

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
 Data File : BE098173.D
 Acq On : 7 Nov 2018 14:38
 Operator : SJ/JU
 Sample : J5820-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C19013081MSD

Quant Time: Nov 07 16:27:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	793	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3811	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3490	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7181	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8058	0.40	ng	0.00
34) Perylene-d12	24.01	264	7927	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	528	0.22	ng	0.00
5) Phenol-d6	7.04	99	503	0.13	ng	0.00
8) Nitrobenzene-d5	9.02	82	1871	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	4633	0.69	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	797	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5563	0.39	ng	-0.01
25) Fluoranthene-d10	19.31	212	40650	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	11605	0.62	ng	0.00

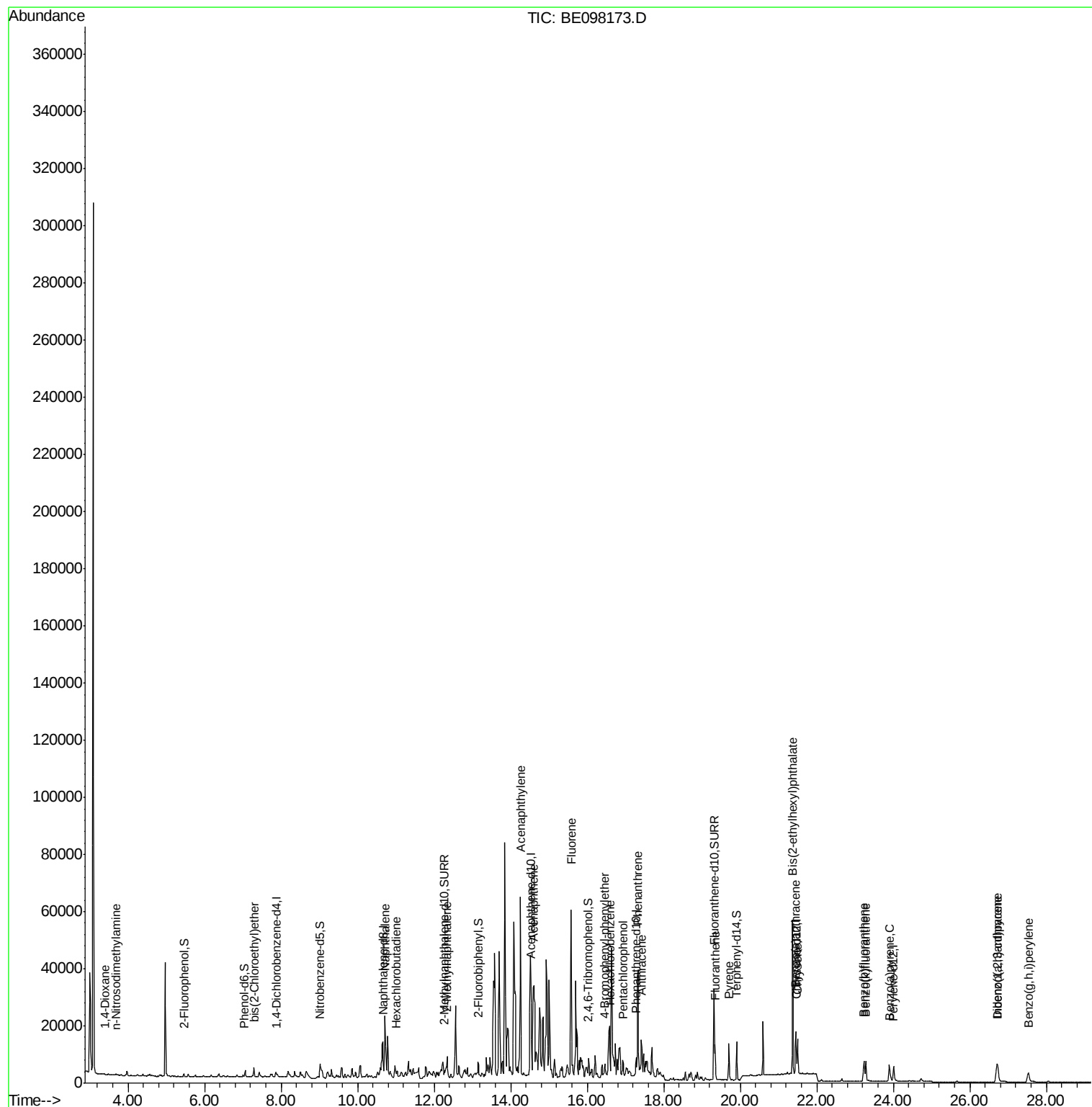
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	222	0.188	ng	# 50
3) n-Nitrosodimethylamine	3.69	42	421	0.267	ng	# 59
6) bis(2-Chloroethyl)ether	7.29	93	1148	0.405	ng	# 79
9) Naphthalene	10.72	128	30349	0.797	ng	# 89
10) Hexachlorobutadiene	11.00	225	894	0.358	ng	# 93
12) 2-Methylnaphthalene	12.34	142	4562	0.671	ng	# 87
16) Acenaphthylene	14.25	152	12407	0.779	ng	# 46
17) Acenaphthene	14.60	154	16062	1.680	ng	# 88
18) Fluorene	15.58	166	43450	3.425	ng	# 94
20) 4-Bromophenyl-phenylether	16.46	248	1866	0.426	ng	# 71
21) Hexachlorobenzene	16.59	284	1768	0.386	ng	# 86
22) Pentachlorophenol	16.94	266	1401	1.169	ng	# 97
23) Phenanthrene	17.33	178	43101	2.423	ng	# 96
24) Anthracene	17.41	178	12734	0.753	ng	# 95
26) Fluoranthene	19.34	202	10839	0.486	ng	# 96
28) Pyrene	19.70	202	11407	0.519	ng	# 98
30) Benzo(a)anthracene	21.45	228	11356	0.482	ng	# 96
31) Chrysene	21.50	228	10664	0.458	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.37	149	61425	1.033	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.71	276	10552	0.436	ng	# 97
35) Benzo(b)fluoranthene	23.23	252	10055	0.450	ng	# 91
36) Benzo(k)fluoranthene	23.28	252	9878	0.427	ng	# 91
37) Benzo(a)pyrene	23.90	252	9756	0.447	ng	# 91
38) Dibenzo(a,h)anthracene	26.73	278	9334	0.459	ng	# 95
39) Benzo(g,h,i)perylene	27.53	276	9174	0.453	ng	# 91

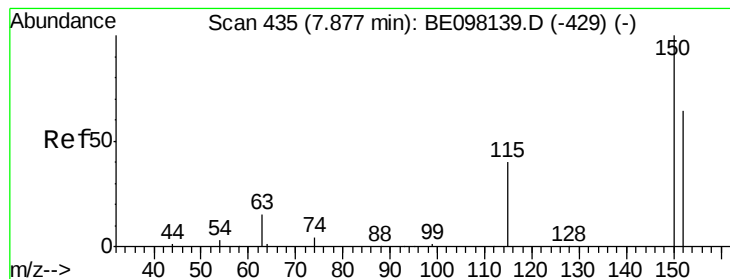
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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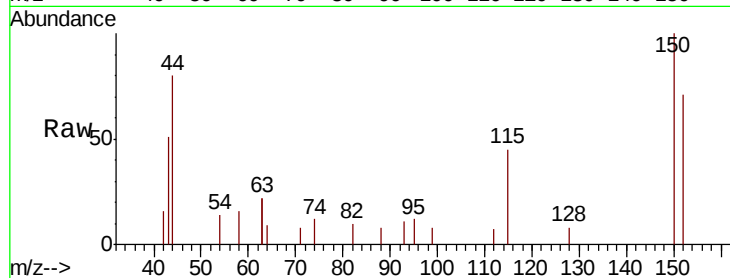


#1

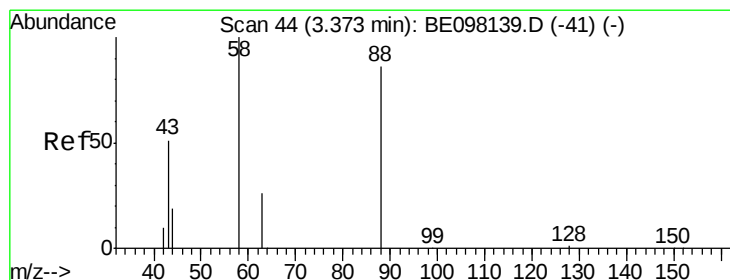
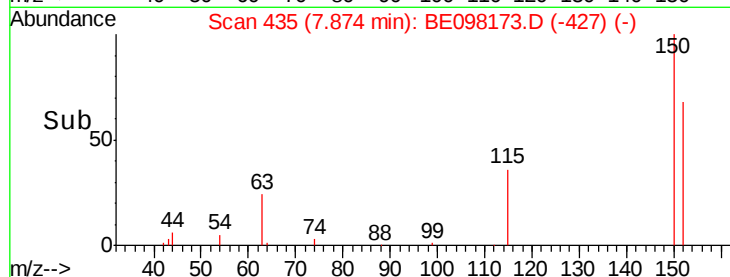
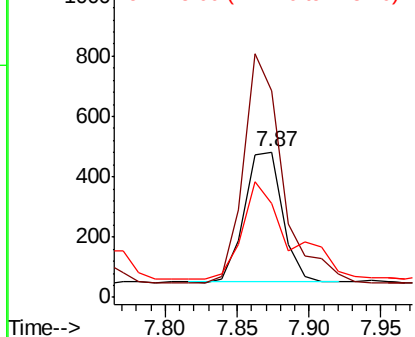
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

Tot Ion:152 Resp: 793
Ion Ratio Lower Upper
152 100
150 141.7 118.2 177.4
115 64.3 50.9 76.3



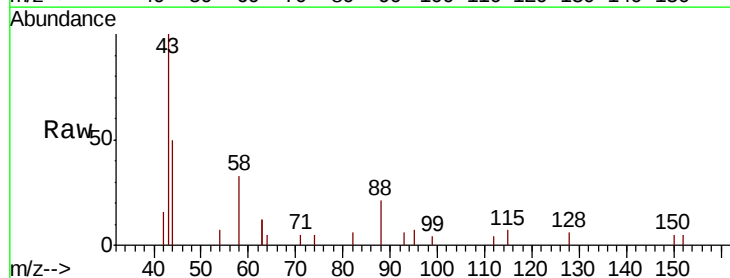
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



