

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
 Data File : BE098512.D
 Acq On : 18 Dec 2018 12:40
 Operator : SJ/JU
 Sample : J6405-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210MSD

Quant Time: Dec 19 02:55:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	721	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3785	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2684	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6401	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7003	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6861	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	408	0.24	ng	0.00
5) Phenol-d6	7.04	99	300	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1090	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2906	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	359	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5041	0.45	ng	-0.01
25) Fluoranthene-d10	19.30	212	36500	0.44	ng	-0.01
29) Terphenyl-d14	19.89	244	7795	0.46	ng	-0.01

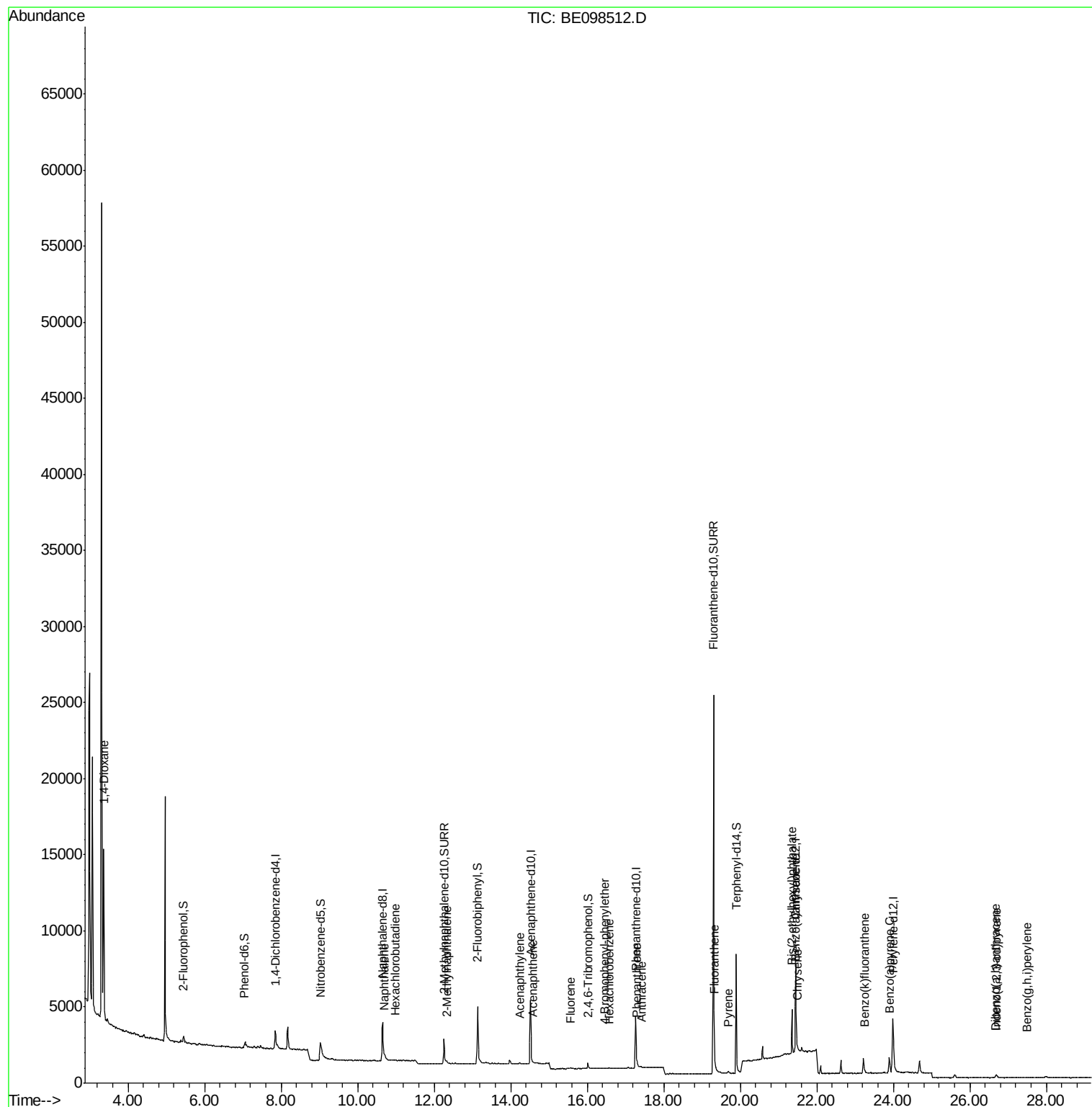
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	6075	4.872	ng	99
9) Naphthalene	10.71	128	393	0.010	ng	# 62
10) Hexachlorobutadiene	10.98	225	15	0.006	ng	89
12) 2-Methylnaphthalene	12.33	142	80	0.013	ng	# 69
16) Acenaphthylene	14.24	152	61	0.005	ng	# 72
17) Acenaphthene	14.57	154	26	0.003	ng	# 72
18) Fluorene	15.57	166	77	0.008	ng	# 94
20) 4-Bromophenyl-phenylether	16.45	248	17	0.005	ng	# 78
21) Hexachlorobenzene	16.58	284	28	0.008	ng	# 42
23) Phenanthrene	17.30	178	152	0.010	ng	# 60
24) Anthracene	17.41	178	73	0.005	ng	# 75
26) Fluoranthene	19.33	202	148	0.007	ng	# 91
28) Pyrene	19.69	202	130	0.006	ng	# 88
30) Benzo(a)anthracene	21.44	228	192	0.010	ng	# 44
31) Chrysene	21.49	228	225	0.011	ng	# 55
32) Bis(2-ethylhexyl)phthalate	21.35	149	3634	0.090	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.68	276	11	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.26	252	143	0.007	ng	# 1
37) Benzo(a)pyrene	23.89	252	311	0.016	ng	# 1
38) Dibenzo(a,h)anthracene	26.68	278	22	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.49	276	9	0.000	ng	# 1

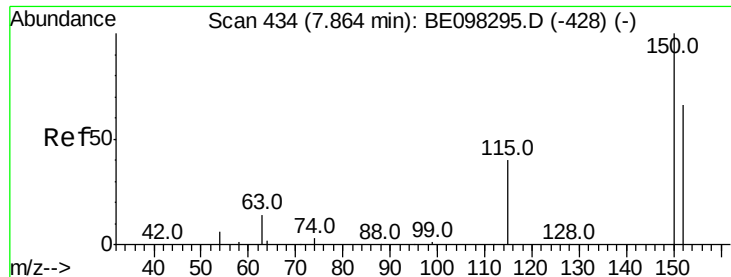
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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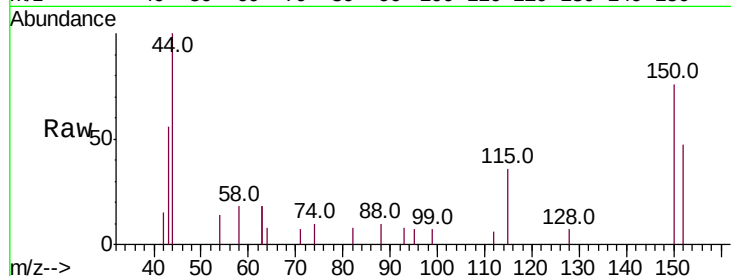


#1

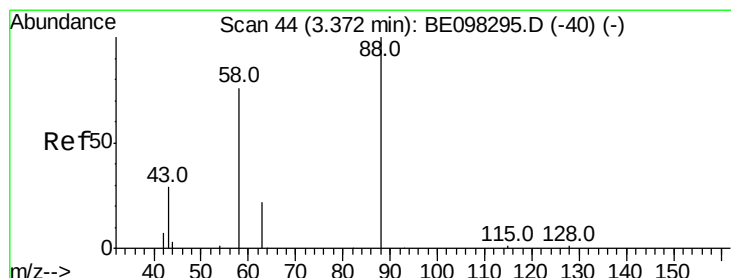
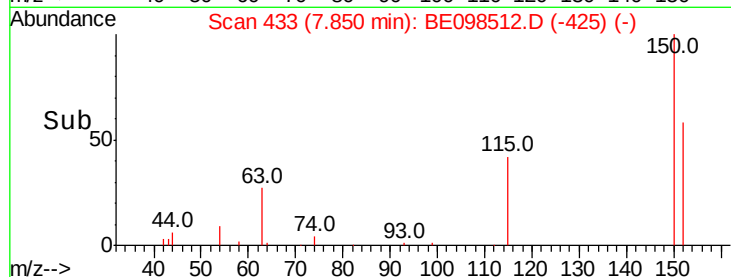
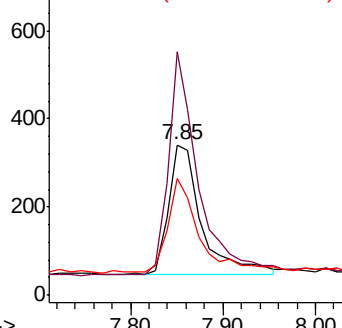
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098512.D
Acq: 18 Dec 2018 12:40

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210MSD

Tot Ion:152 Resp: 721
Ion Ratio Lower Upper
152 100
150 161.9 124.2 186.4
115 77.4 53.9 80.9



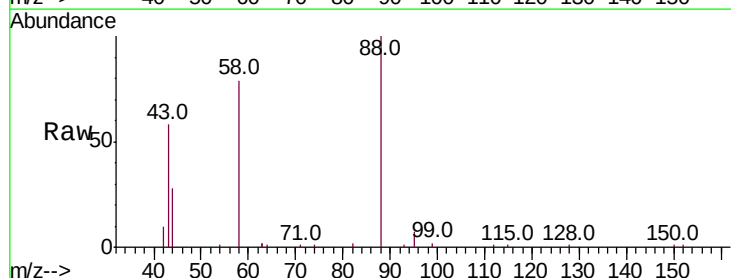
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



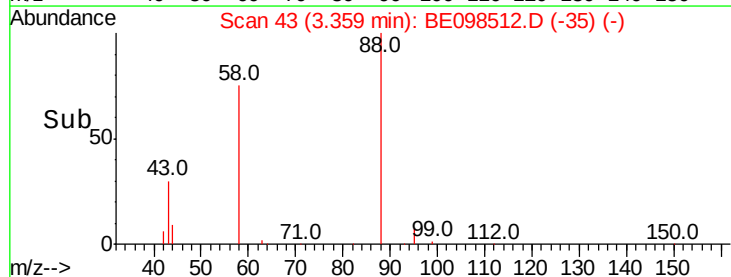
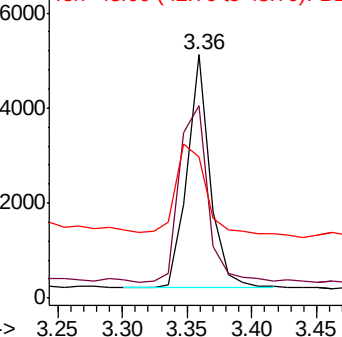
#2

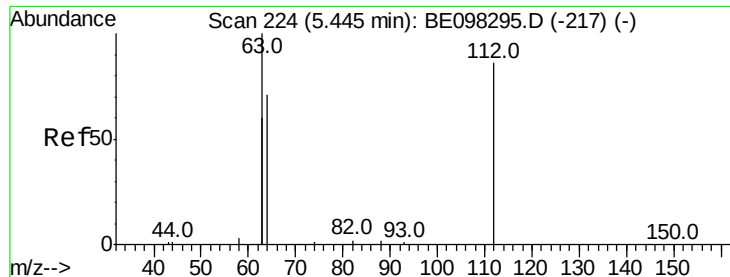
1,4-Dioxane
Concen: 4.872 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098512.D
Acq: 18 Dec 2018 12:40

Tgt Ion: 88 Resp: 6075
Ion Ratio Lower Upper
88 100
58 93.0 75.0 112.6
43 49.2 38.3 57.5



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.242 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

