

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
 Data File : BE097792.D
 Acq On : 8 Oct 2018 13:45
 Operator : SJ/JU
 Sample : J5284-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001MS

Quant Time: Oct 09 06:56:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3986	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15714	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8252	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	22483	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	35310	0.40	ng	-0.01
34) Perylene-d12	24.02	264	33317	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1559	0.17	ng	0.00
5) Phenol-d6	7.04	99	1357	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	3364	0.66	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	10282	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	689	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	18925	0.52	ng	-0.02
25) Fluoranthene-d10	19.32	212	130690	0.46	ng	-0.01
29) Terphenyl-d14	19.92	244	29093	0.40	ng	-0.01

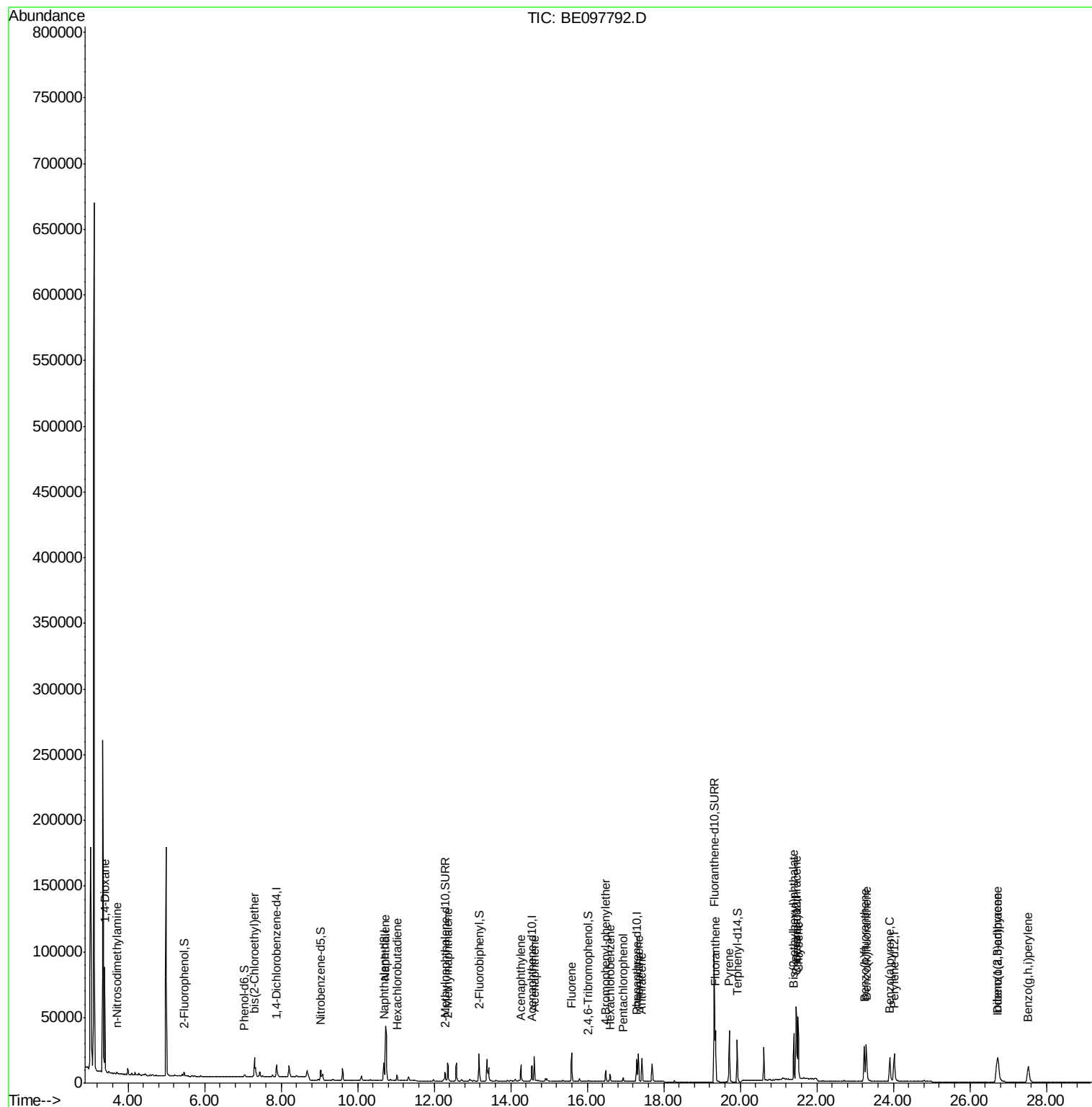
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	46898	5.905	ng	96
3) n-Nitrosodimethylamine	3.70	42	1010	0.140	ng	# 86
6) bis(2-Chloroethyl)ether	7.31	93	5760	0.385	ng	99
9) Naphthalene	10.73	128	71824	0.454	ng	100
10) Hexachlorobutadiene	11.03	225	2954	0.351	ng	97
12) 2-Methylnaphthalene	12.35	142	11503	0.454	ng	96
16) Acenaphthylene	14.27	152	14198	0.389	ng	99
17) Acenaphthene	14.61	154	9481	0.405	ng	99
18) Fluorene	15.59	166	13217	0.425	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	4520	0.383	ng	96
21) Hexachlorobenzene	16.59	284	4693	0.354	ng	98
22) Pentachlorophenol	16.94	266	1804	0.867	ng	93
23) Phenanthrene	17.34	178	24911	0.430	ng	100
24) Anthracene	17.42	178	20408	0.408	ng	100
26) Fluoranthene	19.35	202	34281	0.464	ng	99
28) Pyrene	19.71	202	36271	0.404	ng	99
30) Benzo(a)anthracene	21.46	228	42222	0.445	ng	99
31) Chrysene	21.51	228	44903	0.423	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	38829	0.559	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	38173	0.414	ng	# 89
35) Benzo(b)fluoranthene	23.24	252	39430	0.431	ng	98
36) Benzo(k)fluoranthene	23.30	252	44898	0.443	ng	97
37) Benzo(a)pyrene	23.90	252	33618	0.406	ng	100
38) Dibenzo(a,h)anthracene	26.74	278	32980	0.404	ng	97
39) Benzo(g,h,i)perylene	27.53	276	35130	0.412	ng	99

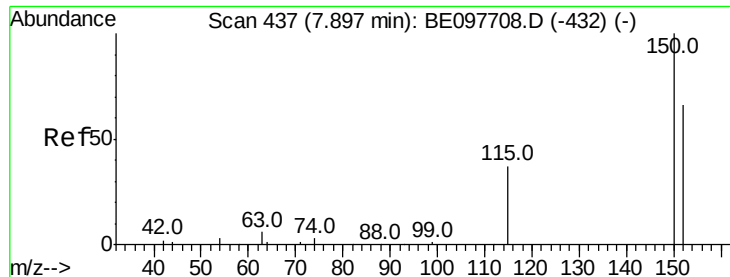
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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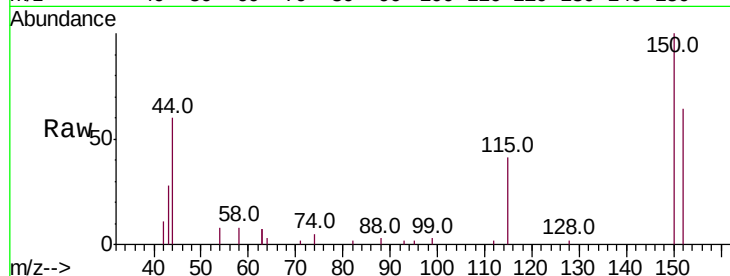


#1

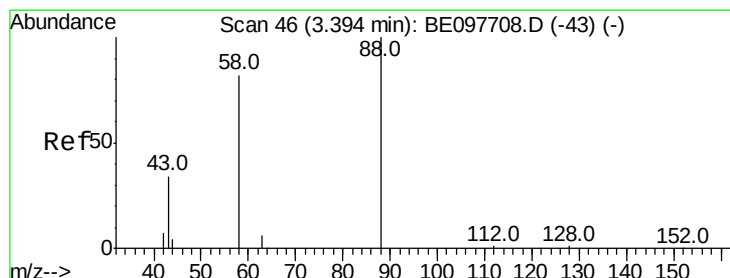
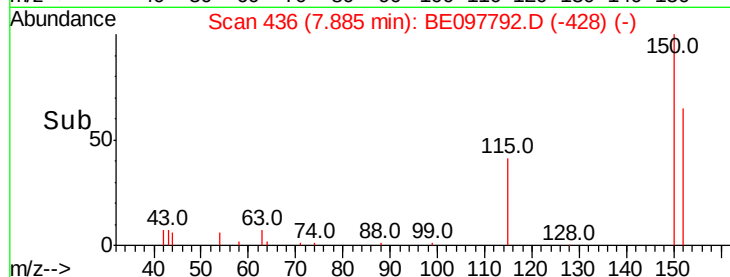
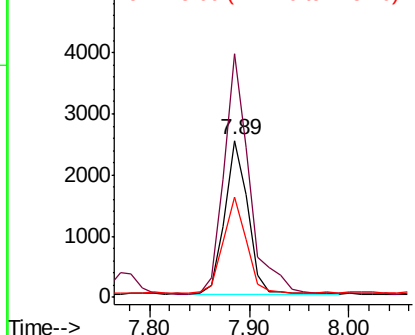
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BE097792.D
 Acq: 8 Oct 2018 13:45

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001MS

Tot Ion:152 Resp: 3986
 Ion Ratio Lower Upper
 152 100
 150 155.3 120.9 181.3
 115 63.6 46.6 69.8



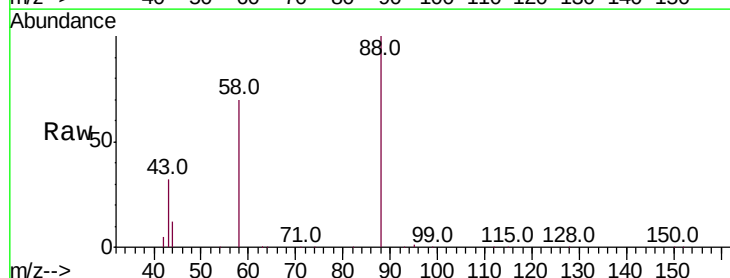
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



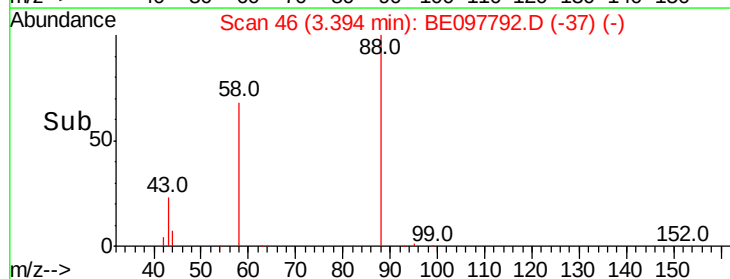
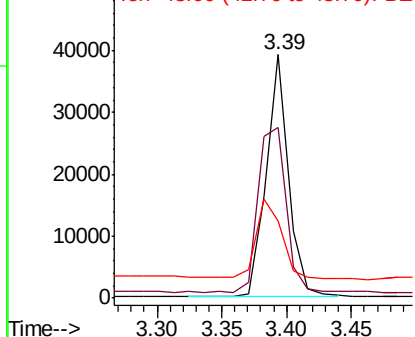
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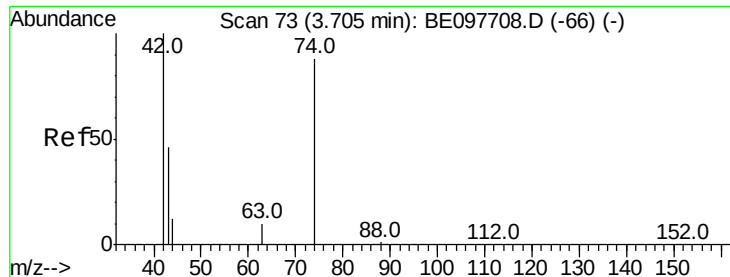
1,4-Dioxane
 Concen: 5.905 ng
 RT: 3.39 min Scan# 46
 Delta R.T. -0.00 min
 Lab File: BE097792.D
 Acq: 8 Oct 2018 13:45

Tgt Ion: 88 Resp: 46898
 Ion Ratio Lower Upper
 88 100
 58 85.5 70.8 106.2
 43 37.4 33.3 49.9



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: 0.140 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

