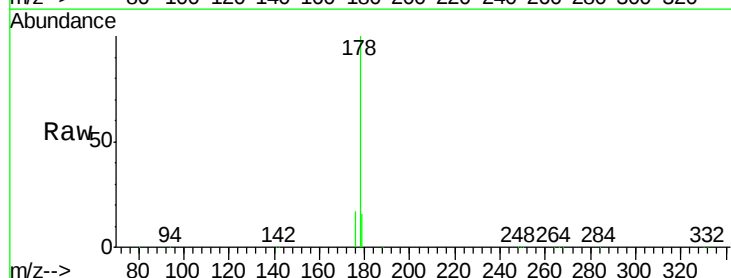
Tgt Ion:178 Resp: 318335

Ion Ratio Lower Upper

178 100

176 16.9 14.6 22.0

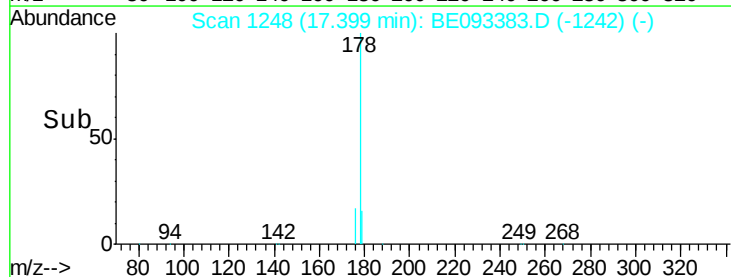
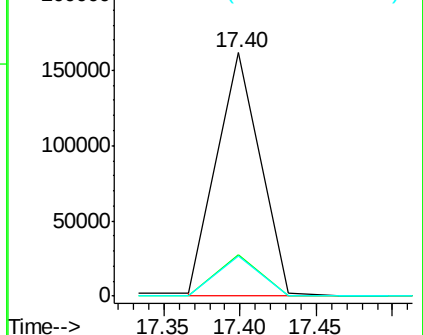
179 16.4 12.0 18.0

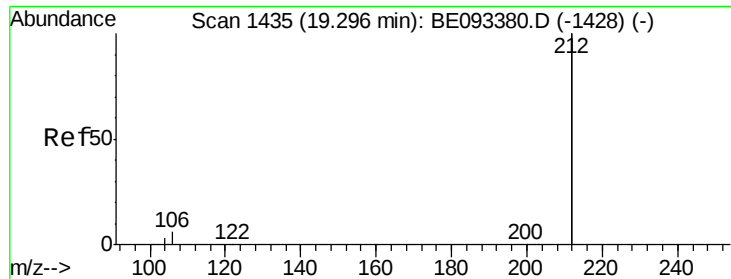


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.512 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

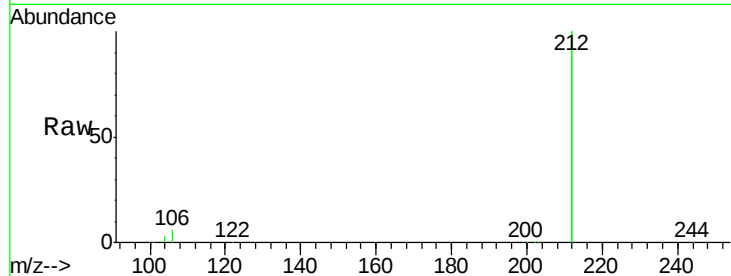
Tgt Ion:212 Resp: 1250844

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

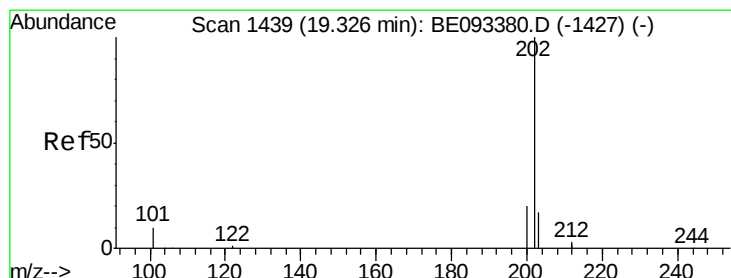
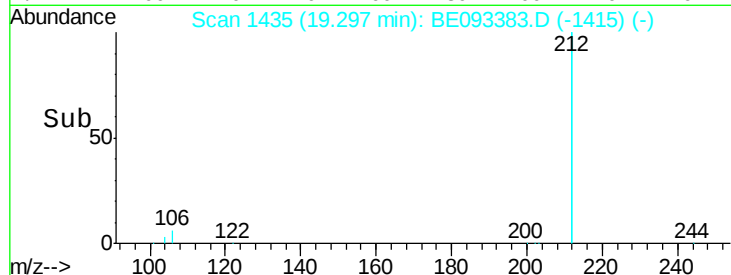
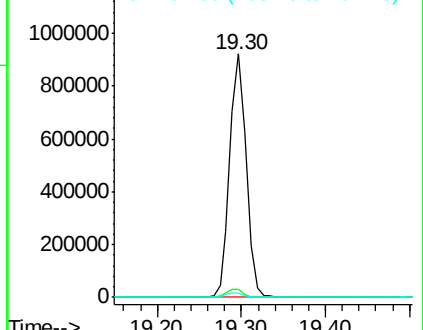
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.541 ng