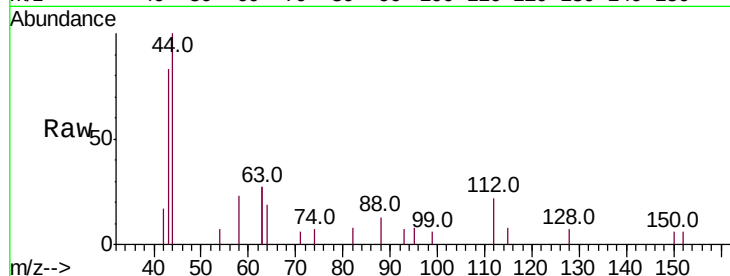
Tot Ion:112 Resp: 408

Ion Ratio Lower Upper

112 100

64 64.0 59.8 89.8

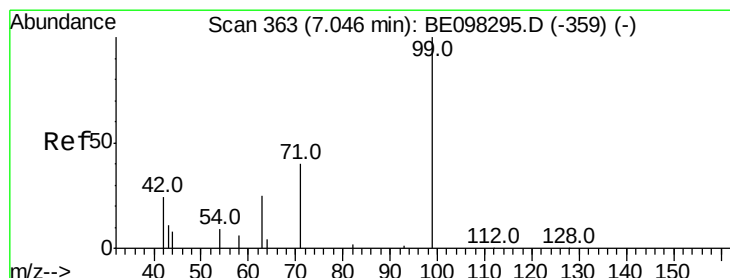
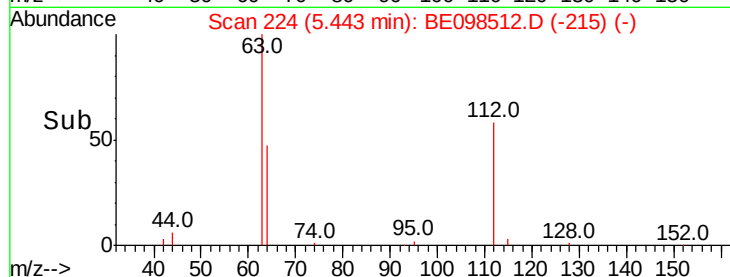
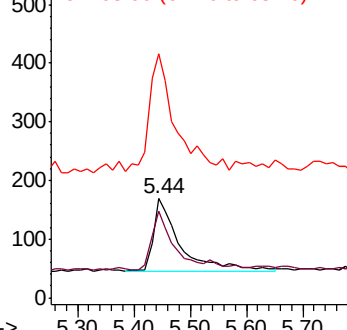
63 150.7 133.7 200.5



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: 0.126 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

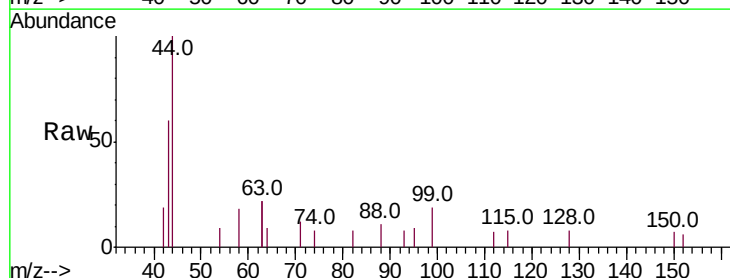
Tgt Ion: 99 Resp: 300

Ion Ratio Lower Upper

99 100

42 66.7 26.3 39.5#

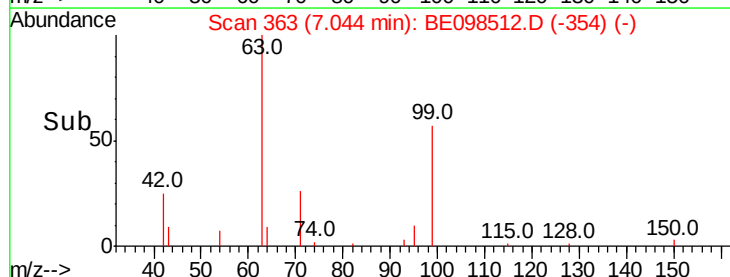
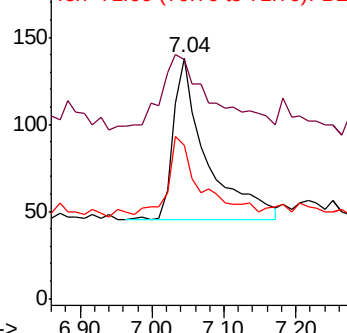
71 46.3 33.6 50.4

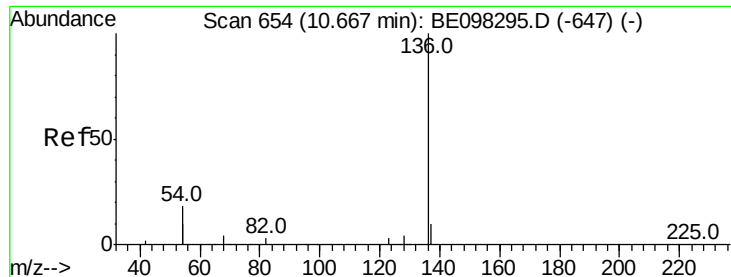


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

Tot Ion:136 Resp: 3785

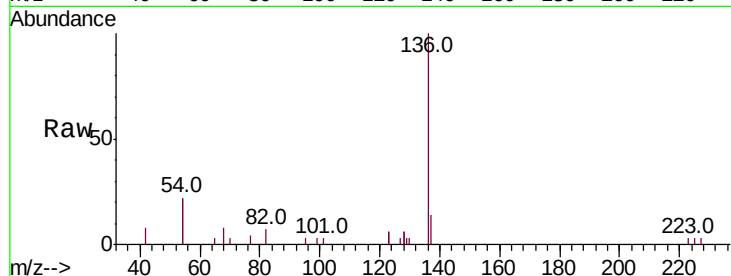
Ion Ratio Lower Upper

136 100

137 13.8 9.2 13.8#

54 44.2 28.4 42.6#

68 7.9 5.4 8.0

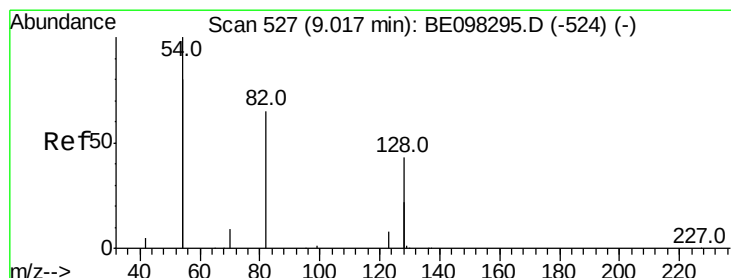
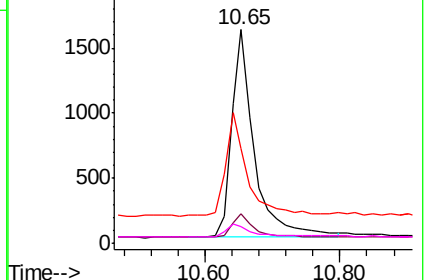
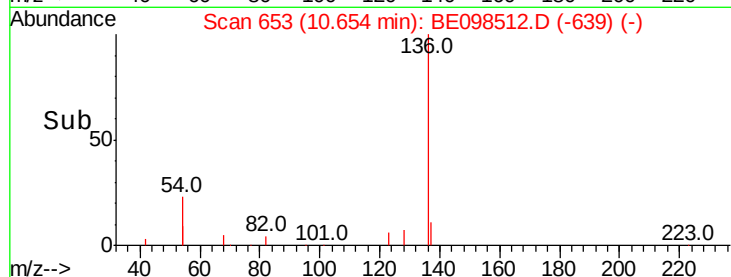


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.316 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

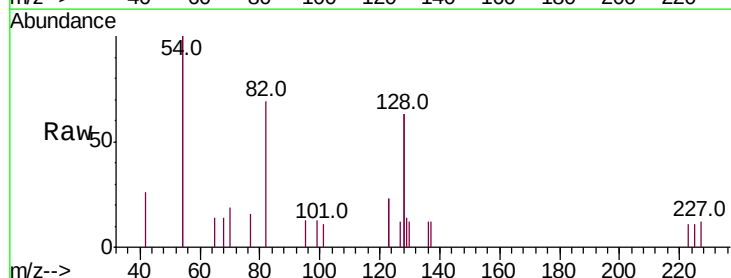
Tgt Ion: 82 Resp: 1090

Ion Ratio Lower Upper

82 100

128 182.9 102.4 153.6#

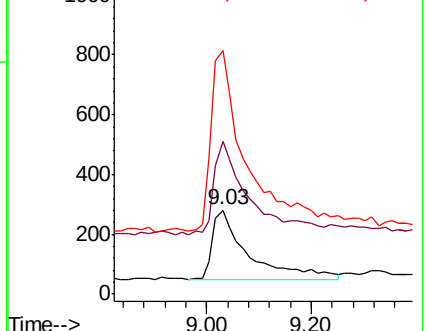
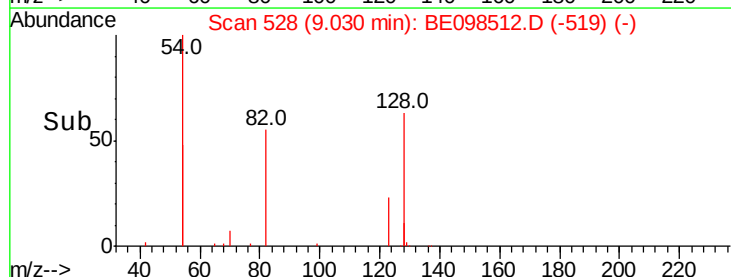
54 290.7 221.8 332.8

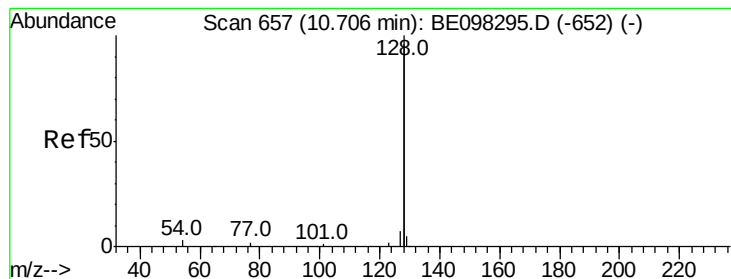


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.010 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

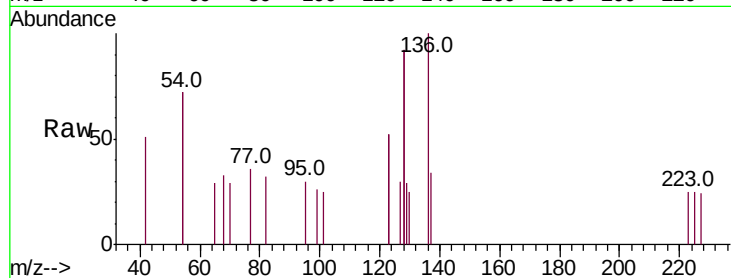
Tot Ion:128 Resp: 393

Ion Ratio Lower Upper

128 100

129 15.8 2.5 3.7#

127 16.1 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

10.71

400

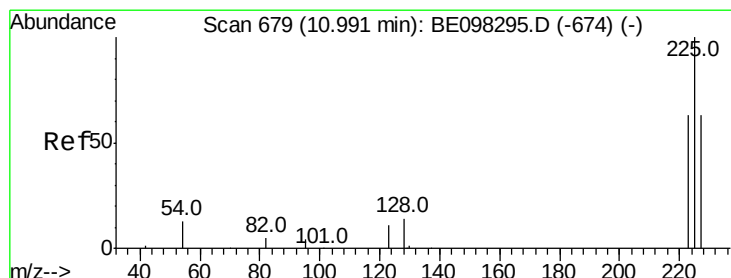
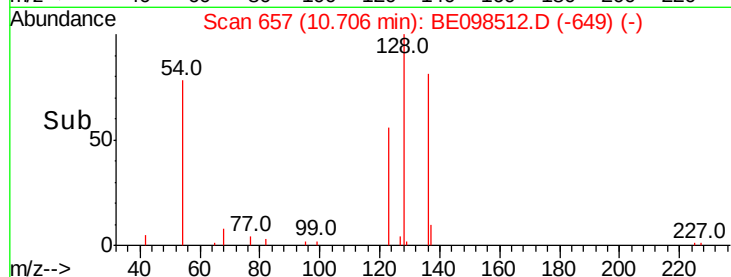
300

200

100

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.006 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