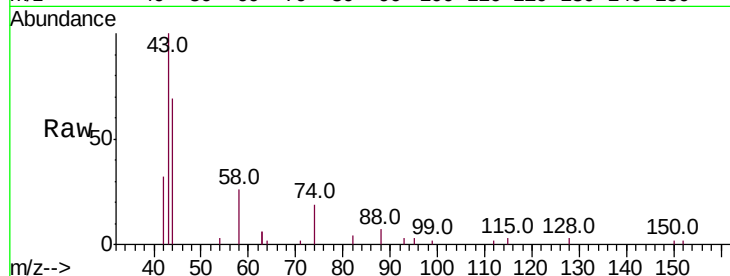
Tot Ion: 42 Resp: 1010

Ion Ratio Lower Upper

42 100

74 97.7 70.7 106.1

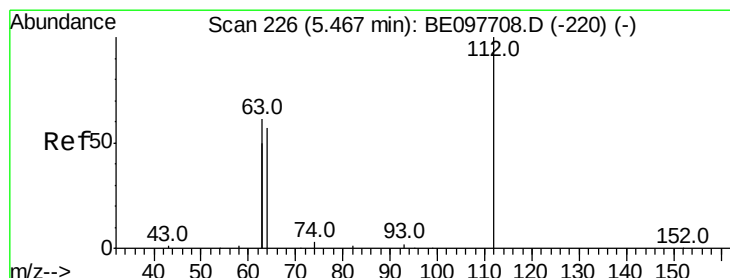
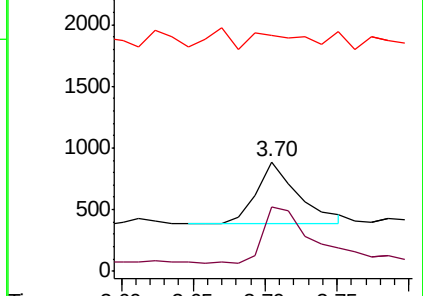
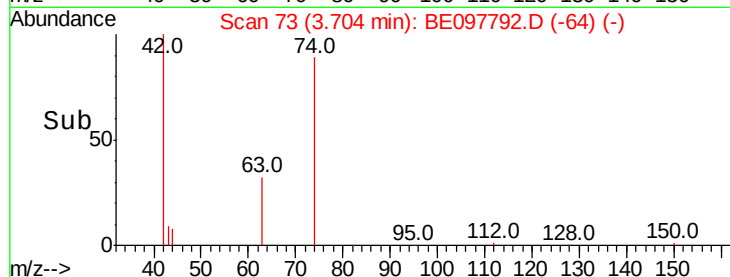
44 32.6 15.0 22.4#



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: 0.165 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

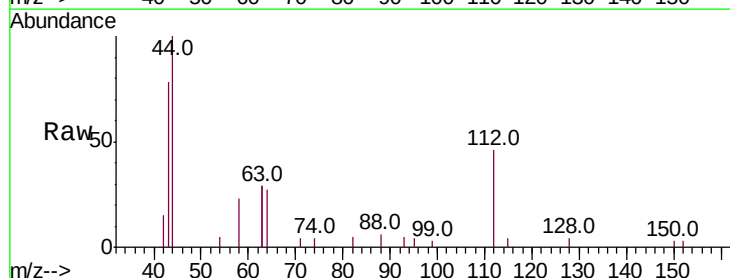
Tgt Ion: 112 Resp: 1559

Ion Ratio Lower Upper

112 100

64 70.8 56.6 84.8

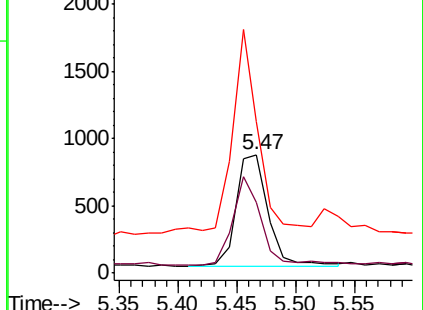
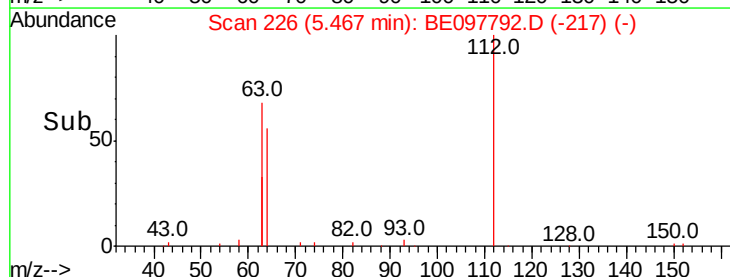
63 148.7 119.4 179.0

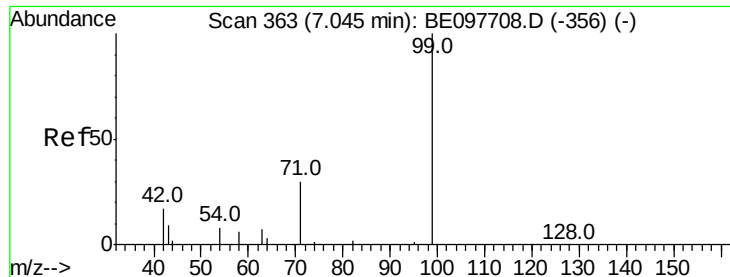


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.094 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

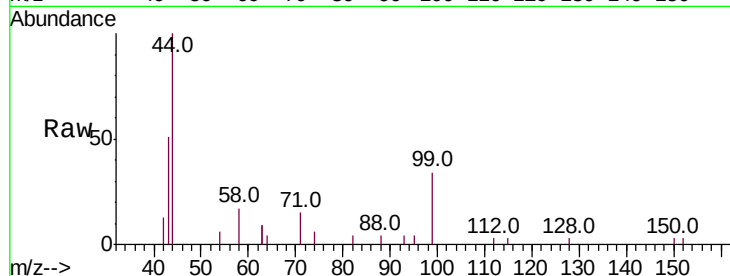
Tot Ion: 99 Resp: 1357

Ion Ratio Lower Upper

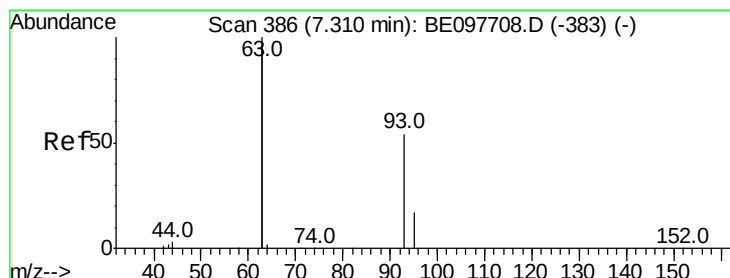
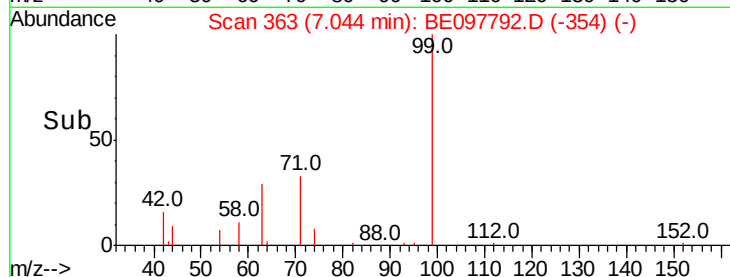
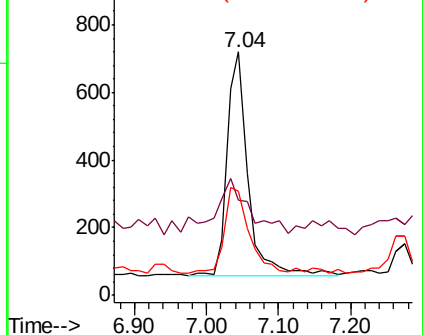
99 100

42 39.0 19.9 29.9#

71 43.8 25.4 38.2#



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: 0.385 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

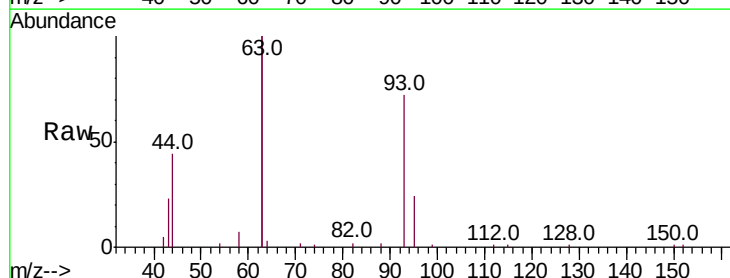
Tgt Ion: 93 Resp: 5760

Ion Ratio Lower Upper

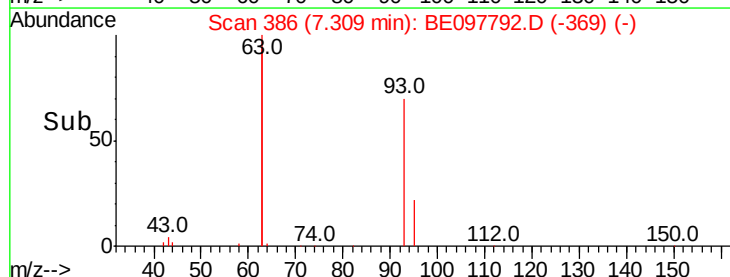
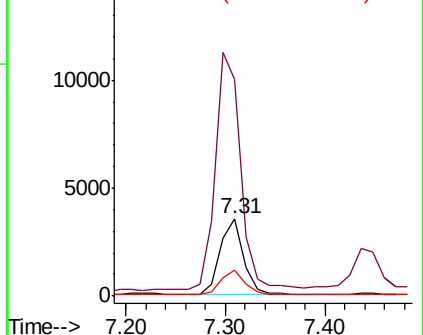
93 100

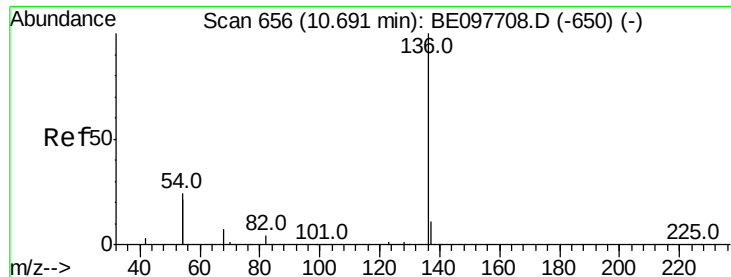
63 336.2 266.9 400.3

95 32.5 26.2 39.2



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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

Tot Ion:136 Resp: 15714

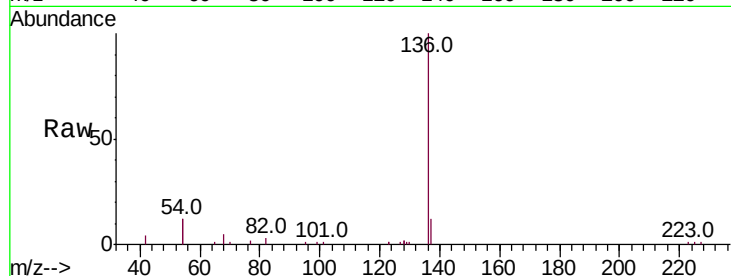
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 24.3 37.8 56.6#

68 5.2 6.4 9.6#

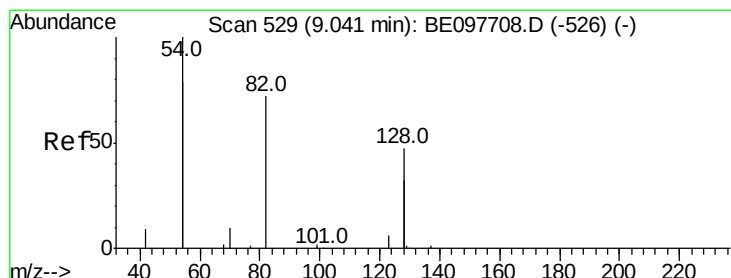
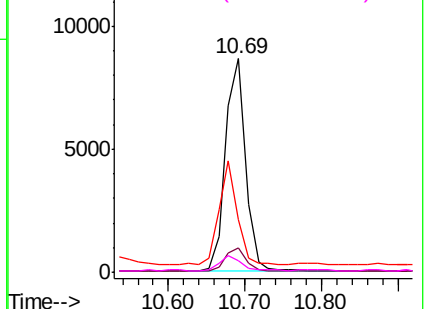
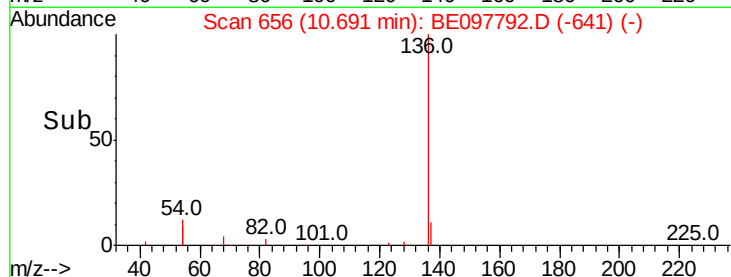


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.659 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

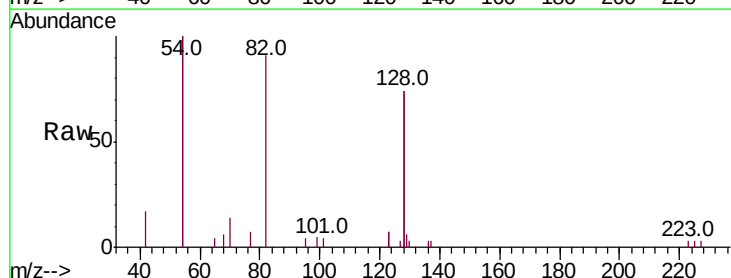
Tgt Ion: 82 Resp: 3364

Ion Ratio Lower Upper

82 100

128 161.1 97.0 145.4#

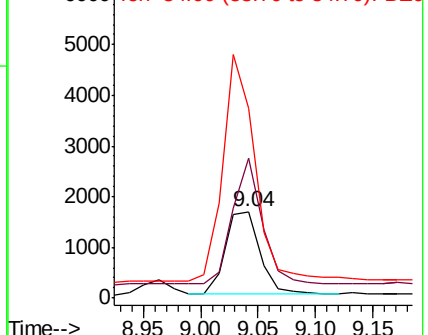
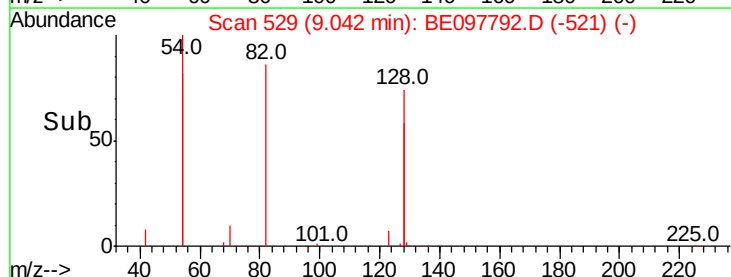
54 218.7 206.9 310.3