RT: 19.33 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

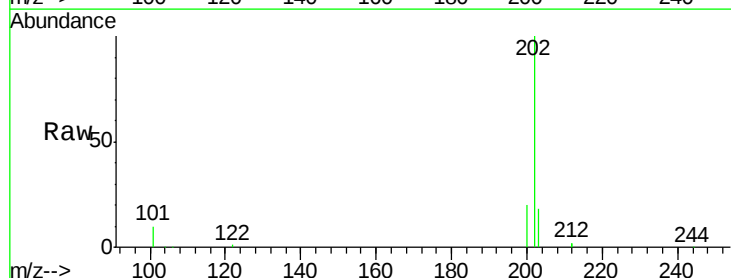
Tgt Ion:202 Resp: 358019

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

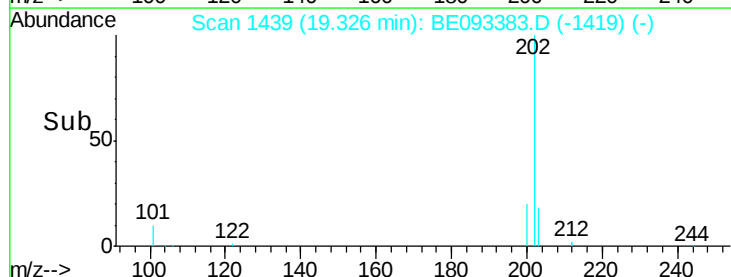
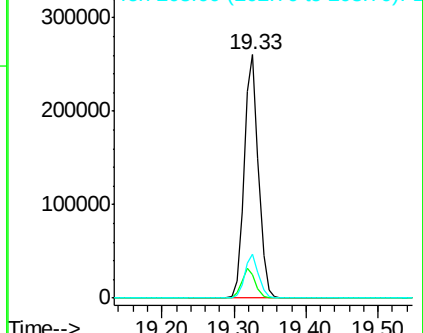
203 17.4 14.4 21.6

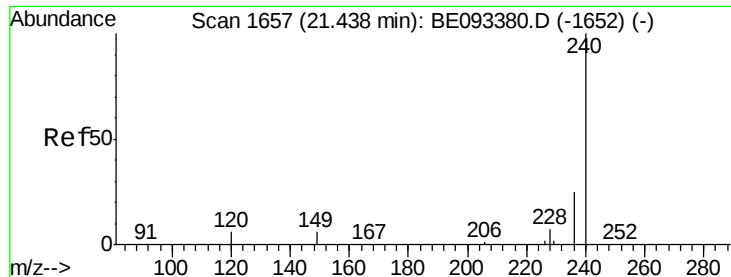


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

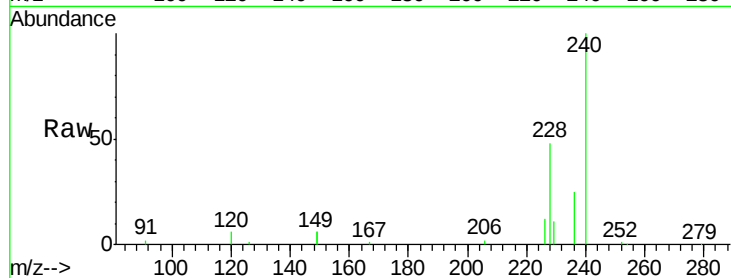
Tgt Ion:240 Resp: 40866

Ion Ratio Lower Upper

240 100

120 6.2 4.6 7.0

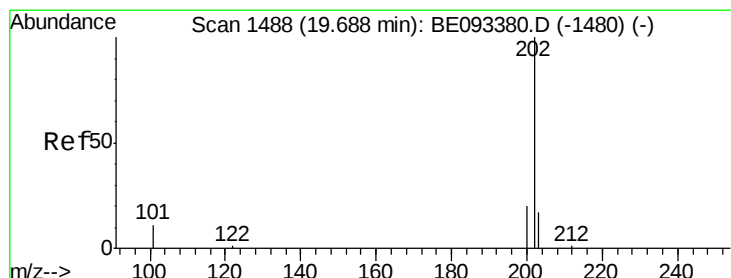
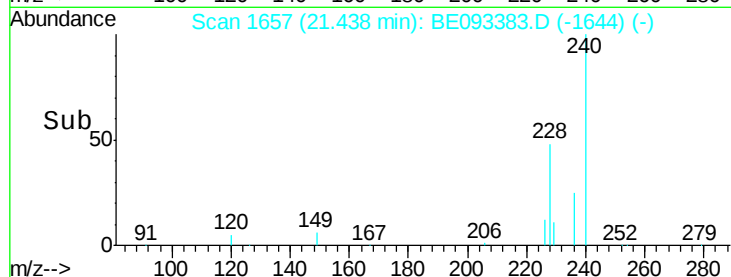
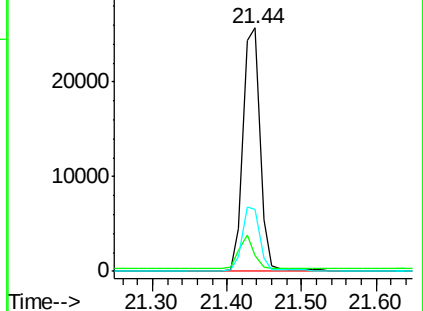
236 25.3 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.433 ng