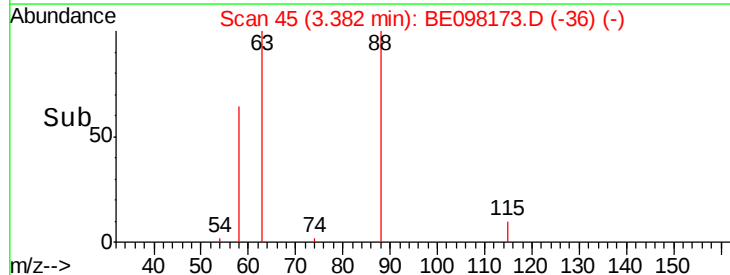
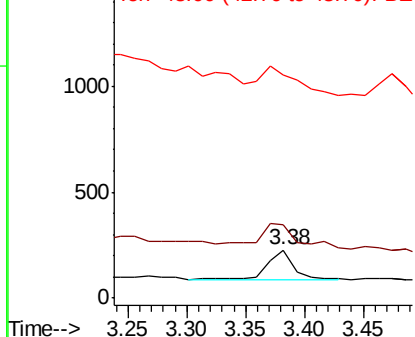
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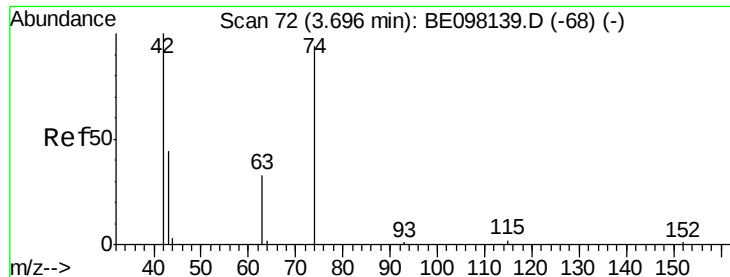
1,4-Dioxane
Concen: 0.188 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion: 88 Resp: 222
Ion Ratio Lower Upper
88 100
58 97.3 73.2 109.8
43 137.4 36.9 55.3#



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



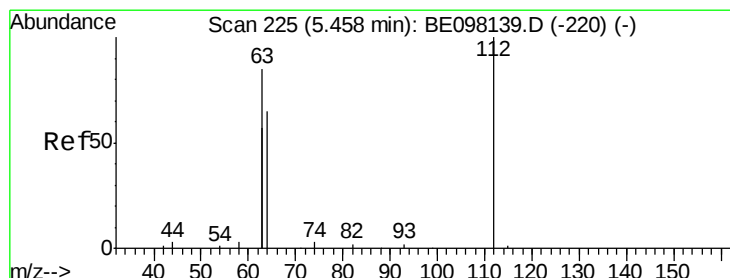
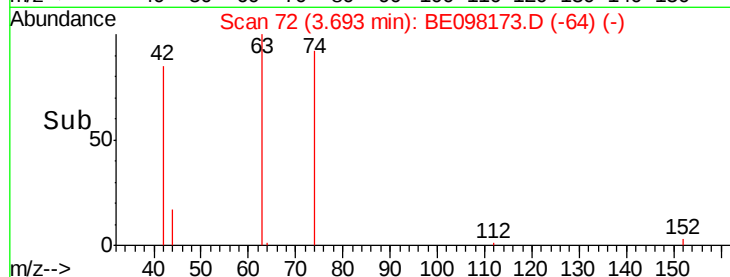
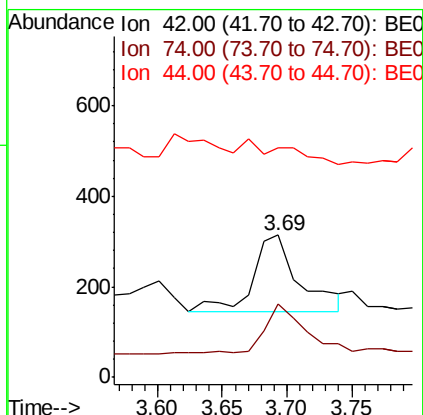
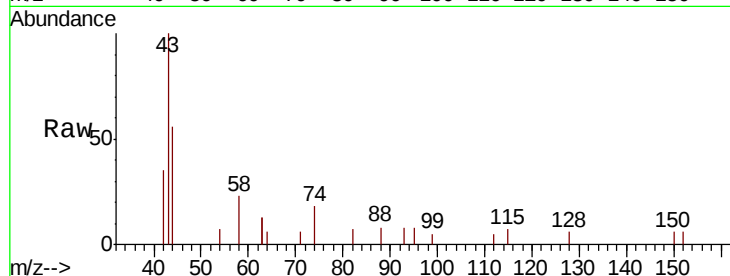


#3

n-Nitrosodimethylamine
 Concen: 0.267 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098173.D
 Acq: 7 Nov 2018 14:38

Instrument :
 BNA_E
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 C19013081MSD

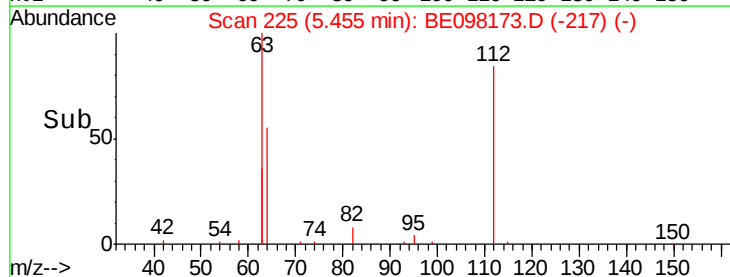
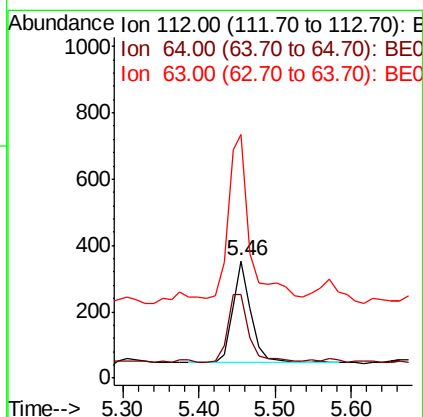
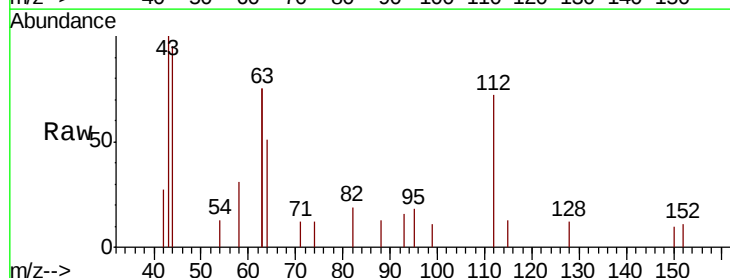
Tot Ion: 42 Resp: 421
 Ion Ratio Lower Upper
 42 100
 74 55.1 77.6 116.4#
 44 0.0 7.6 11.4#

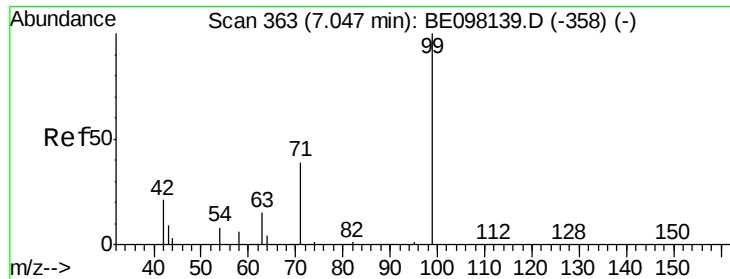


#4

2-Fluorophenol
 Concen: 0.224 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098173.D
 Acq: 7 Nov 2018 14:38

Tgt Ion: 112 Resp: 528
 Ion Ratio Lower Upper
 112 100
 64 75.9 58.9 88.3
 63 188.3 120.3 180.5#





#5

Phenol-d6

Concen: 0.130 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

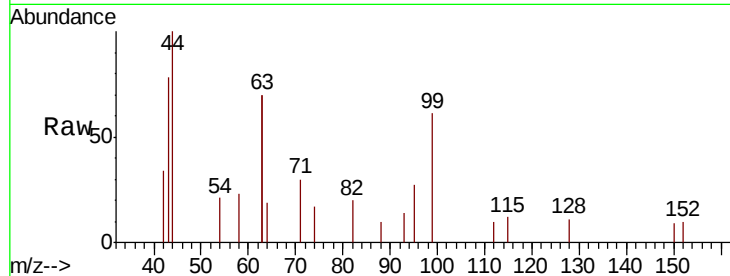
Tot Ion: 99 Resp: 503

Ion Ratio Lower Upper

99 100

42 71.0 19.9 29.9#

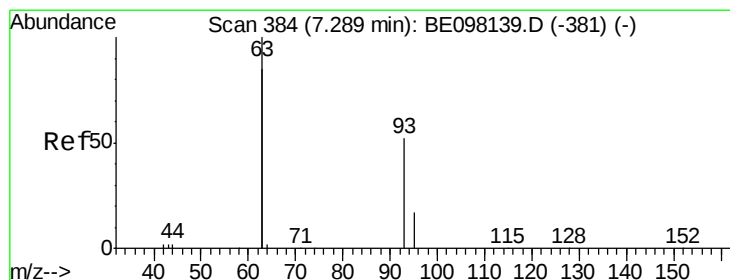
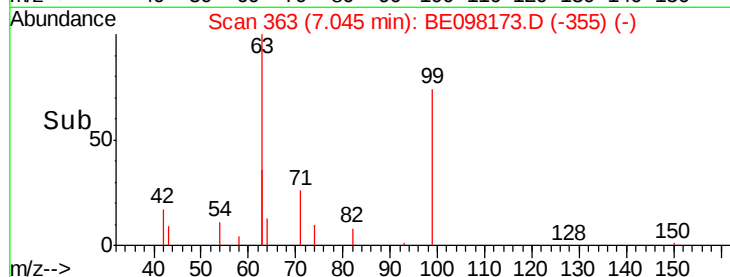
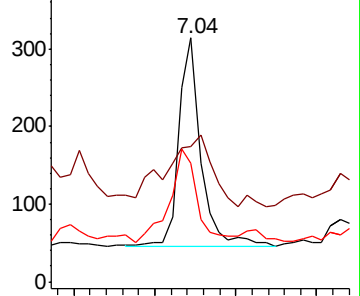
71 0.0 27.8 41.8#