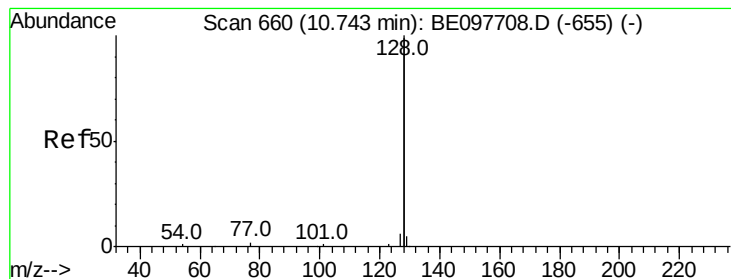


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.454 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097792.D

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ClientSampleId :

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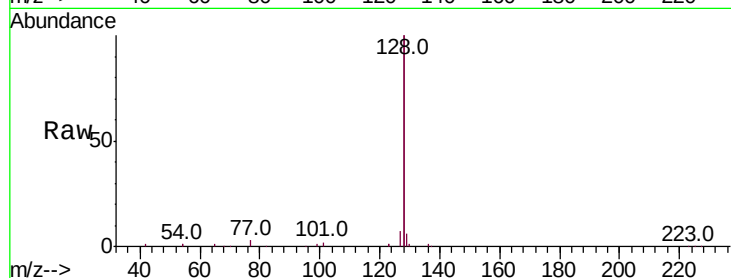
Tot Ion:128 Resp: 71824

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.2

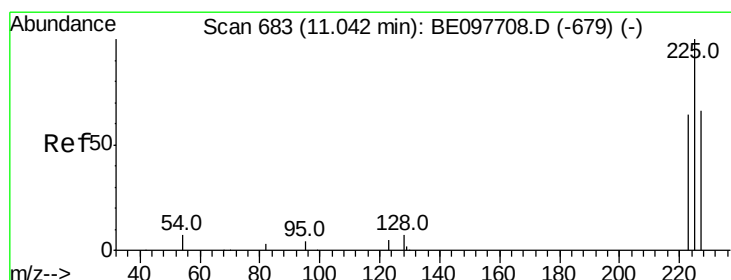
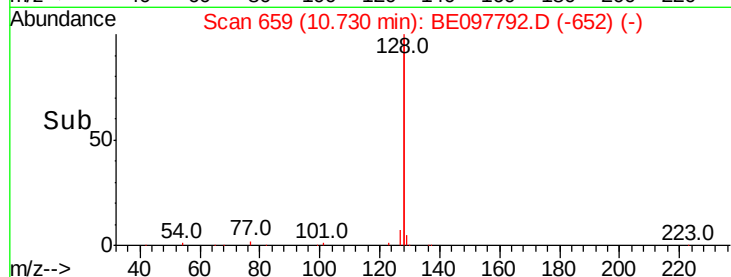
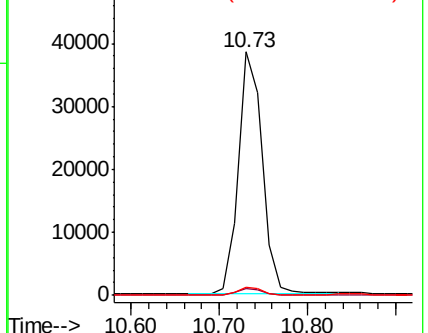
127 3.5 2.7 4.1



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: 0.351 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

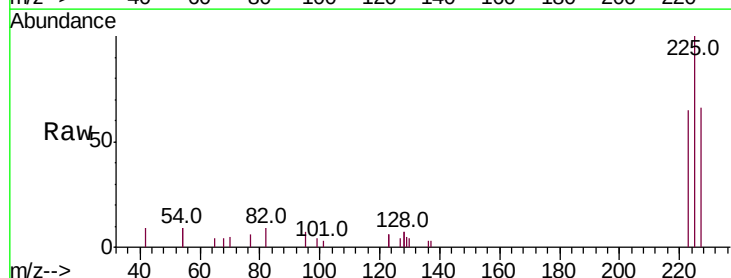
Tgt Ion:225 Resp: 2954

Ion Ratio Lower Upper

225 100

223 63.0 52.2 78.4

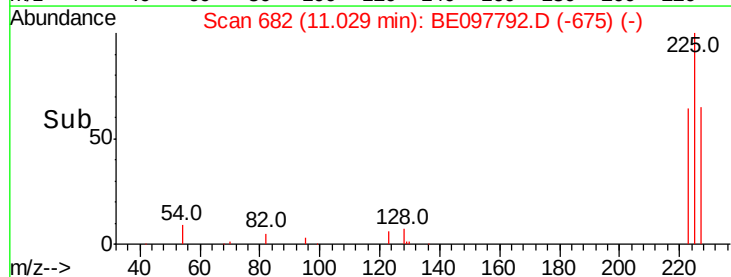
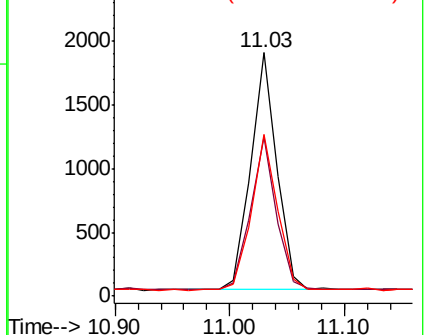
227 65.8 51.2 76.8

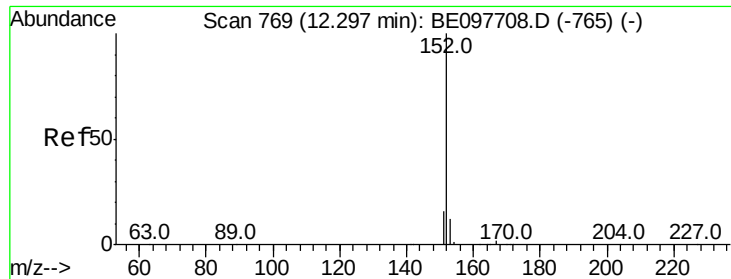


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

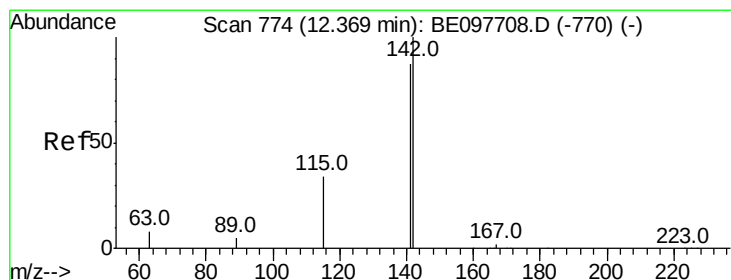
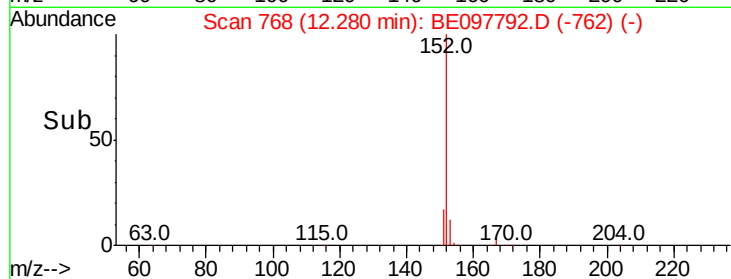
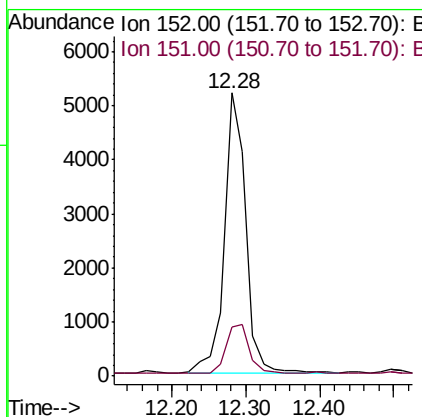
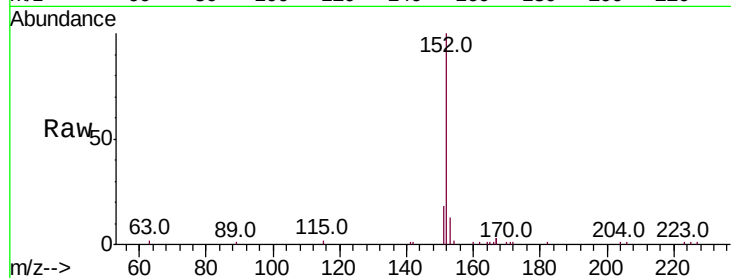




#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE097792.D
 Acq: 8 Oct 2018 13:45

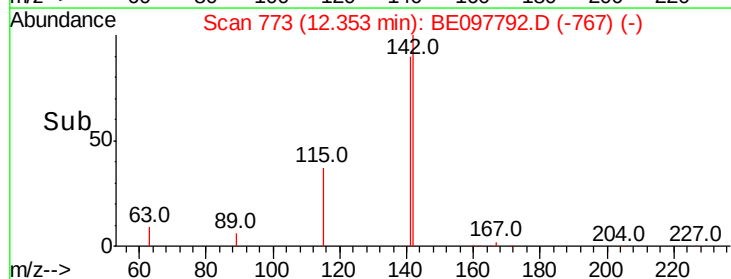
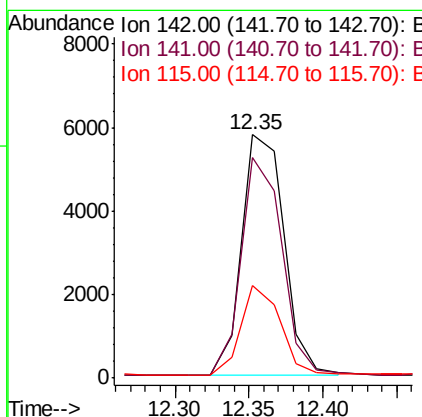
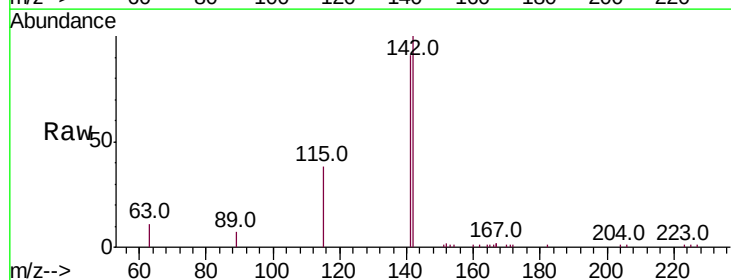
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001MS

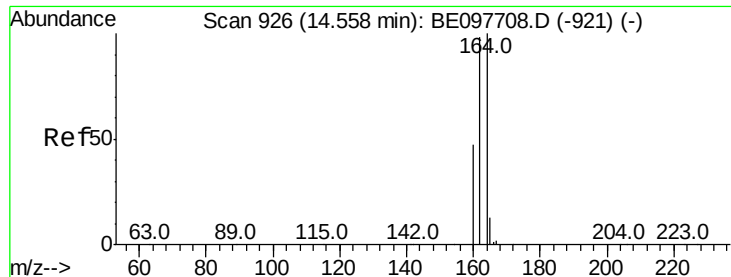
Tot Ion:152 Resp: 10282
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.454 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BE097792.D
 Acq: 8 Oct 2018 13:45

Tgt Ion:142 Resp: 11503
 Ion Ratio Lower Upper
 142 100
 141 90.5 69.4 104.2
 115 38.1 28.0 42.0

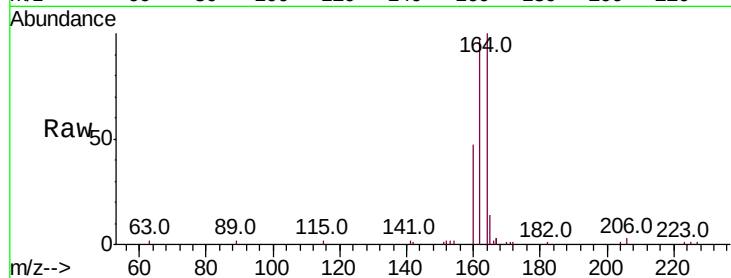




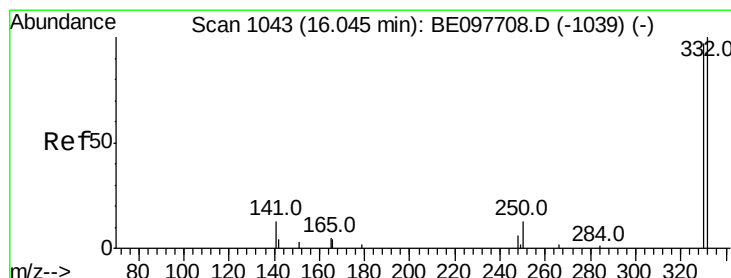
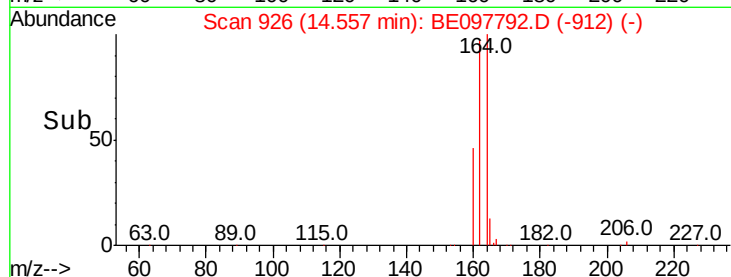
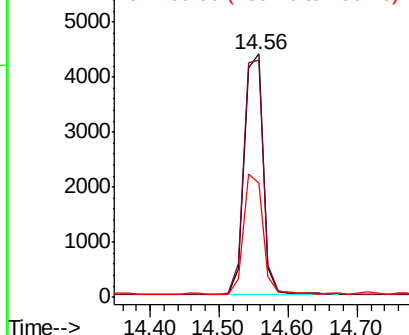
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097792.D
 Acq: 8 Oct 2018 13:45

