

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
 Data File : BE093618.D
 Acq On : 1 Aug 2017 16:04
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080117

Quant Time: Aug 01 17:32:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 16:48:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2534	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11988	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6841	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16553	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18306	0.40	ng	0.00
34) Perylene-d12	23.91	264	15195	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2926	0.39	ng	0.00
5) Phenol-d6	7.09	99	4273	0.38	ng	0.00
8) Nitrobenzene-d5	9.06	82	3516	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7411	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	495	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10745	0.39	ng	-0.01
25) Fluoranthene-d10	19.28	212	73000	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	12977	0.39	ng	0.00

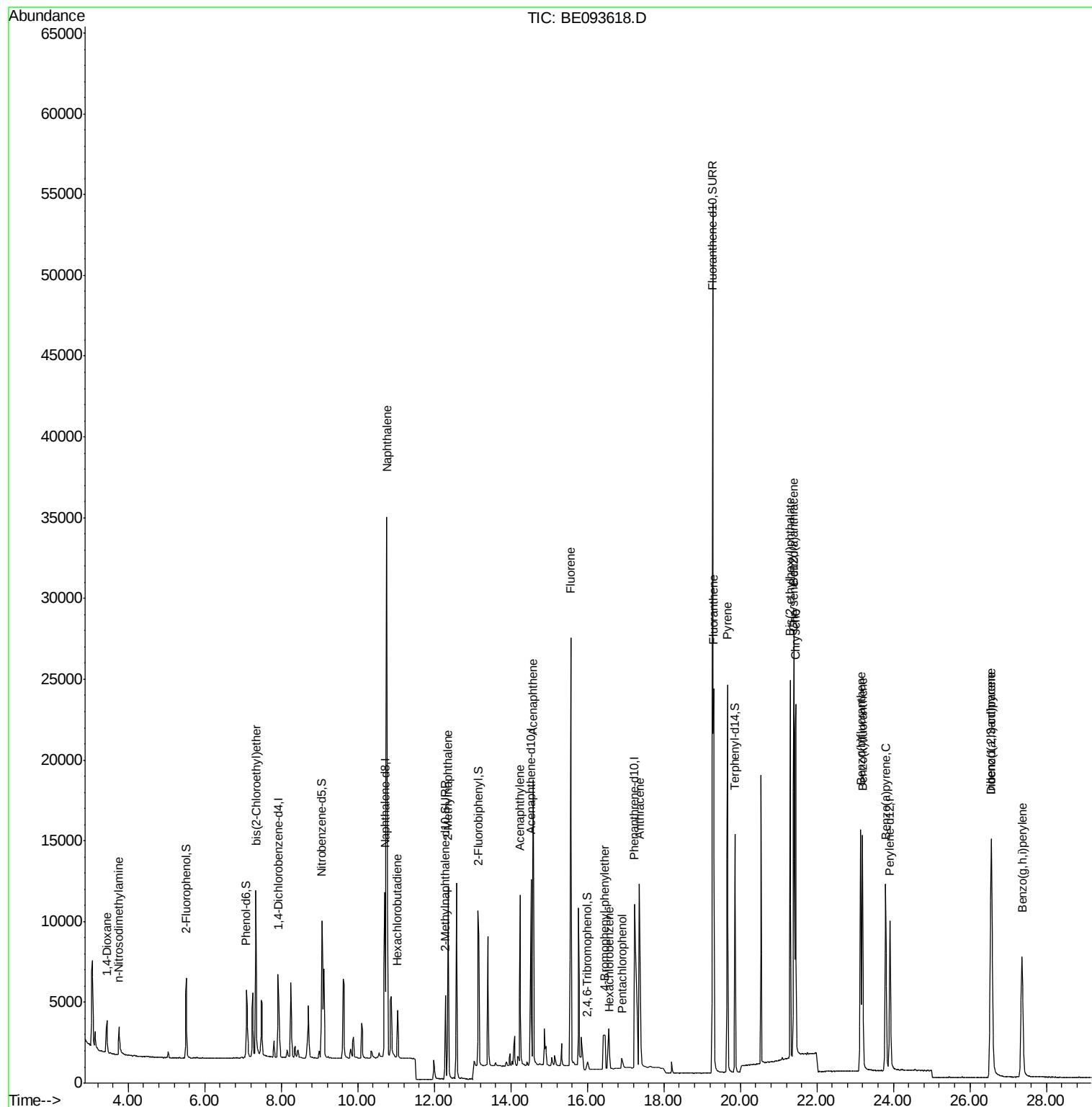
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1597	0.389	ng	96
3) n-Nitrosodimethylamine	3.75	42	1466	0.381	ng	# 93
6) bis(2-Chloroethyl)ether	7.34	93	3713	0.389	ng	# 99
9) Naphthalene	10.76	128	54066	0.390	ng	99
10) Hexachlorobutadiene	11.04	225	2006	0.390	ng	96
12) 2-Methylnaphthalene	12.36	142	8820	0.384	ng	96
16) Acenaphthylene	14.24	152	12362	0.378	ng	# 88
17) Acenaphthene	14.58	154	8828	0.383	ng	100
18) Fluorene	15.56	166	11667	0.378	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	1985	0.392	ng	# 99
21) Hexachlorobenzene	16.58	284	2206	0.435	ng	# 100
22) Pentachlorophenol	16.91	266	792	0.396	ng	100
24) Anthracene	17.37	178	32633	0.656	ng	# 84
26) Fluoranthene	19.30	202	22583	0.390	ng	99
28) Pyrene	19.66	202	22674	0.383	ng	# 99
30) Benzo(a)anthracene	21.39	228	20763	0.386	ng	95
31) Chrysene	21.45	228	23547	0.392	ng	96
32) Bis(2-ethylhexyl)phthalate	21.31	149	24794	0.338	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	21254	0.391	ng	93
35) Benzo(b)fluoranthene	23.14	252	20720	0.382	ng	# 94
36) Benzo(k)fluoranthene	23.19	252	21676	0.391	ng	# 93
37) Benzo(a)pyrene	23.80	252	18804	0.383	ng	# 93
38) Dibenzo(a,h)anthracene	26.57	278	18598	0.392	ng	# 88
39) Benzo(g,h,i)perylene	27.36	276	18757	0.390	ng	# 92

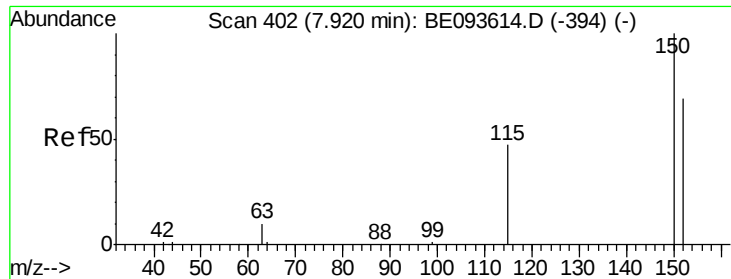
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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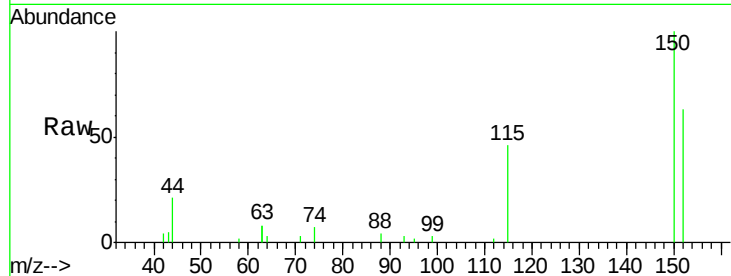


#1

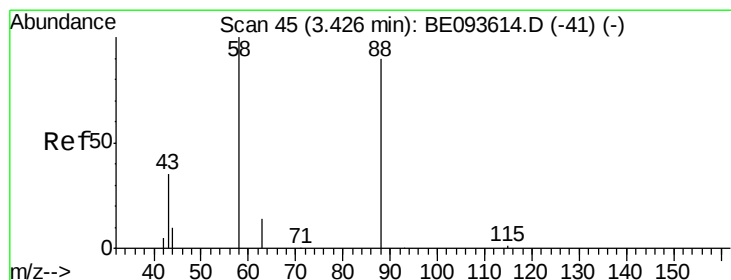
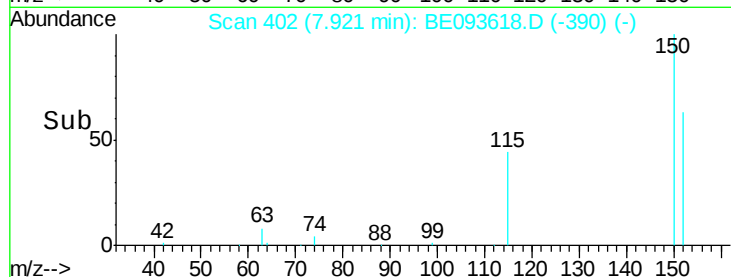
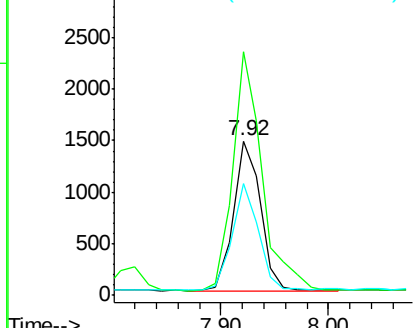
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093618.D
Acq: 1 Aug 2017 16:04

Instrument :
BNA_E
ClientSampleId :
ICVBE080117

Tgt Ion:152 Resp: 2534
Ion Ratio Lower Upper
152 100
150 157.9 125.1 187.7
115 72.3 55.7 83.5



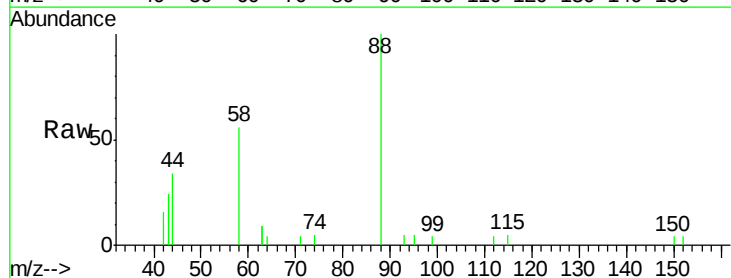
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



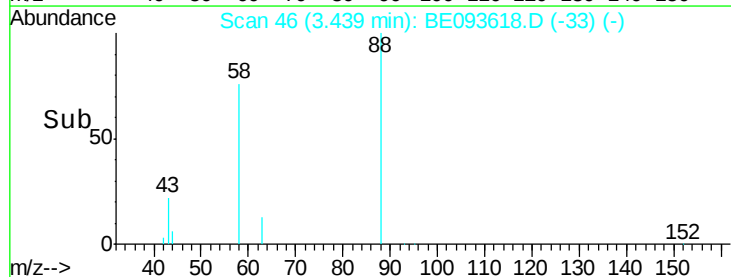
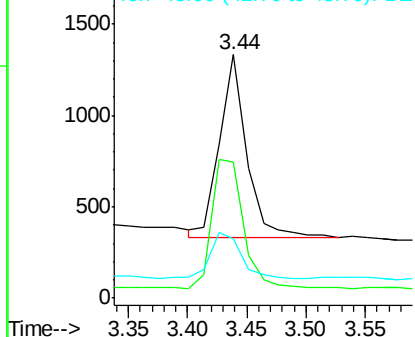
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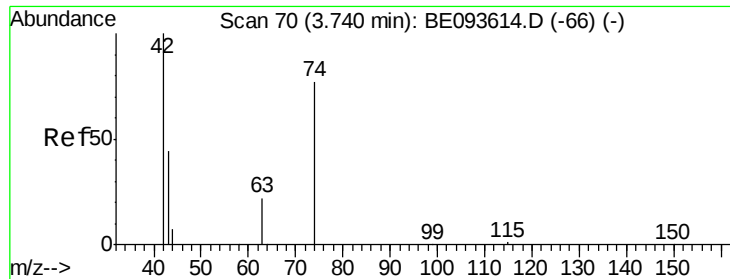
1,4-Dioxane
Concen: 0.389 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093618.D
Acq: 1 Aug 2017 16:04

Tgt Ion: 88 Resp: 1597
Ion Ratio Lower Upper
88 100
58 82.2 62.2 93.4
43 28.2 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: 0.381 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