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: 0.405 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

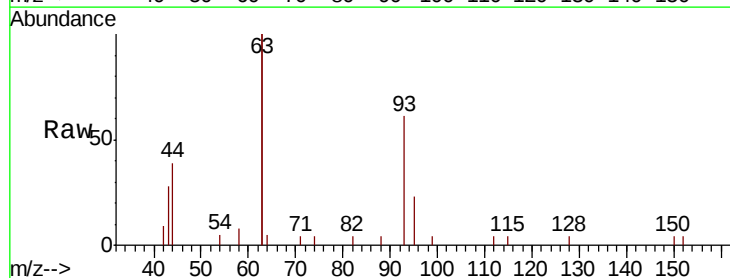
Tgt Ion: 93 Resp: 1148

Ion Ratio Lower Upper

93 100

63 368.2 259.0 388.4

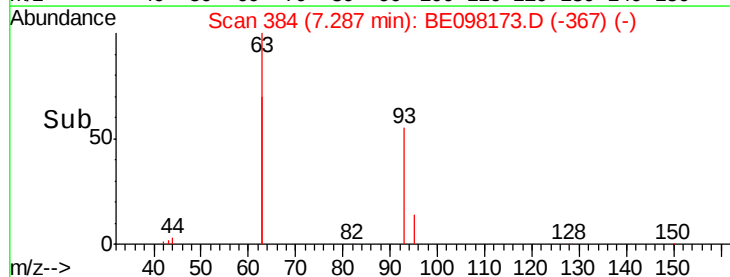
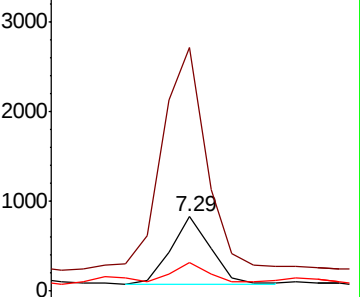
95 41.1 27.8 41.8

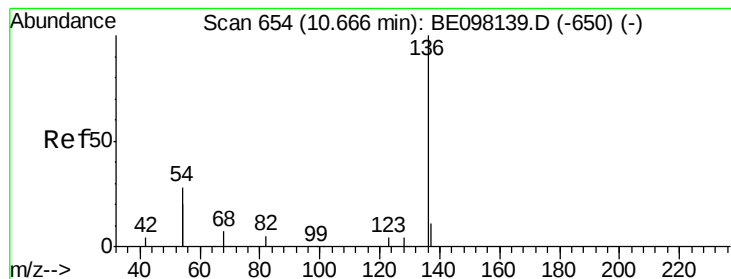


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

Tot Ion:136 Resp: 3811

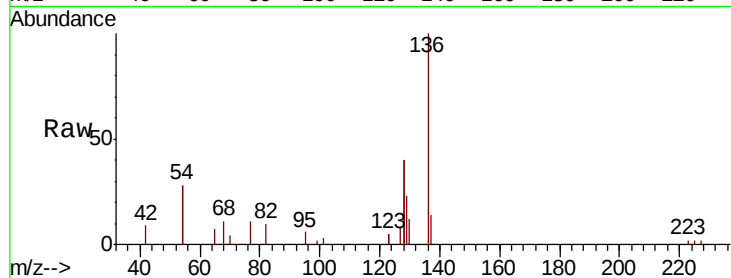
Ion Ratio Lower Upper

136 100

137 13.5 9.6 14.4

54 55.4 27.7 41.5#

68 10.5 5.3 7.9#

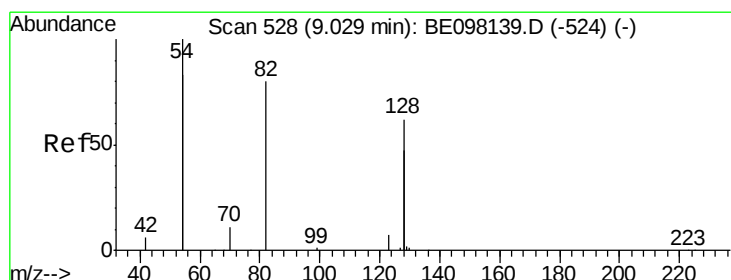
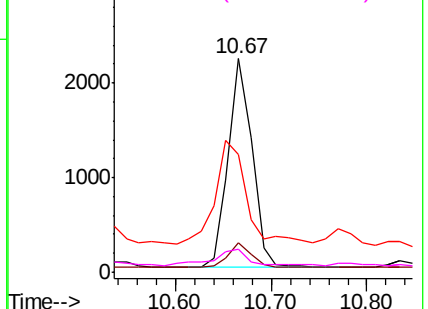
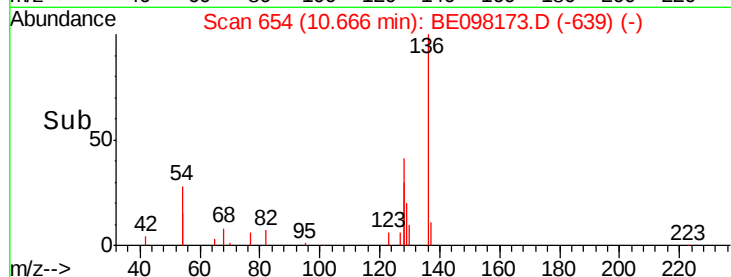


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.458 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

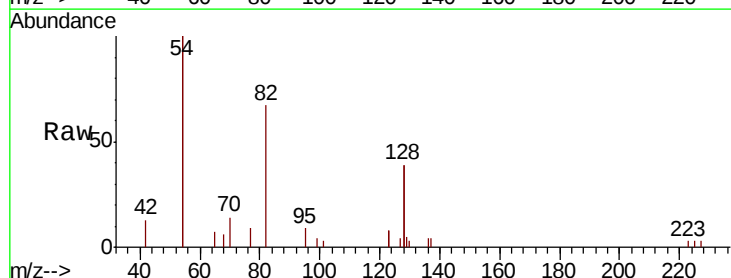
Tgt Ion: 82 Resp: 1871

Ion Ratio Lower Upper

82 100

128 115.3 129.9 194.9#

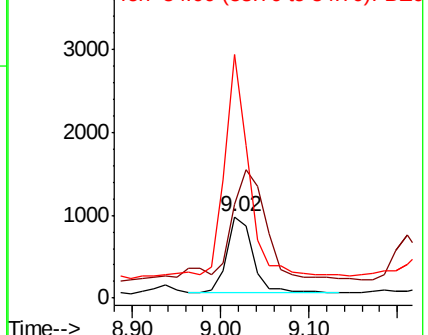
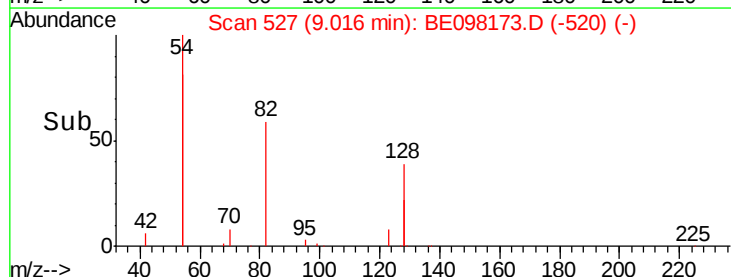
54 298.5 174.0 261.0#

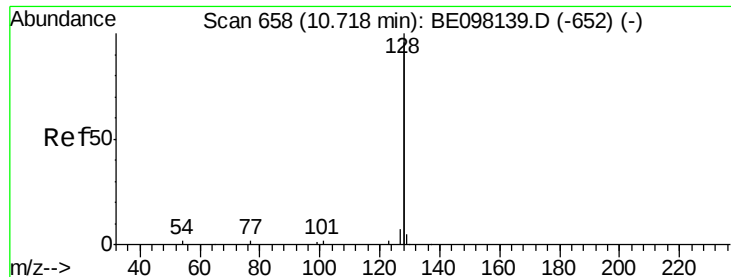


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.797 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

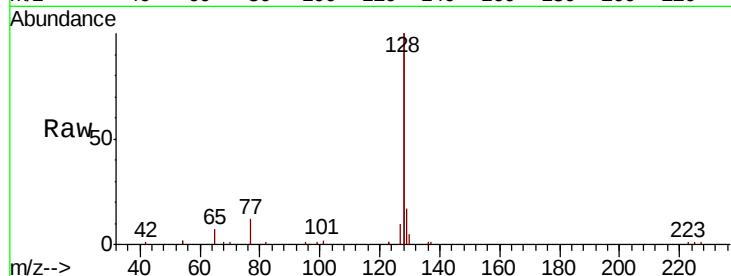
Tot Ion:128 Resp: 30349

Ion Ratio Lower Upper

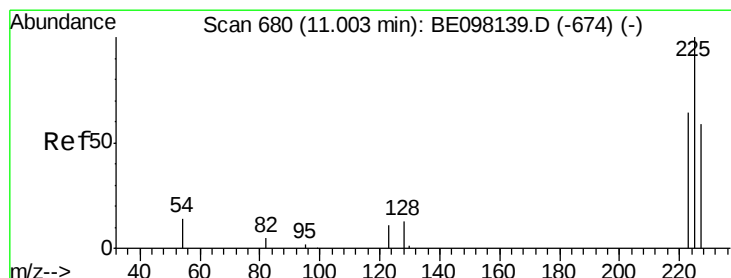
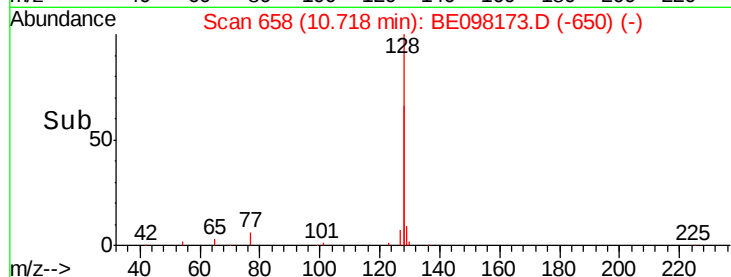
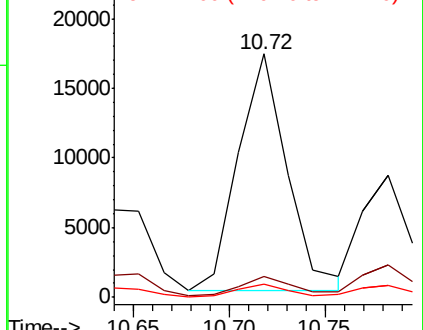
128 100

