

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096949.D
 Acq On : 16 Jul 2018 22:02
 Operator : SJ/JU
 Sample : J3921-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180709

Quant Time: Jul 17 16:43:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2440	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	12223	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6770	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	17437	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	15123	0.40	ng	0.00
34) Perylene-d12	23.21	264	15684	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1180	0.20	ng	0.00
5) Phenol-d6	6.60	99	958	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	3912	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	7440	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	718	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	13735	0.55	ng	0.00
25) Fluoranthene-d10	18.81	212	72624	0.48	ng	0.00
29) Terphenyl-d14	19.43	244	21789	0.75	ng	0.00

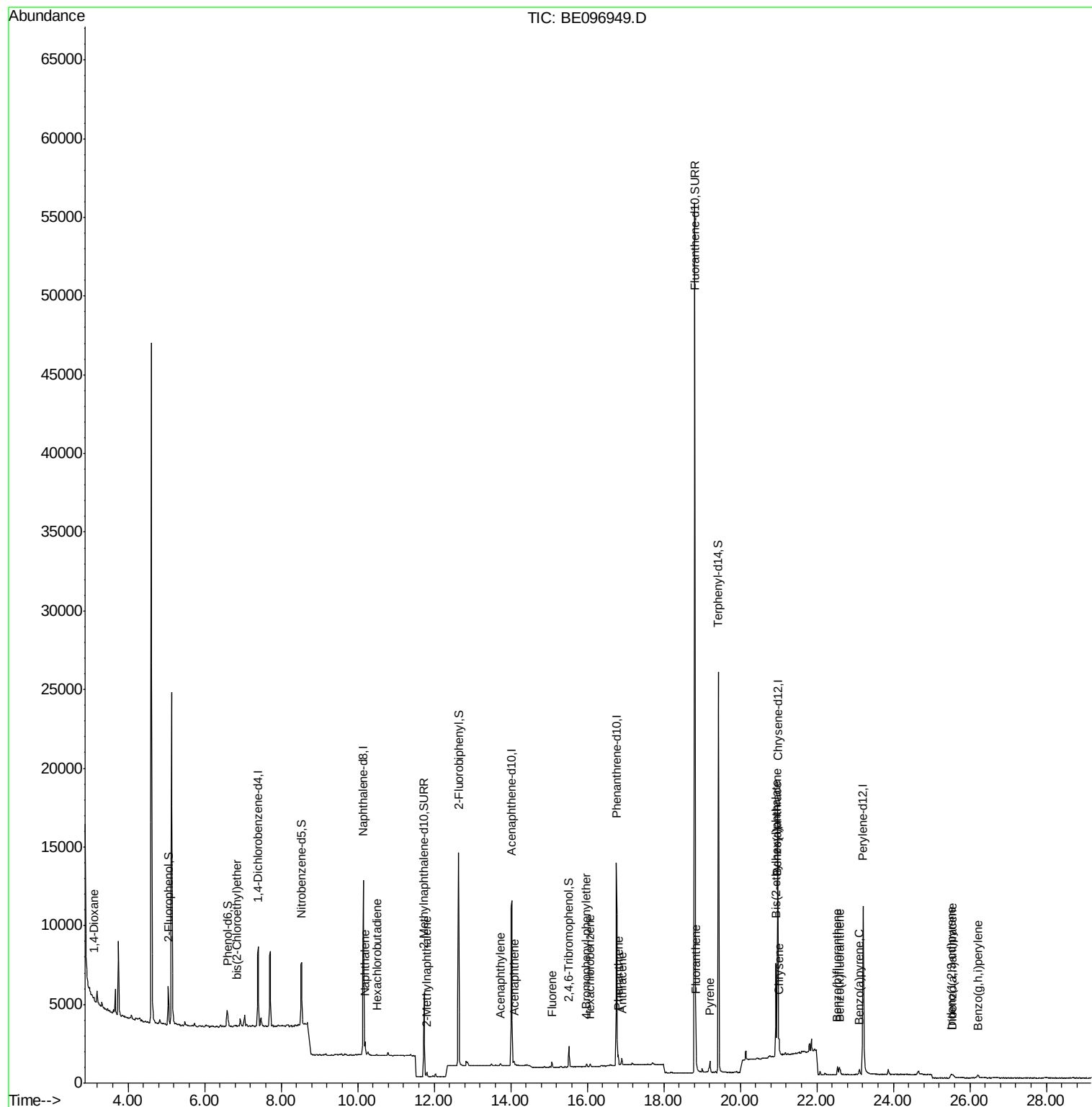
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	53	0.015	ng	# 16
6) bis(2-Chloroethyl)ether	6.84	93	32	0.004	ng	# 31
9) Naphthalene	10.20	128	1157	0.011	ng	# 86
10) Hexachlorobutadiene	10.50	225	29	0.007	ng	# 70
12) 2-Methylnaphthalene	11.81	142	209	0.011	ng	# 83
16) Acenaphthylene	13.74	152	184	0.006	ng	# 94
17) Acenaphthene	14.08	154	126	0.007	ng	# 95
18) Fluorene	15.08	166	252	0.012	ng	# 78
20) 4-Bromophenyl-phenylether	15.97	248	83	0.010	ng	# 64
21) Hexachlorobenzene	16.08	284	115	0.013	ng	# 79
22) Pentachlorophenol	16.44	266	15	Below Cal		99
23) Phenanthrene	16.81	178	662	0.016	ng	# 92
24) Anthracene	16.91	178	424	0.012	ng	# 88
26) Fluoranthene	18.84	202	690	0.016	ng	# 91
28) Pyrene	19.20	202	654	0.015	ng	# 96
30) Benzo(a)anthracene	20.97	228	692	0.019	ng	# 88
31) Chrysene	21.01	228	648	0.016	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.93	149	6352	0.177	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	481	0.016	ng	# 68
35) Benzo(b)fluoranthene	22.54	252	717	0.018	ng	# 73
36) Benzo(k)fluoranthene	22.58	252	662	0.014	ng	# 45
37) Benzo(a)pyrene	23.11	252	503	0.112	ng	# 40
38) Dibenzo(a,h)anthracene	25.54	278	324	0.126	ng	# 23
39) Benzo(g,h,i)perylene	26.21	276	446	0.014	ng	# 47

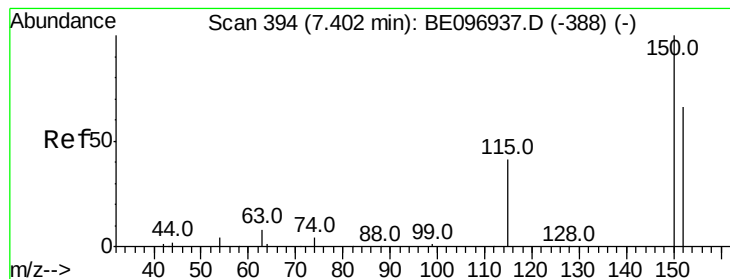
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

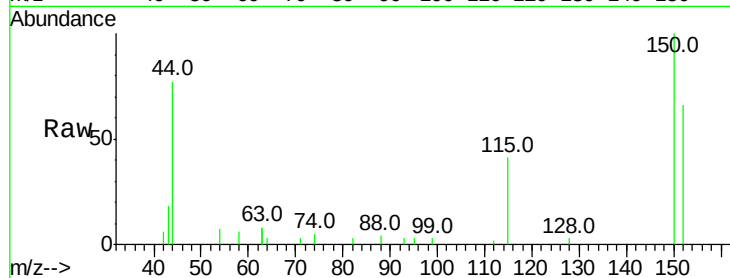
Tot Ion:152 Resp: 2440

Ion Ratio Lower Upper

152 100

150 152.3 117.2 175.8

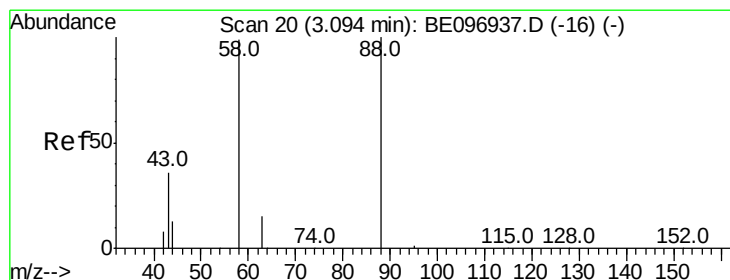
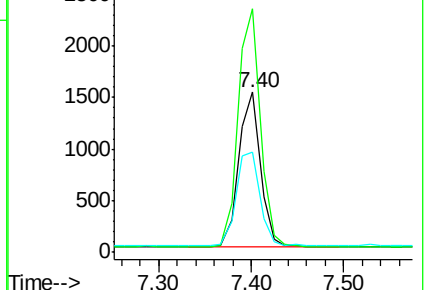
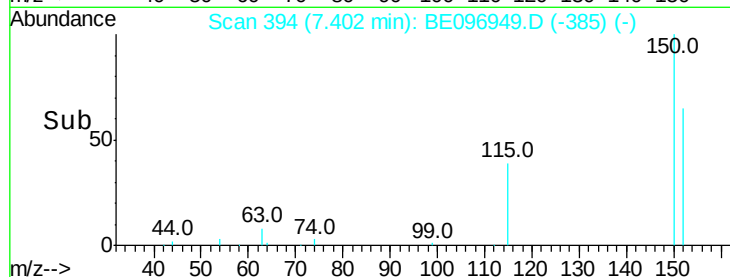
115 62.7 57.0 85.6



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: 0.015 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

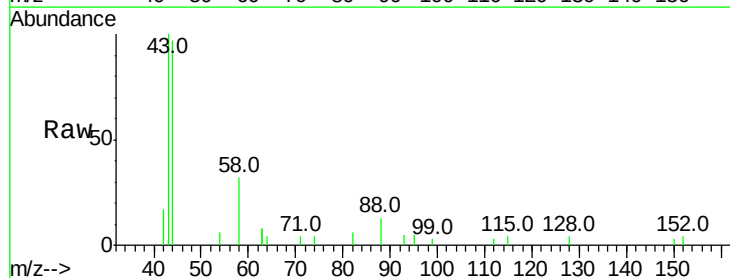
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 0.0 63.2 94.8#

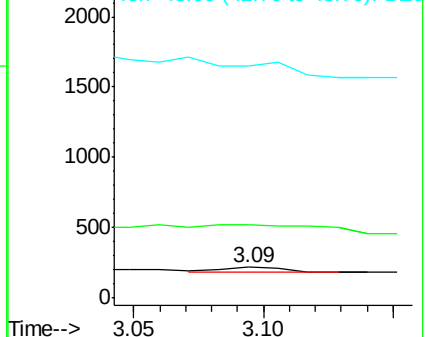
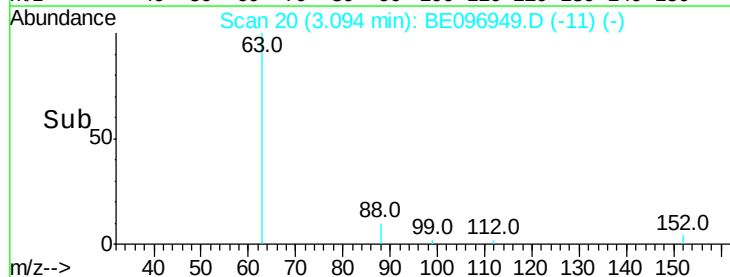
43 0.0 41.2 61.8#

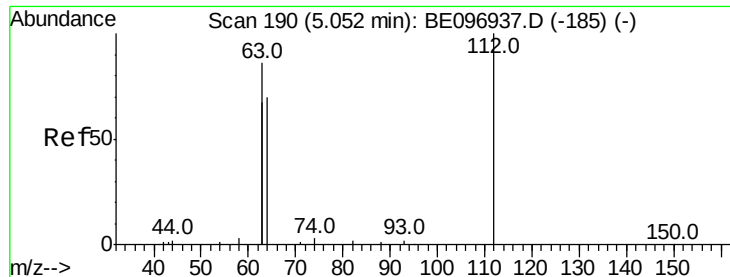


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.202 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

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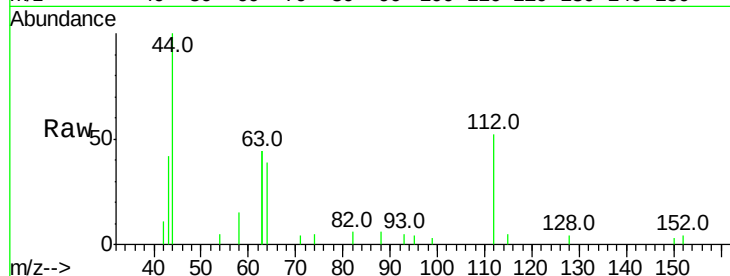
Tot Ion:112 Resp: 1180