RT: 19.68 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

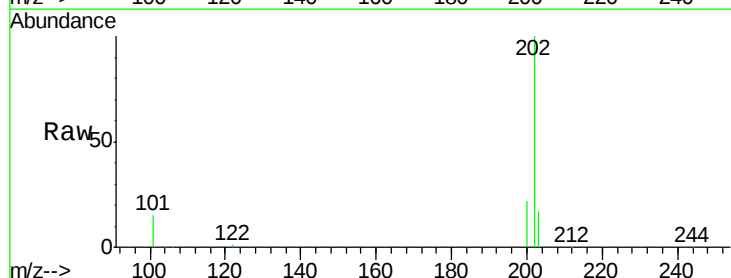
Tgt Ion:202 Resp: 365756

Ion Ratio Lower Upper

202 100

200 21.1 0.0 0.0#

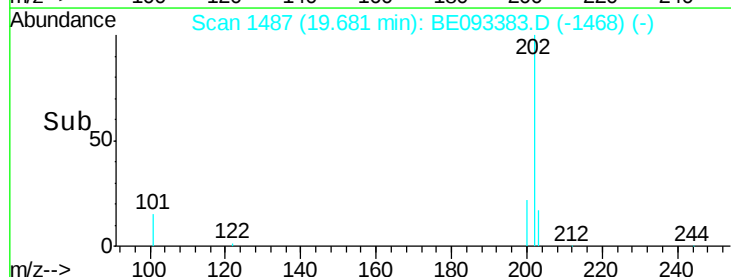
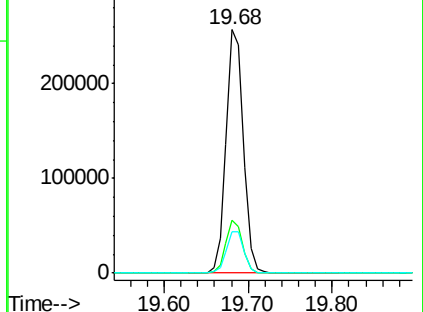
203 17.6 13.7 20.5

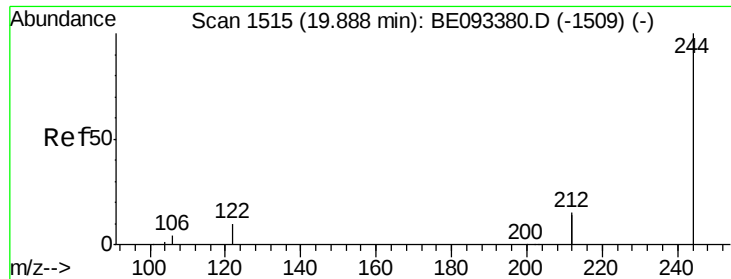


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.350 ng

RT: 19.89 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

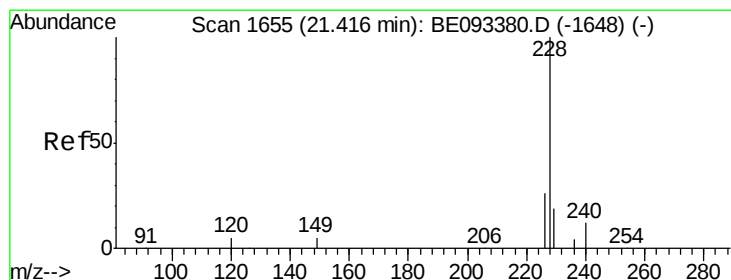
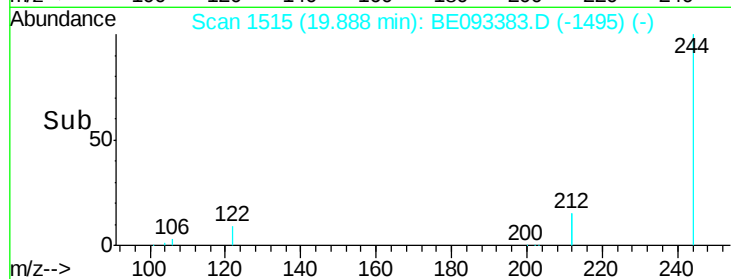
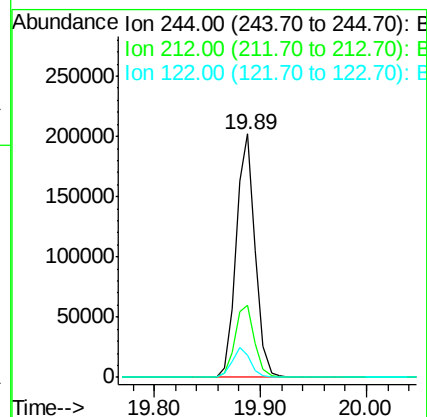
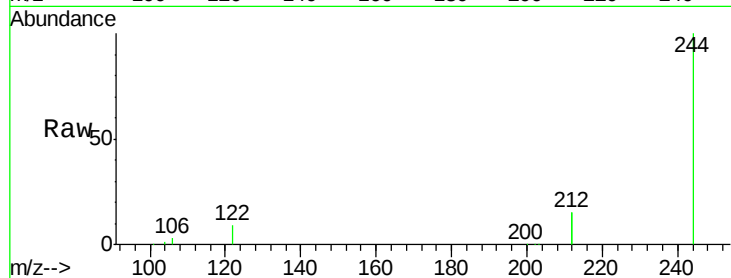
Tgt Ion:244 Resp: 251876