129 8.6 2.5 3.7#

127 5.2 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: 0.358 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

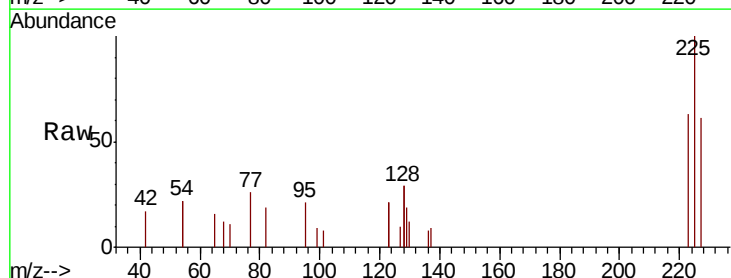
Tgt Ion:225 Resp: 894

Ion Ratio Lower Upper

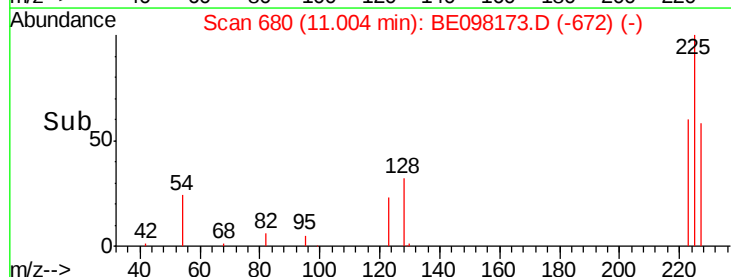
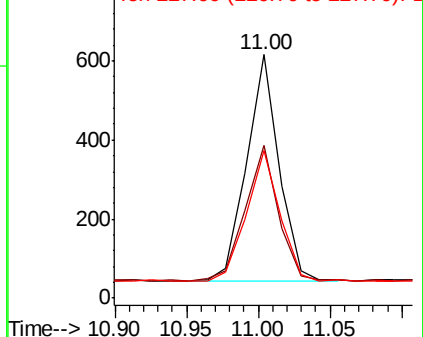
225 100

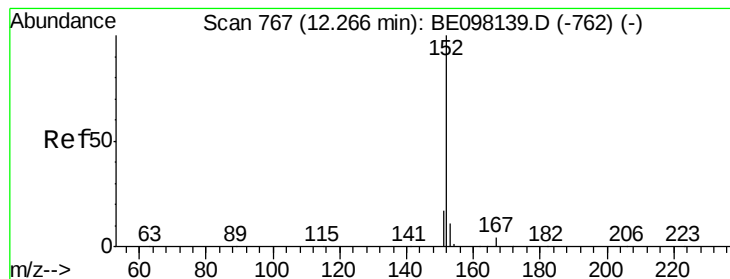
223 60.3 51.8 77.8

227 59.5 53.0 79.6



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: 0.690 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

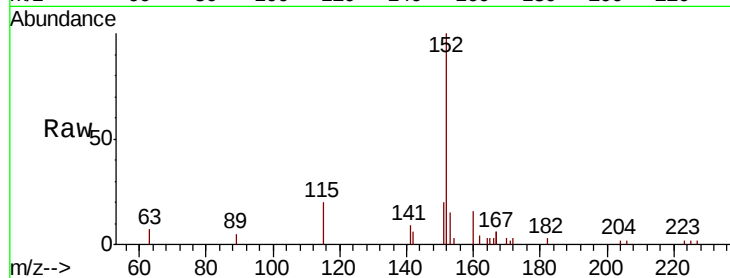
C19013081MSD

Tot Ion:152 Resp: 4633

Ion Ratio Lower Upper

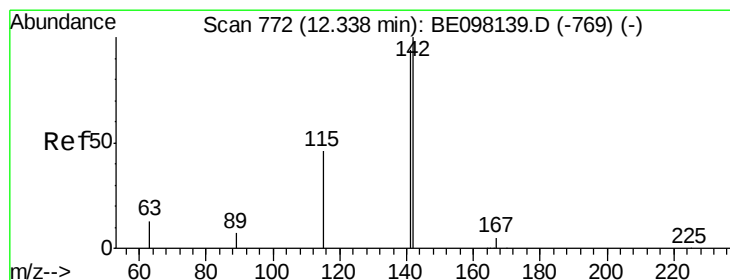
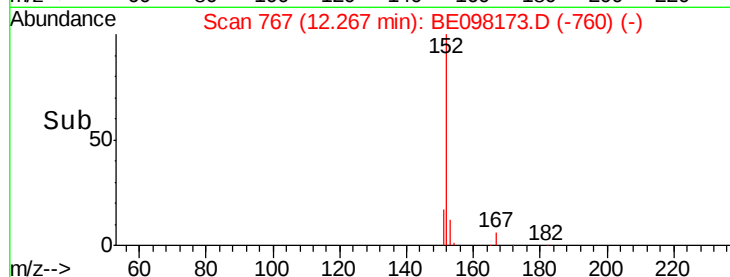
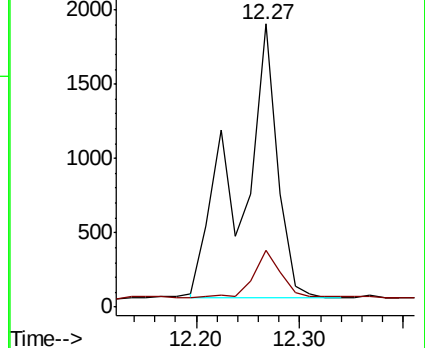
152 100

151 13.1 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.671 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

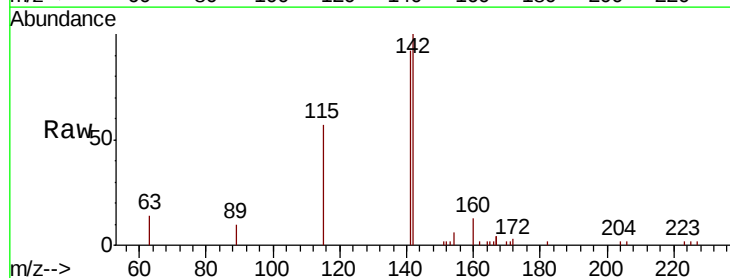
Tgt Ion:142 Resp: 4562

Ion Ratio Lower Upper

142 100

141 92.1 69.8 104.6

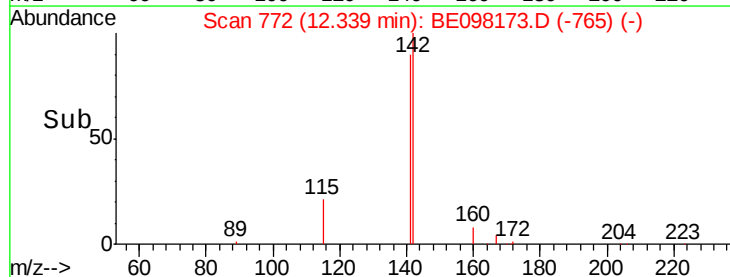
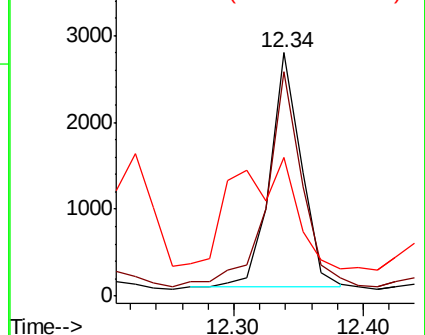
115 56.9 30.5 45.7#

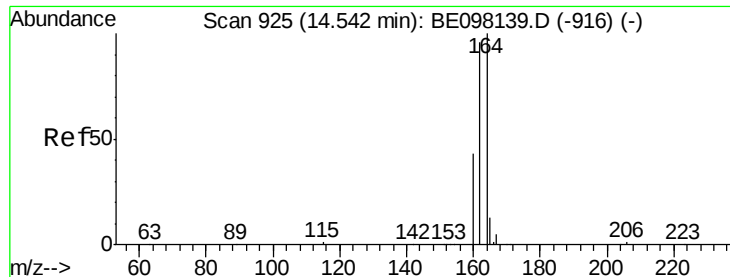


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

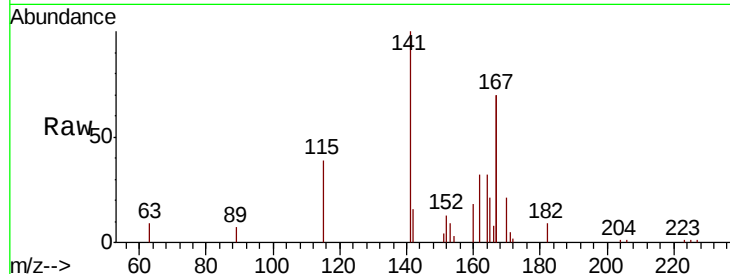




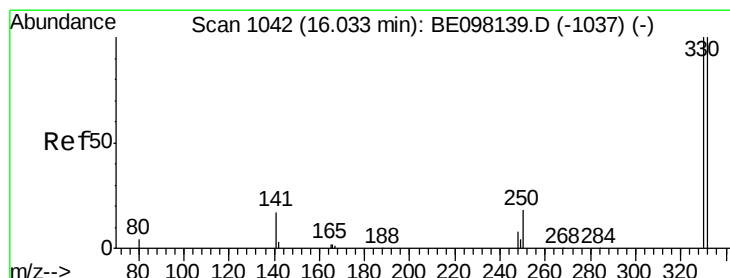
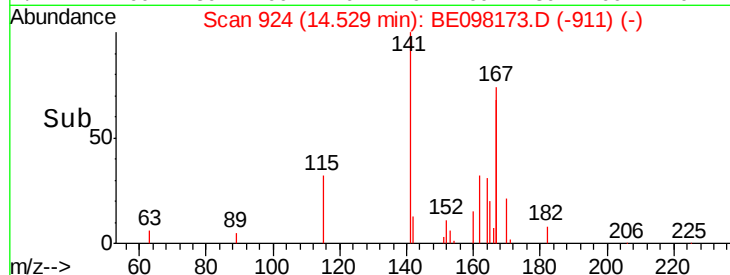
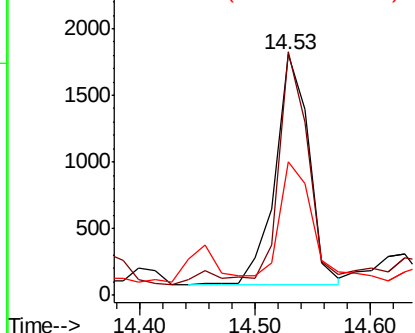
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BE098173.D
 Acq: 7 Nov 2018 14:38