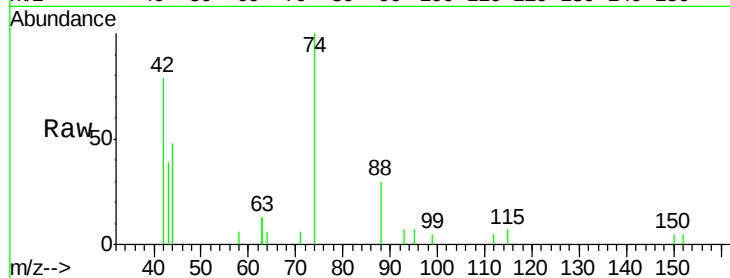
Tgt Ion: 42 Resp: 1466

Ion Ratio Lower Upper

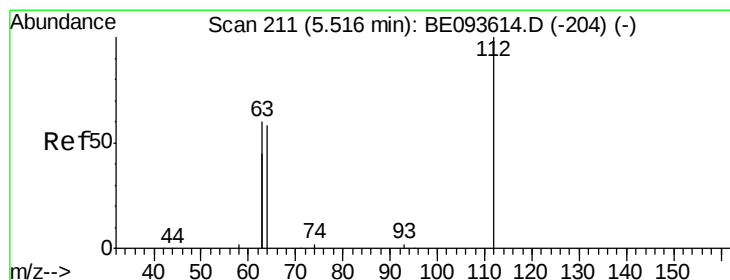
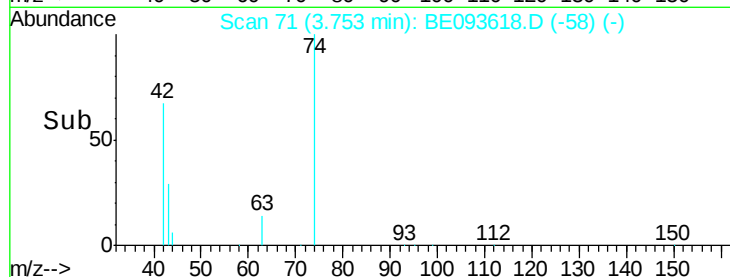
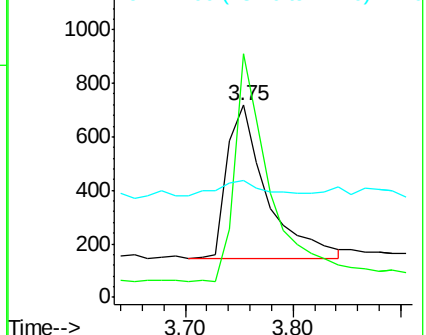
42 100

74 132.1 99.1 148.7

44 12.8 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: 0.388 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

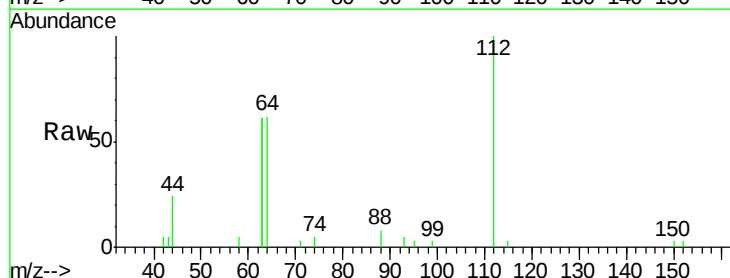
Tgt Ion: 112 Resp: 2926

Ion Ratio Lower Upper

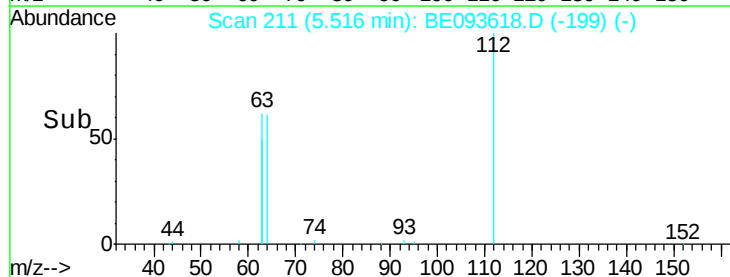
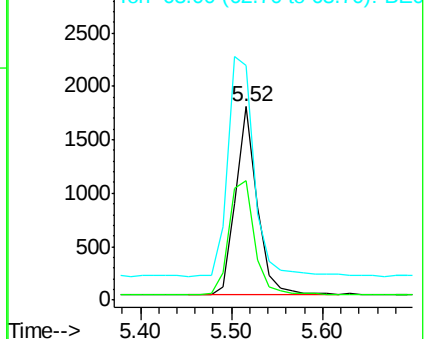
112 100

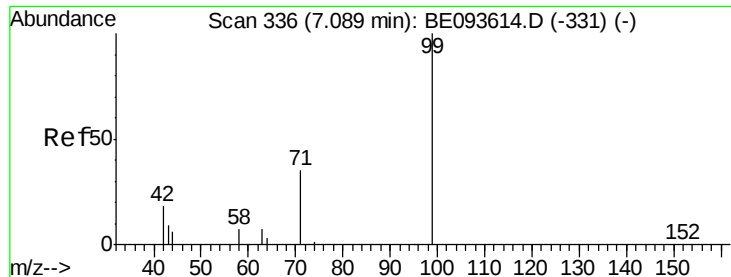
64 72.1 56.4 84.6

63 139.3 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: 0.376 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

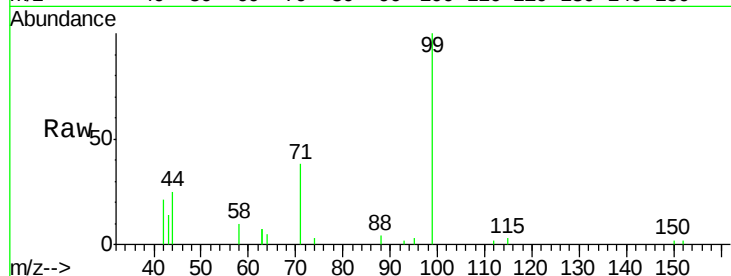
Tgt Ion: 99 Resp: 4273

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

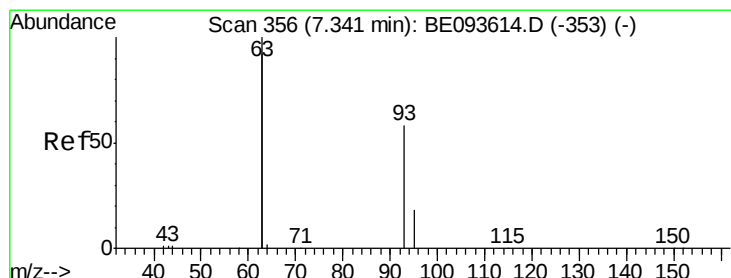
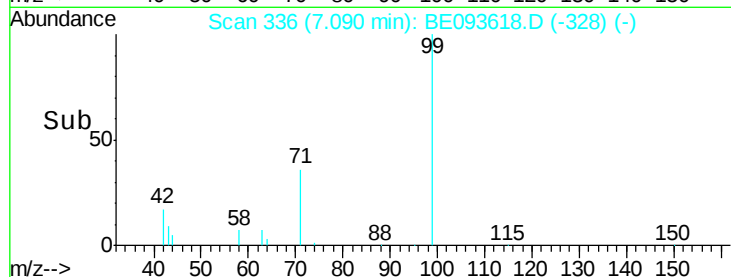
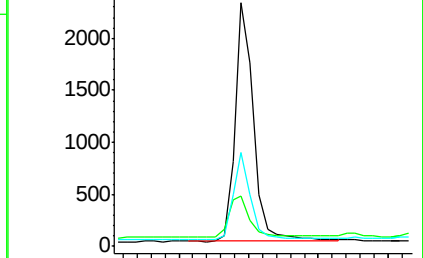
71 35.0 0.0 0.0#



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: 0.389 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

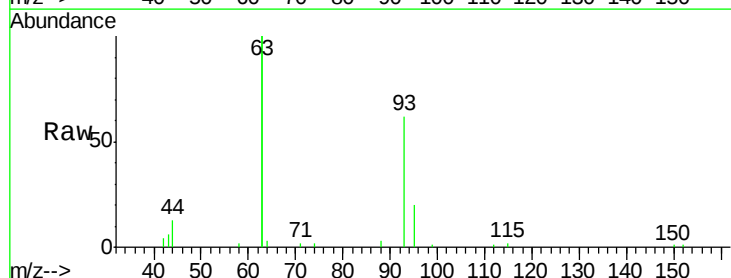
Tgt Ion: 93 Resp: 3713

Ion Ratio Lower Upper

93 100

63 343.6 0.0 0.0#

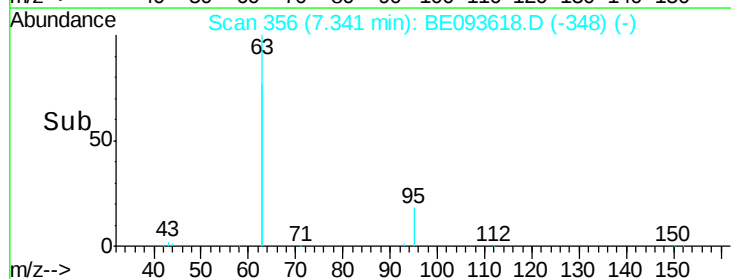
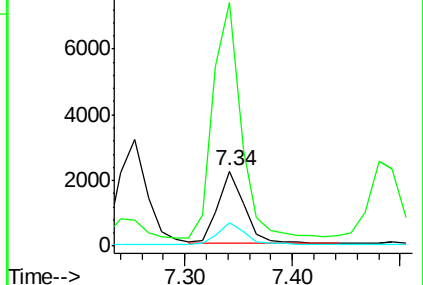
95 32.0 25.4 38.0

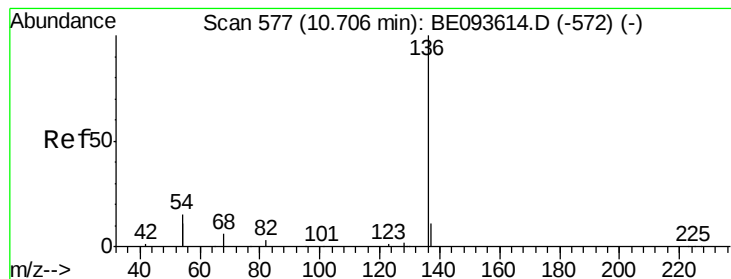


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

Tgt Ion:136 Resp: 11988

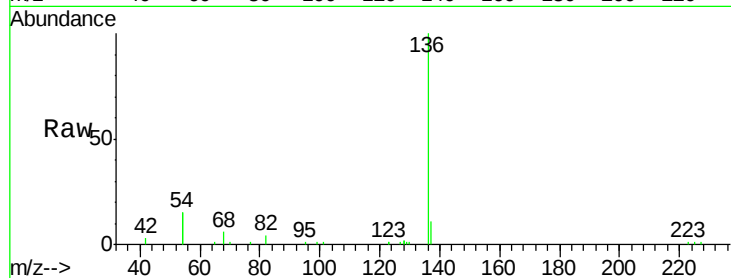
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 30.6 10.3 15.5#

68 6.4 9.0 13.4#

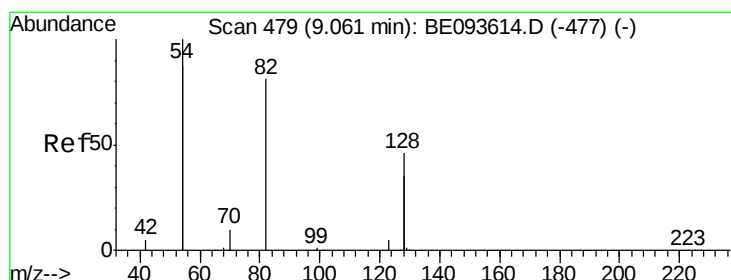
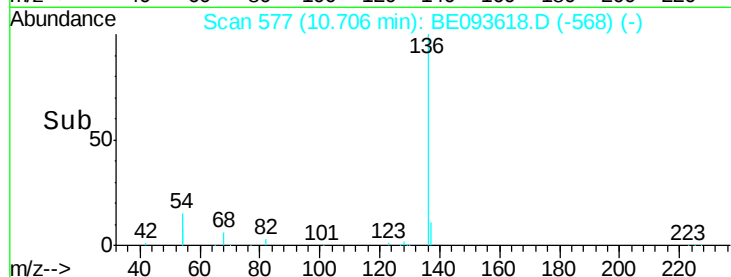
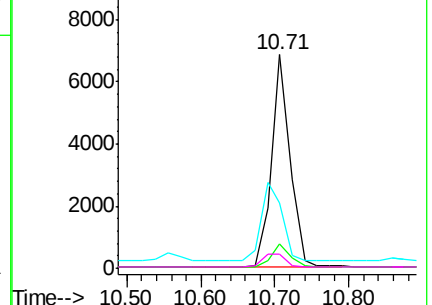


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

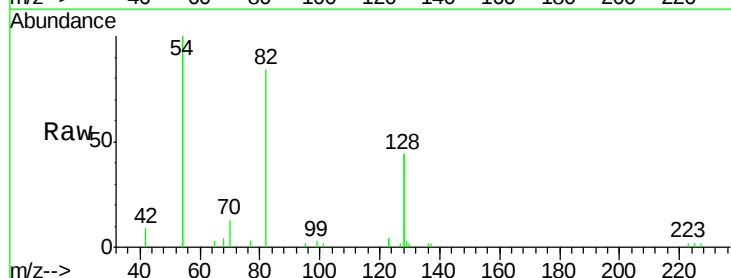
Tgt Ion: 82 Resp: 3516

Ion Ratio Lower Upper

82 100

128 105.0 17.0 25.4#

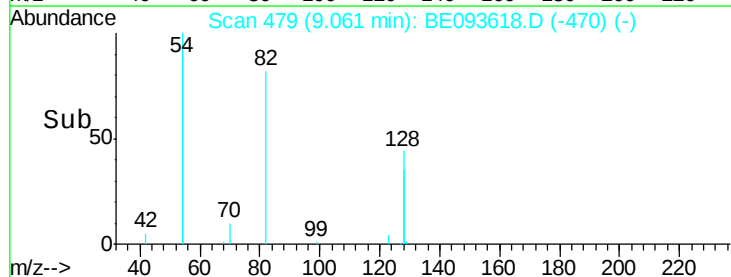
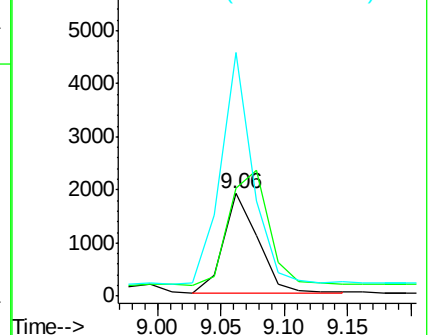
54 238.0 53.8 80.6#

