

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093384.D
 Acq On : 30 Jun 2017 19:40
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE070117

Quant Time: Jun 30 20:29:28 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 20:00:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	2874	0.40	ng	0.00
7) Naphthalene-d8	10.74	136	13935	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8755	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	34898	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36724	0.40	ng	-0.01
34) Perylene-d12	23.94	264	32169	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	3631	0.41	ng	0.00
5) Phenol-d6	7.10	99	5320	0.40	ng	0.00
8) Nitrobenzene-d5	9.09	82	3753	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.32	152	9201	0.41	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.18	172	14337	0.42	ng	0.00
25) Fluoranthene-d10	19.30	212	137609	0.43	ng	0.00
29) Terphenyl-d14	19.88	244	28533	0.42	ng	0.00

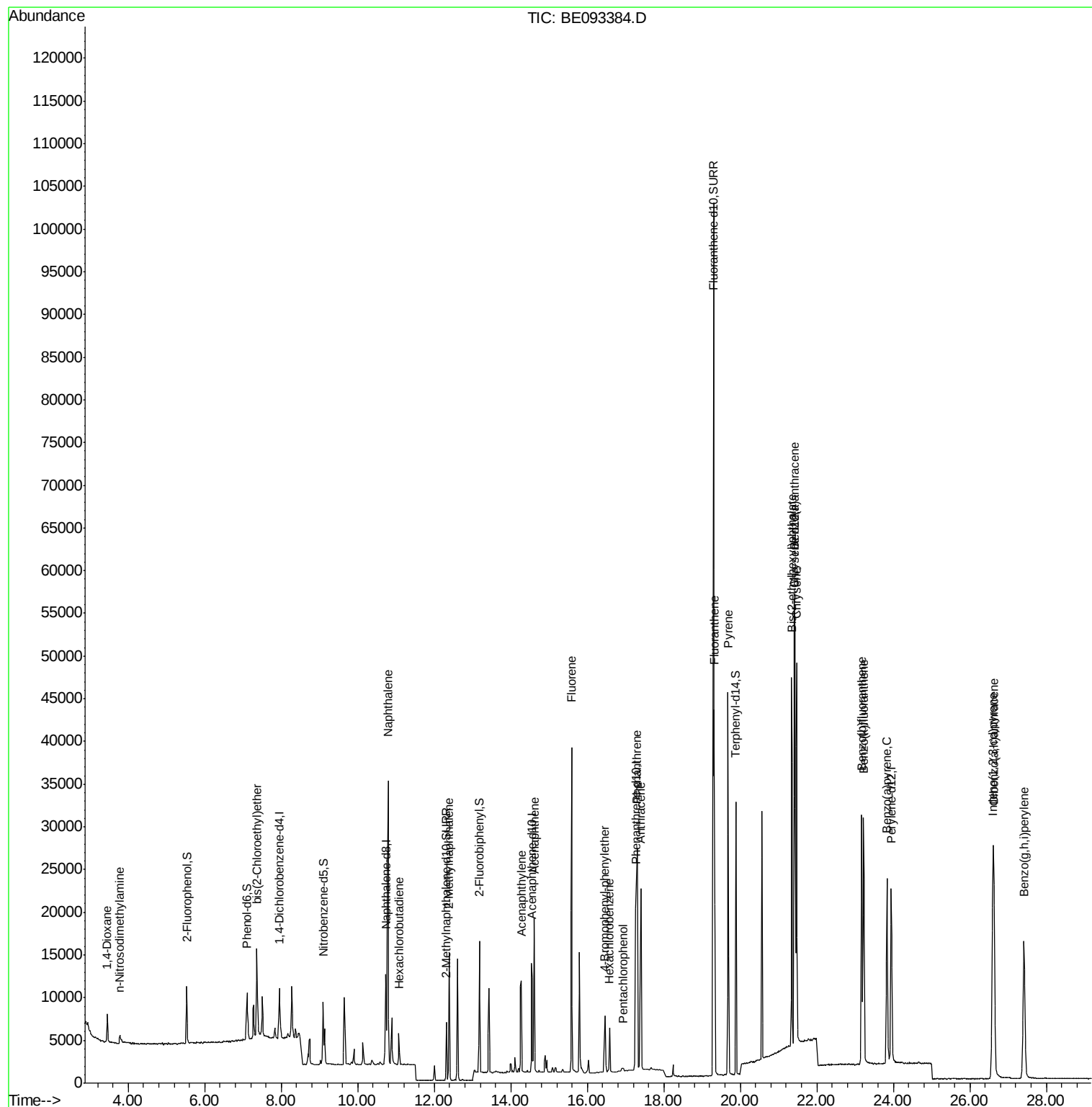
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	2402	0.405	ng	94
3) n-Nitrosodimethylamine	3.77	42	1261	0.407	ng	# 1
6) bis(2-Chloroethyl)ether	7.37	93	3771	0.400	ng	# 95
9) Naphthalene	10.79	128	60363	0.417	ng	# 73
10) Hexachlorobutadiene	11.08	225	2470	0.424	ng	96
12) 2-Methylnaphthalene	12.39	142	10217	0.414	ng	97
16) Acenaphthylene	14.27	152	14985	0.394	ng	# 88
17) Acenaphthene	14.61	154	11000	0.411	ng	99
18) Fluorene	15.59	166	15197	0.412	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	3948	0.499	ng	81
21) Hexachlorobenzene	16.58	284	6542	0.490	ng	# 100
22) Pentachlorophenol	16.94	266	571	0.430	ng	# 90
23) Phenanthrene	17.30	178	38754	0.459	ng	97
24) Anthracene	17.40	178	31666	0.373	ng	96
26) Fluoranthene	19.32	202	38996	0.426	ng	99
28) Pyrene	19.68	202	39866	0.411	ng	# 99
30) Benzo(a)anthracene	21.42	228	40708	0.407	ng	95
31) Chrysene	21.47	228	44075	0.422	ng	95
32) Bis(2-ethylhexyl)phthalate	21.34	149	53168	0.359	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.60	276	42585	0.417	ng	# 90
35) Benzo(b)fluoranthene	23.17	252	41959	0.416	ng	# 93
36) Benzo(k)fluoranthene	23.22	252	42216	0.416	ng	# 94
37) Benzo(a)pyrene	23.83	252	36919	0.411	ng	# 93
38) Dibenzo(a,h)anthracene	26.63	278	37685	0.412	ng	# 87
39) Benzo(g,h,i)perylene	27.41	276	38849	0.417	ng	# 88

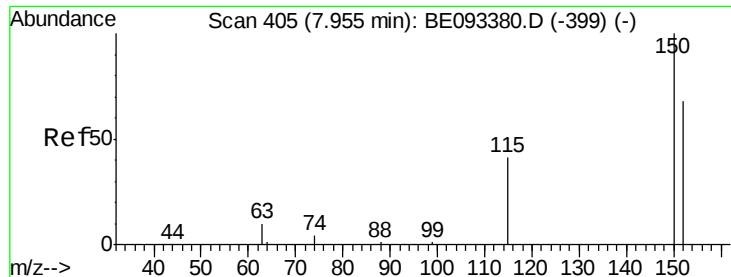
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.95 min Scan# 404

Delta R.T. -0.01 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

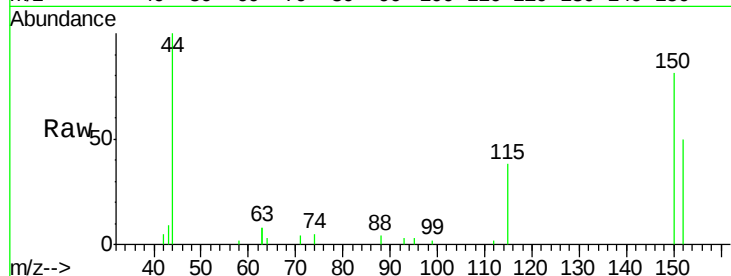
Tgt Ion:152 Resp: 2874

Ion Ratio Lower Upper

152 100

150 161.4 125.1 187.7

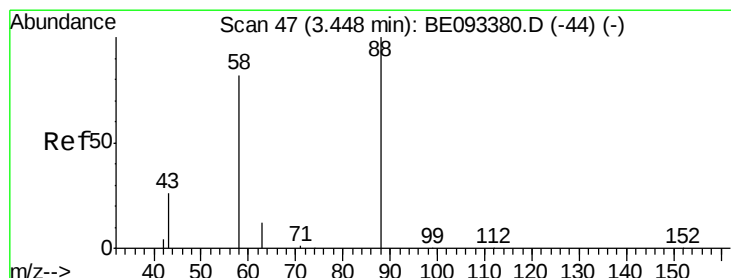
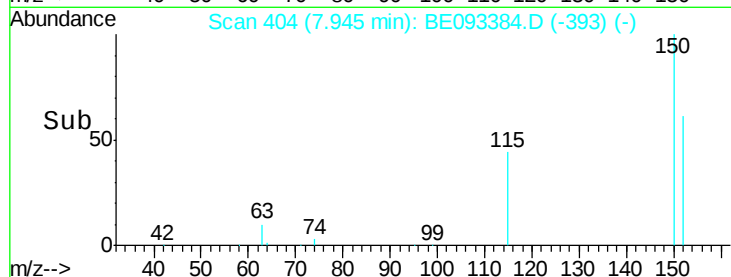
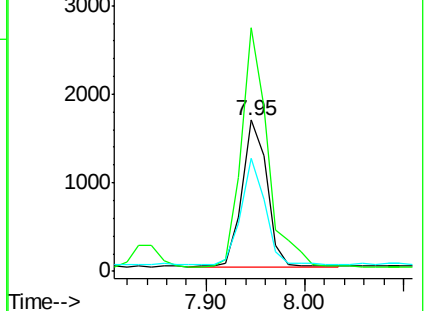
115 75.3 55.7 83.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.405 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

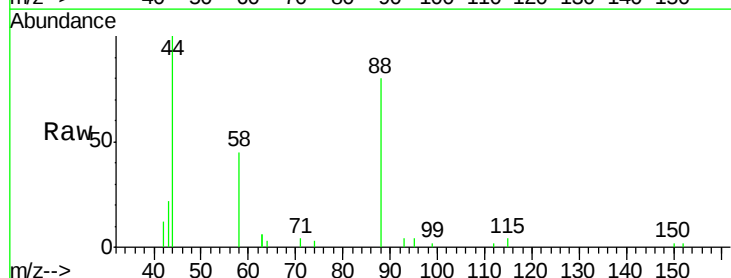
Tgt Ion: 88 Resp: 2402

Ion Ratio Lower Upper

88 100

58 83.9 62.2 93.4

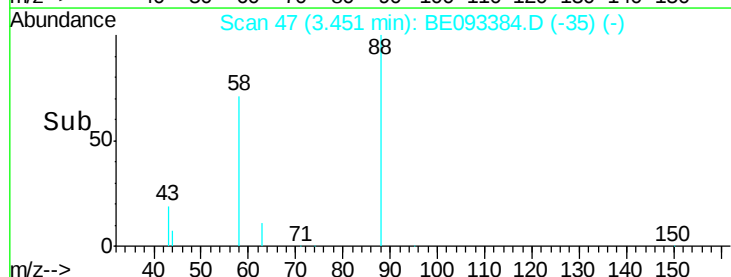
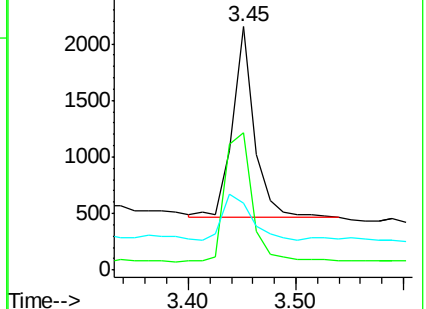
43 31.6 23.2 34.8

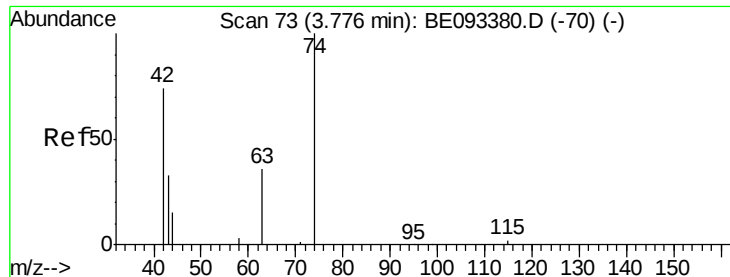


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.407 ng

RT: 3.77 min Scan# 72

Delta R.T. -0.01 min

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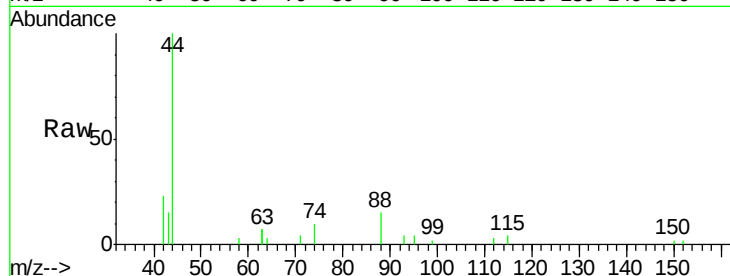
Tgt Ion: 42 Resp: 1261