Instrument :
 BNA_E
 ClientSampleId :
 C19013081MSD

Tot Ion:164 Resp: 3490
 Ion Ratio Lower Upper
 164 100
 162 101.1 77.4 116.2
 160 55.5 36.5 54.7#

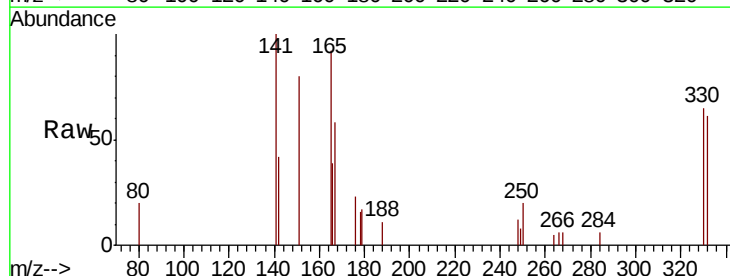


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

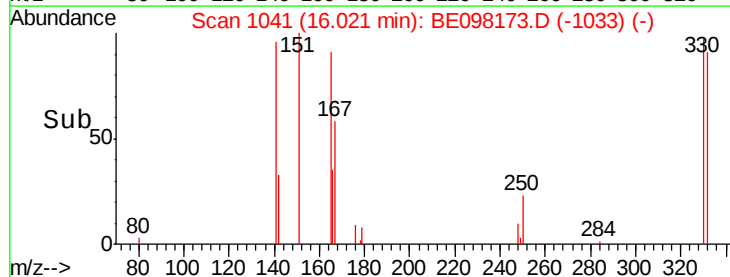
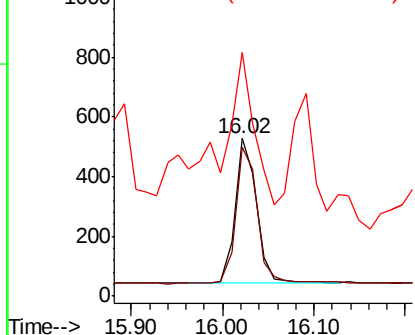


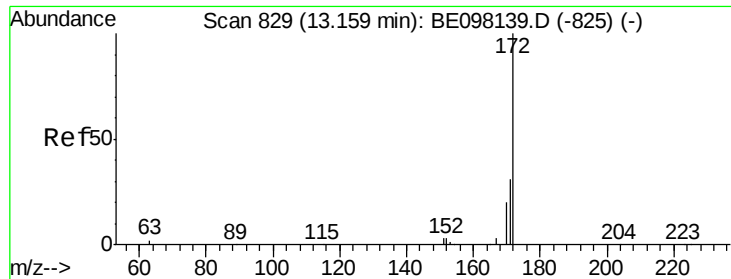
#14
 2,4,6-Tribromophenol
 Concen: 0.482 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098173.D
 Acq: 7 Nov 2018 14:38

Tgt Ion:330 Resp: 797
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.5 114.7
 141 131.2 31.8 47.6#



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

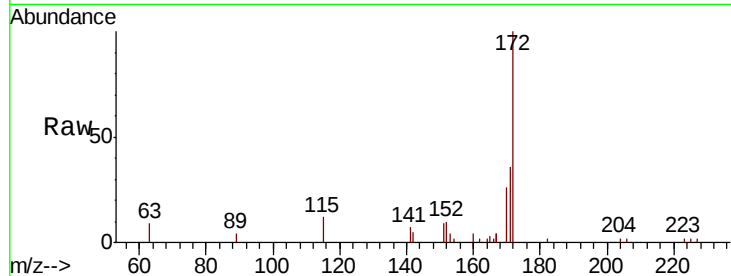




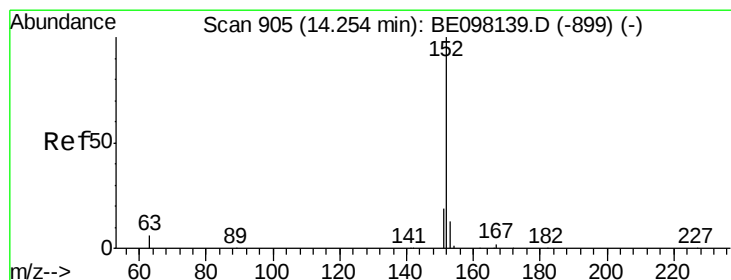
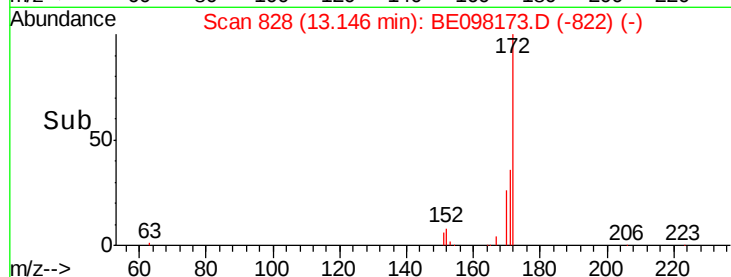
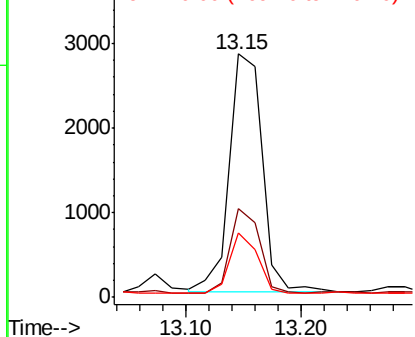
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

Tot Ion:172 Resp: 5563
Ion Ratio Lower Upper
172 100
171 36.5 26.0 39.0
170 26.3 18.0 27.0

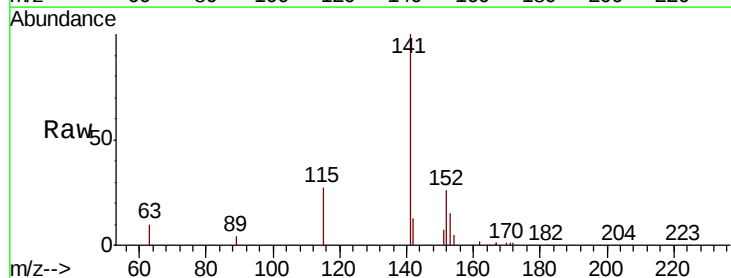


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

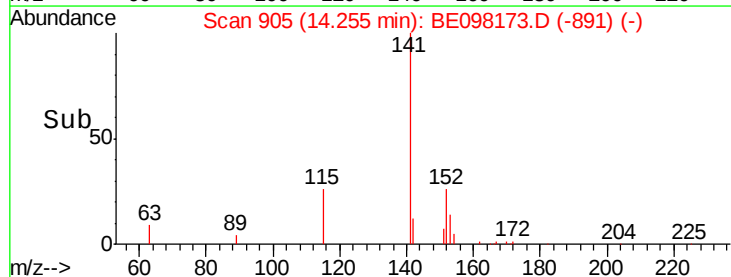
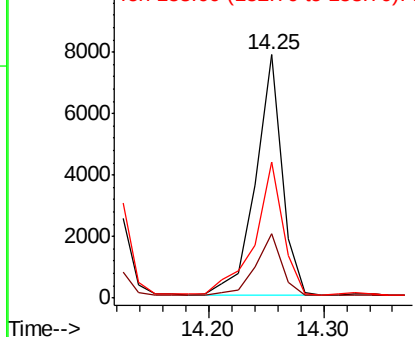


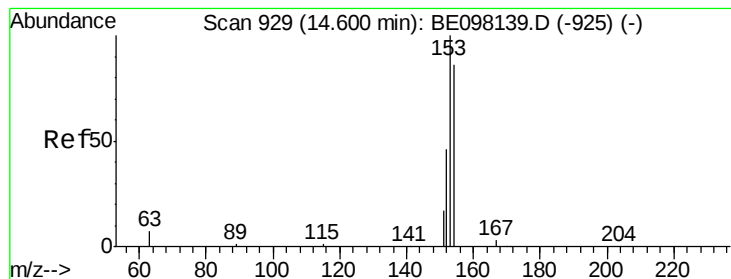
#16
Acenaphthylene
Concen: 0.779 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion:152 Resp: 12407
Ion Ratio Lower Upper
152 100
151 26.0 16.1 24.1#
153 59.6 10.9 16.3#



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: 1.680 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