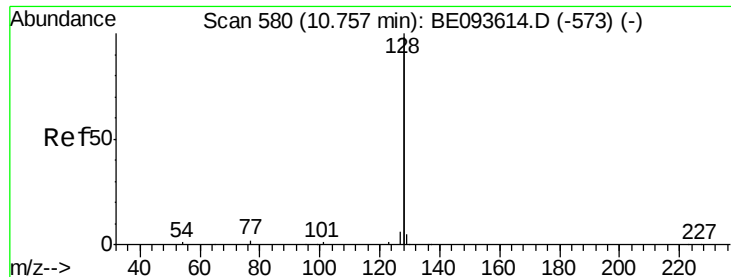


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.390 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

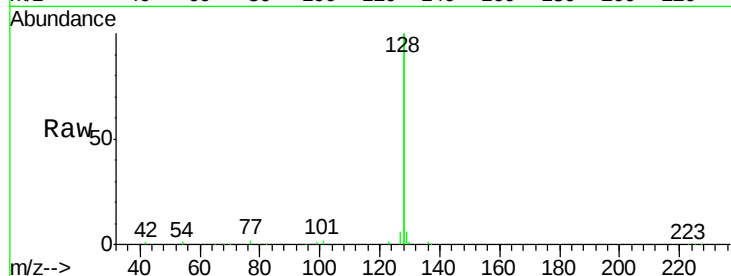
Tgt Ion:128 Resp: 54066

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

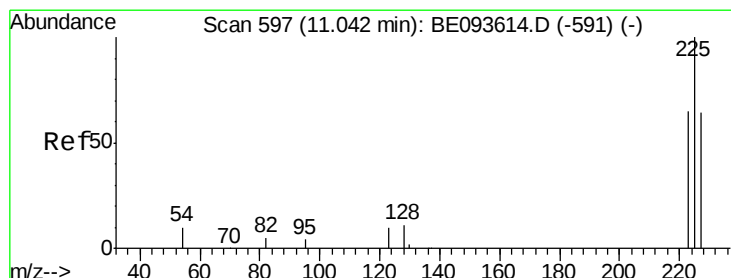
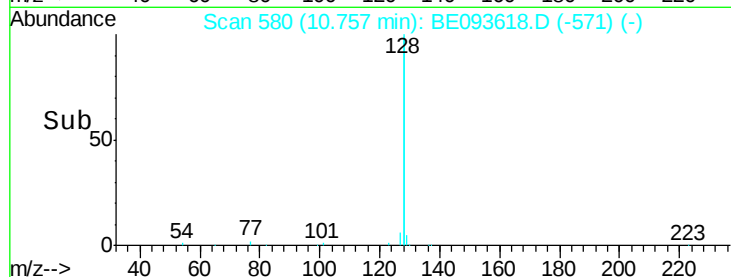
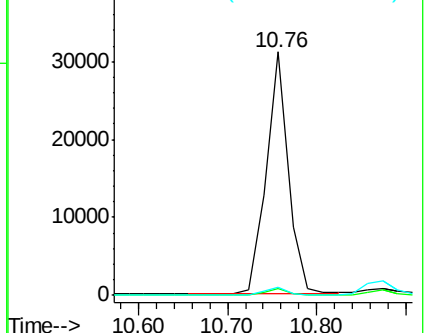
127 3.2 2.4 3.6



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: 0.390 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

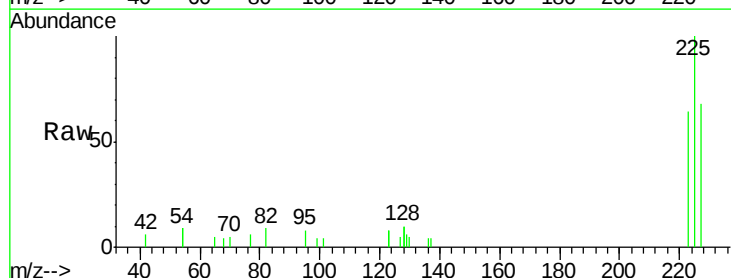
Tgt Ion:225 Resp: 2006

Ion Ratio Lower Upper

225 100

223 63.1 49.7 74.5

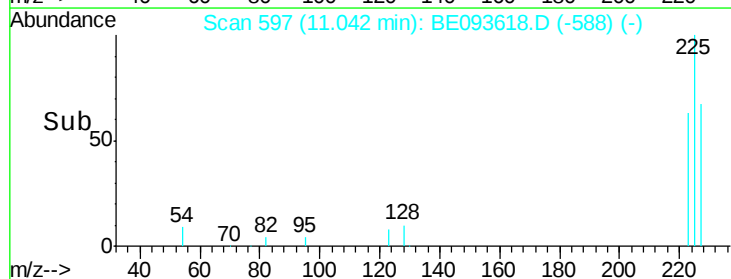
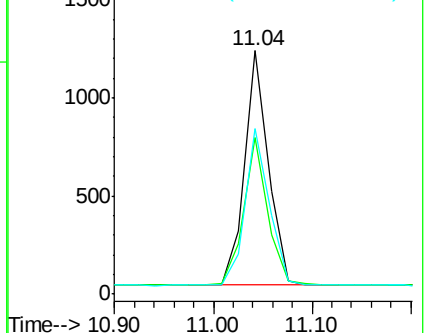
227 68.0 50.3 75.5

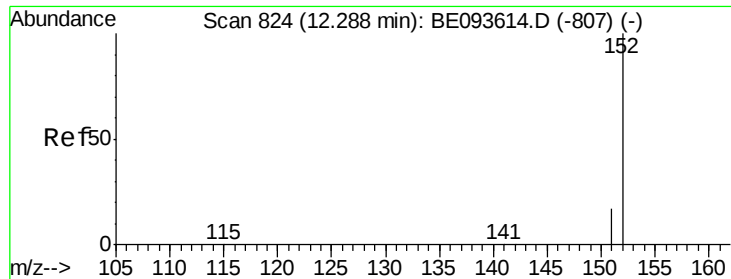


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

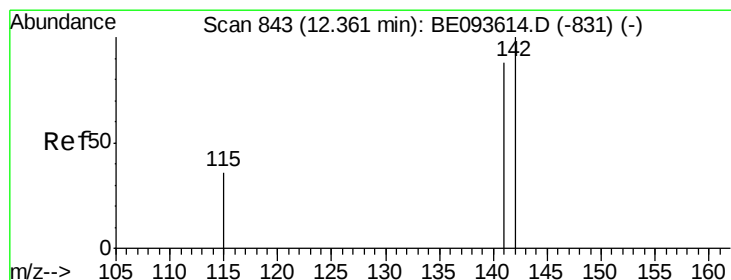
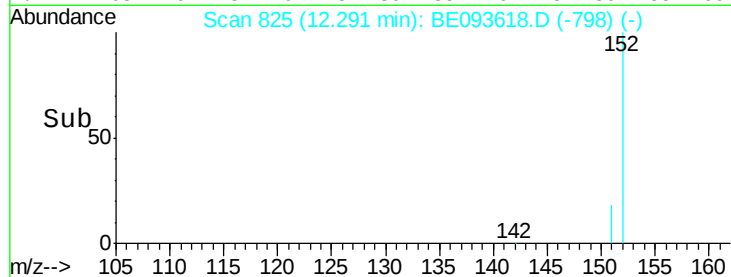
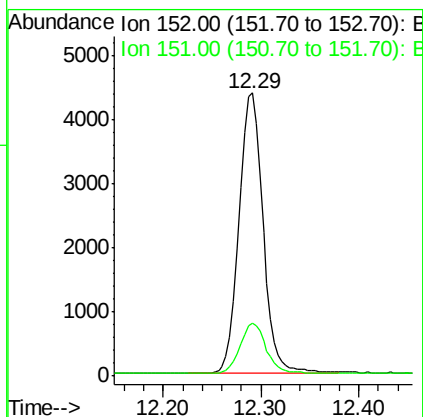
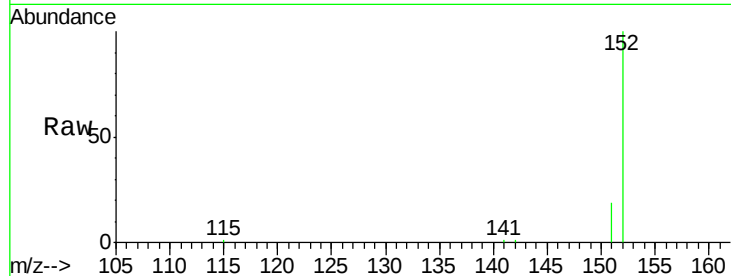




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.29 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

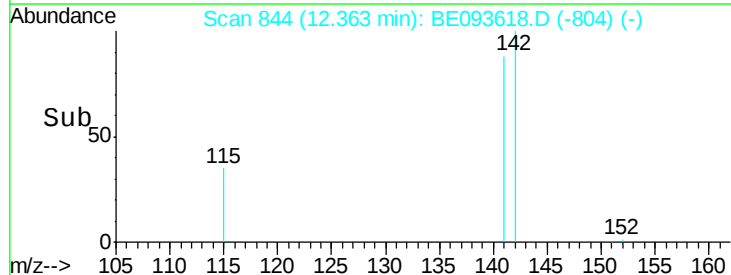
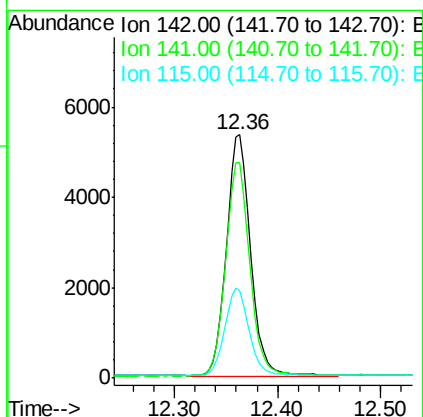
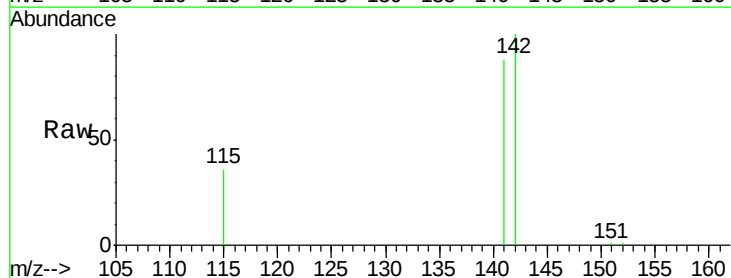
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080117

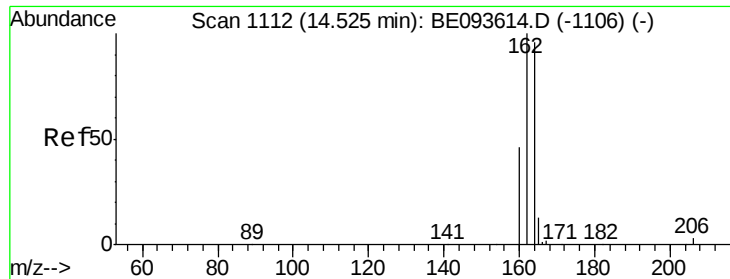
Tgt Ion:152 Resp: 7411
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.384 ng
 RT: 12.36 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

Tgt Ion:142 Resp: 8820
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.6 108.8
 115 36.1 32.2 48.2

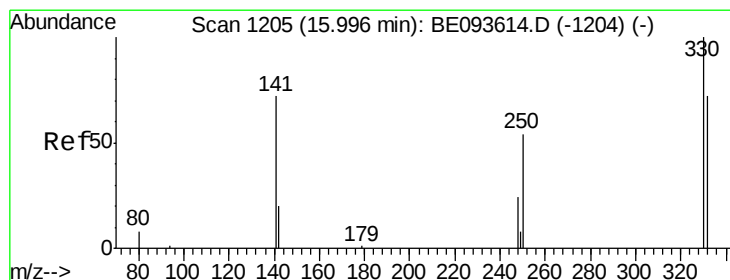
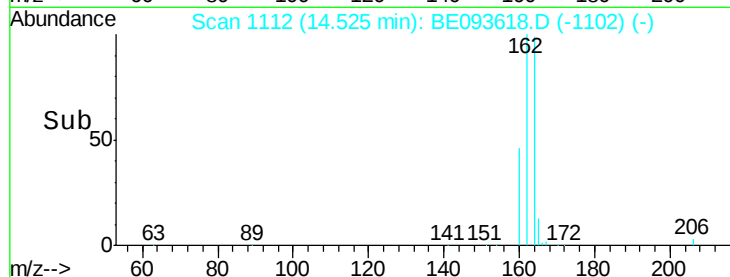
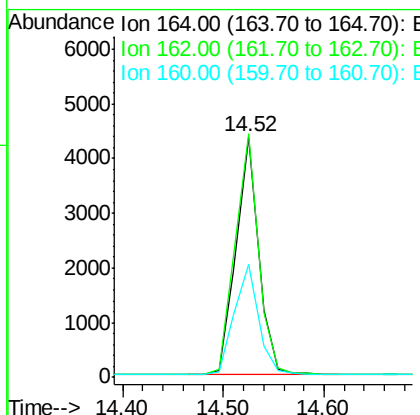
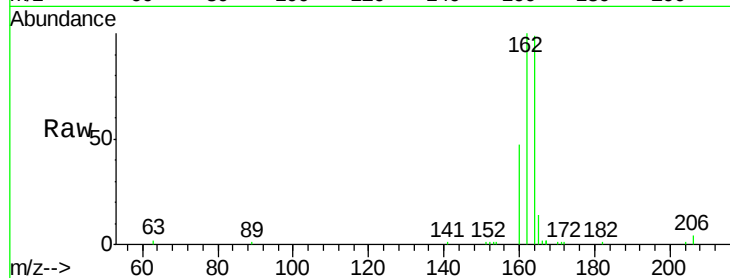