Ion Ratio Lower Upper

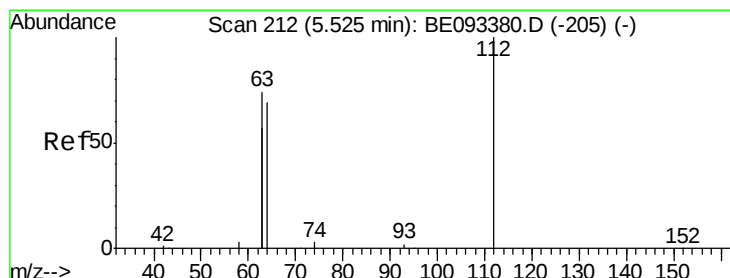
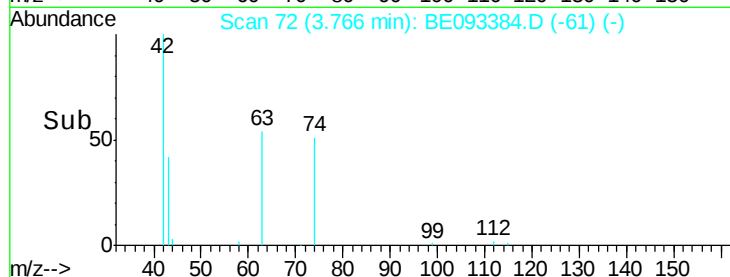
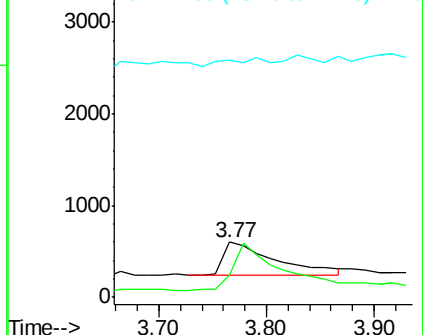
42 100

74 0.0 99.1 148.7#

44 0.0 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: 0.405 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

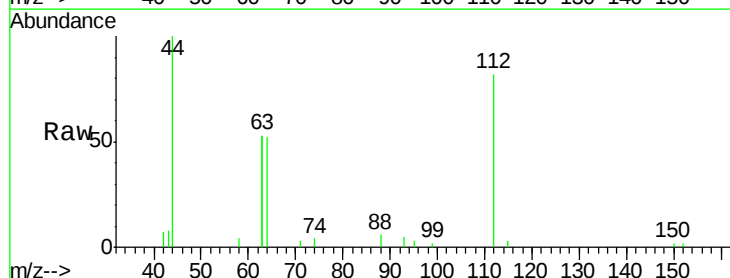
Tgt Ion: 112 Resp: 3631

Ion Ratio Lower Upper

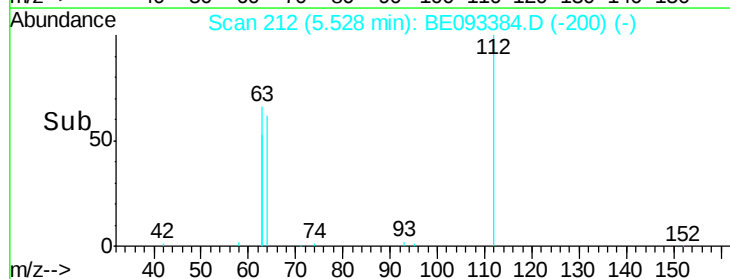
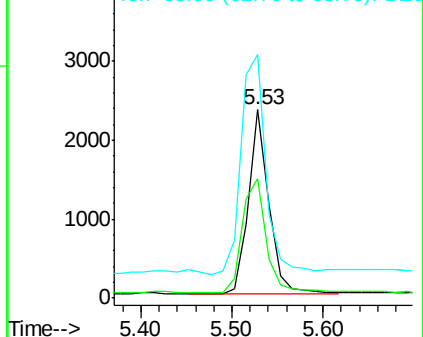
112 100

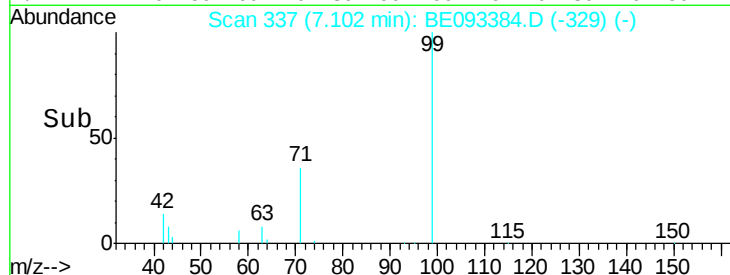
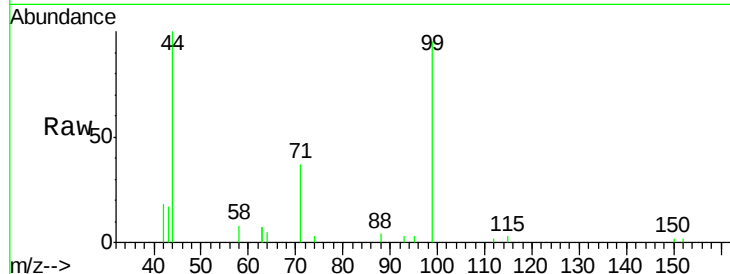
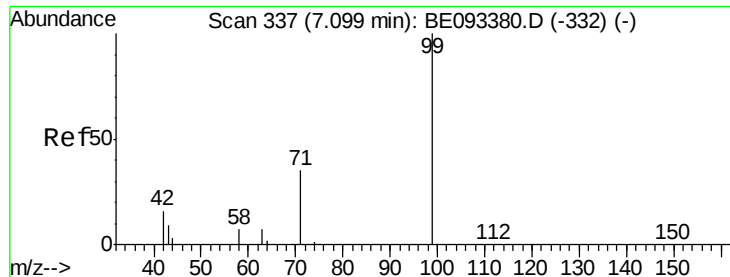
64 70.8 56.4 84.6

63 145.0 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

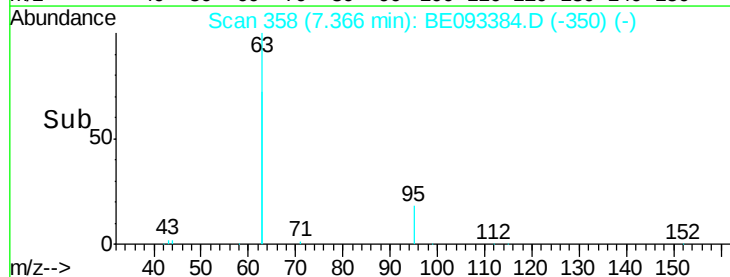
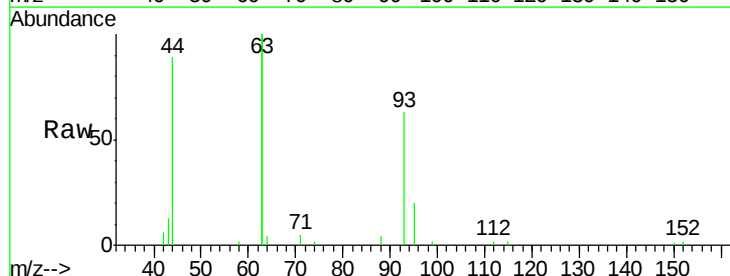
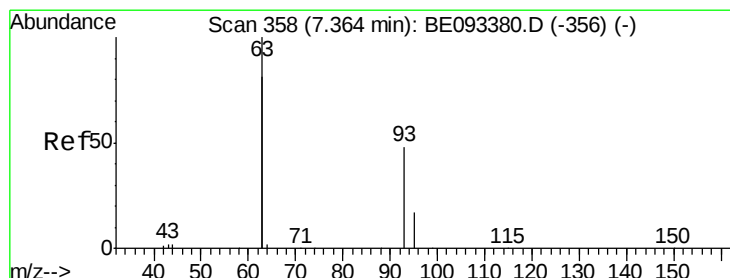
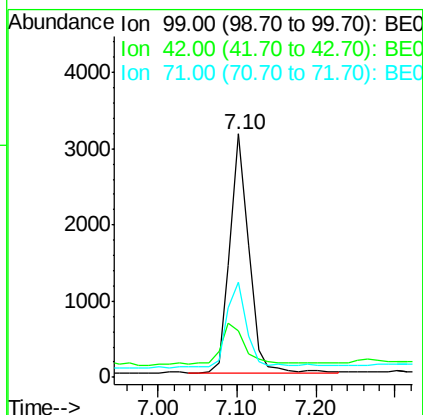




#5
Phenol-d6
Concen: 0.398 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093384.D
Acq: 30 Jun 2017 19:40

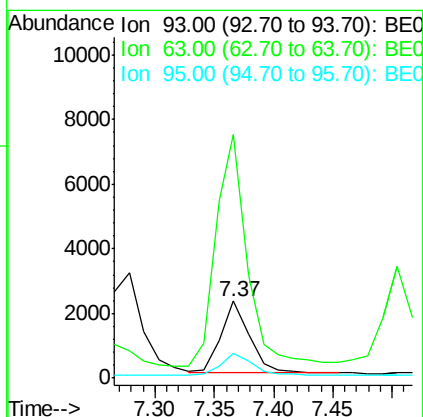
Instrument :
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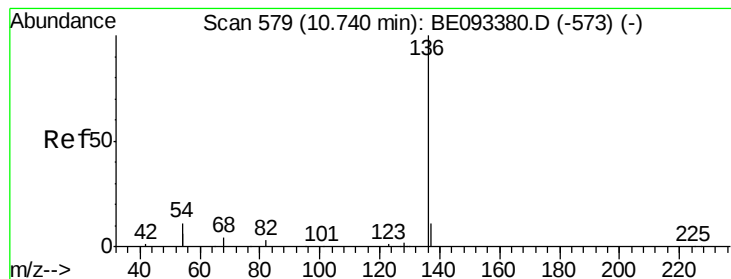
Tgt Ion: 99 Resp: 5320
Ion Ratio Lower Upper
99 100
42 19.6 0.0 0.0#
71 37.4 0.0 0.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.37 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE093384.D
Acq: 30 Jun 2017 19:40

Tgt Ion: 93 Resp: 3771
Ion Ratio Lower Upper
93 100
63 351.0 0.0 0.0#
95 34.3 25.4 38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

Tgt Ion:136 Resp: 13935

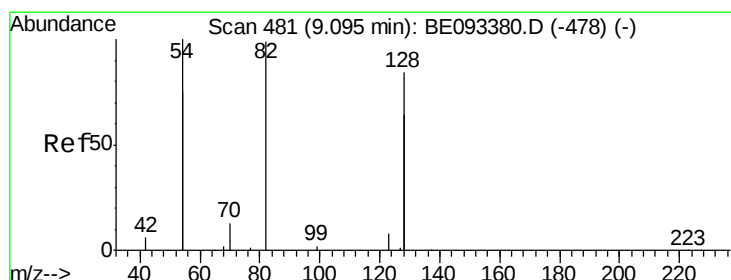
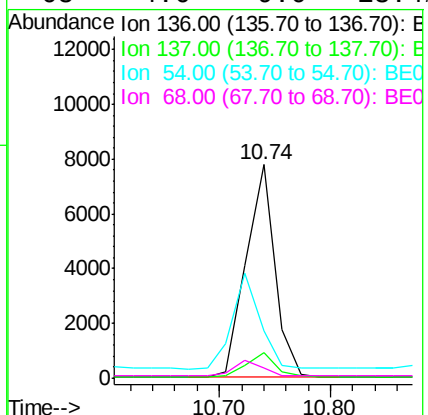
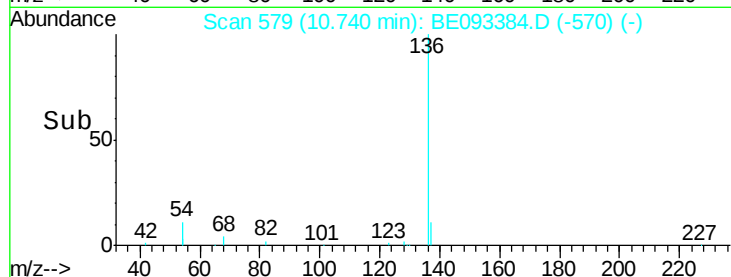
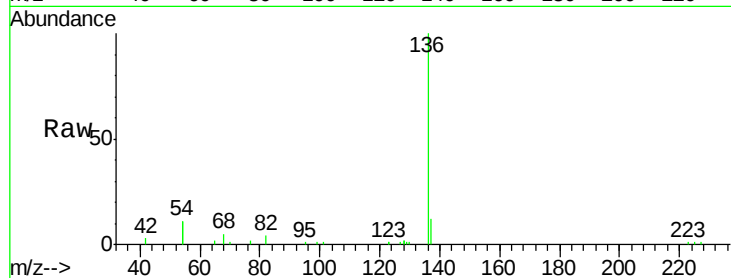
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 22.1 10.3 15.5#

68 4.6 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.452 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

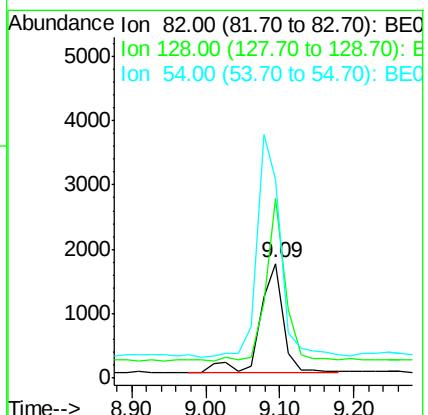
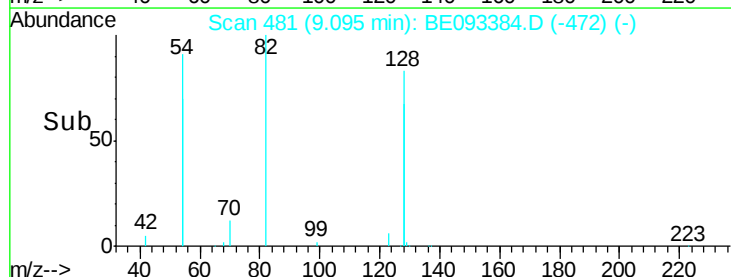
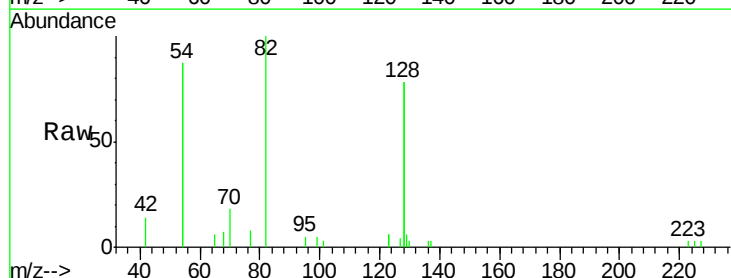
Tgt Ion: 82 Resp: 3753