Ion Ratio Lower Upper

244 100

212 29.4 10.6 16.0#

122 9.0 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 3.427 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

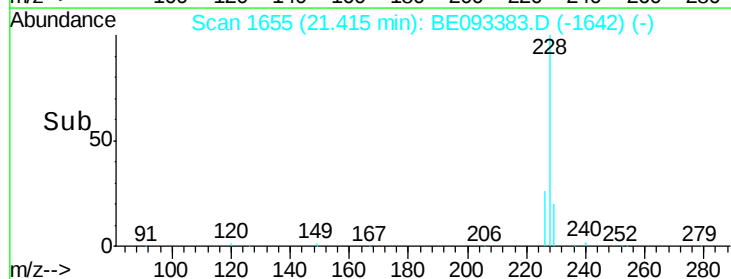
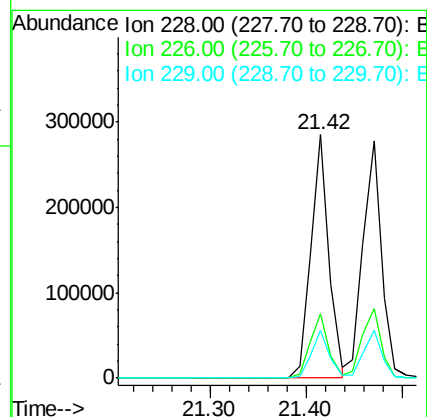
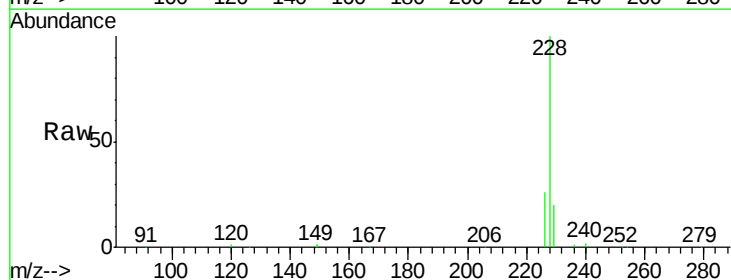
Tgt Ion:228 Resp: 376560

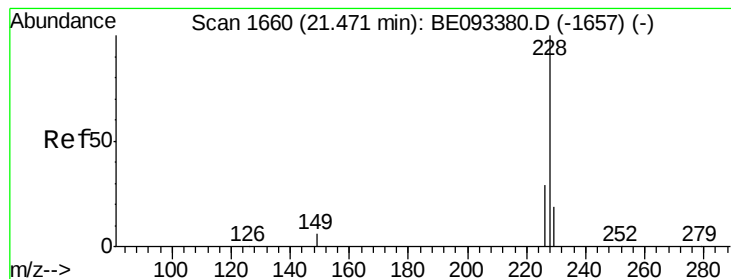
Ion Ratio Lower Upper

228 100

226 26.4 19.7 29.5

229 19.9 19.2 28.8





#31

Chrysene

Concen: 3.278 ng

RT: 21.47 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

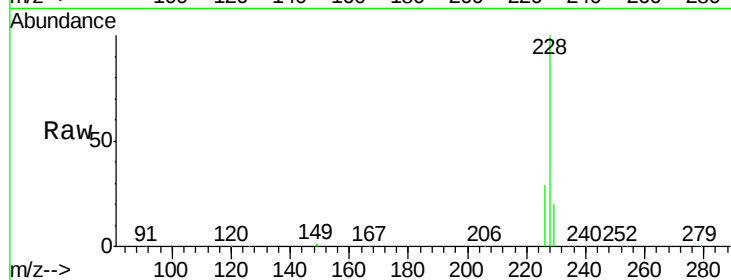
Tgt Ion: 228 Resp: 379152

Ion Ratio Lower Upper

228 100

226 29.1 21.5 32.3

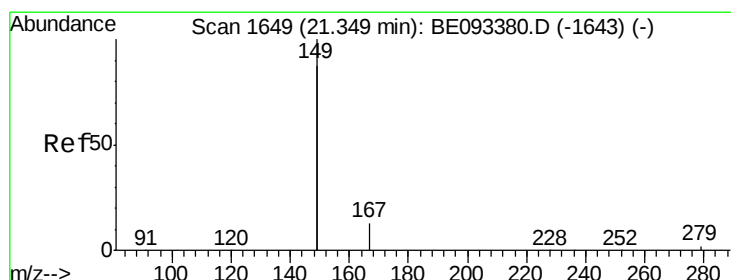
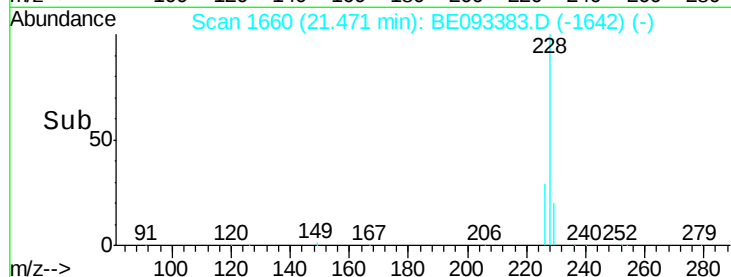
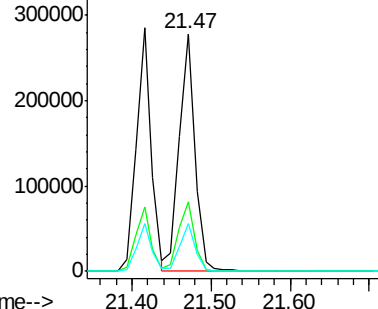
229 19.9 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.154 ng

