

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081518\
 Data File : BE097282.D
 Acq On : 15 Aug 2018 17:08
 Operator : SJ/JU
 Sample : PB112028BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112028BL

Quant Time: Aug 15 17:48:45 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	987	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4034	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	2056	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	5732	0.40	ng	0.01
27) Chrysene-d12	20.98	240	4984	0.40	ng	0.00
34) Perylene-d12	23.23	264	4685	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	1172	0.36	ng	0.00
5) Phenol-d6	6.61	99	1251	0.27	ng	0.00
8) Nitrobenzene-d5	8.53	82	1451	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2247	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.54	330	163	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	3476	0.45	ng	0.01
25) Fluoranthene-d10	18.82	212	24451	0.43	ng	0.00
29) Terphenyl-d14	19.44	244	3892	0.42	ng	0.00

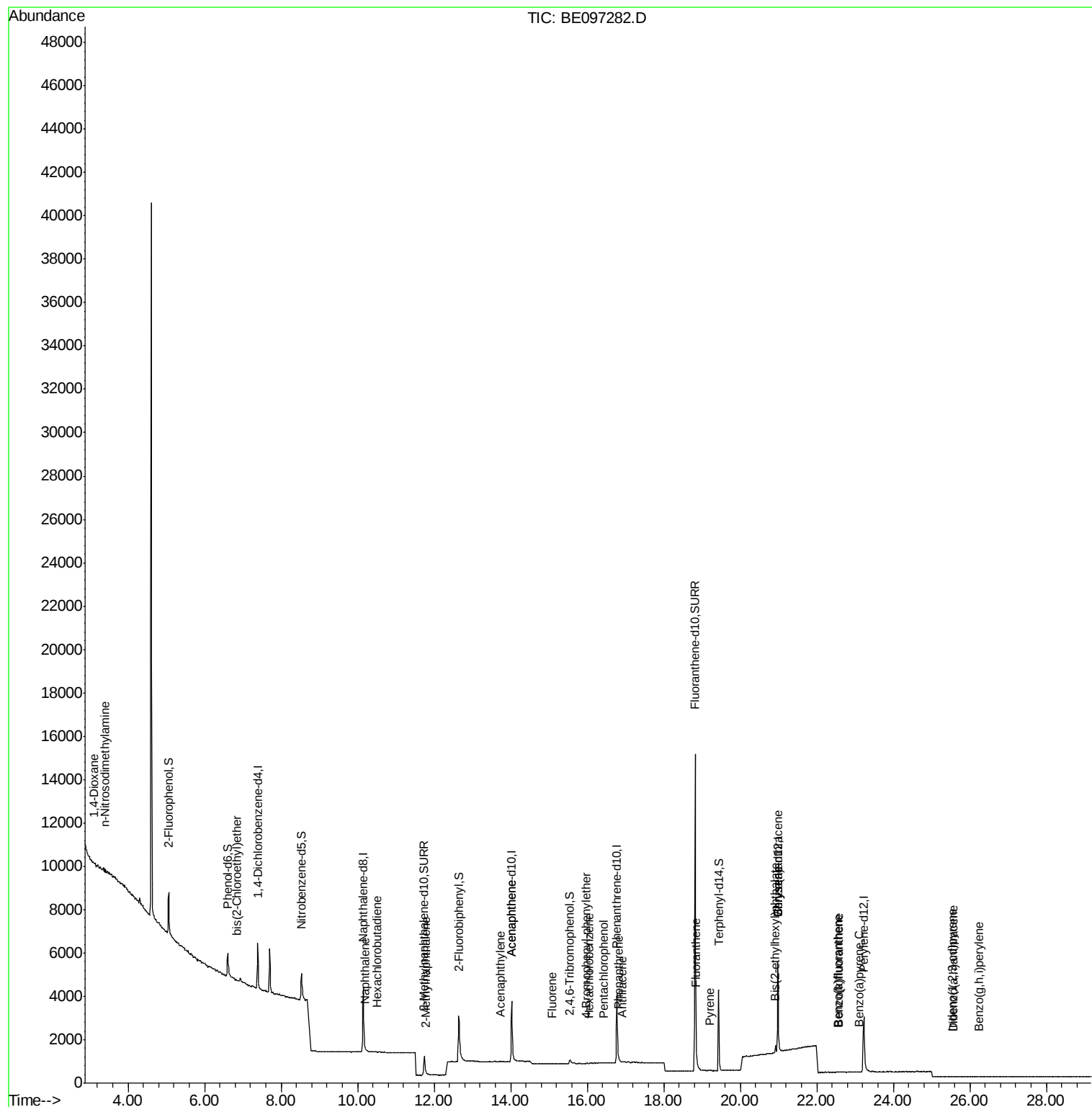
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	6	0.005	ng	# 16
3) n-Nitrosodimethylamine	3.38	42	28	0.022	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	10	0.003	ng	# 85
9) Naphthalene	10.20	128	90	0.002	ng	# 43
10) Hexachlorobutadiene	10.50	225	5	0.003	ng	# 17
12) 2-Methylnaphthalene	11.80	142	2	0.000	ng	# 66
16) Acenaphthylene	13.73	152	16	0.002	ng	# 80
17) Acenaphthene	14.03	154	5	0.001	ng	# 23
18) Fluorene	15.09	166	6	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	15.98	248	1	0.000	ng	# 54
21) Hexachlorobenzene	16.05	284	3	0.001	ng	# 26
22) Pentachlorophenol	16.43	266	1	0.004	ng	# 94
23) Phenanthrene	16.81	178	52	0.004	ng	# 84
24) Anthracene	16.92	178	13	0.001	ng	# 89
26) Fluoranthene	18.85	202	25	0.002	ng	# 64
28) Pyrene	19.21	202	30	0.002	ng	# 80
30) Benzo(a)anthracene	20.98	228	36	0.003	ng	# 1
31) Chrysene	20.98	228	20	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.92	149	505	0.031	ng	100
33) Indeno(1,2,3-cd)pyrene	25.52	276	3	0.000	ng	# 53
35) Benzo(b)fluoranthene	22.55	252	23	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	10	0.001	ng	# 1
37) Benzo(a)pyrene	23.12	252	3	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	25.56	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.24	276	1	0.000	ng	# 1

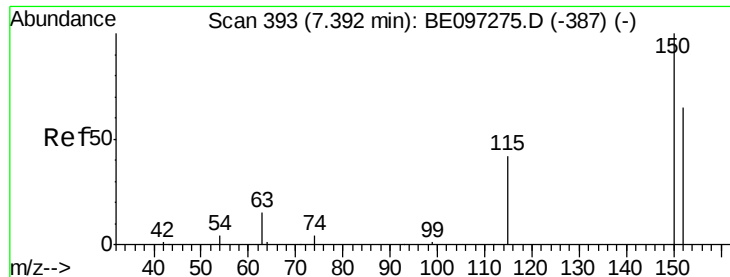
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

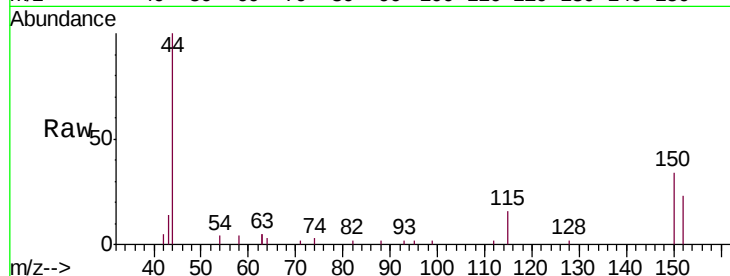
Tgt Ion: 152 Resp: 987

Ion Ratio Lower Upper

152 100

150 150.5 117.2 175.8

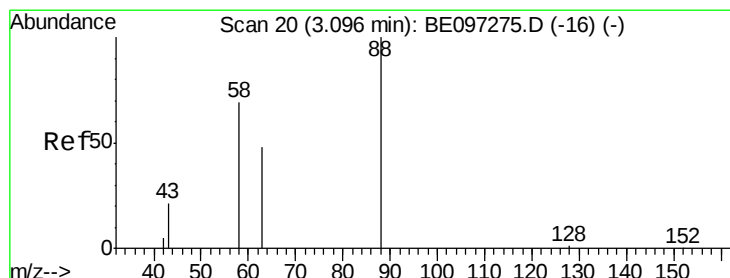
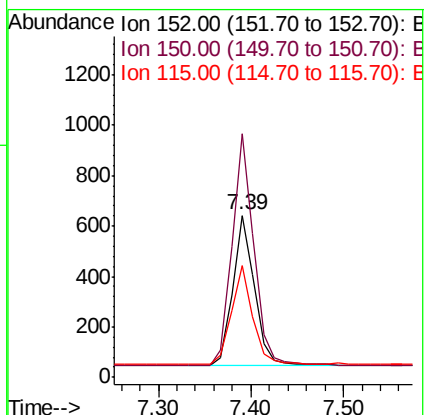
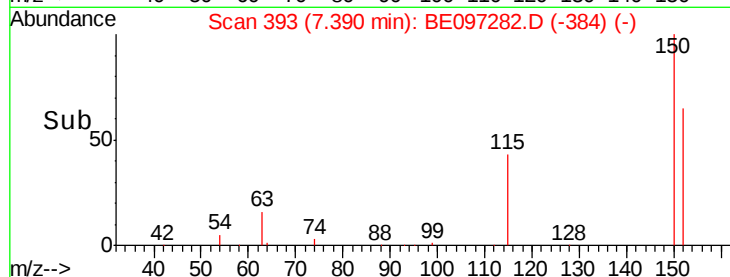
115 69.0 57.0 85.6



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: 0.005 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

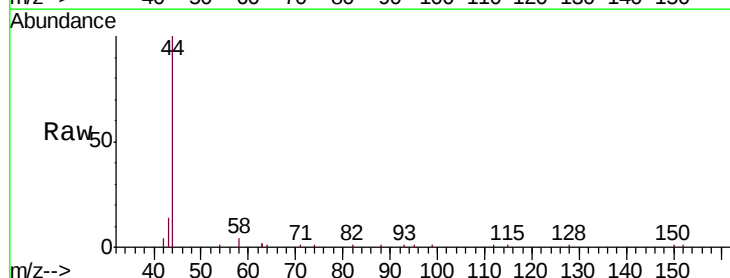
Tgt Ion: 88 Resp: 6

Ion Ratio Lower Upper

88 100

58 0.0 63.2 94.8#

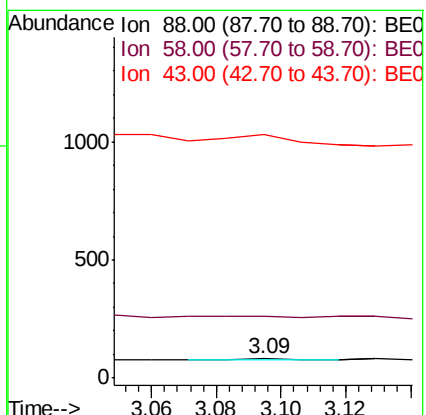
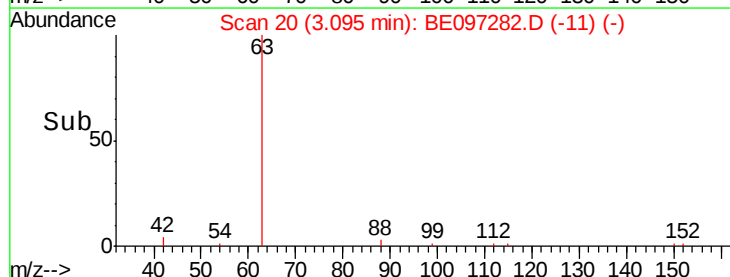
43 0.0 41.2 61.8#

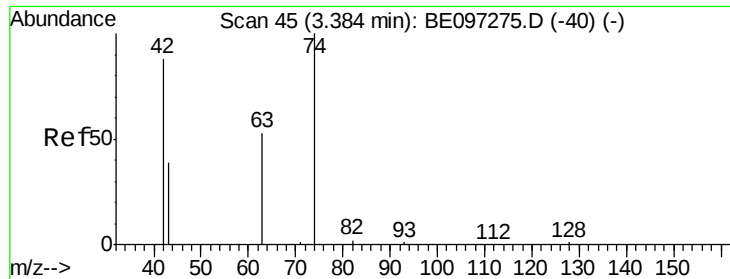


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

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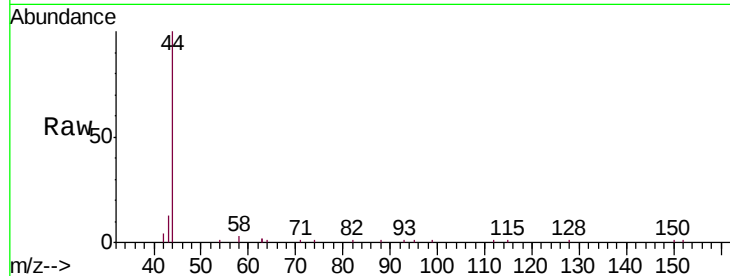
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

