

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081518\
 Data File : BE097279.D
 Acq On : 15 Aug 2018 15:04
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE081518

Quant Time: Aug 15 17:29:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 14:23:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1063	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	5381	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2925	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6672	0.40	ng	0.00
27) Chrysene-d12	20.98	240	5938	0.40	ng	0.00
34) Perylene-d12	23.22	264	5295	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1291	0.37	ng	-0.01
5) Phenol-d6	6.60	99	1839	0.37	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1850	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2941	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	342	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4231	0.38	ng	0.00
25) Fluoranthene-d10	18.81	212	23585	0.35	ng	0.00
29) Terphenyl-d14	19.43	244	4269	0.38	ng	0.00

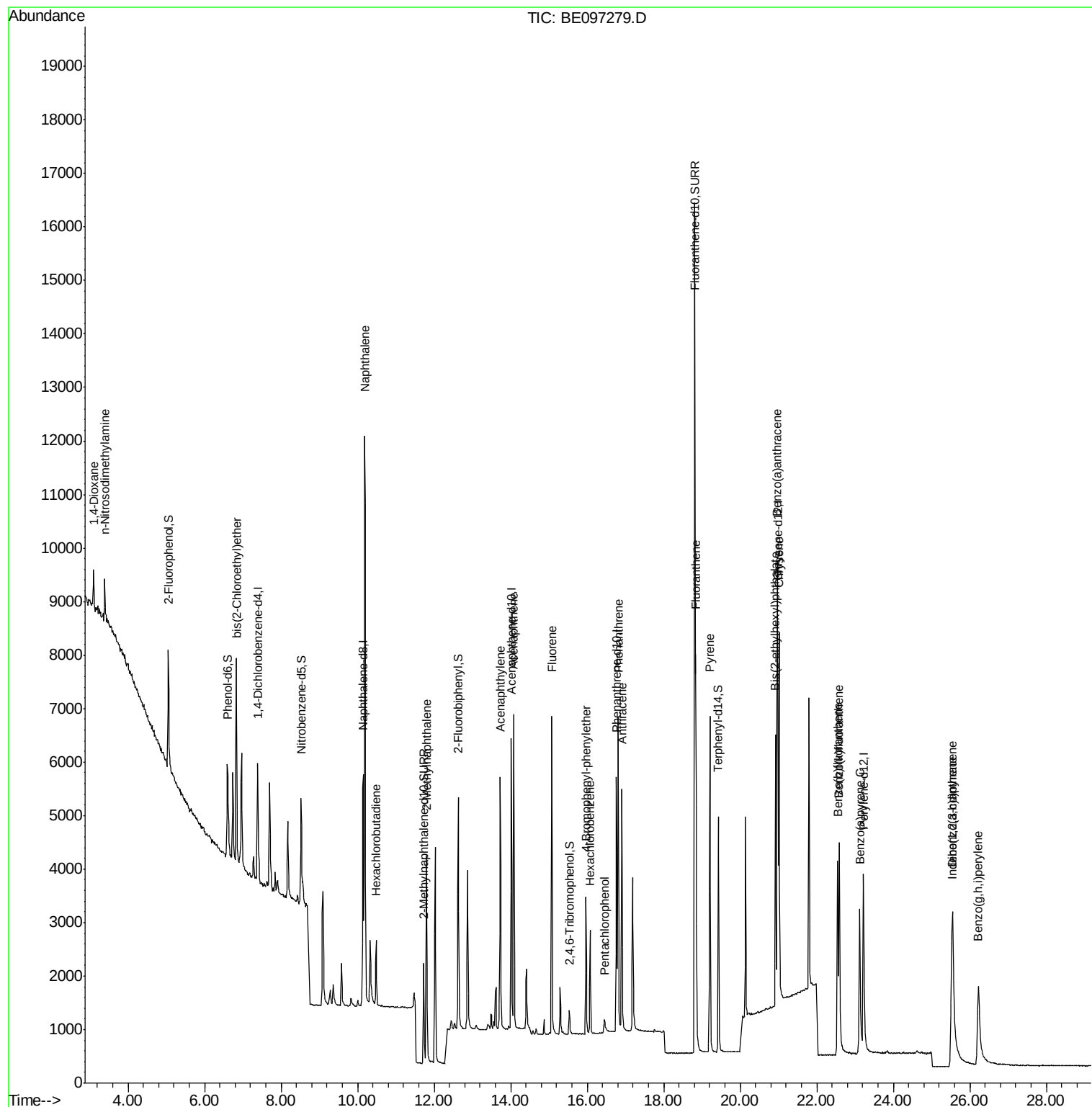
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	455	0.381	ng	95
3) n-Nitrosodimethylamine	3.38	42	522	0.377	ng	# 94
6) bis(2-Chloroethyl)ether	6.84	93	1455	0.366	ng	95
9) Naphthalene	10.18	128	18912	0.376	ng	100
10) Hexachlorobutadiene	10.48	225	864	0.380	ng	97
12) 2-Methylnaphthalene	11.80	142	3058	0.371	ng	99
16) Acenaphthylene	13.73	152	5261	0.390	ng	99
17) Acenaphthene	14.07	154	3049	0.393	ng	# 92
18) Fluorene	15.07	166	3662	0.380	ng	# 78
20) 4-Bromophenyl-phenylether	15.97	248	1331	0.382	ng	88
21) Hexachlorobenzene	16.08	284	1552	0.392	ng	# 83
22) Pentachlorophenol	16.45	266	253	0.360	ng	# 78
23) Phenanthrene	16.81	178	6107	0.379	ng	99
24) Anthracene	16.90	178	5211	0.361	ng	95
26) Fluoranthene	18.84	202	6370	0.358	ng	98
28) Pyrene	19.21	202	6123	0.382	ng	100
30) Benzo(a)anthracene	20.97	228	5553	0.372	ng	96
31) Chrysene	21.02	228	6043	0.395	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	5802	0.300	ng	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	6101	0.370	ng	# 78
35) Benzo(b)fluoranthene	22.54	252	4966	0.377	ng	# 91
36) Benzo(k)fluoranthene	22.59	252	6423	0.401	ng	# 92
37) Benzo(a)pyrene	23.12	252	4965	0.375	ng	94
38) Dibenzo(a,h)anthracene	25.55	278	4721	0.362	ng	95
39) Benzo(g,h,i)perylene	26.23	276	5085	0.386	ng	# 91

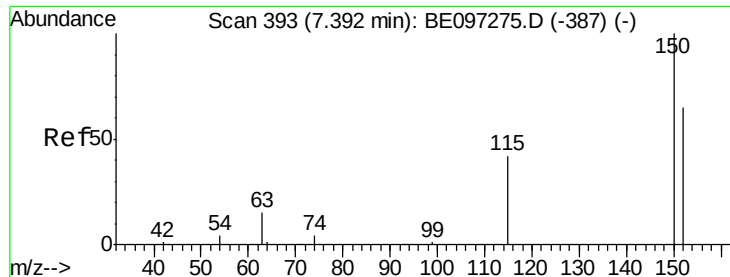
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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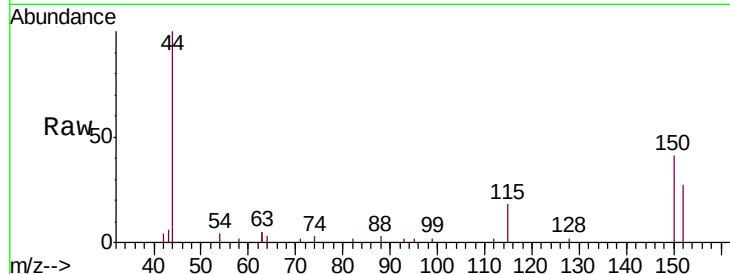




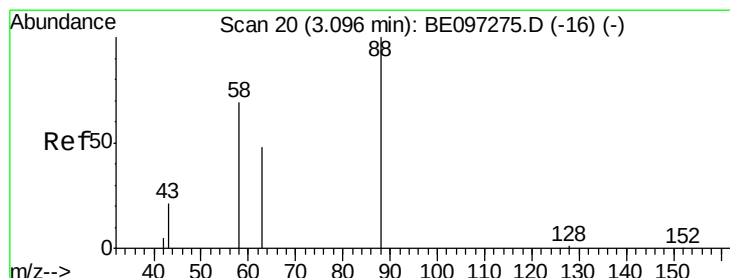
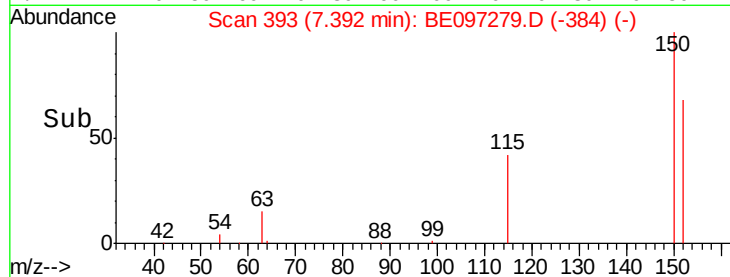
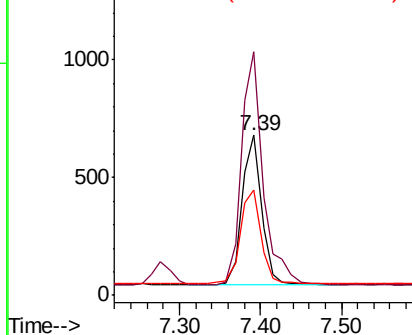
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BE097279.D
 Acq: 15 Aug 2018 15:04

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE081518

Tgt Ion: 152 Resp: 1063
 Ion Ratio Lower Upper
 152 100
 150 152.3 117.2 175.8
 115 65.8 57.0 85.6

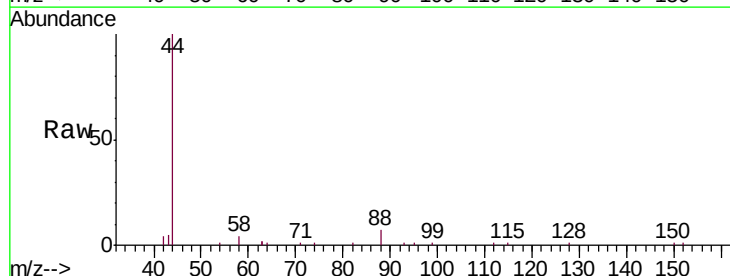


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

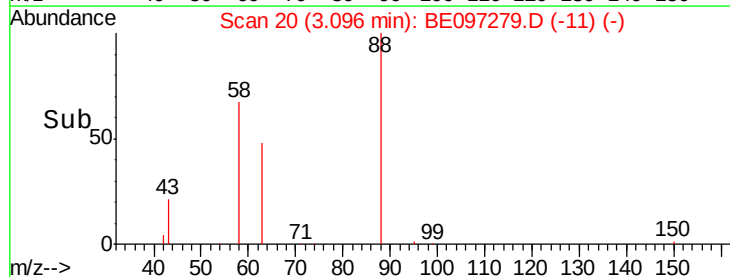
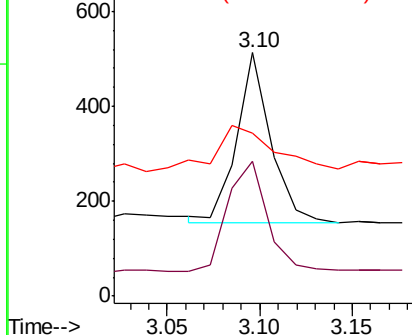


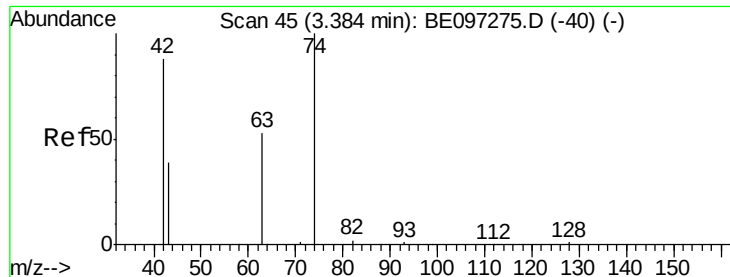
#2
 1,4-Dioxane
 Concen: 0.381 ng
 RT: 3.10 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BE097279.D
 Acq: 15 Aug 2018 15:04

Tgt Ion: 88 Resp: 455
 Ion Ratio Lower Upper
 88 100
 58 76.0 63.2 94.8
 43 46.2 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