Ion Ratio Lower Upper

112 100

64 67.8 60.1 90.1

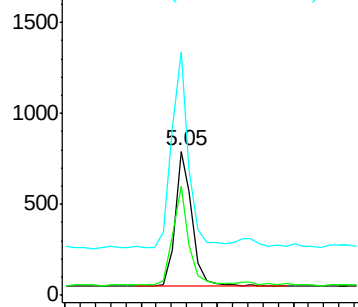
63 142.6 116.8 175.2



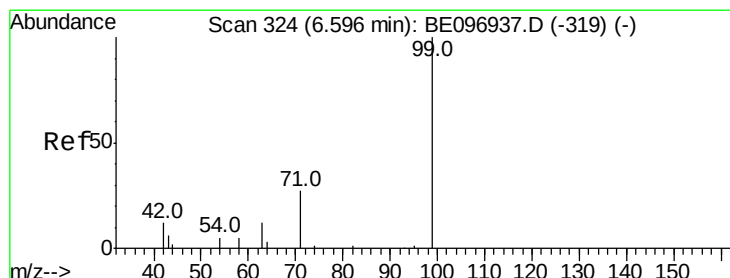
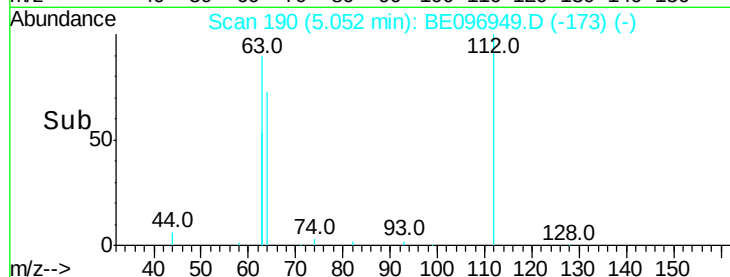
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 4.90 5.00 5.10 5.20



#5

Phenol-d6

Concen: 0.108 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

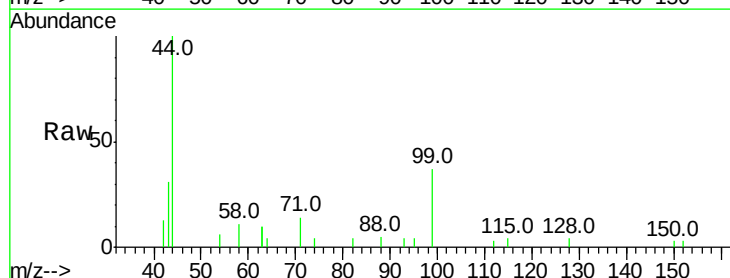
Tgt Ion: 99 Resp: 958

Ion Ratio Lower Upper

99 100

42 26.7 20.2 30.2

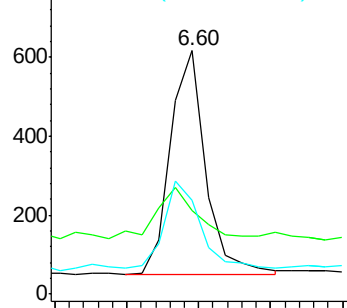
71 39.0 28.4 42.6



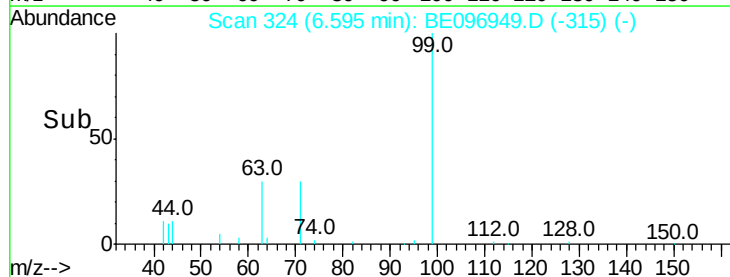
Abundance Ion 99.00 (98.70 to 99.70): BE0

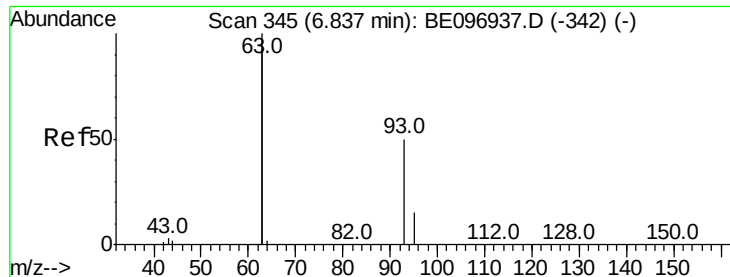
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.50 6.55 6.60 6.65





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

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KY038PS034-180709

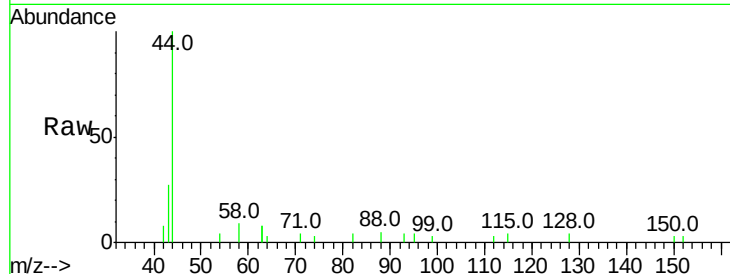
Tot Ion: 93 Resp: 32

Ion Ratio Lower Upper

93 100

63 193.8 275.3 412.9#

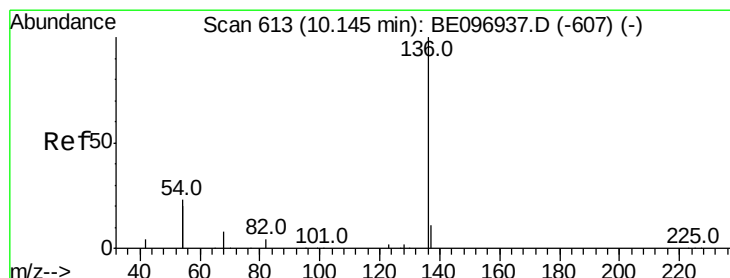
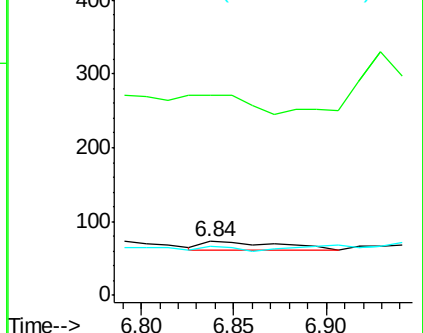
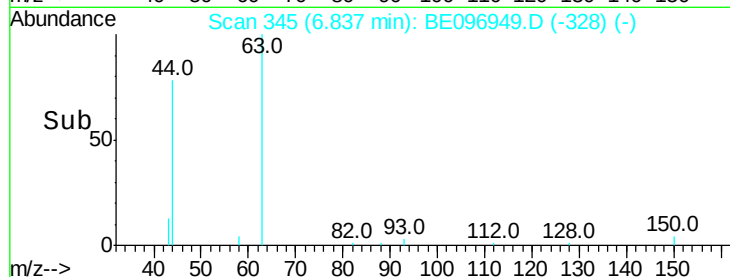
95 0.0 25.2 37.8#



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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Tgt Ion:136 Resp: 12223

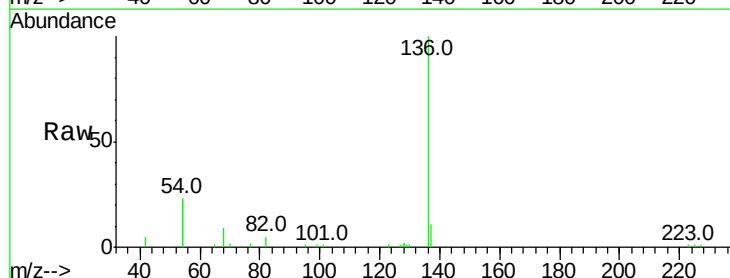
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 45.7 29.1 43.7#

68 8.9 6.2 9.2

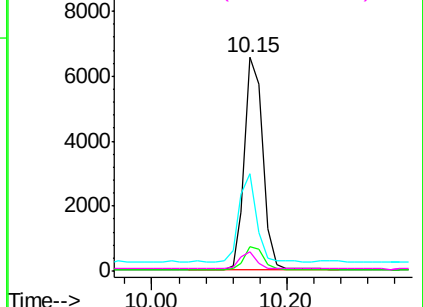
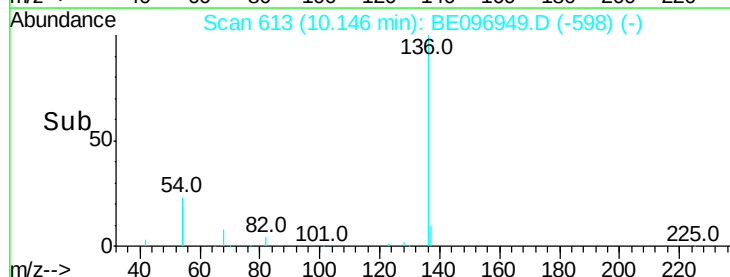


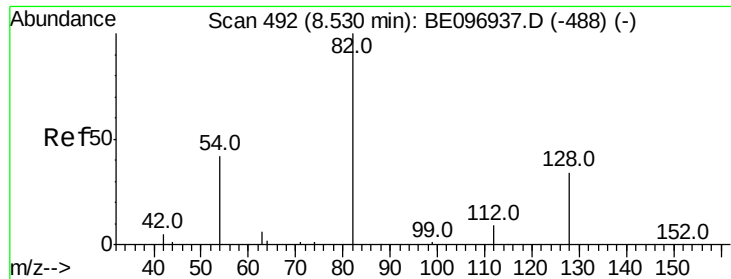
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.439 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

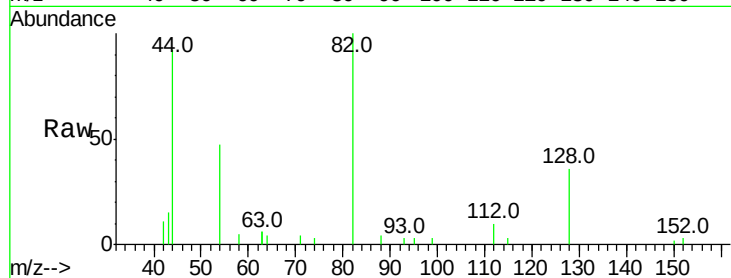
Tot Ion: 82 Resp: 3912

Ion Ratio Lower Upper

82 100

128 36.5 24.0 36.0#

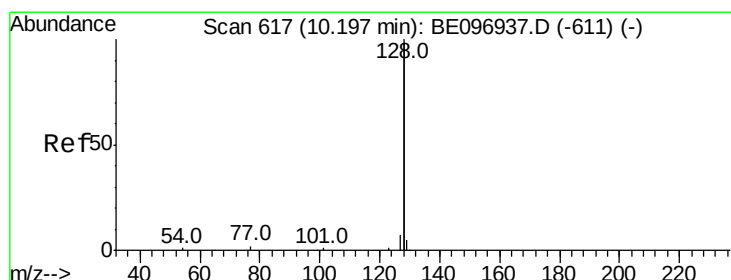
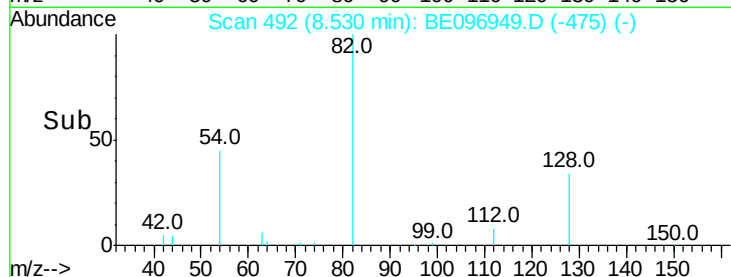
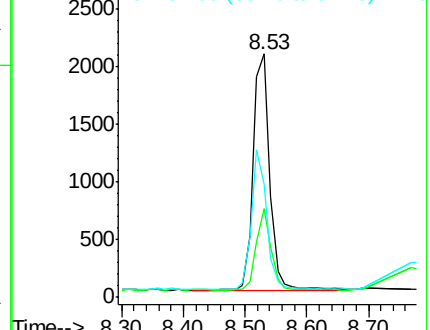
54 46.7 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.011 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

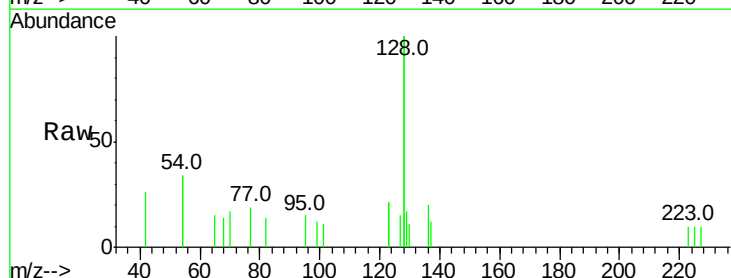
Tgt Ion:128 Resp: 1157

Ion Ratio Lower Upper

128 100

129 8.3 2.6 3.8#

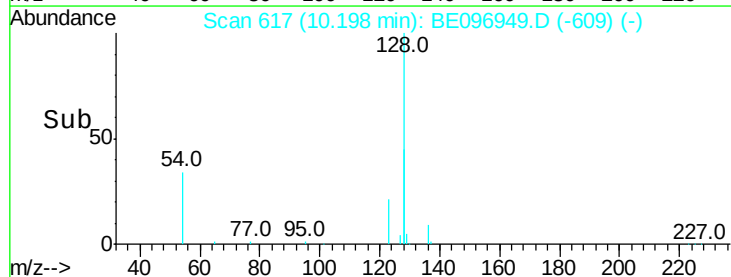
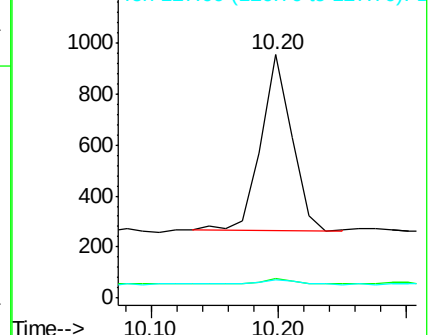
127 7.7 2.8 4.2#