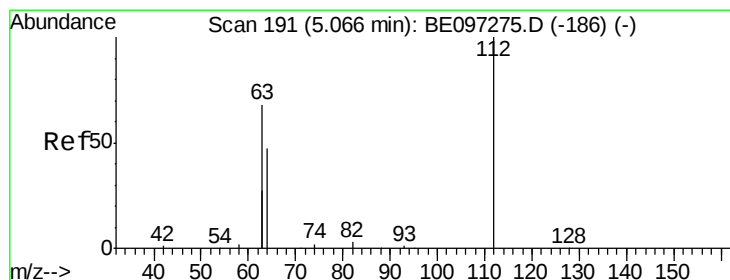
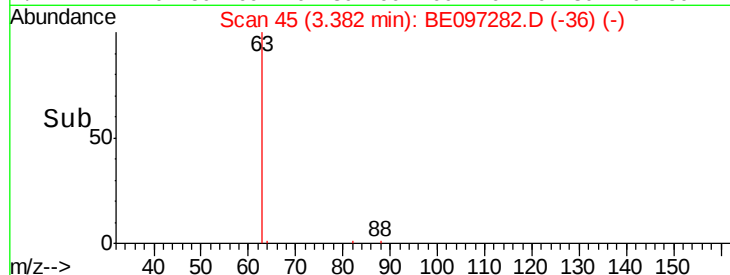
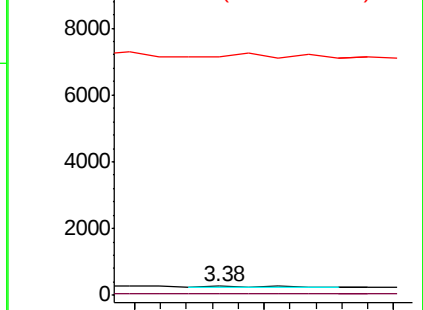
42 100

74 14.3 96.0 144.0#

44 753.6 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: 0.361 ng

RT: 5.06 min Scan# 191

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

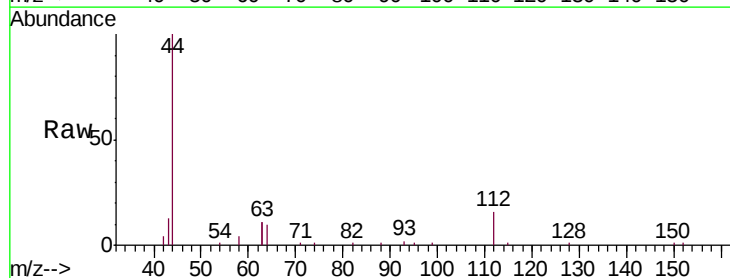
Tgt Ion: 112 Resp: 1172

Ion Ratio Lower Upper

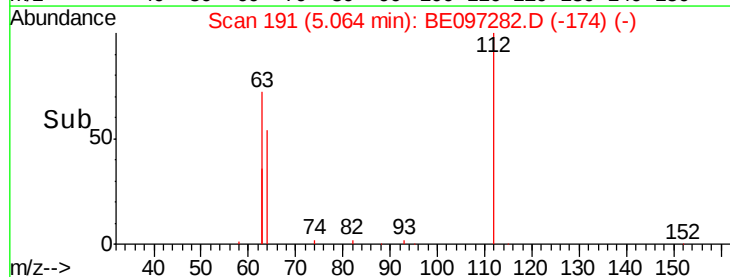
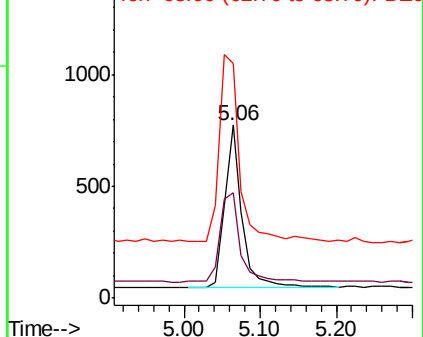
112 100

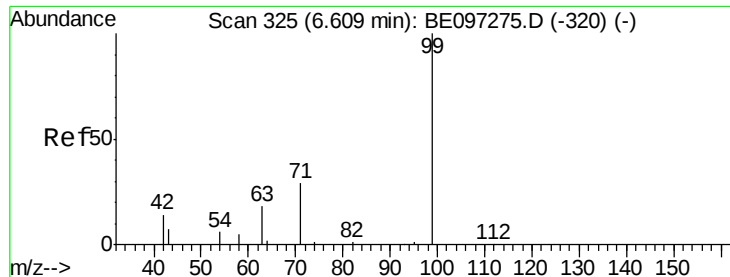
64 65.4 60.1 90.1

63 128.4 116.8 175.2



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: 0.270 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

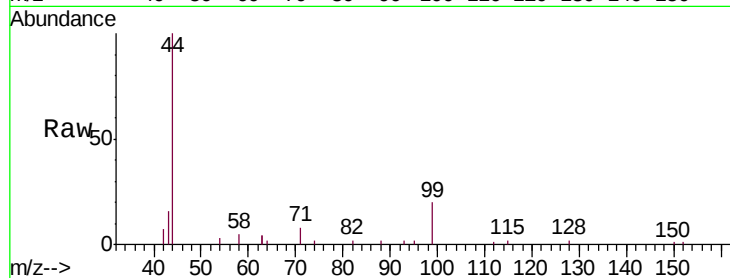
Tgt Ion: 99 Resp: 1251

Ion Ratio Lower Upper

99 100

42 20.6 20.2 30.2

71 34.0 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

6.61

800

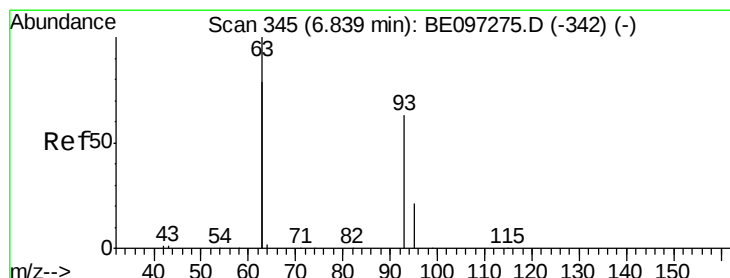
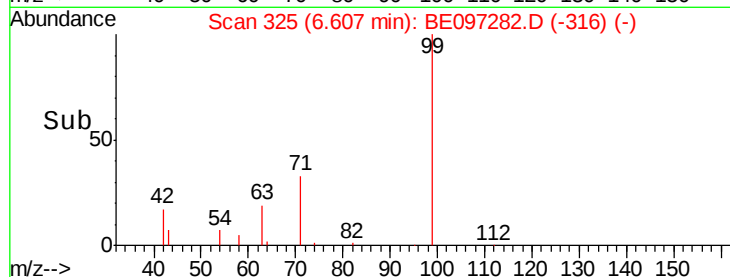
600

400

200

0

Time--> 6.50 6.55 6.60 6.65 6.70



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

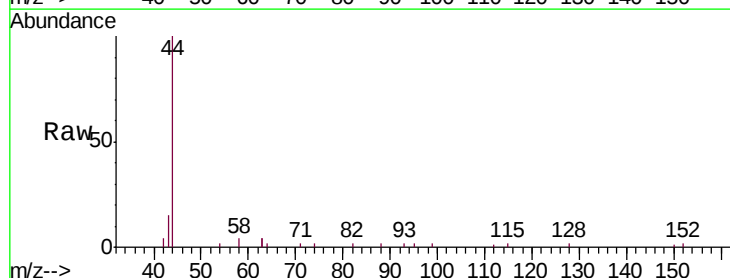
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 320.0 275.3 412.9

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

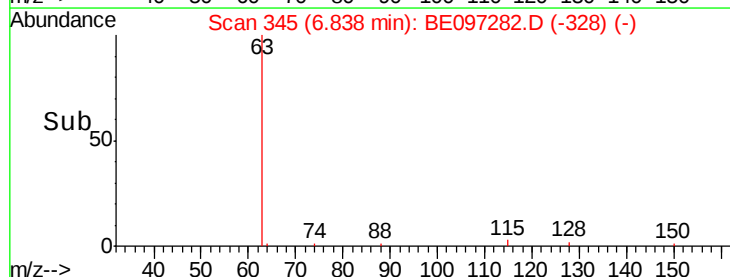
300

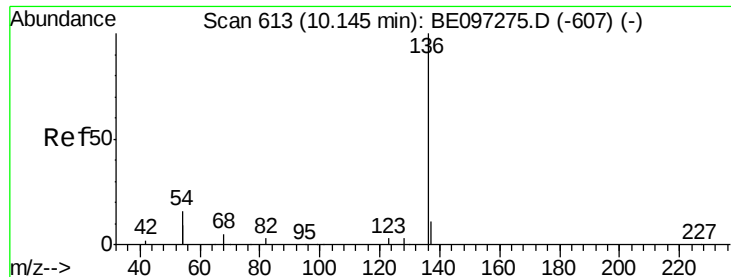
200

100

0

Time--> 6.80 6.85 6.90





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

Tgt Ion: 136 Resp: 4034

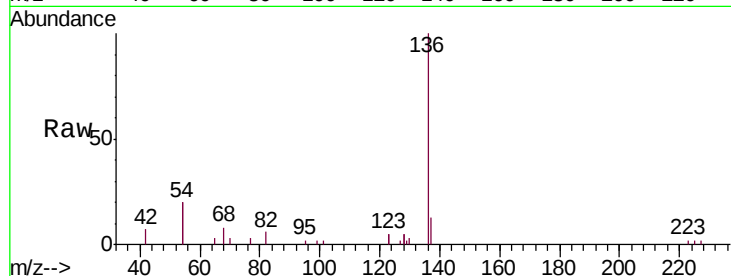
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 39.4 29.1 43.7

68 8.3 6.2 9.2

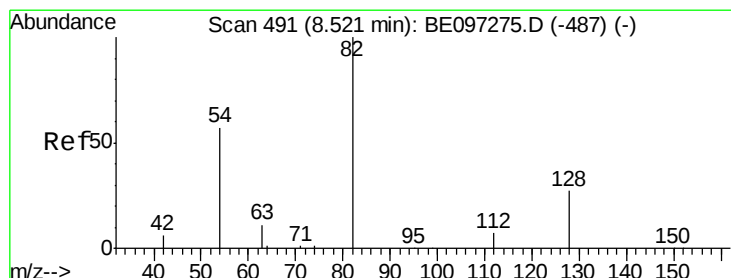
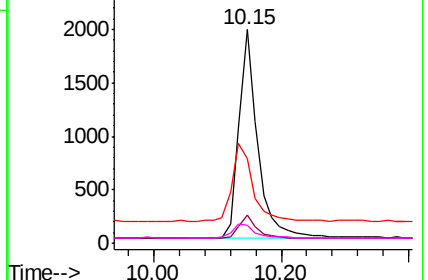
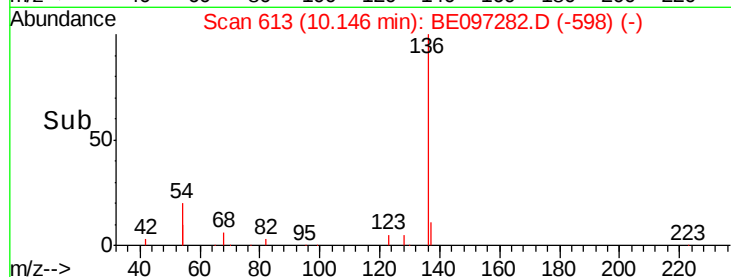


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

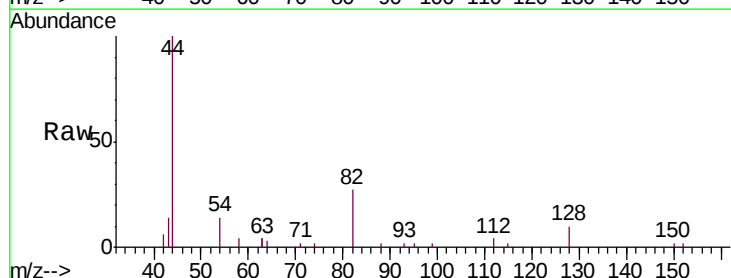
Tgt Ion: 82 Resp: 1451

Ion Ratio Lower Upper

82 100

128 35.9 24.0 36.0

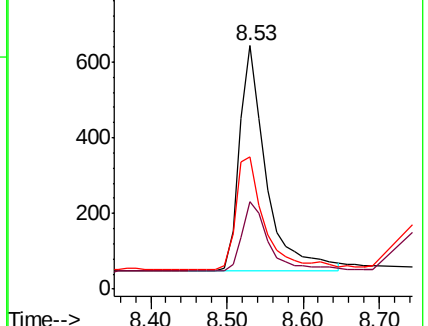
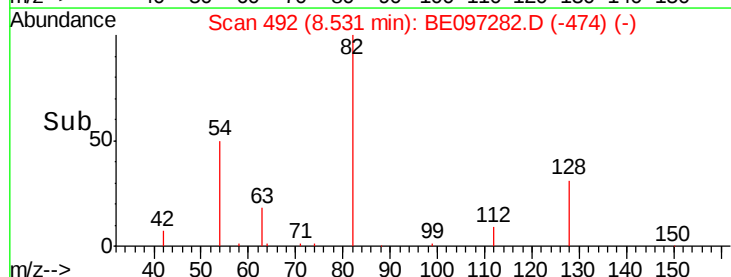
54 54.4 40.0 60.0

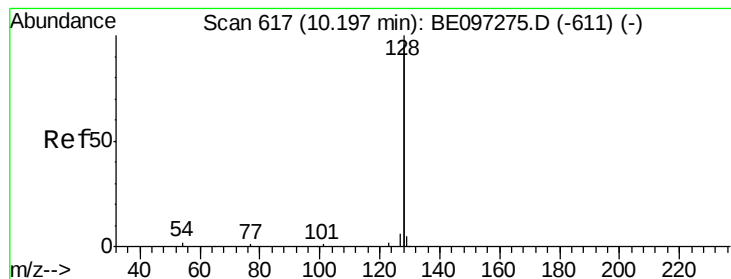


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.002 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097282.D