RT: 21.35 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

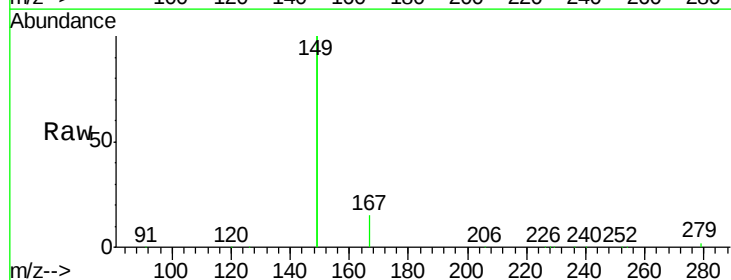
Tgt Ion: 149 Resp: 651928

Ion Ratio Lower Upper

149 100

167 6.7 20.1 30.1#

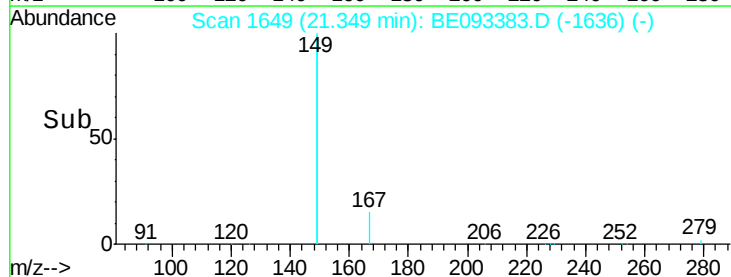
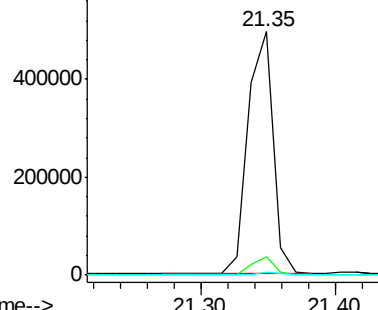
279 1.0 2.2 3.4#

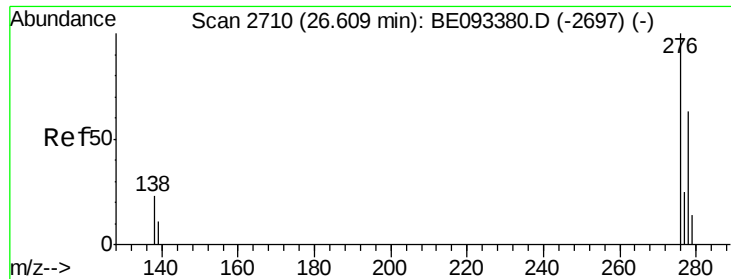


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

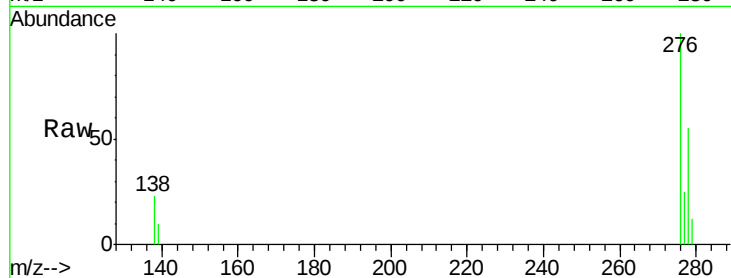




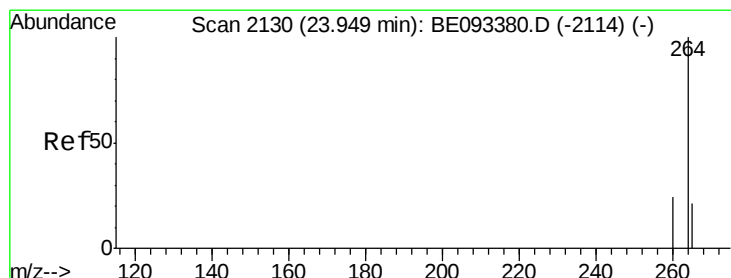
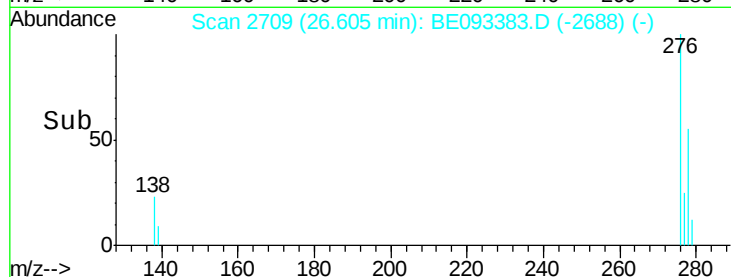
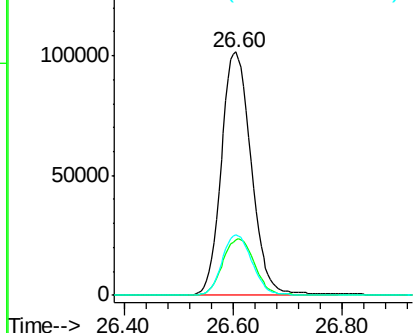
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.438 ng
 RT: 26.60 min Scan# 2709
 Delta R.T. -0.00 min
 Lab File: BE093383.D
 Acq: 30 Jun 2017 19:04