#3

n-Nitrosodimethylamine

Concen: 0.377 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

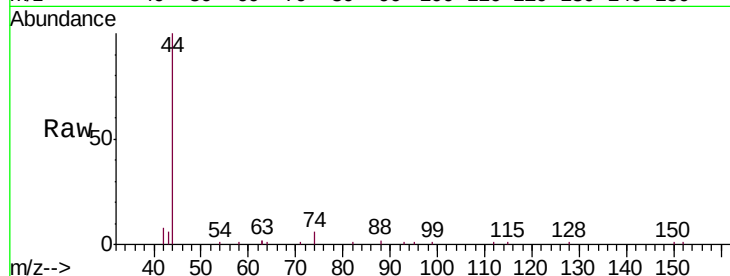
Tgt Ion: 42 Resp: 522

Ion Ratio Lower Upper

42 100

74 117.6 96.0 144.0

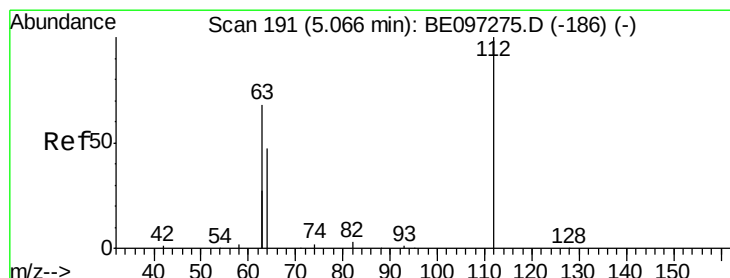
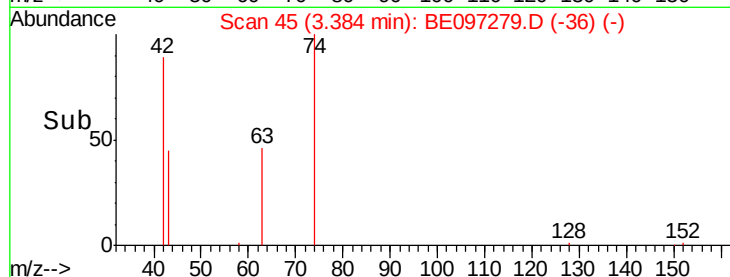
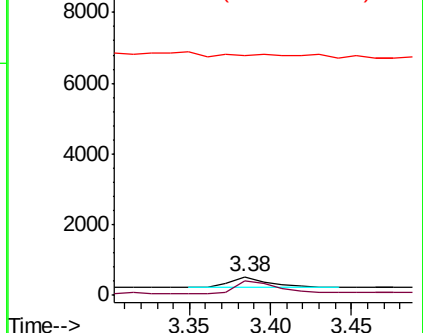
44 0.0 12.0 18.0#



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: 0.369 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.01 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

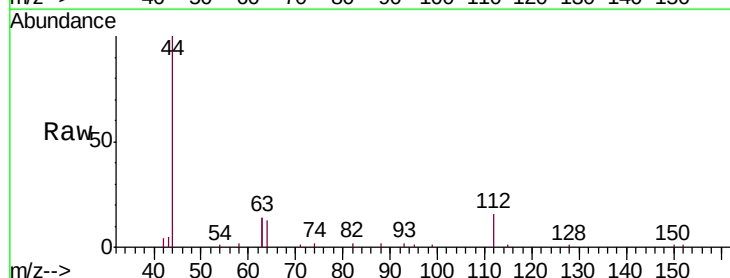
Tgt Ion: 112 Resp: 1291

Ion Ratio Lower Upper

112 100

64 66.6 60.1 90.1

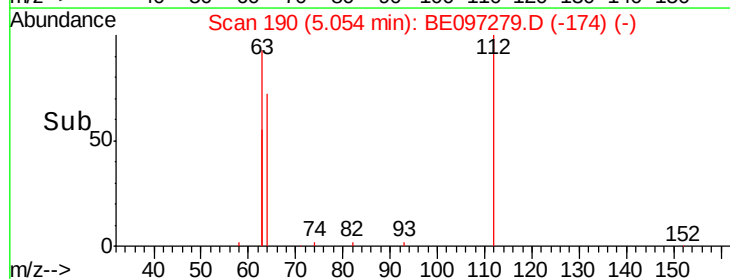
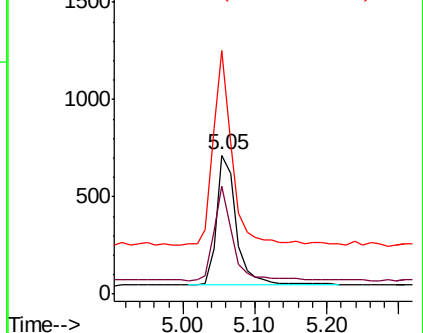
63 139.9 116.8 175.2

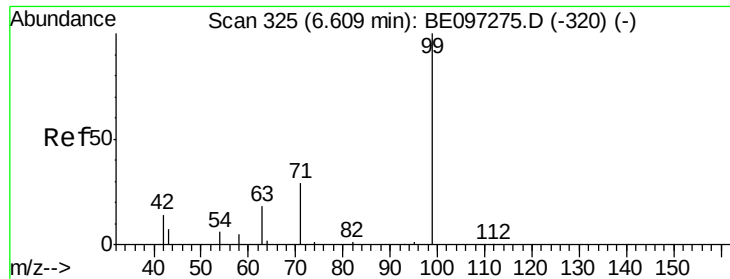


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.368 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

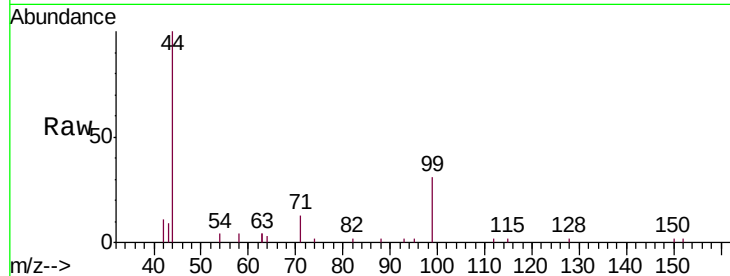
Tgt Ion: 99 Resp: 1839

Ion Ratio Lower Upper

99 100

42 21.9 20.2 30.2

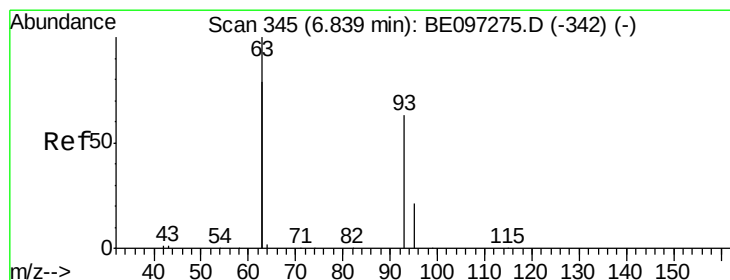
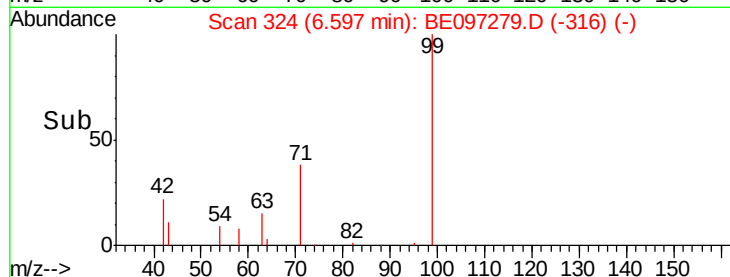
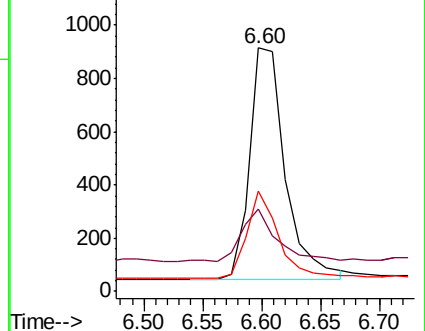
71 33.9 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

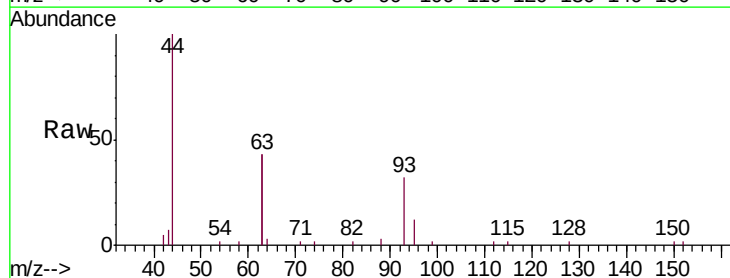
Tgt Ion: 93 Resp: 1455

Ion Ratio Lower Upper

93 100

63 334.0 275.3 412.9

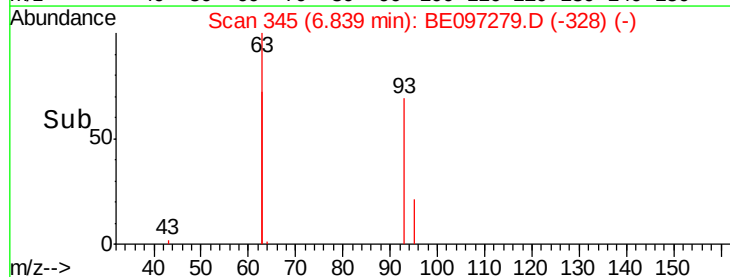
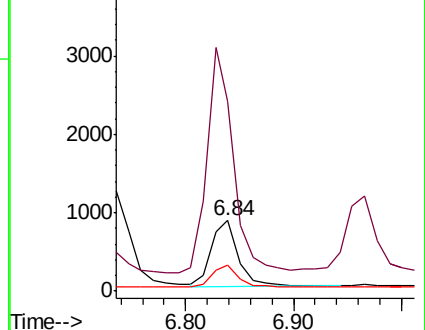
95 33.1 25.2 37.8

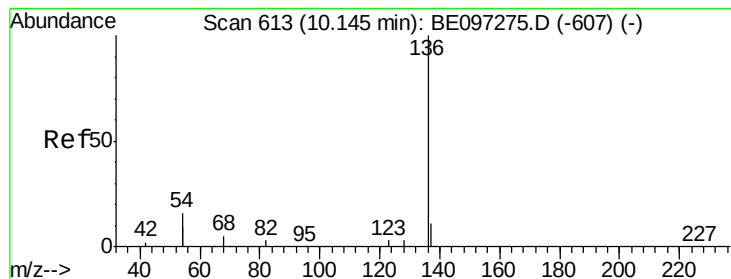


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.14 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

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ClientSampleId :

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Tgt Ion: 136 Resp: 5381

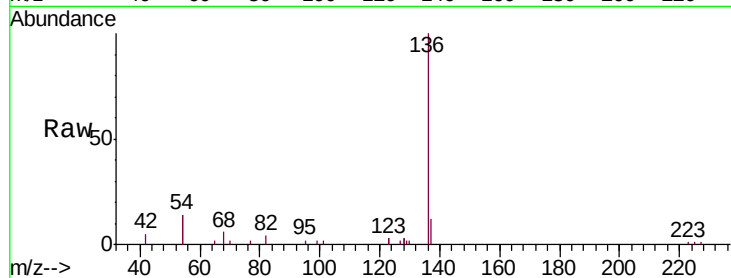
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 28.7 29.1 43.7#

68 6.5 6.2 9.2

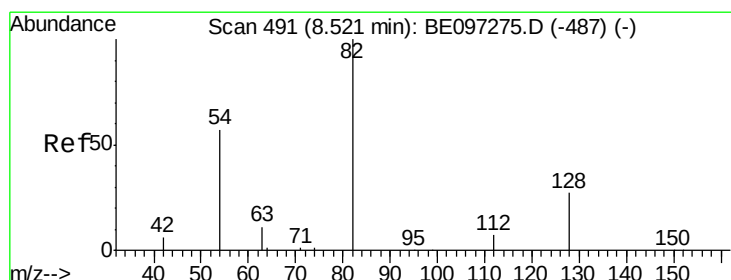
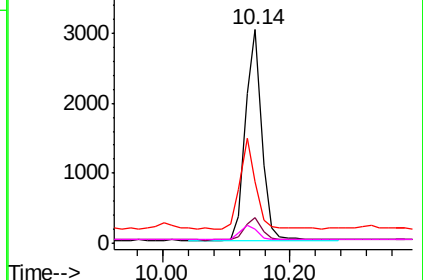
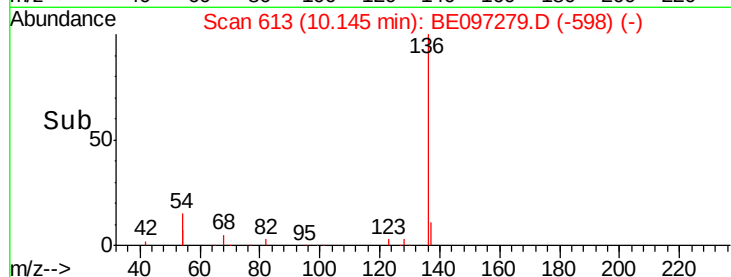


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

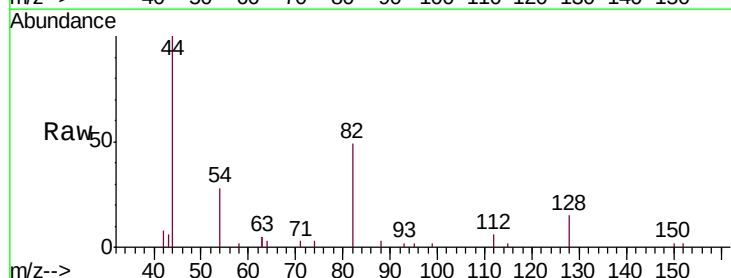
Tgt Ion: 82 Resp: 1850

Ion Ratio Lower Upper

82 100

128 30.2 24.0 36.0

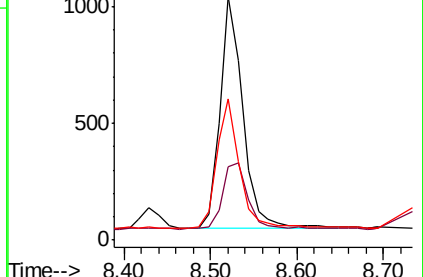
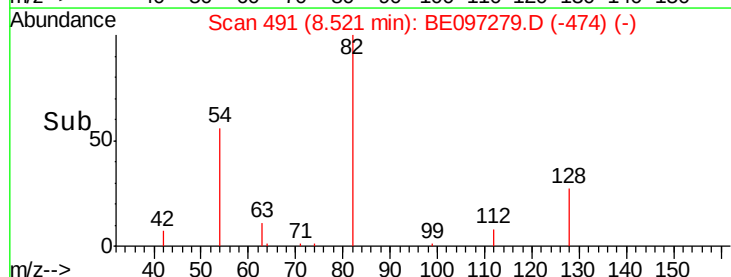
54 58.3 40.0 60.0