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

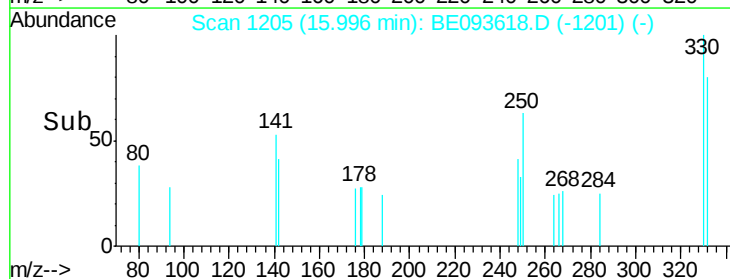
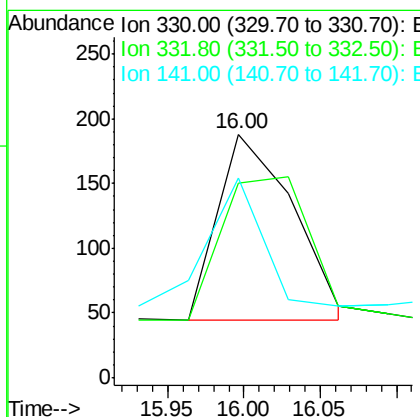
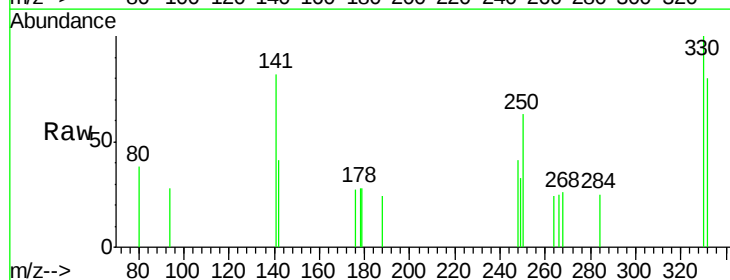
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080117

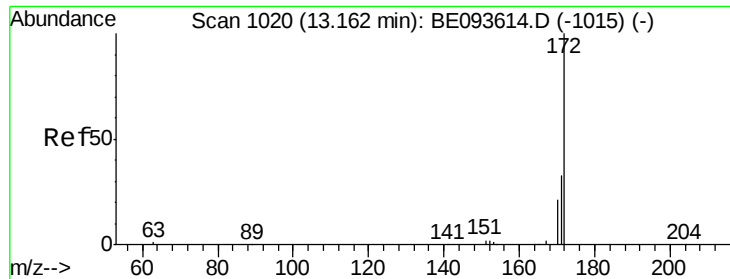
Tgt Ion:164 Resp: 6841
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.6 127.0
 160 47.1 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

Tgt Ion:330 Resp: 495
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 49.1 56.2 84.4#

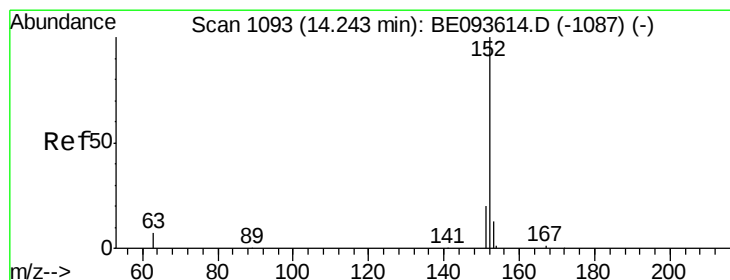
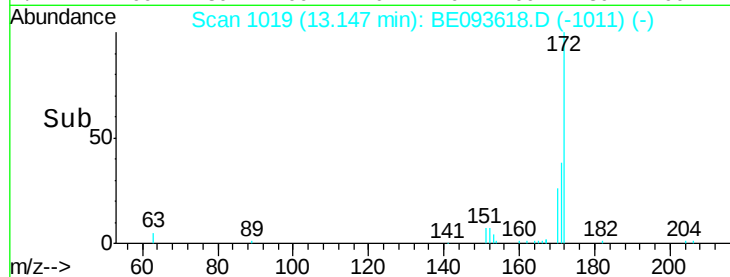
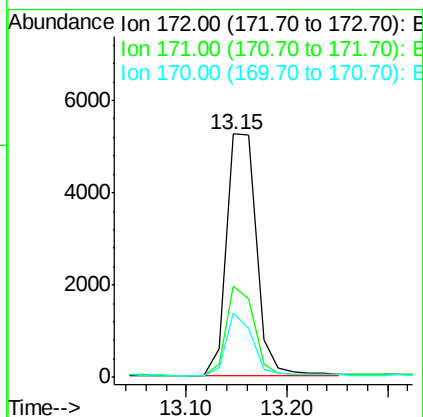
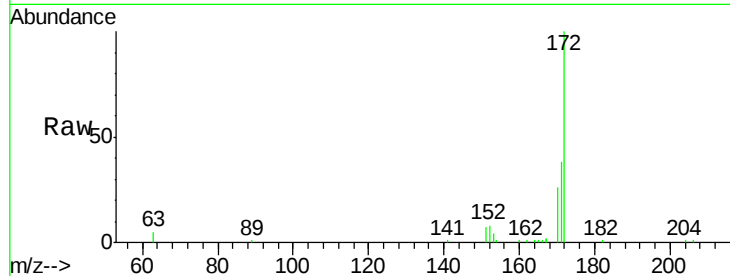




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093618.D
Acq: 1 Aug 2017 16:04

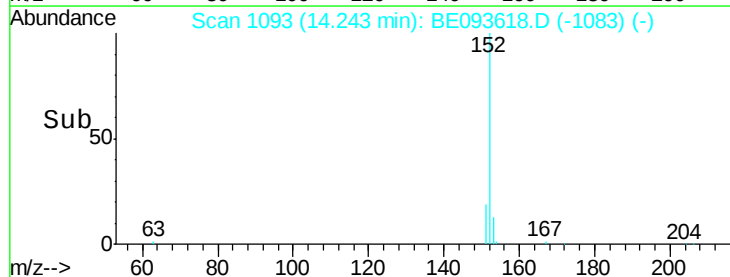
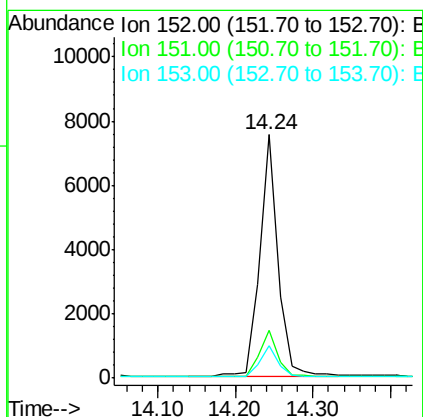
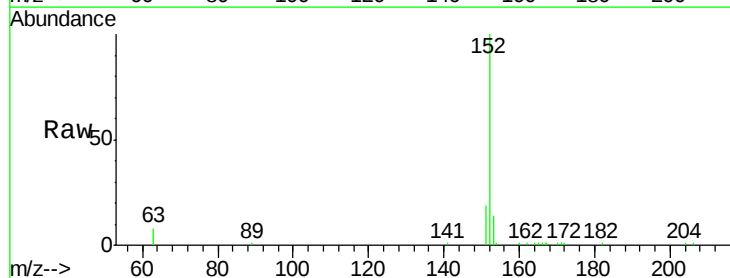
Instrument :
BNA_E
ClientSampleId :
ICVBE080117

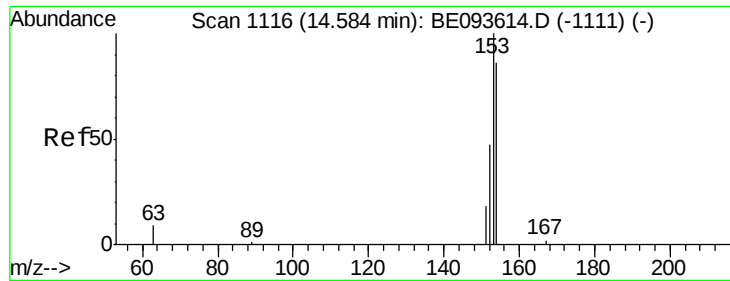
Tgt Ion:172 Resp: 10745
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 26.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093618.D
Acq: 1 Aug 2017 16:04

Tgt Ion:152 Resp: 12362
Ion Ratio Lower Upper
152 100
151 19.0 4.0 6.0#
153 13.0 10.3 15.5

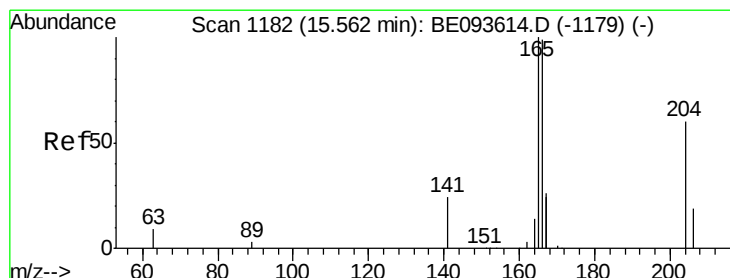
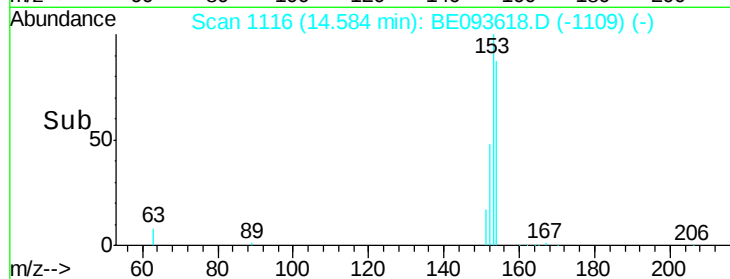
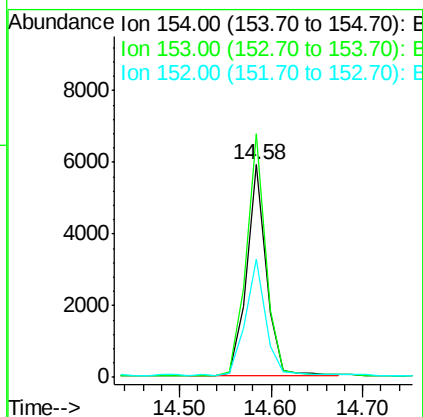
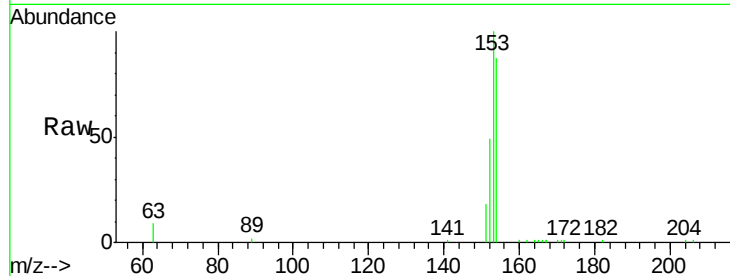




#17
Acenaphthene
Concen: 0.383 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093618.D
Acq: 1 Aug 2017 16:04

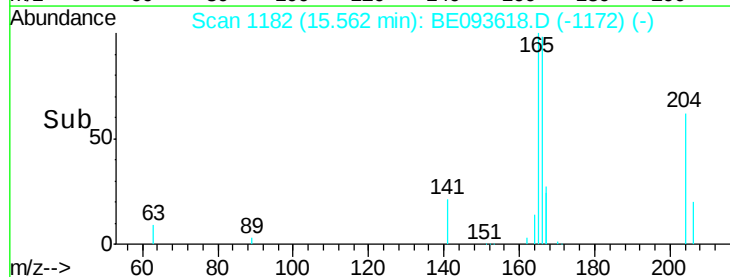
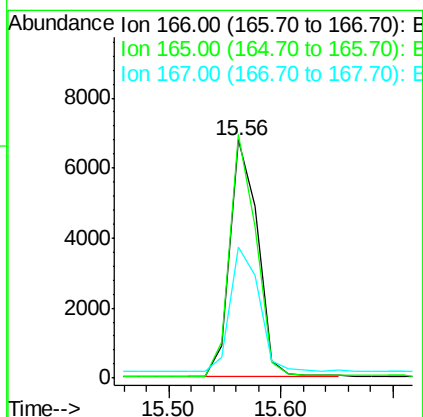
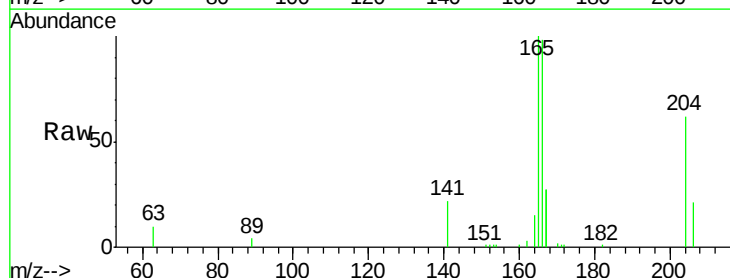
Instrument :
BNA_E
ClientSampleId :
ICVBE080117