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:276 Resp: 385710
 Ion Ratio Lower Upper
 276 100
 138 24.6 27.4 41.2#
 277 25.1 20.1 30.1

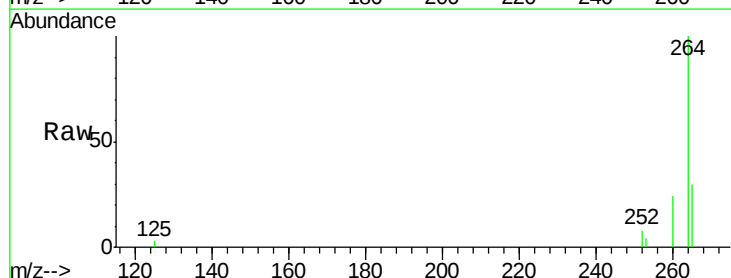


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

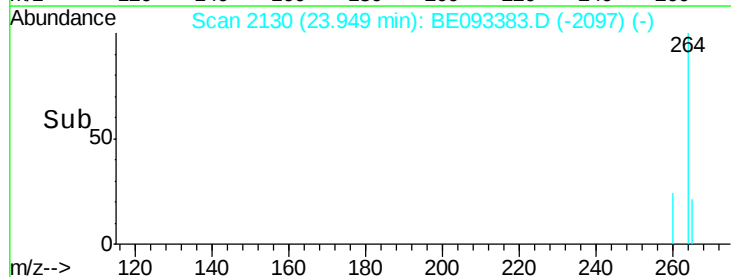
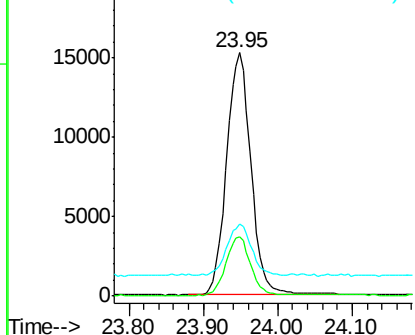


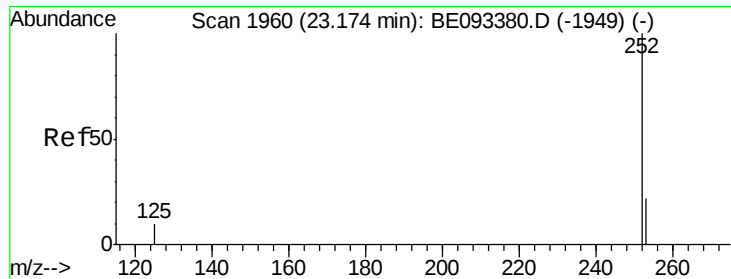
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BE093383.D
 Acq: 30 Jun 2017 19:04

Tgt Ion:264 Resp: 34619
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.0 31.4
 265 29.9 24.6 36.8



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

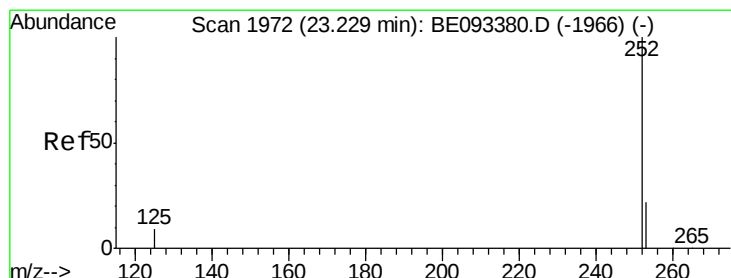
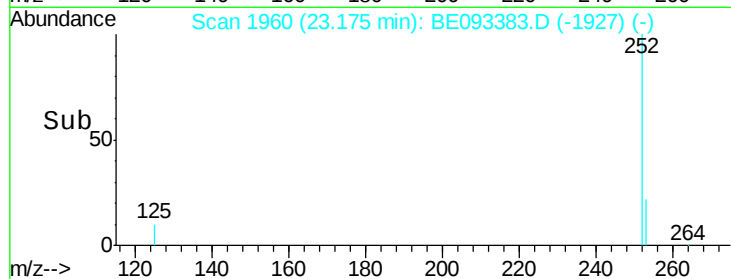
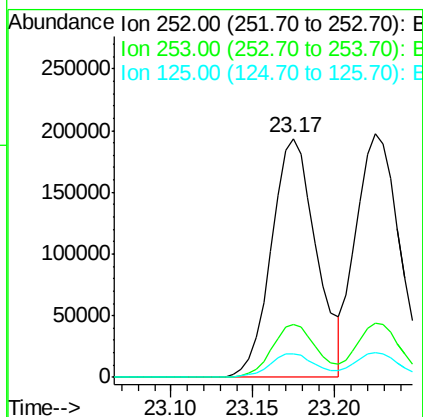
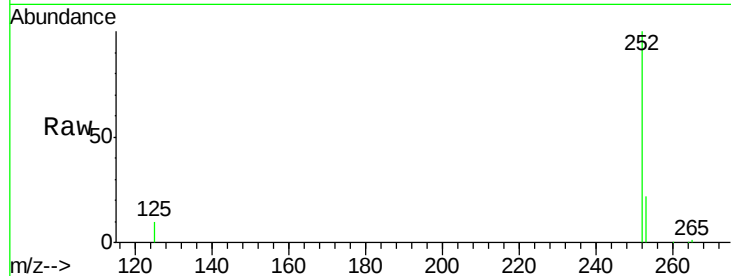