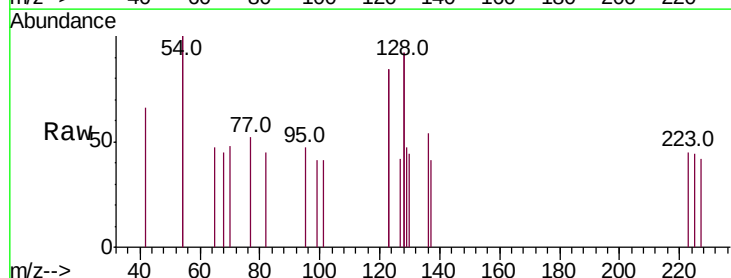
Tgt Ion:225 Resp: 15

Ion Ratio Lower Upper

225 100

223 66.7 49.4 74.0

227 53.3 52.0 78.0



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

10.98

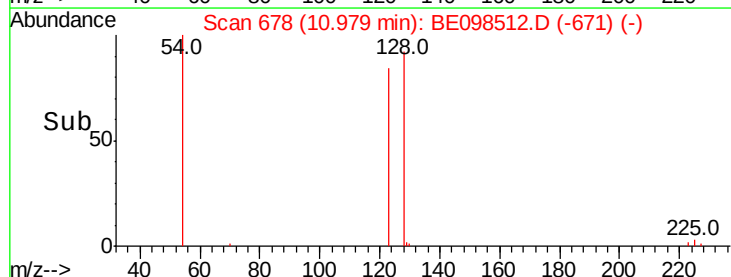
60

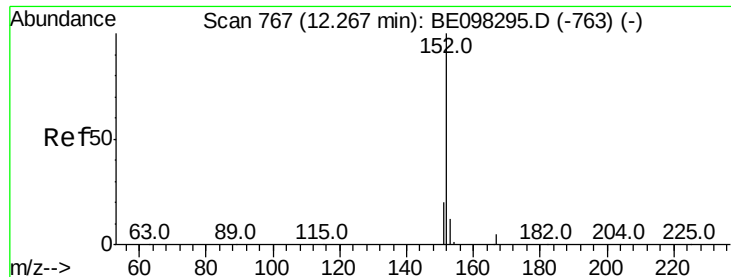
40

20

0

Time-->

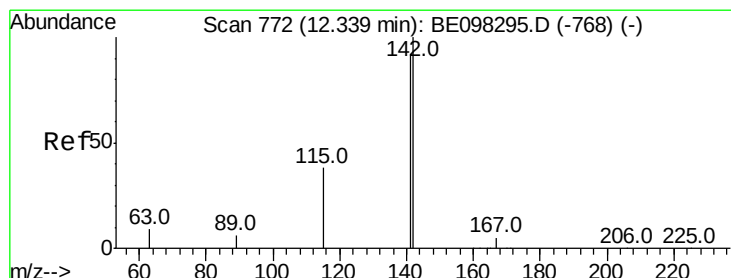
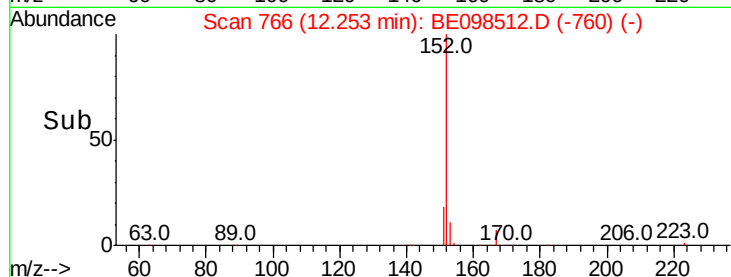
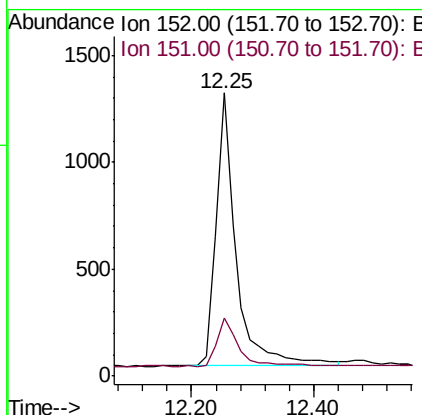
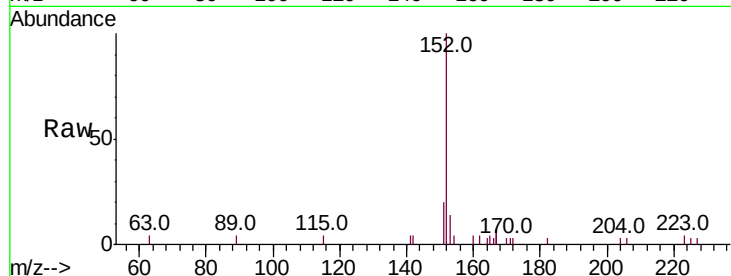




#11
 2-Methylnaphthalene-d10
 Concen: 0.472 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098512.D
 Acq: 18 Dec 2018 12:40

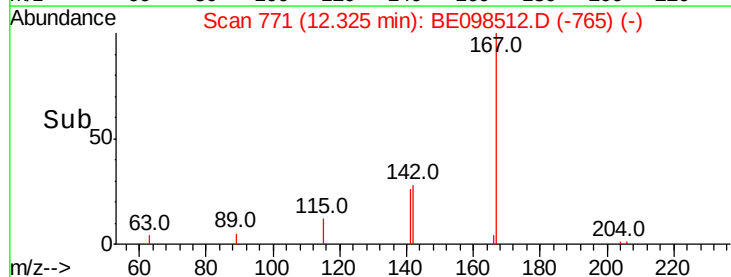
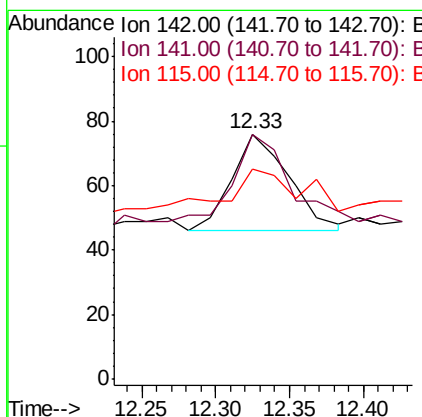
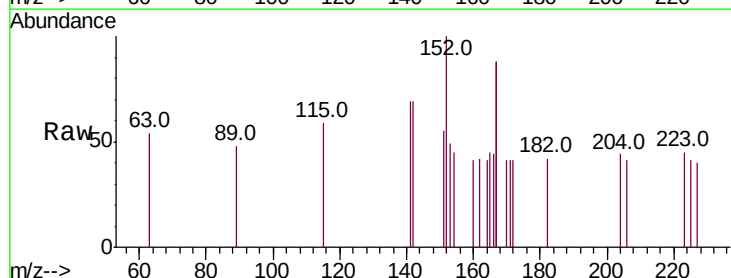
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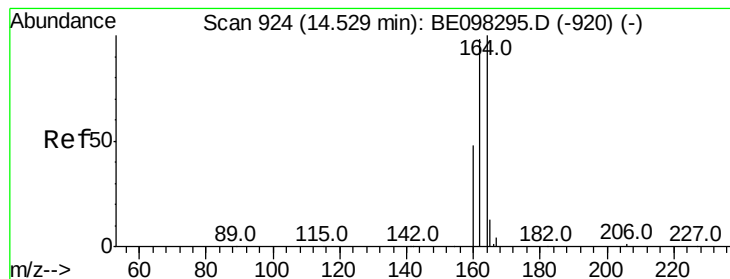
Tot Ion:152 Resp: 2906
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.013 ng
 RT: 12.33 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BE098512.D
 Acq: 18 Dec 2018 12:40

Tgt Ion:142 Resp: 80
 Ion Ratio Lower Upper
 142 100
 141 100.0 71.0 106.6
 115 85.5 32.2 48.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

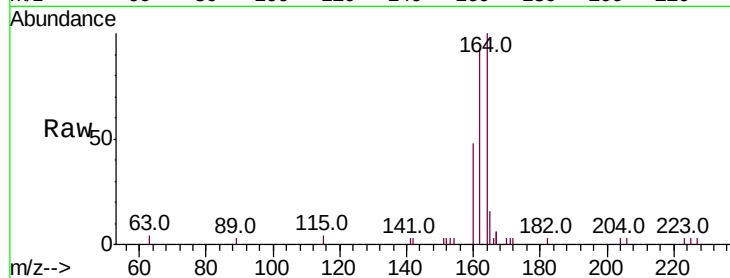
Tot Ion:164 Resp: 2684

Ion Ratio Lower Upper

164 100

162 92.8 77.6 116.4

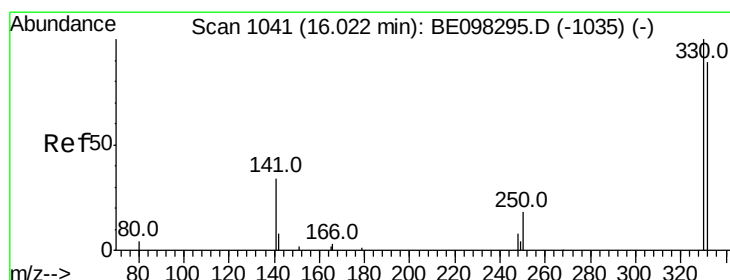
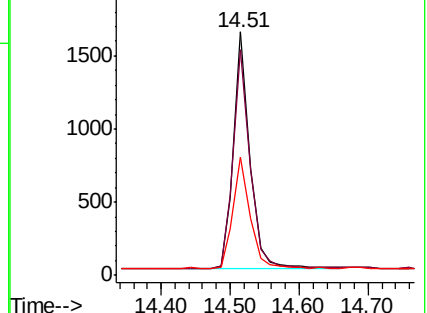
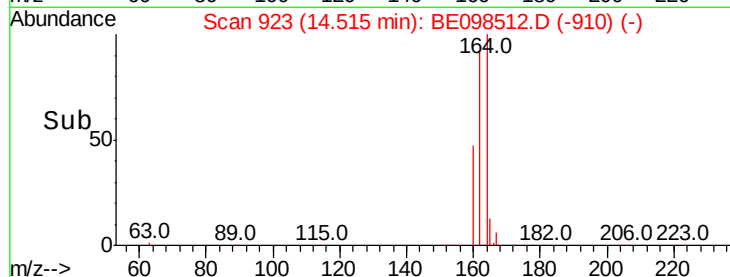
160 48.4 36.0 54.0



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: 0.364 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

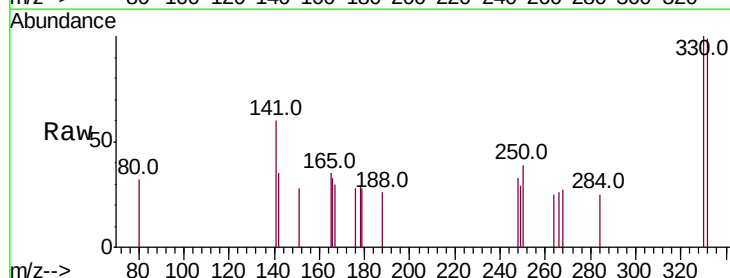
Tgt Ion:330 Resp: 359

Ion Ratio Lower Upper

330 100

332 93.3 76.2 114.4

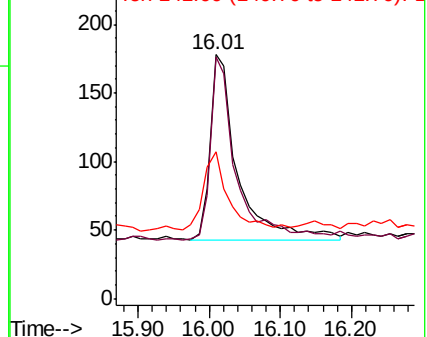
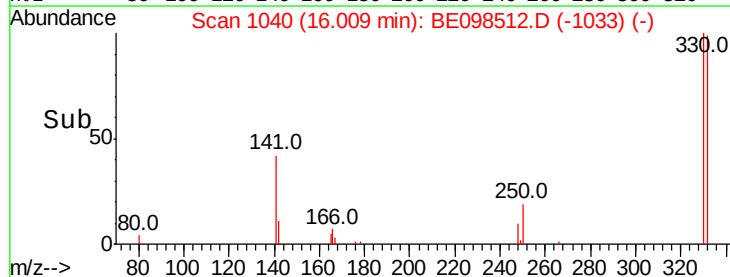
141 38.4 39.0 58.4#