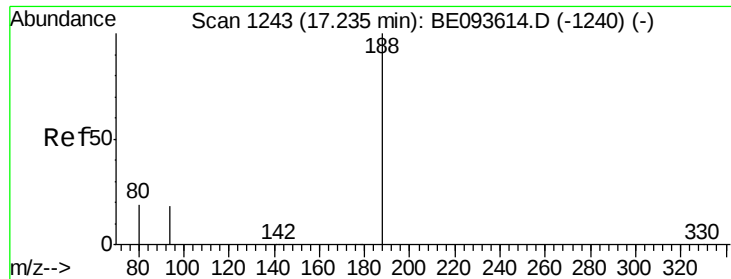
Tgt Ion:154 Resp: 8828
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 56.1 44.8 67.2



#18
Fluorene
Concen: 0.378 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093618.D
Acq: 1 Aug 2017 16:04

Tgt Ion:166 Resp: 11667
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 54.1 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

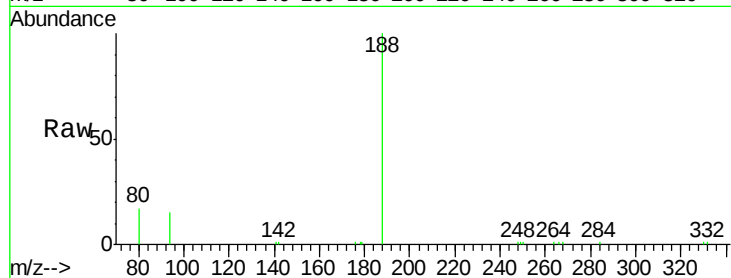
Tgt Ion:188 Resp: 16553

Ion Ratio Lower Upper

188 100

94 15.4 11.3 16.9

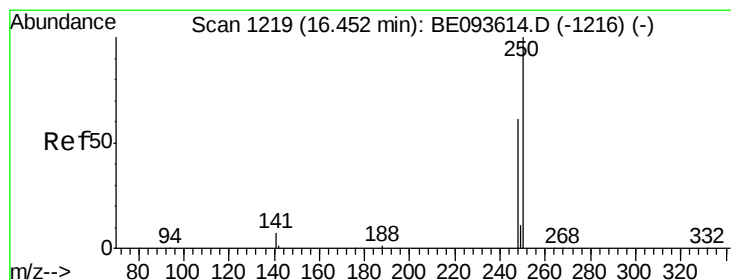
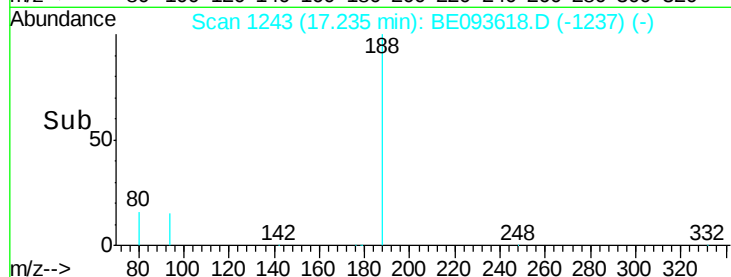
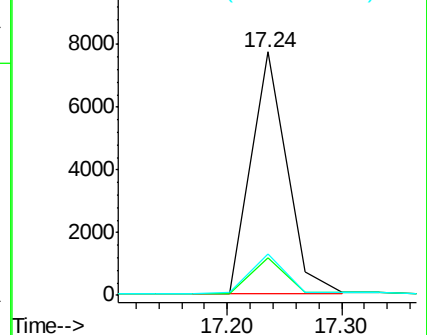
80 16.8 11.7 17.5



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: 0.392 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

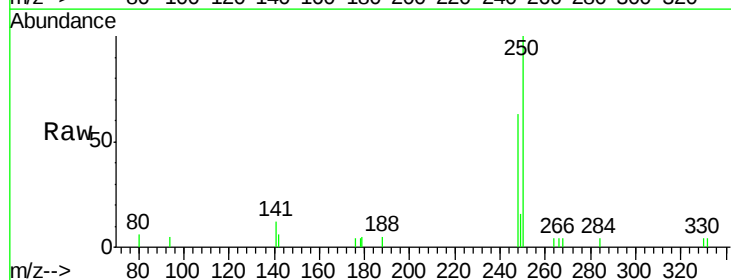
Tgt Ion:248 Resp: 1985

Ion Ratio Lower Upper

248 100

250 159.9 128.0 192.0

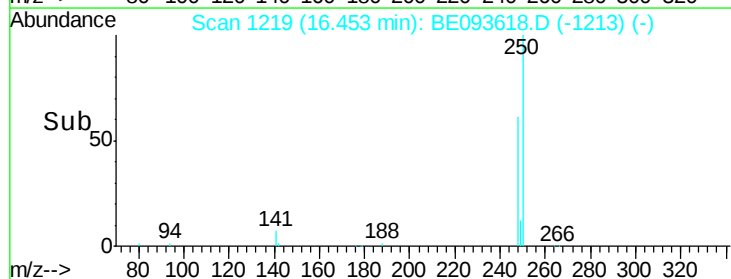
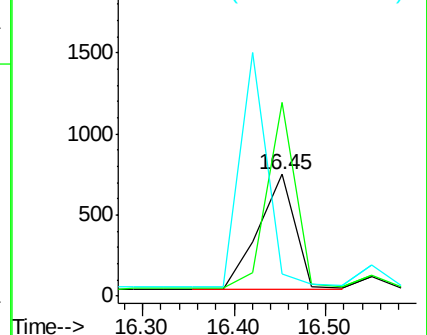
141 18.7 12.0 18.0#

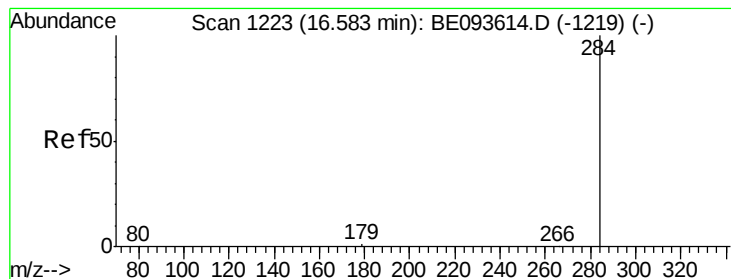


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.435 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

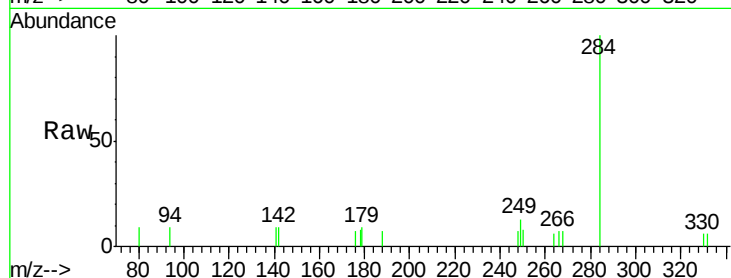
Tgt Ion:284 Resp: 2206

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

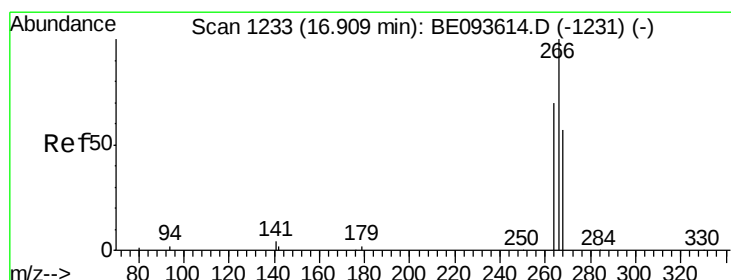
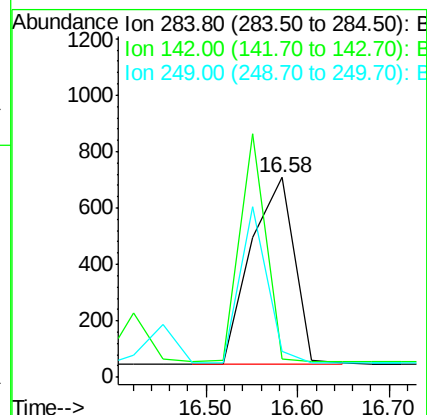
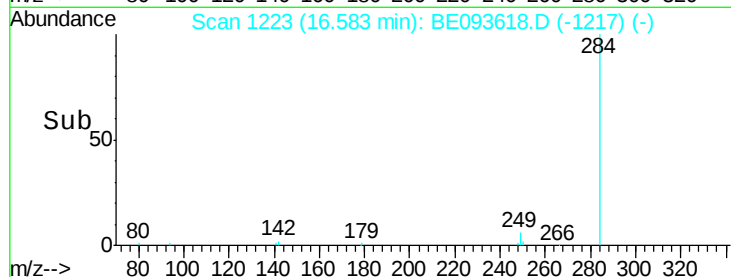
249 0.0 0.0 0.0



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: 0.396 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

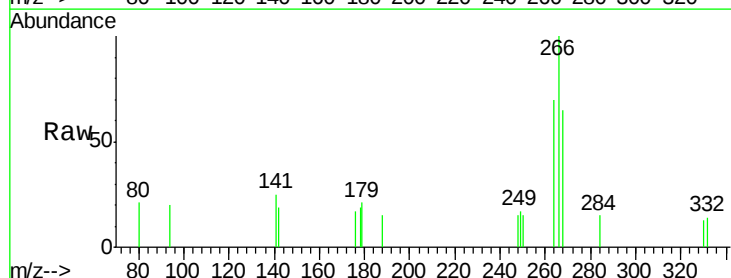
Tgt Ion:266 Resp: 792

Ion Ratio Lower Upper

266 100

264 70.3 56.0 84.0

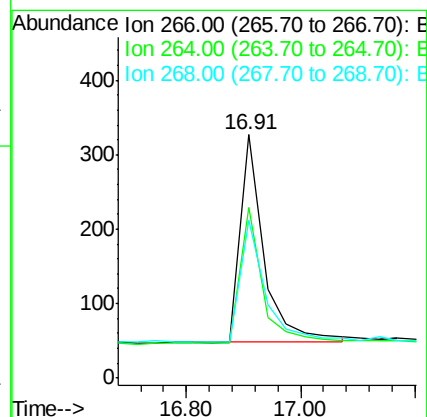
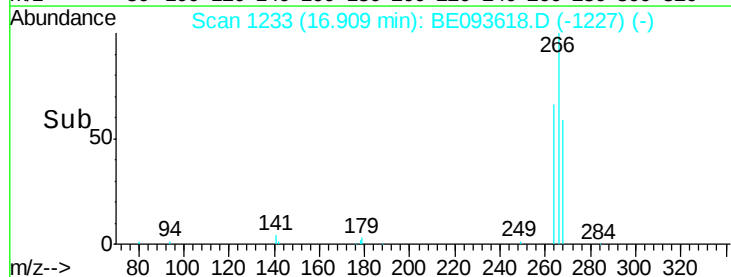
268 64.8 52.0 78.0

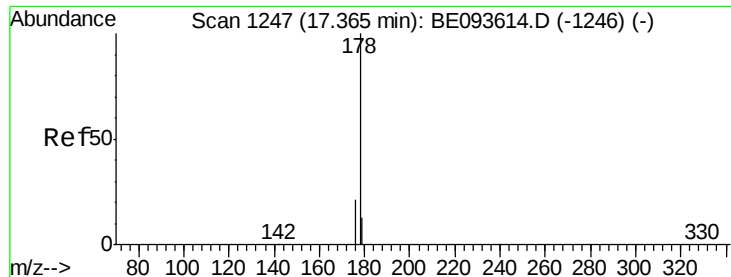


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.656 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