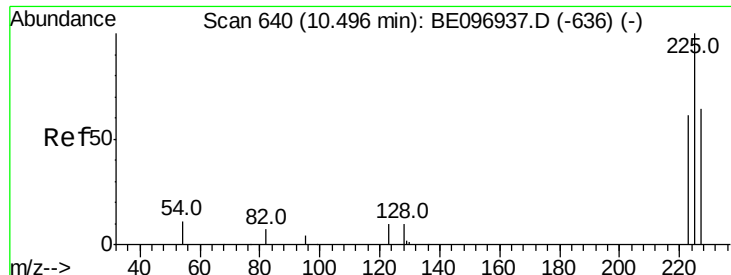


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

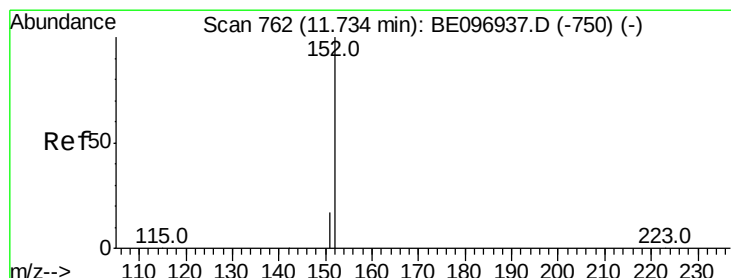
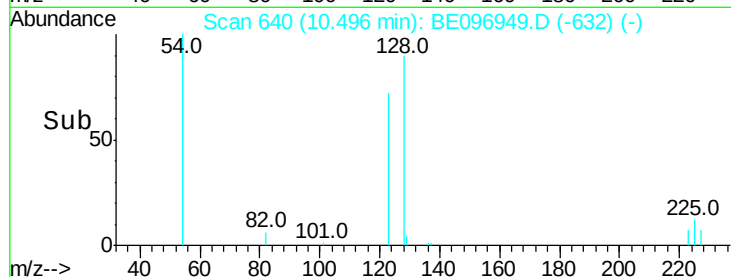
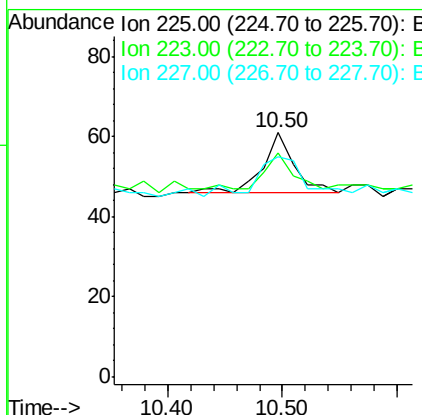
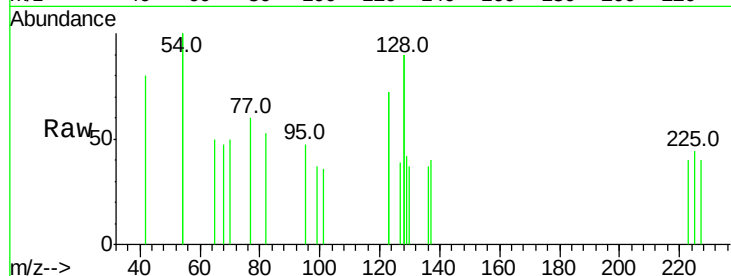




#10
Hexachlorobutadiene
Concen: 0.007 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096949.D
Acq: 16 Jul 2018 22:02

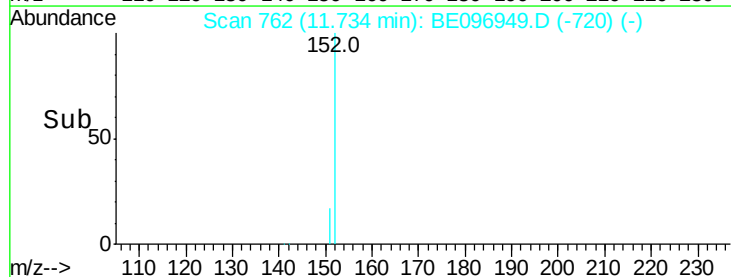
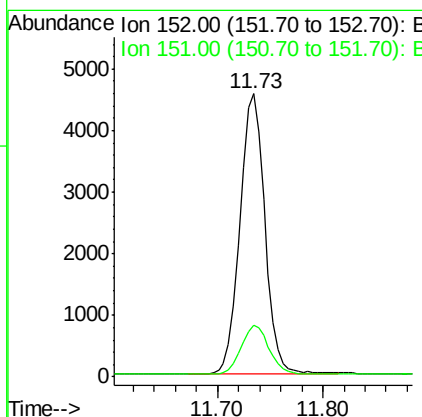
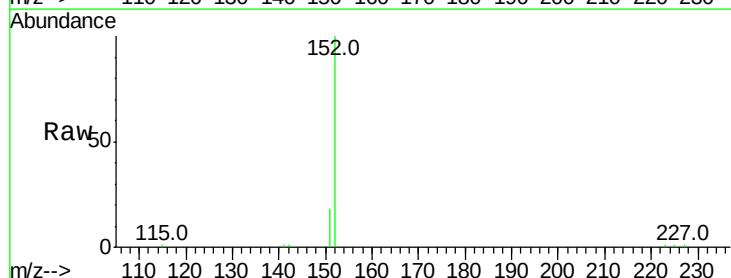
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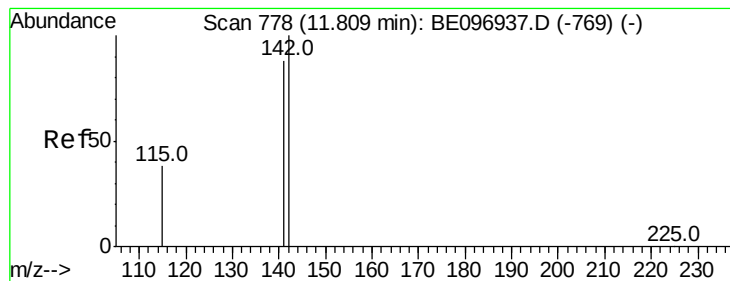
Tot Ion:225 Resp: 29
Ion Ratio Lower Upper
225 100
223 51.7 53.0 79.6#
227 96.6 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096949.D
Acq: 16 Jul 2018 22:02

Tgt Ion:152 Resp: 7440
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0





#12

2-Methylnaphthalene

Concen: 0.011 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

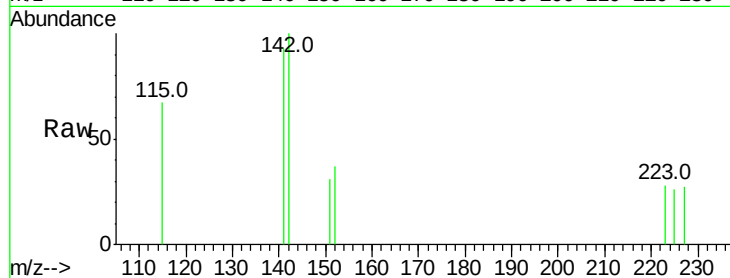
Tot Ion:142 Resp: 209

Ion Ratio Lower Upper

142 100

141 92.8 70.4 105.6

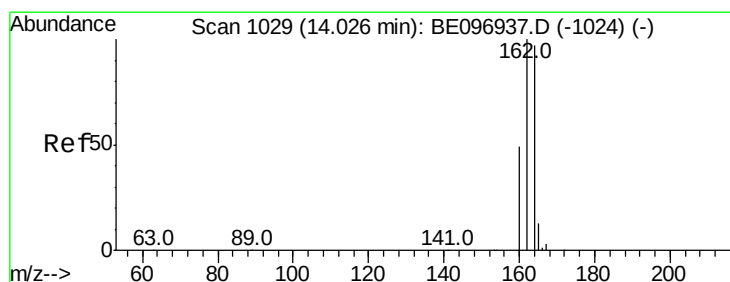
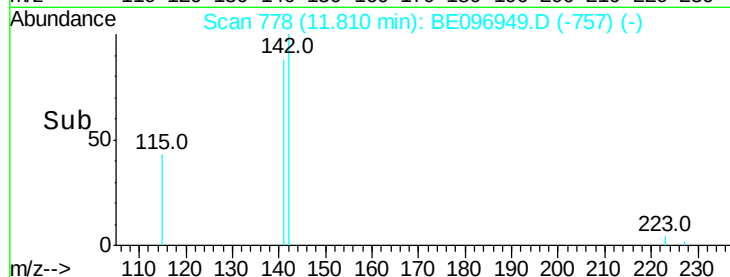
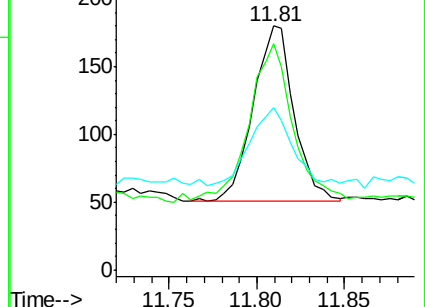
115 66.7 31.7 47.5#



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: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

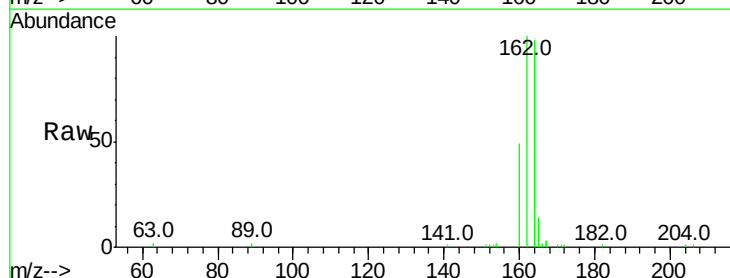
Tgt Ion:164 Resp: 6770

Ion Ratio Lower Upper

164 100

162 102.4 83.1 124.7

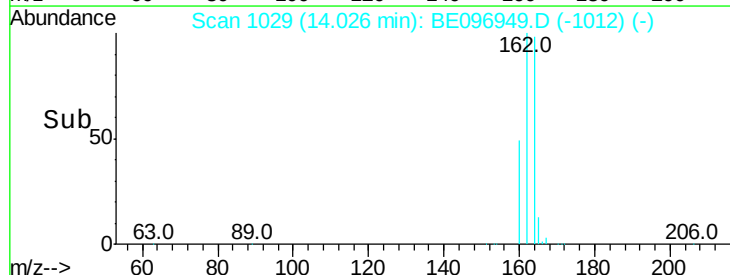
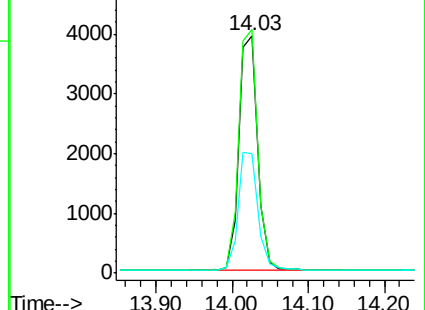
160 50.4 37.1 55.7