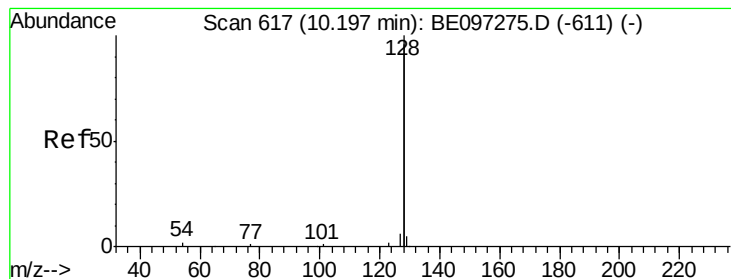


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.01 min

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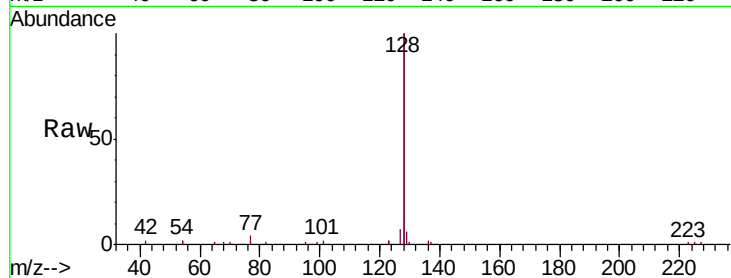
Tgt Ion:128 Resp: 18912

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

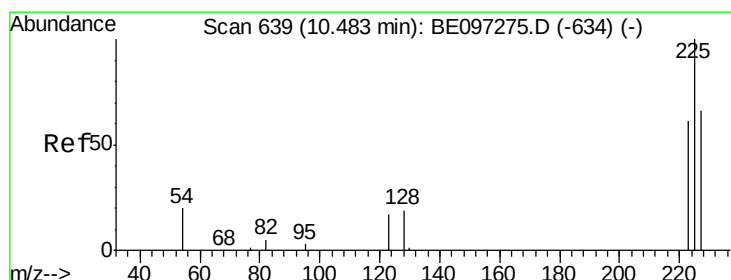
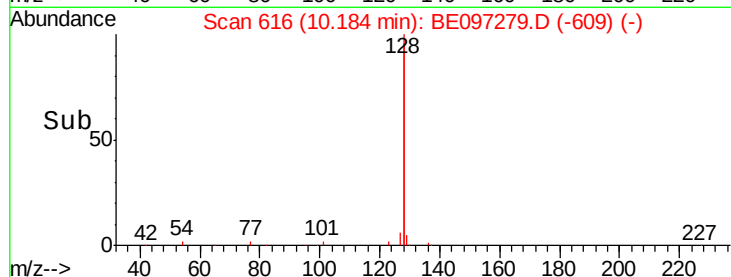
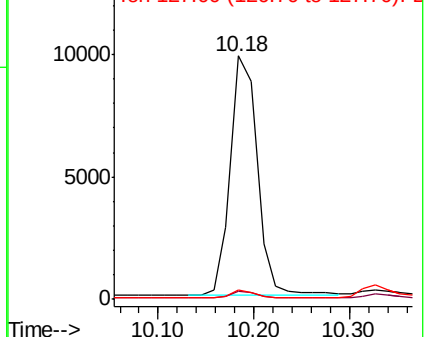
127 3.6 2.8 4.2



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: 0.380 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

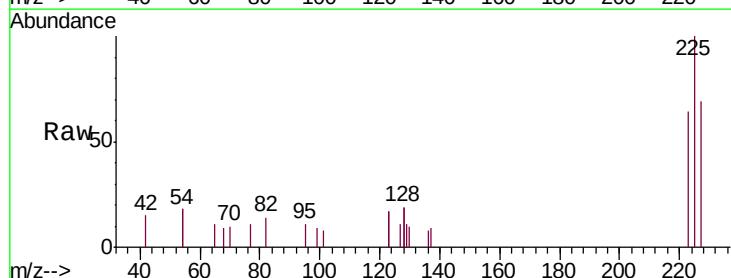
Tgt Ion:225 Resp: 864

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

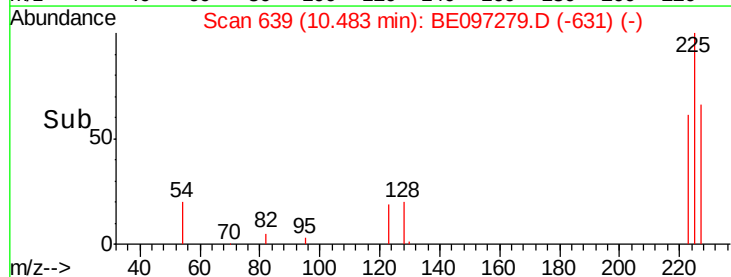
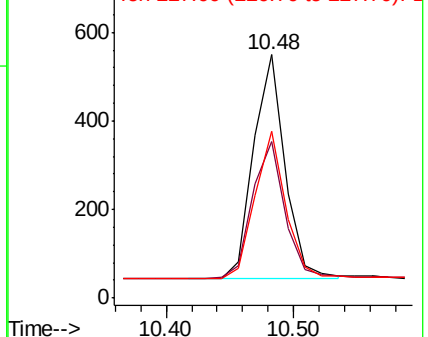
227 65.3 51.4 77.2

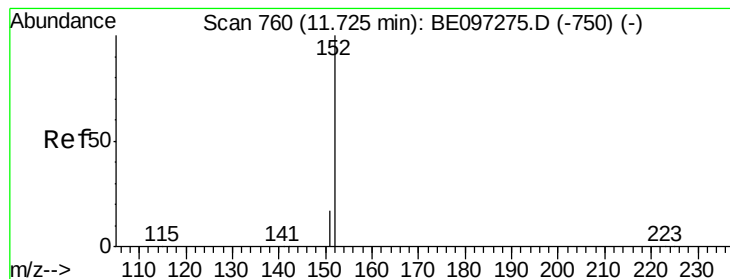


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 11.73 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE097279.D

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ClientSampleId :

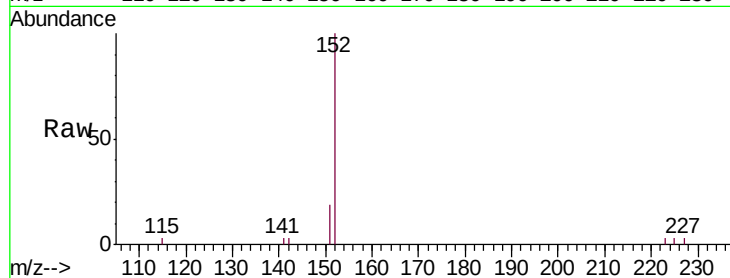
ICVBE081518

Tgt Ion:152 Resp: 2941

Ion Ratio Lower Upper

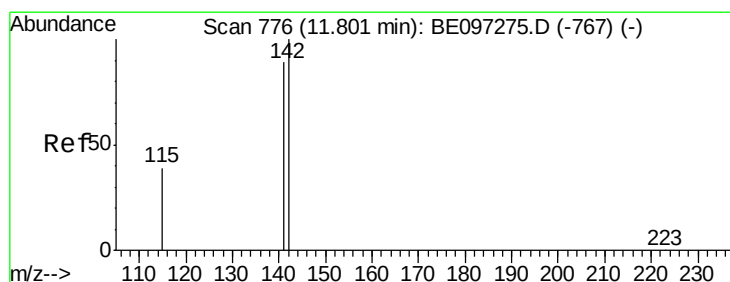
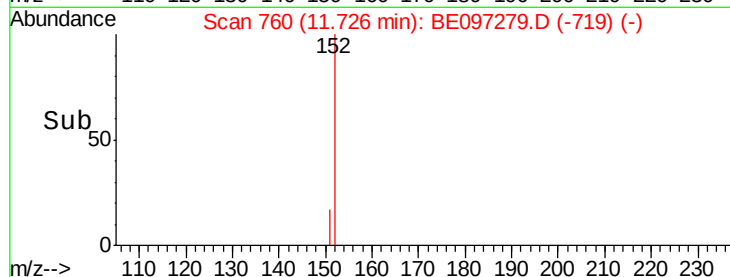
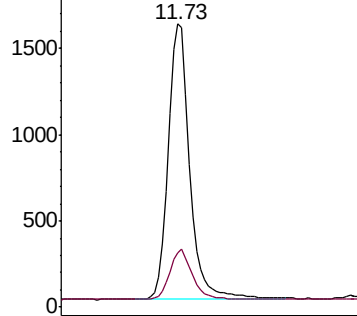
152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.371 ng

RT: 11.80 min Scan# 776

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

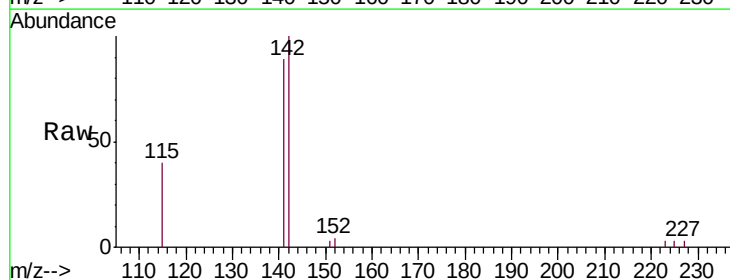
Tgt Ion:142 Resp: 3058

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

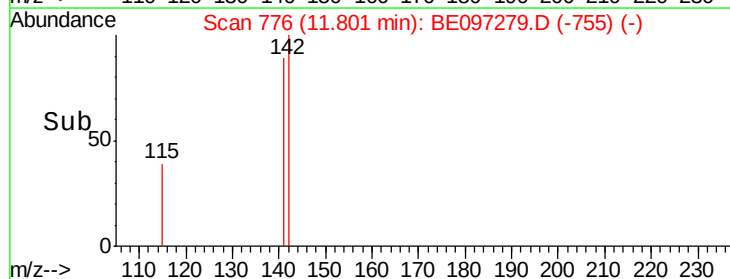
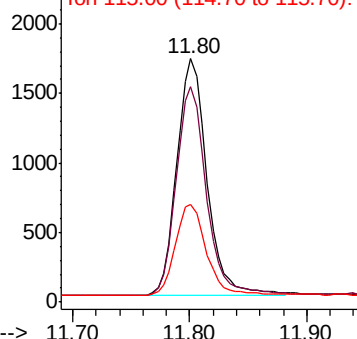
115 40.3 31.7 47.5

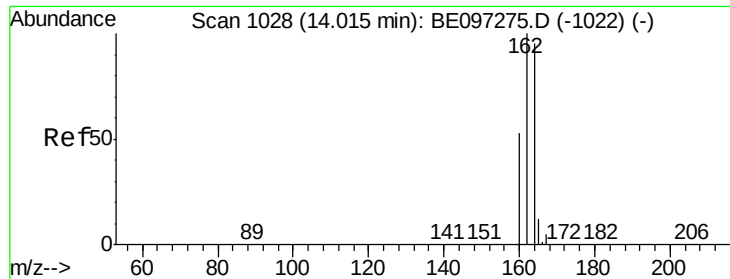


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

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ClientSampleId :

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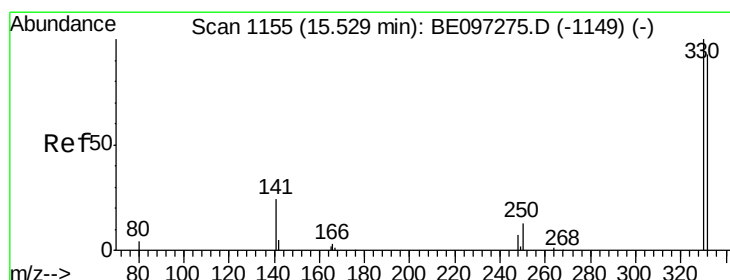
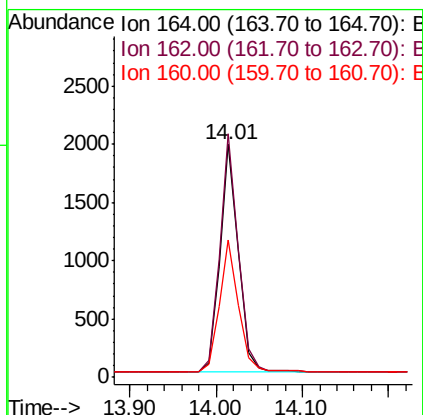
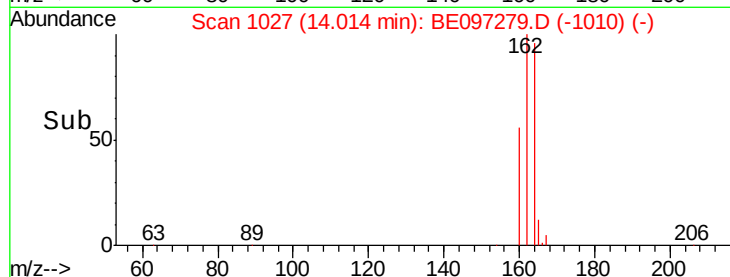
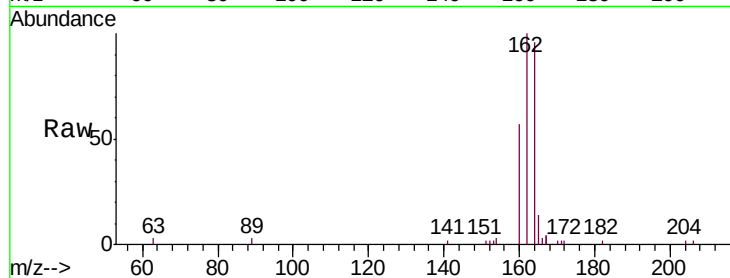
Tgt Ion:164 Resp: 2925