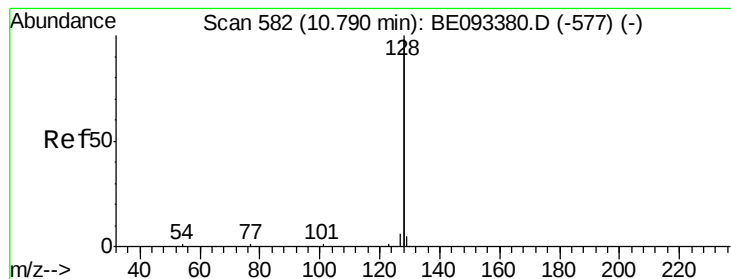
Ion Ratio Lower Upper

82 100

128 156.9 17.0 25.4#

54 173.1 53.8 80.6#





#9

Naphthalene

Concen: 0.417 ng

RT: 10.79 min Scan# 582

Delta R.T. 0.00 min

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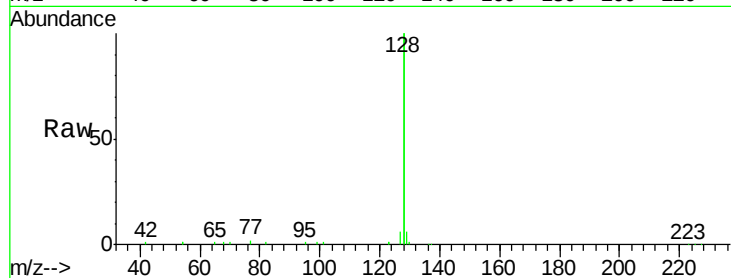
Tgt Ion:128 Resp: 60363

Ion Ratio Lower Upper

128 100

129 3.0 11.4 17.0#

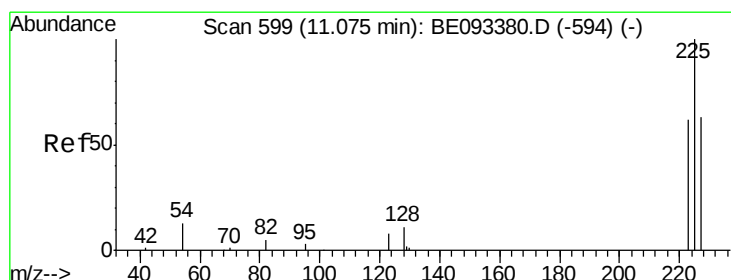
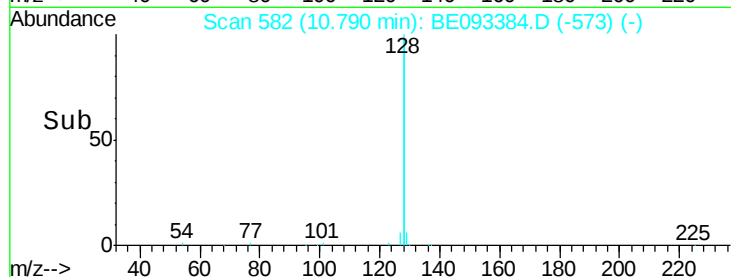
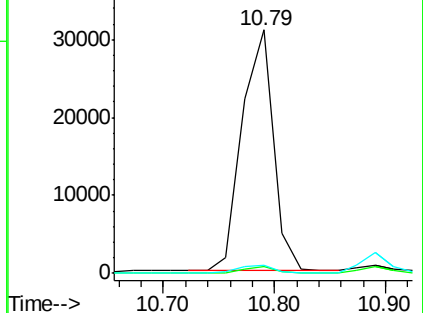
127 3.2 11.2 16.8#



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: 0.424 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

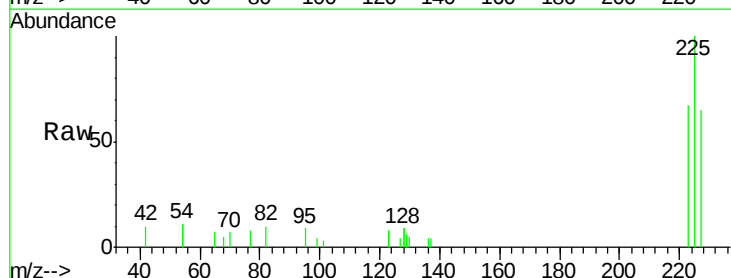
Tgt Ion:225 Resp: 2470

Ion Ratio Lower Upper

225 100

223 65.0 49.7 74.5

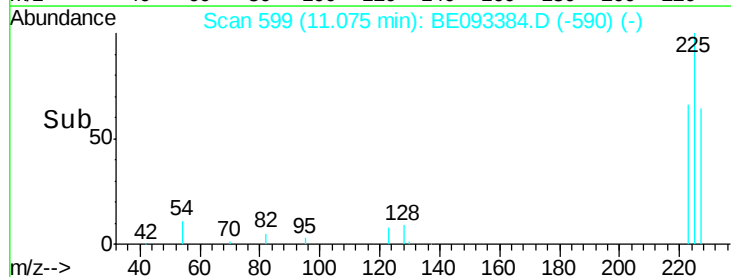
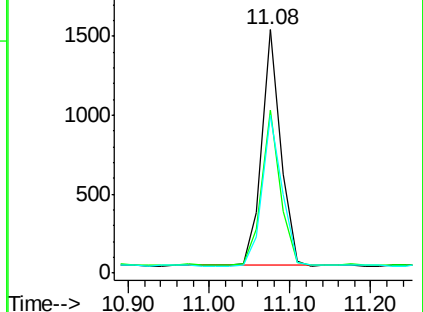
227 66.8 50.3 75.5

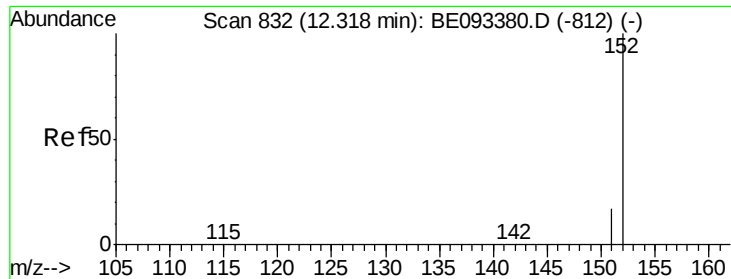


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

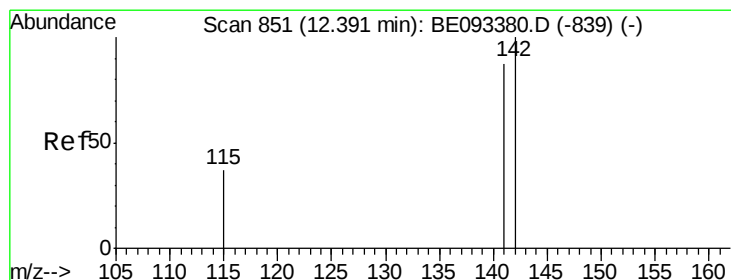
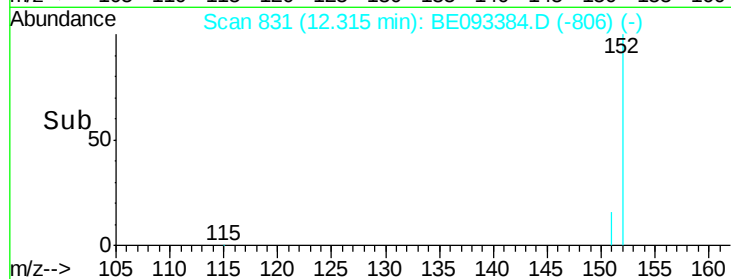
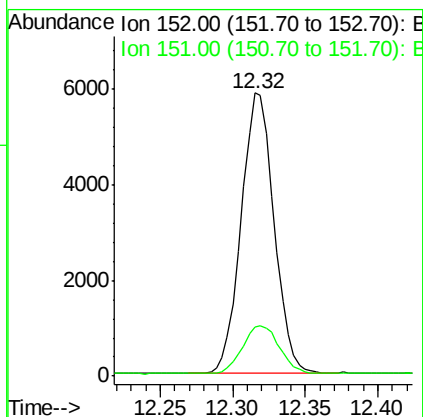
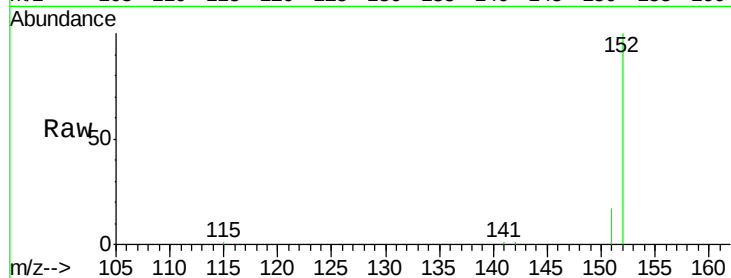




#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 12.32 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE093384.D
 Acq: 30 Jun 2017 19:40

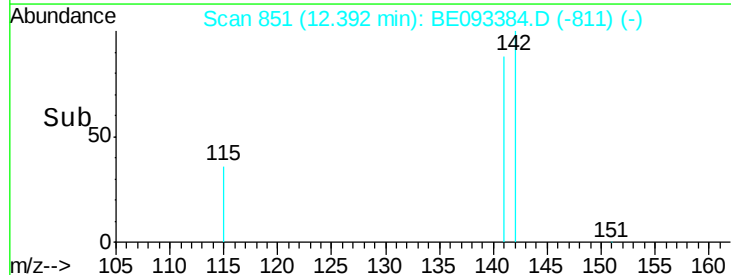
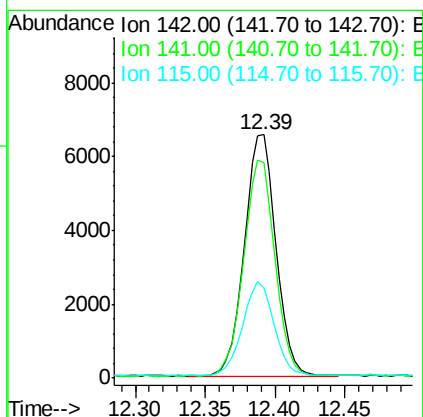
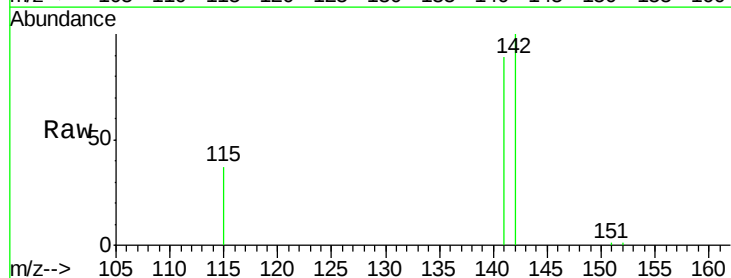
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE070117

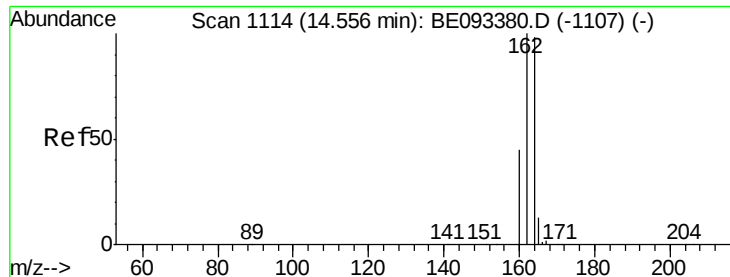
Tgt Ion:152 Resp: 9201
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.414 ng
 RT: 12.39 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BE093384.D
 Acq: 30 Jun 2017 19:40

Tgt Ion:142 Resp: 10217
 Ion Ratio Lower Upper
 142 100
 141 88.5 72.6 108.8
 115 36.9 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

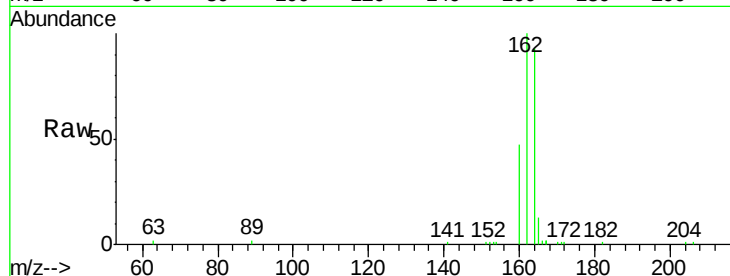
Tgt Ion: 164 Resp: 8755

Ion Ratio Lower Upper

164 100

162 108.0 84.6 127.0

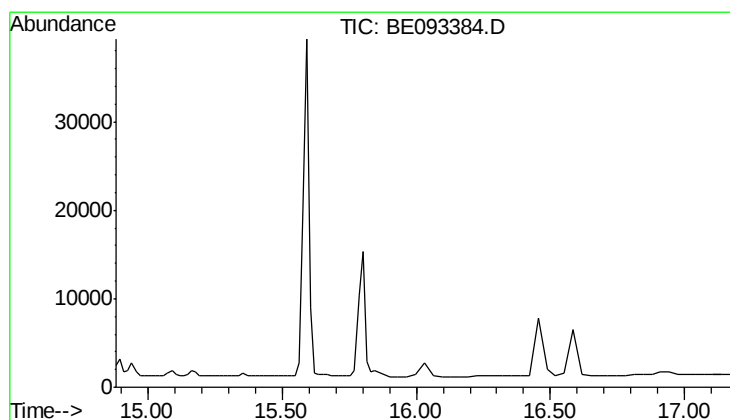
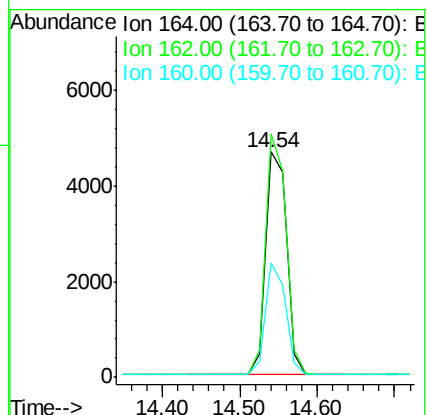
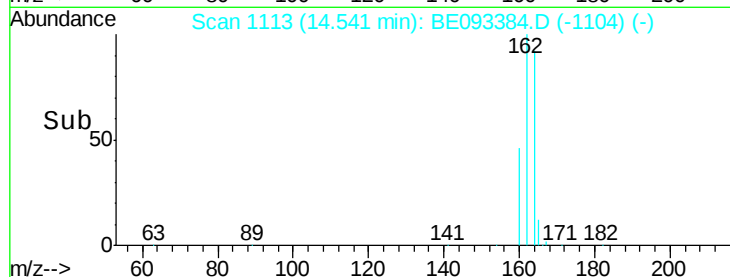
160 50.5 41.8 62.6