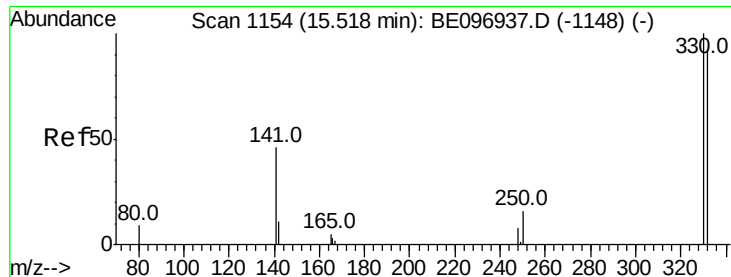


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

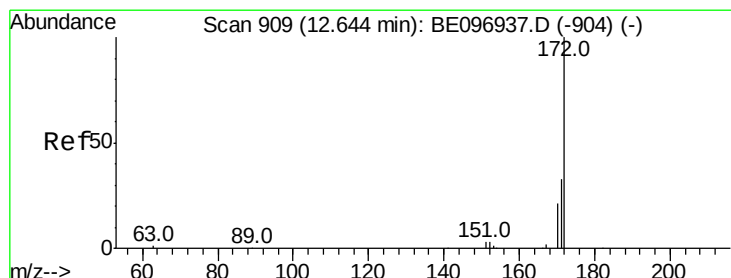
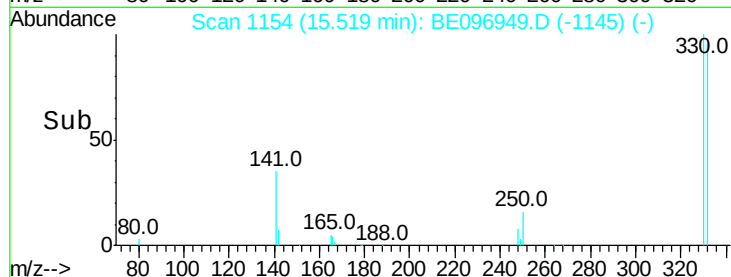
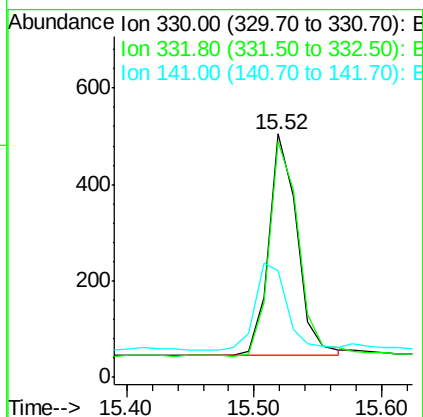
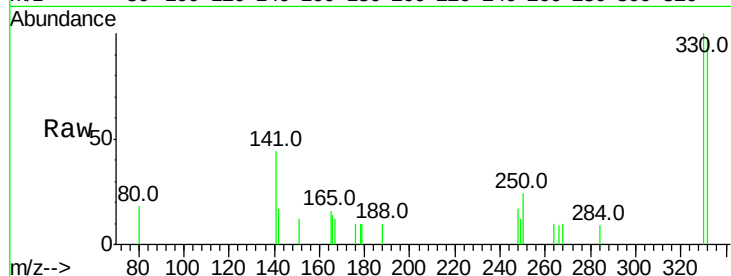




#14
 2,4,6-Tribromophenol
 Concen: 0.472 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE096949.D
 Acq: 16 Jul 2018 22:02

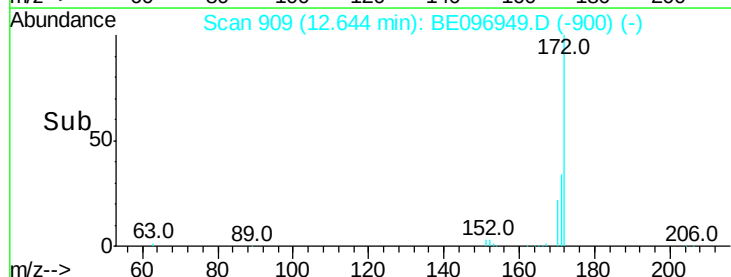
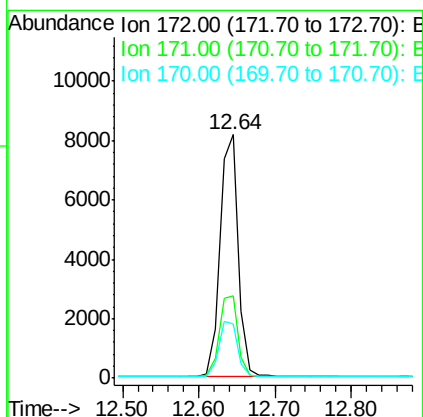
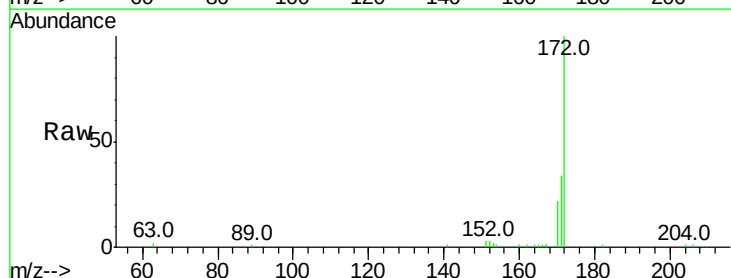
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180709

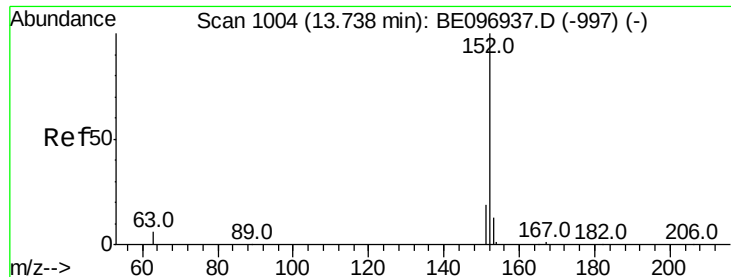
Tot Ion:330 Resp: 718
 Ion Ratio Lower Upper
 330 100
 332 100.8 152.7 229.1#
 141 43.3 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.545 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE096949.D
 Acq: 16 Jul 2018 22:02

Tgt Ion:172 Resp: 13735
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.9 44.9
 170 22.5 21.8 32.8





#16

Acenaphthylene

Concen: 0.006 ng

RT: 13.74 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

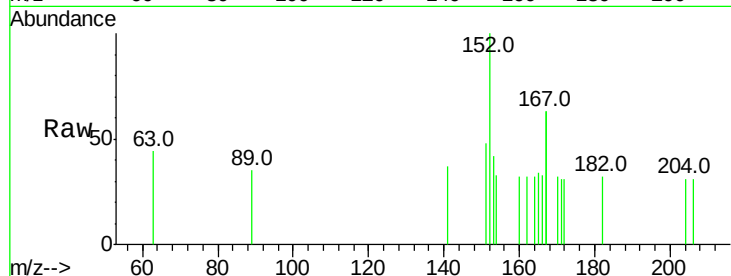
Tot Ion:152 Resp: 184

Ion Ratio Lower Upper

152 100

151 23.9 15.7 23.5#

153 13.0 10.5 15.7



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

13.74

150

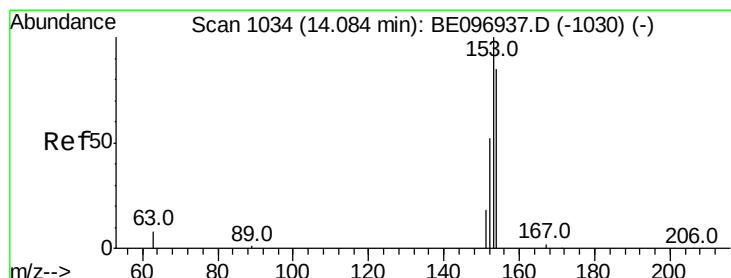
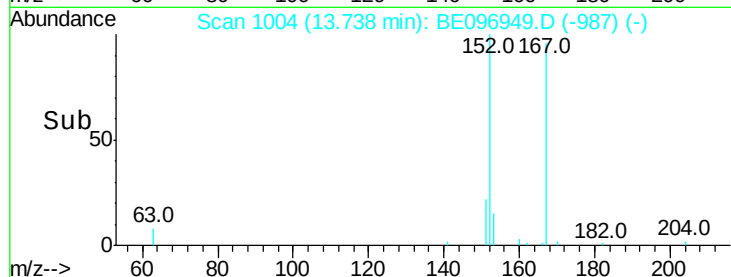
100

50

0

13.70 13.80

Time-->



#17

Acenaphthene

Concen: 0.007 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

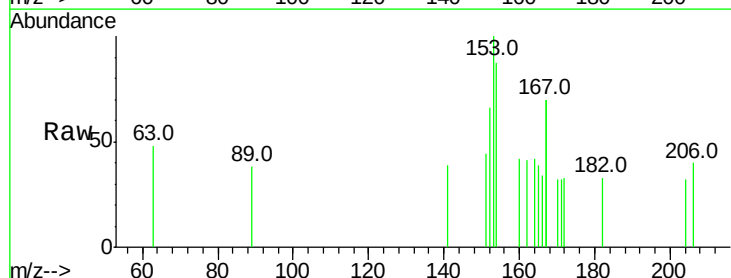
Tgt Ion:154 Resp: 126

Ion Ratio Lower Upper

154 100

153 116.7 89.2 133.8

152 56.3 42.0 63.0



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

14.08

150

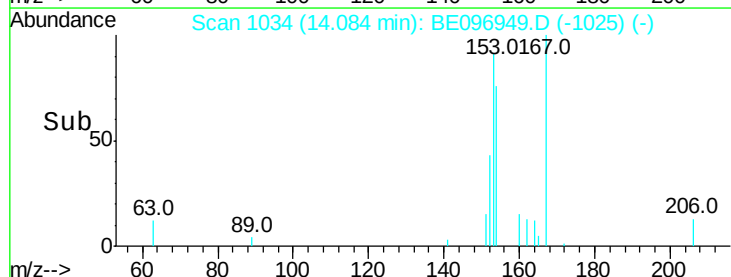
100

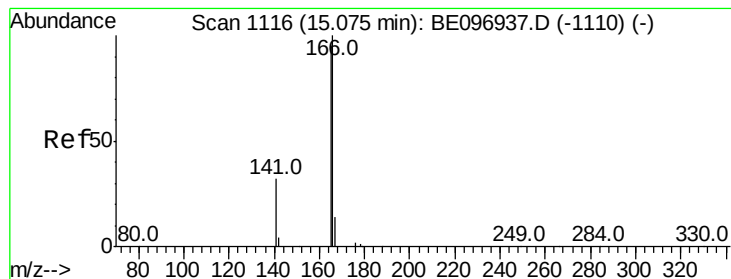
50

0

14.05 14.10 14.15

Time-->





#18

Fluorene

Concen: 0.012 ng

RT: 15.08 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

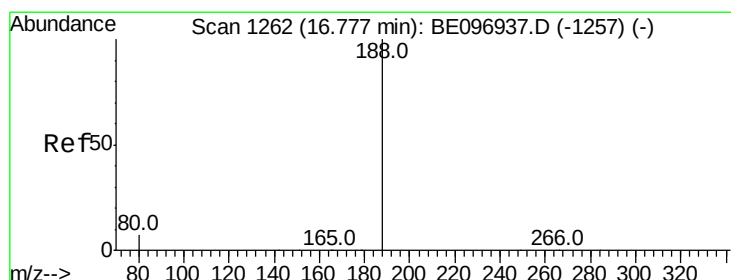
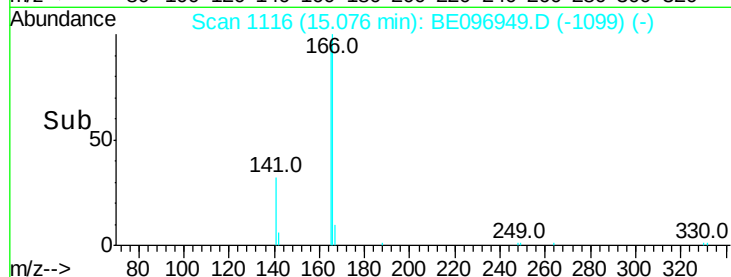
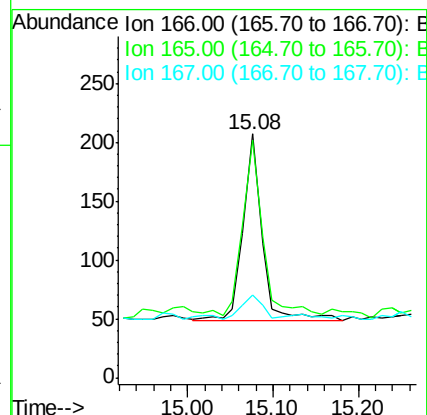
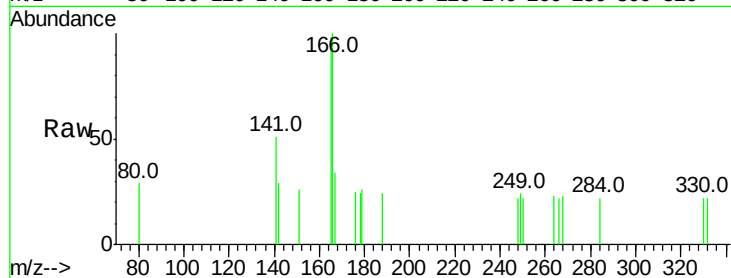
Tot Ion:166 Resp: 252