#35
Benzo(b)fluoranthene
Concen: 3.443 ng
RT: 23.17 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

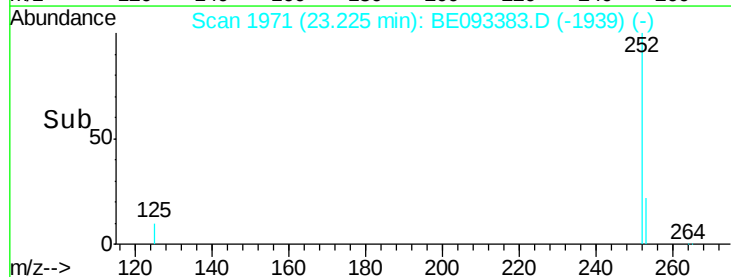
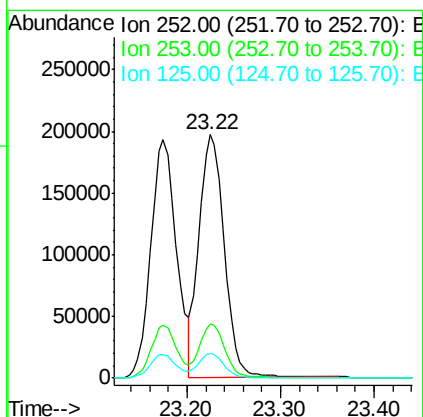
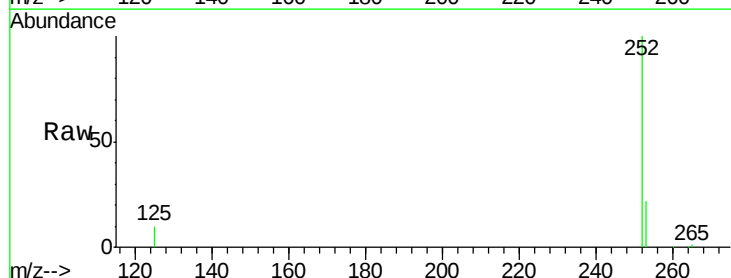
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

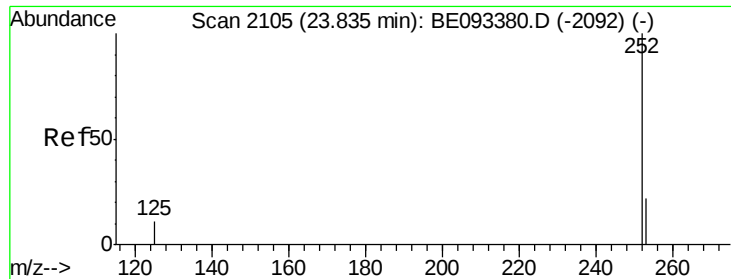
Tgt Ion:252 Resp: 369493
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 10.1 13.4 20.0#



#36
Benzo(k)fluoranthene
Concen: 3.407 ng
RT: 23.22 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:252 Resp: 367712
Ion Ratio Lower Upper
252 100
253 22.2 20.3 30.5
125 10.0 12.2 18.4#