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001MS

Tot Ion:164 Resp: 8252
 Ion Ratio Lower Upper
 164 100
 162 97.4 78.6 117.8
 160 46.8 37.8 56.6

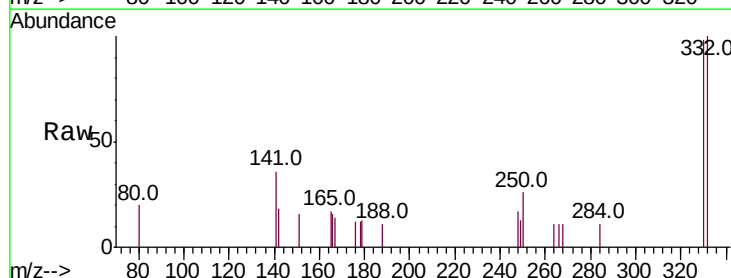


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

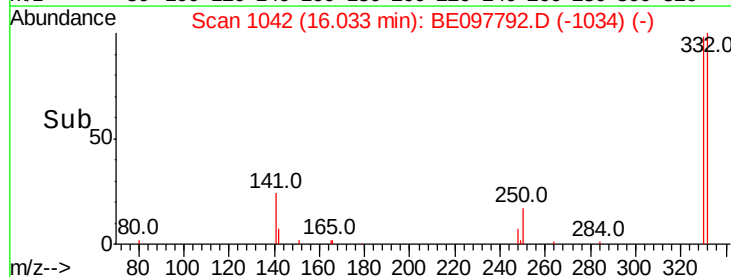
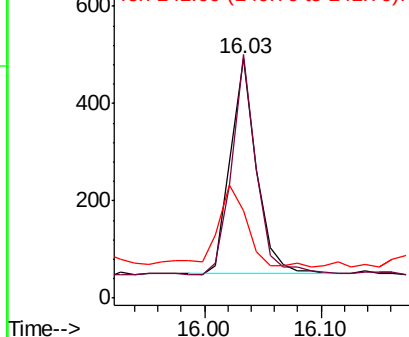


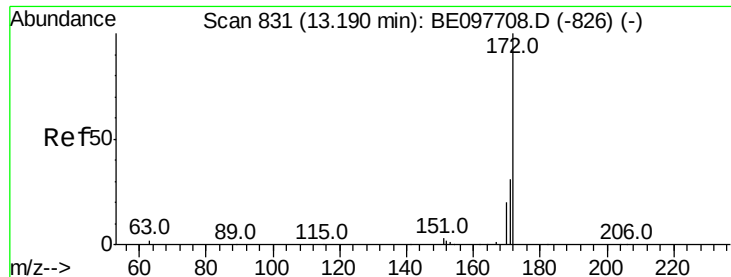
#14
 2,4,6-Tribromophenol
 Concen: 0.461 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097792.D
 Acq: 8 Oct 2018 13:45

Tgt Ion:330 Resp: 689
 Ion Ratio Lower Upper
 330 100
 332 99.4 83.5 125.3
 141 41.1 34.9 52.3



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

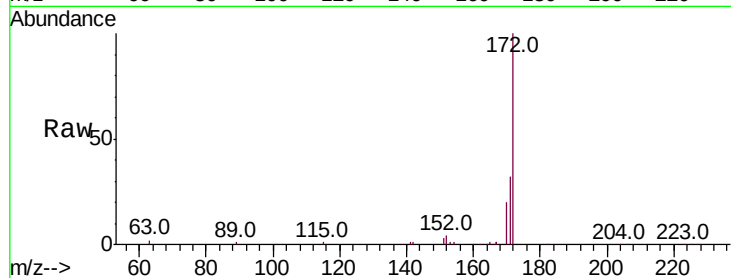




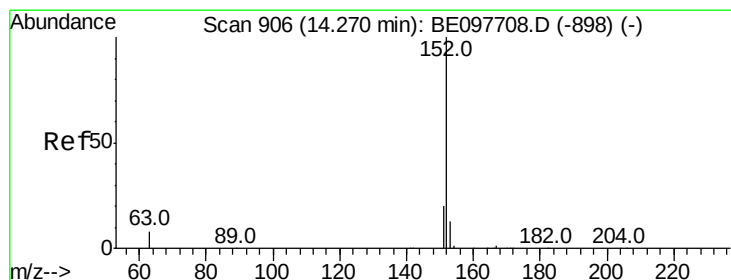
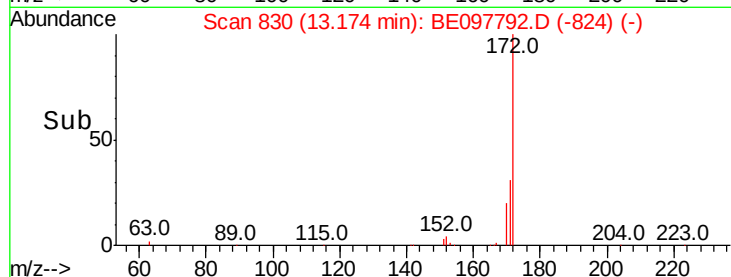
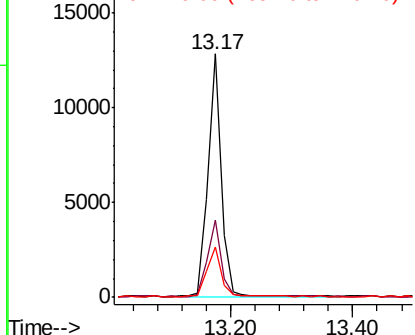
#15
2-Fluorobiphenyl
Concen: 0.521 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097792.D
Acq: 8 Oct 2018 13:45

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001MS

Tot Ion:172 Resp: 18925
Ion Ratio Lower Upper
172 100
171 31.8 25.2 37.8
170 20.5 16.2 24.2

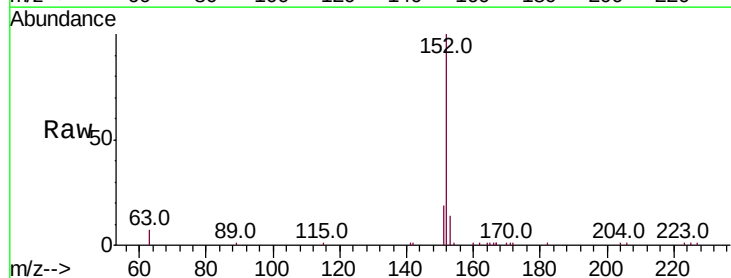


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

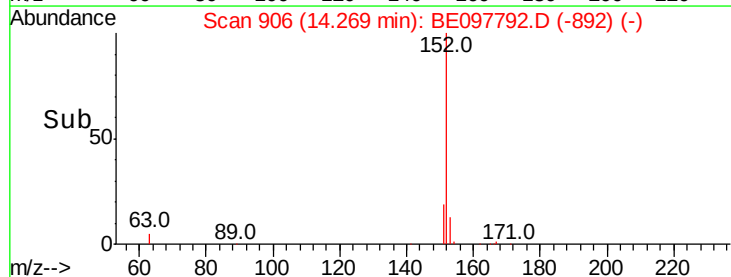
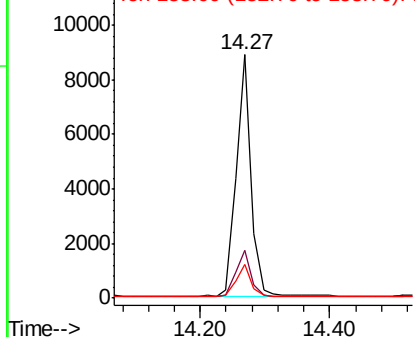


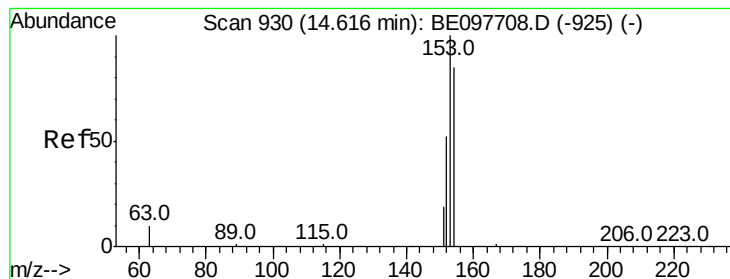
#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097792.D
Acq: 8 Oct 2018 13:45

Tgt Ion:152 Resp: 14198
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 13.2 10.8 16.2



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: 0.405 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

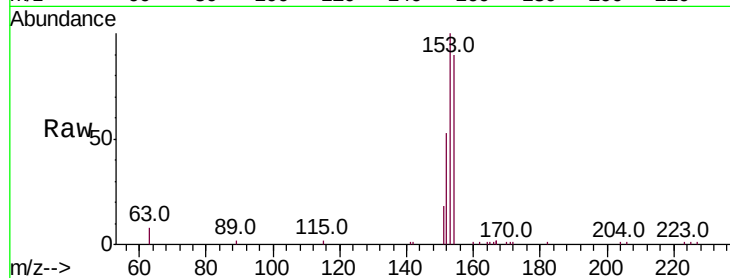
Tot Ion:154 Resp: 9481

Ion Ratio Lower Upper

154 100

153 115.9 93.3 139.9

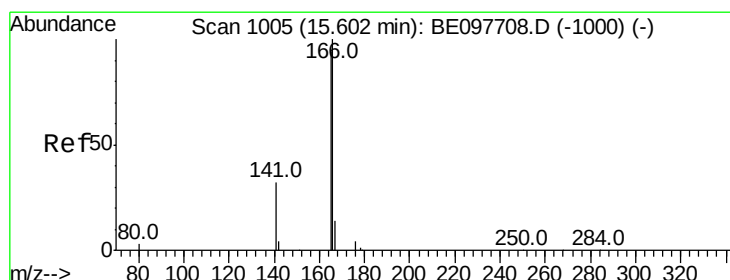
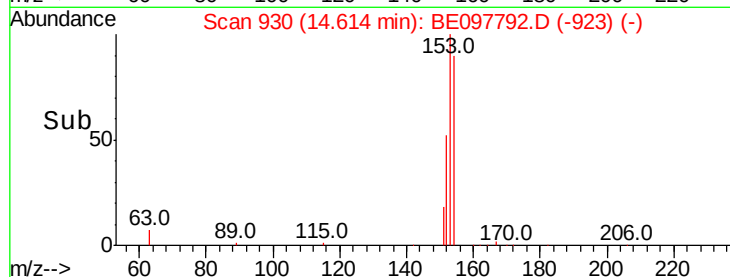
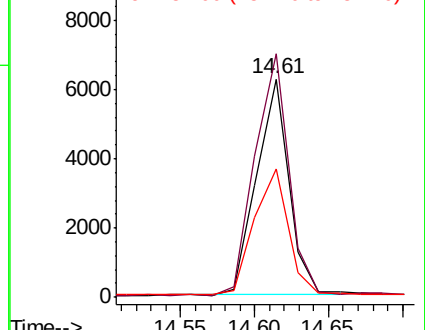
152 60.7 48.9 73.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.425 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

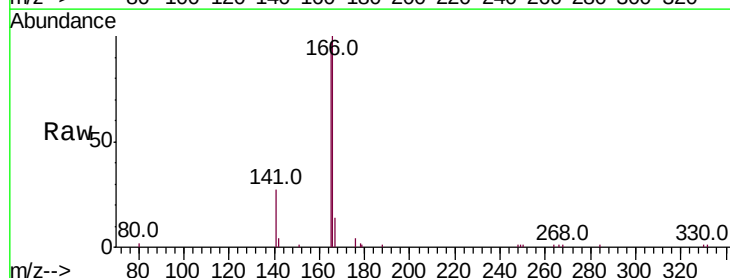
Tgt Ion:166 Resp: 13217

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.4

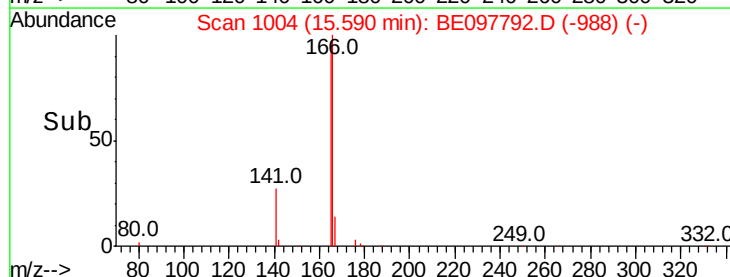
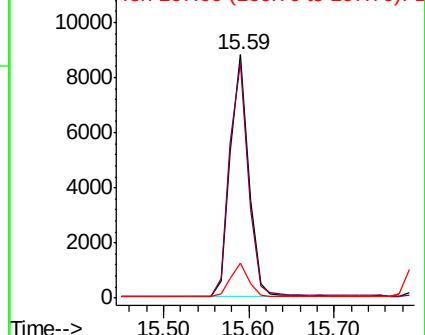
167 13.4 11.1 16.7