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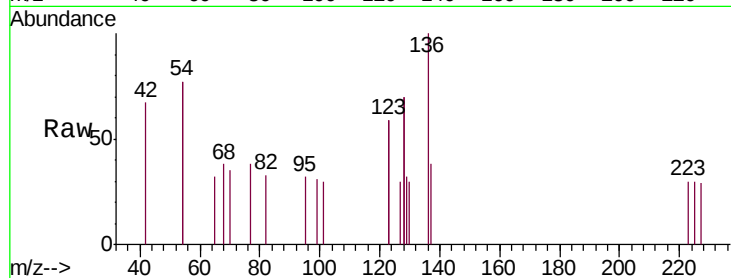
Tgt Ion:128 Resp: 90

Ion Ratio Lower Upper

128 100

129 22.6 2.6 3.8#

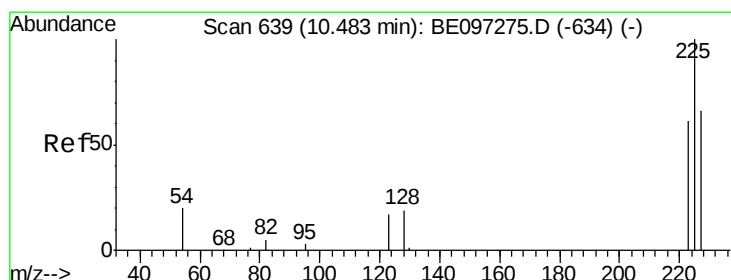
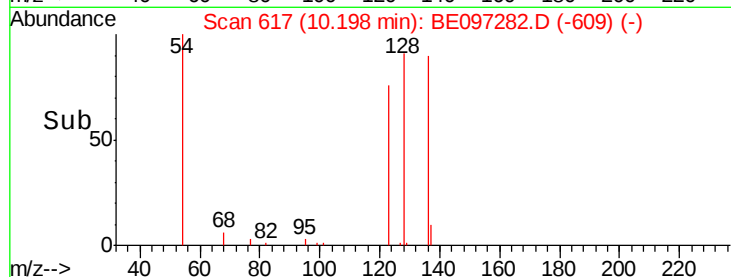
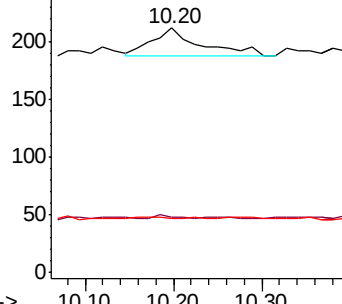
127 21.7 2.8 4.2#



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: 0.003 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

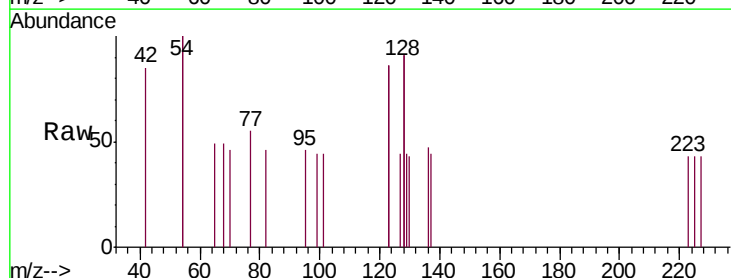
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

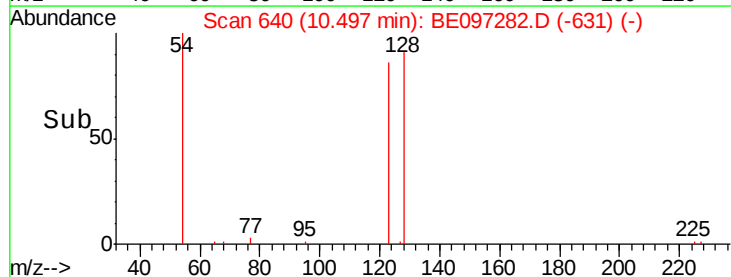
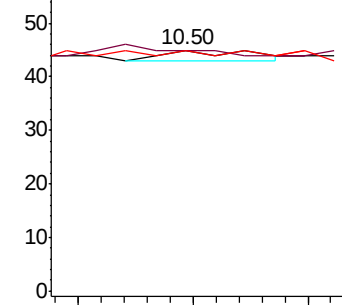
227 0.0 51.4 77.2#

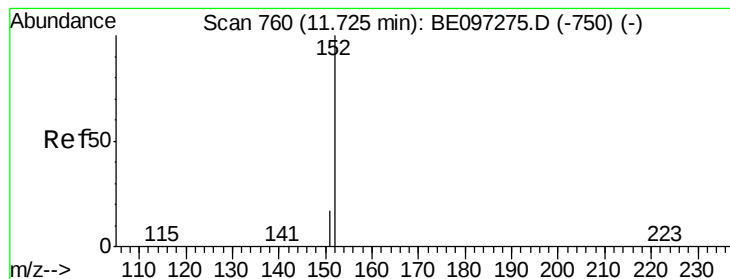


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

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ClientSampleId :

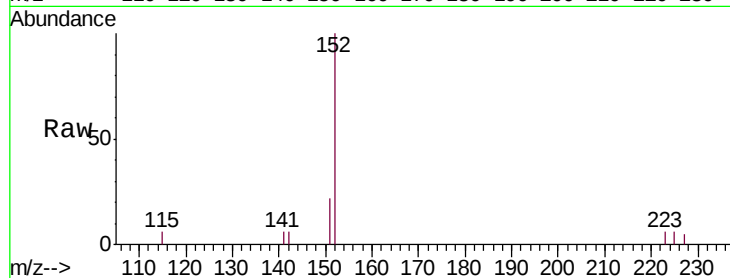
PB112028BL

Tgt Ion:152 Resp: 2247

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

800

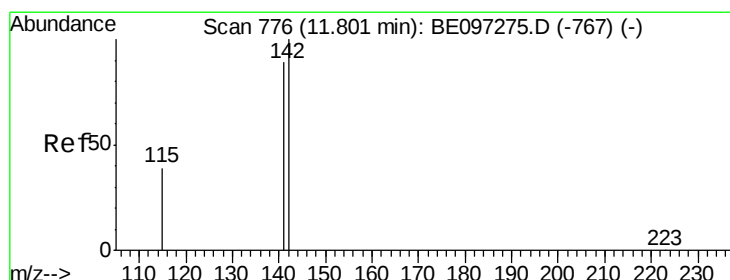
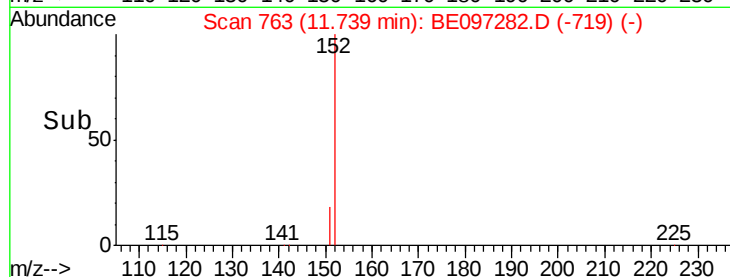
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 11.80 min Scan# 776

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

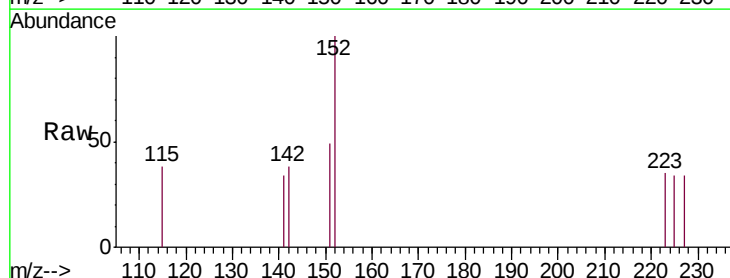
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 91.7 70.4 105.6

115 102.1 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

11.80

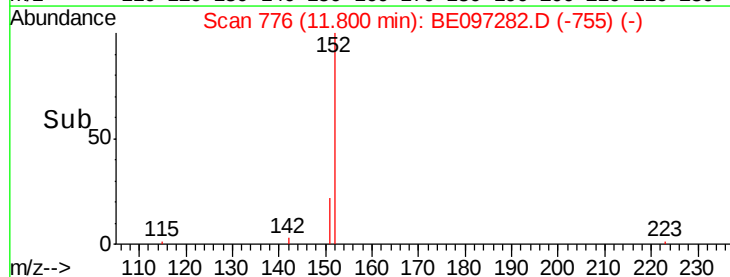
60

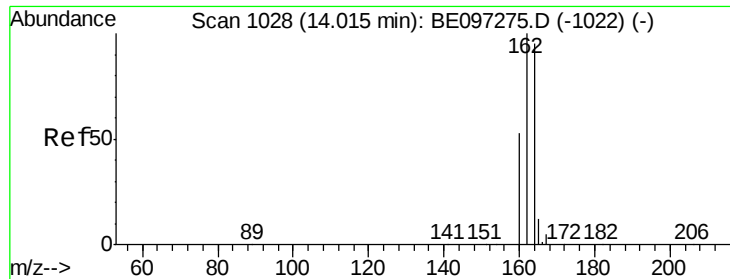
40

20

0

Time--> 11.79 11.80





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

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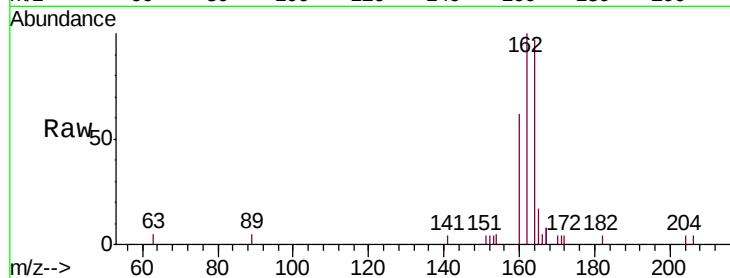
Tgt Ion:164 Resp: 2056

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

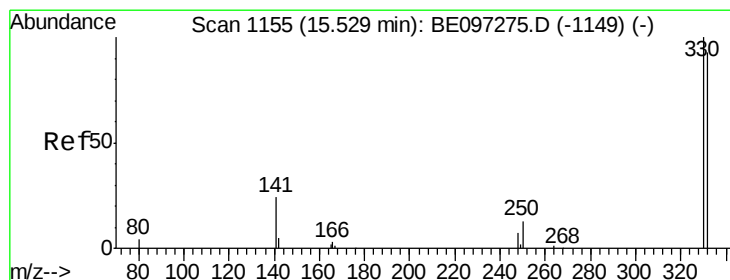
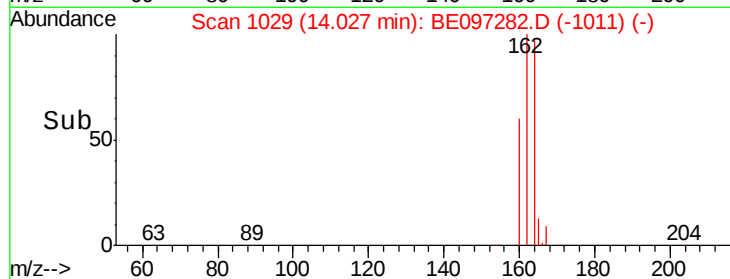
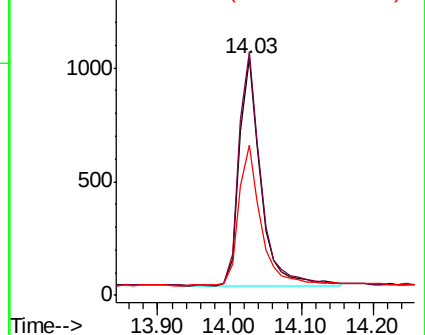
160 63.2 37.1 55.7#



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: 0.316 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

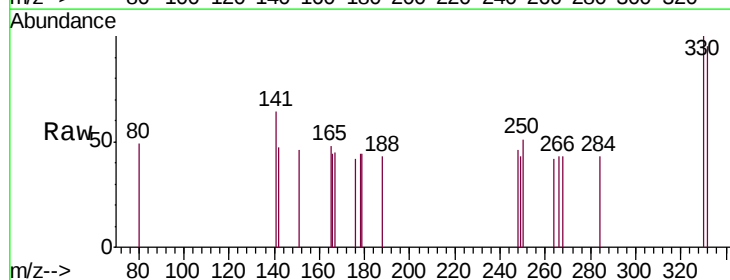
Tgt Ion:330 Resp: 163

Ion Ratio Lower Upper

330 100

332 93.3 152.7 229.1#

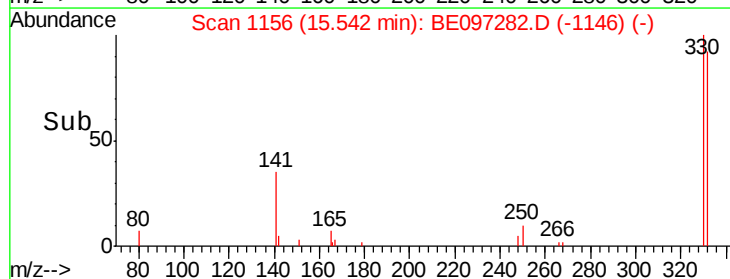
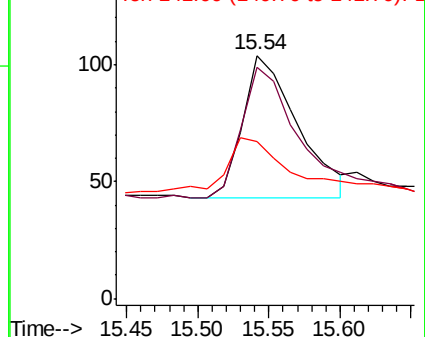
141 39.3 33.7 50.5