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: 0.000 ng

Expected RT: 16.03 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

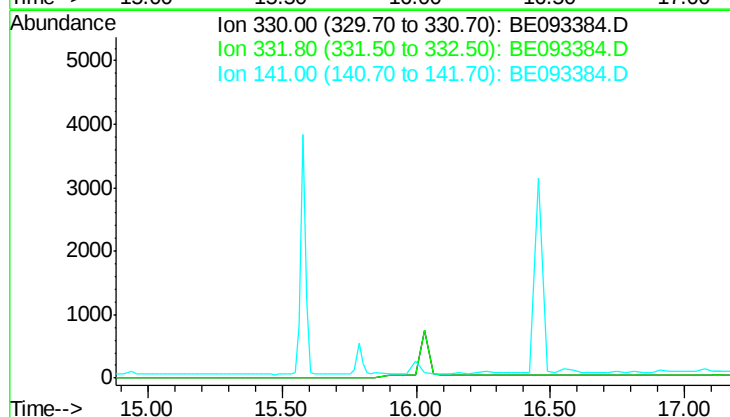
Tgt Ion: 330

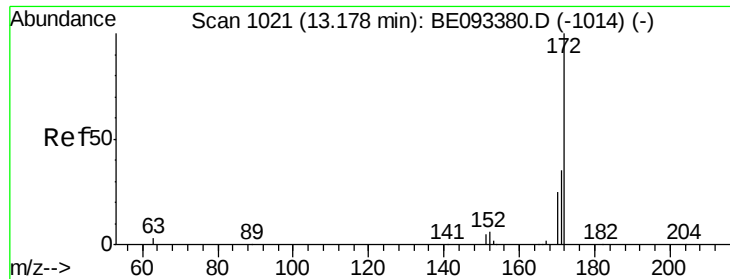
Sig Exp Ratio

330 100

332 97.1

141 70.3

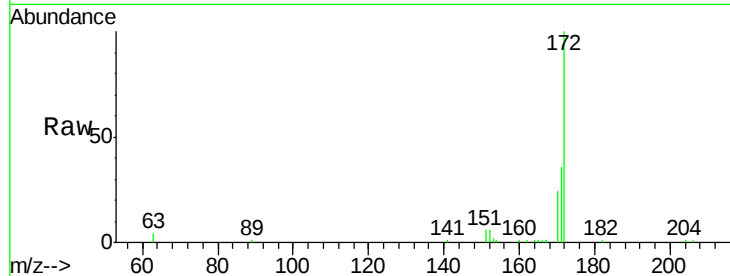




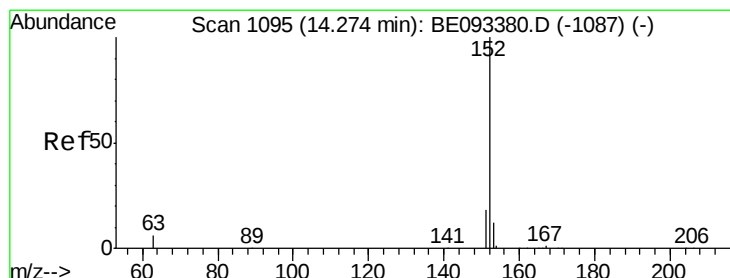
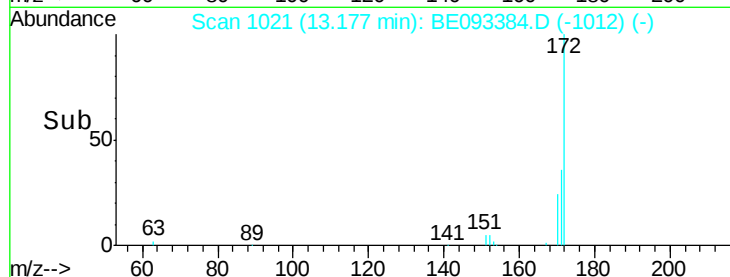
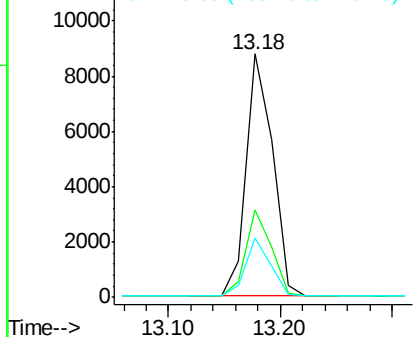
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093384.D
Acq: 30 Jun 2017 19:40

Instrument :
BNA_E
ClientSampleId :
ICVBE070117

Tgt Ion:172 Resp: 14337
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.5 20.7 31.1

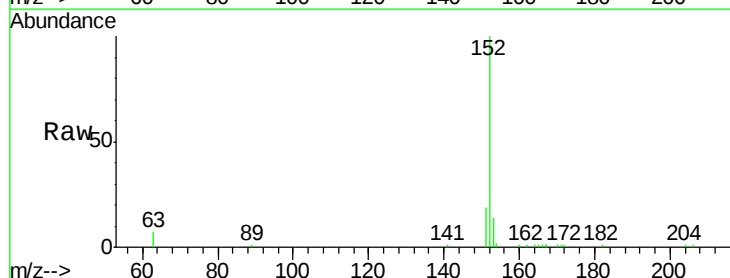


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

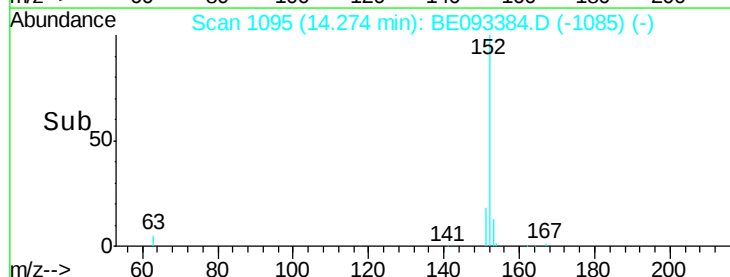
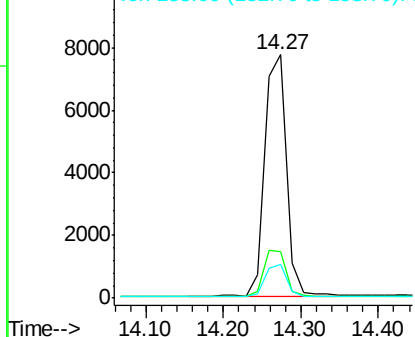


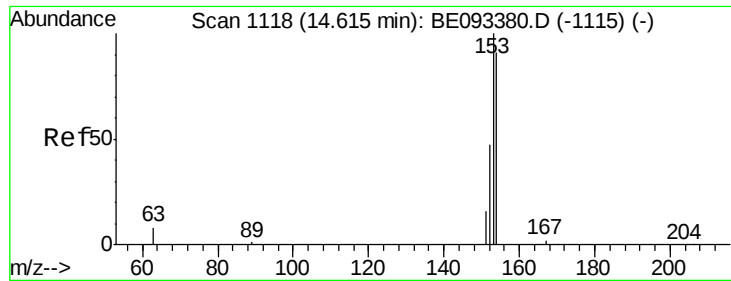
#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE093384.D
Acq: 30 Jun 2017 19:40

Tgt Ion:152 Resp: 14985
Ion Ratio Lower Upper
152 100
151 19.5 4.0 6.0#
153 12.7 10.3 15.5



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: 0.411 ng

RT: 14.61 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

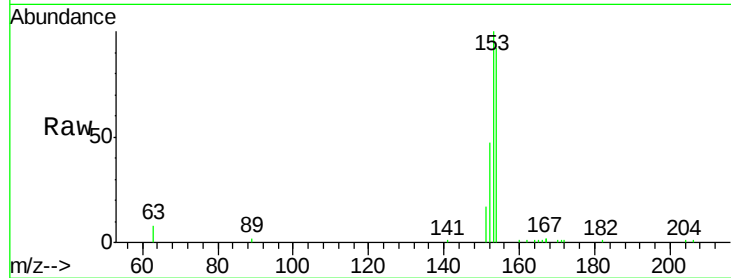
Tgt Ion:154 Resp: 11000

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

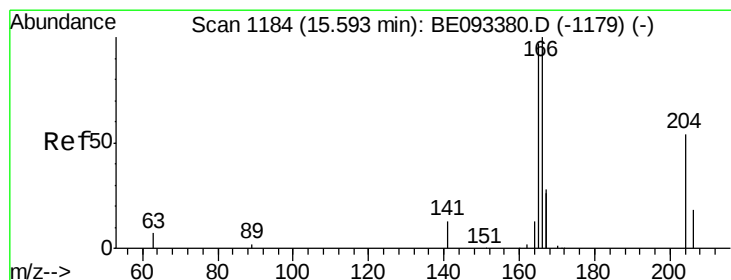
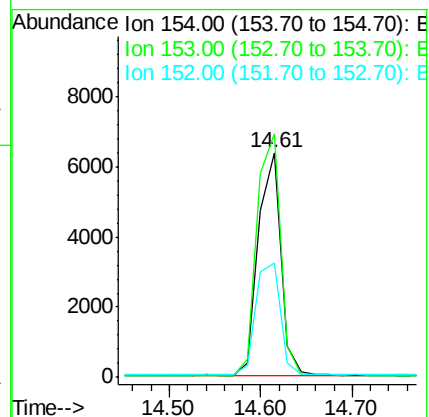
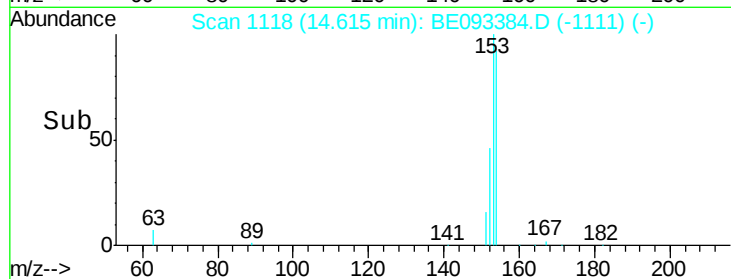
152 55.2 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.412 ng

RT: 15.59 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

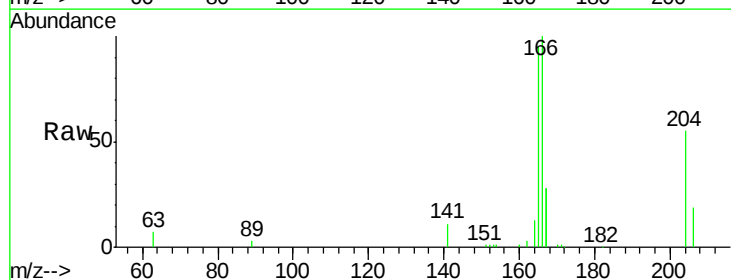
Tgt Ion:166 Resp: 15197

Ion Ratio Lower Upper

166 100

165 97.6 78.6 117.8

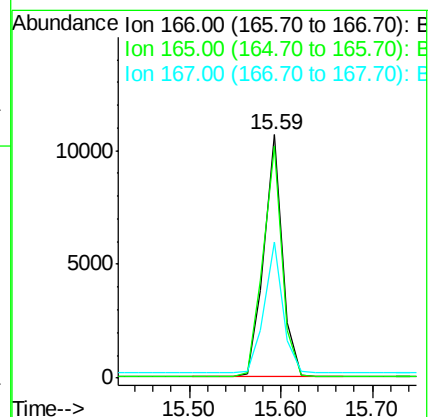
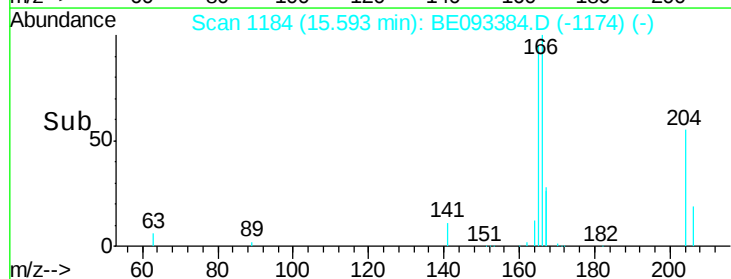
167 54.5 11.1 16.7#