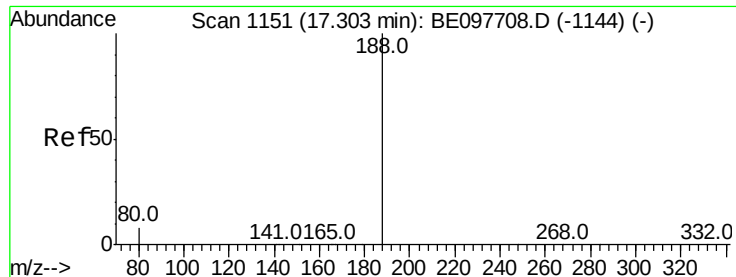


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

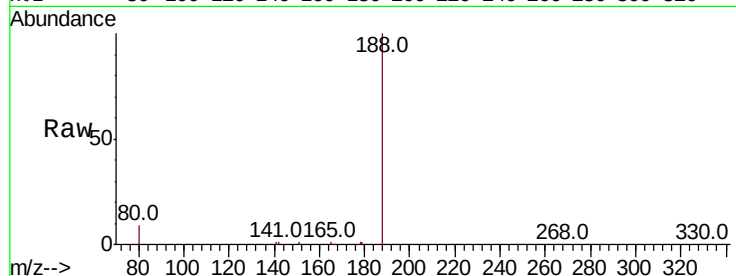
Tot Ion:188 Resp: 22483

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

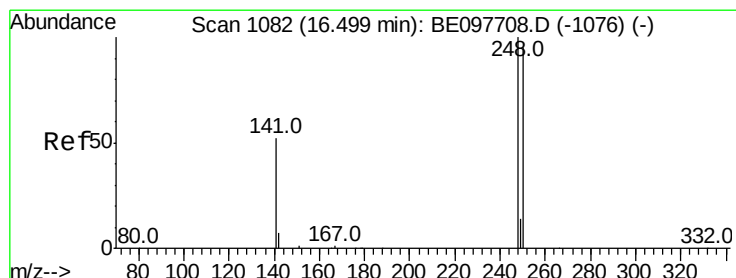
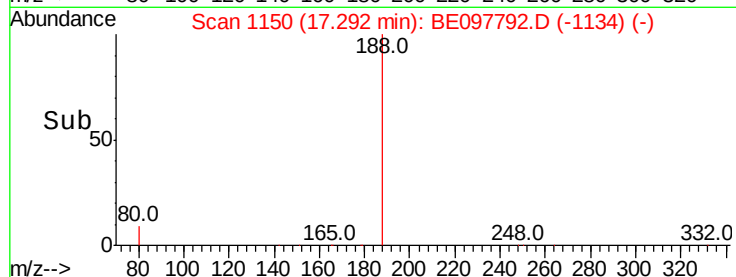
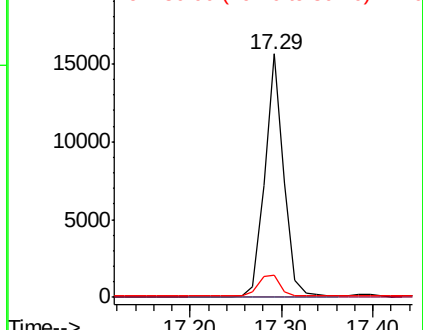
80 9.0 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

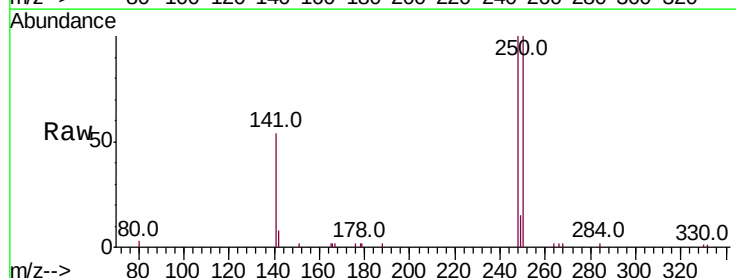
Tgt Ion:248 Resp: 4520

Ion Ratio Lower Upper

248 100

250 99.5 76.1 114.1

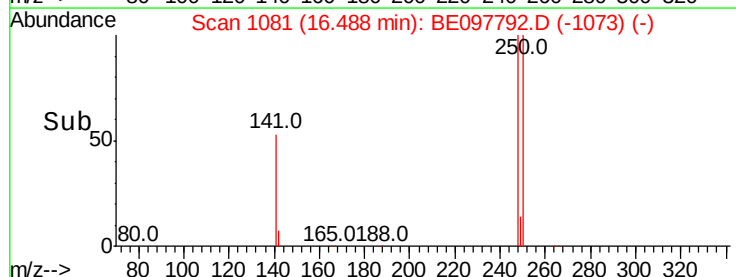
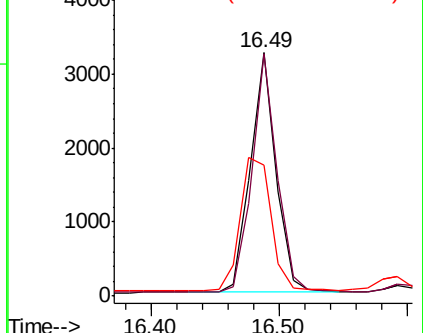
141 53.9 42.2 63.4

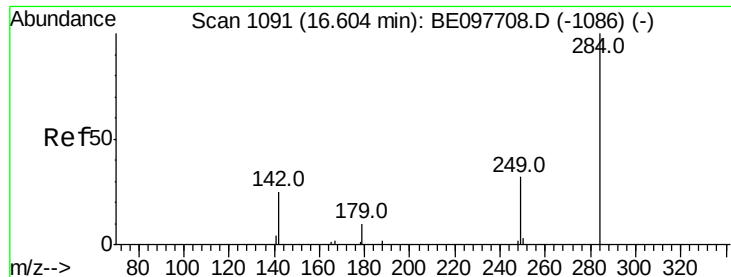


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.354 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

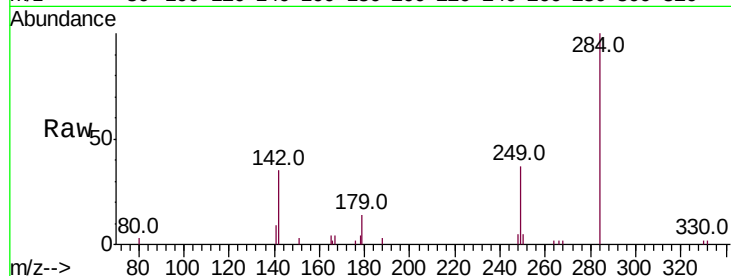
Tot Ion:284 Resp: 4693

Ion Ratio Lower Upper

284 100

142 32.3 24.9 37.3

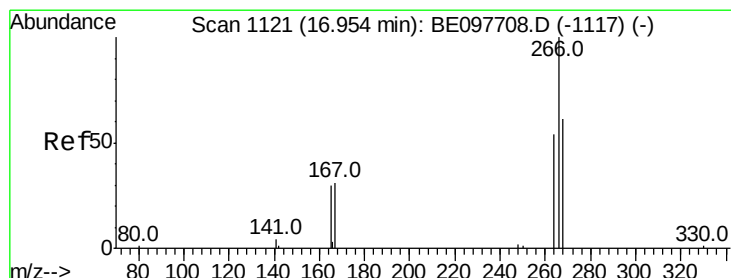
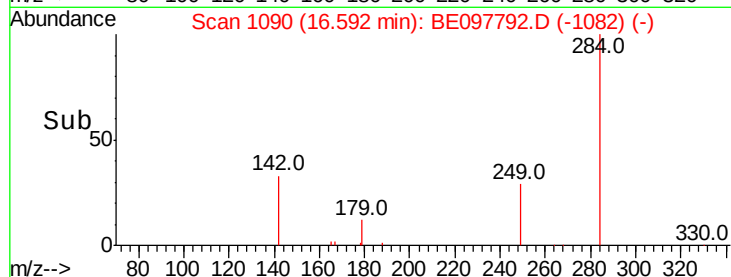
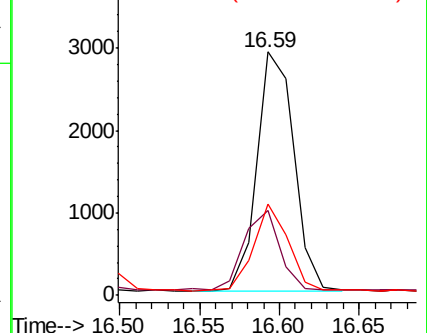
249 33.6 25.8 38.8



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: 0.867 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

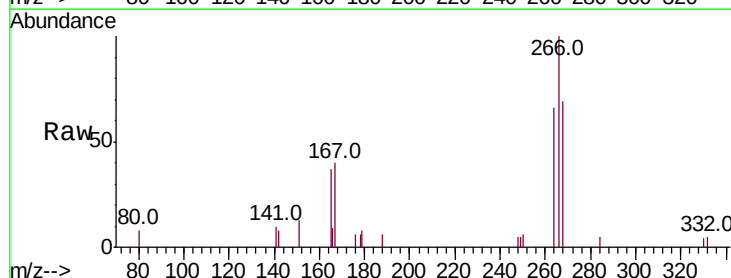
Tgt Ion:266 Resp: 1804

Ion Ratio Lower Upper

266 100

264 66.4 46.8 70.2

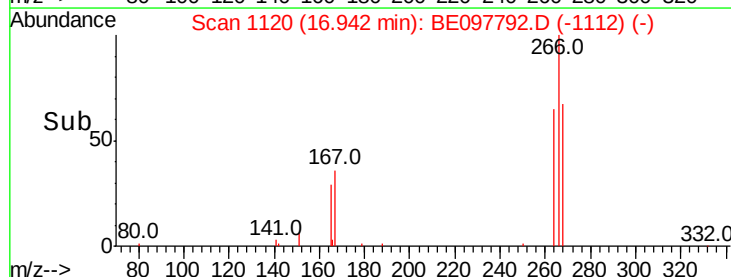
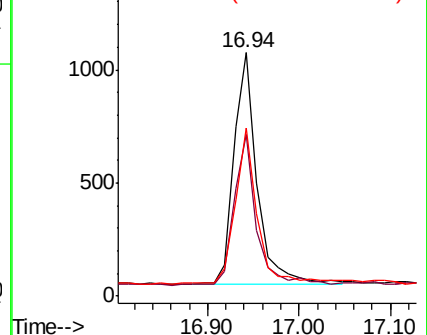
268 69.2 53.0 79.6

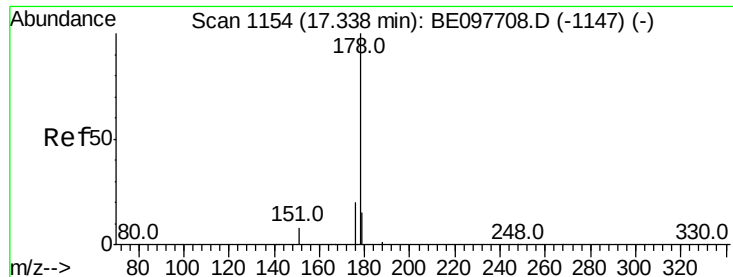


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.430 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

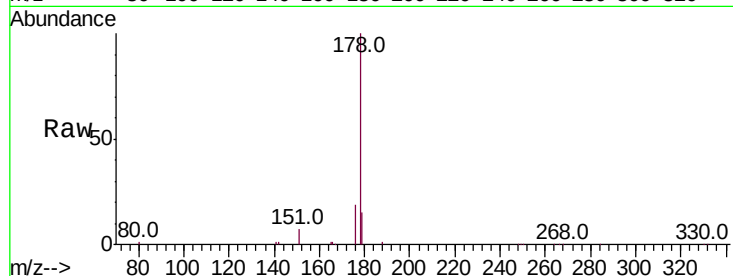
Tot Ion:178 Resp: 24911

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

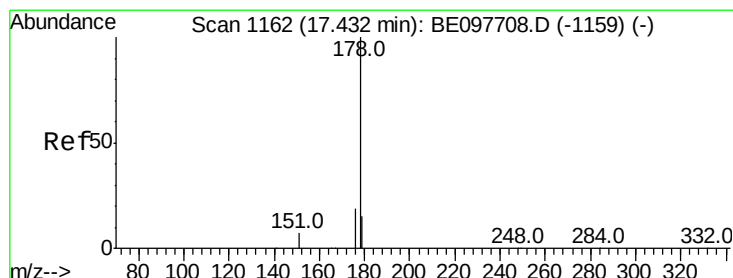
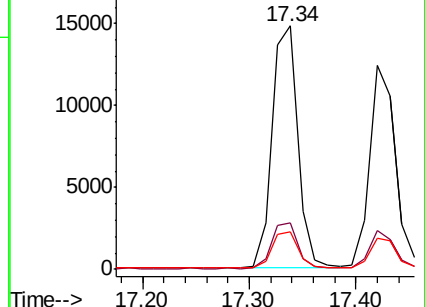
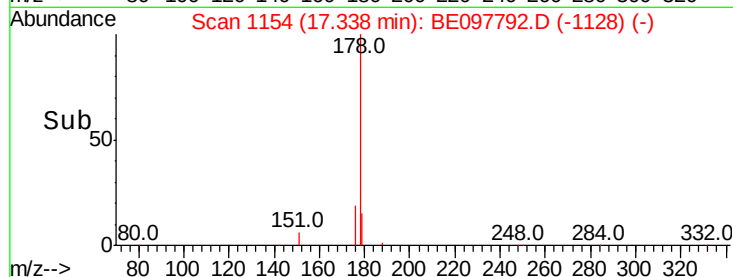
179 15.1 12.2 18.4