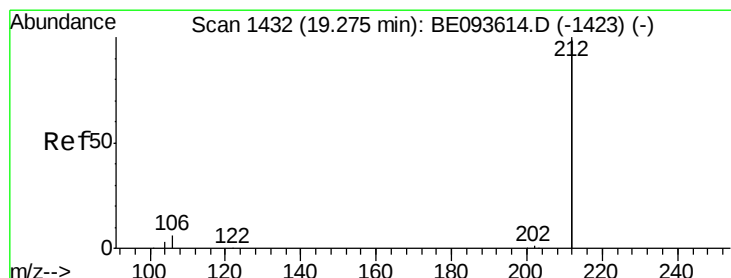
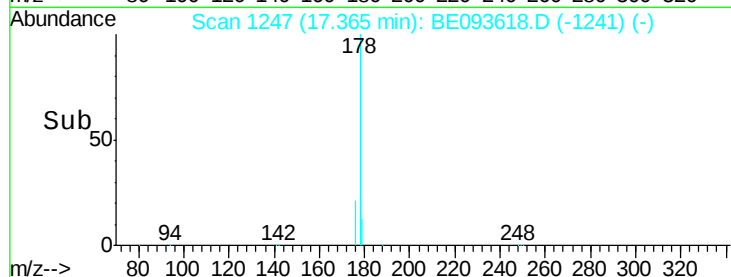
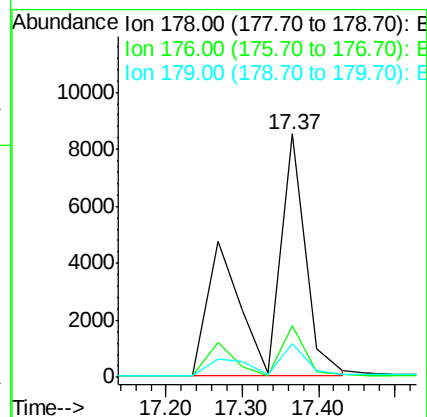
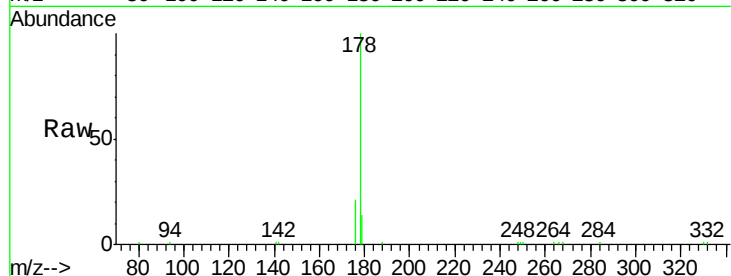
Tgt Ion:178 Resp: 32633

Ion Ratio Lower Upper

178 100

176 11.4 14.6 22.0#

179 7.8 12.0 18.0#



#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

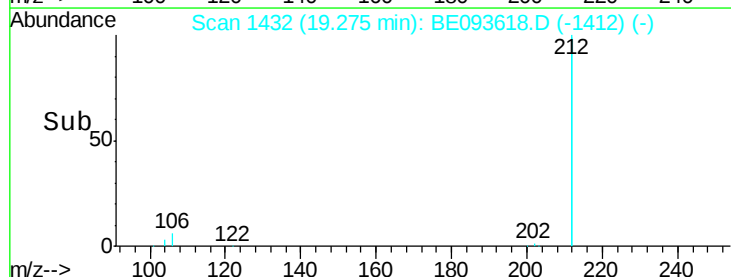
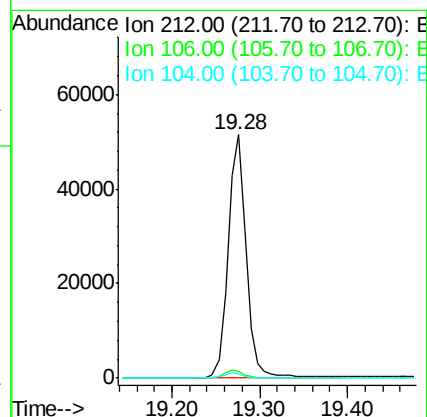
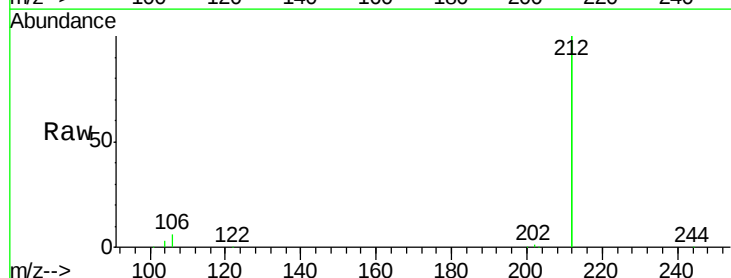
Tgt Ion:212 Resp: 73000

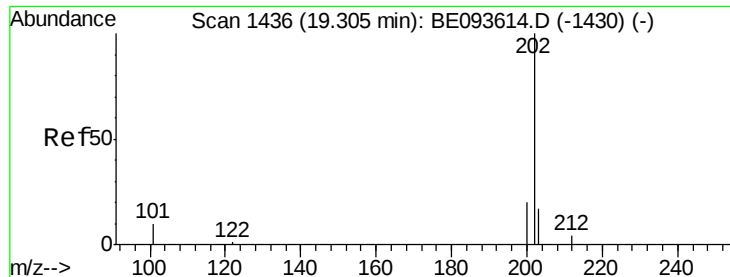
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 1.9 1.6 2.4

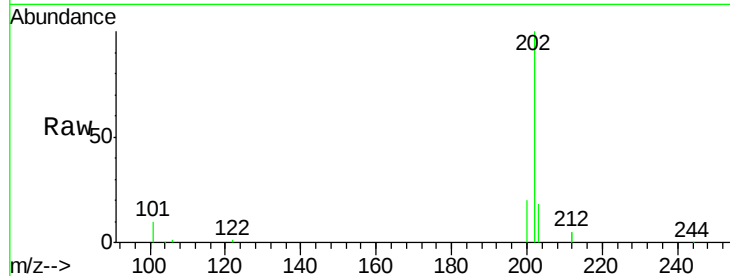




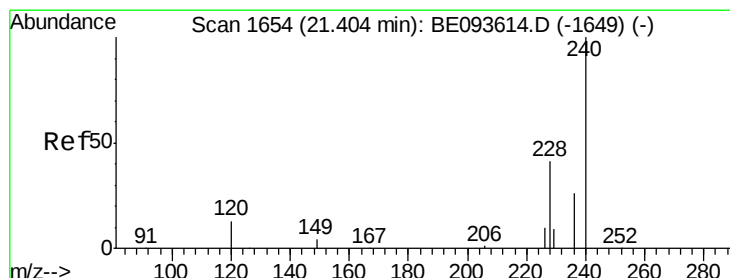
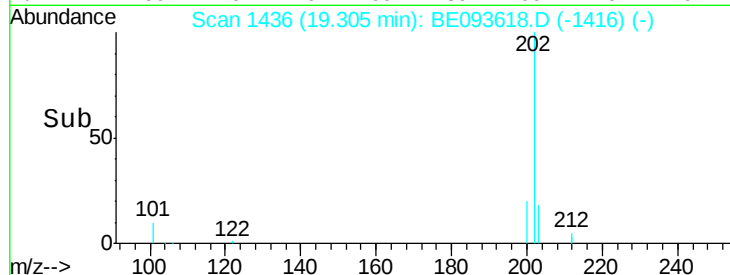
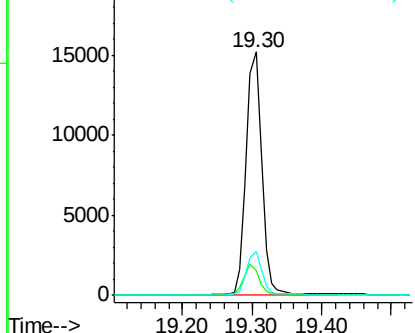
#26
 Fluoranthene
 Concen: 0.390 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080117

Tgt Ion:202 Resp: 22583
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.6 14.4
 203 17.1 14.4 21.6

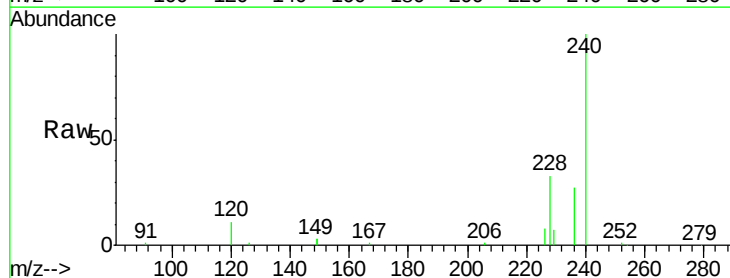


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

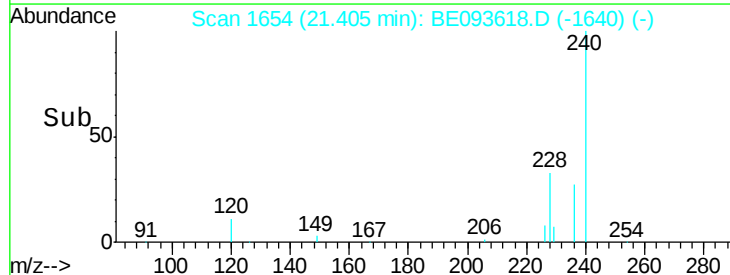
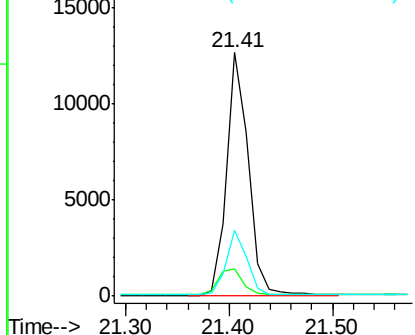


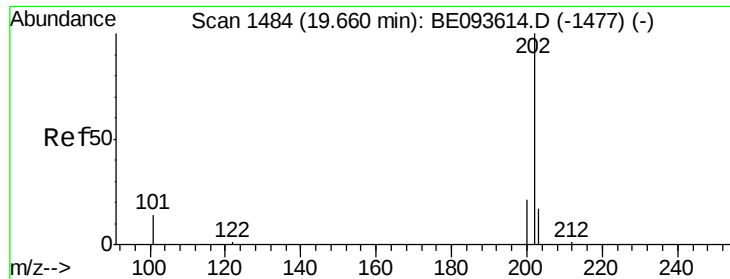
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

Tgt Ion:240 Resp: 18306
 Ion Ratio Lower Upper
 240 100
 120 11.3 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: 0.383 ng

RT: 19.66 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

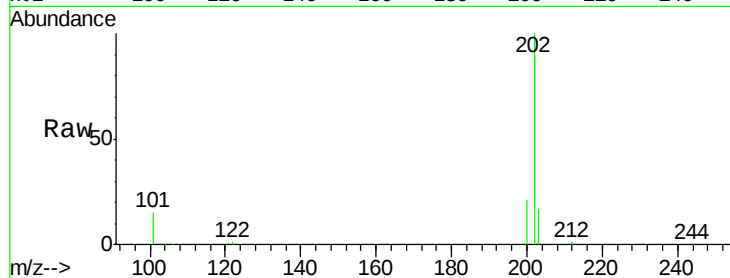
Tgt Ion:202 Resp: 22674

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

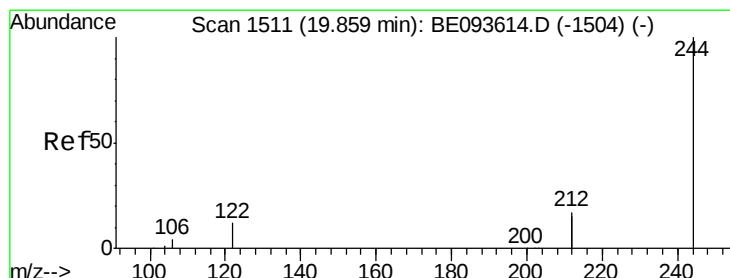
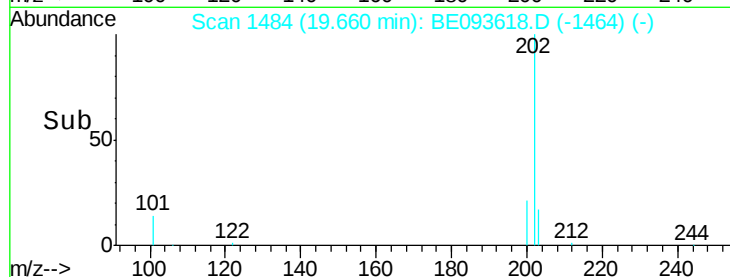
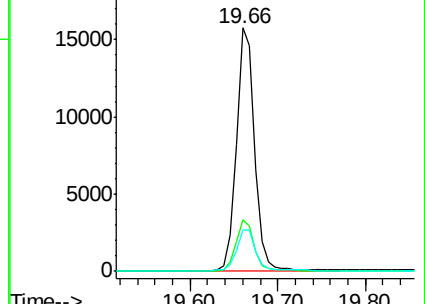
203 17.6 13.7 20.5



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: 0.395 ng

RT: 19.86 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

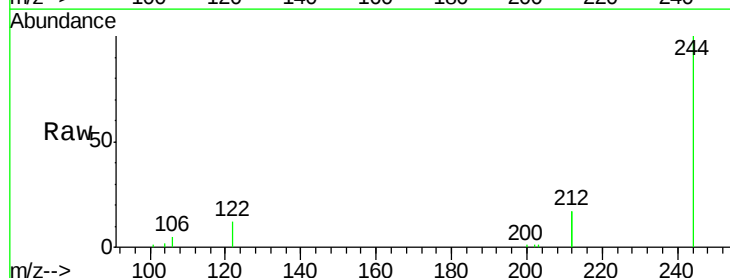
Tgt Ion:244 Resp: 12977

Ion Ratio Lower Upper

244 100

212 33.2 10.6 16.0#

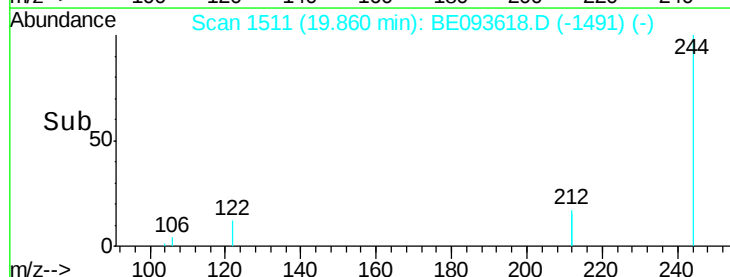
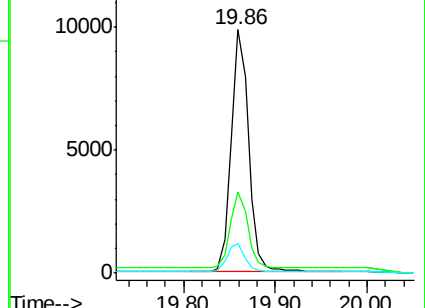
122 12.4 15.4 23.0#