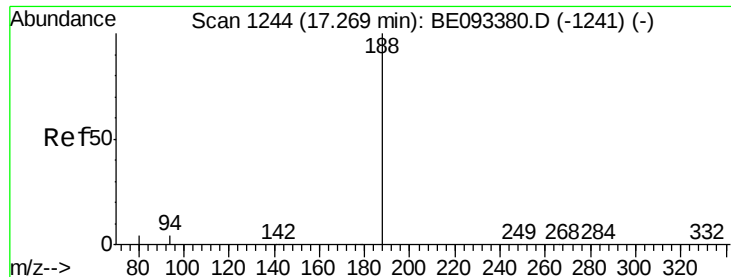


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

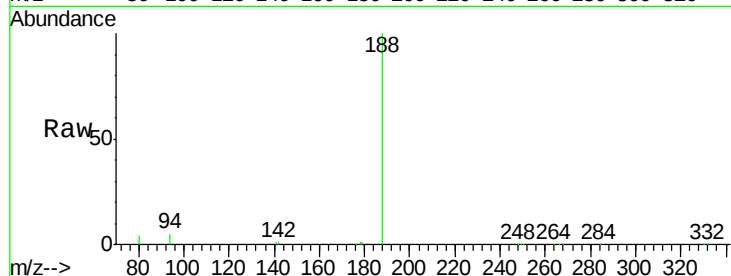
Tgt Ion:188 Resp: 34898

Ion Ratio Lower Upper

188 100

94 5.5 11.3 16.9#

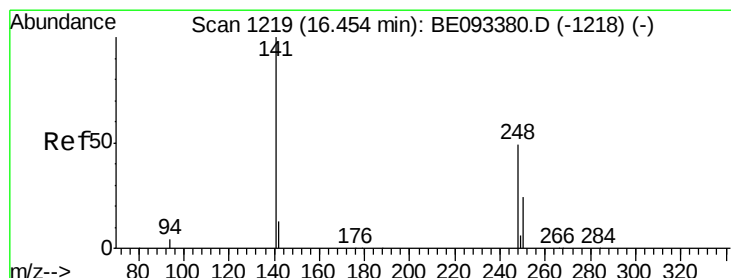
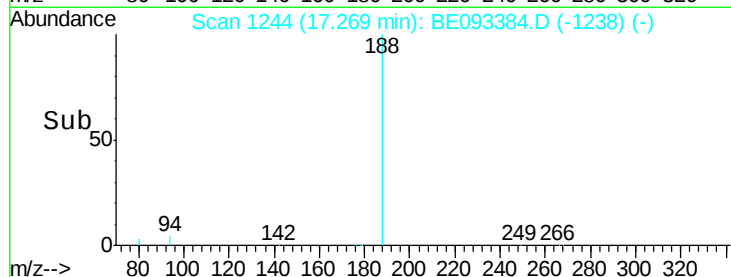
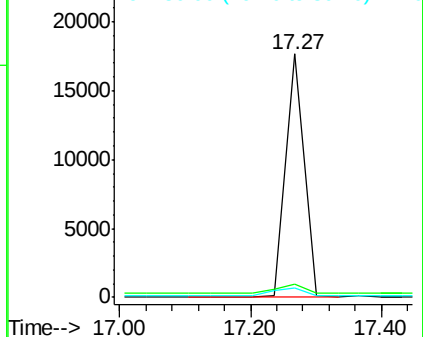
80 3.8 11.7 17.5#



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: 0.499 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

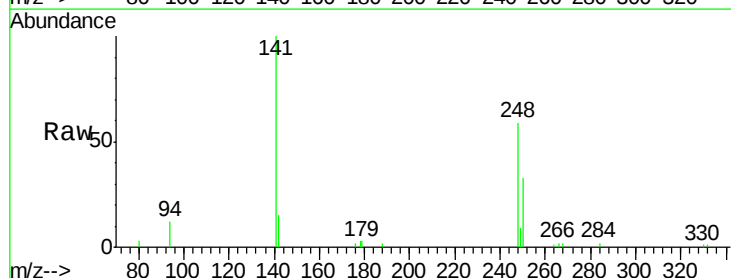
Tgt Ion:248 Resp: 3948

Ion Ratio Lower Upper

248 100

250 55.3 40.8 61.2

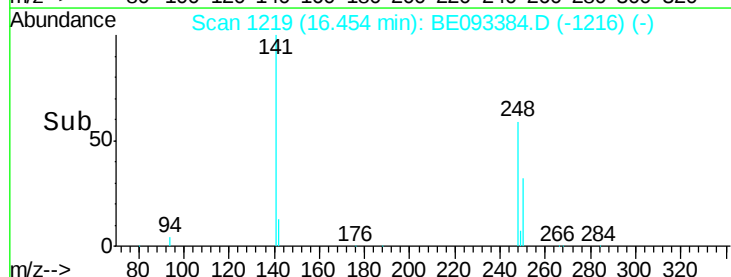
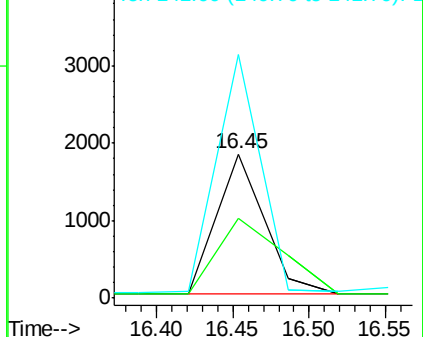
141 168.9 161.6 242.4

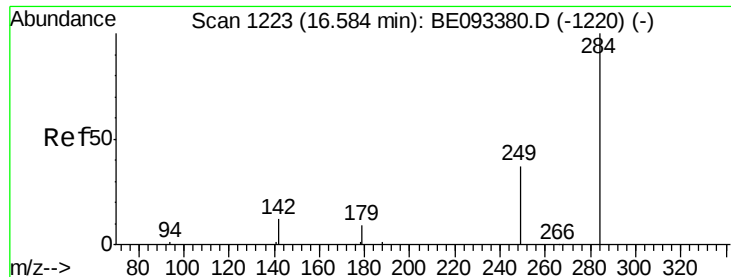


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

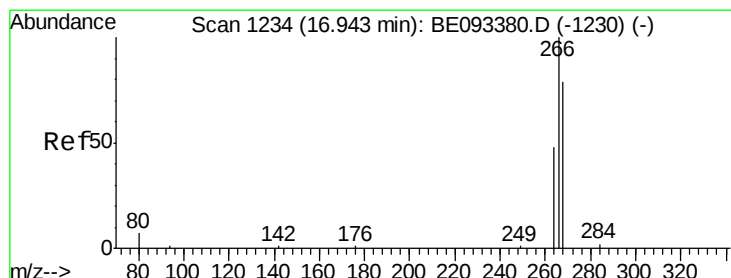
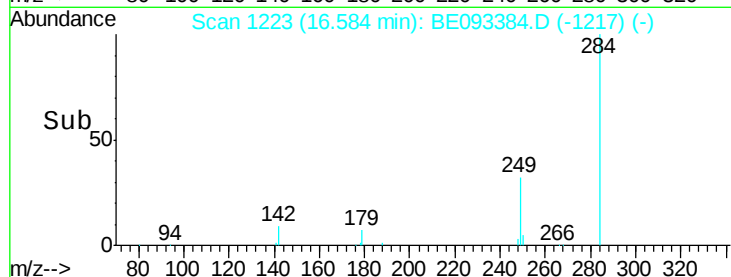
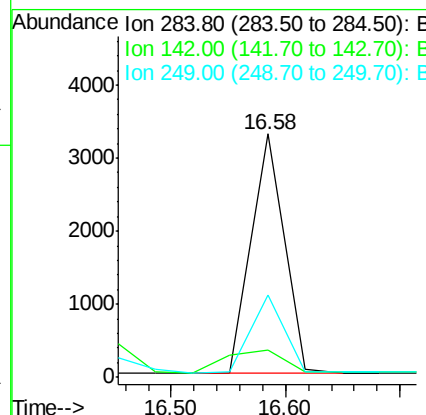
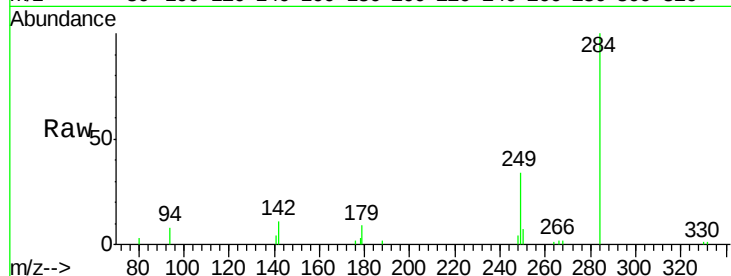




#21
Hexachlorobenzene
Concen: 0.490 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093384.D
Acq: 30 Jun 2017 19:40

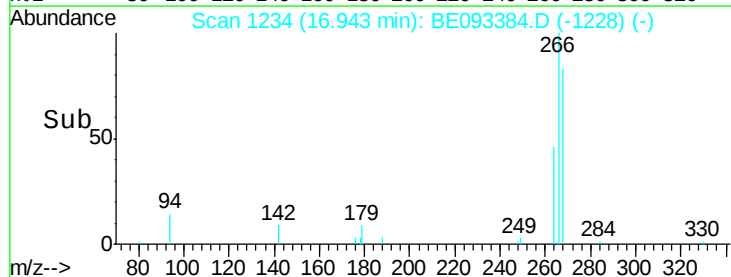
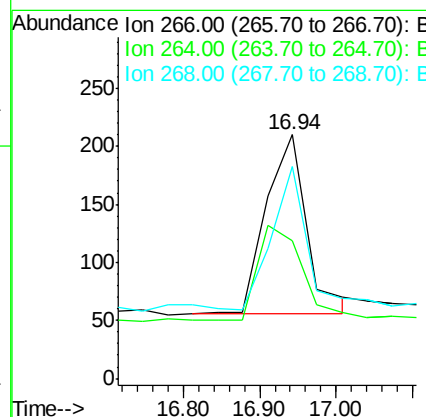
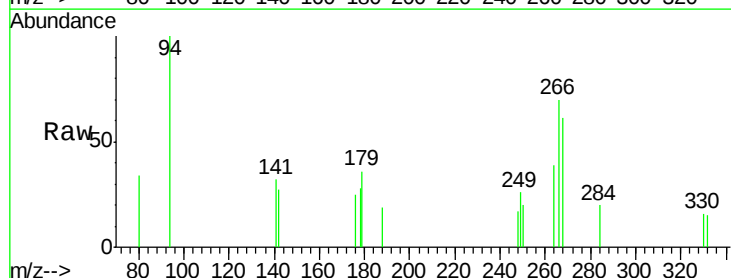
Instrument :
BNA_E
ClientSampleId :
ICVBE070117

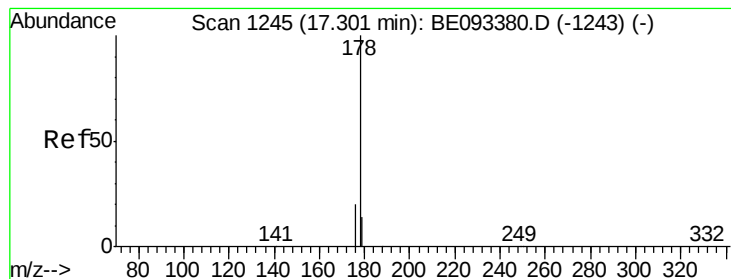
Tgt Ion: 284 Resp: 6542
Ion Ratio Lower Upper
284 100
142 16.1 0.0 0.0#
249 32.4 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.430 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093384.D
Acq: 30 Jun 2017 19:40

Tgt Ion: 266 Resp: 571
Ion Ratio Lower Upper
266 100
264 56.7 58.2 87.2#
268 87.1 71.9 107.9





#23

Phenanthrene

Concen: 0.459 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

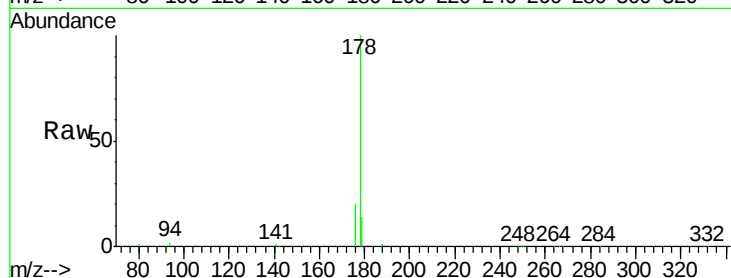
Tgt Ion:178 Resp: 38754

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.4

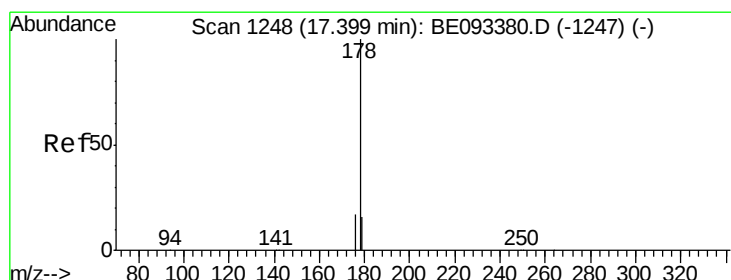
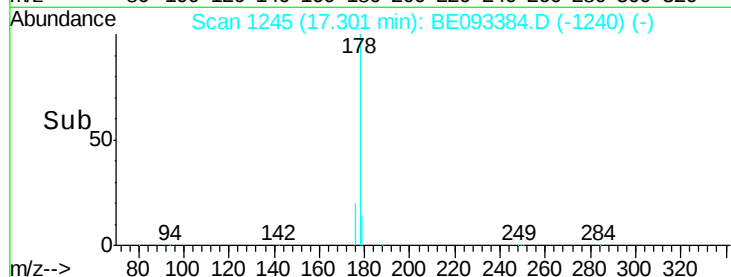
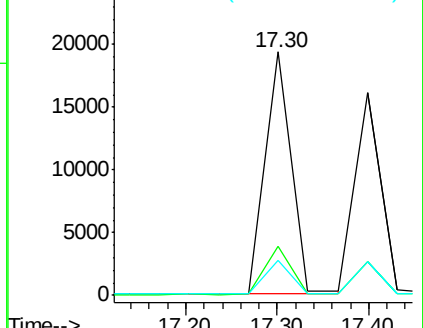
179 14.4 12.7 19.1