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

160 59.0 37.1 55.7#



#14

2,4,6-Tribromophenol

Concen: 0.395 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

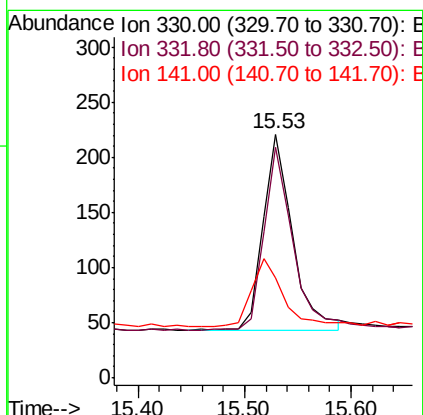
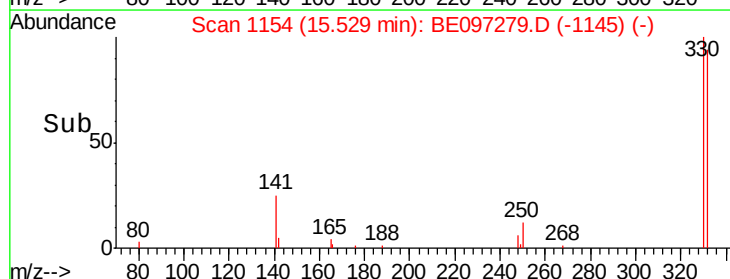
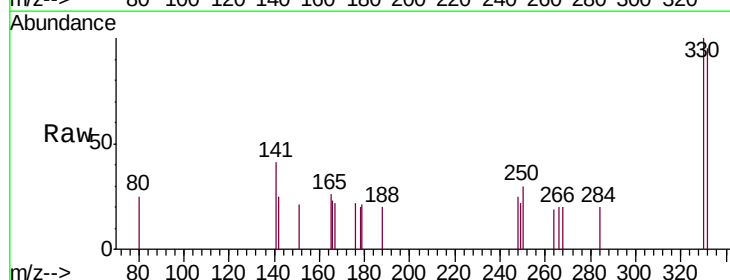
Tgt Ion:330 Resp: 342

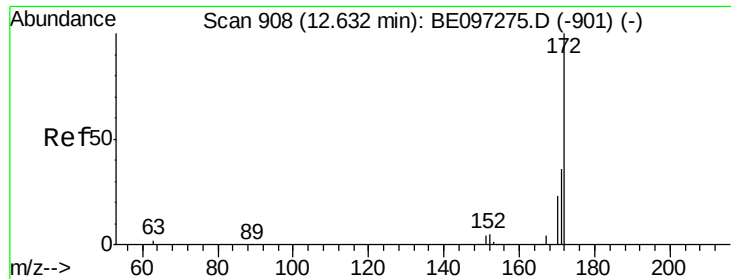
Ion Ratio Lower Upper

330 100

332 91.8 152.7 229.1#

141 37.1 33.7 50.5

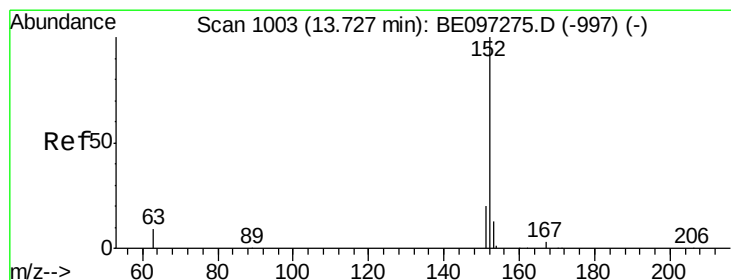
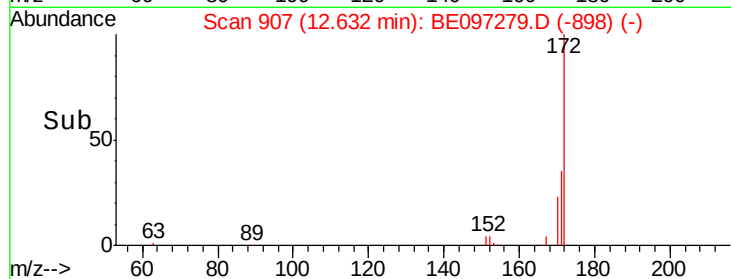
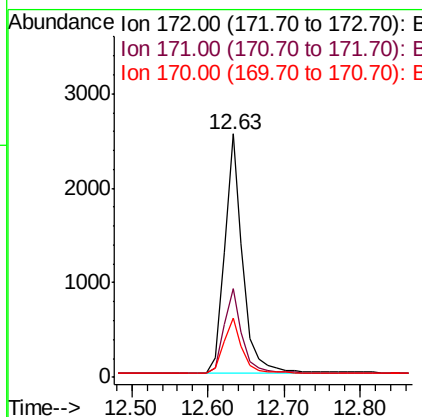
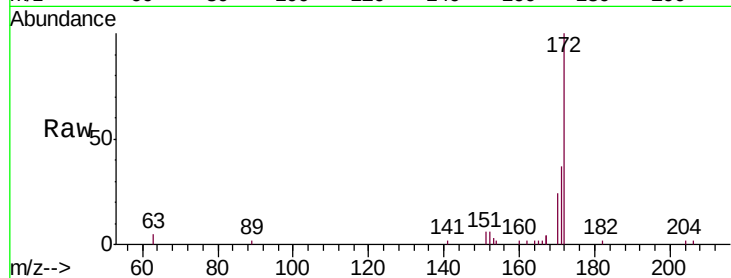




#15
 2-Fluorobiphenyl
 Concen: 0.385 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097279.D
 Acq: 15 Aug 2018 15:04

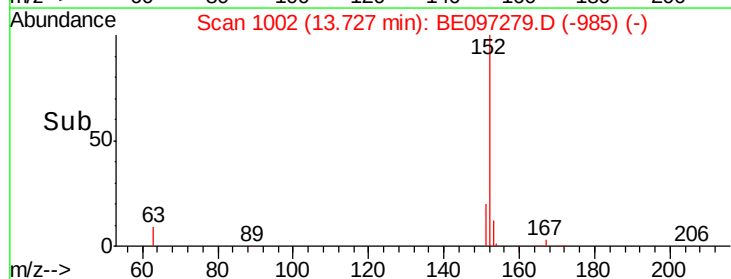
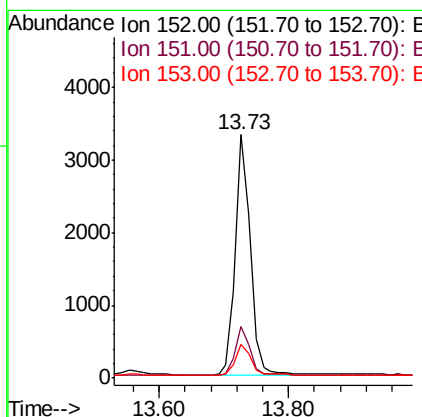
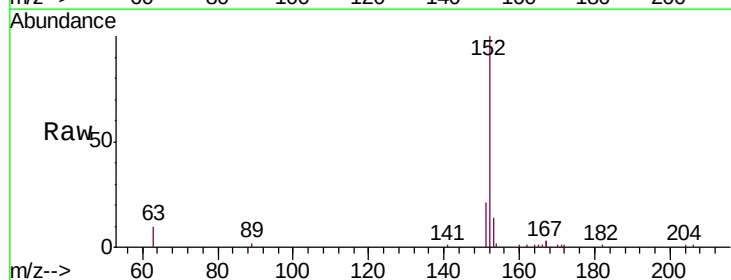
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE081518

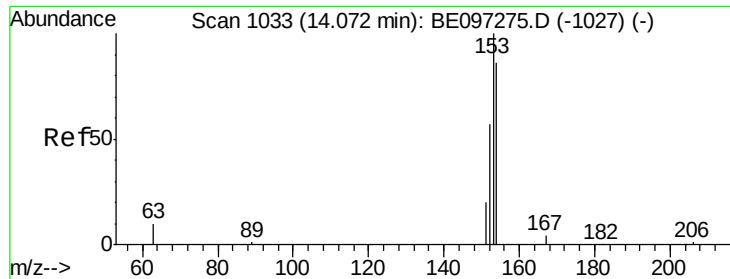
Tgt Ion:172 Resp: 4231
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 24.5 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.390 ng
 RT: 13.73 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BE097279.D
 Acq: 15 Aug 2018 15:04

Tgt Ion:152 Resp: 5261
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.7 23.5
 153 13.2 10.5 15.7

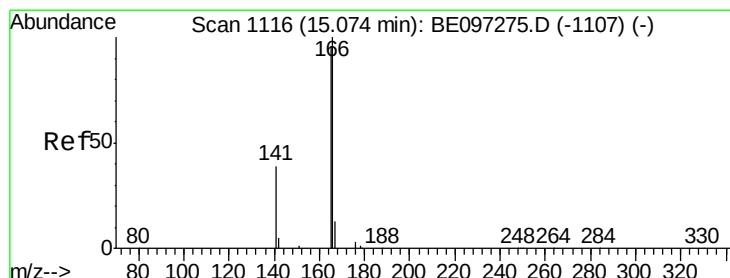
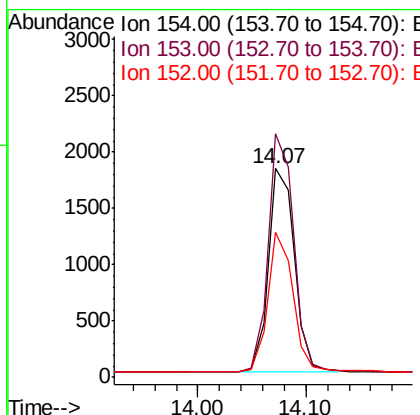
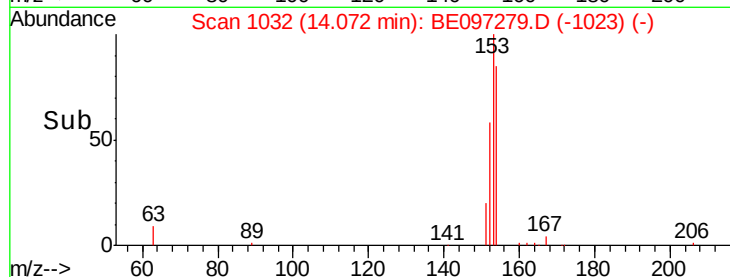
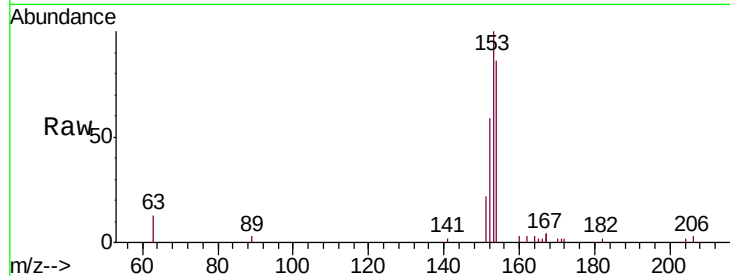




#17
Acenaphthene
Concen: 0.393 ng
RT: 14.07 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097279.D
Acq: 15 Aug 2018 15:04

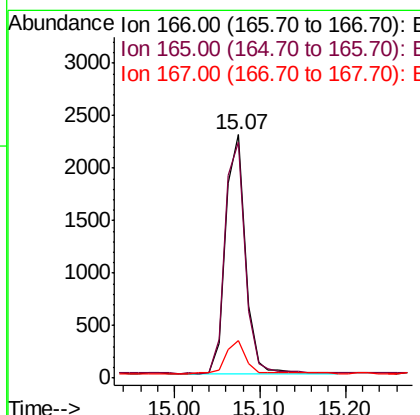
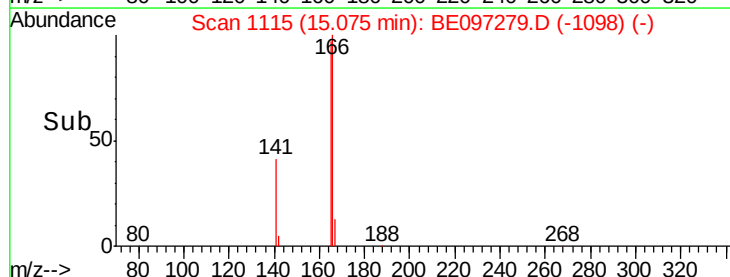
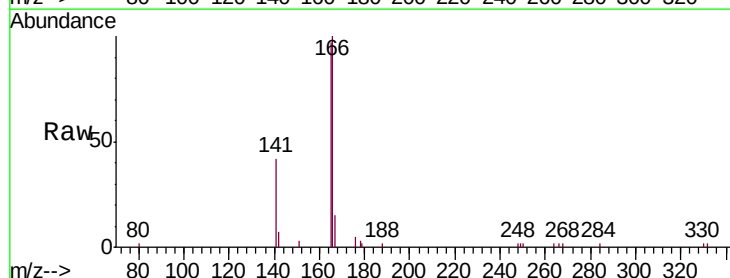
Instrument :
BNA_E
ClientSampleId :
ICVBE081518