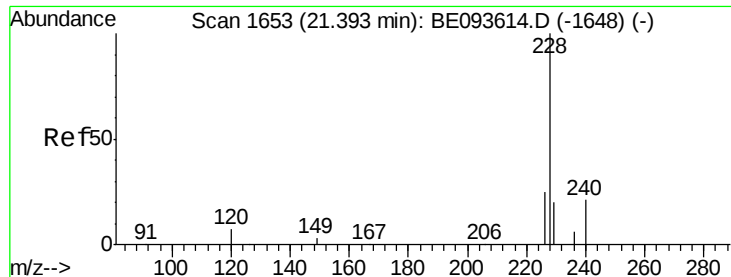


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.386 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

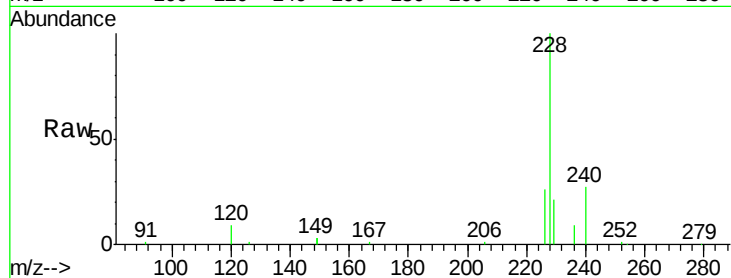
Tgt Ion:228 Resp: 20763

Ion Ratio Lower Upper

228 100

226 26.2 19.7 29.5

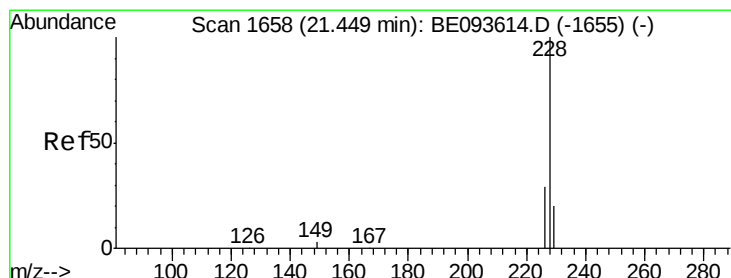
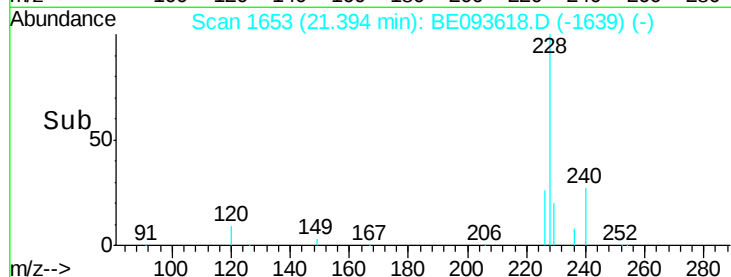
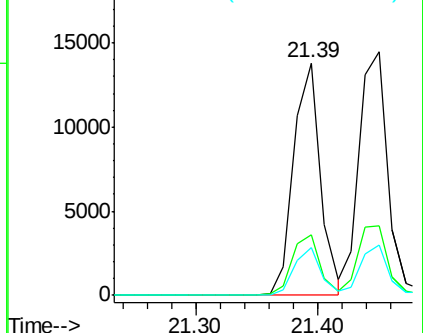
229 20.7 19.2 28.8



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: 0.392 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

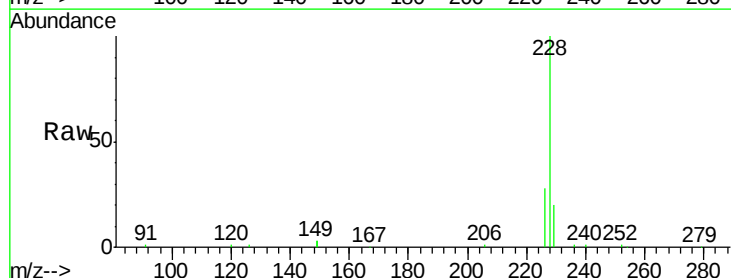
Tgt Ion:228 Resp: 23547

Ion Ratio Lower Upper

228 100

226 28.4 21.5 32.3

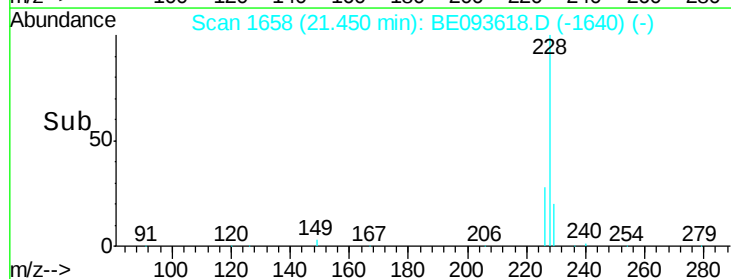
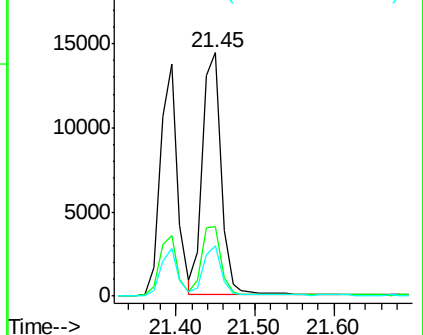
229 20.4 18.6 28.0

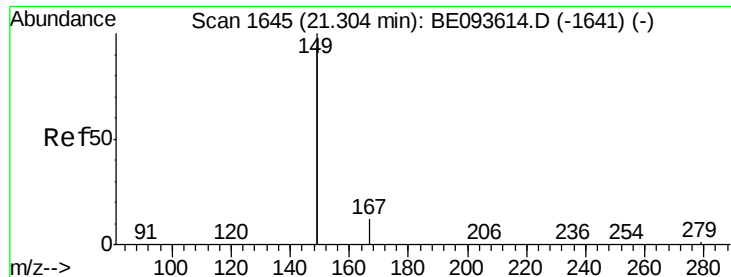


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.338 ng

RT: 21.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

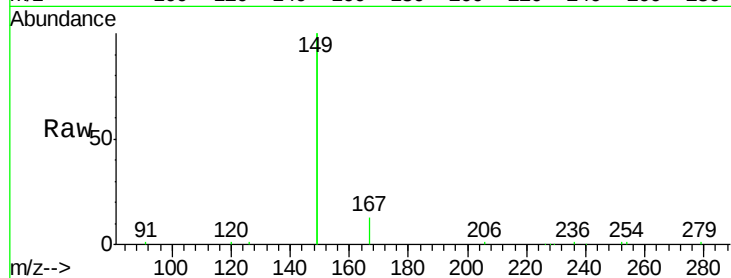
Tgt Ion:149 Resp: 24794

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

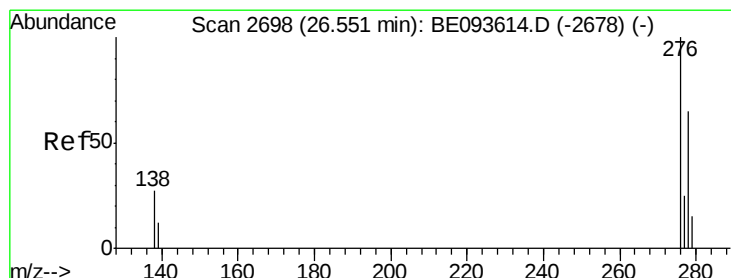
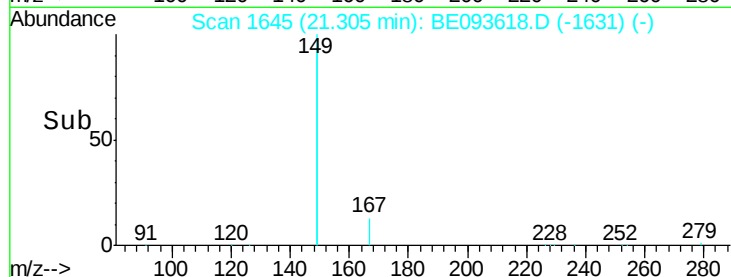
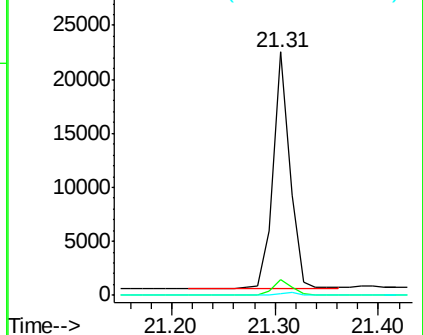
279 1.0 0.8 1.2



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: 0.391 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

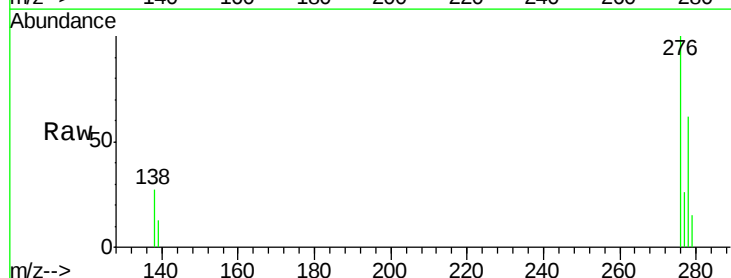
Tgt Ion:276 Resp: 21254

Ion Ratio Lower Upper

276 100

138 27.8 27.4 41.2

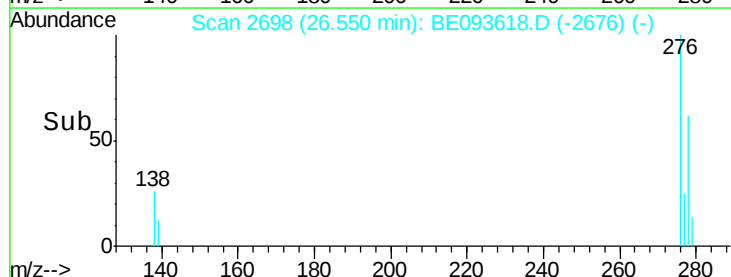
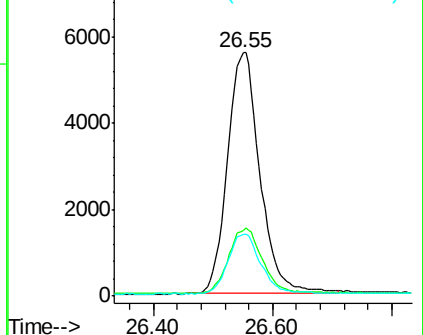
277 25.1 20.1 30.1

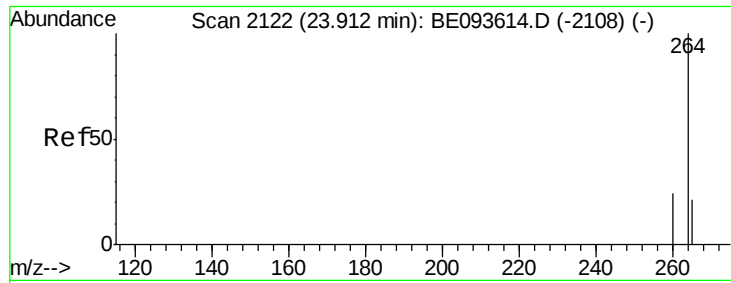


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

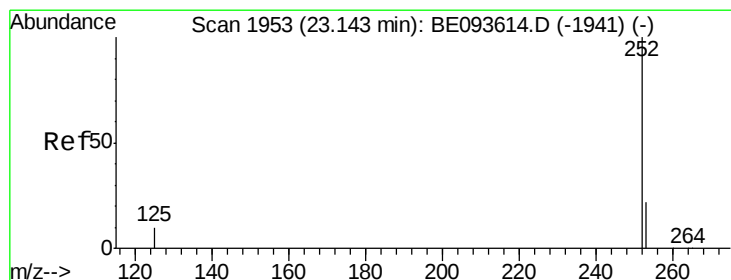
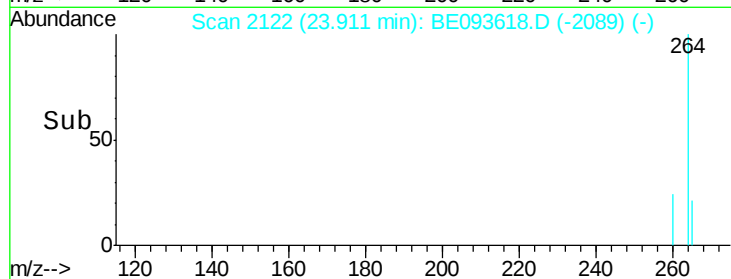
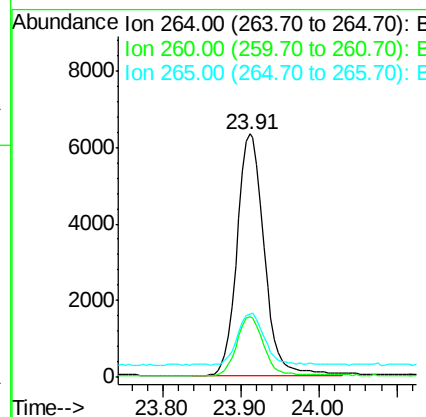
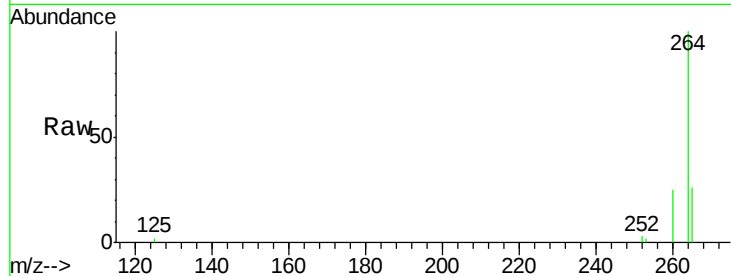