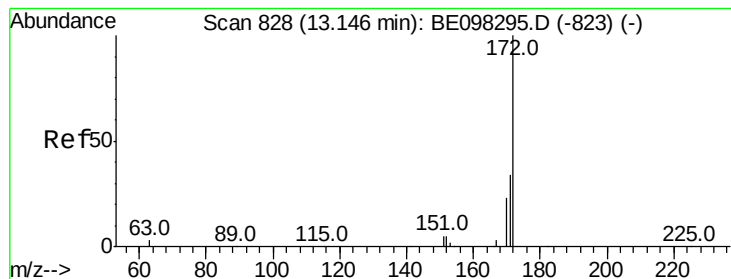


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.445 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

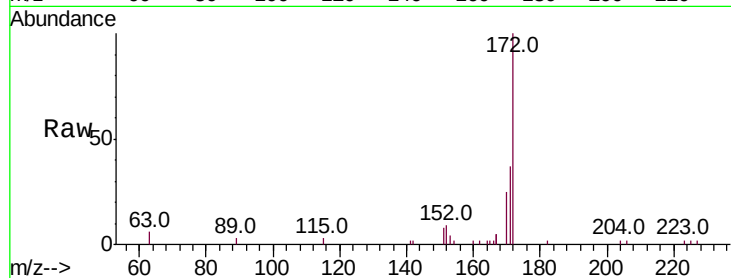
Tot Ion:172 Resp: 5041

Ion Ratio Lower Upper

172 100

171 36.8 27.5 41.3

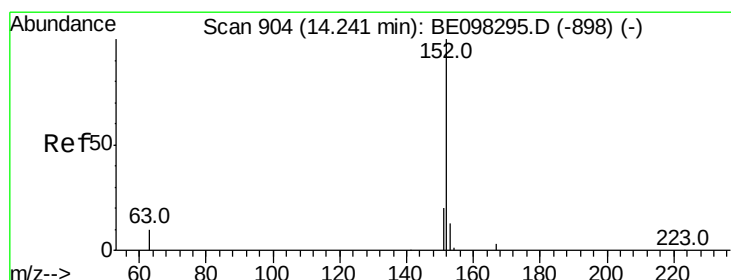
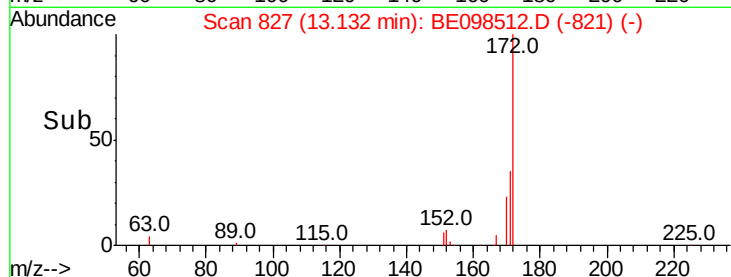
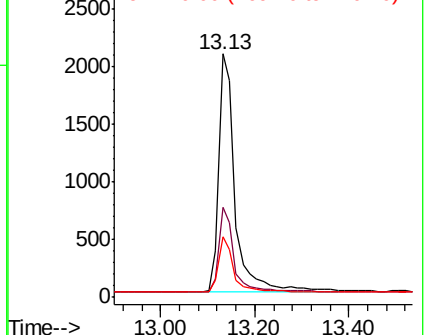
170 25.0 19.6 29.4



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: 0.005 ng

RT: 14.24 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

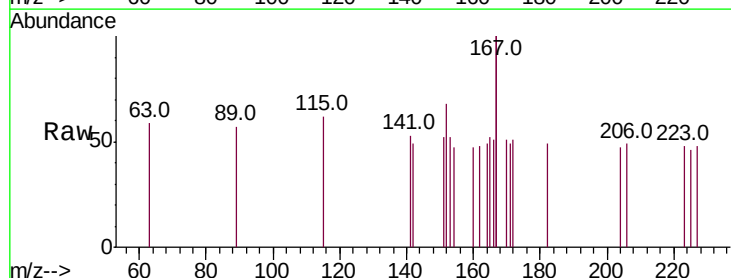
Tgt Ion:152 Resp: 61

Ion Ratio Lower Upper

152 100

151 0.0 15.5 23.3#

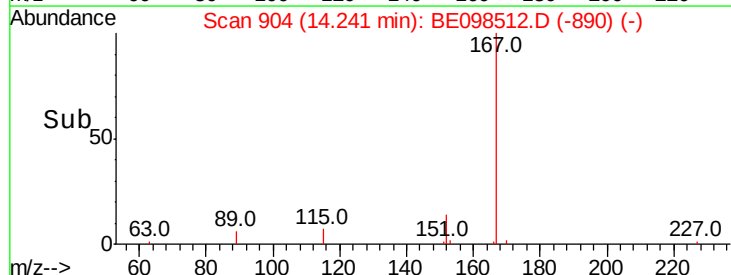
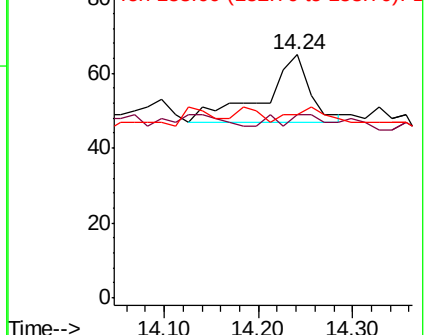
153 16.4 10.6 16.0#

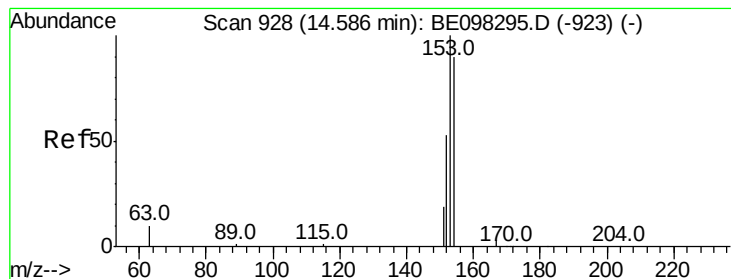


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.003 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

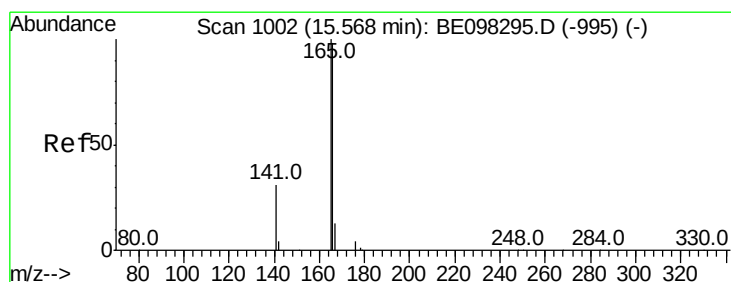
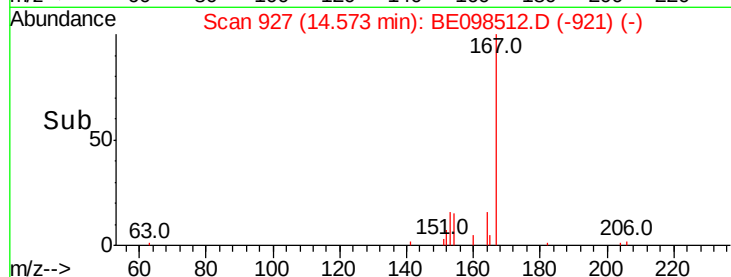
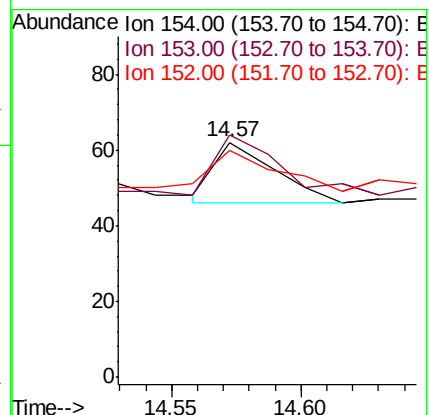
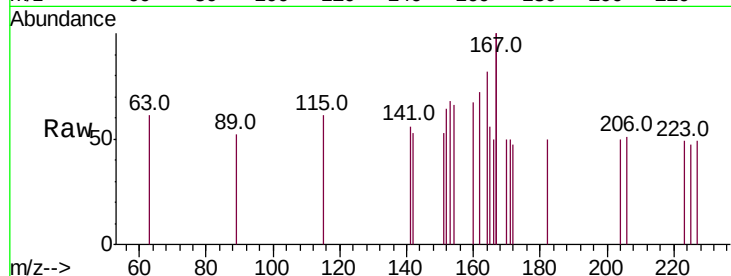
Tot Ion:154 Resp: 26

Ion Ratio Lower Upper

154 100

153 84.6 91.8 137.6#

152 76.9 45.5 68.3#



#18

Fluorene

Concen: 0.008 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

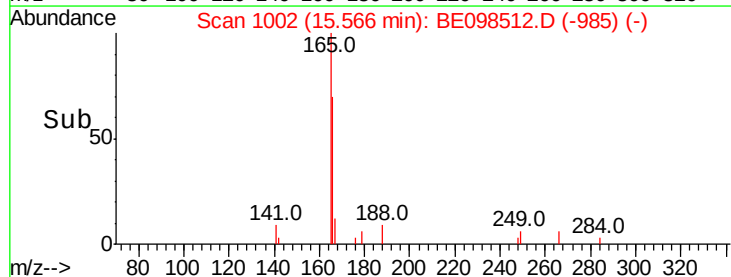
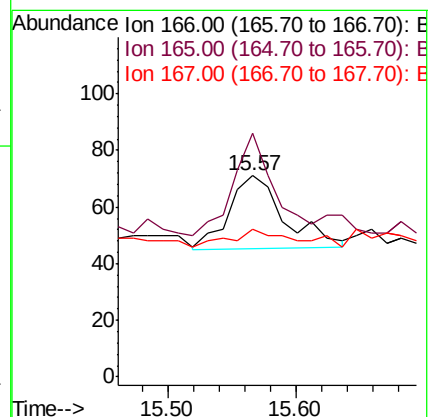
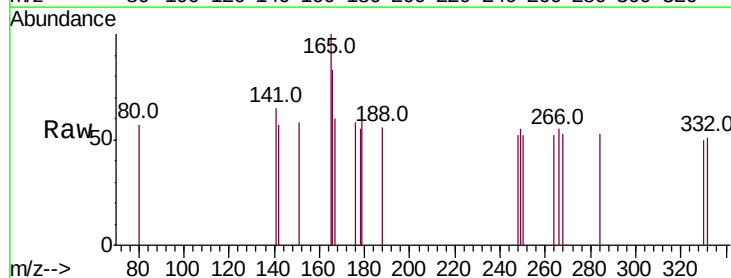
Tgt Ion:166 Resp: 77