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: 0.373 ng

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

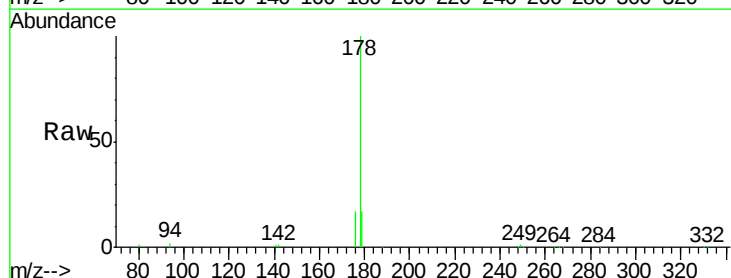
Tgt Ion:178 Resp: 31666

Ion Ratio Lower Upper

178 100

176 16.3 14.6 22.0

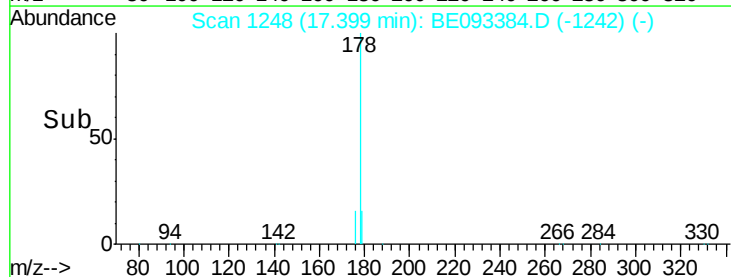
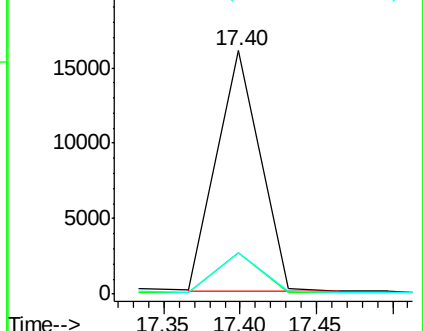
179 16.2 12.0 18.0

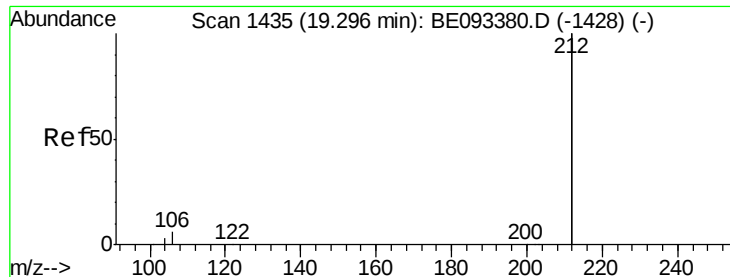


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.428 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

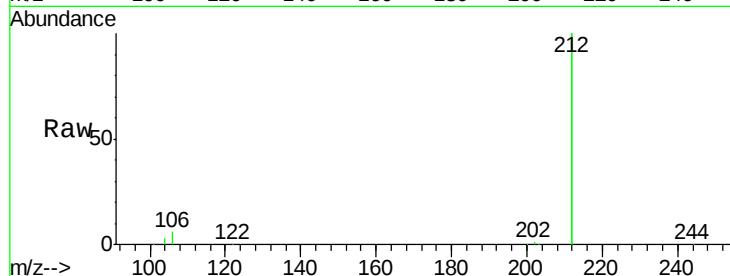
Tgt Ion:212 Resp: 137609

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

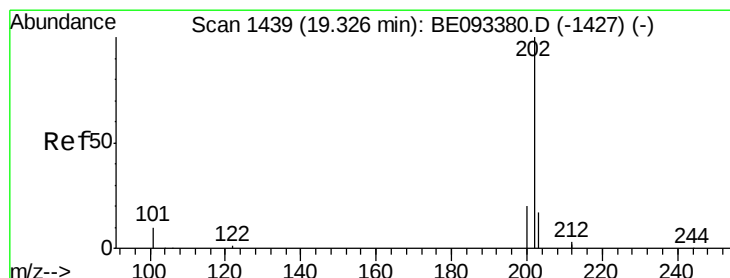
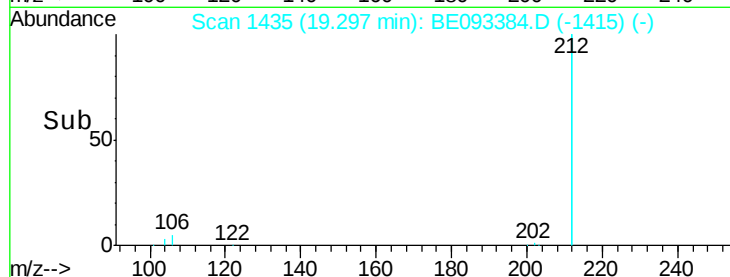
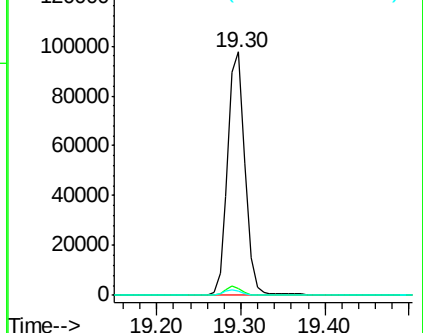
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.426 ng

RT: 19.32 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

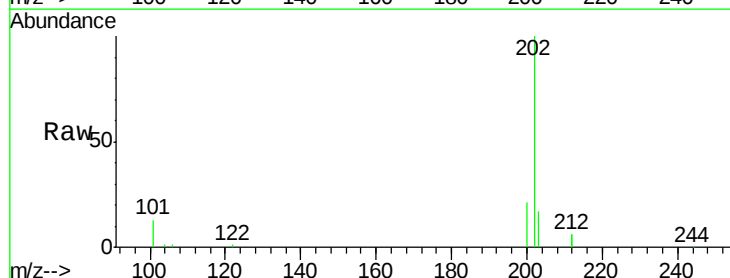
Tgt Ion:202 Resp: 38996

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

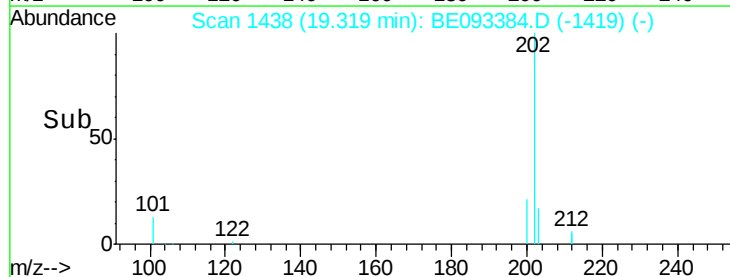
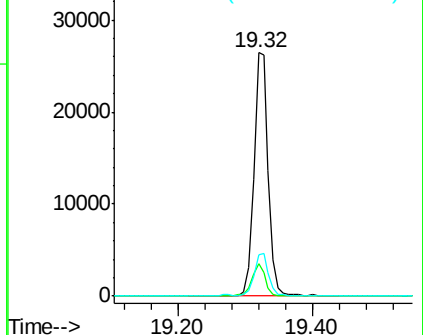
203 17.1 14.4 21.6

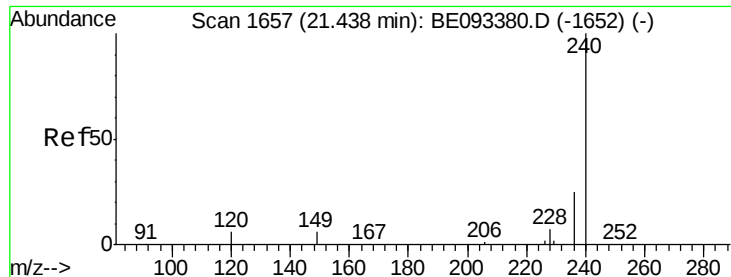


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.43 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

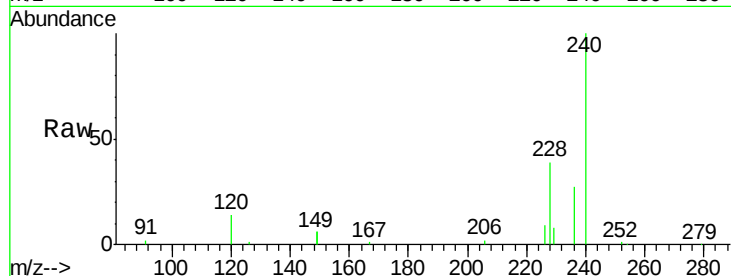
Tgt Ion:240 Resp: 36724

Ion Ratio Lower Upper

240 100

120 13.6 4.6 7.0#

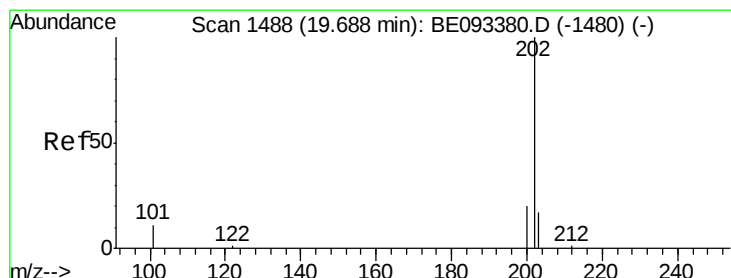
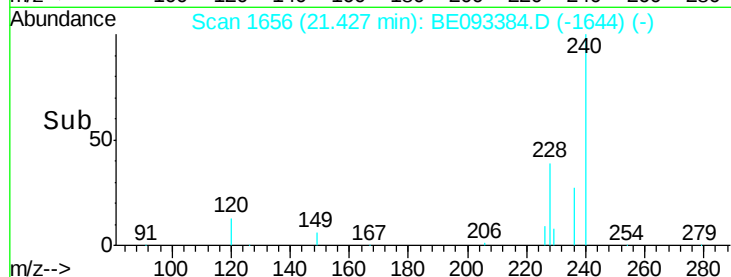
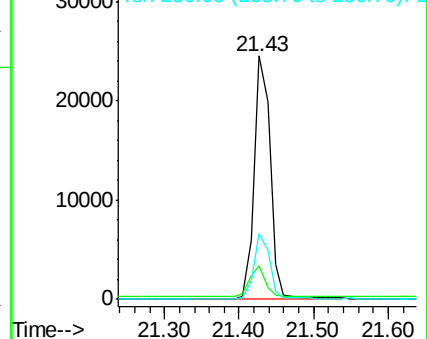
236 26.9 20.8 31.2



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: 0.411 ng

RT: 19.68 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

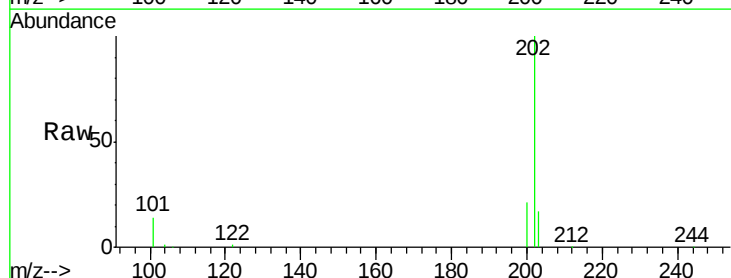
Tgt Ion:202 Resp: 39866

Ion Ratio Lower Upper

202 100

200 21.0 0.0 0.0#

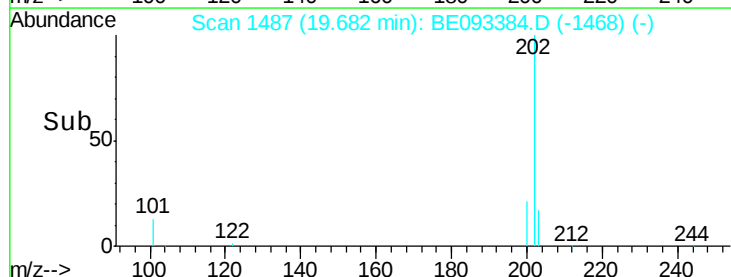
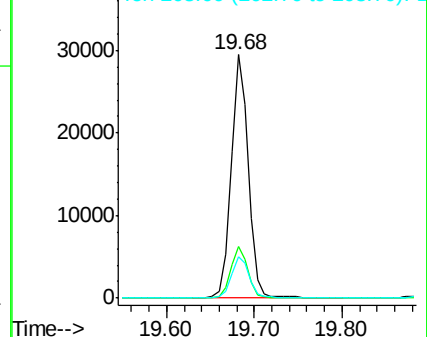
203 17.4 13.7 20.5

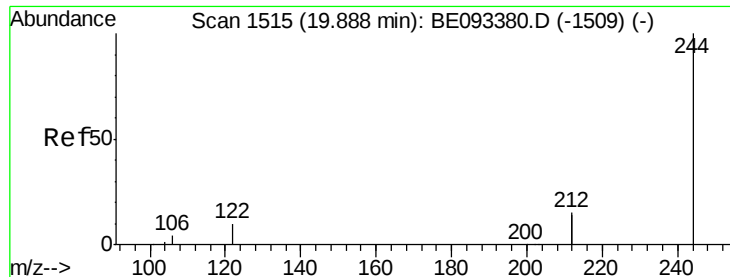


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.88 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