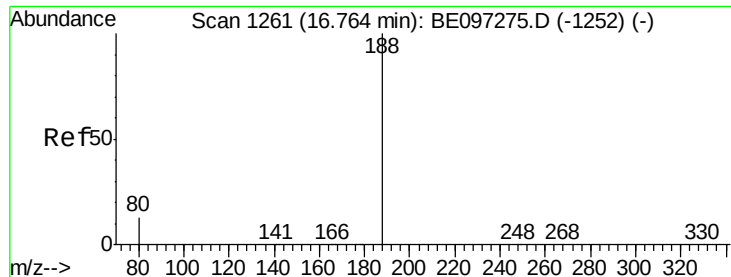
Tgt Ion:154 Resp: 3049
Ion Ratio Lower Upper
154 100
153 114.1 89.2 133.8
152 66.2 42.0 63.0#



#18
Fluorene
Concen: 0.380 ng
RT: 15.07 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097279.D
Acq: 15 Aug 2018 15:04

Tgt Ion:166 Resp: 3662
Ion Ratio Lower Upper
166 100
165 100.1 77.8 116.6
167 13.6 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

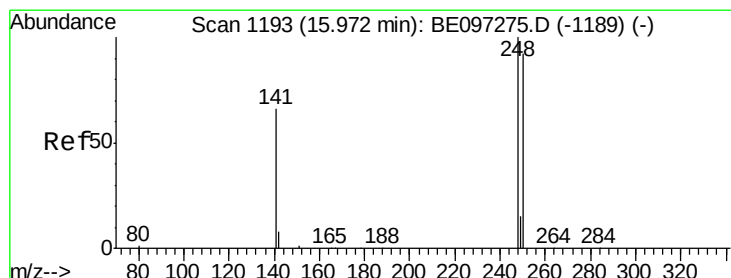
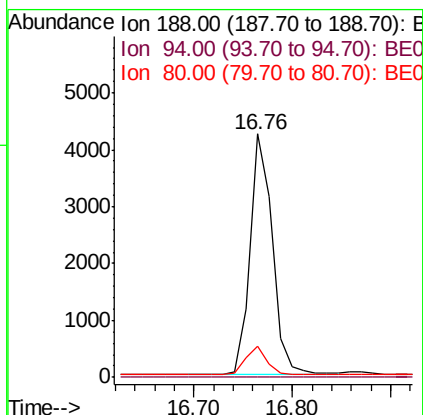
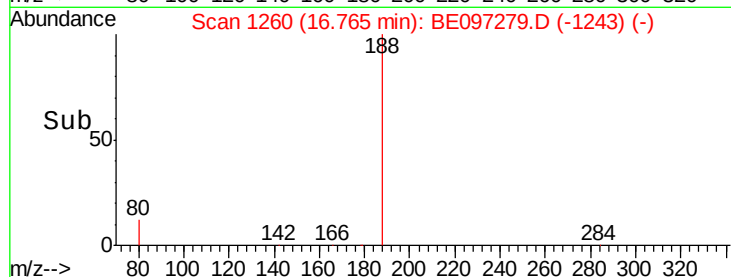
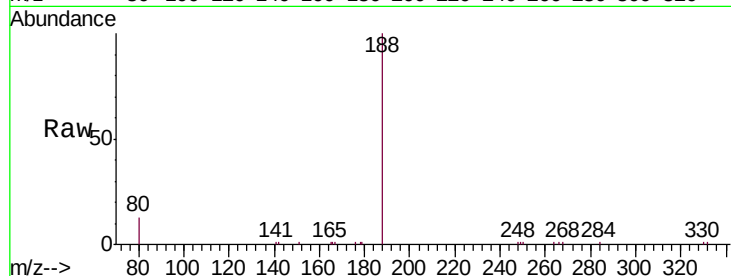
Tgt Ion:188 Resp: 6672

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.1 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 15.97 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

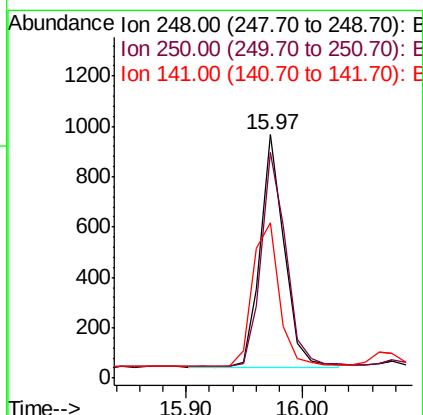
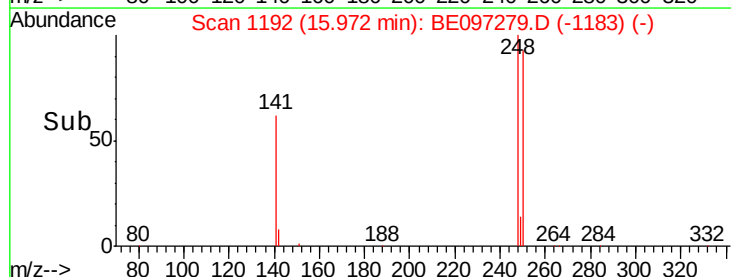
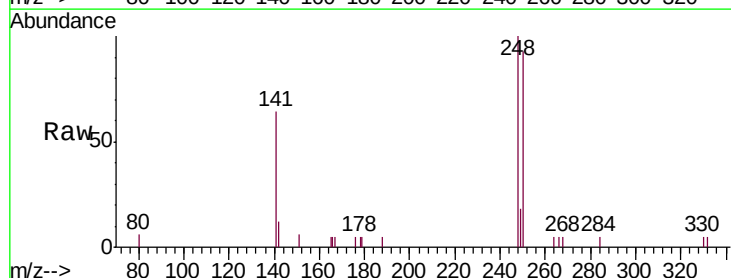
Tgt Ion:248 Resp: 1331

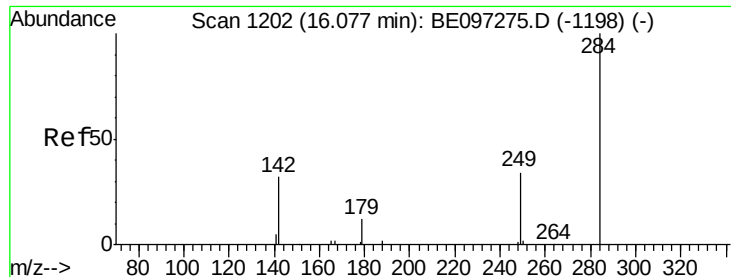
Ion Ratio Lower Upper

248 100

250 92.9 62.7 94.1

141 63.9 48.2 72.2

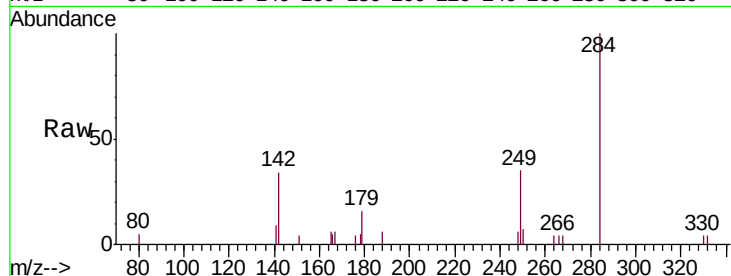




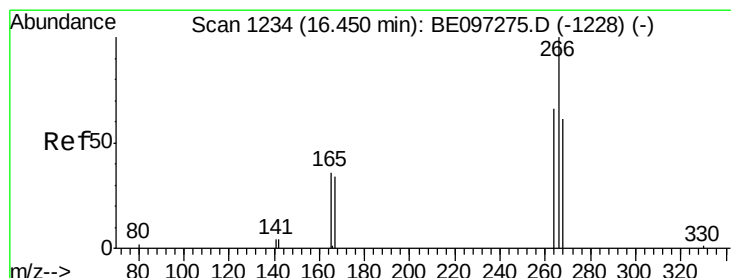
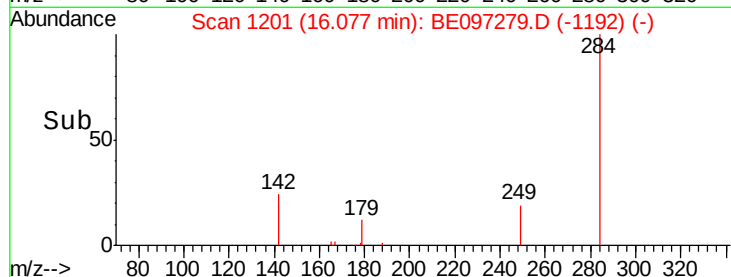
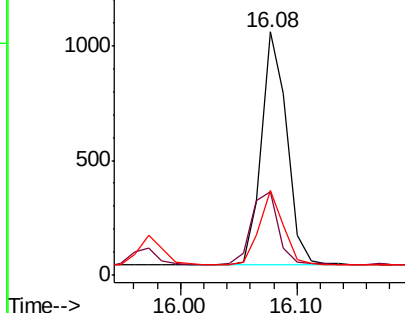
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097279.D
Acq: 15 Aug 2018 15:04

Instrument :
BNA_E
ClientSampleId :
ICVBE081518

Tgt Ion: 284 Resp: 1552
Ion Ratio Lower Upper
284 100
142 32.9 22.1 33.1
249 29.5 34.8 52.2#

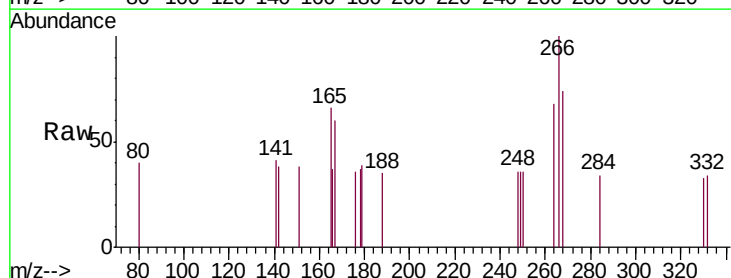


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

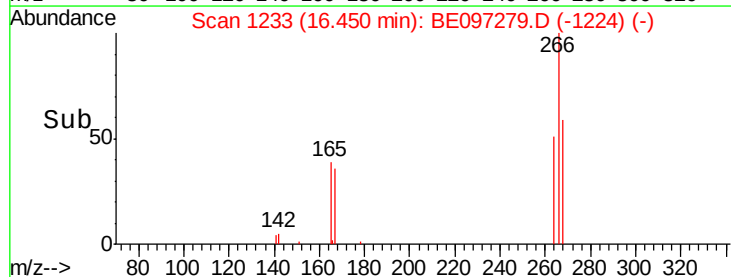
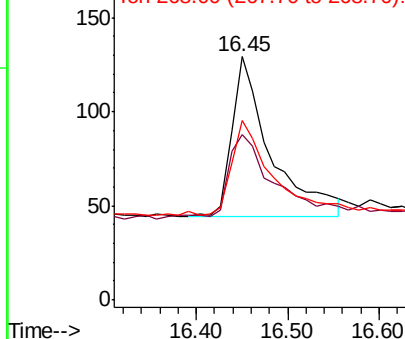


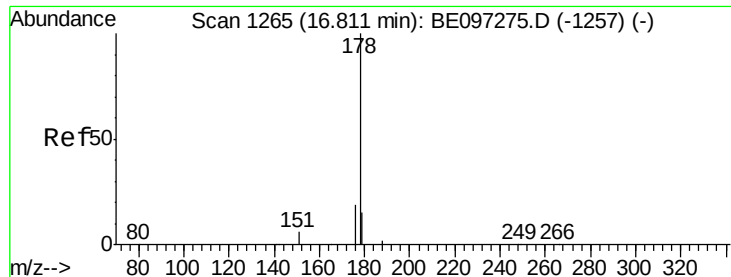
#22
Pentachlorophenol
Concen: 0.360 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097279.D
Acq: 15 Aug 2018 15:04

Tgt Ion: 266 Resp: 253
Ion Ratio Lower Upper
266 100
264 68.2 72.5 108.7#
268 73.6 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: 0.379 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

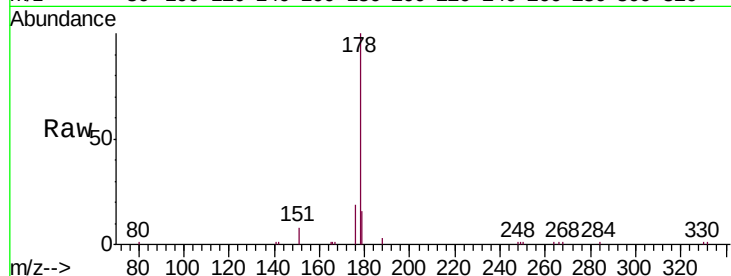
Tgt Ion:178 Resp: 6107

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

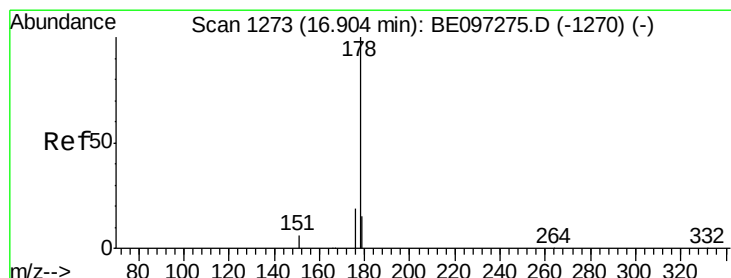
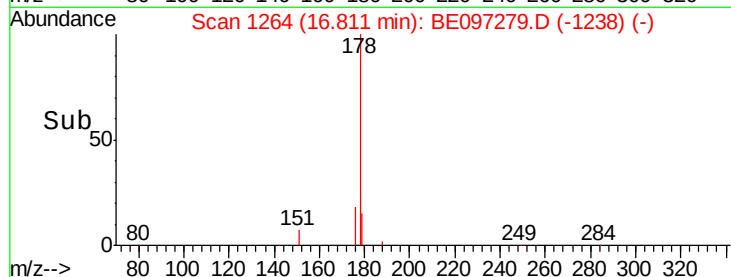
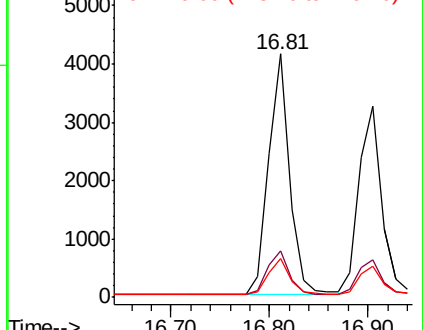
179 15.6 11.8 17.6