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: 0.408 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

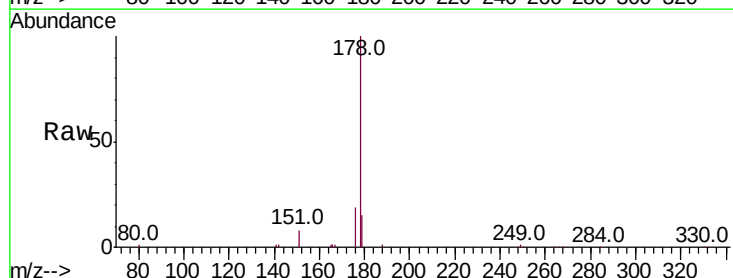
Tgt Ion:178 Resp: 20408

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

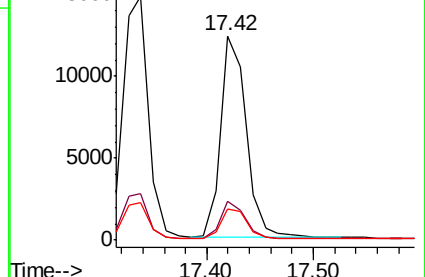
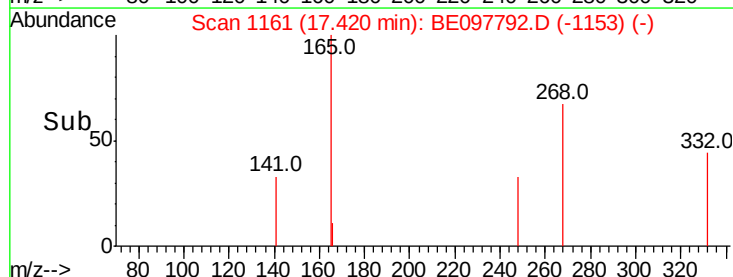
179 15.1 12.2 18.2

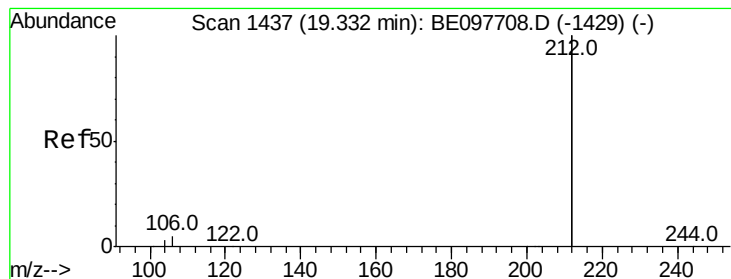


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.459 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

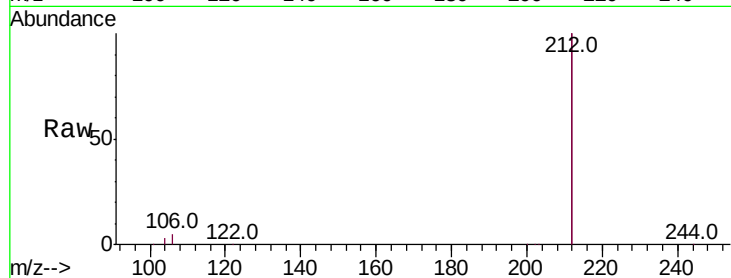
Tot Ion:212 Resp: 130690

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

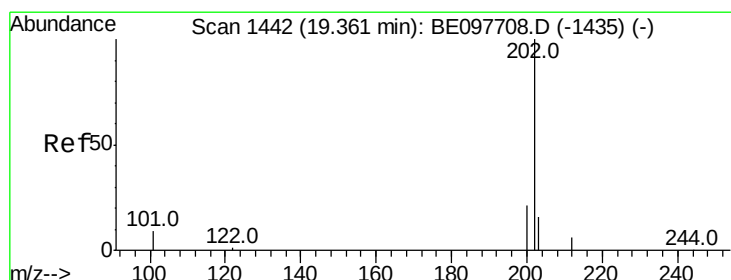
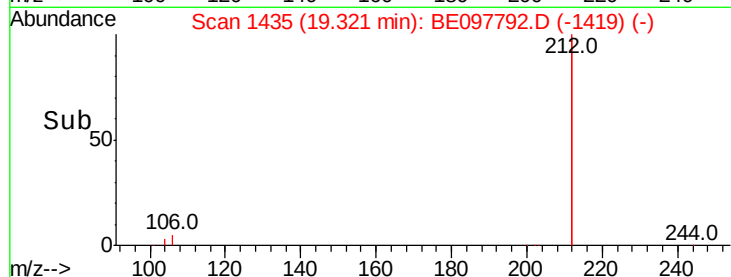
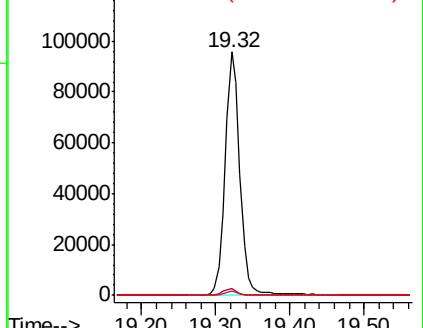
104 1.5 1.2 1.8



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: 0.464 ng

RT: 19.35 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

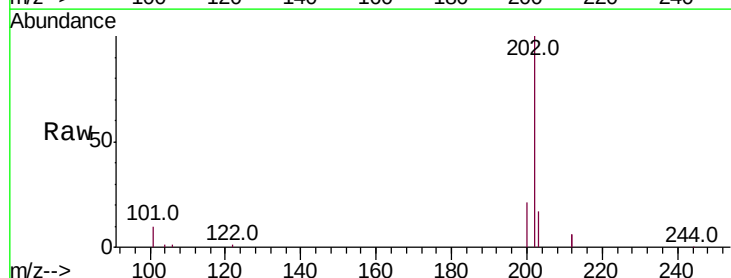
Tgt Ion:202 Resp: 34281

Ion Ratio Lower Upper

202 100

101 9.6 7.8 11.8

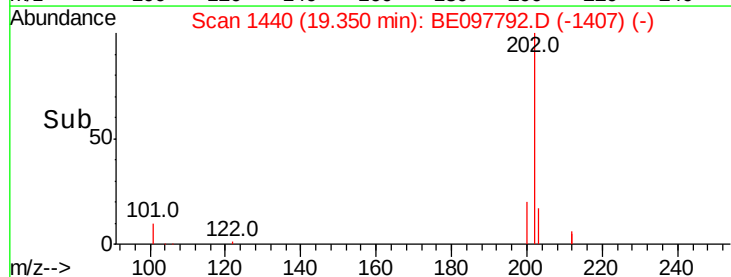
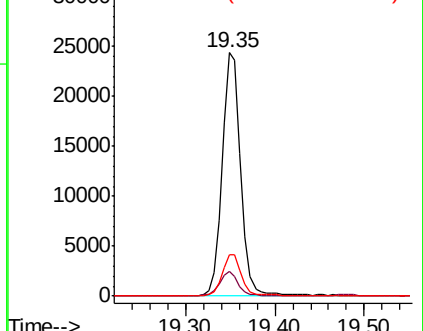
203 17.0 13.8 20.6

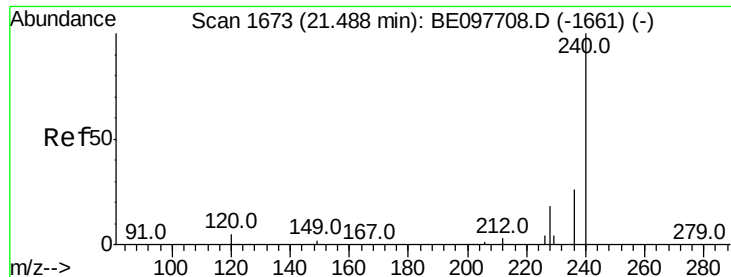


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

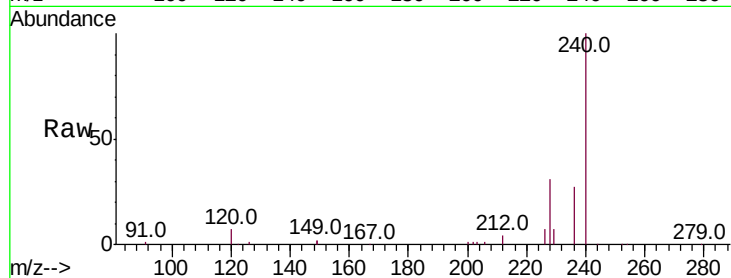
Tot Ion:240 Resp: 35310

Ion Ratio Lower Upper

240 100

120 7.2 4.7 7.1#

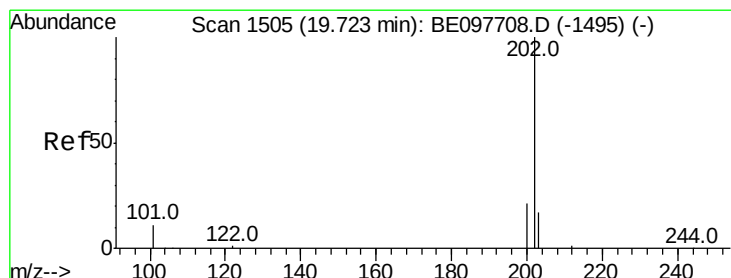
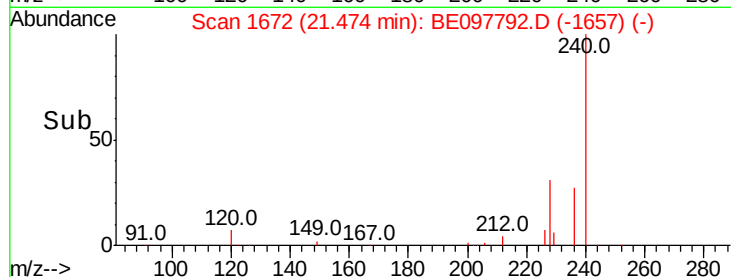
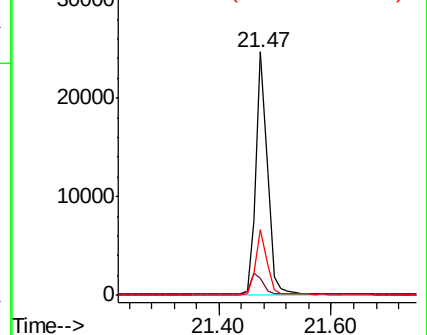
236 26.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.404 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

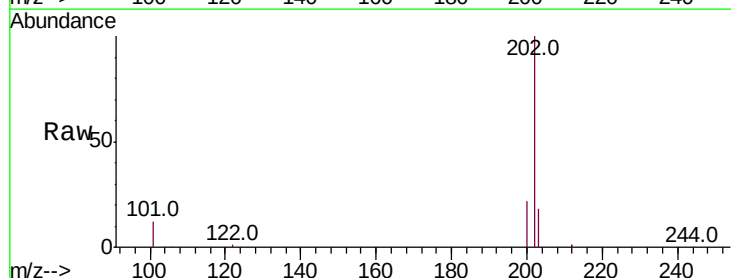
Tgt Ion:202 Resp: 36271

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

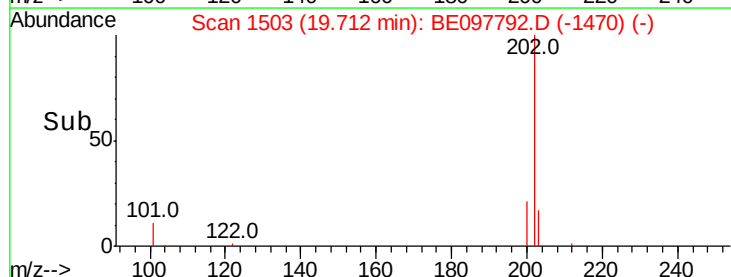
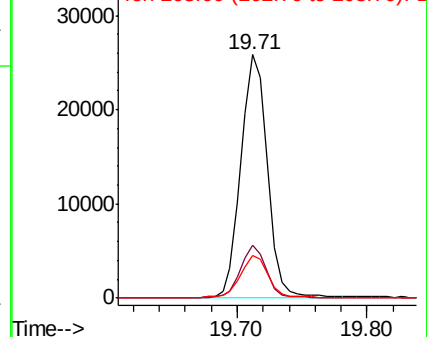
203 17.8 13.9 20.9