Ion Ratio Lower Upper

166 100

165 102.0 77.8 116.6

167 15.1 42.4 63.6#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

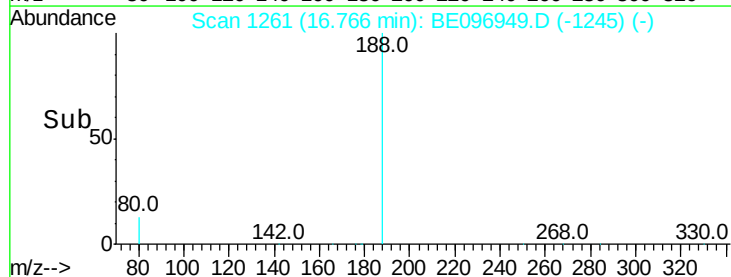
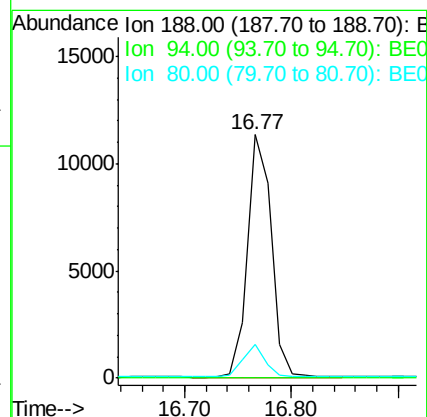
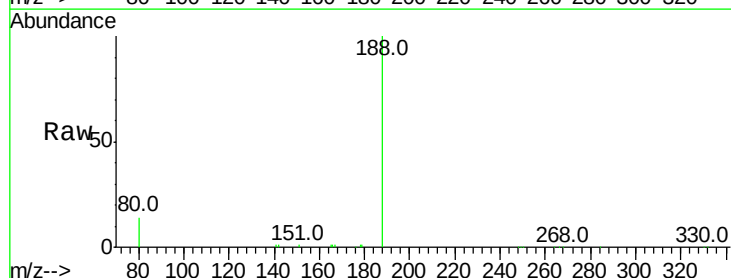
Tgt Ion:188 Resp: 17437

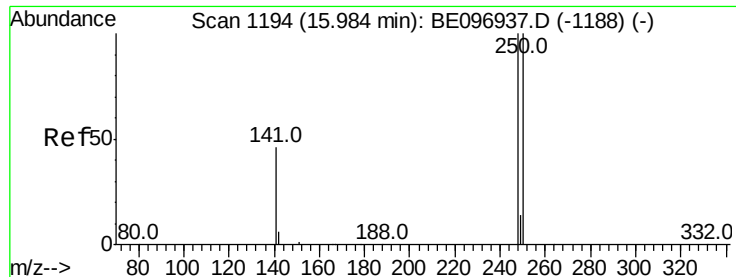
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.9 3.6 5.4#

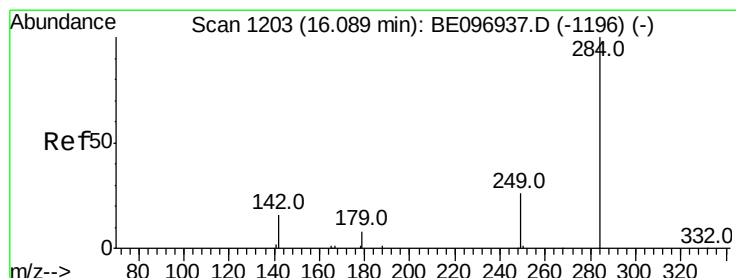
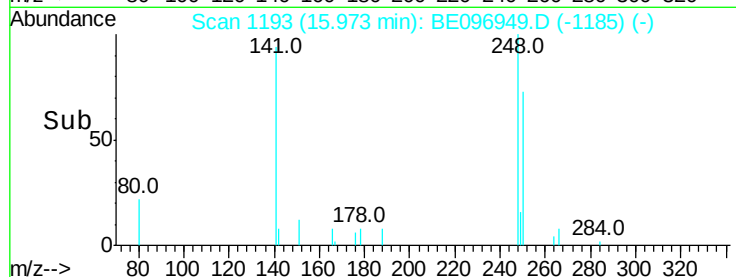
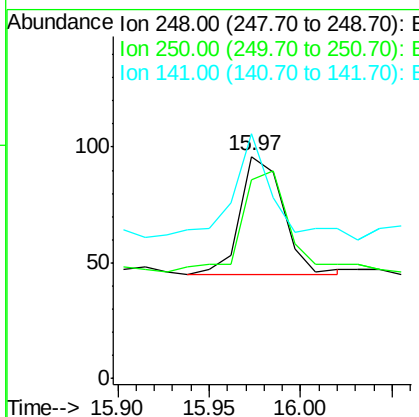
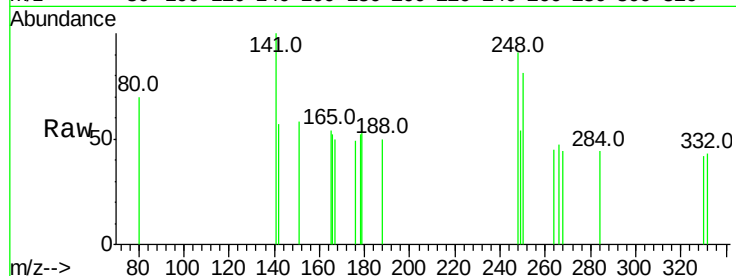




#20
4-Bromophenyl-phenylether
Concen: 0.010 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BE096949.D
Acq: 16 Jul 2018 22:02

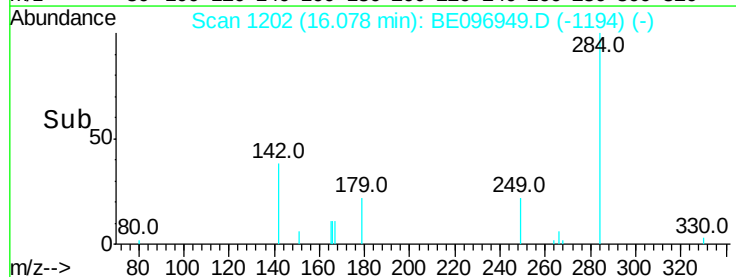
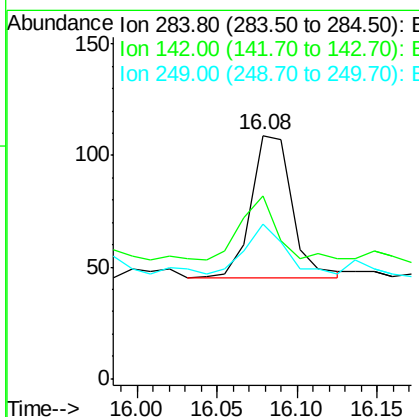
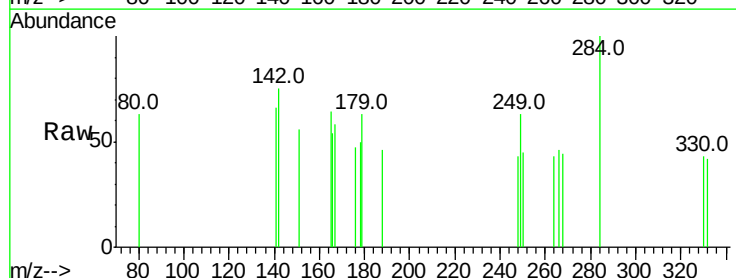
Instrument :
BNA_E
ClientSampleId :
KY038PS034-180709

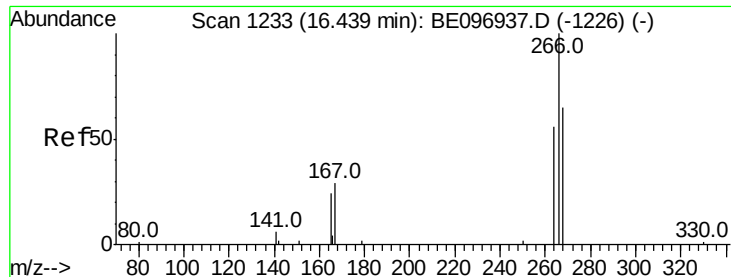
Tot Ion:248 Resp: 83
Ion Ratio Lower Upper
248 100
250 89.6 62.7 94.1
141 110.4 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.013 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BE096949.D
Acq: 16 Jul 2018 22:02

Tgt Ion:284 Resp: 115
Ion Ratio Lower Upper
284 100
142 40.0 22.1 33.1#
249 31.3 34.8 52.2#





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

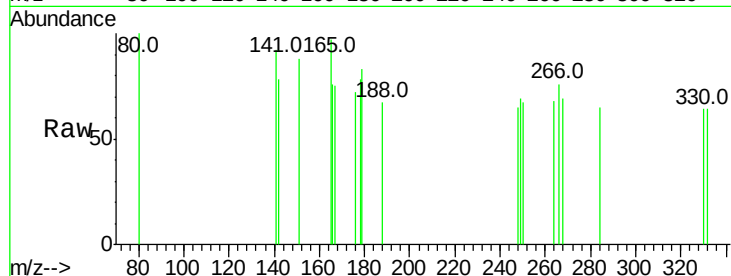
Tot Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 89.1 72.5 108.7

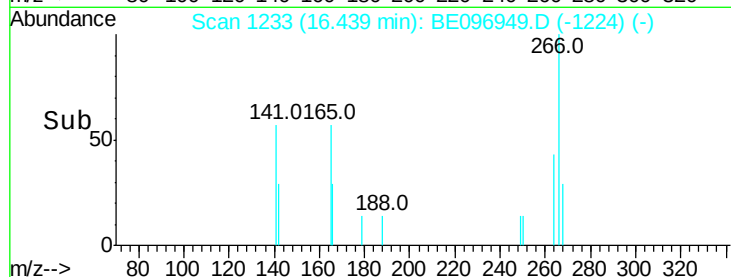
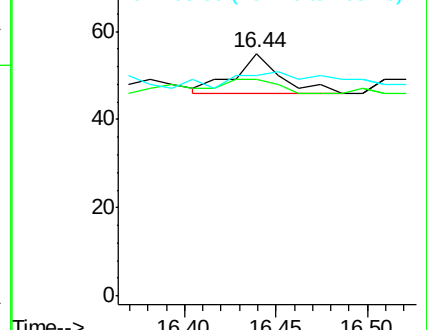
268 90.9 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.016 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

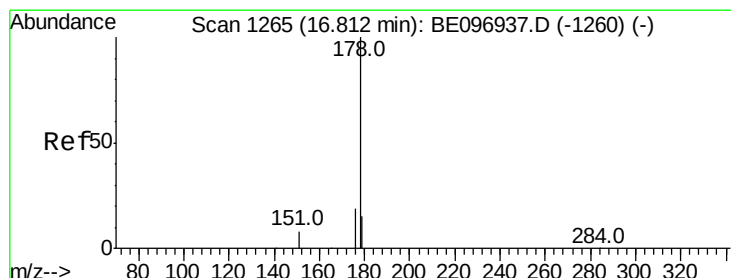
Tgt Ion:178 Resp: 662

Ion Ratio Lower Upper

178 100

176 17.1 15.1 22.7

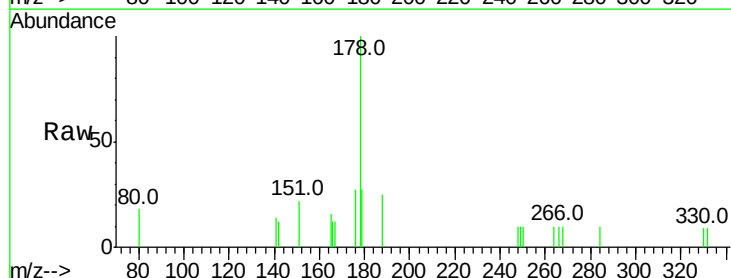
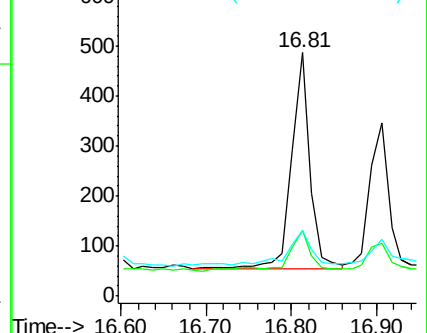
179 20.5 11.8 17.6#

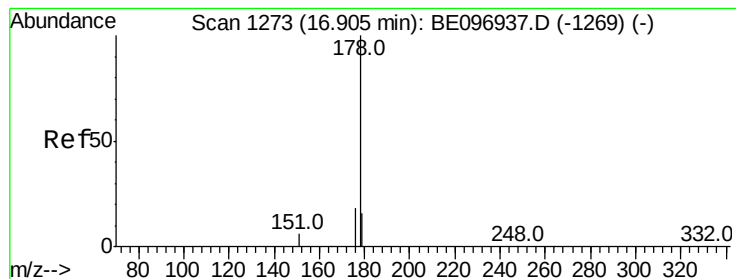


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.012 ng

RT: 16.91 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

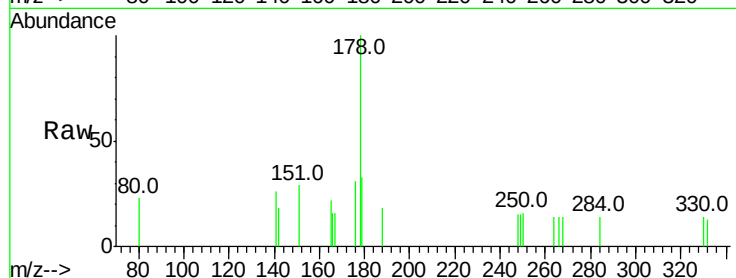
Tot Ion:178 Resp: 424

Ion Ratio Lower Upper

178 100

176 21.9 12.8 19.2#

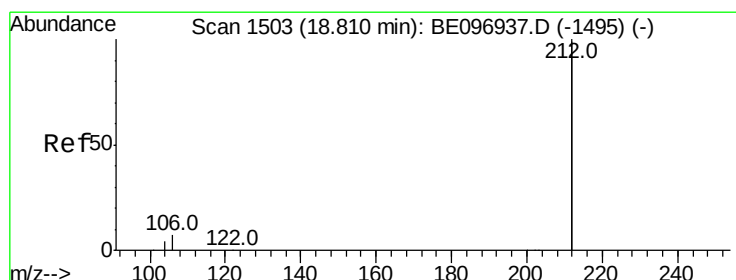
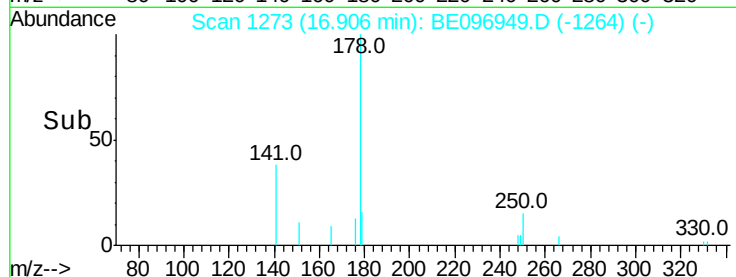
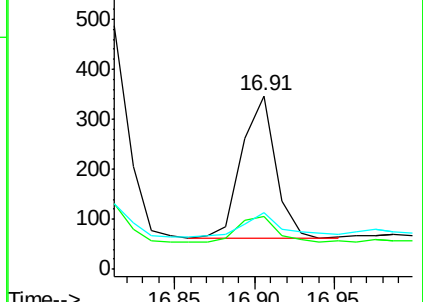
179 20.5 13.0 19.6#