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: 0.361 ng

RT: 16.90 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

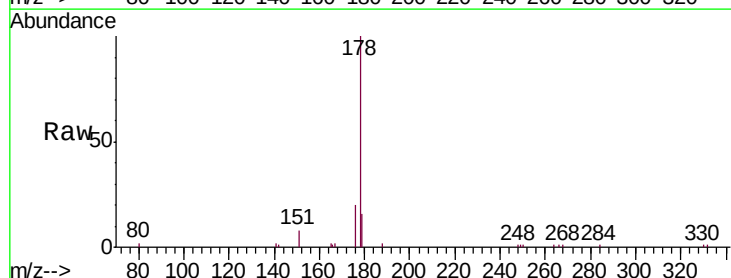
Tgt Ion:178 Resp: 5211

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

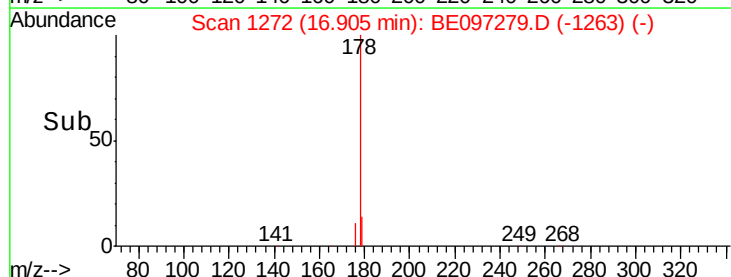
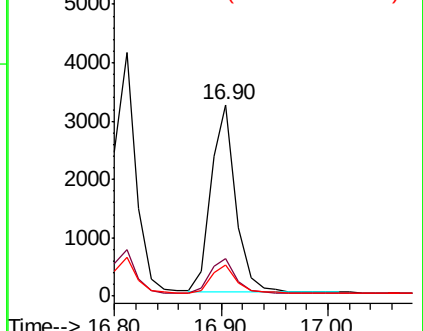
179 14.9 13.0 19.6

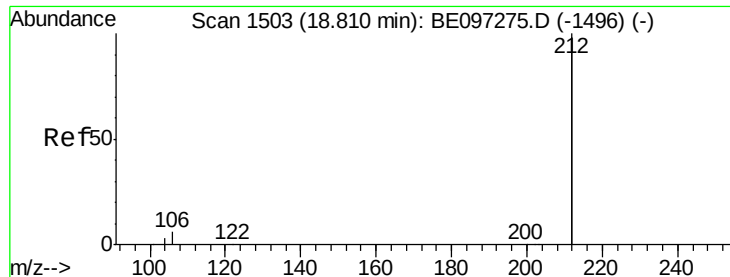


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

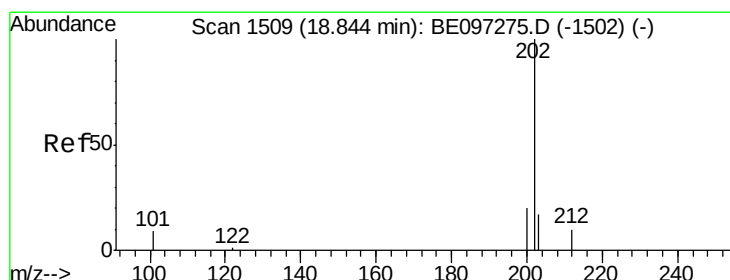
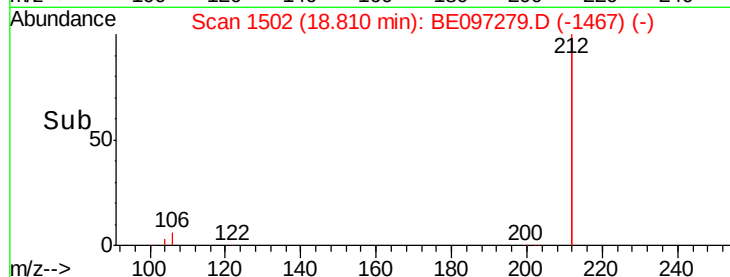
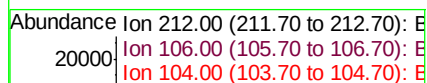
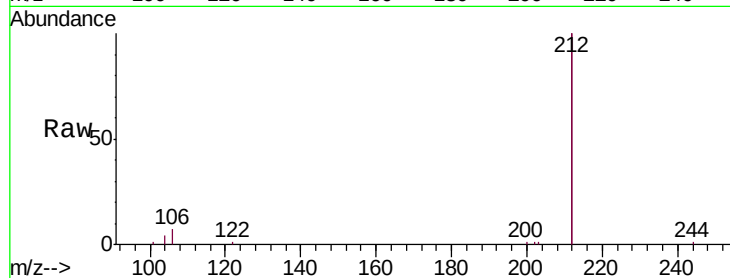
Tgt Ion:212 Resp: 23585

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

104 1.7 1.6 2.4



#26

Fluoranthene

Concen: 0.358 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

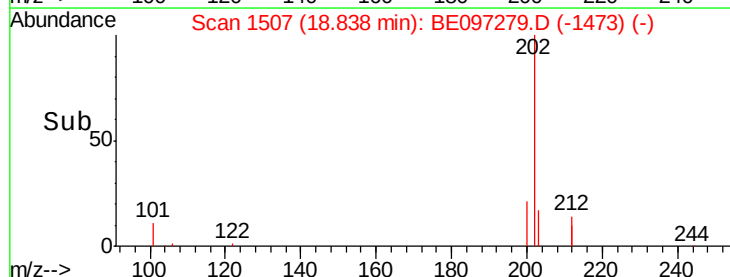
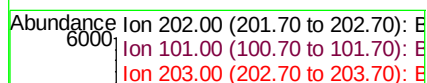
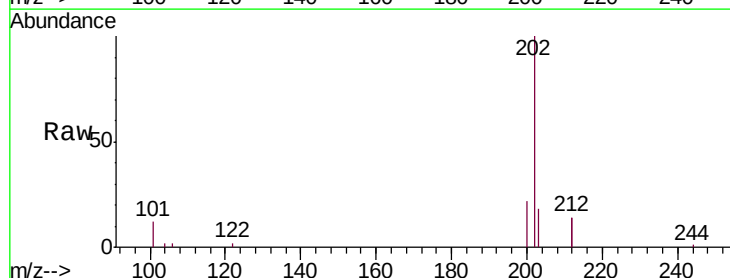
Tgt Ion:202 Resp: 6370

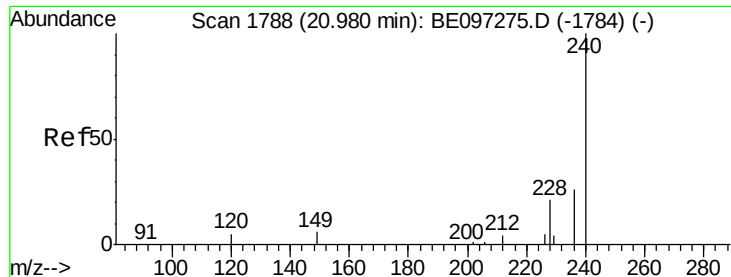
Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

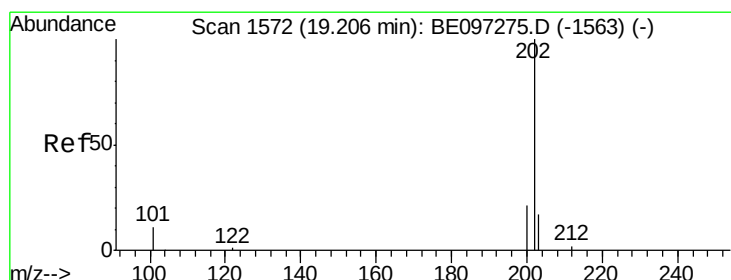
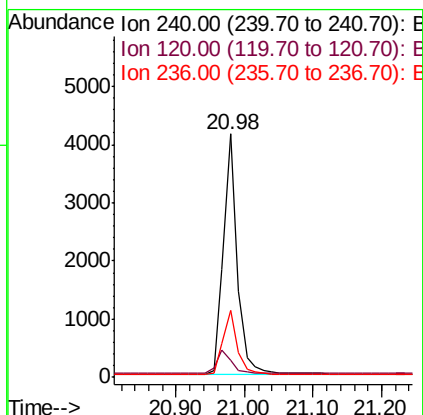
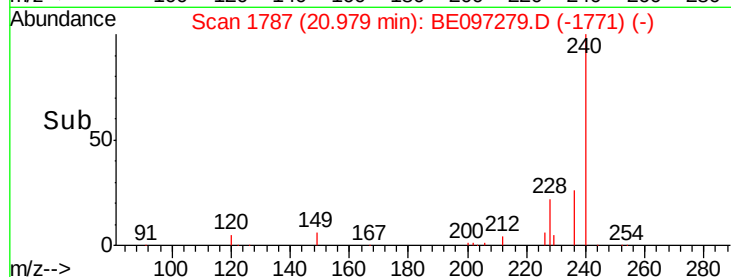
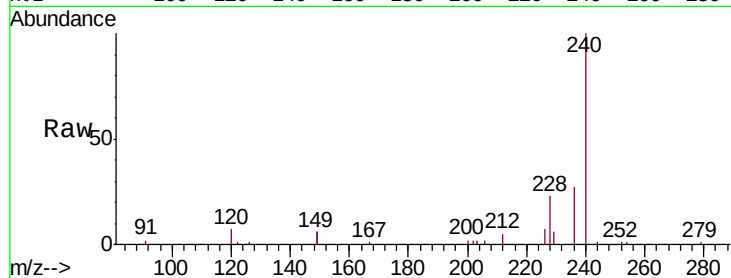
Tgt Ion:240 Resp: 5938

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

236 27.3 20.7 31.1



#28

Pyrene

Concen: 0.382 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

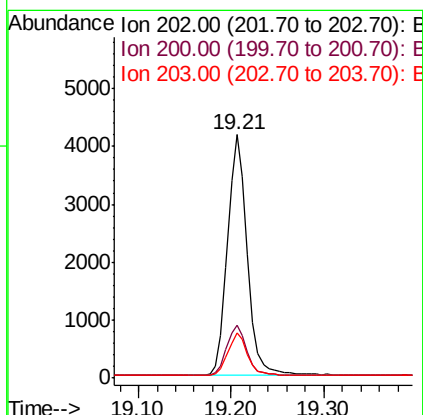
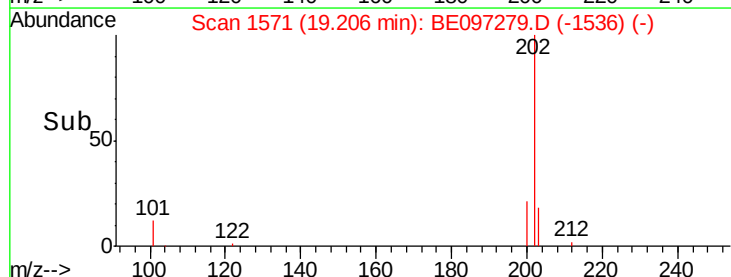
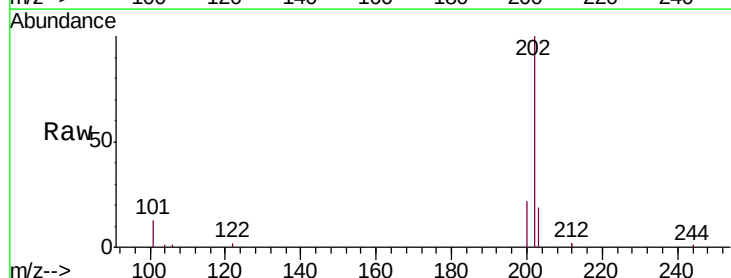
Tgt Ion:202 Resp: 6123

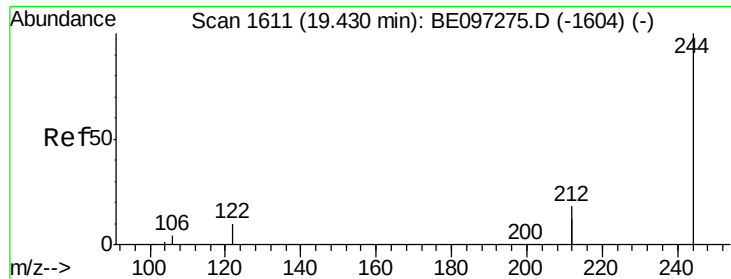
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.383 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