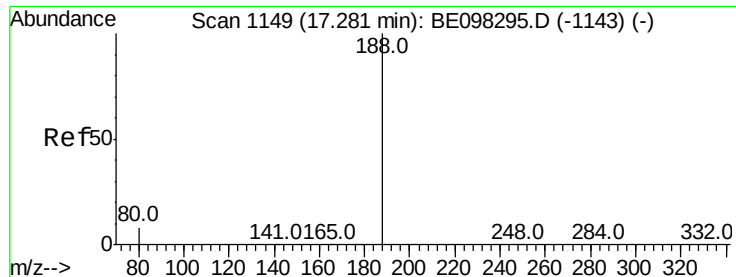
Ion Ratio Lower Upper

166 100

165 102.6 79.3 118.9

167 22.1 11.3 16.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

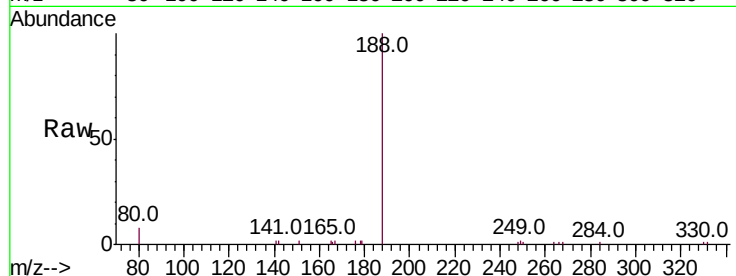
Tot Ion:188 Resp: 6401

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

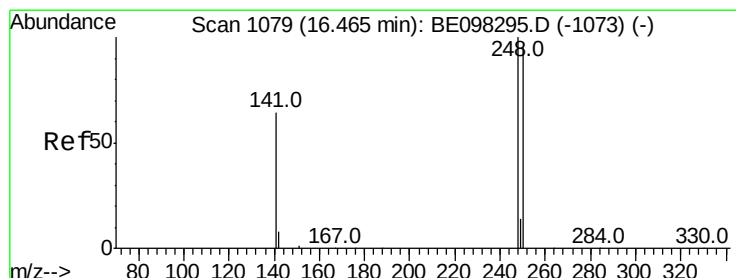
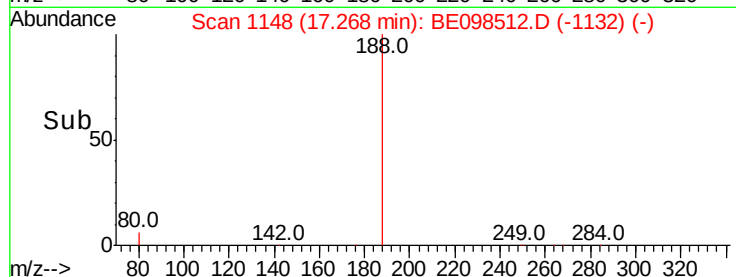
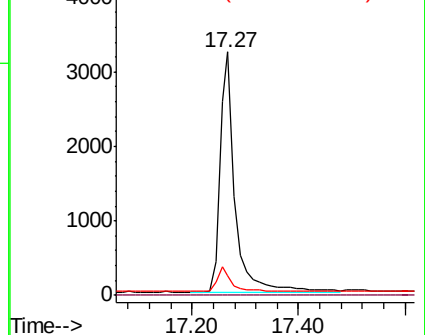
80 8.1 7.2 10.8



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: 0.005 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

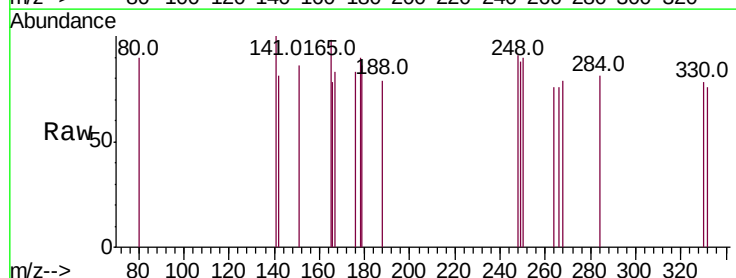
Tgt Ion:248 Resp: 17

Ion Ratio Lower Upper

248 100

250 98.1 71.0 106.6

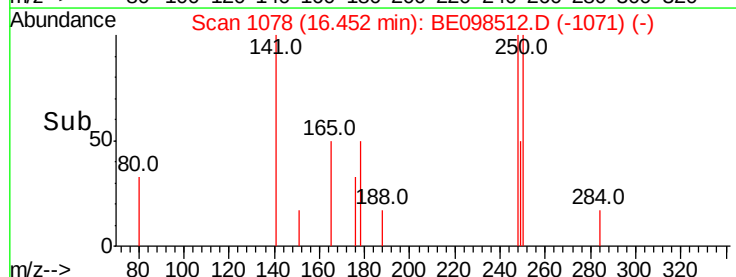
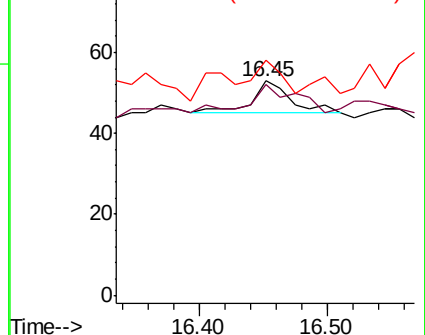
141 109.4 62.1 93.1#

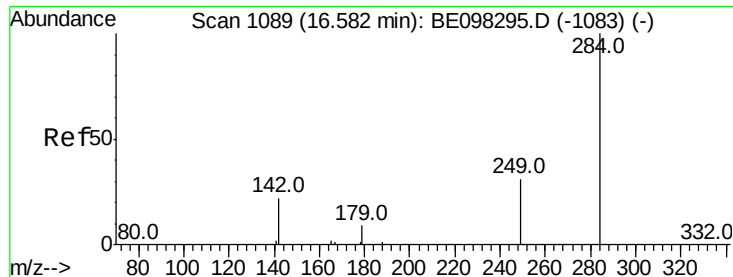


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.008 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

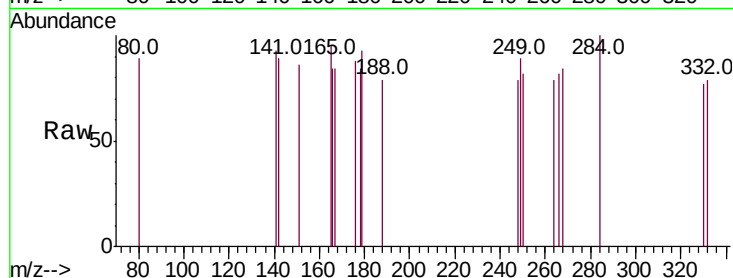
Tot Ion:284 Resp: 28

Ion Ratio Lower Upper

284 100

142 0.0 26.3 39.5#

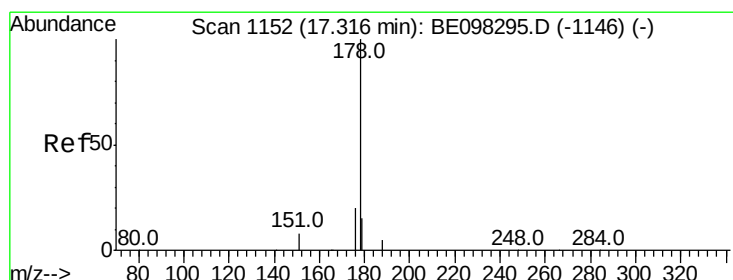
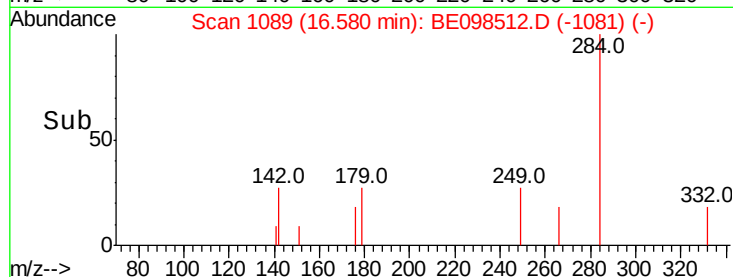
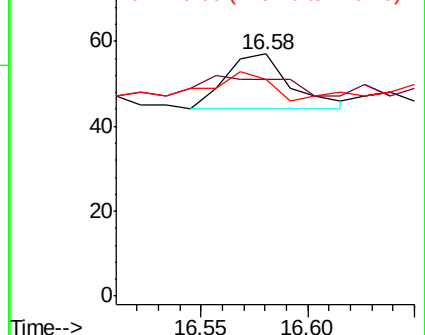
249 0.0 26.0 39.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#23

Phenanthrene

Concen: 0.010 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

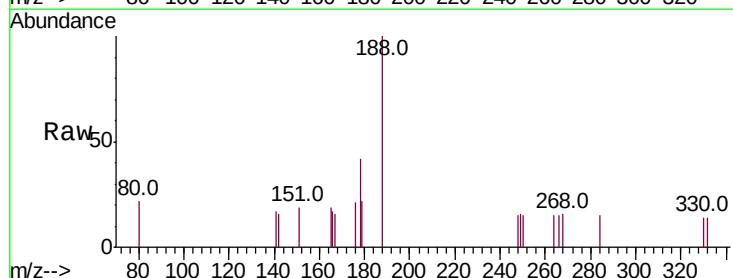
Tgt Ion:178 Resp: 152

Ion Ratio Lower Upper

178 100

176 25.7 15.9 23.9#

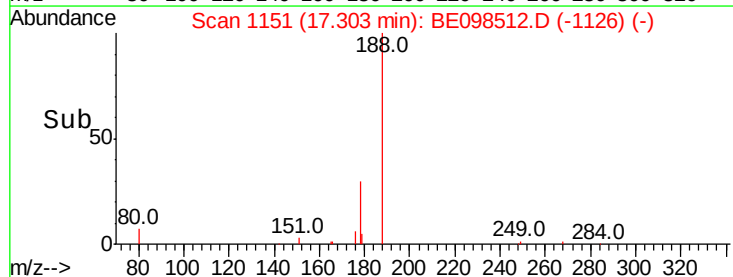
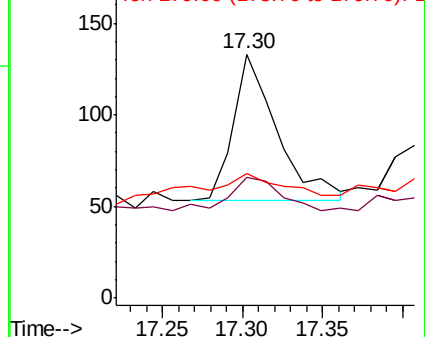
179 46.7 12.3 18.5#

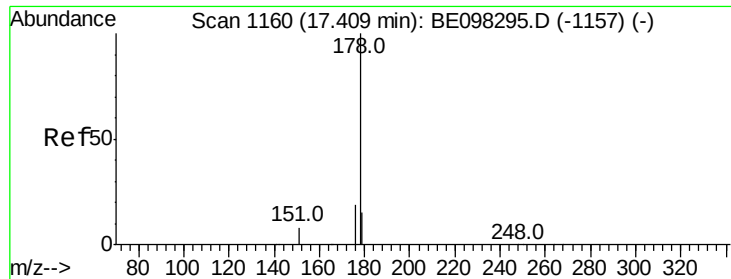


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.005 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

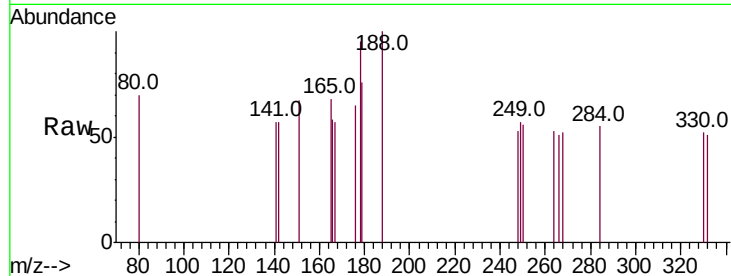
Tot Ion:178 Resp: 73

Ion Ratio Lower Upper

178 100

176 27.4 15.0 22.4#

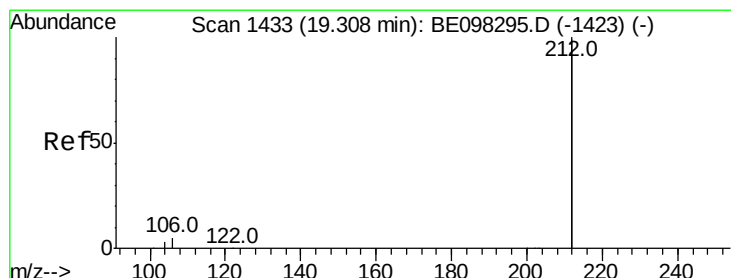
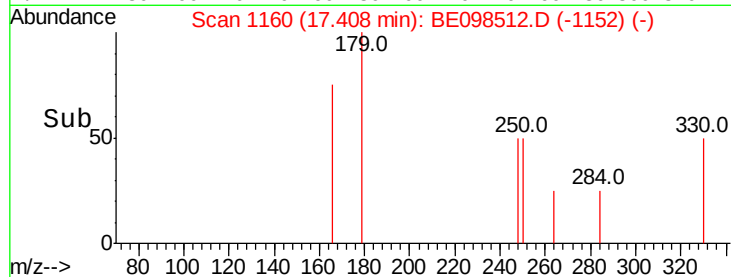
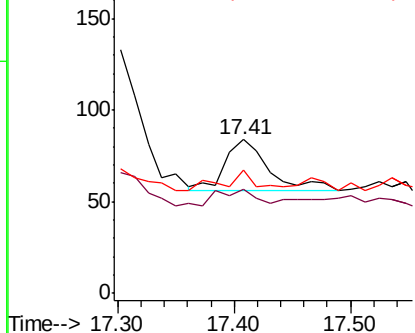
179 28.8 12.3 18.5#