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: 0.479 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

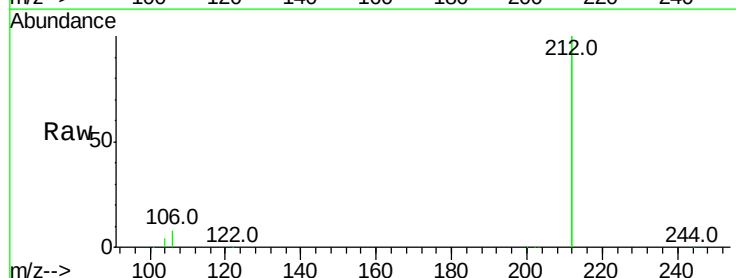
Tgt Ion:212 Resp: 72624

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

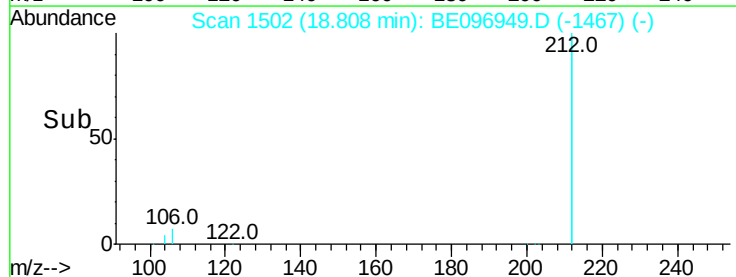
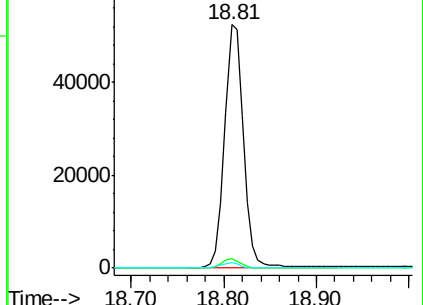
104 2.0 1.6 2.4

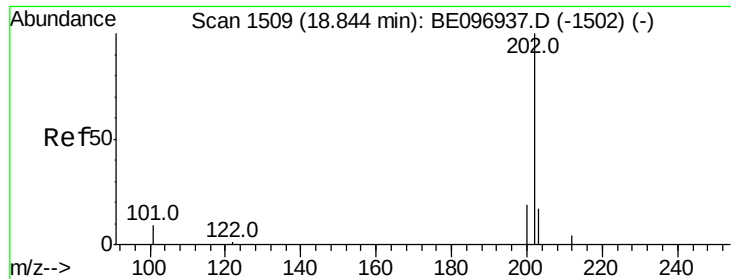


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.016 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

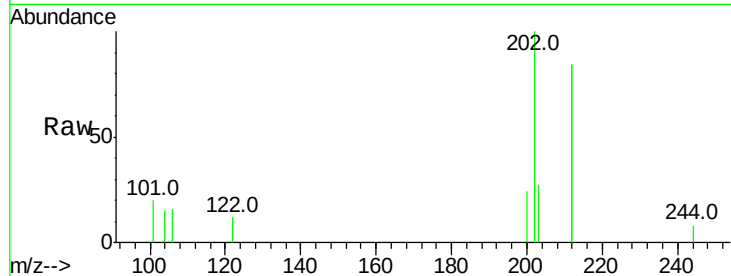
Tot Ion:202 Resp: 690

Ion Ratio Lower Upper

202 100

101 9.6 9.8 14.8#

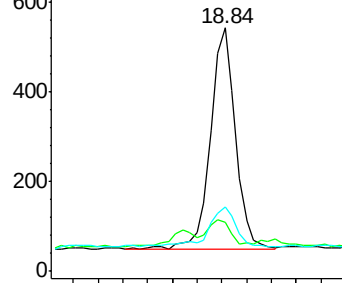
203 21.3 13.7 20.5#



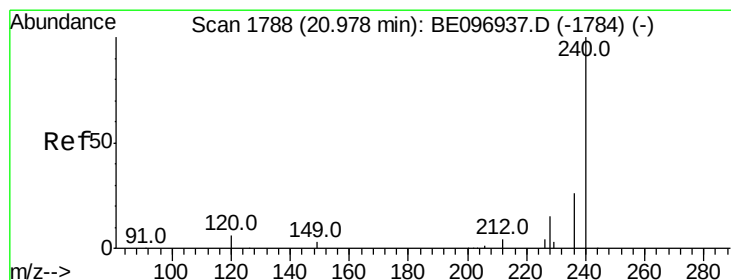
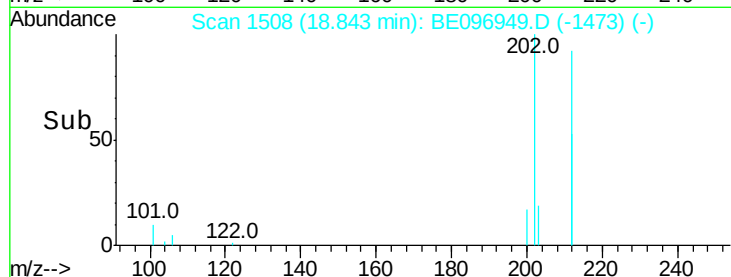
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

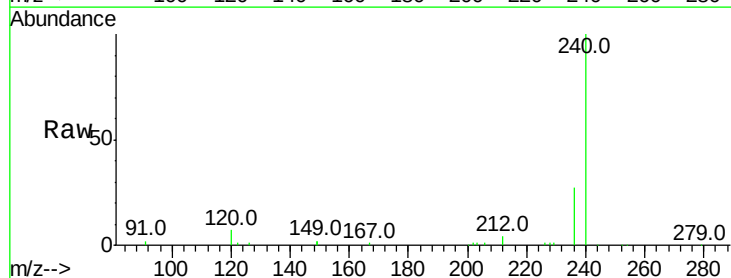
Tgt Ion:240 Resp: 15123

Ion Ratio Lower Upper

240 100

120 6.6 5.5 8.3

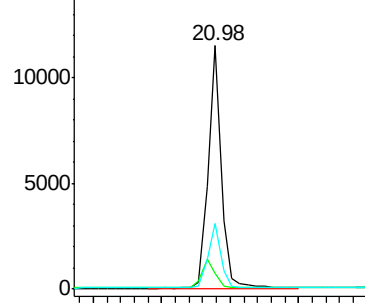
236 26.9 20.7 31.1



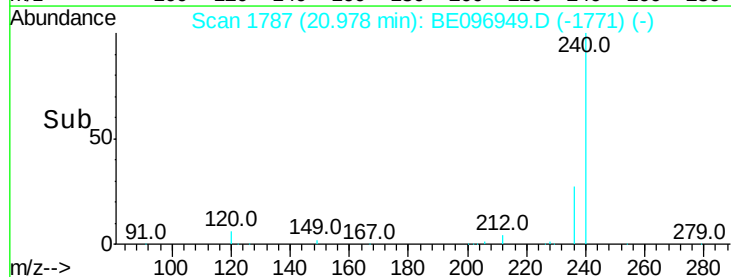
Abundance Ion 240.00 (239.70 to 240.70): E

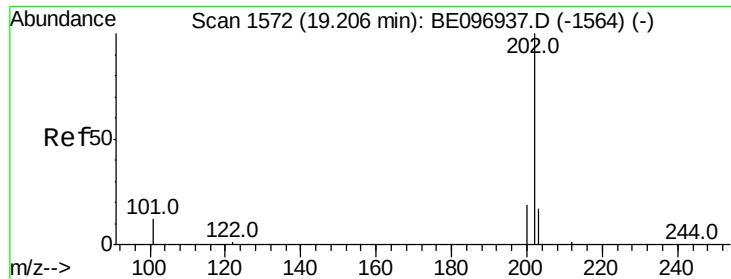
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

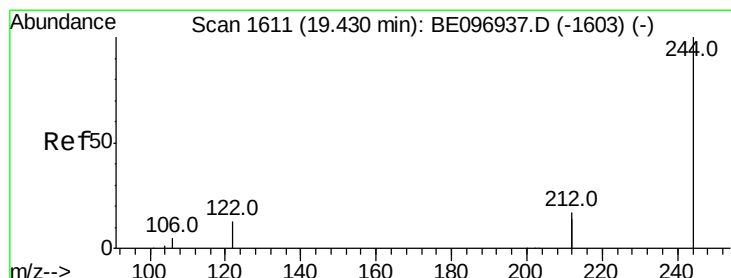
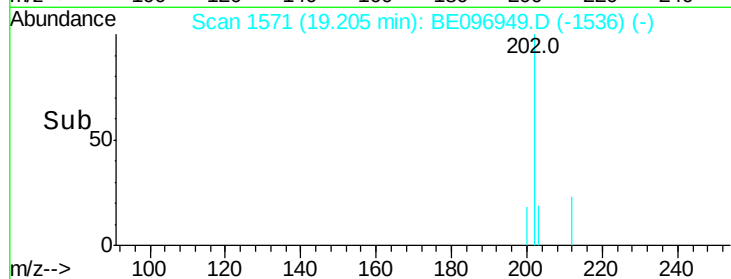
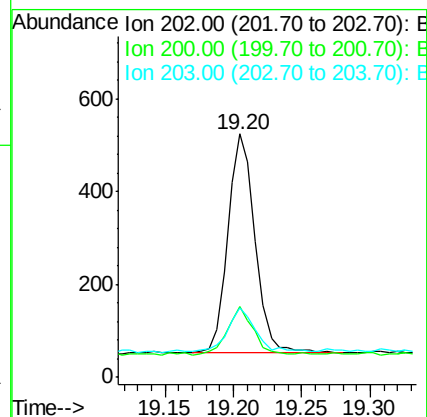
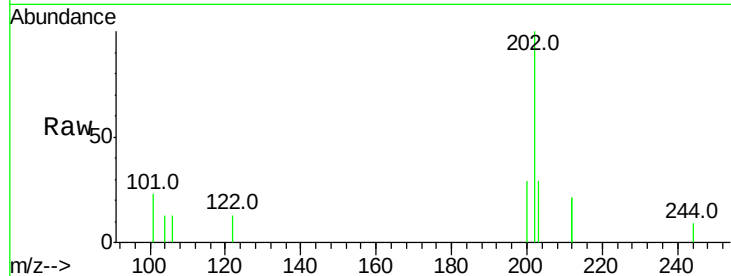




#28
Pvrene
Concen: 0.015 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE096949.D
Acq: 16 Jul 2018 22:02

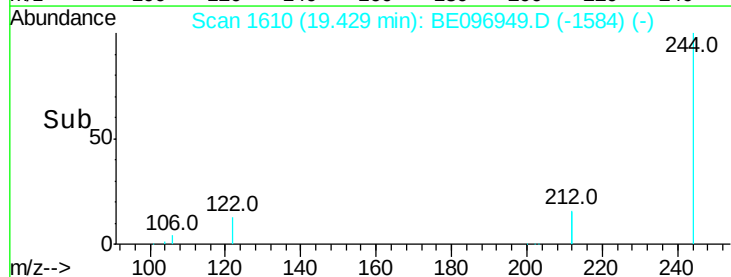
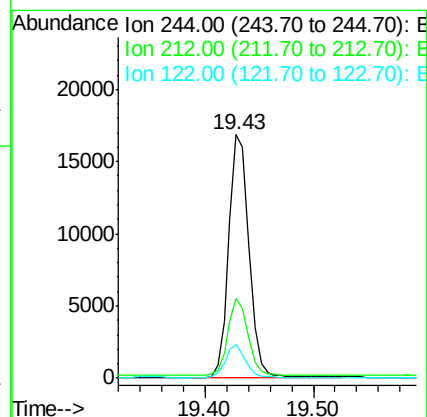
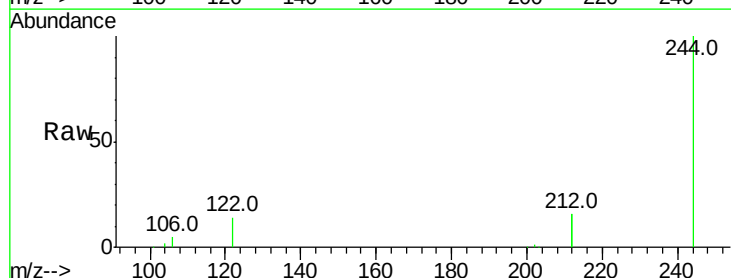
Instrument :
BNA_E
ClientSampleId :
KY038PS034-180709