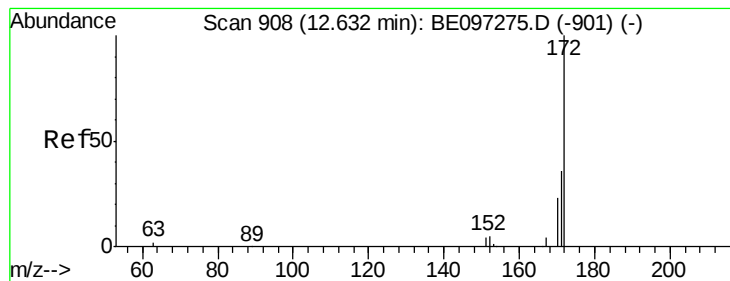


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.450 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

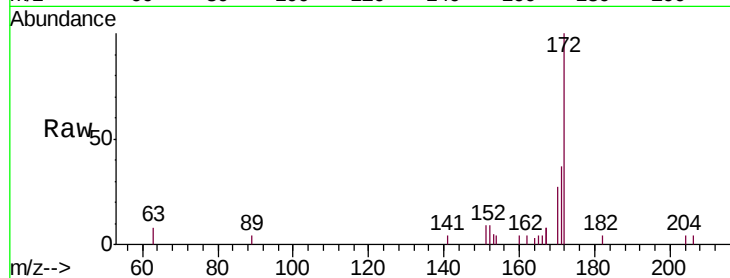
Tgt Ion:172 Resp: 3476

Ion Ratio Lower Upper

172 100

171 37.1 29.9 44.9

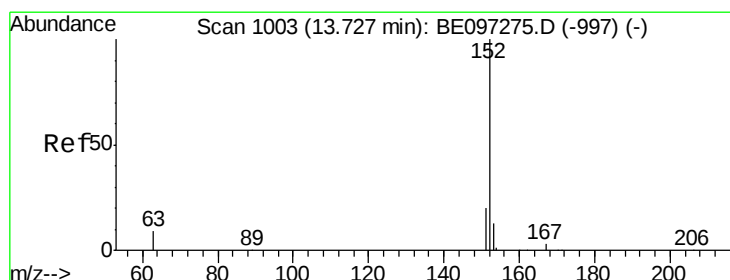
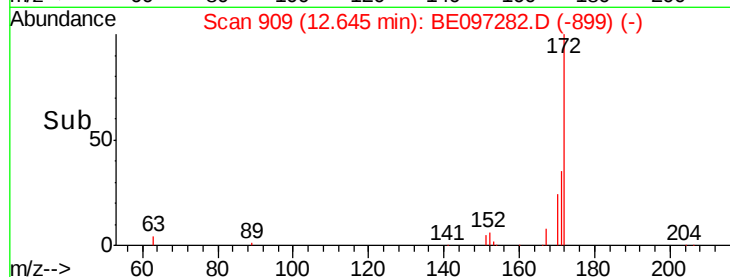
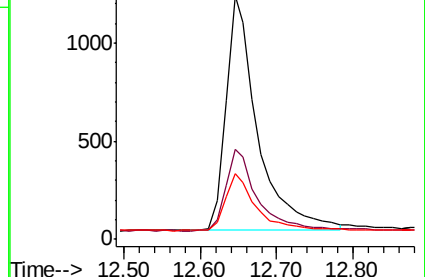
170 26.9 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.002 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

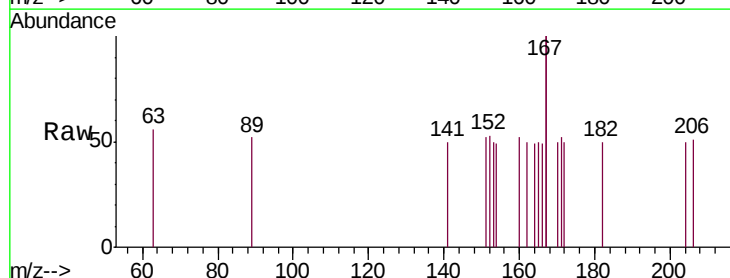
Tgt Ion:152 Resp: 16

Ion Ratio Lower Upper

152 100

151 25.0 15.7 23.5#

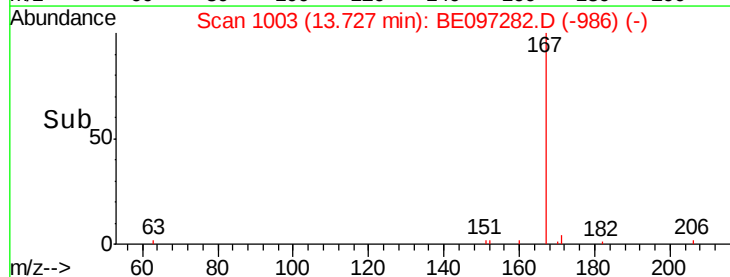
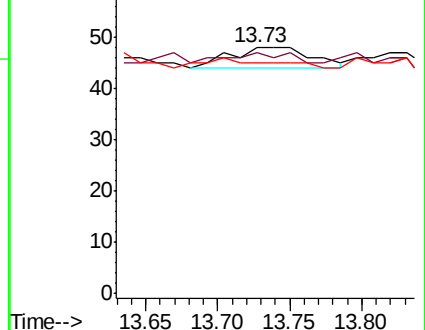
153 0.0 10.5 15.7#

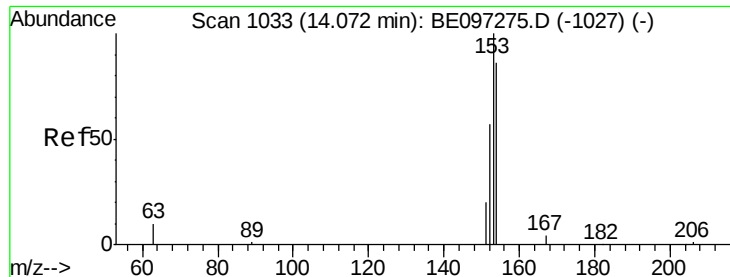


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.03 min Scan# 1029

Delta R.T. -0.05 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

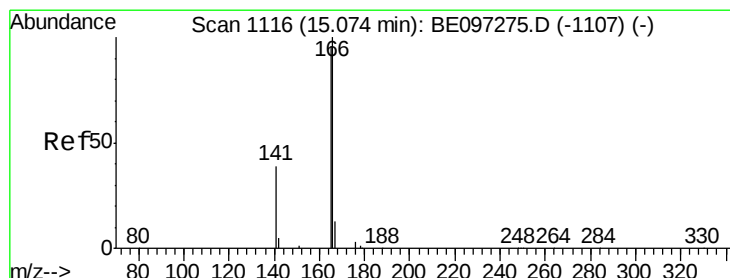
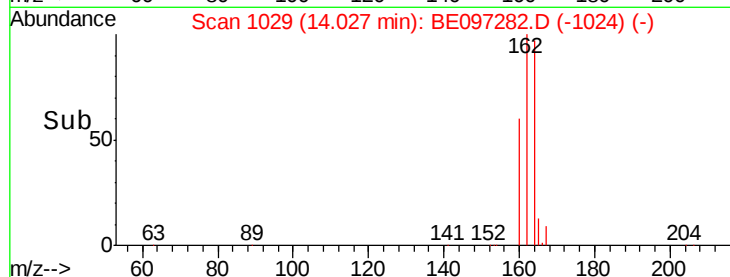
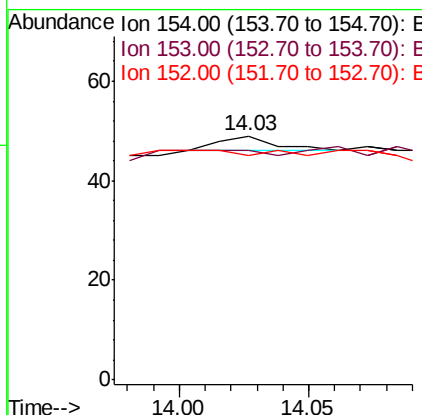
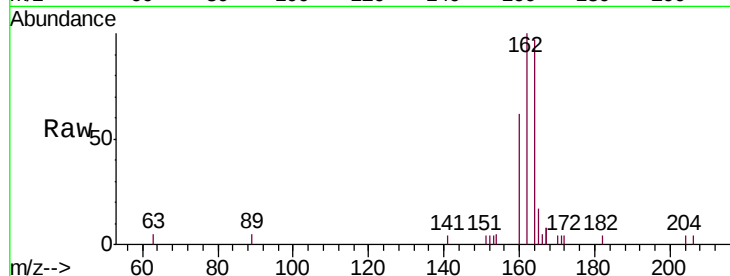
Instrument :

BNA_E

ClientSampleId :

PB112028BL

Tgt Ion:	154	Resp:	5
Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	40.0	42.0	63.0#



#18

Fluorene

Concen: 0.001 ng

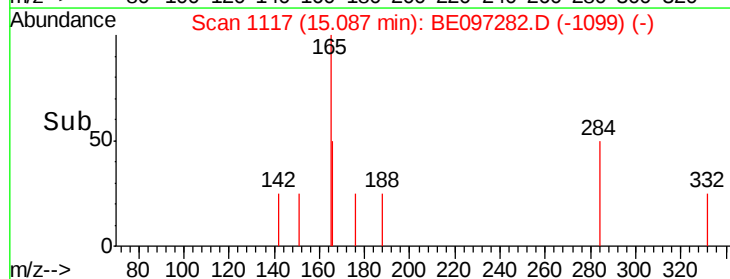
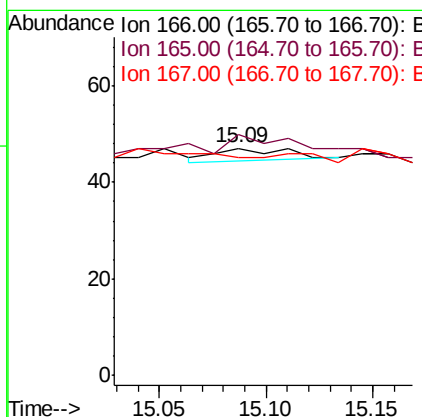
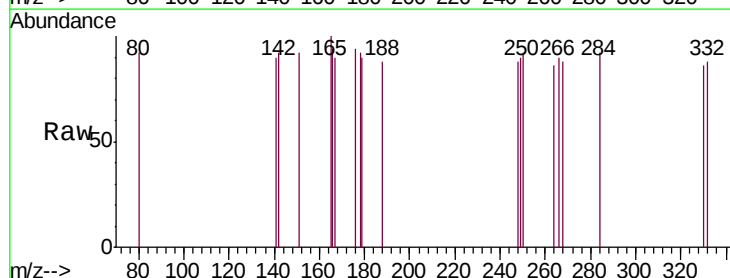
RT: 15.09 min Scan# 1117

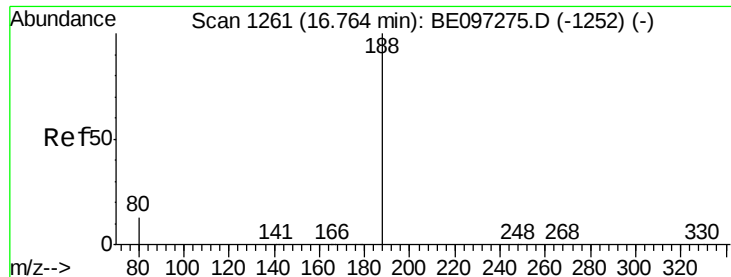
Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Tgt Ion:	166	Resp:	6
Ion	Ratio	Lower	Upper
166	100		
165	300.0	77.8	116.6#
167	0.0	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

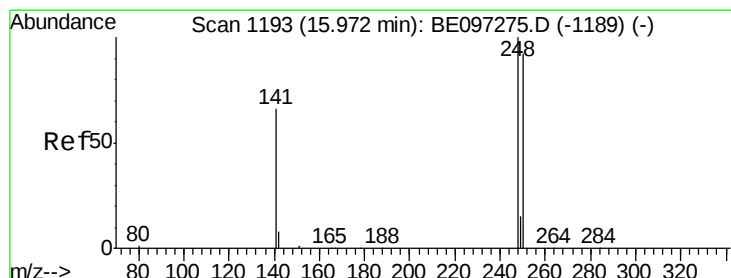
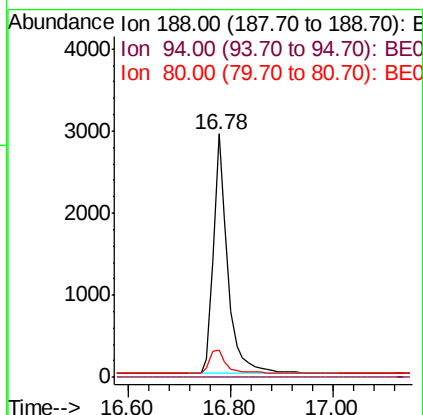
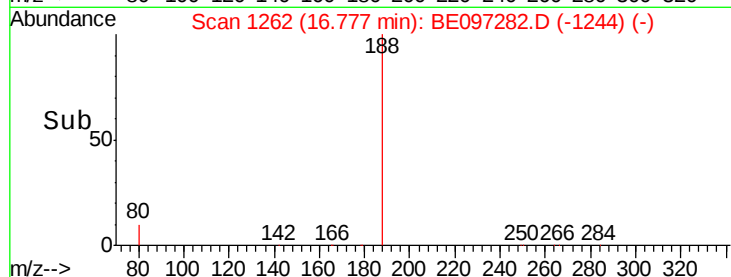
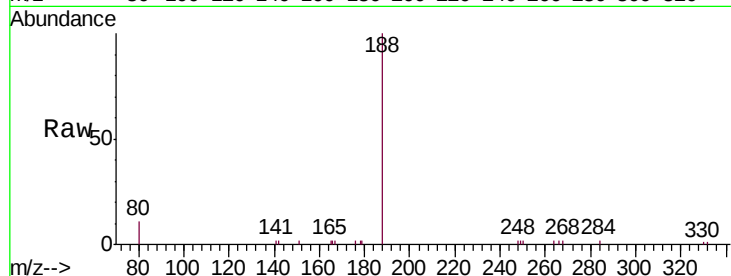
Tgt Ion:188 Resp: 5732