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: 0.444 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

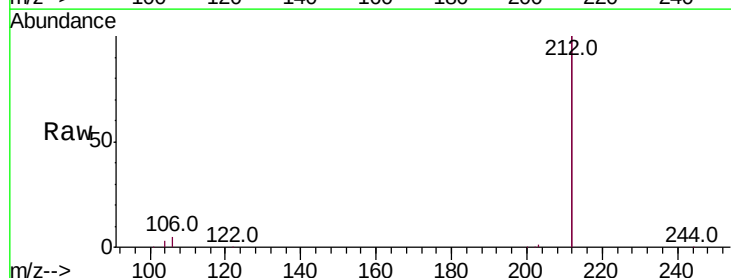
Tgt Ion:212 Resp: 36500

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

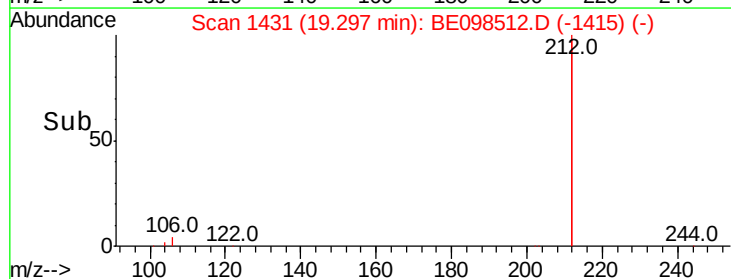
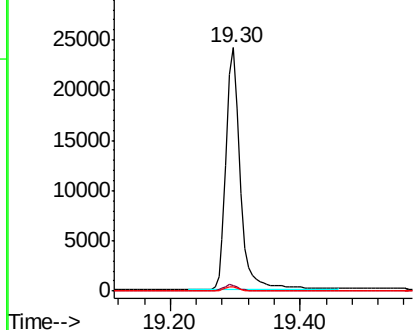
104 1.4 1.3 1.9

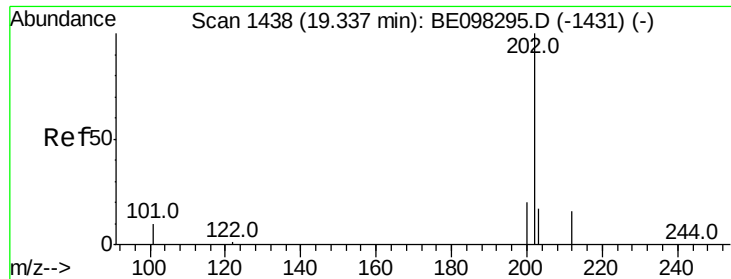


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

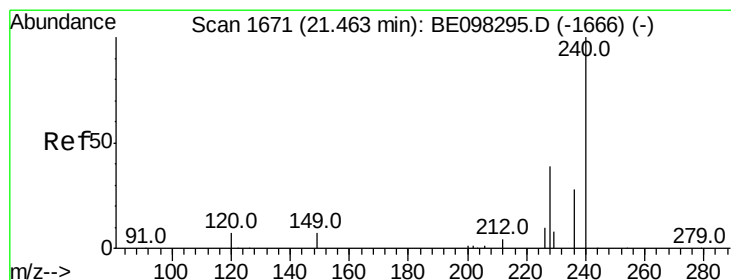
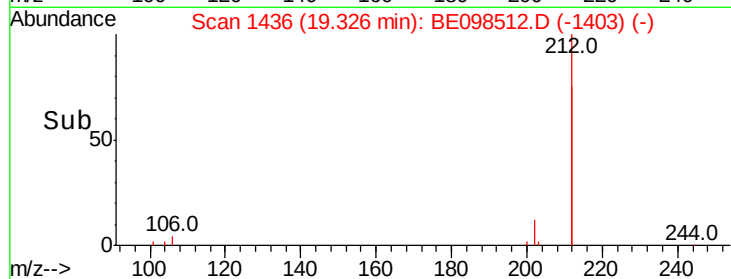
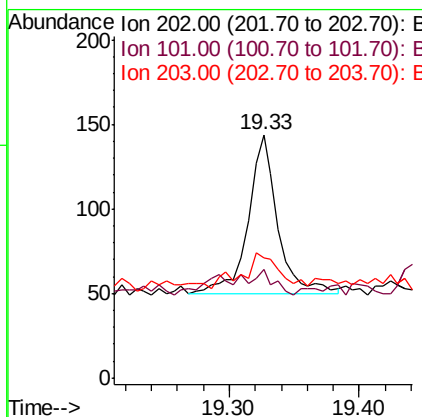
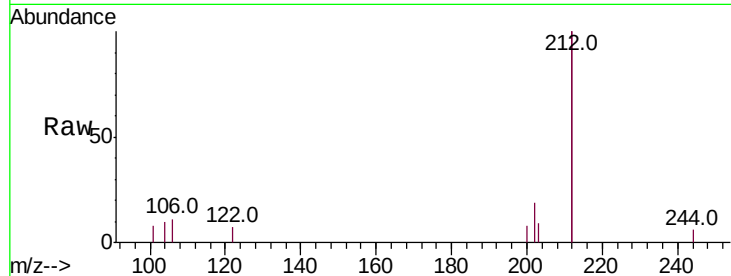




#26
 Fluoranthene
 Concen: 0.007 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE098512.D
 Acq: 18 Dec 2018 12:40

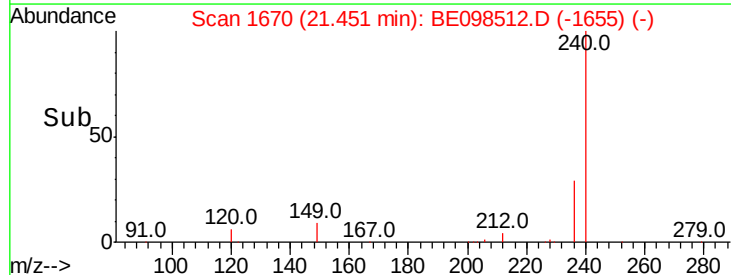
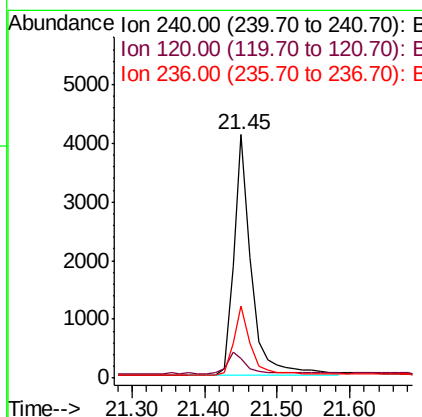
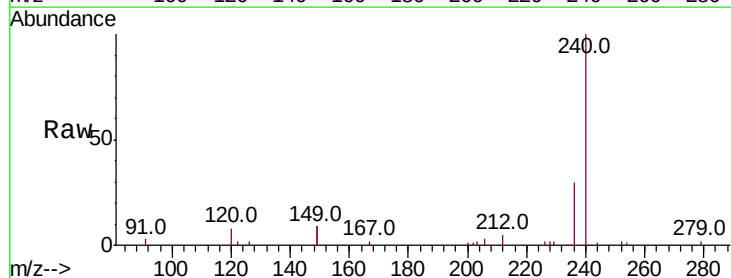
Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210MSD

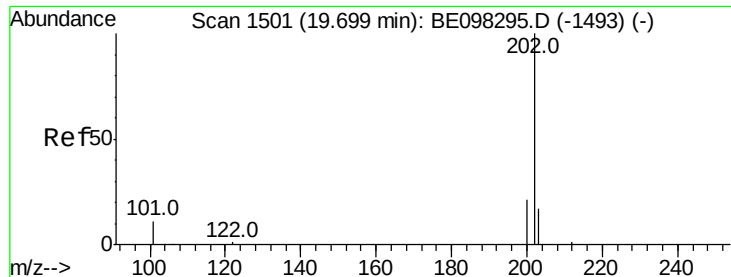
Tot Ion:202 Resp: 148
 Ion Ratio Lower Upper
 202 100
 101 14.2 8.0 12.0#
 203 20.3 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098512.D
 Acq: 18 Dec 2018 12:40

Tgt Ion:240 Resp: 7003
 Ion Ratio Lower Upper
 240 100
 120 8.0 9.5 14.3#
 236 29.8 22.7 34.1

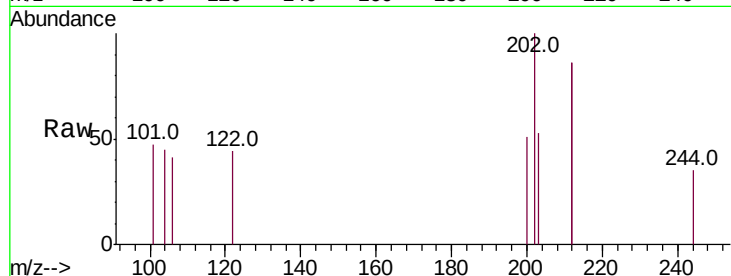




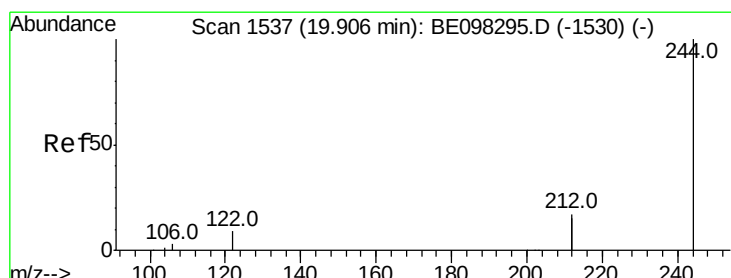
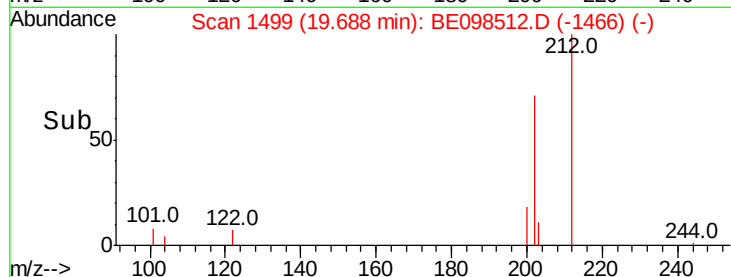
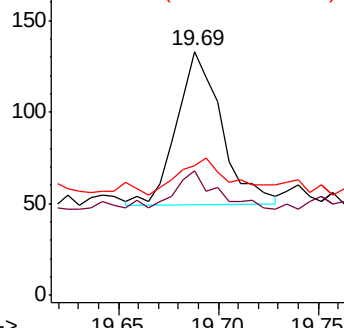
#28
Pvrene
Concen: 0.006 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098512.D
Acq: 18 Dec 2018 12:40

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210MSD

Tot Ion:202 Resp: 130
Ion Ratio Lower Upper
202 100
200 23.8 16.7 25.1
203 26.2 14.1 21.1#

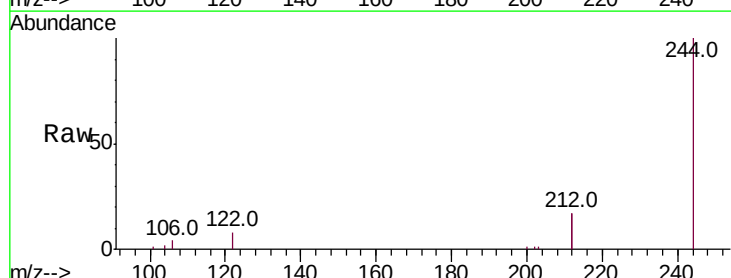


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

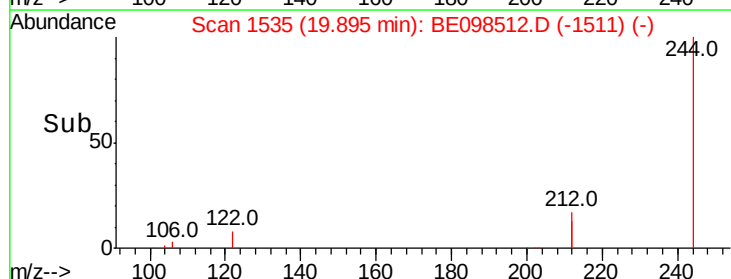
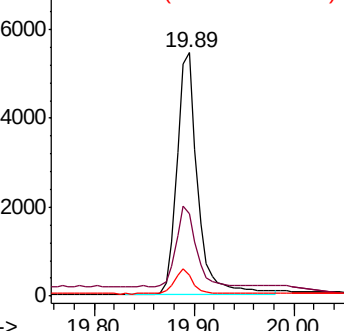