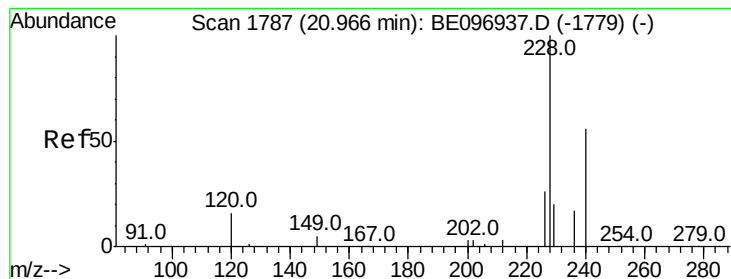
Tot Ion:202 Resp: 654
Ion Ratio Lower Upper
202 100
200 21.6 16.6 25.0
203 20.2 13.8 20.8



#29
Terphenyl-d14
Concen: 0.747 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE096949.D
Acq: 16 Jul 2018 22:02

Tgt Ion:244 Resp: 21789
Ion Ratio Lower Upper
244 100
212 32.7 25.4 38.0
122 13.7 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 0.019 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

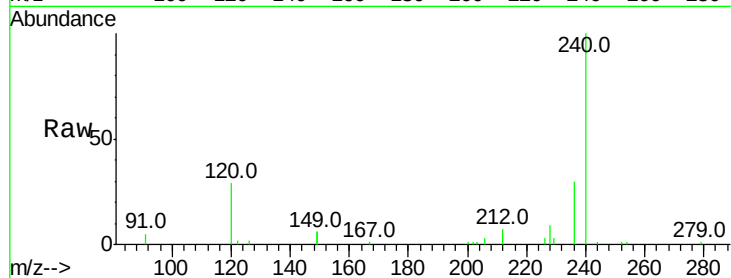
Tot Ion:228 Resp: 692

Ion Ratio Lower Upper

228 100

226 33.6 24.0 36.0

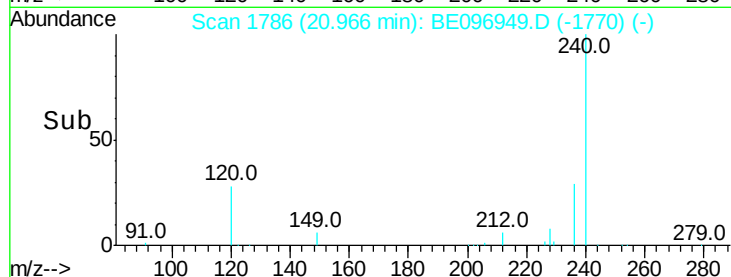
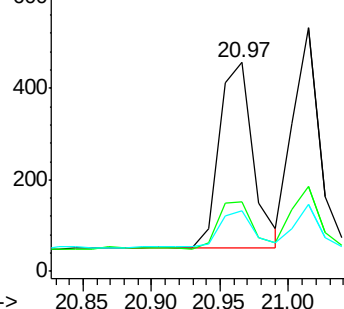
229 28.9 16.0 24.0#



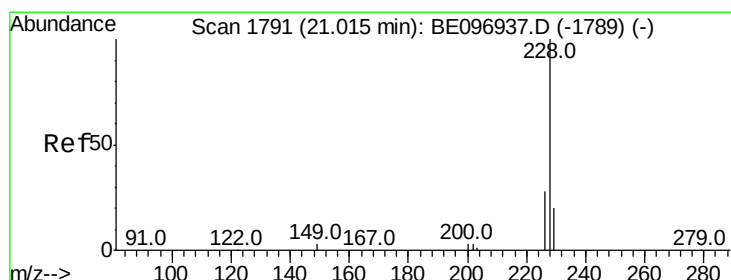
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#31

Chrysene

Concen: 0.016 ng

RT: 21.01 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

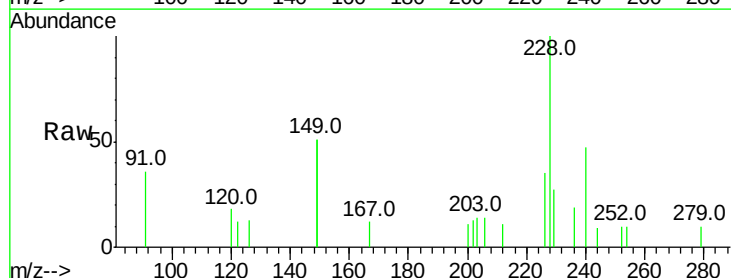
Tgt Ion:228 Resp: 648

Ion Ratio Lower Upper

228 100

226 34.8 24.0 36.0

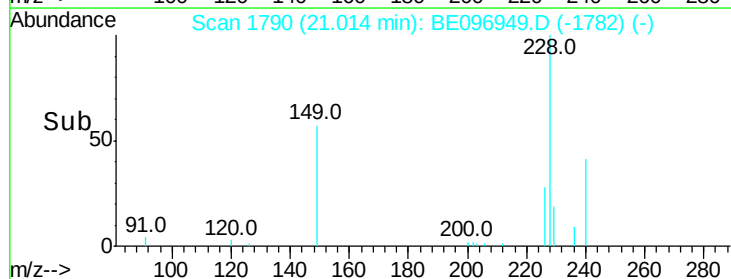
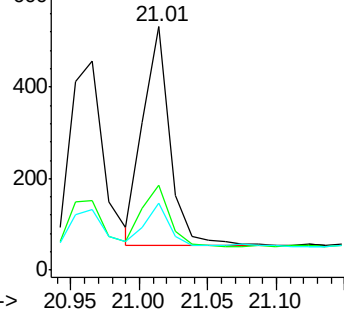
229 27.3 16.0 24.0#



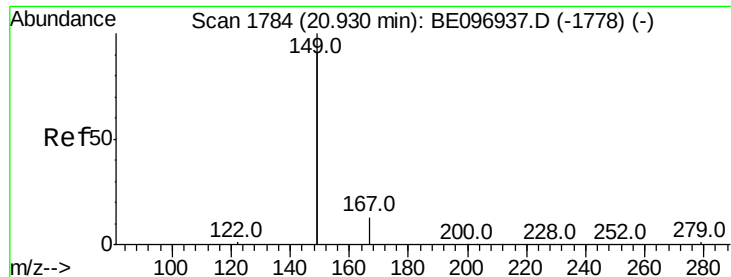
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.177 ng

RT: 20.93 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

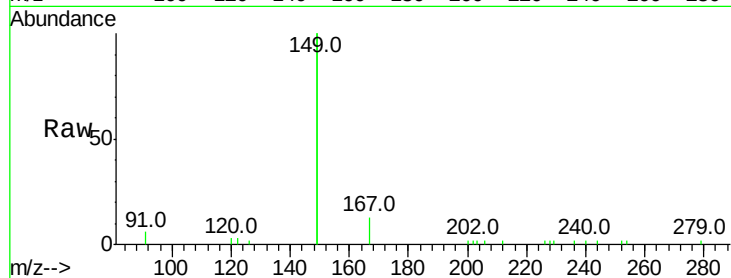
Tot Ion:149 Resp: 6352

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

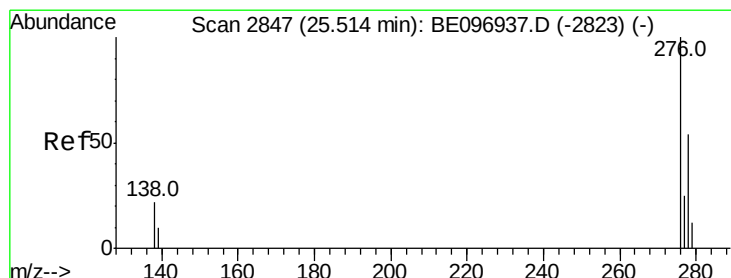
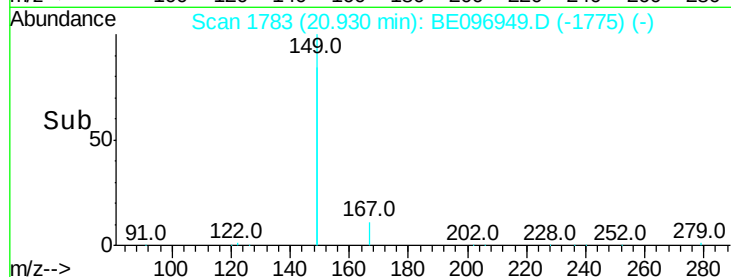
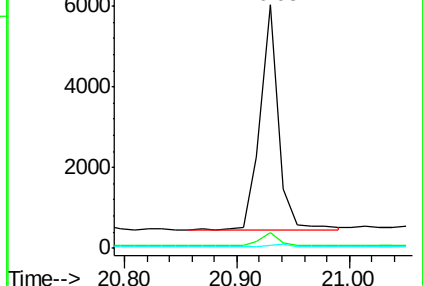
279 1.0 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.016 ng

RT: 25.51 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

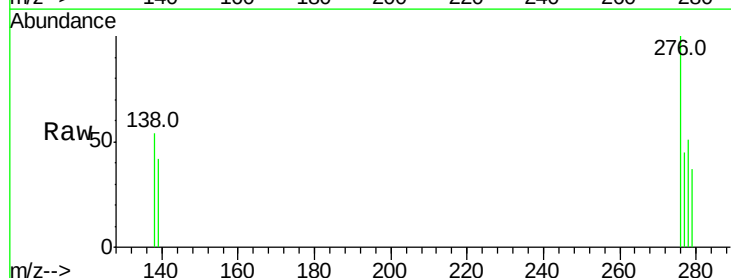
Tgt Ion:276 Resp: 481

Ion Ratio Lower Upper

276 100

138 12.7 22.5 33.7#

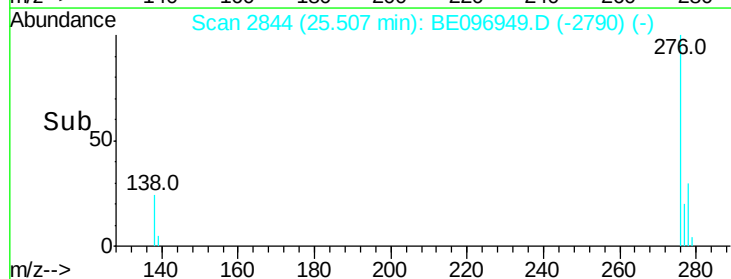
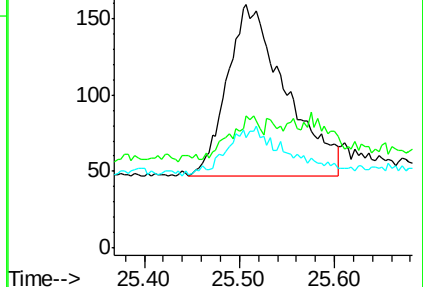
277 7.5 19.9 29.9#