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

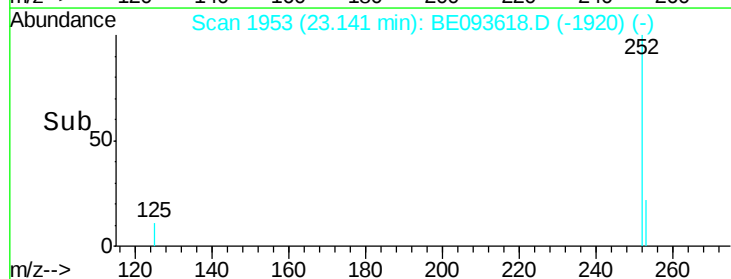
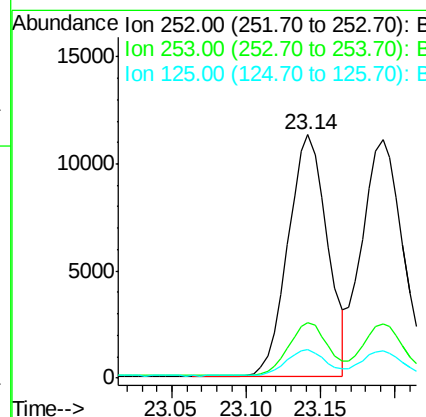
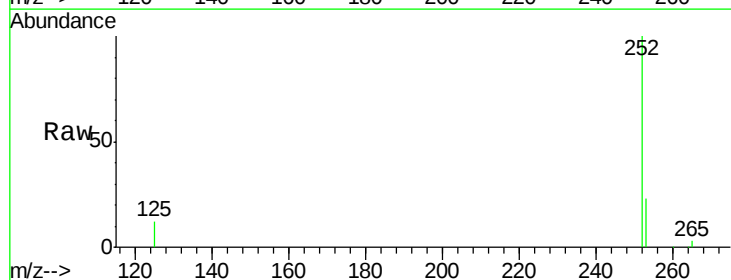
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080117

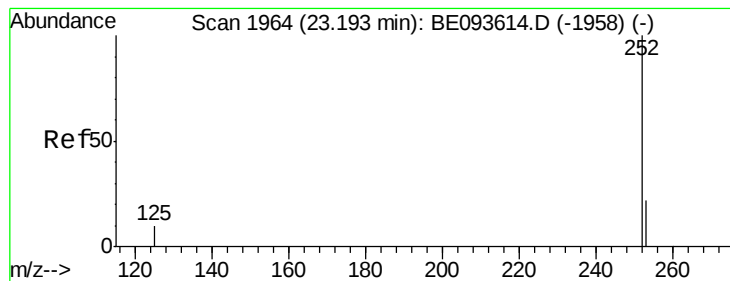
Tgt Ion: 264 Resp: 15195
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.0 31.4
 265 25.8 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.382 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BE093618.D
 Acq: 1 Aug 2017 16:04

Tgt Ion: 252 Resp: 20720
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.5 27.7
 125 11.7 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.391 ng

RT: 23.19 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

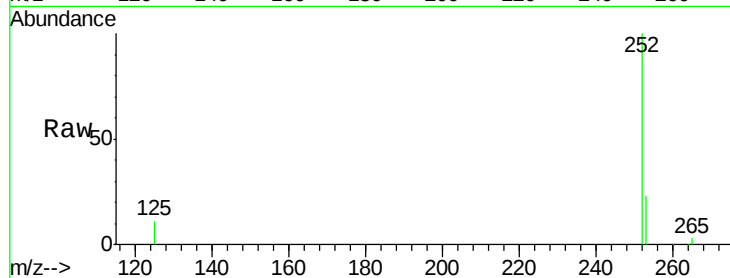
Tgt Ion:252 Resp: 21676

Ion Ratio Lower Upper

252 100

253 22.6 20.3 30.5

125 11.3 12.2 18.4#

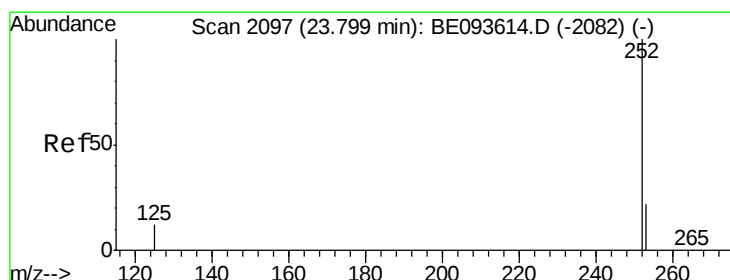
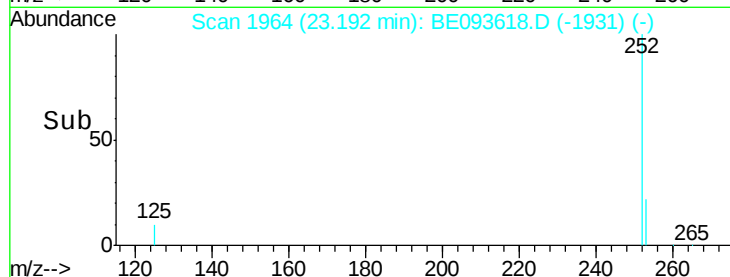
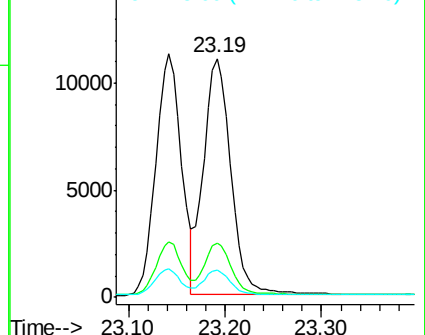


Abundance

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: 0.383 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

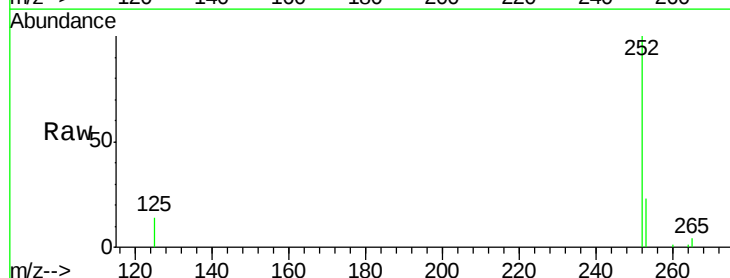
Tgt Ion:252 Resp: 18804

Ion Ratio Lower Upper

252 100

253 22.6 19.9 29.9

125 13.6 14.6 21.8#

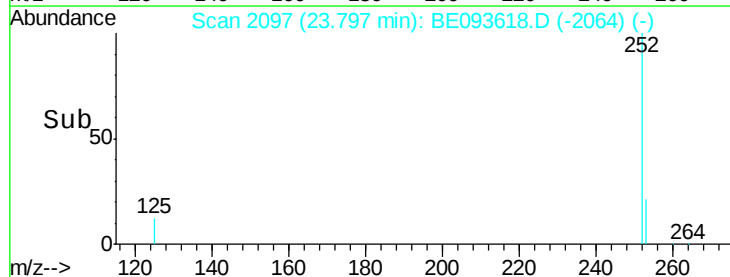
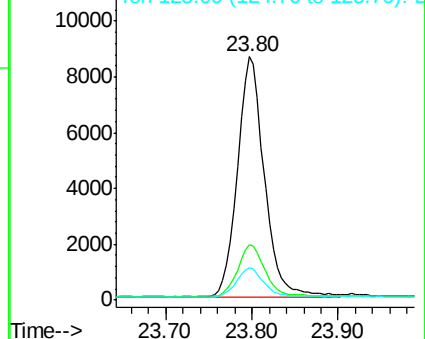


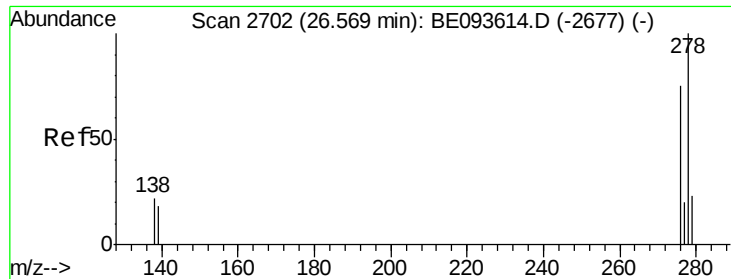
Abundance

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: 0.392 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

Instrument :

BNA_E

ClientSampleId :

ICVBE080117

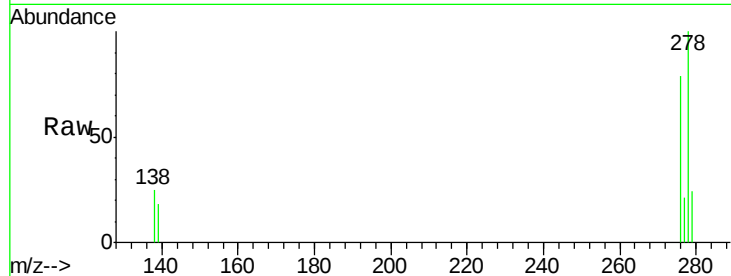
Tgt Ion:278 Resp: 18598

Ion Ratio Lower Upper

278 100

139 18.1 21.4 32.0#

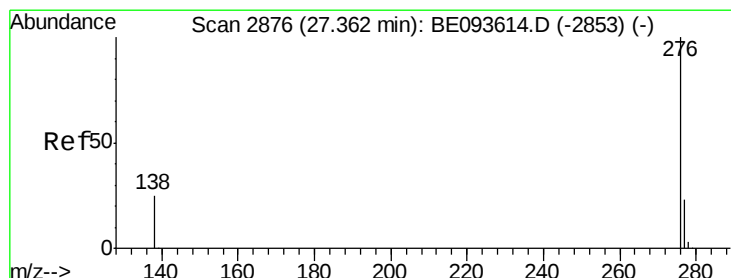
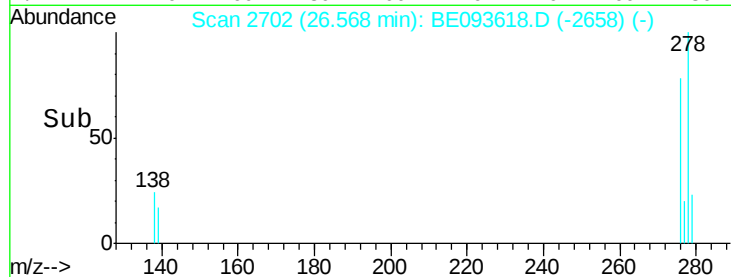
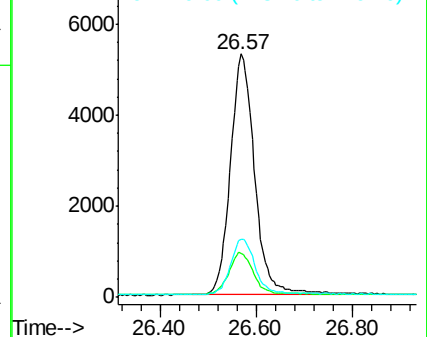
279 23.7 22.2 33.2



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: 0.390 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093618.D

Acq: 1 Aug 2017 16:04

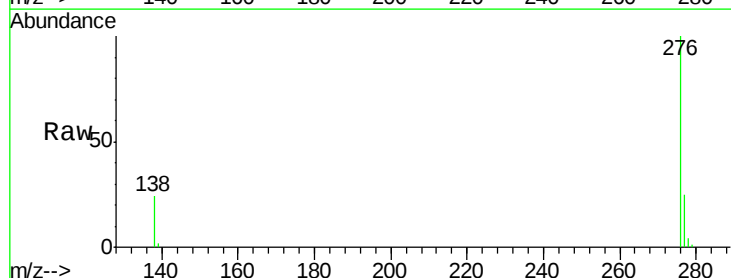
Tgt Ion:276 Resp: 18757

Ion Ratio Lower Upper

276 100

277 24.8 21.2 31.8

138 23.8 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