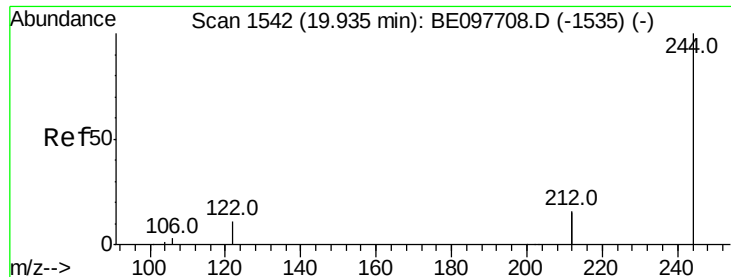


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

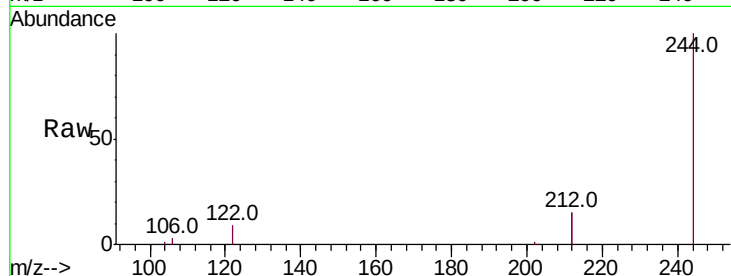
Tot Ion:244 Resp: 29093

Ion Ratio Lower Upper

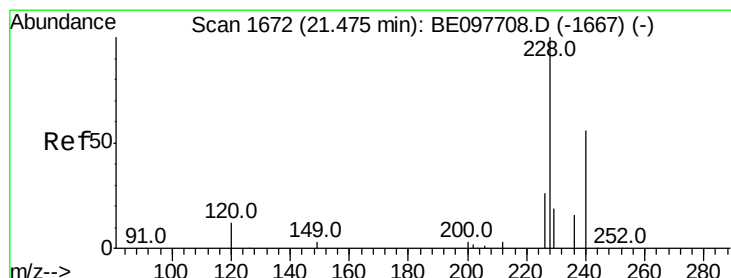
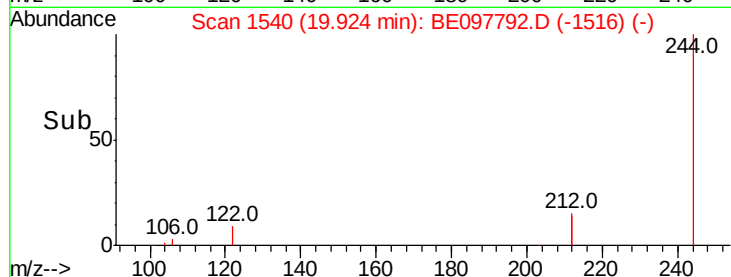
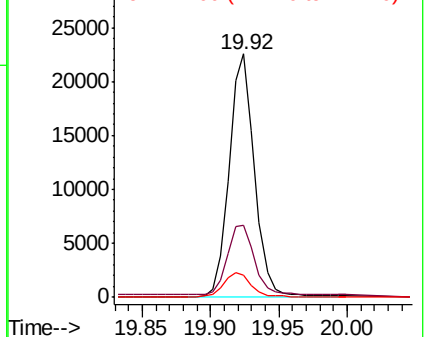
244 100

212 29.8 25.8 38.8

122 9.0 8.7 13.1



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: 0.445 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

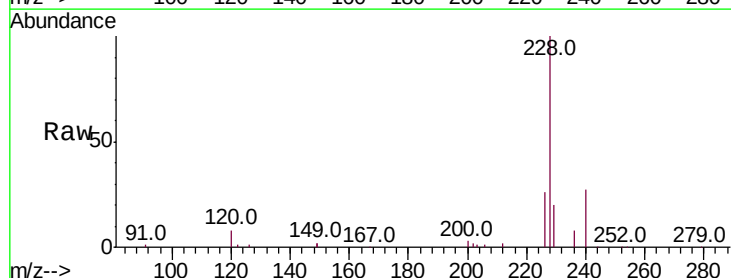
Tgt Ion:228 Resp: 42222

Ion Ratio Lower Upper

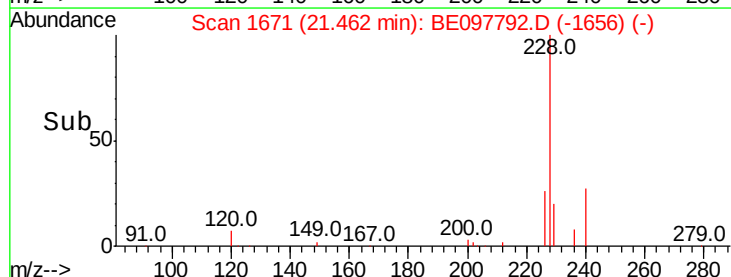
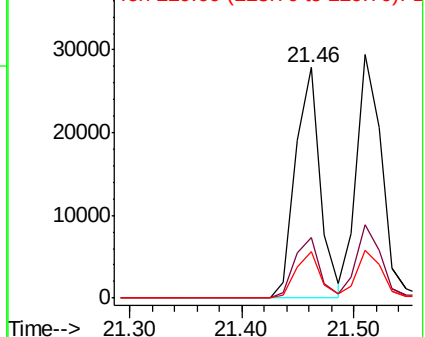
228 100

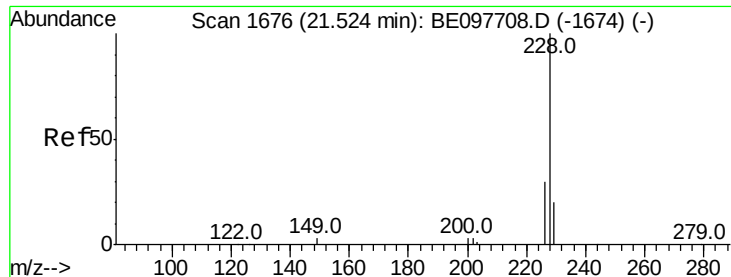
226 26.2 20.7 31.1

229 20.3 15.7 23.5



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: 0.423 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

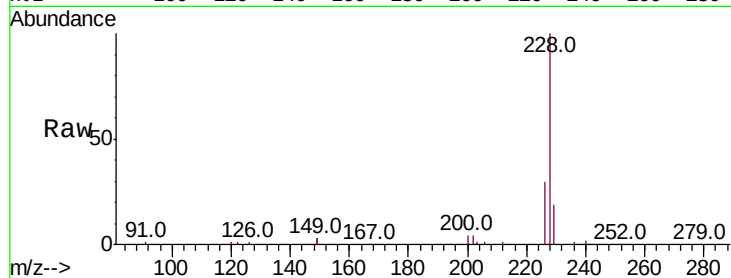
Tot Ion:228 Resp: 44903

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

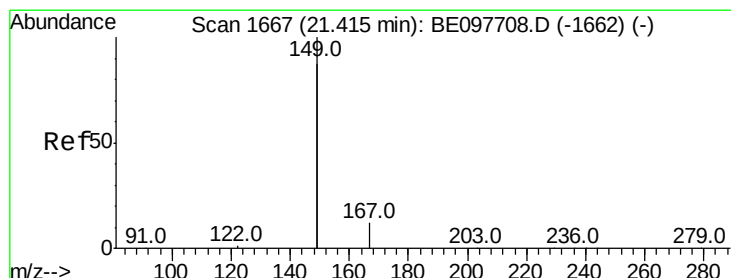
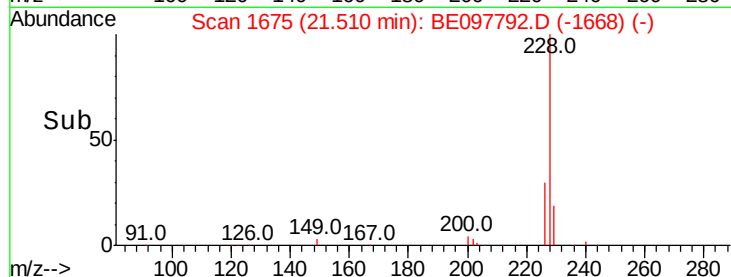
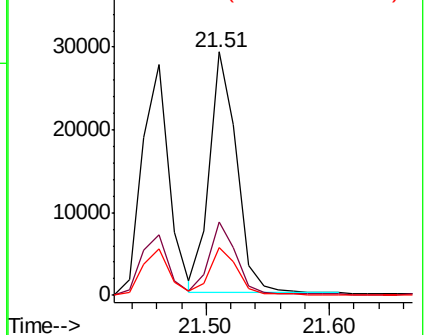
229 19.4 16.0 24.0



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: 0.559 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

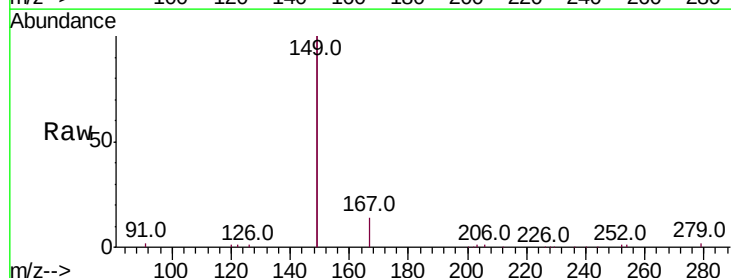
Tgt Ion:149 Resp: 38829

Ion Ratio Lower Upper

149 100

167 6.7 5.5 8.3

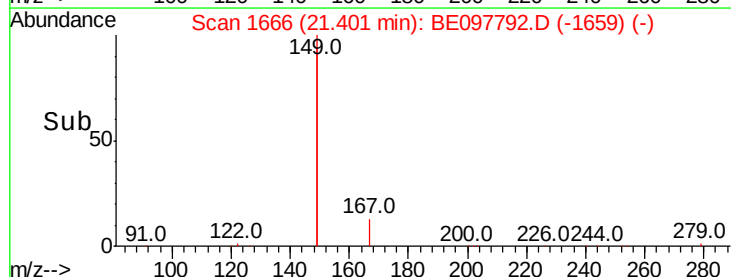
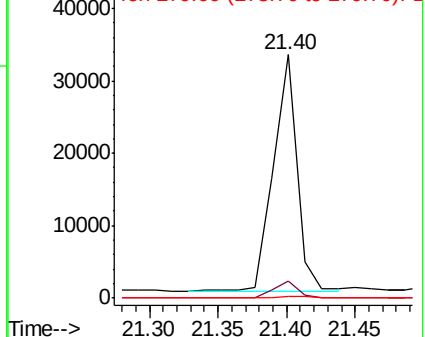
279 1.2 0.9 1.3

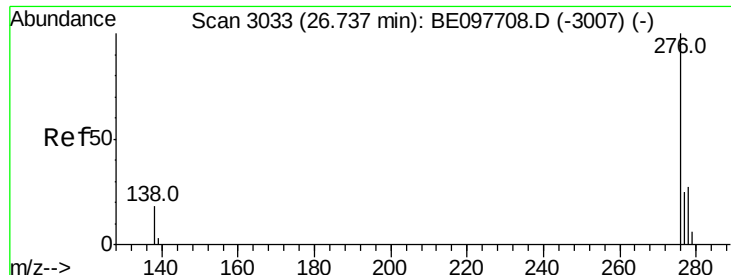


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.414 ng

RT: 26.71 min Scan# 3024

Delta R.T. -0.03 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

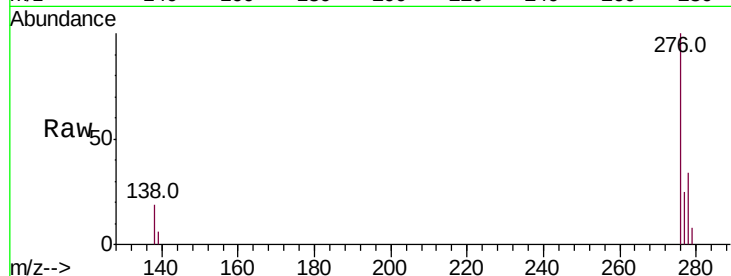
Tot Ion:276 Resp: 38173

Ion Ratio Lower Upper

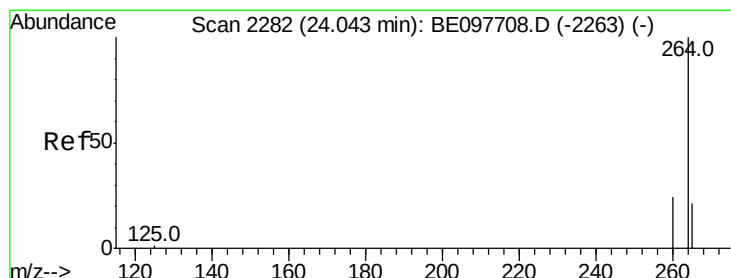
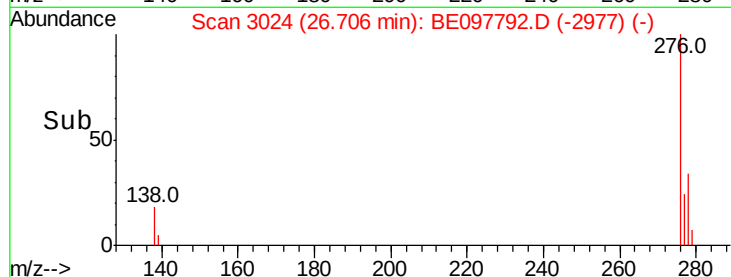
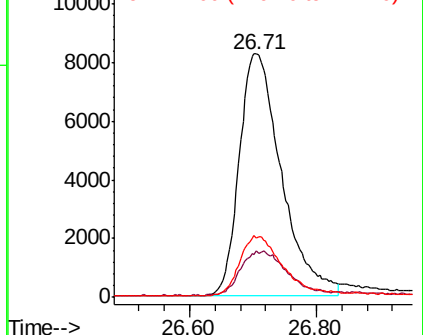
276 100

138 8.3 15.0 22.6#

277 24.6 19.2 28.8



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: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