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.5 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 15.98 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

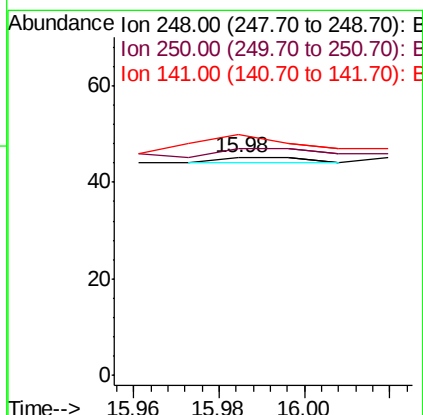
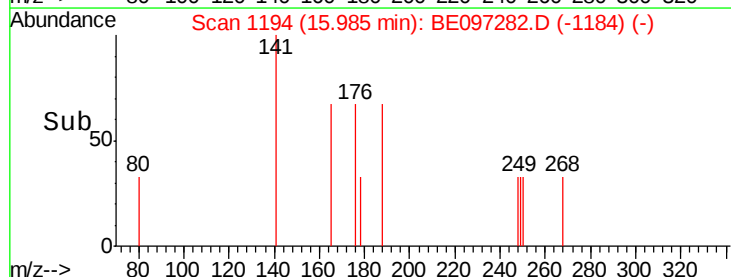
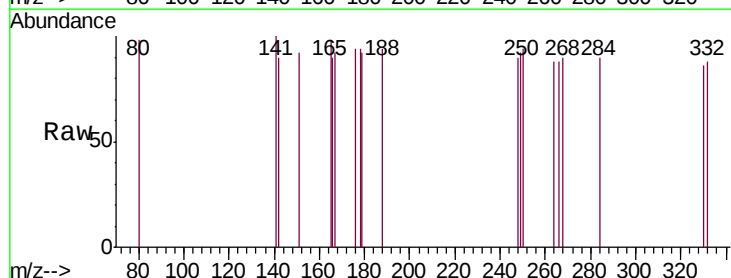
Tgt Ion:248 Resp: 1

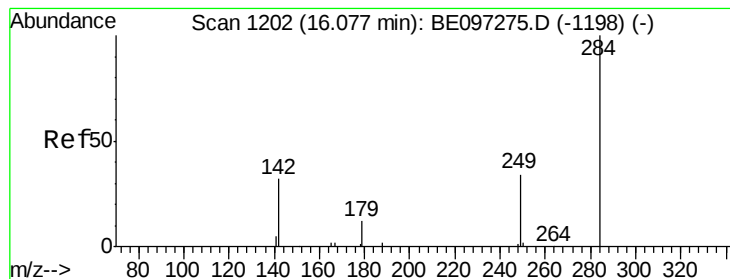
Ion Ratio Lower Upper

248 100

250 104.4 62.7 94.1#

141 111.1 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.05 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

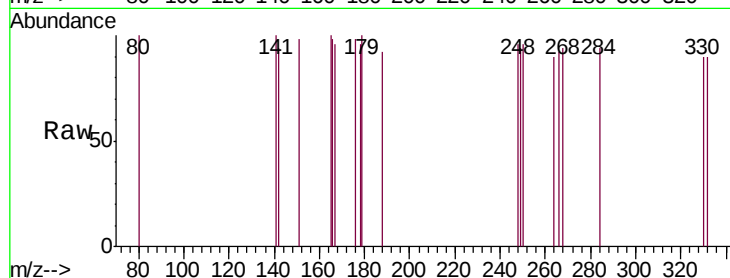
Instrument :

BNA_E

ClientSampleId :

PB112028BL

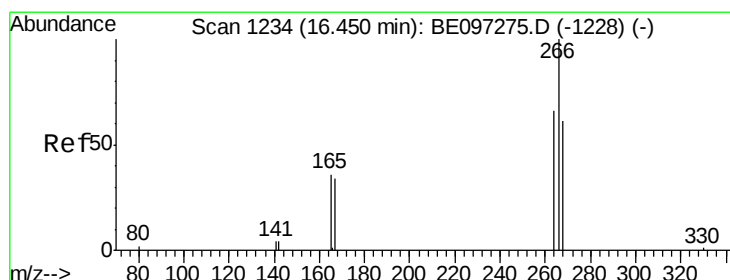
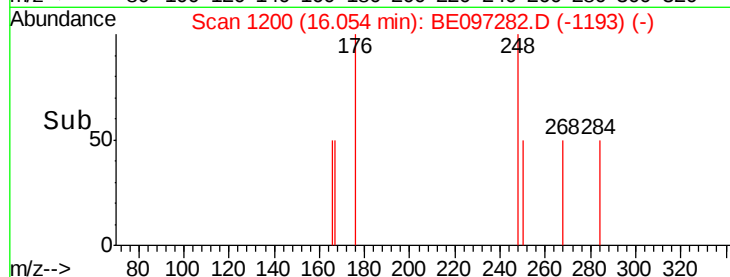
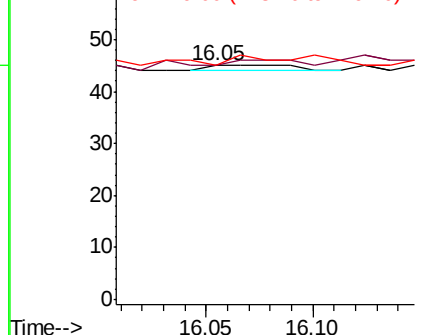
Tgt Ion:	284	Resp:	3
Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	100.0	34.8	52.2#



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: 0.004 ng

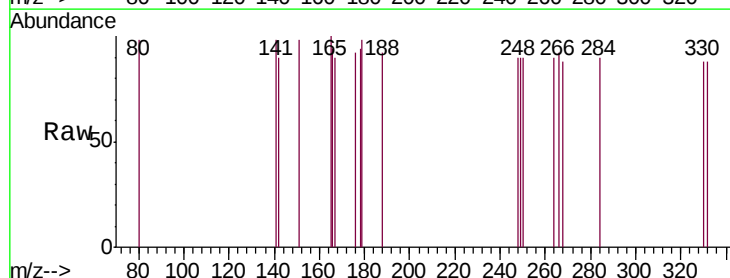
RT: 16.43 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

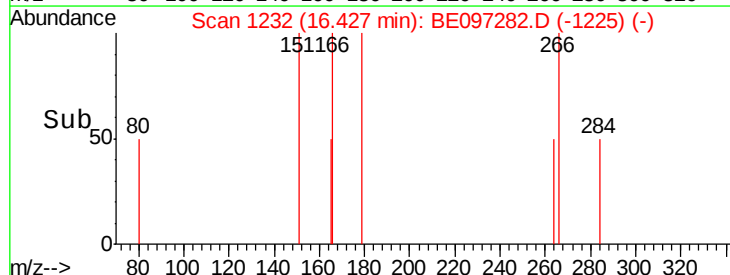
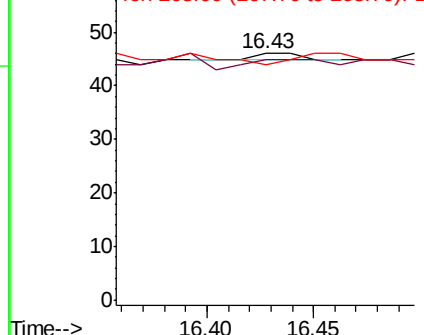
Tgt Ion:	266	Resp:	1
Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	95.7	73.8	110.6

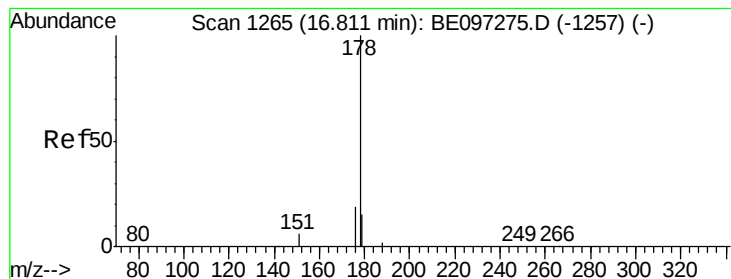


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.004 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

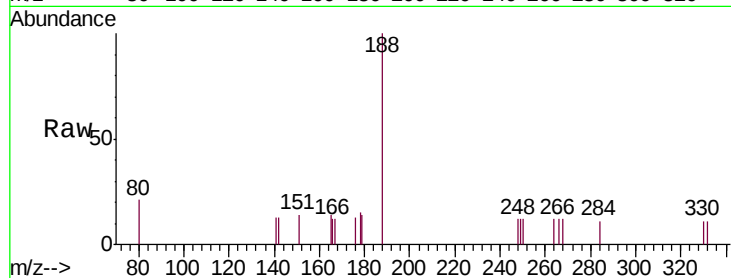
Tgt Ion:178 Resp: 52

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

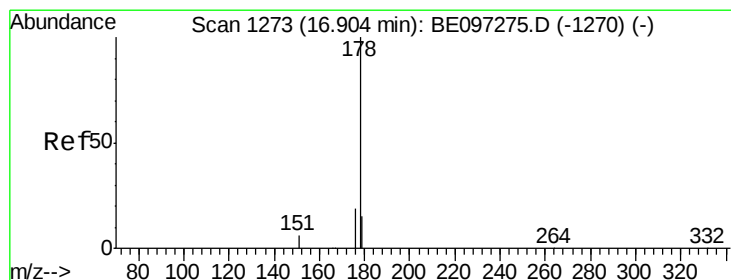
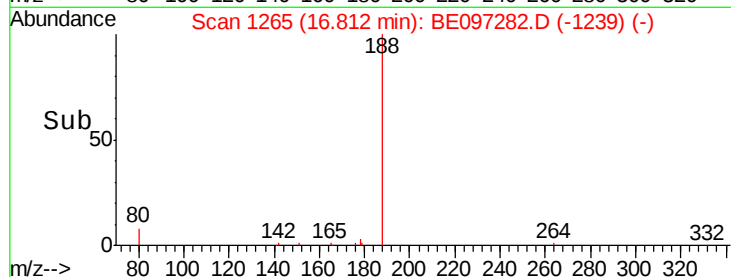
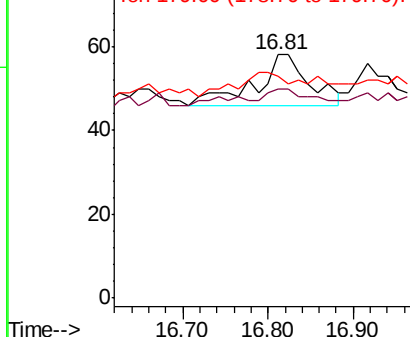
179 0.0 11.8 17.6#



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: 0.001 ng

RT: 16.92 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

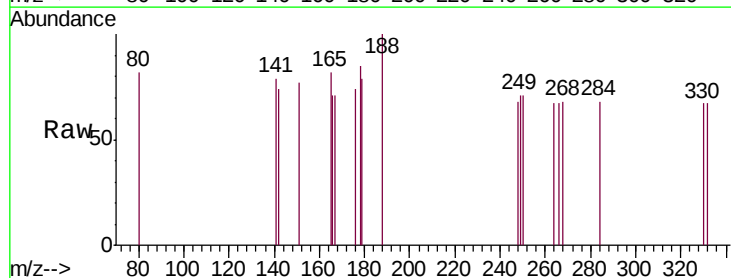
Tgt Ion:178 Resp: 13

Ion Ratio Lower Upper

178 100

176 15.4 12.8 19.2

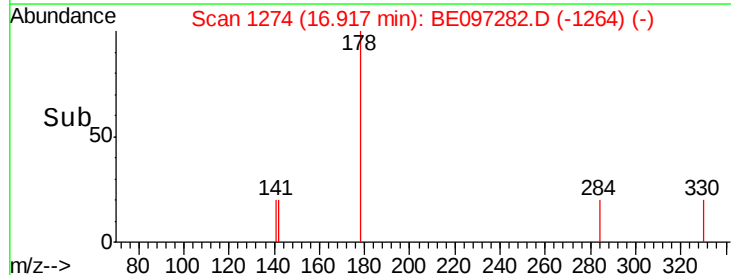
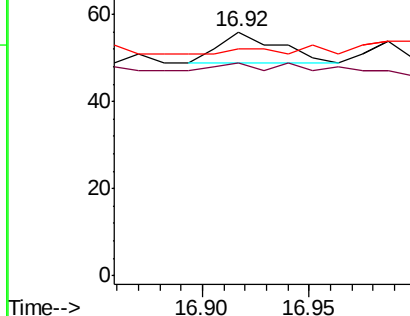
179 7.7 13.0 19.6#