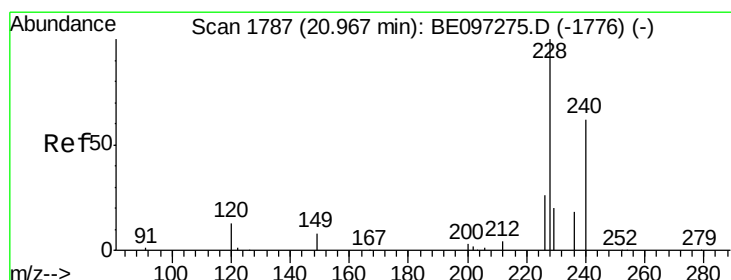
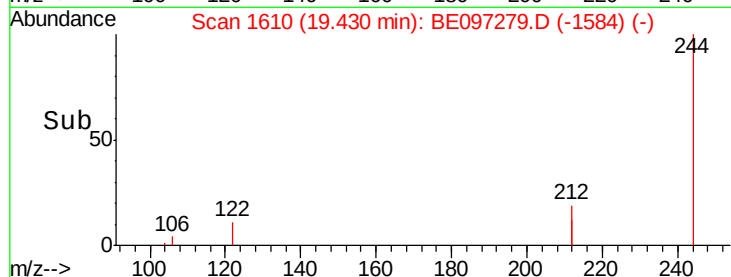
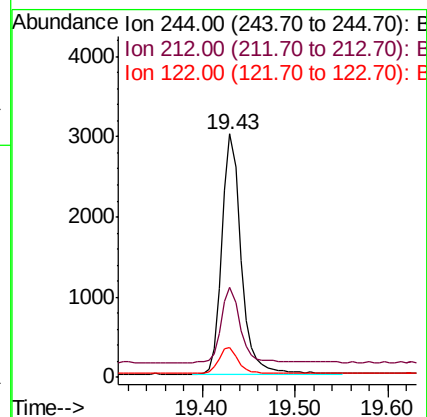
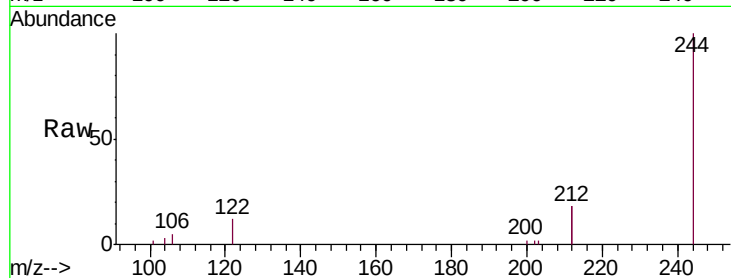
Tgt Ion:244 Resp: 4269

Ion Ratio Lower Upper

244 100

212 36.7 25.4 38.0

122 12.2 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.372 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

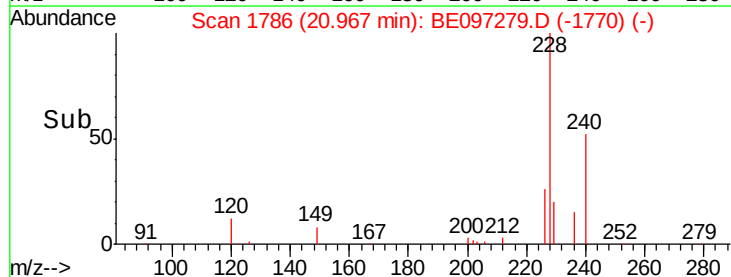
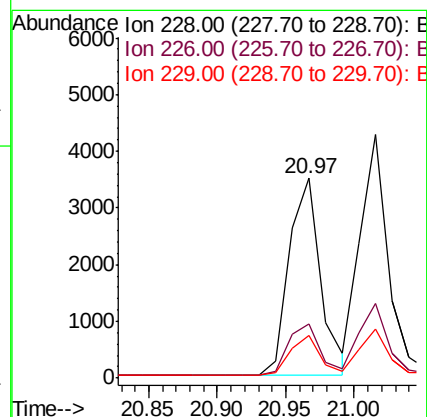
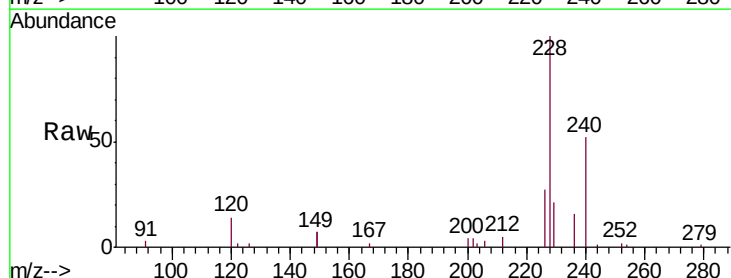
Tgt Ion:228 Resp: 5553

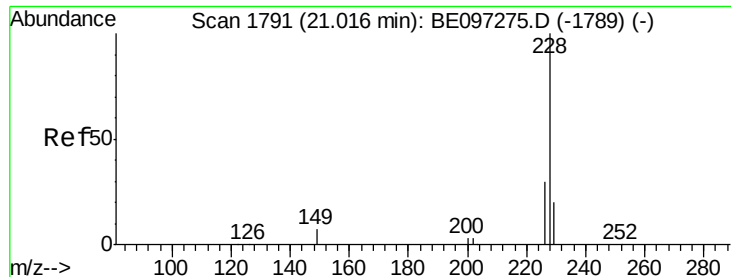
Ion Ratio Lower Upper

228 100

226 27.2 24.0 36.0

229 21.2 16.0 24.0





#31

Chrysene

Concen: 0.395 ng

RT: 21.02 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

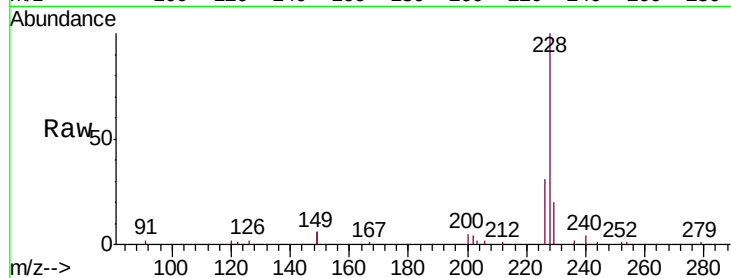
Tgt Ion:228 Resp: 6043

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

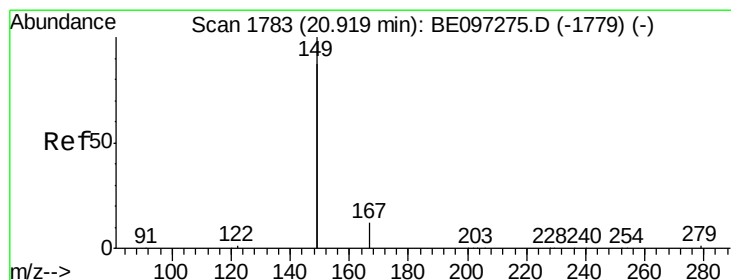
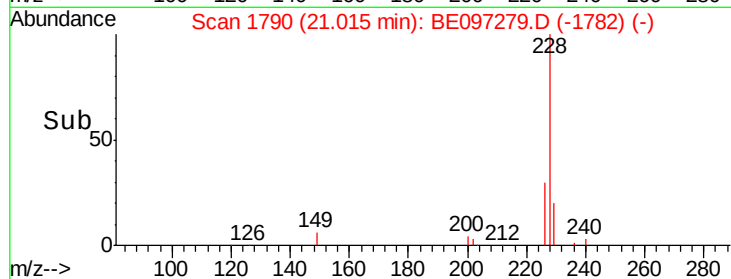
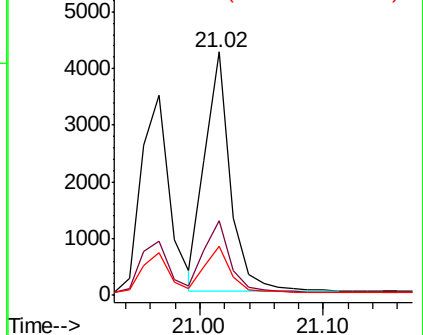
229 20.4 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.300 ng

RT: 20.92 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

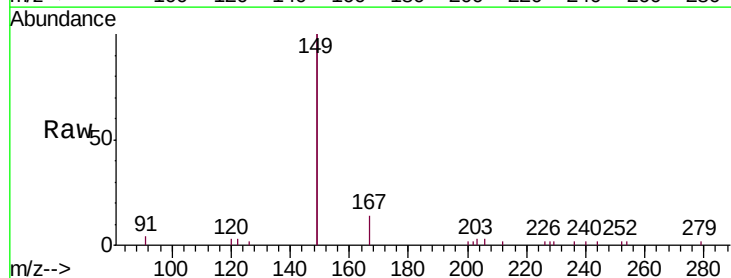
Tgt Ion:149 Resp: 5802

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

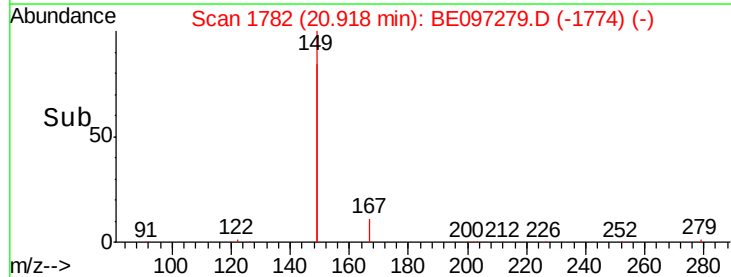
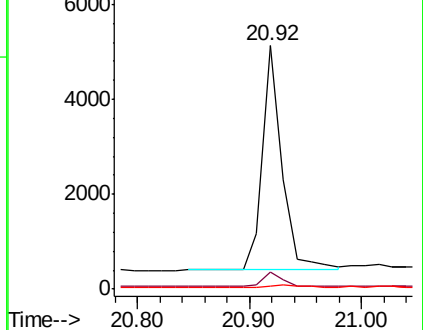
279 1.0 0.7 1.1

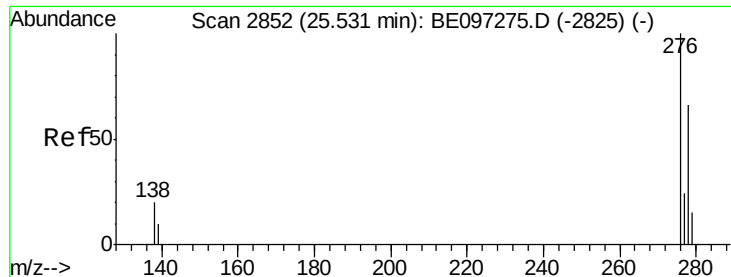


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.370 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

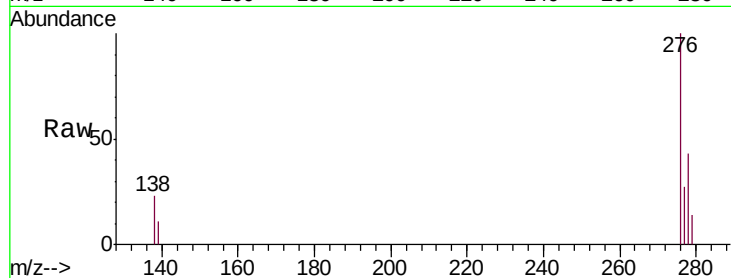
Tgt Ion:276 Resp: 6101

Ion Ratio Lower Upper

276 100

138 7.8 22.5 33.7#

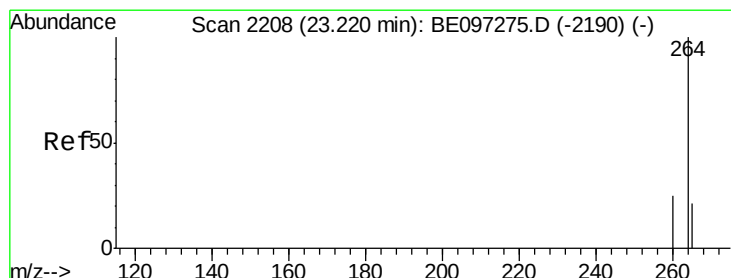
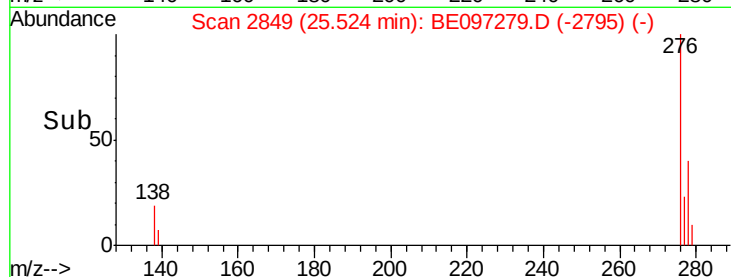
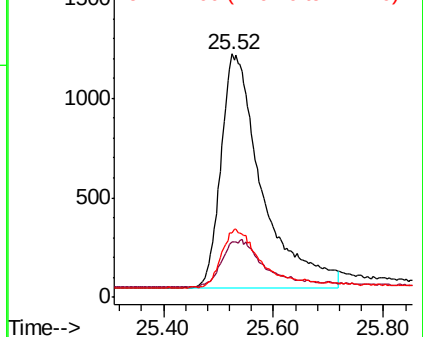
277 23.1 19.9 29.9