#37

Benzo(a)pyrene

Concen: 3.518 ng

RT: 23.83 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

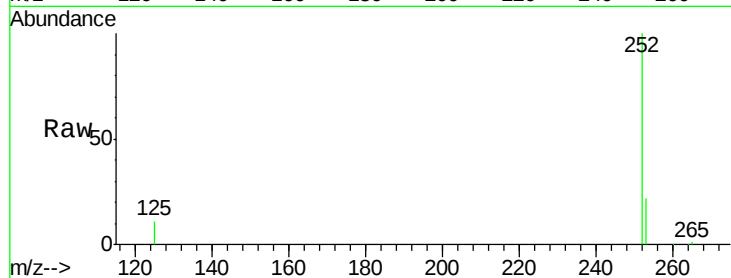
Tgt Ion:252 Resp: 334159

Ion Ratio Lower Upper

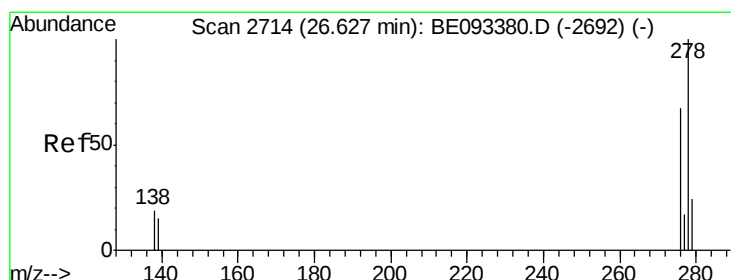
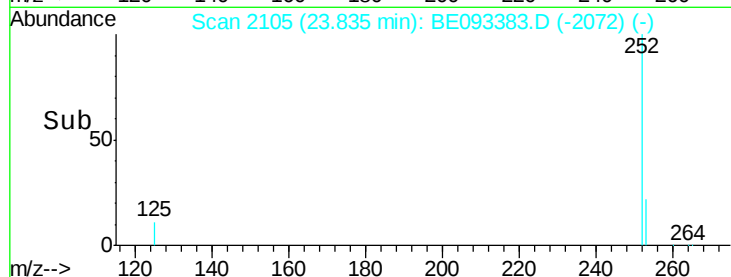
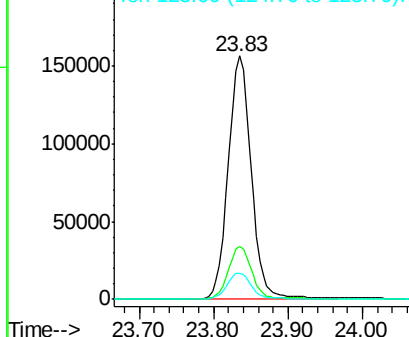
252 100

253 22.0 19.9 29.9

125 10.9 14.6 21.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 3.595 ng

RT: 26.63 min Scan# 2714

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

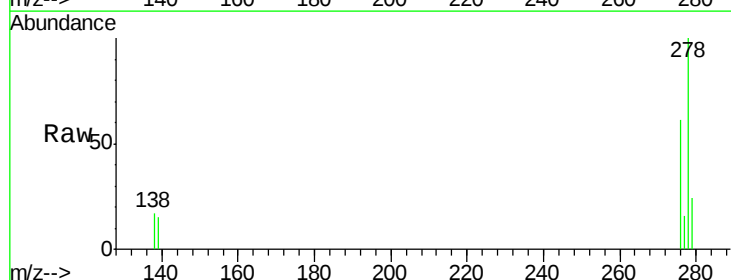
Tgt Ion:278 Resp: 346479

Ion Ratio Lower Upper

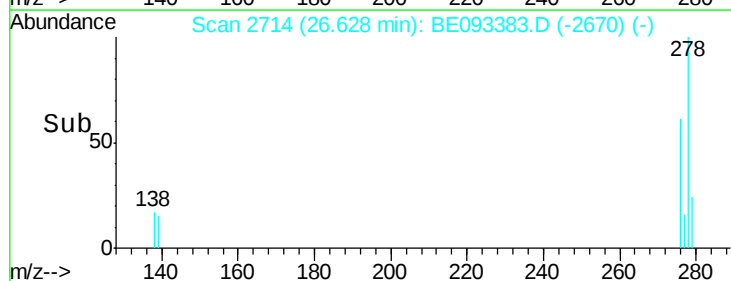
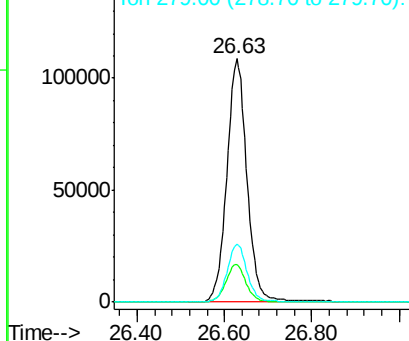
278 100

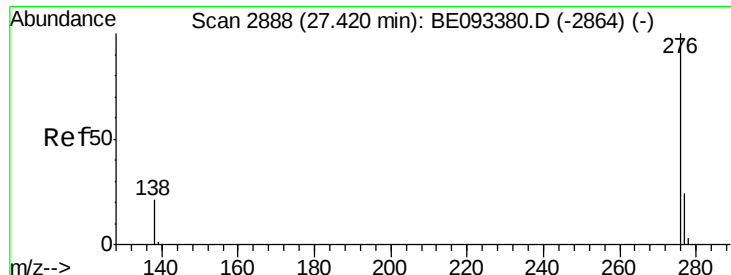
139 15.4 21.4 32.0#

279 23.8 22.2 33.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 3.441 ng

RT: 27.42 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BE093383.D

Acq: 30 Jun 2017 19:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

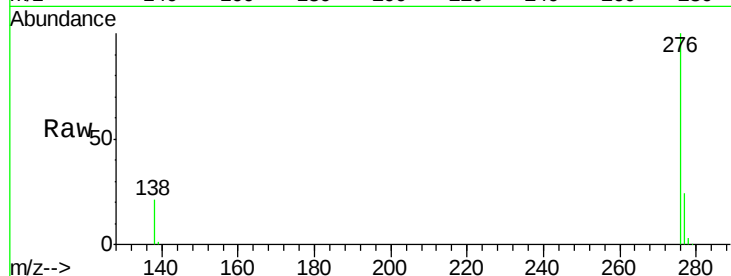
Tgt Ion: 276 Resp: 341061

Ion Ratio Lower Upper

276 100

277 23.8 21.2 31.8

138 20.5 24.5 36.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