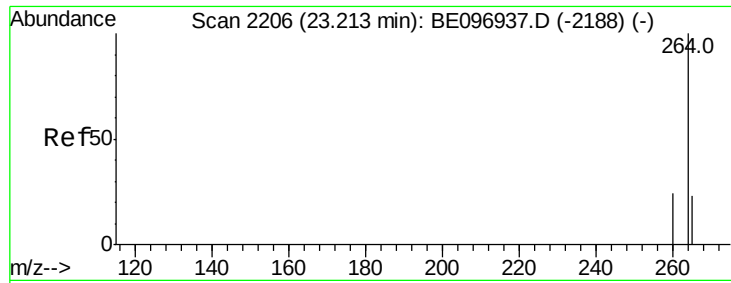


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

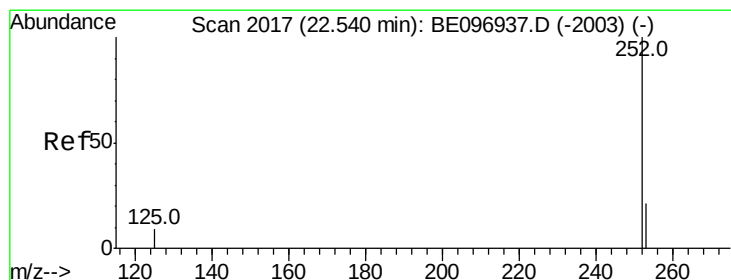
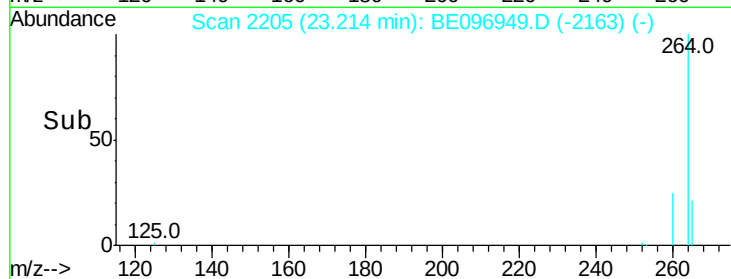
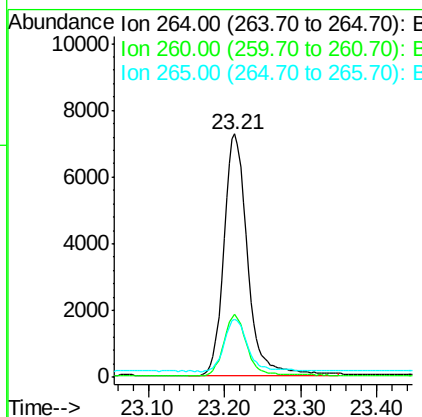
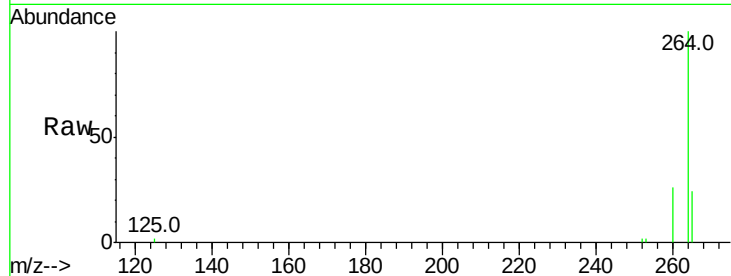




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE096949.D
 Acq: 16 Jul 2018 22:02

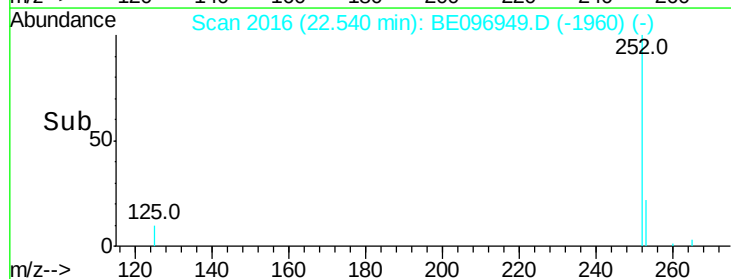
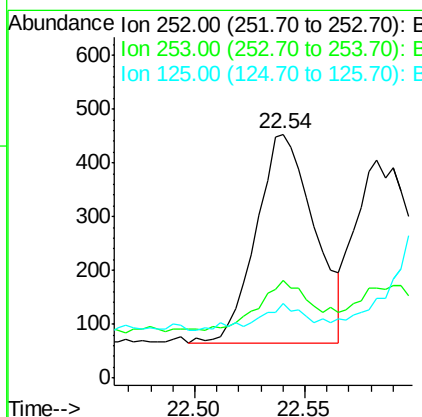
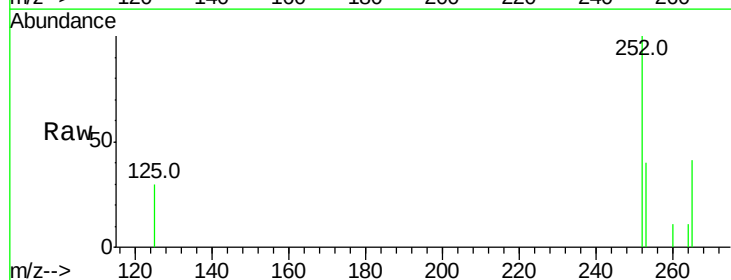
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-180709

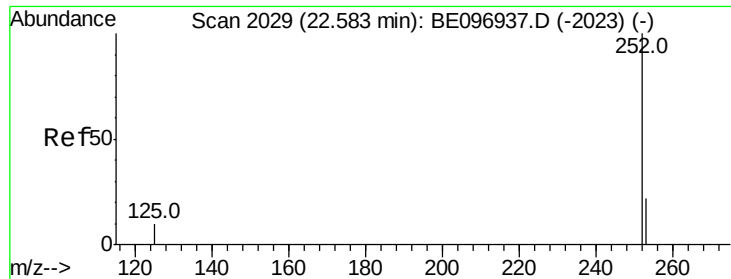
Tot Ion:264 Resp: 15684
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 23.6 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.018 ng
 RT: 22.54 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE096949.D
 Acq: 16 Jul 2018 22:02

Tgt Ion:252 Resp: 717
 Ion Ratio Lower Upper
 252 100
 253 40.0 20.0 30.0#
 125 30.5 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.014 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

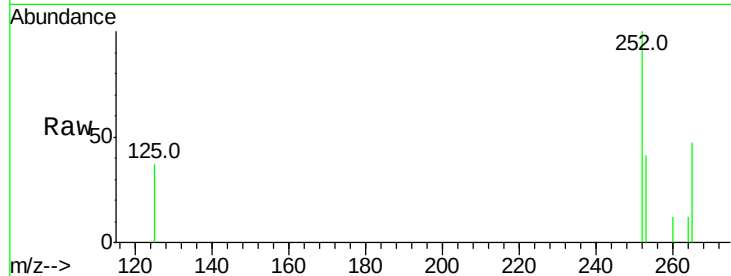
Tot Ion:252 Resp: 662

Ion Ratio Lower Upper

252 100

253 41.5 16.0 24.0#

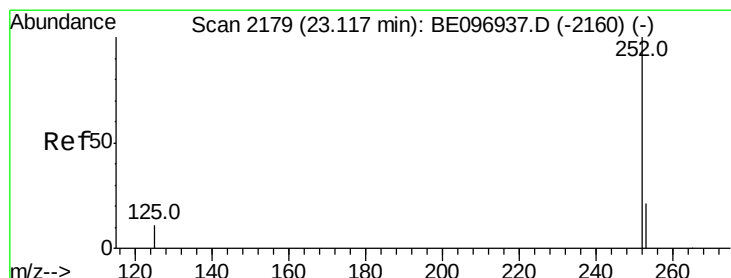
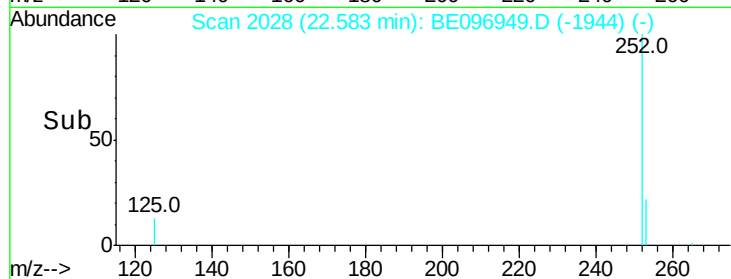
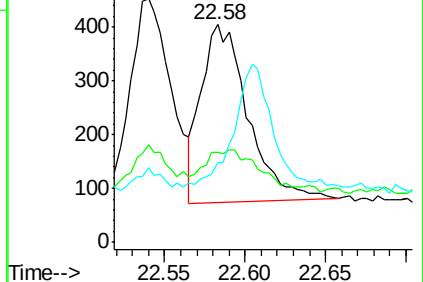
125 36.8 8.0 12.0#



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



#37

Benzo(a)pyrene

Concen: 0.112 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

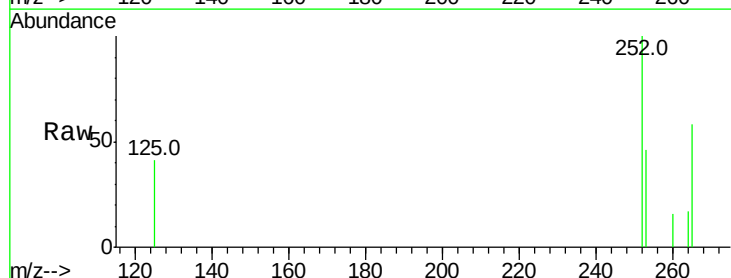
Tgt Ion:252 Resp: 503

Ion Ratio Lower Upper

252 100

253 46.2 16.0 24.0#

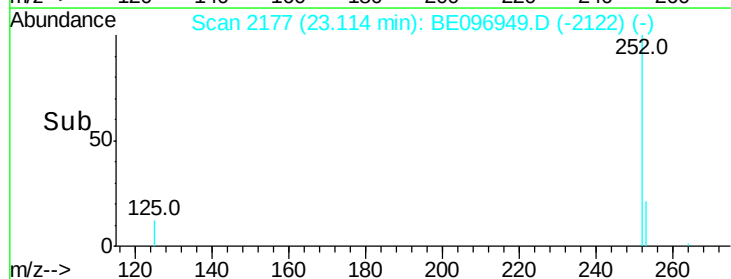
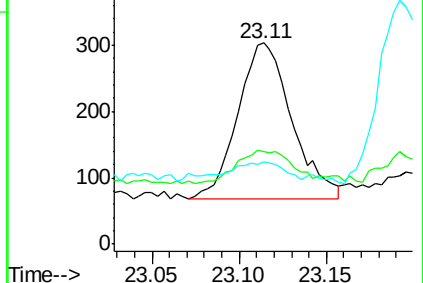
125 41.3 12.0 18.0#

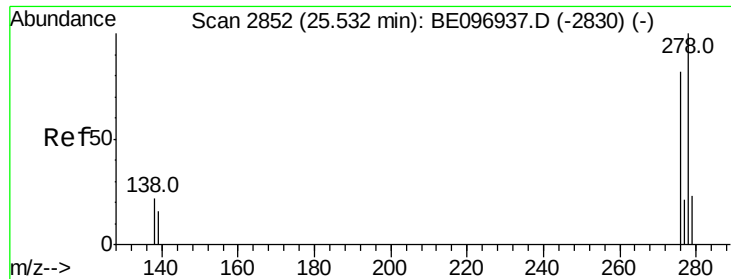


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.126 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Instrument :

BNA_E

ClientSampleId :

KY038PS034-180709

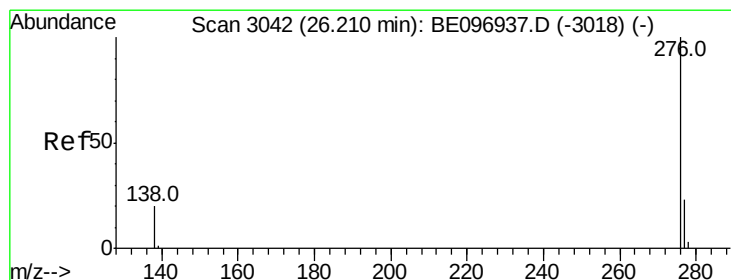
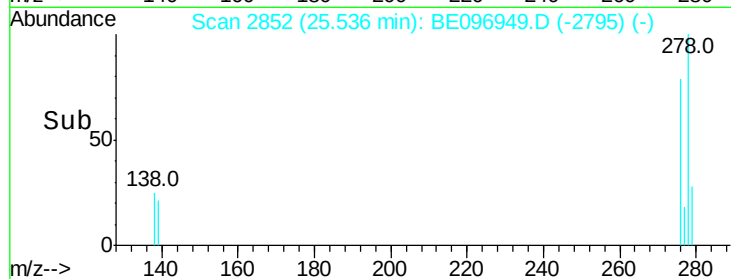
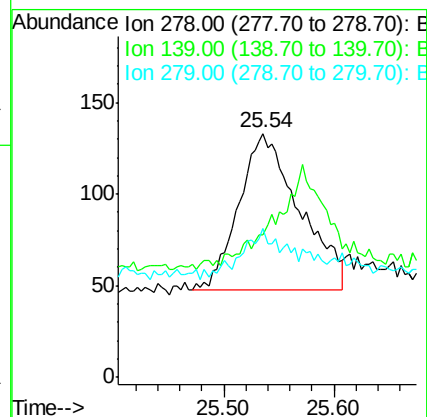
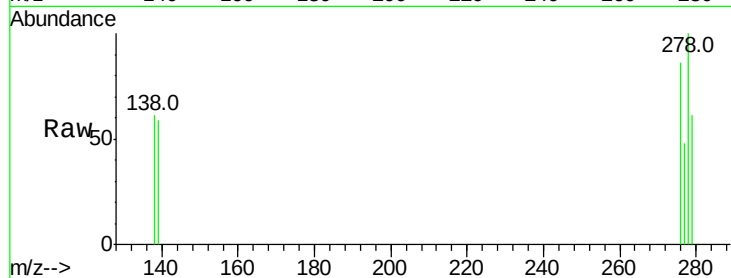
Tot Ion:278 Resp: 324

Ion Ratio Lower Upper

278 100

139 58.6 16.0 24.0#

279 60.9 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.014 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BE096949.D

Acq: 16 Jul 2018 22:02

Tgt Ion:276 Resp: 446

Ion Ratio Lower Upper

276 100

277 46.2 16.0 24.0#

138 49.7 20.0 30.0#