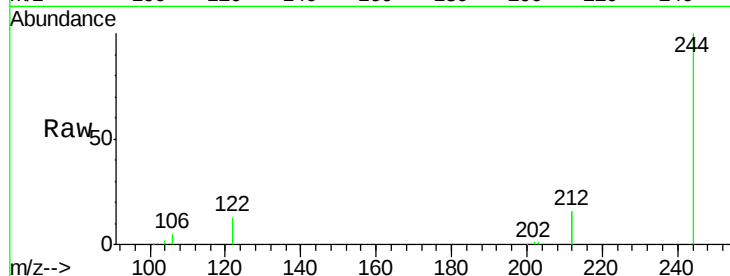
Tgt Ion:244 Resp: 28533

Ion Ratio Lower Upper

244 100

212 33.0 10.6 16.0#

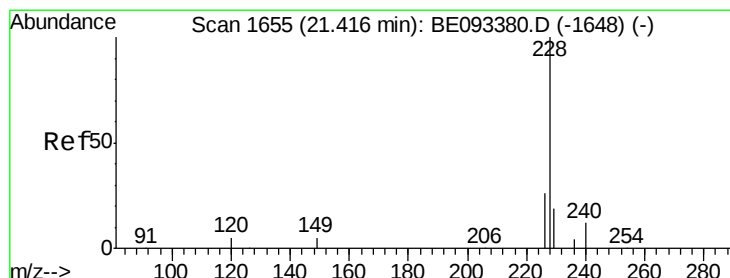
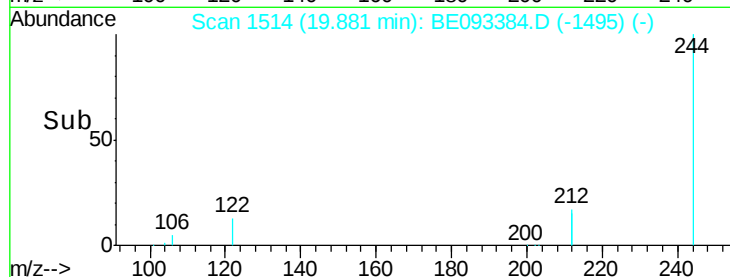
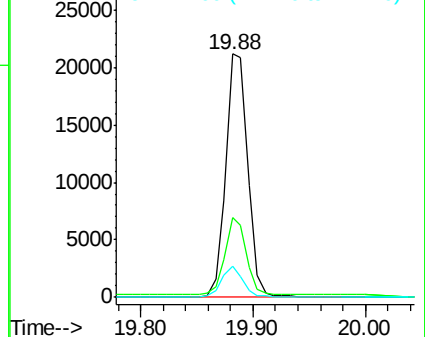
122 13.0 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.407 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

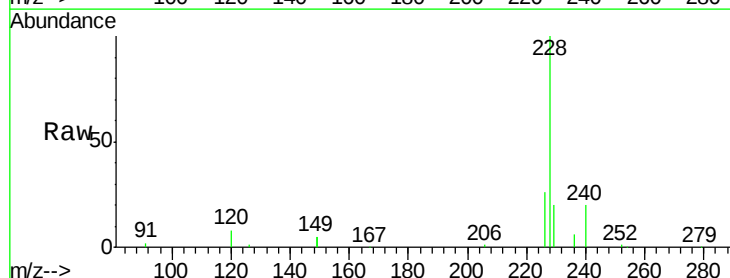
Tgt Ion:228 Resp: 40708

Ion Ratio Lower Upper

228 100

226 25.8 19.7 29.5

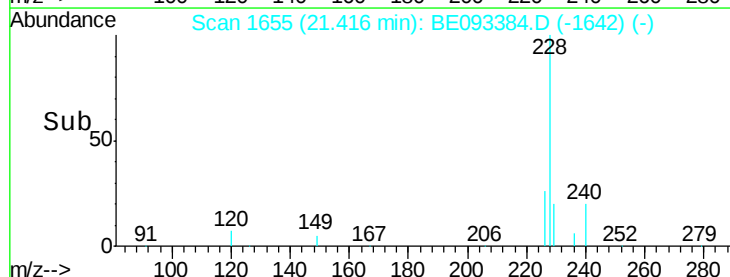
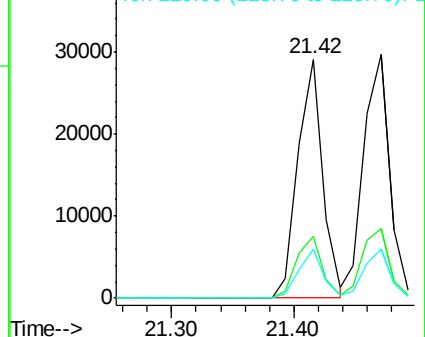
229 20.4 19.2 28.8

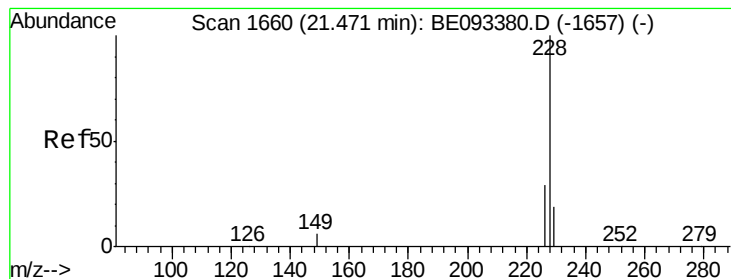


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.47 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

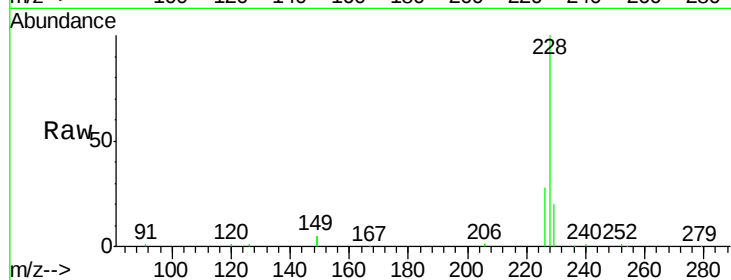
Tgt Ion:228 Resp: 44075

Ion Ratio Lower Upper

228 100

226 28.4 21.5 32.3

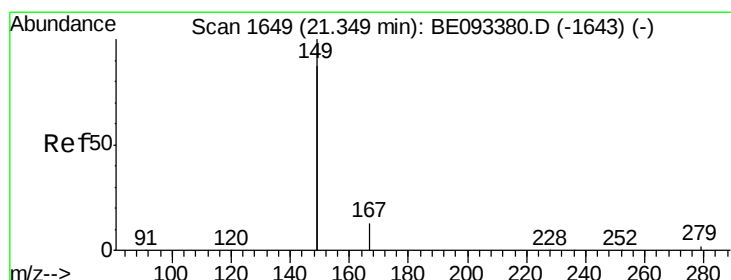
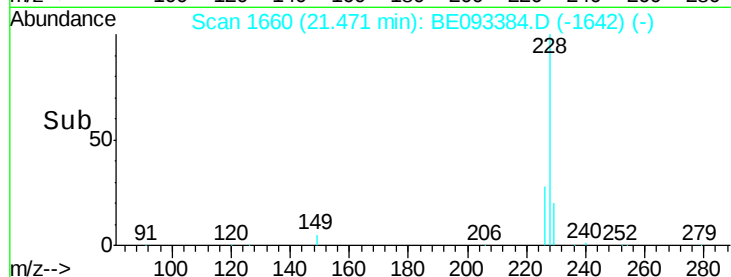
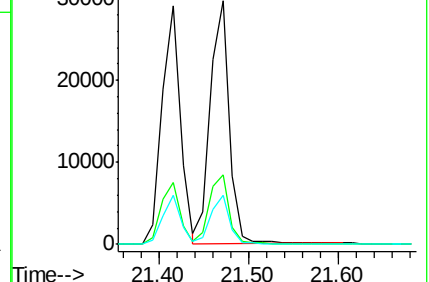
229 20.1 18.6 28.0



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: 0.359 ng

RT: 21.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

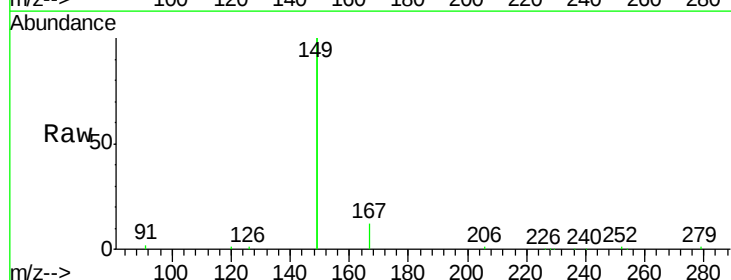
Tgt Ion:149 Resp: 53168

Ion Ratio Lower Upper

149 100

167 6.7 20.1 30.1#

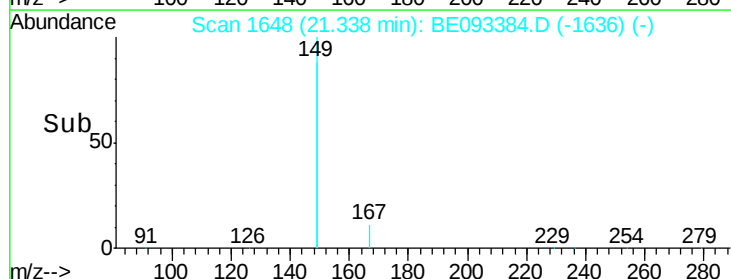
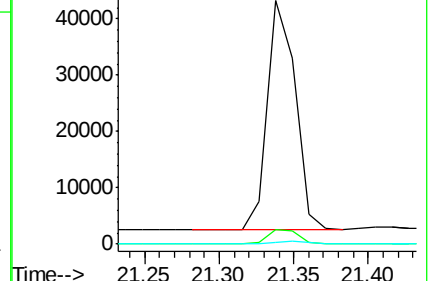
279 1.0 2.2 3.4#

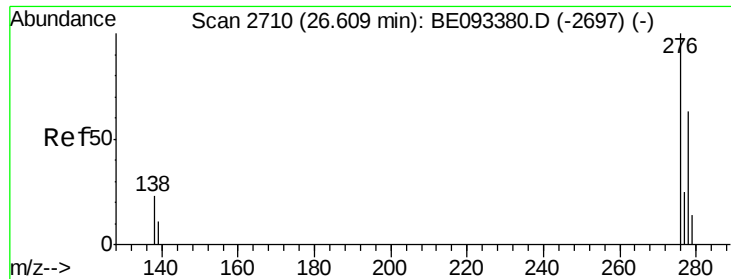


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

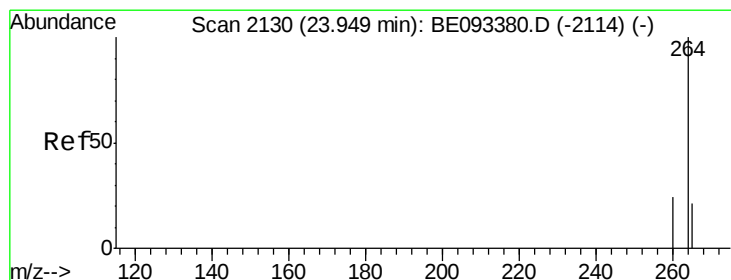
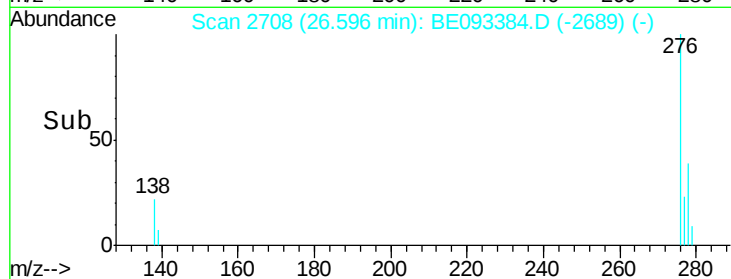
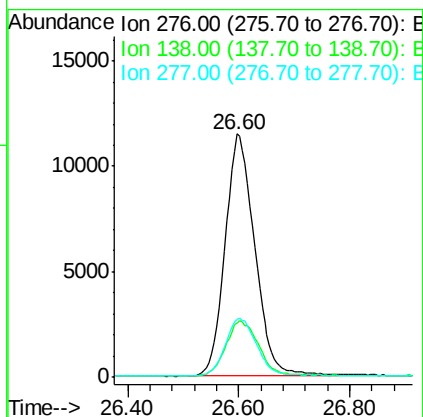
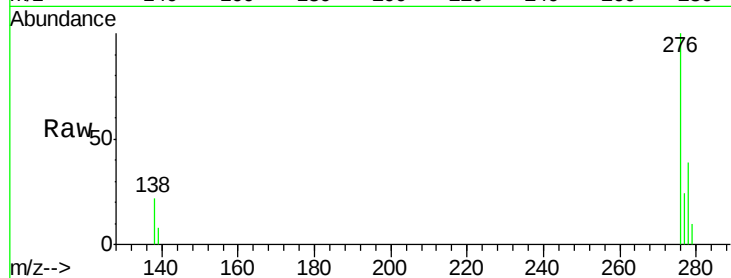




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.417 ng
 RT: 26.60 min Scan# 2708
 Delta R.T. -0.01 min
 Lab File: BE093384.D
 Acq: 30 Jun 2017 19:40

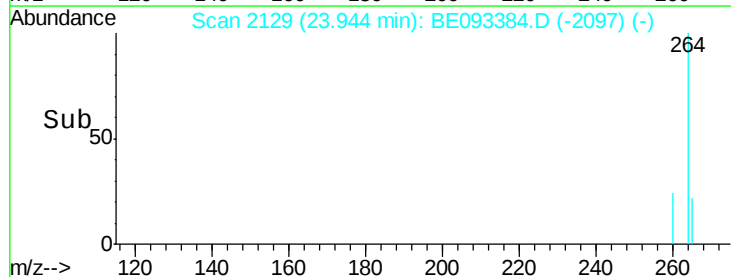
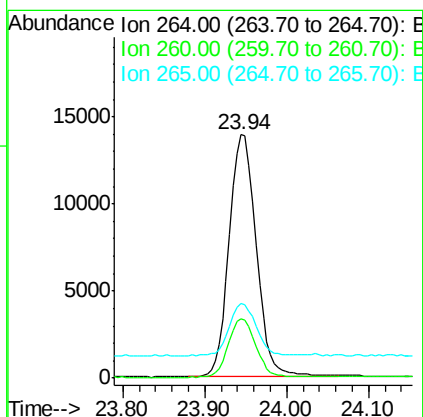
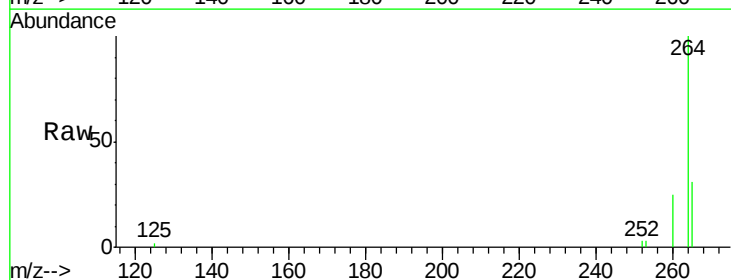
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE070117