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

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

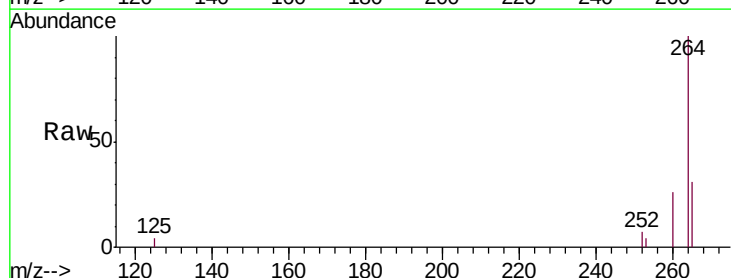
Tgt Ion:264 Resp: 5295

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

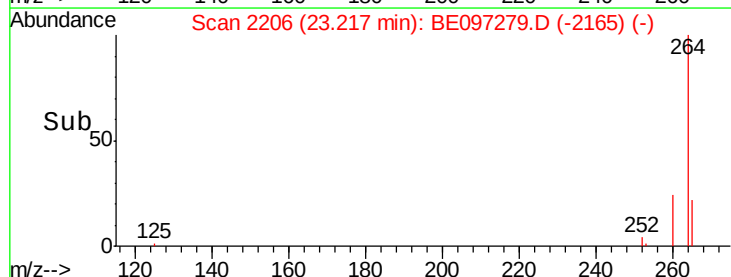
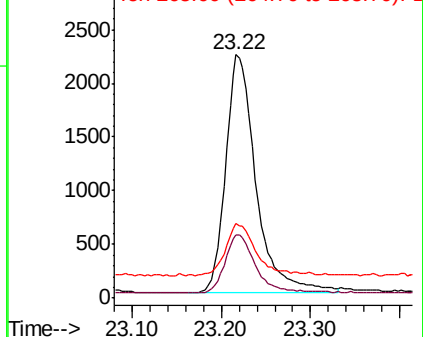
265 30.8 22.8 34.2

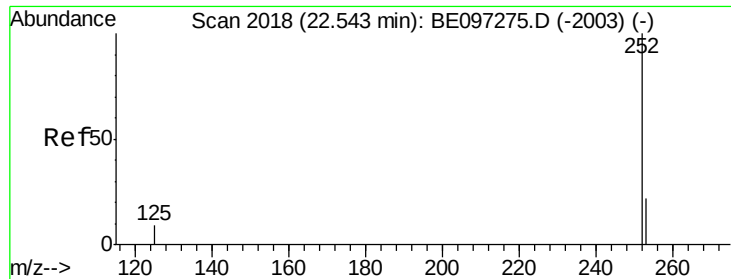


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 22.54 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

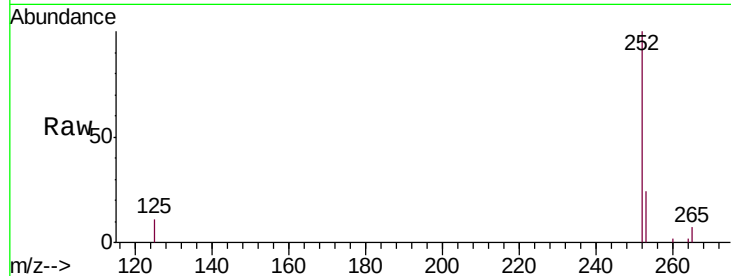
Tgt Ion:252 Resp: 4966

Ion Ratio Lower Upper

252 100

253 24.1 20.0 30.0

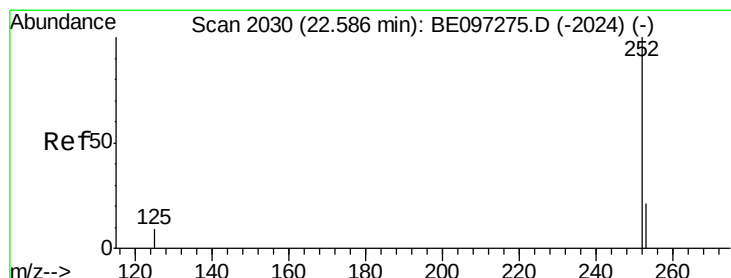
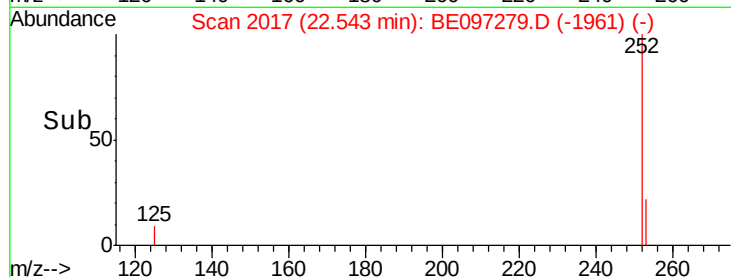
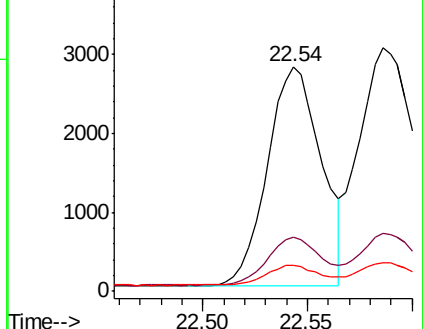
125 11.5 16.0 24.0#



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: 0.401 ng

RT: 22.59 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

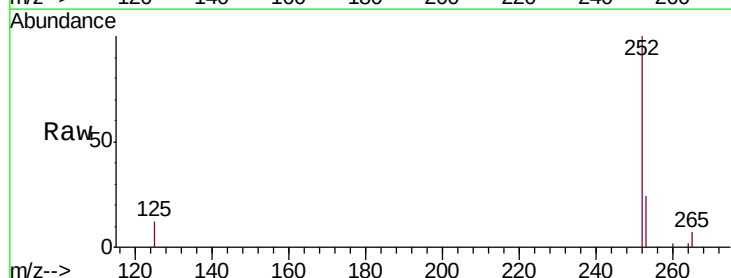
Tgt Ion:252 Resp: 6423

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

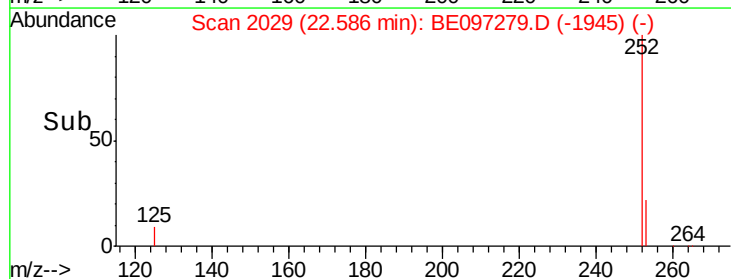
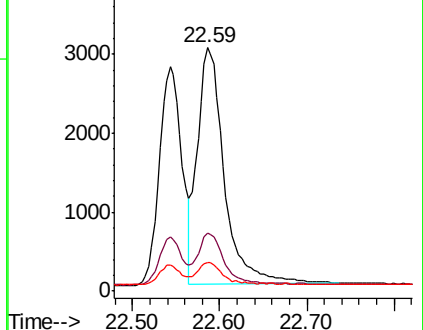
125 11.9 8.0 12.0

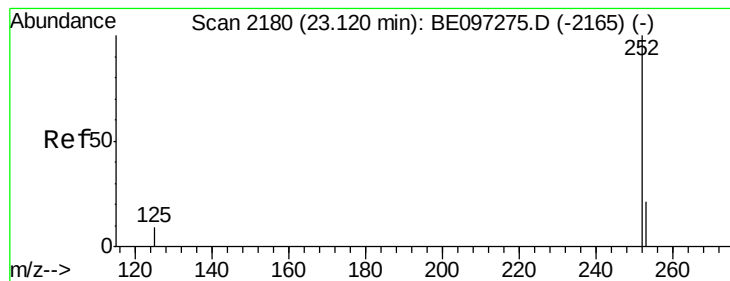


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

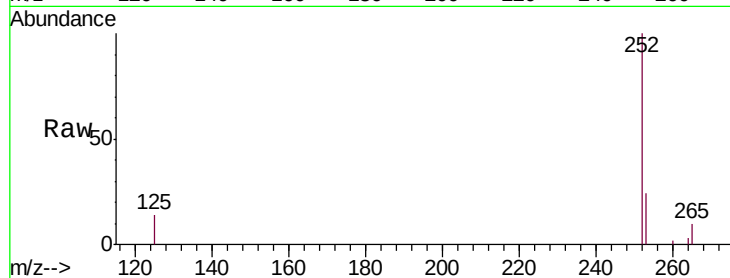
Tgt Ion:252 Resp: 4965

Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

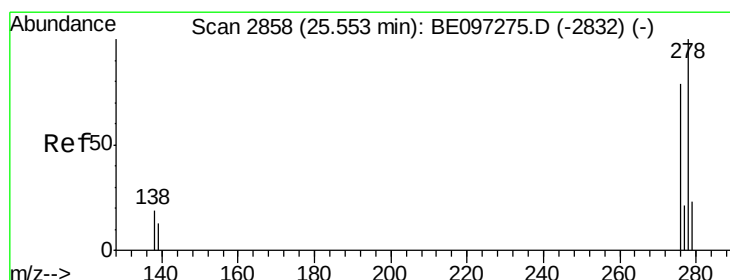
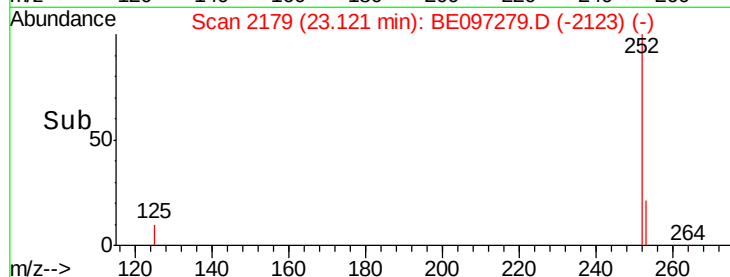
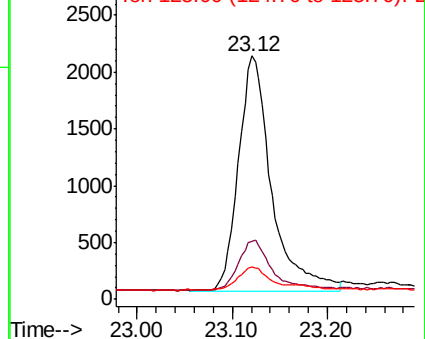
125 13.6 12.0 18.0



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: 0.362 ng

RT: 25.55 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

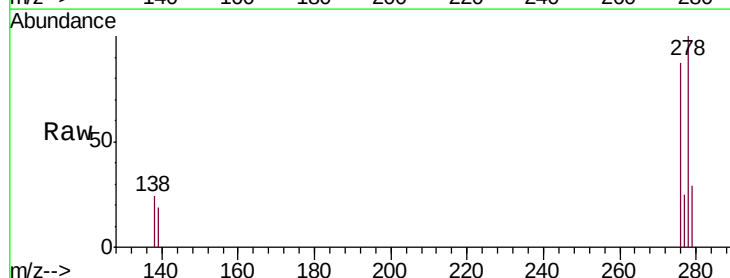
Tgt Ion:278 Resp: 4721

Ion Ratio Lower Upper

278 100

139 18.8 16.0 24.0

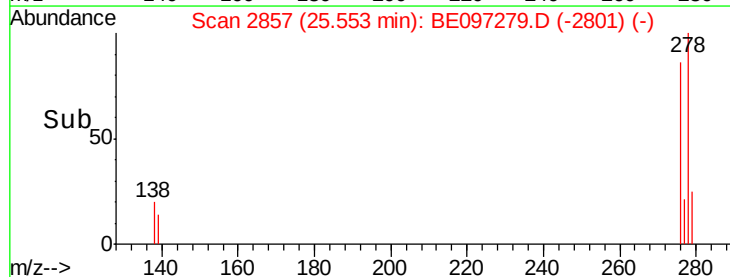
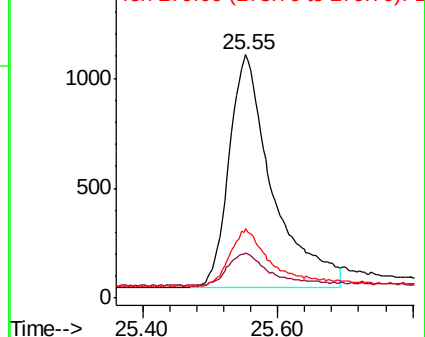
279 28.8 20.0 30.0

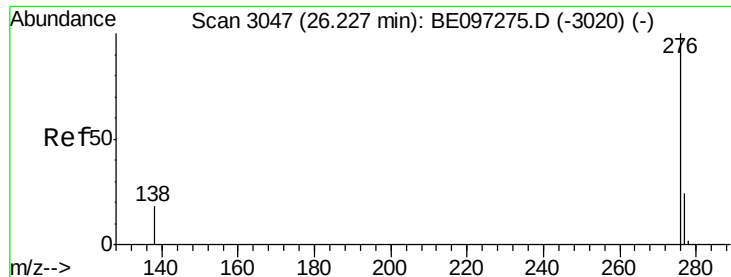


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.386 ng

RT: 26.23 min Scan# 3046

Delta R.T. 0.00 min

Lab File: BE097279.D

Acq: 15 Aug 2018 15:04

Instrument :

BNA_E

ClientSampleId :

ICVBE081518

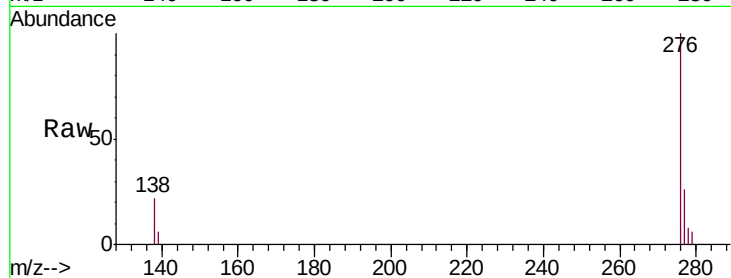
Tgt Ion: 276 Resp: 5085

Ion Ratio Lower Upper

276 100

277 25.9 16.0 24.0#

138 22.3 20.0 30.0



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