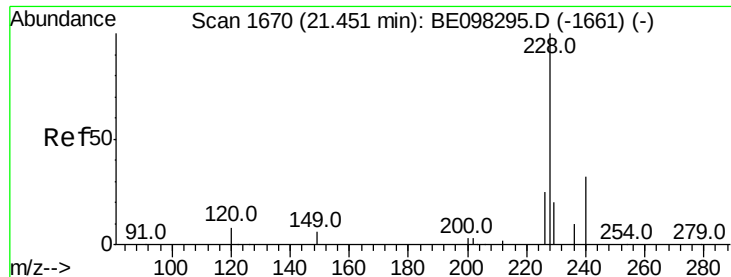
#29
Terphenyl-d14
Concen: 0.458 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098512.D
Acq: 18 Dec 2018 12:40

Tgt Ion:244 Resp: 7795
Ion Ratio Lower Upper
244 100
212 34.0 27.4 41.0
122 8.5 8.3 12.5



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: 0.010 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

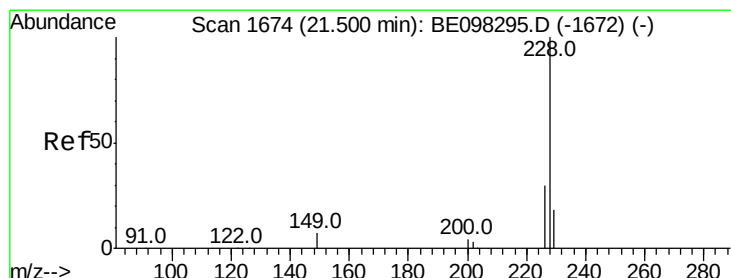
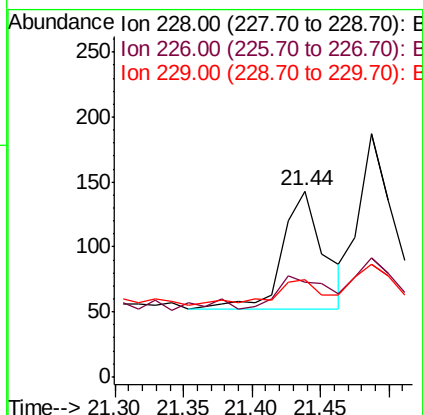
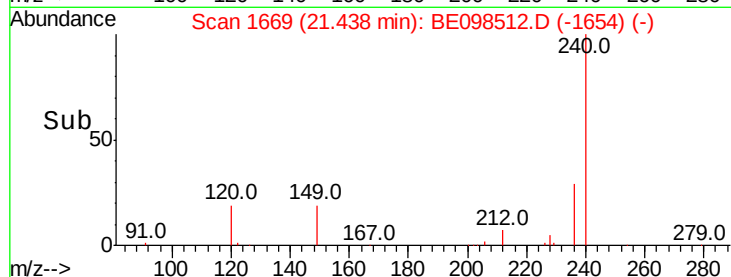
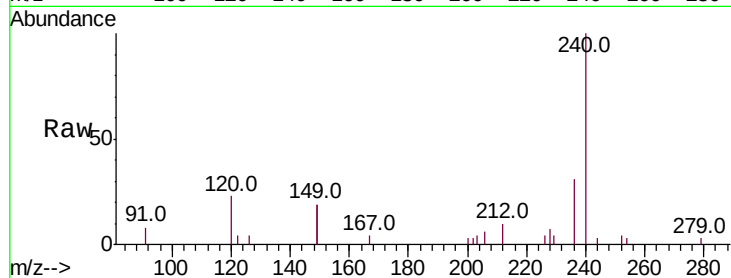
Tot Ion:228 Resp: 192

Ion Ratio Lower Upper

228 100

226 51.0 21.8 32.8#

229 52.4 16.3 24.5#



#31

Chrysene

Concen: 0.011 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

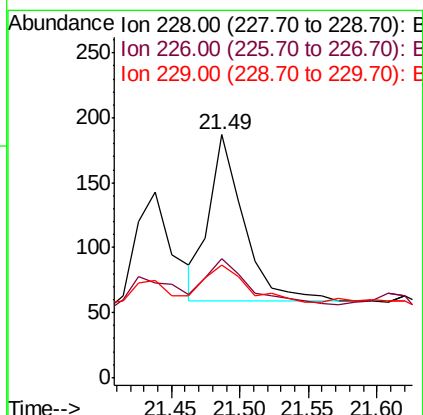
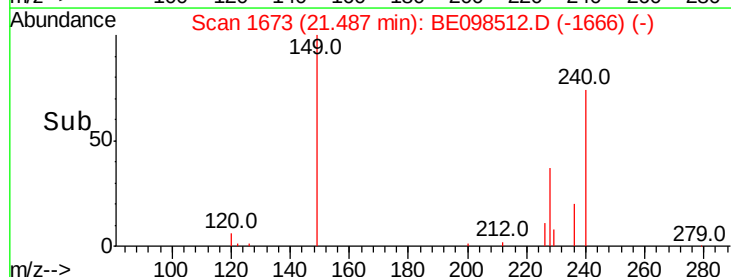
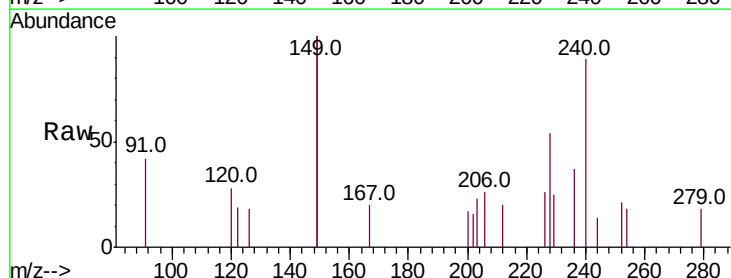
Tgt Ion:228 Resp: 225

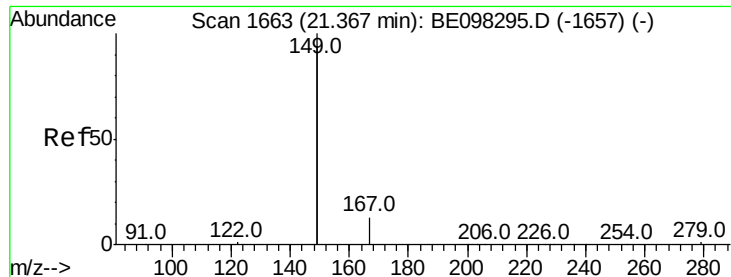
Ion Ratio Lower Upper

228 100

226 49.2 23.4 35.0#

229 46.5 16.2 24.4#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.090 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

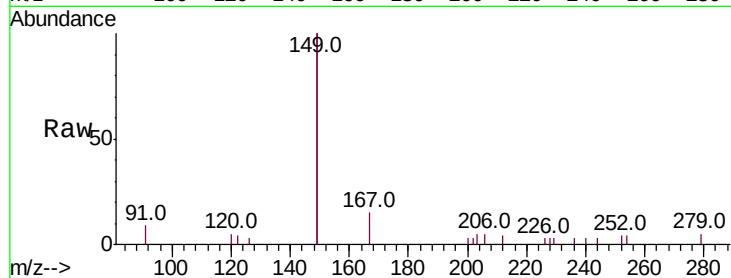
Tot Ion:149 Resp: 3634

Ion Ratio Lower Upper

149 100

167 6.3 5.7 8.5

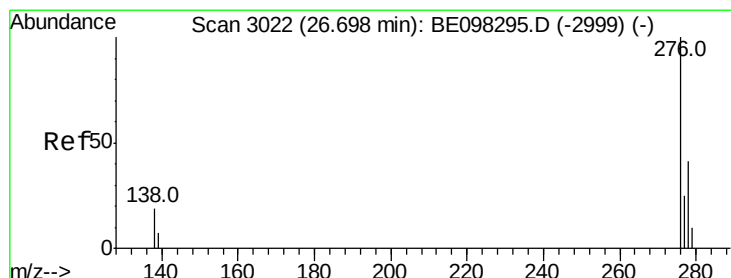
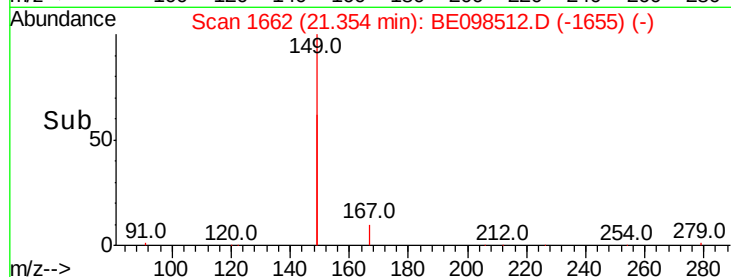
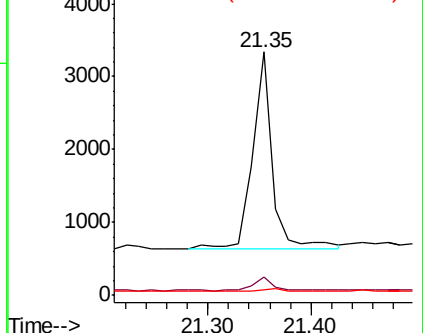
279 1.8 1.0 1.4#



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: 0.001 ng

RT: 26.68 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

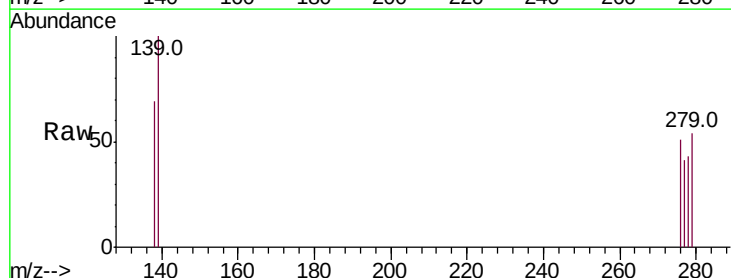
Tgt Ion:276 Resp: 11

Ion Ratio Lower Upper

276 100

138 509.1 16.3 24.5#

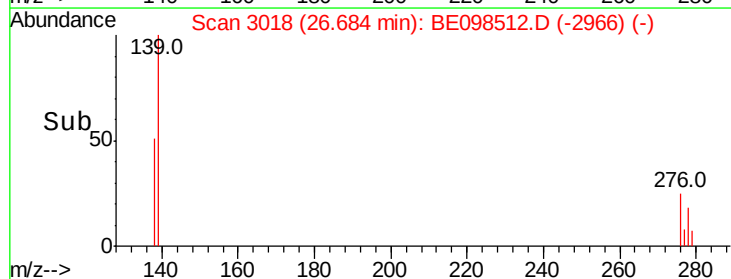
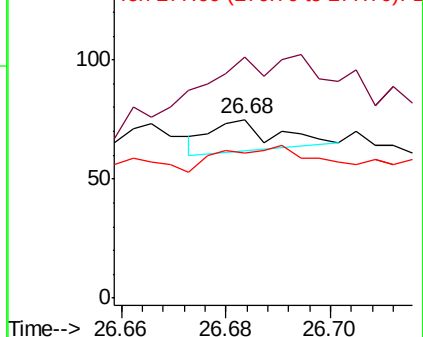
277 136.4 20.2 30.4#