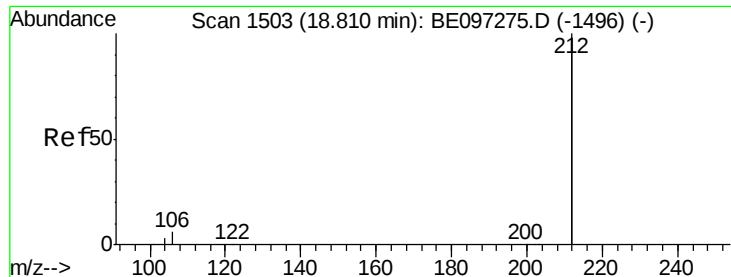


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

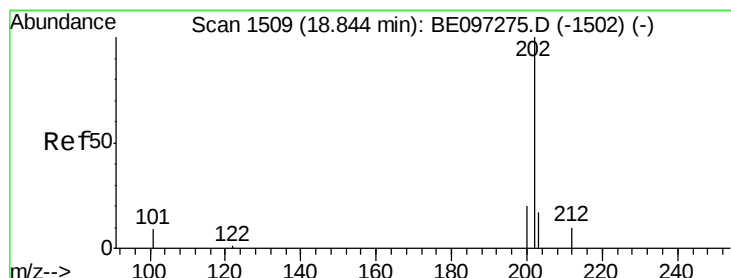
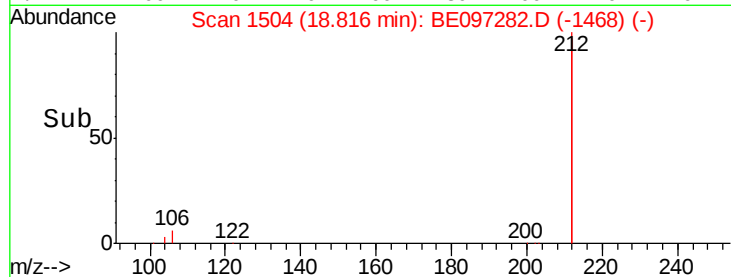
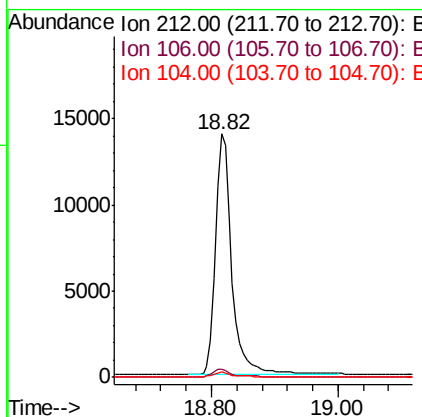
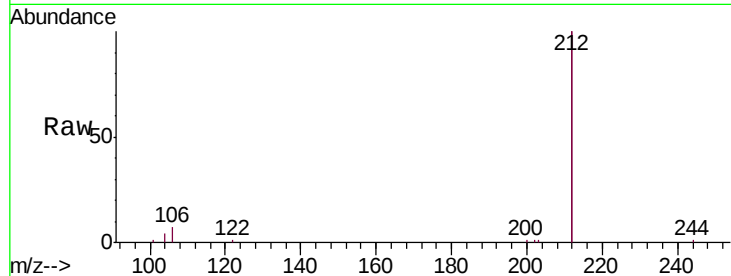




#25
 Fluoranthene-d10
 Concen: 0.427 ng
 RT: 18.82 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BE097282.D
 Acq: 15 Aug 2018 17:08

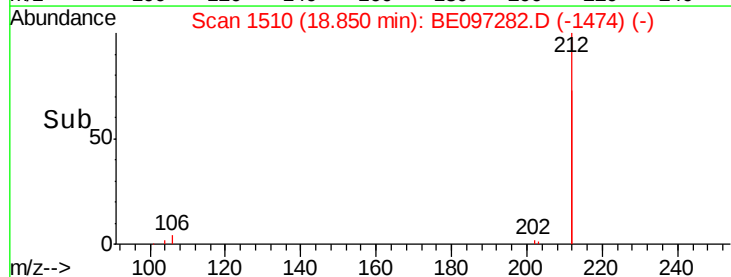
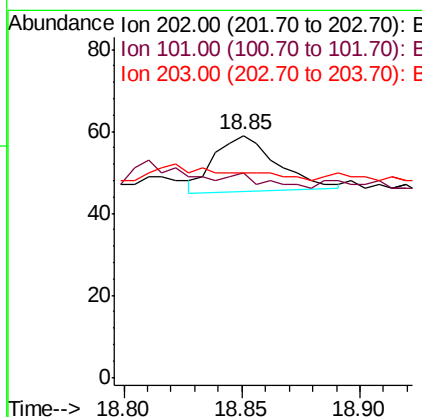
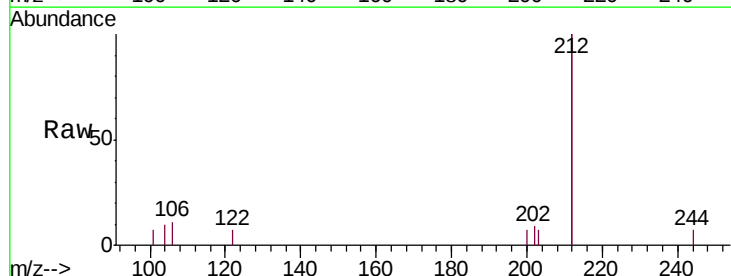
Instrument :
 BNA_E
 ClientSampleId :
 PB112028BL

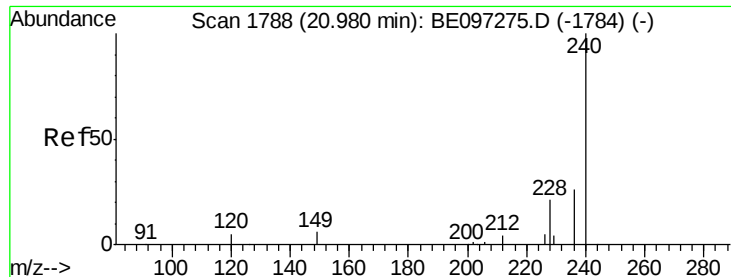
Tgt Ion:212 Resp: 24451
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 1.6 2.4



#26
 Fluoranthene
 Concen: 0.002 ng
 RT: 18.85 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BE097282.D
 Acq: 15 Aug 2018 17:08

Tgt Ion:202 Resp: 25
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.8 14.8#
 203 0.0 13.7 20.5#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

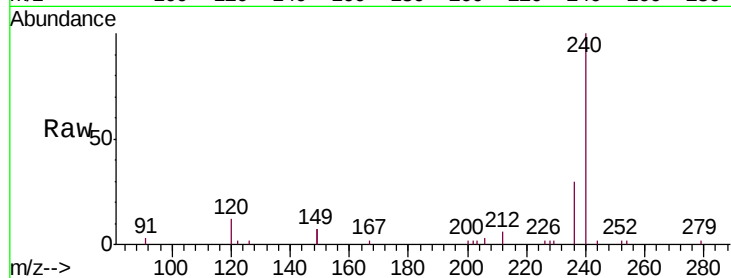
Tgt Ion:240 Resp: 4984

Ion Ratio Lower Upper

240 100

120 12.1 5.5 8.3#

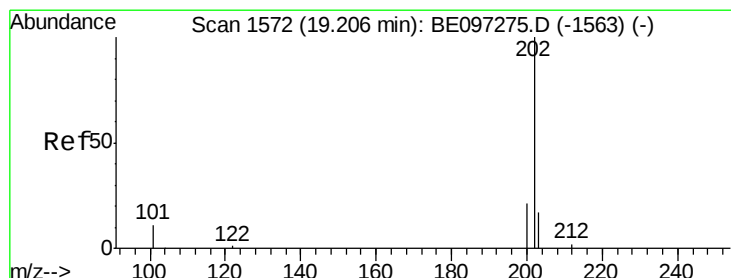
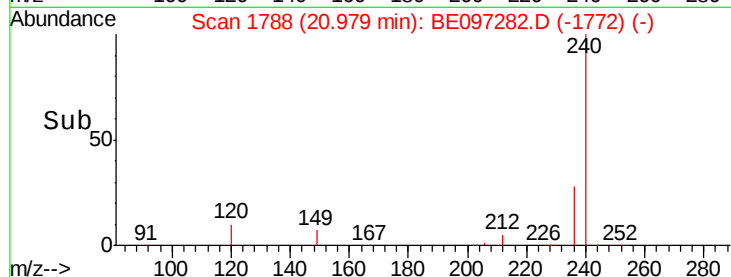
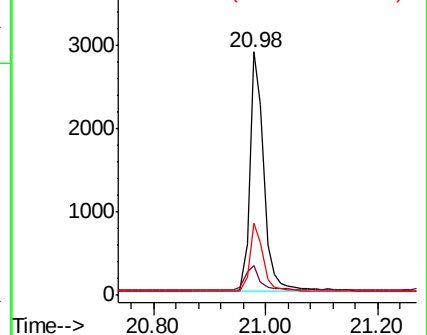
236 29.5 20.7 31.1



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



#28

Pyrene

Concen: 0.002 ng

RT: 19.21 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

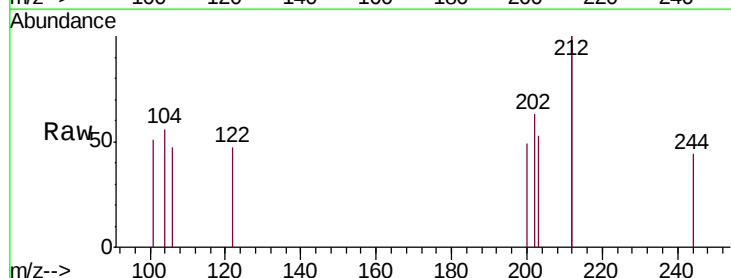
Tgt Ion:202 Resp: 30

Ion Ratio Lower Upper

202 100

200 23.3 16.6 25.0

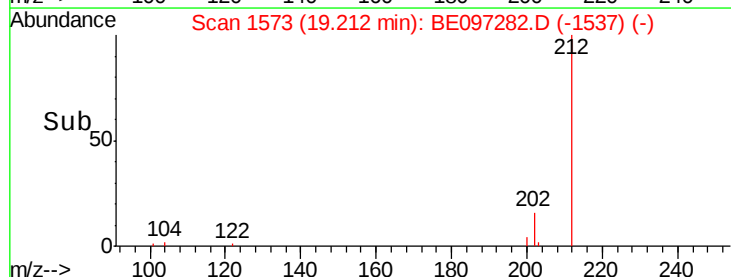
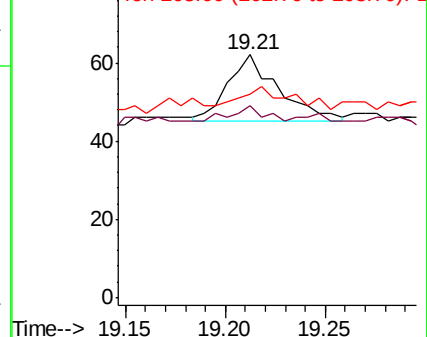
203 33.3 13.8 20.8#

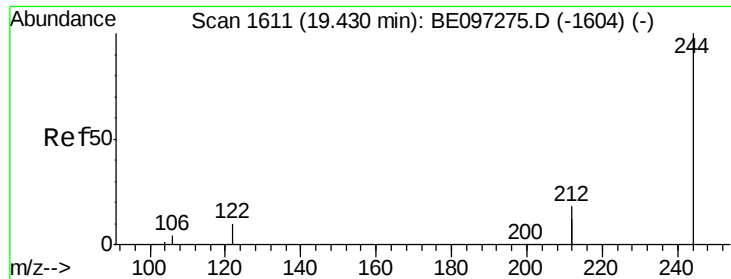


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

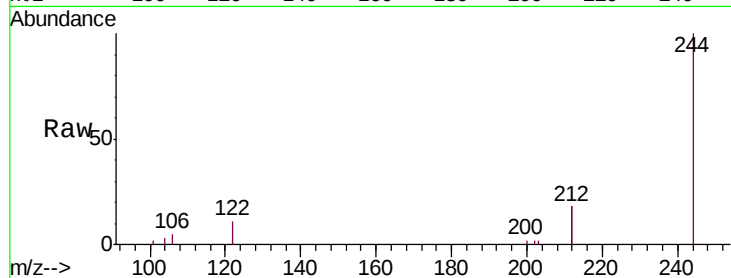
Tgt Ion:244 Resp: 3892

Ion Ratio Lower Upper

244 100

212 35.9 25.4 38.0

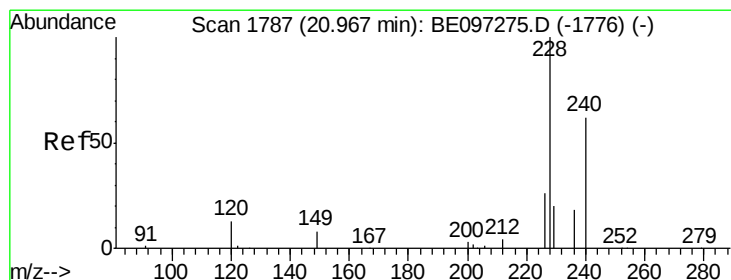
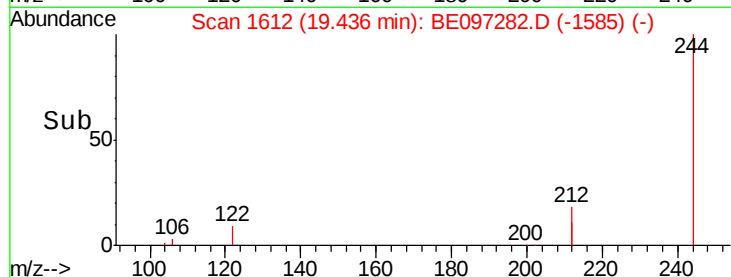
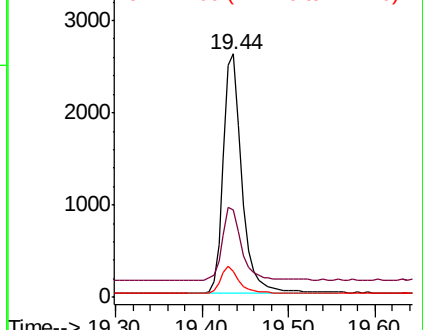
122 10.8 8.1 12.1