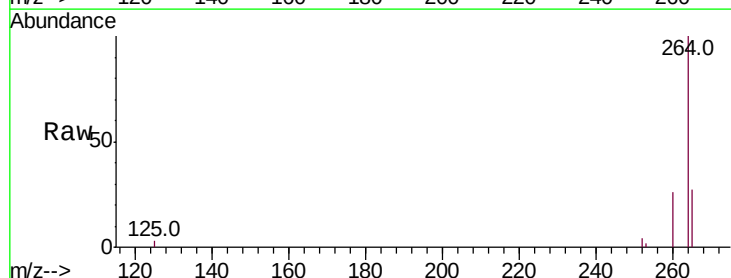
Tgt Ion:264 Resp: 33317

Ion Ratio Lower Upper

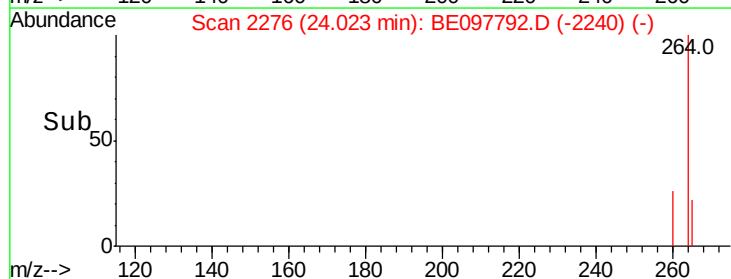
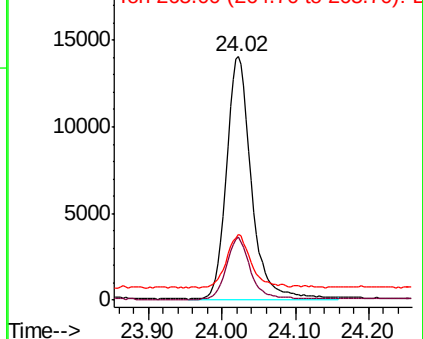
264 100

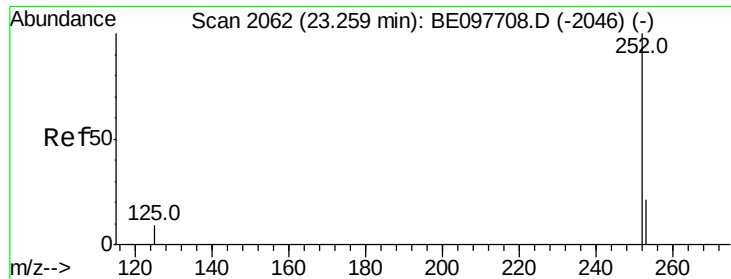
260 25.8 19.1 28.7

265 26.9 21.9 32.9



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: 0.431 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

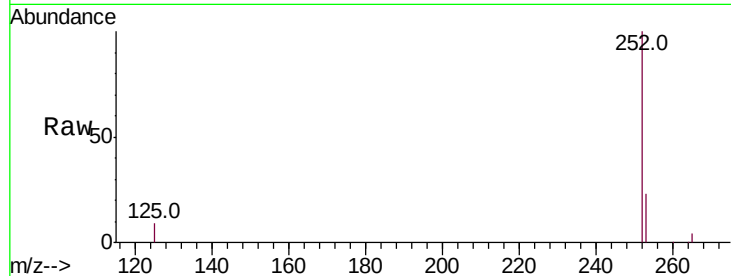
Tot Ion:252 Resp: 39430

Ion Ratio Lower Upper

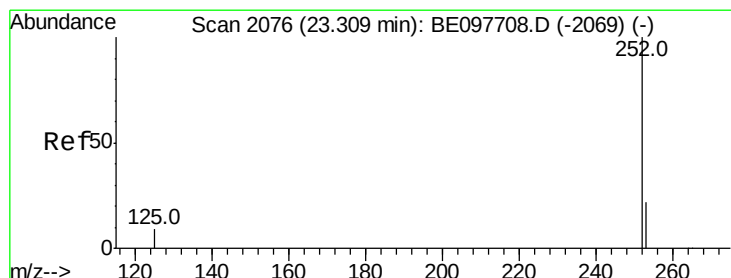
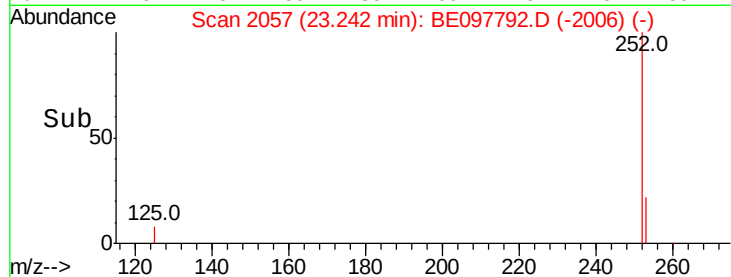
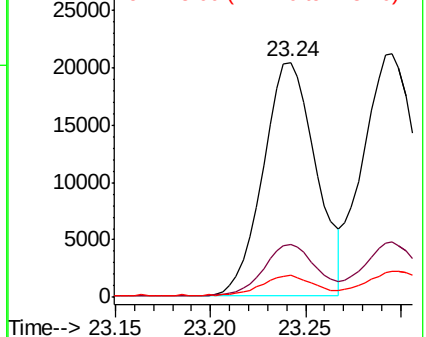
252 100

253 22.7 17.5 26.3

125 9.3 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.443 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

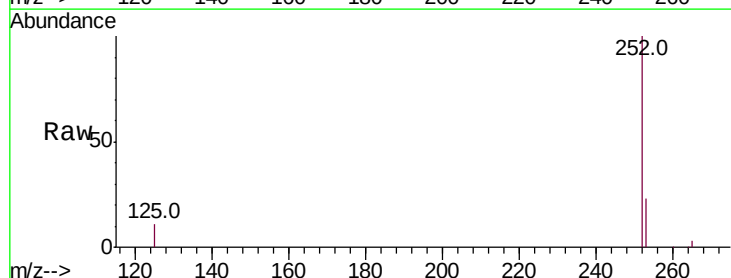
Tgt Ion:252 Resp: 44898

Ion Ratio Lower Upper

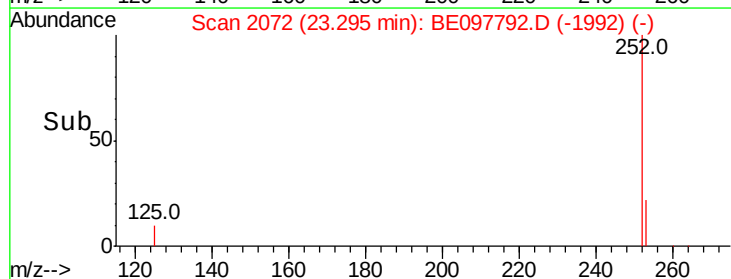
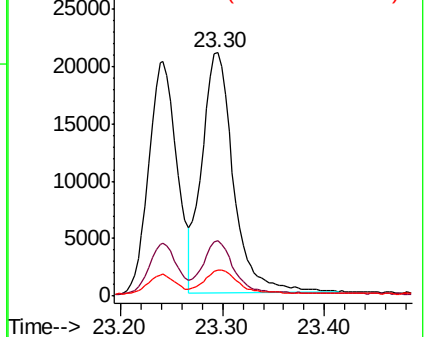
252 100

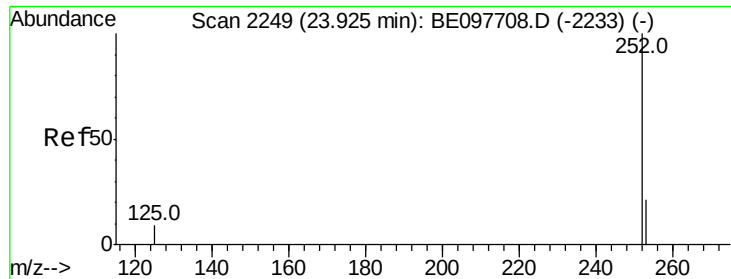
253 23.0 17.5 26.3

125 10.7 7.5 11.3



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

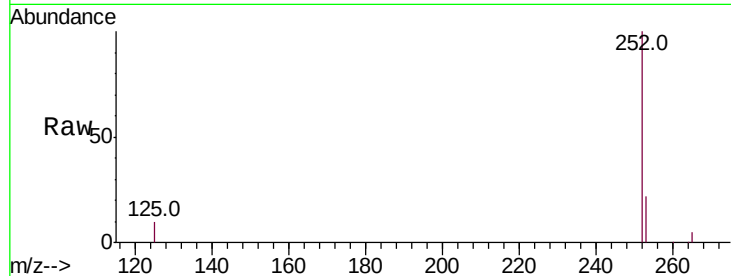




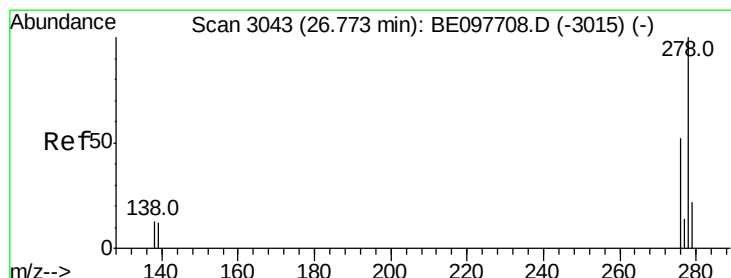
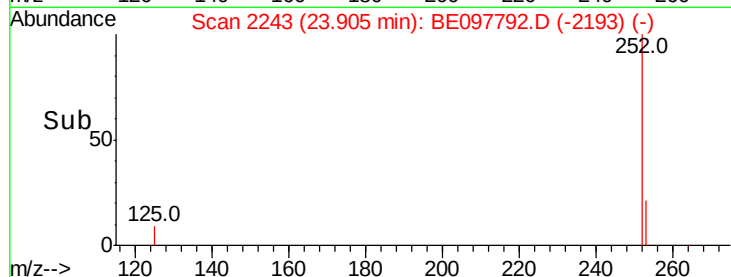
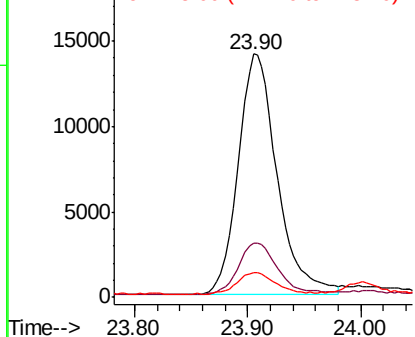
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.90 min Scan# 2243
Delta R.T. -0.02 min
Lab File: BE097792.D
Acq: 8 Oct 2018 13:45

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001MS

Tot Ion:252 Resp: 33618
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.4 8.3 12.5

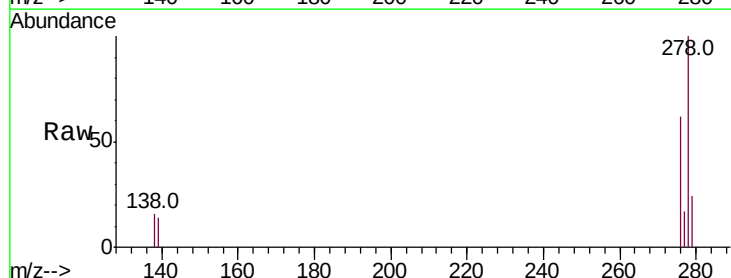


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

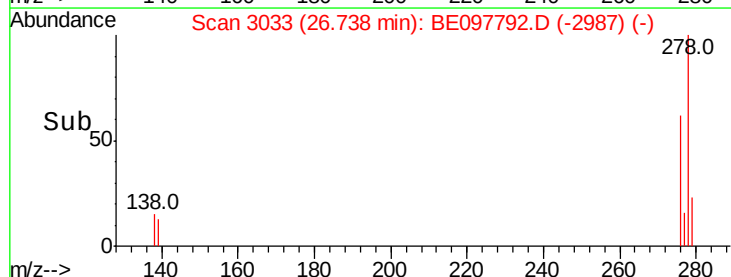
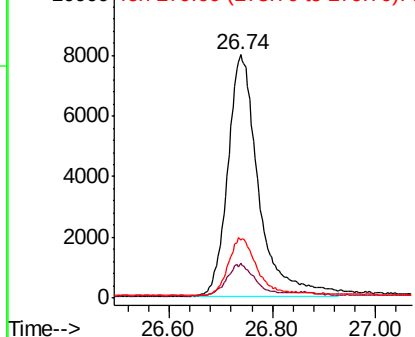


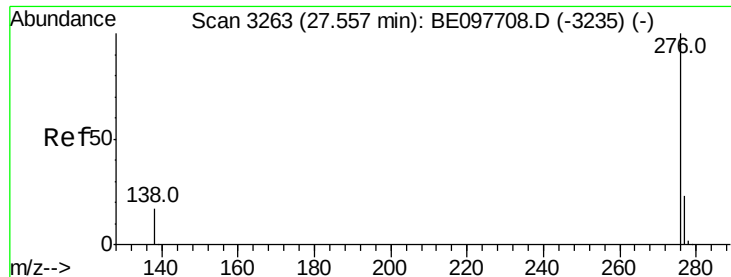
#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.74 min Scan# 3033
Delta R.T. -0.03 min
Lab File: BE097792.D
Acq: 8 Oct 2018 13:45

Tgt Ion:278 Resp: 32980
Ion Ratio Lower Upper
278 100
139 14.3 10.3 15.5
279 24.0 18.4 27.6



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(a,h,i)perylene

Concen: 0.412 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.03 min

Lab File: BE097792.D

Acq: 8 Oct 2018 13:45

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001MS

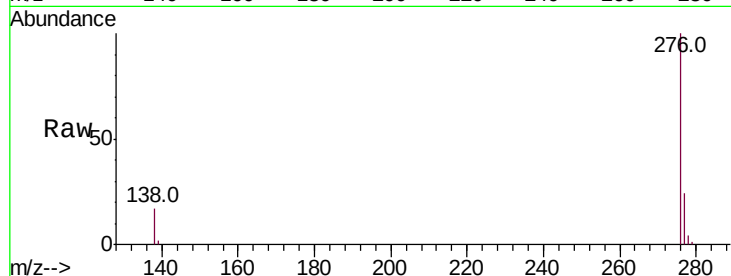
Tot Ion:276 Resp: 35130

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 17.0 14.2 21.2



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