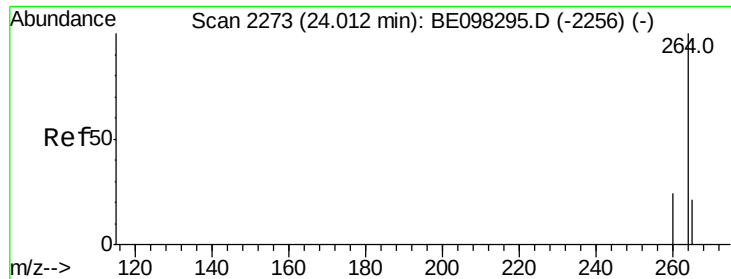


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



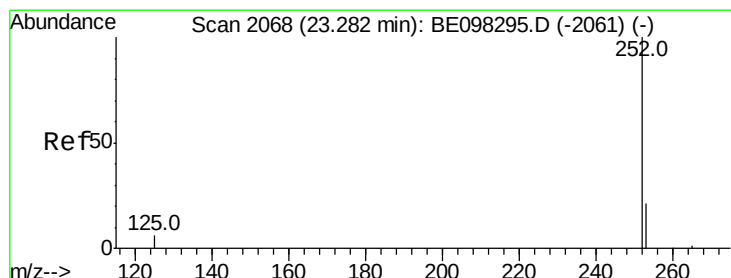
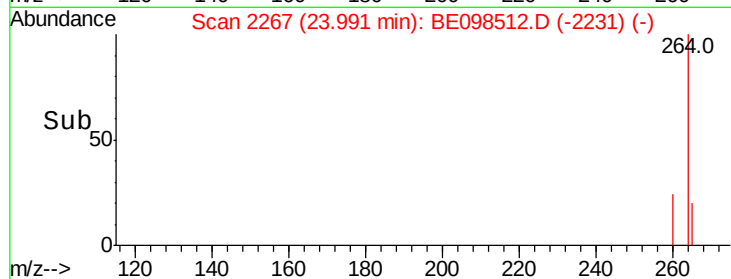
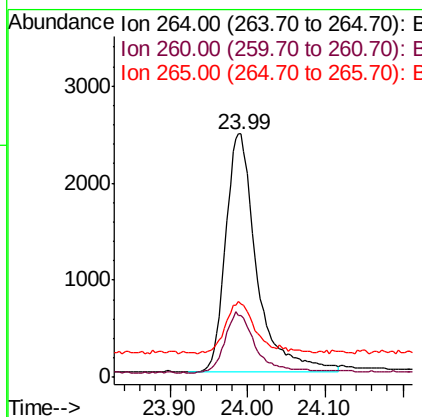
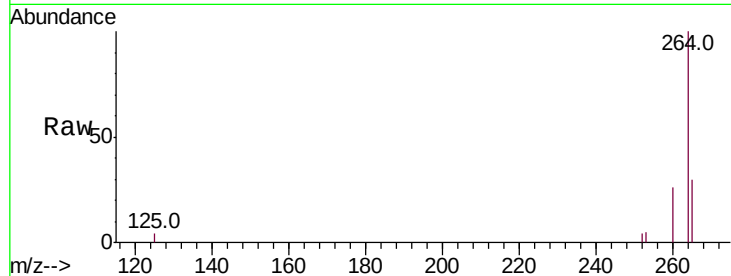


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BE098512.D
Acq: 18 Dec 2018 12:40

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210MSD

Tot Ion:264 Resp: 6861

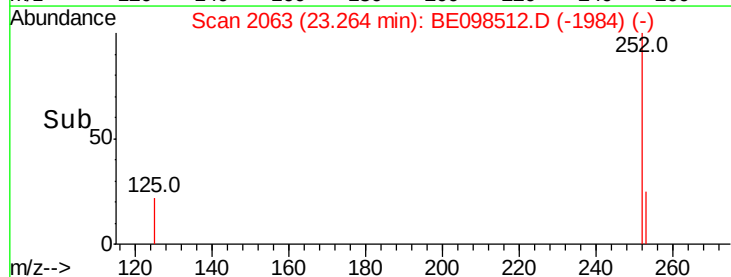
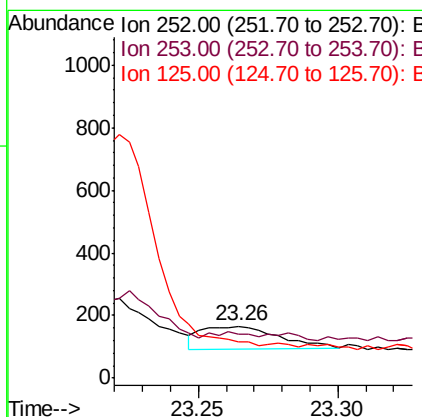
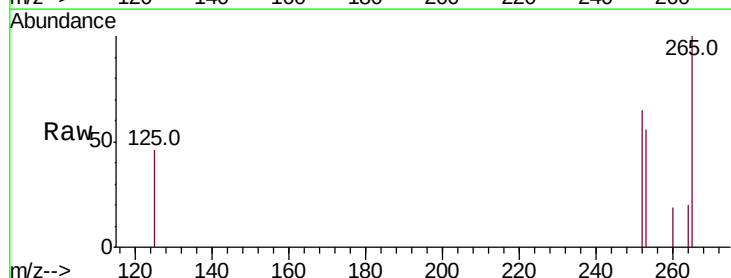
Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	30.1	25.2	37.8

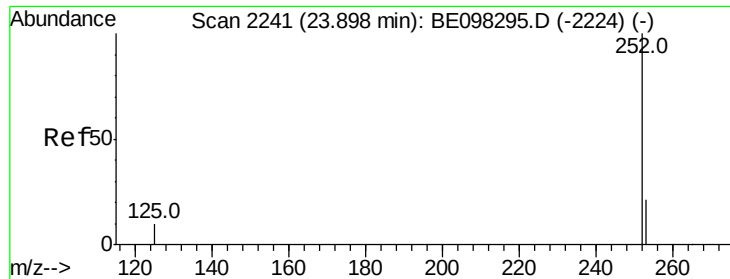


#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 23.26 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BE098512.D
Acq: 18 Dec 2018 12:40

Tgt Ion:252 Resp: 143

Ion	Ratio	Lower	Upper
252	100		
253	84.9	19.0	28.6#
125	71.1	9.1	13.7#





#37

Benzo(a)pyrene

Concen: 0.016 ng

RT: 23.89 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD

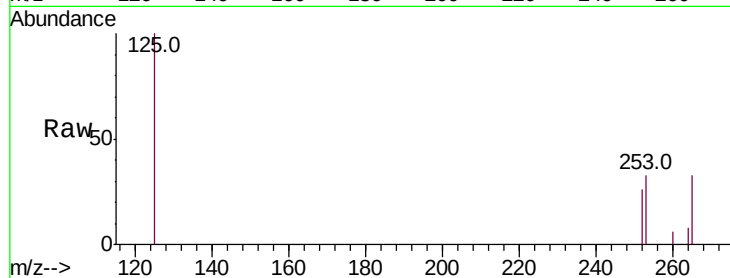
Tot Ion:252 Resp: 311

Ion Ratio Lower Upper

252 100

253 129.1 20.6 30.8#

125 388.2 10.5 15.7#

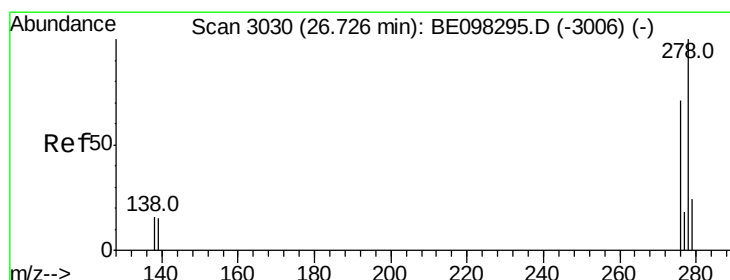
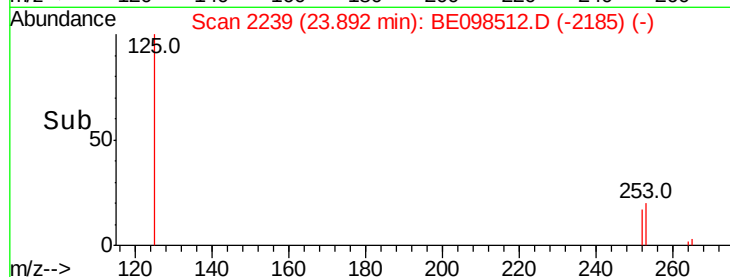
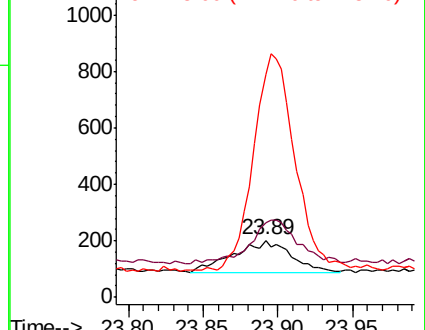


Abundance

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: 0.001 ng

RT: 26.68 min Scan# 3017

Delta R.T. -0.05 min

Lab File: BE098512.D

Acq: 18 Dec 2018 12:40

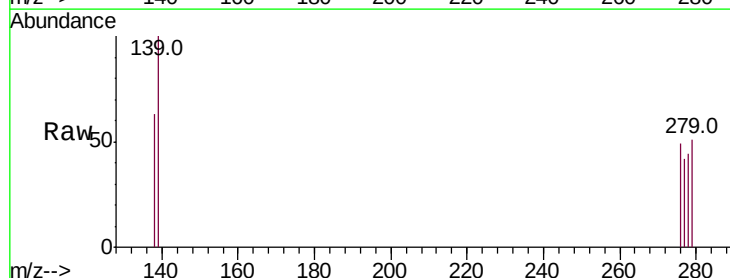
Tgt Ion:278 Resp: 22

Ion Ratio Lower Upper

278 100

139 229.2 14.5 21.7#

279 116.9 21.8 32.8#

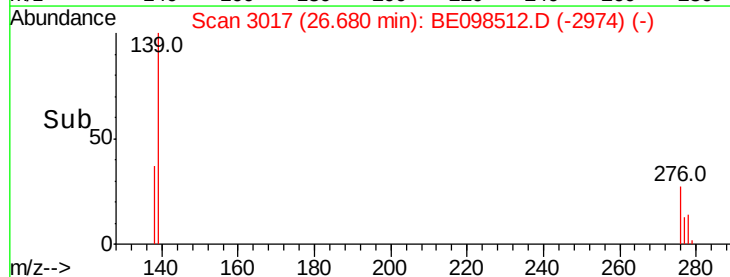
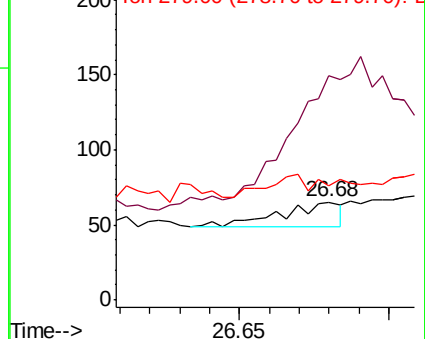


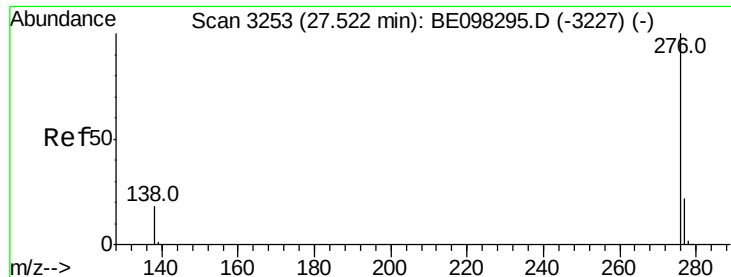
Abundance

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: 0.000 ng

RT: 27.49 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BE098512.D

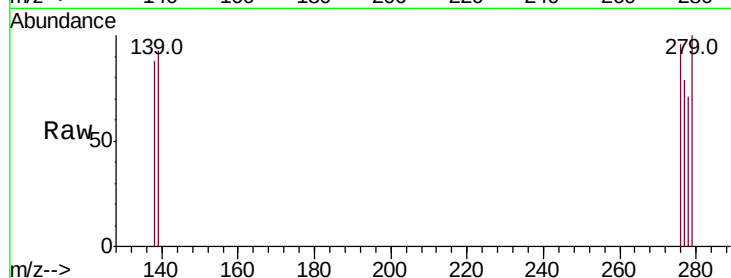
Acq: 18 Dec 2018 12:40

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210MSD



Tot Ion:276 Resp: 9

Ion Ratio Lower Upper

276 100

277 82.6 20.8 31.2#

138 91.3 15.8 23.6#