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: 0.003 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

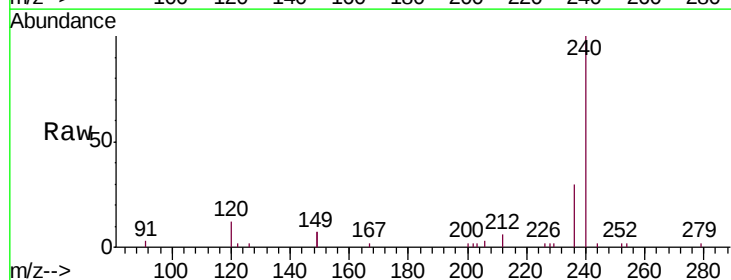
Tgt Ion:228 Resp: 36

Ion Ratio Lower Upper

228 100

226 85.7 24.0 36.0#

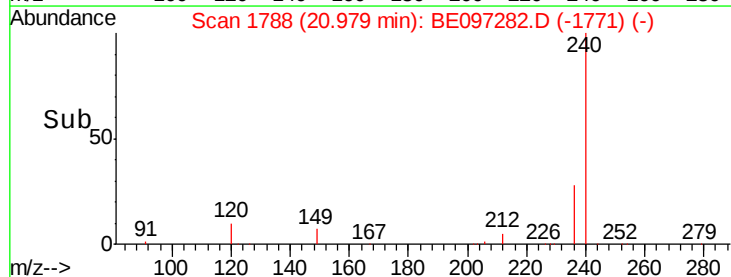
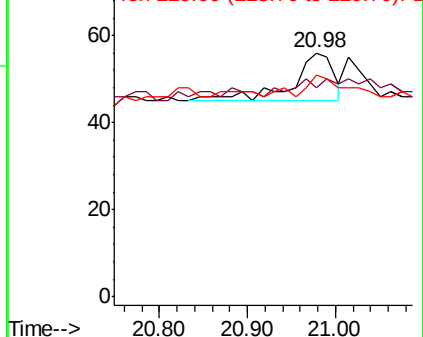
229 91.1 16.0 24.0#

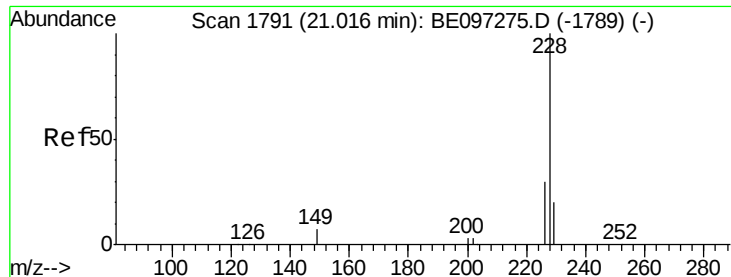


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.002 ng

RT: 20.98 min Scan# 1788

Delta R.T. -0.04 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

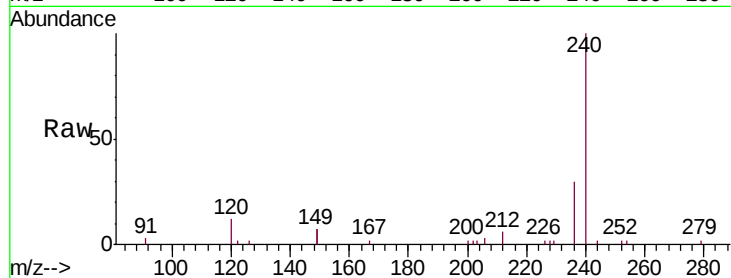
Tgt Ion:228 Resp: 20

Ion Ratio Lower Upper

228 100

226 85.7 24.0 36.0#

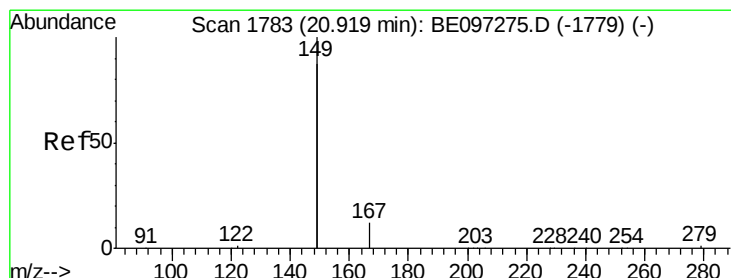
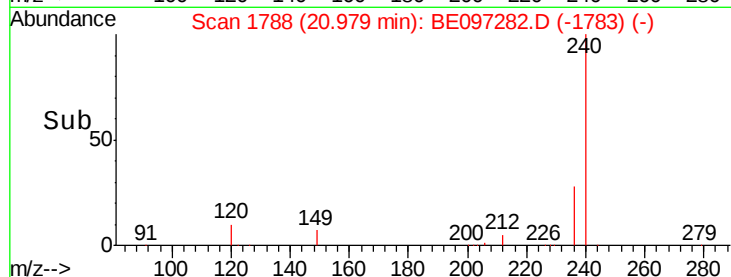
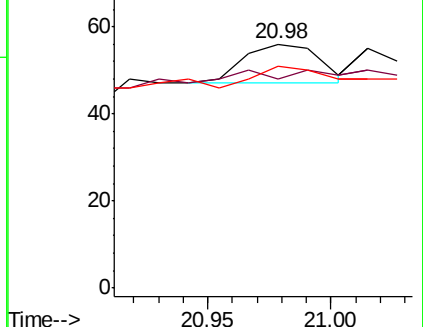
229 91.1 16.0 24.0#



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: 0.031 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

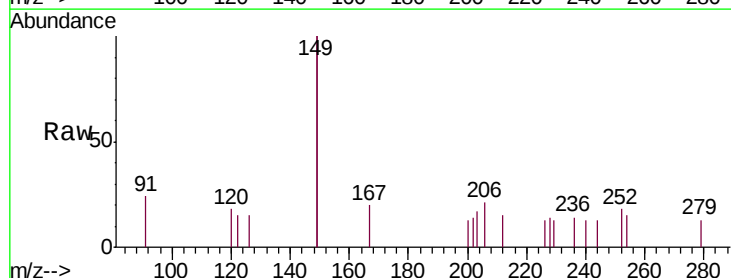
Tgt Ion:149 Resp: 505

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

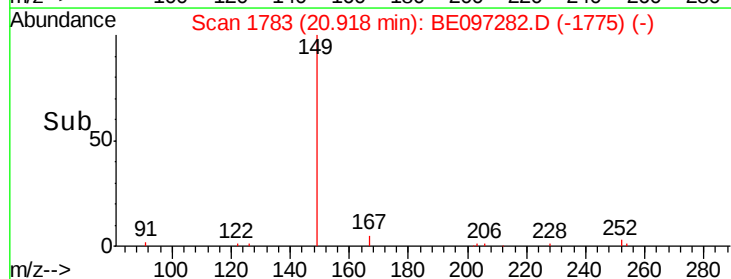
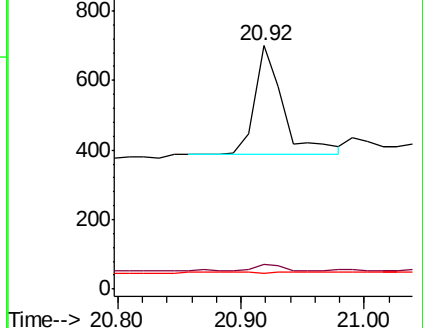
279 0.8 0.7 1.1

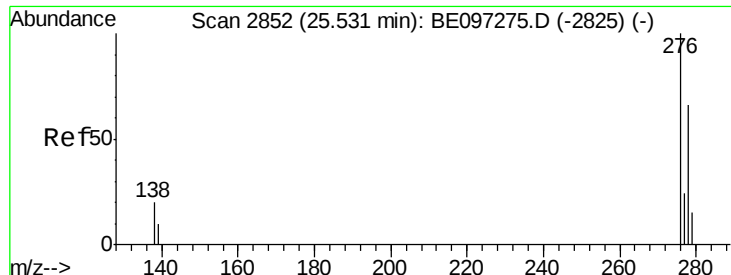


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 25.52 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE097282.D

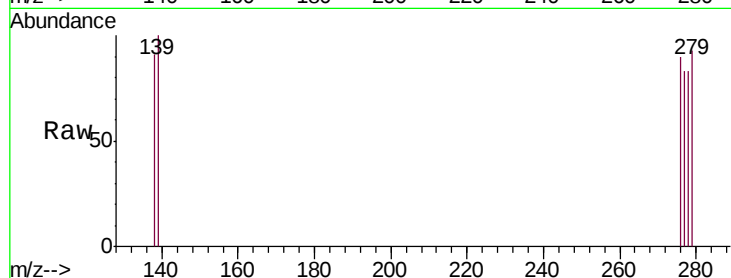
Acq: 15 Aug 2018 17:08

Instrument :

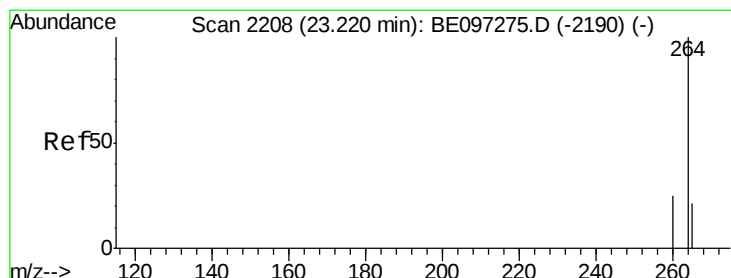
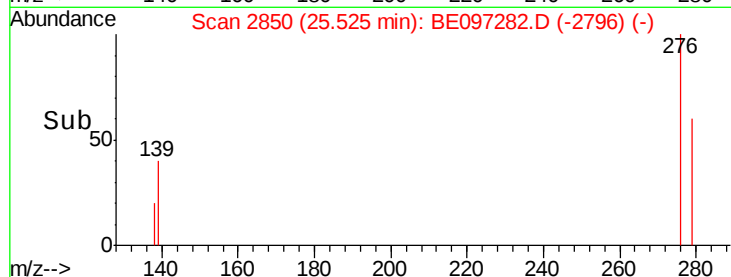
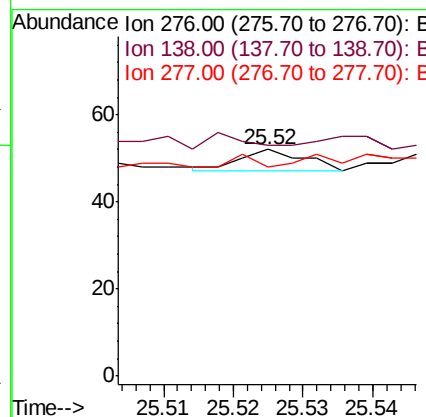
BNA_E

ClientSampleId :

PB112028BL



Tgt Ion:	276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
138	66.7	22.5	33.7#
277	33.3	19.9	29.9#



#34

Perylene-d12

Concen: 0.400 ng

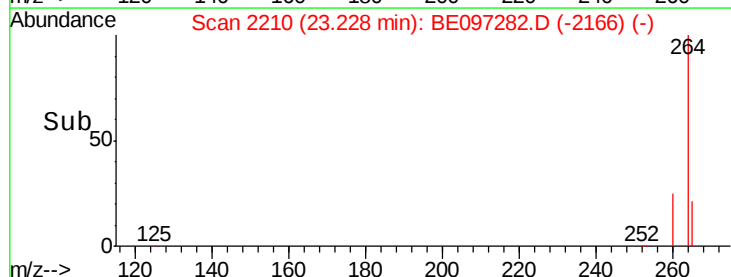
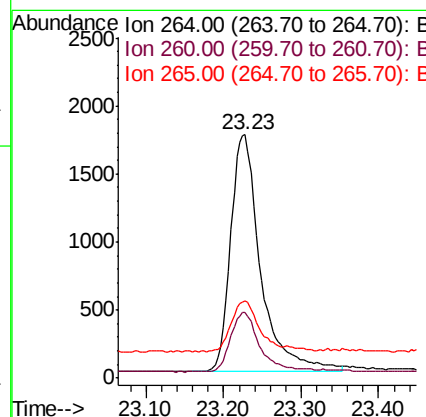
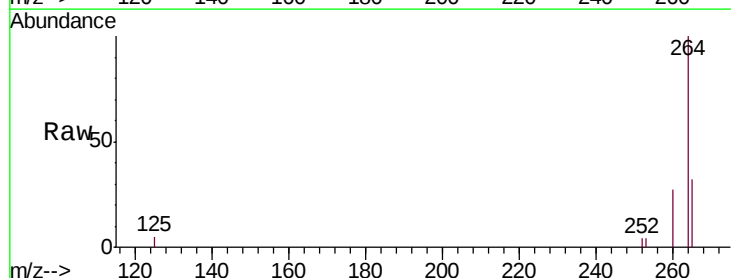
RT: 23.23 min Scan# 2210