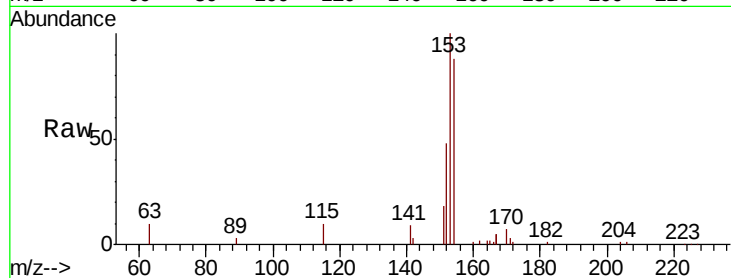
Tot Ion:154 Resp: 16062

Ion Ratio Lower Upper

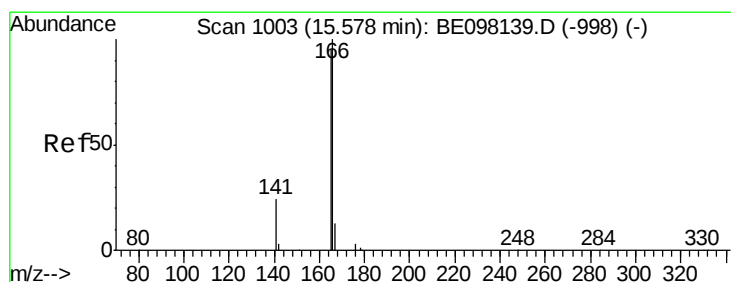
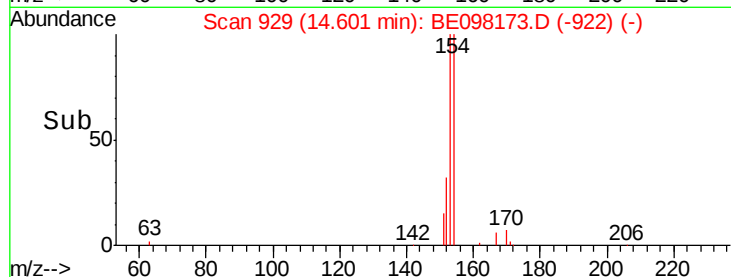
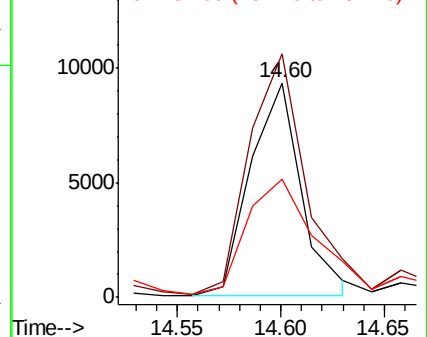
154 100

153 125.5 92.6 139.0

152 71.3 45.5 68.3#



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: 3.425 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

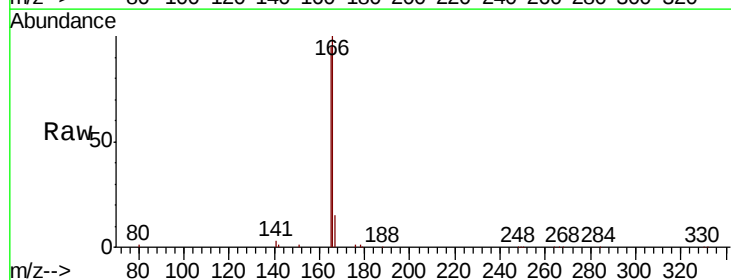
Tgt Ion:166 Resp: 43450

Ion Ratio Lower Upper

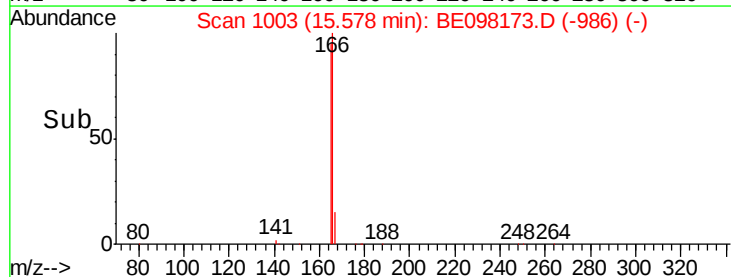
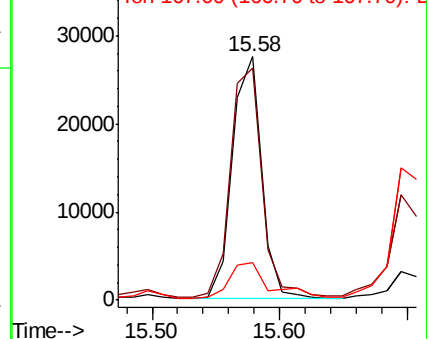
166 100

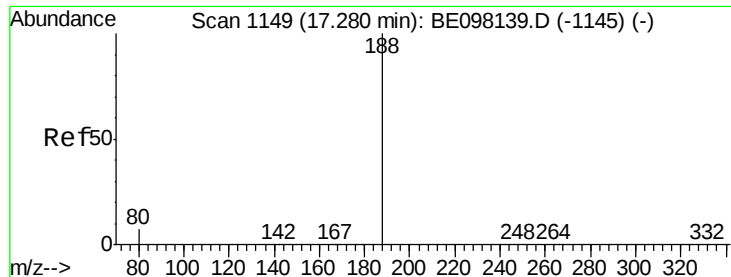
165 102.4 78.2 117.4

167 20.7 11.0 16.6#



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

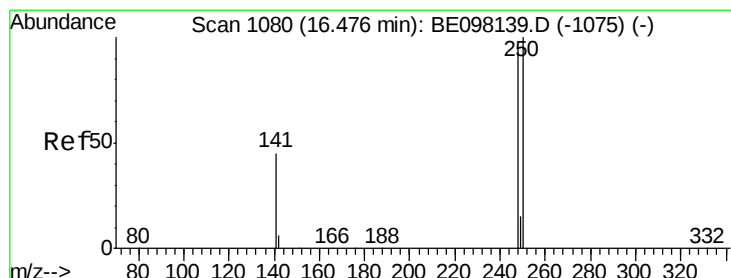
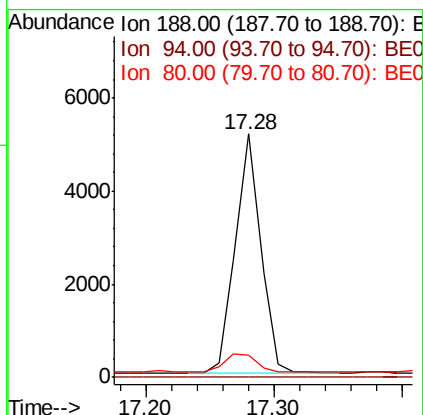
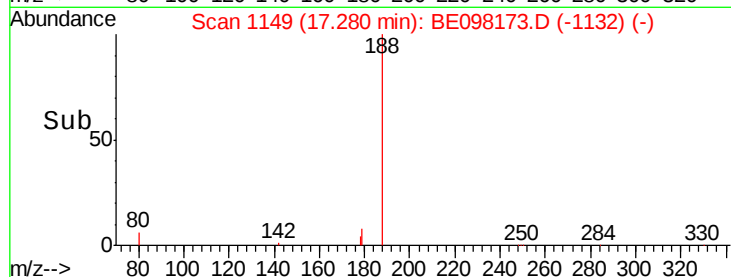
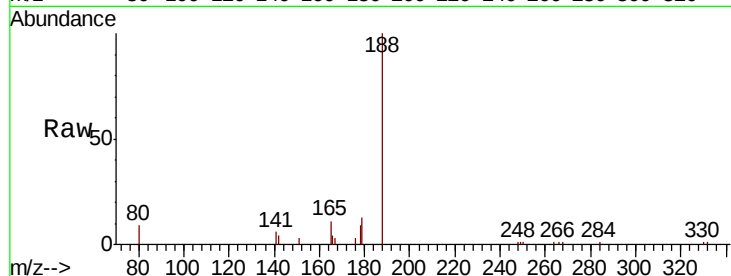
Tot Ion:188 Resp: 7181

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.426 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

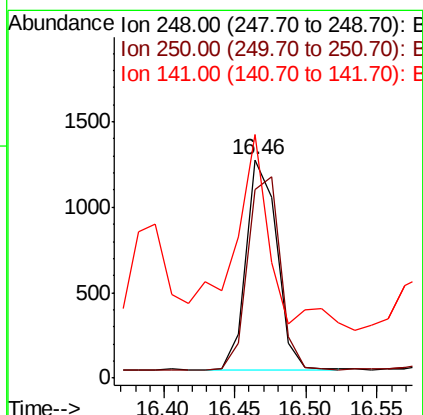
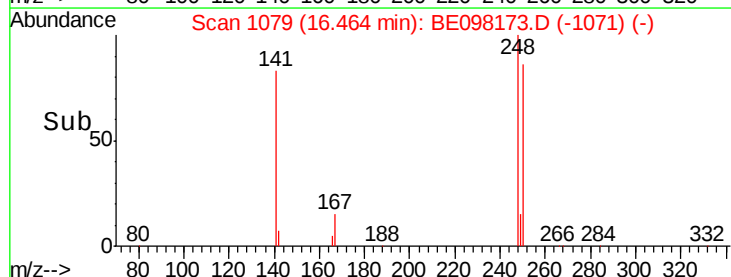
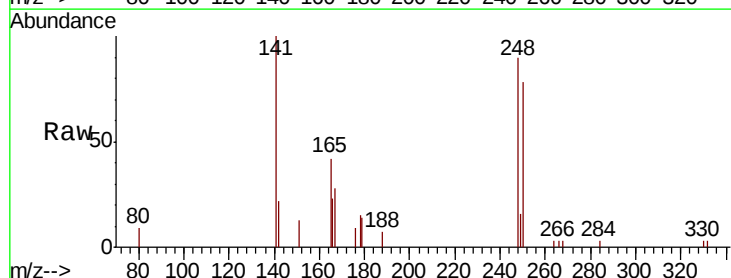
Tgt Ion:248 Resp: 1866