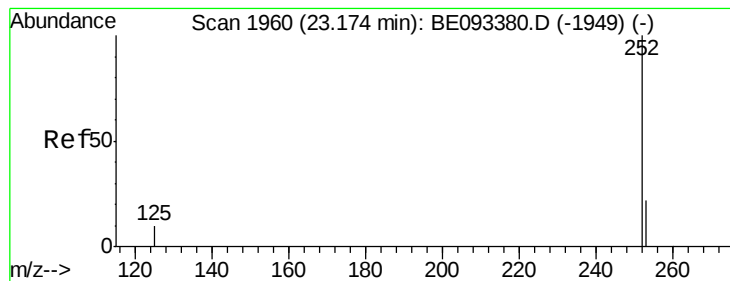
Tgt Ion:276 Resp: 42585
 Ion Ratio Lower Upper
 276 100
 138 24.4 27.4 41.2#
 277 24.7 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BE093384.D
 Acq: 30 Jun 2017 19:40

Tgt Ion:264 Resp: 32169
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.0 31.4
 265 30.6 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.416 ng

RT: 23.17 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

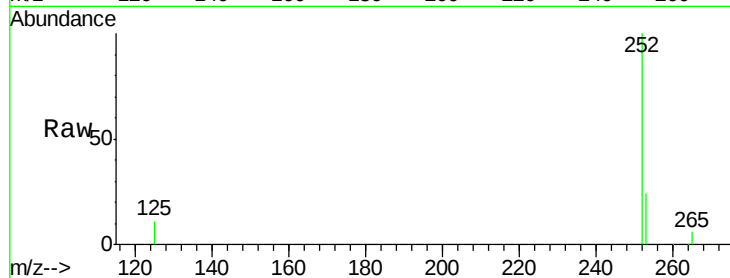
Tgt Ion:252 Resp: 41959

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

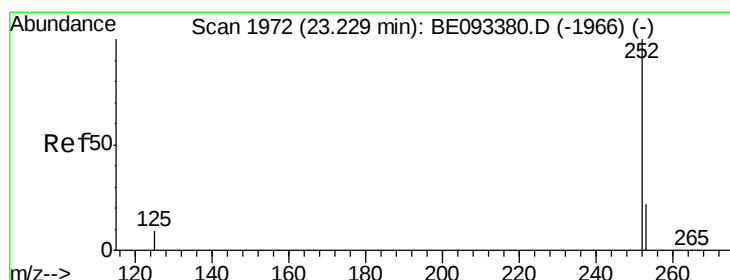
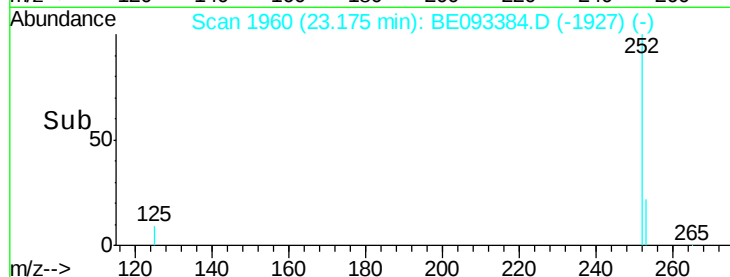
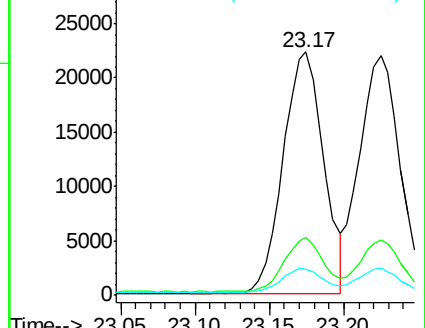
125 10.6 13.4 20.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.416 ng

RT: 23.22 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

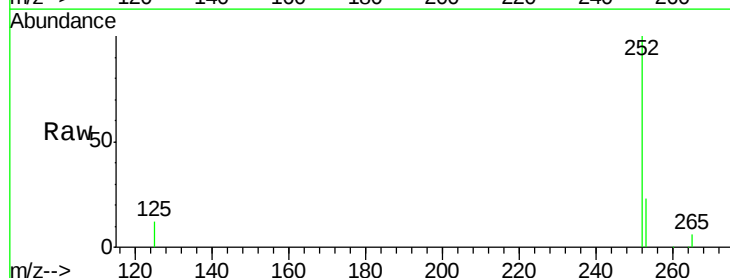
Tgt Ion:252 Resp: 42216

Ion Ratio Lower Upper

252 100

253 23.4 20.3 30.5

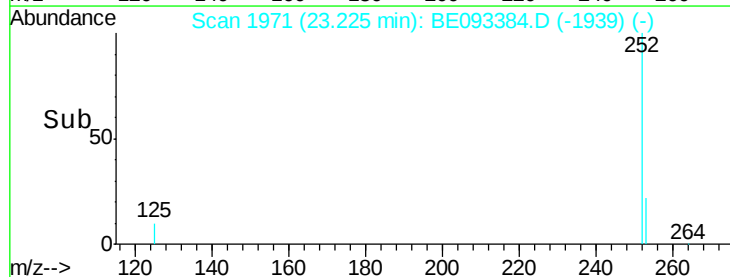
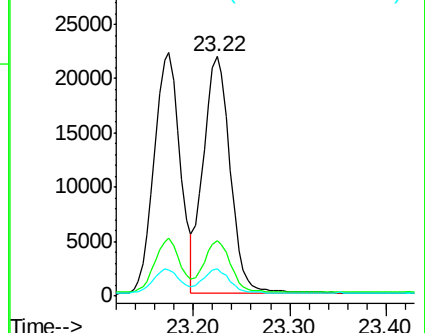
125 11.5 12.2 18.4#

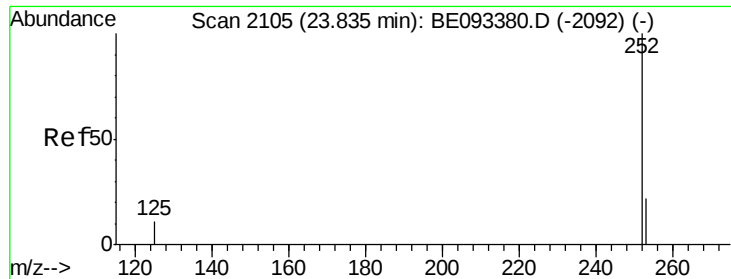


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.83 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117

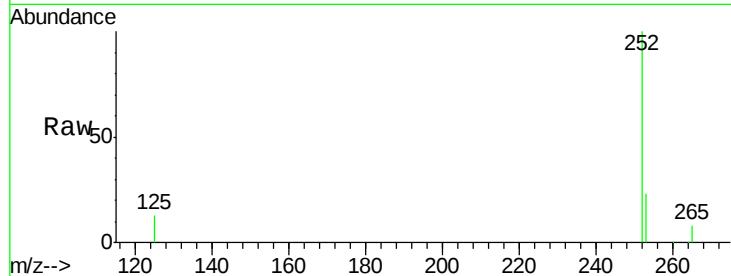
Tgt Ion: 252 Resp: 36919

Ion Ratio Lower Upper

252 100

253 23.2 19.9 29.9

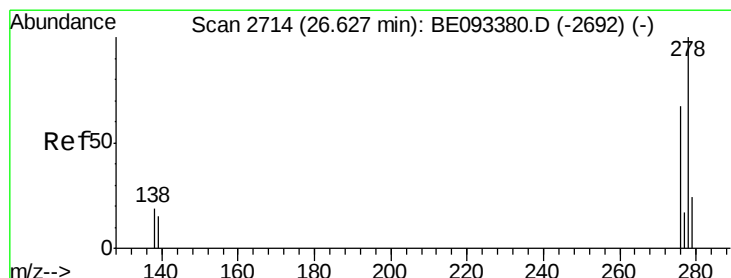
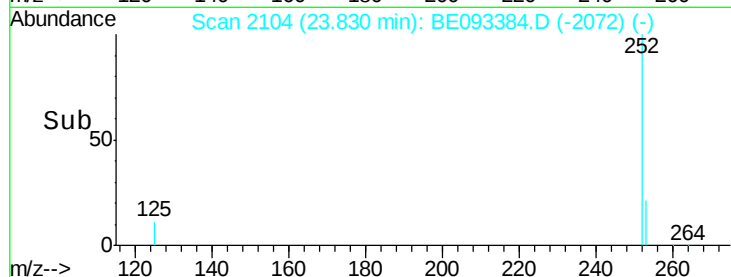
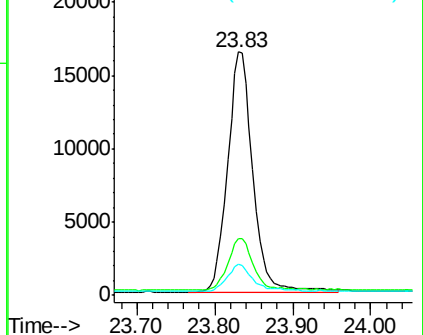
125 12.8 14.6 21.8#



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: 0.412 ng

RT: 26.63 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE093384.D

Acq: 30 Jun 2017 19:40

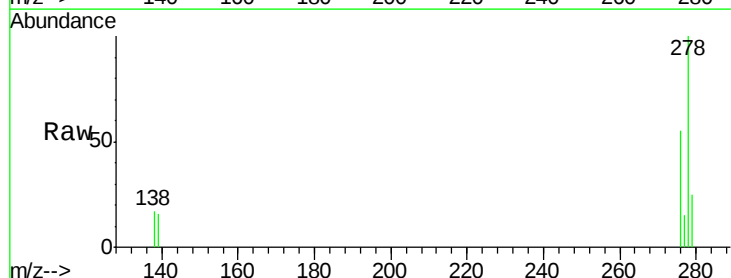
Tgt Ion: 278 Resp: 37685

Ion Ratio Lower Upper

278 100

139 16.1 21.4 32.0#

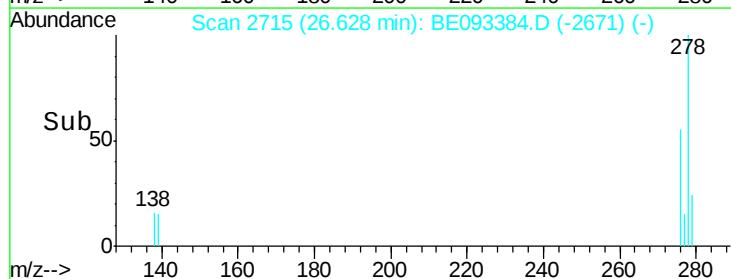
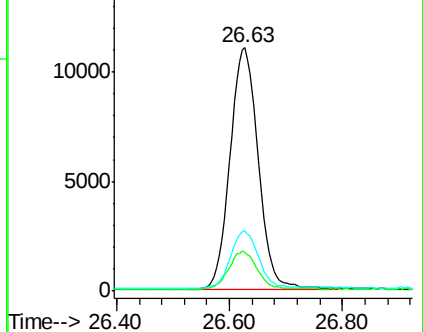
279 25.1 22.2 33.2

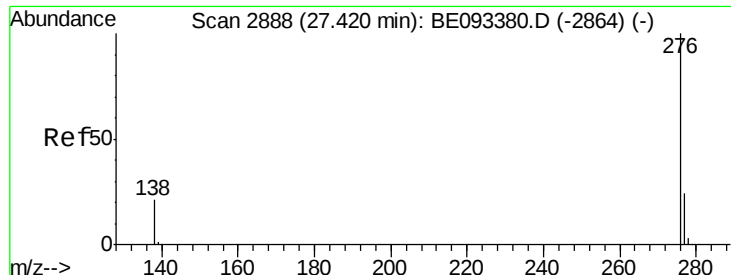


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.417 ng

RT: 27.41 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE093384.D

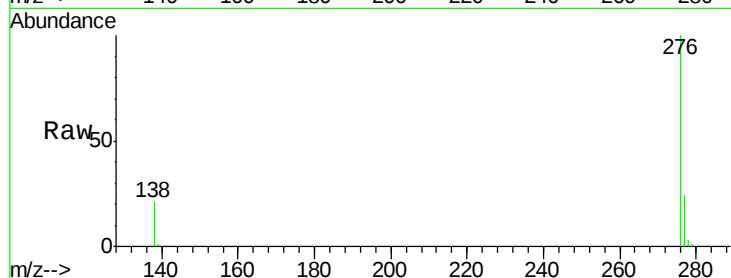
Acq: 30 Jun 2017 19:40

Instrument :

BNA_E

ClientSampleId :

ICVBE070117



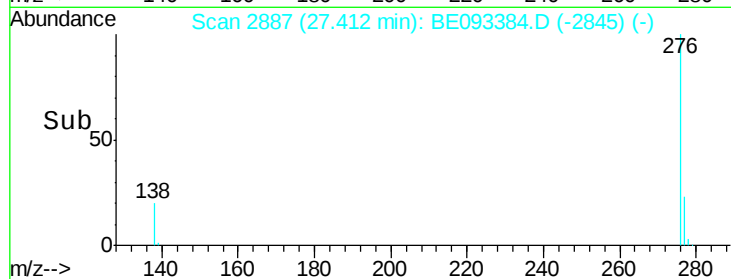
Tgt Ion: 276 Resp: 38849

Ion Ratio Lower Upper

276 100

277 23.9 21.2 31.8

138 20.8 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