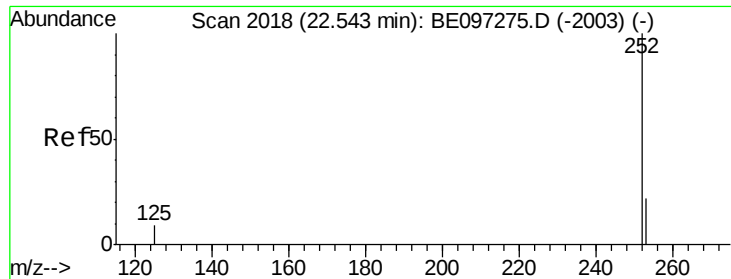
Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Tgt Ion:	264	Resp:	4685
Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	31.6	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 22.55 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL

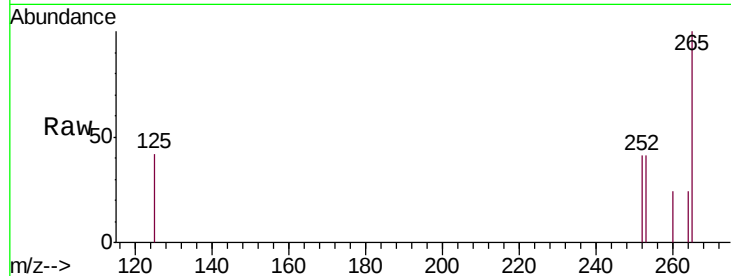
Tgt Ion:252 Resp: 23

Ion Ratio Lower Upper

252 100

253 100.0 20.0 30.0#

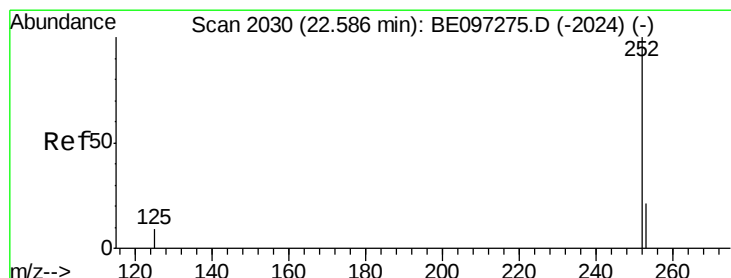
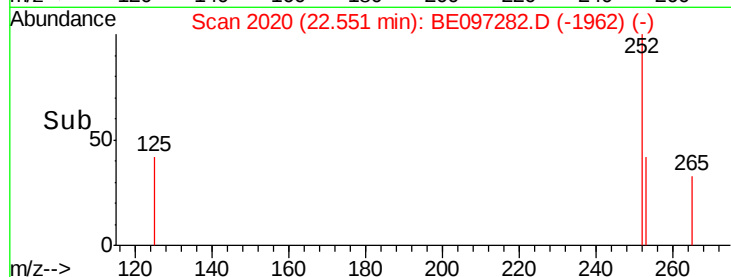
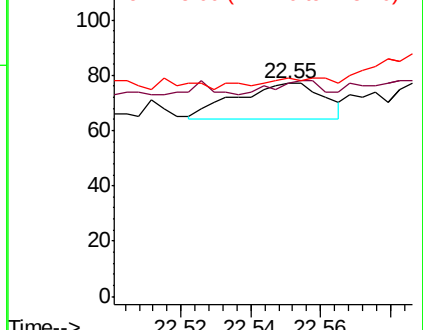
125 102.6 16.0 24.0#



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: 0.001 ng

RT: 22.59 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

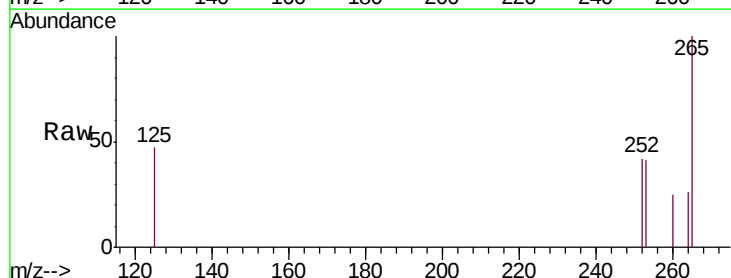
Tgt Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 98.7 16.0 24.0#

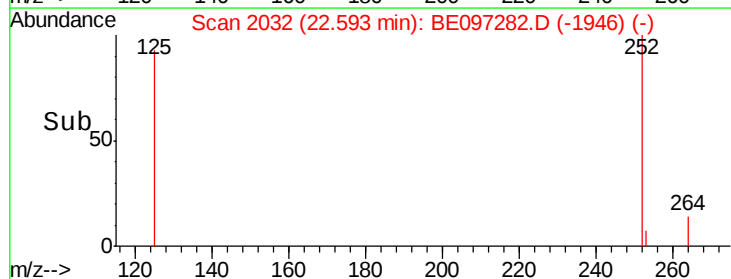
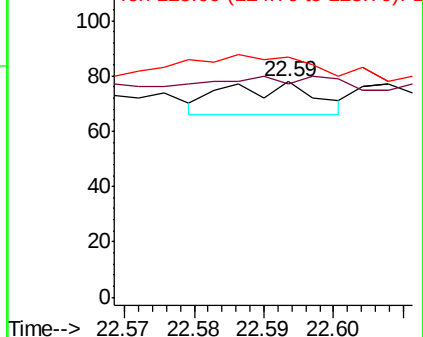
125 111.5 8.0 12.0#

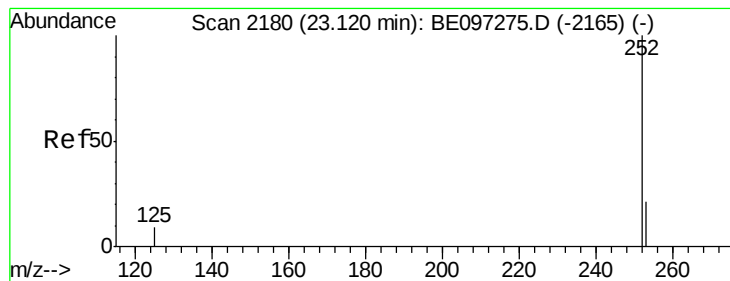


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

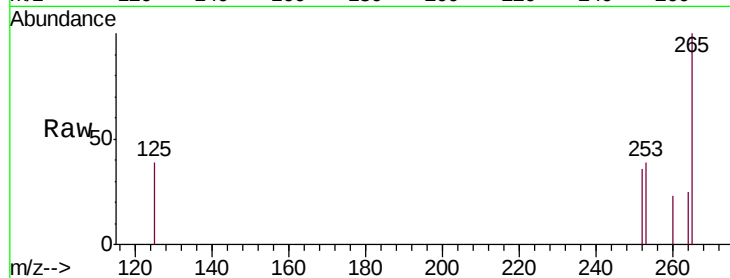
Instrument :

BNA_E

ClientSampleId :

PB112028BL

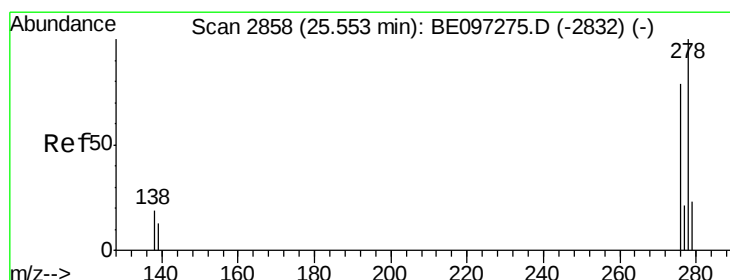
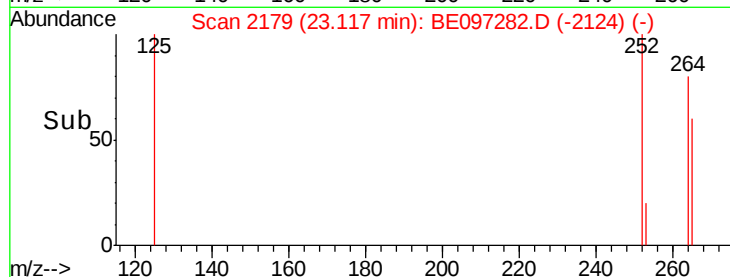
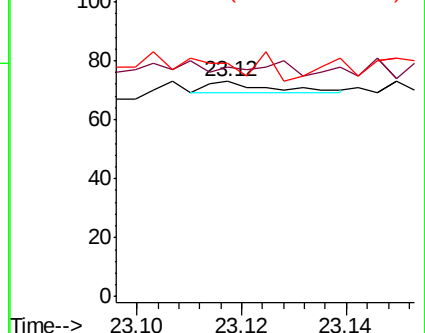
Tgt Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	106.8	16.0	24.0#
125	108.2	12.0	18.0#



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: 0.000 ng

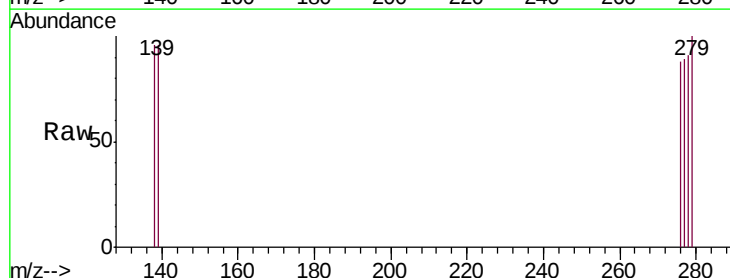
RT: 25.56 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BE097282.D

Acq: 15 Aug 2018 17:08

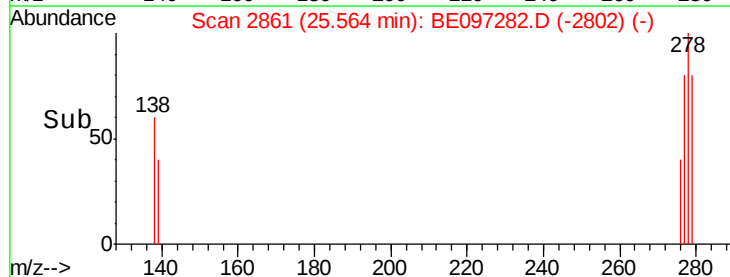
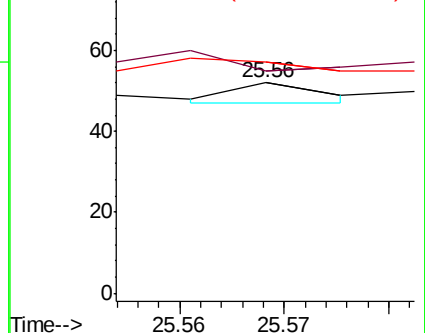
Tgt Ion:	278	Resp:	1
Ion	Ratio	Lower	Upper
278	100		
139	105.8	16.0	24.0#
279	109.6	20.0	30.0#

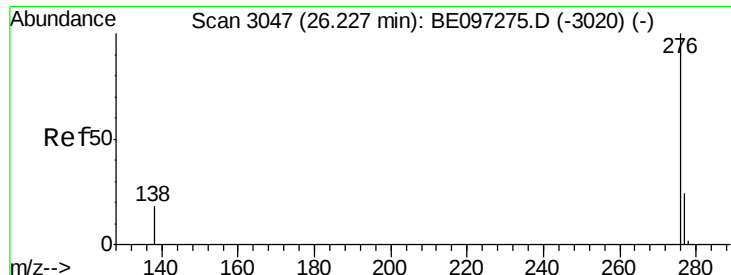


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.000 ng

RT: 26.24 min Scan# 3051

Delta R.T. 0.01 min

Lab File: BE097282.D

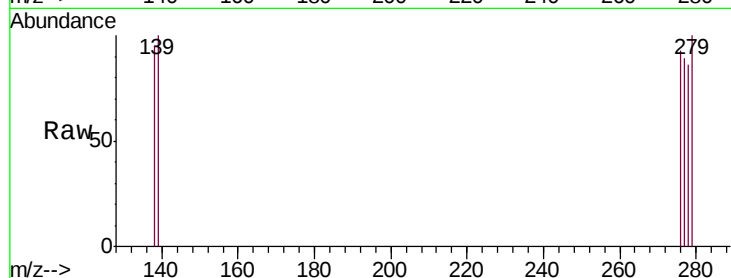
Acq: 15 Aug 2018 17:08

Instrument :

BNA_E

ClientSampleId :

PB112028BL



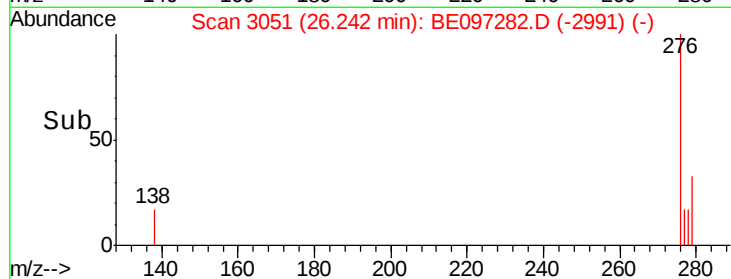
Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 96.2 16.0 24.0#

138 101.9 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