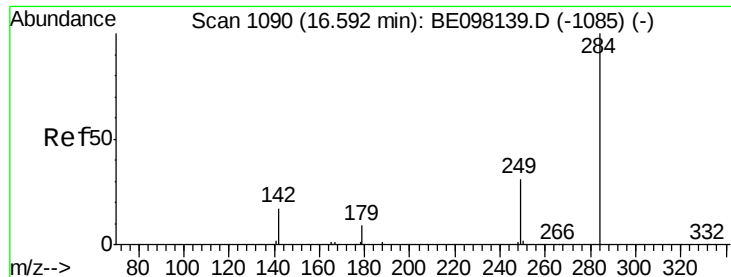
Ion Ratio Lower Upper

248 100

250 86.4 75.1 112.7

141 111.4 51.8 77.8#





#21

Hexachlorobenzene

Concen: 0.386 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

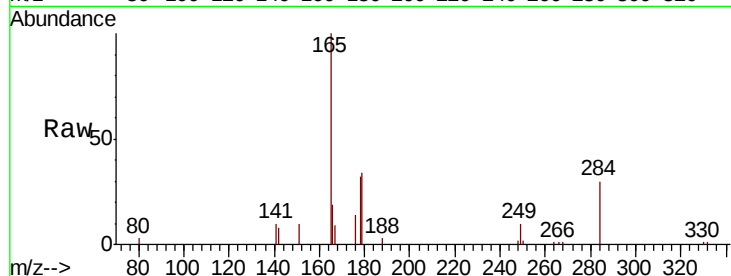
Tot Ion:284 Resp: 1768

Ion Ratio Lower Upper

284 100

142 44.2 25.9 38.9#

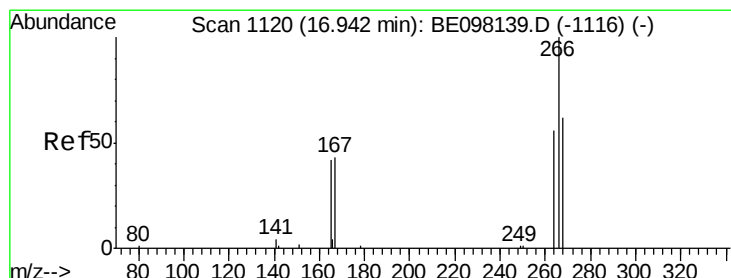
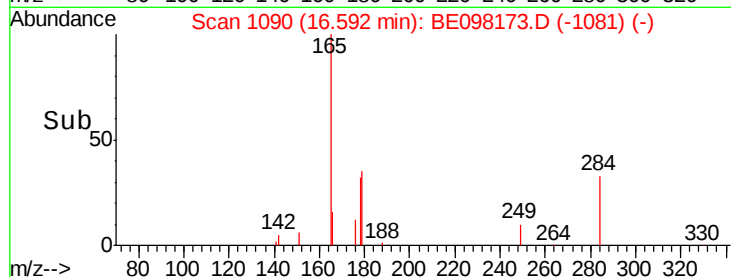
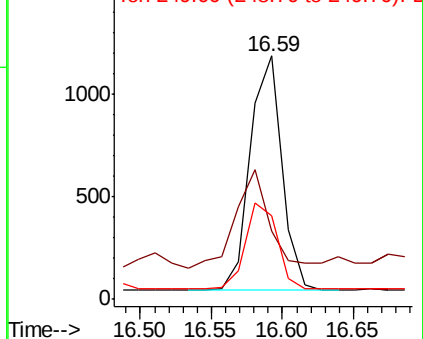
249 37.2 26.6 40.0



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



#22

Pentachlorophenol

Concen: 1.169 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

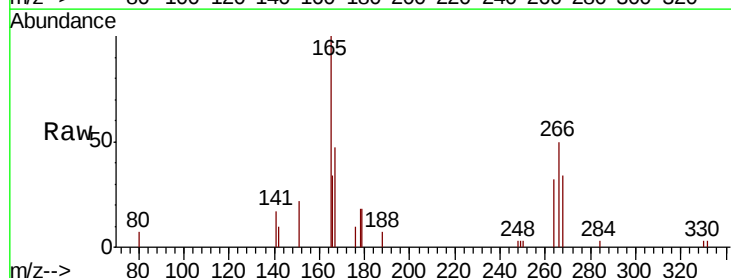
Tgt Ion:266 Resp: 1401

Ion Ratio Lower Upper

266 100

264 64.1 51.3 76.9

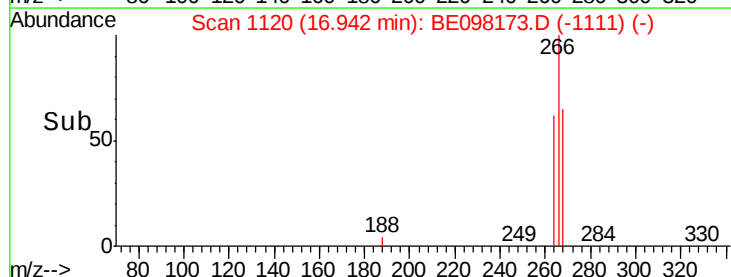
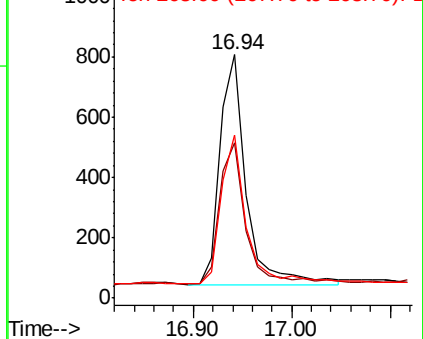
268 67.2 50.1 75.1

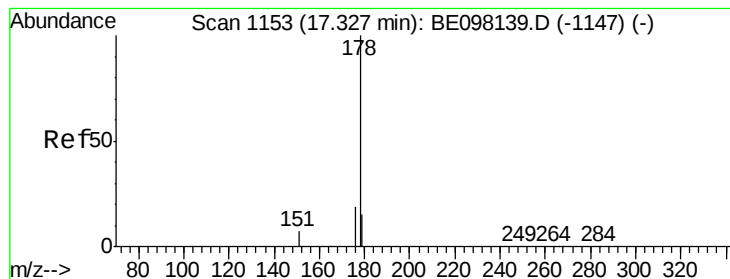


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.423 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

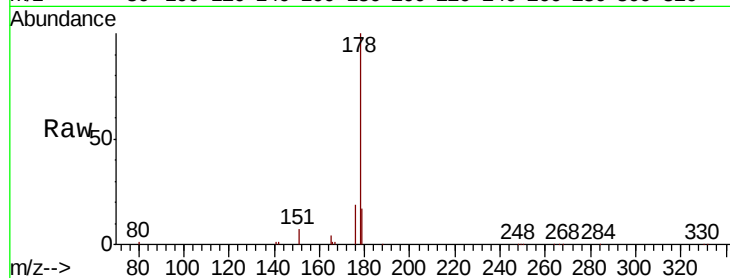
Tot Ion:178 Resp: 43101

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

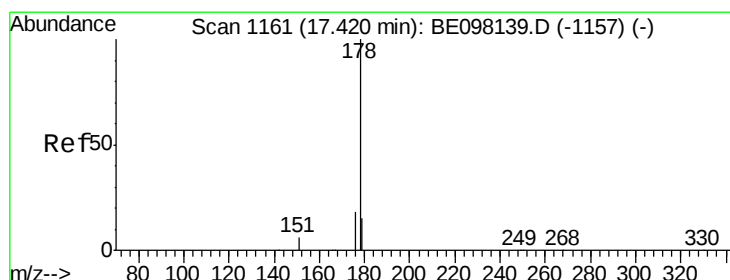
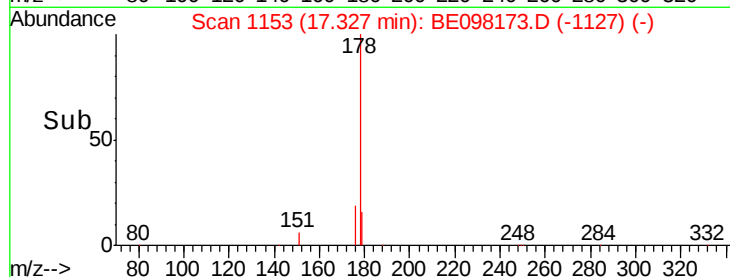
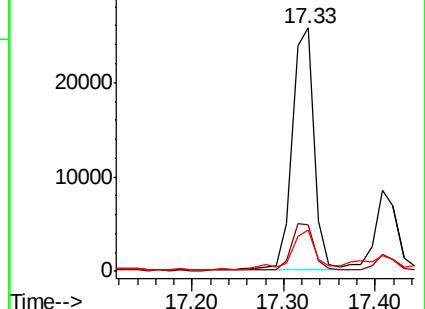
179 18.6 12.2 18.4#



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: 0.753 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

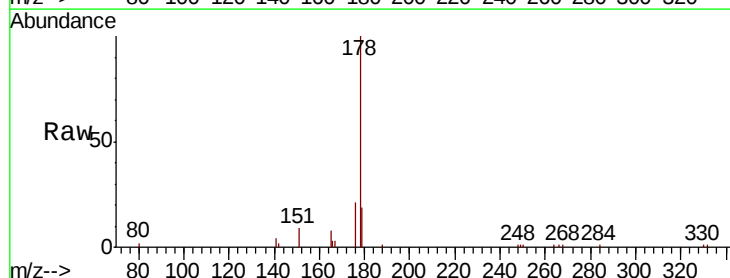
Tgt Ion:178 Resp: 12734

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

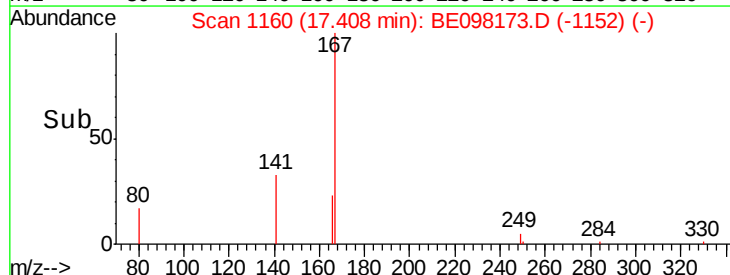
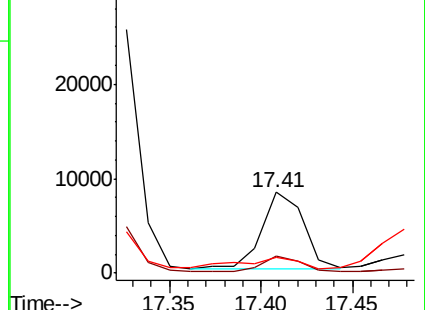
179 19.6 11.9 17.9#

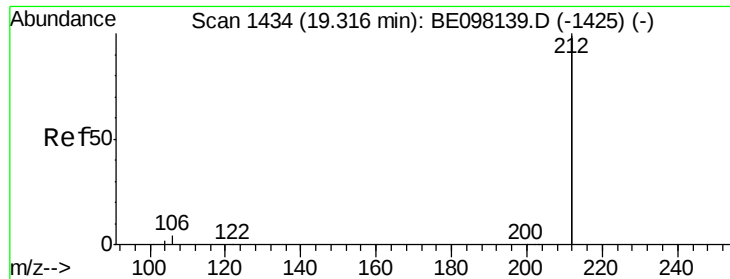


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.439 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

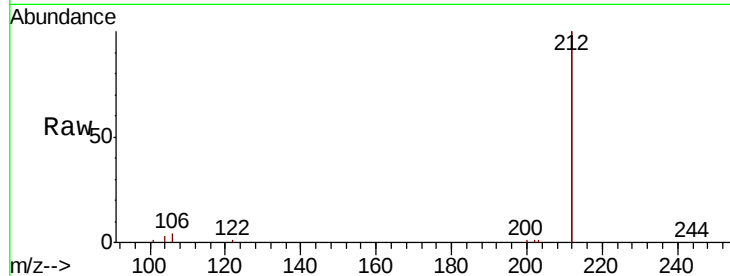
Tot Ion:212 Resp: 40650

Ion Ratio Lower Upper

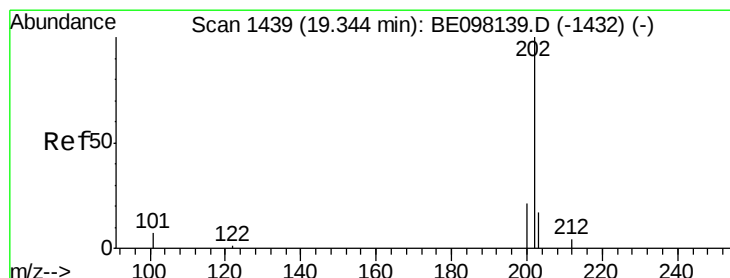
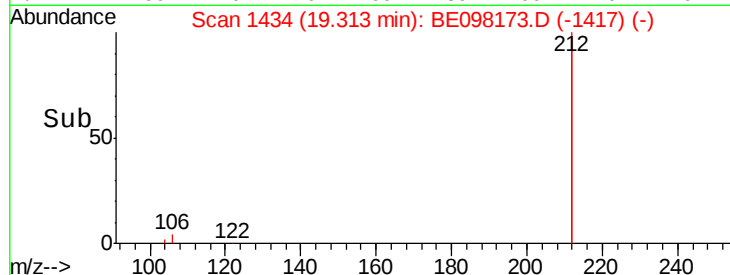
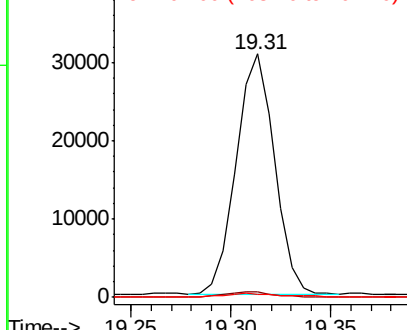
212 100

106 2.2 2.3 3.5#

104 1.6 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: 0.486 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

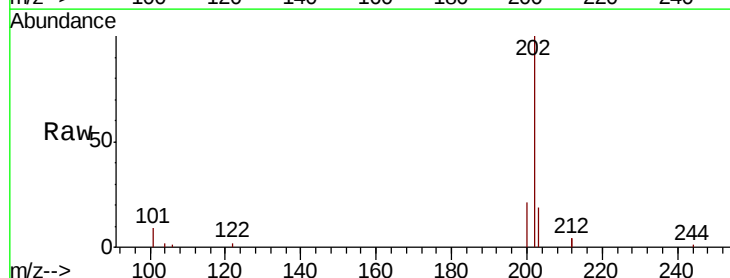
Tgt Ion:202 Resp: 10839

Ion Ratio Lower Upper

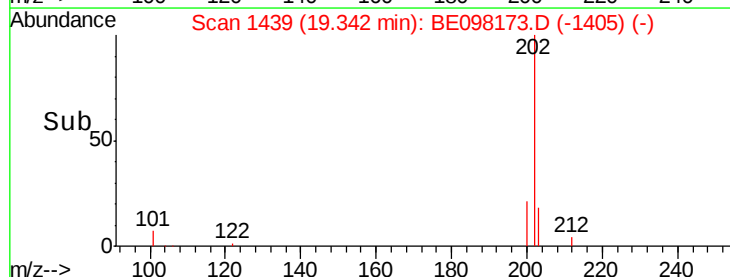
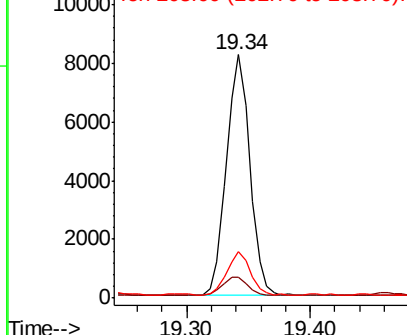
202 100

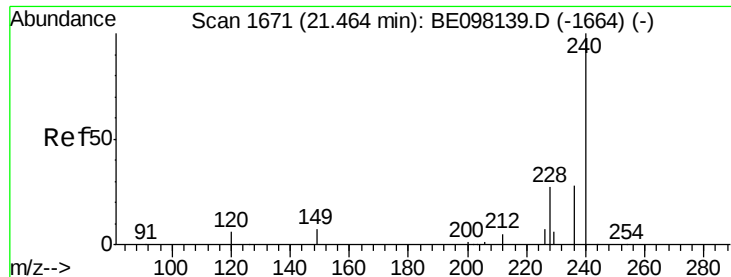
101 8.1 8.2 12.2#

203 17.5 15.0 22.4



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

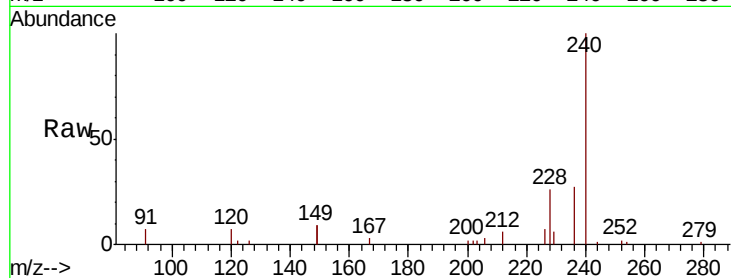
Tot Ion:240 Resp: 8058

Ion Ratio Lower Upper

240 100

120 7.3 7.1 10.7

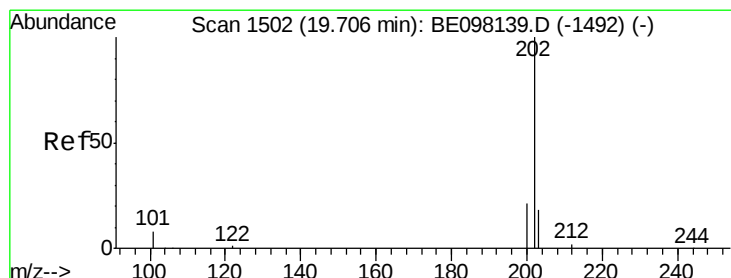
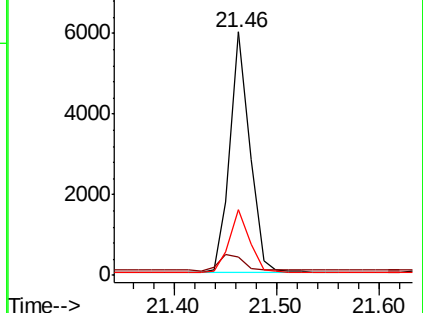
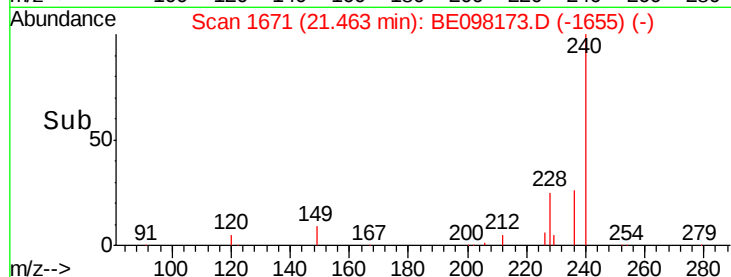
236 27.1 21.3 31.9



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: 0.519 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

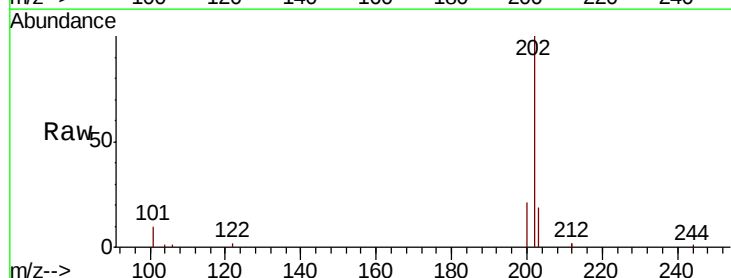
Tgt Ion:202 Resp: 11407

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

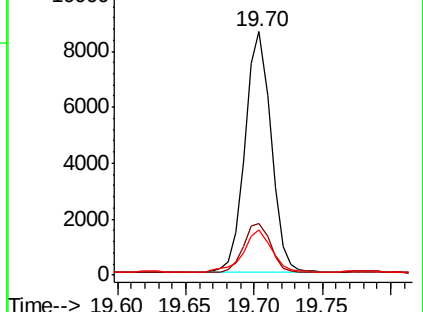
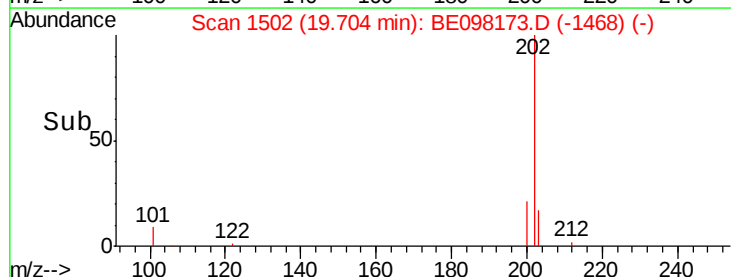
203 19.2 14.2 21.4

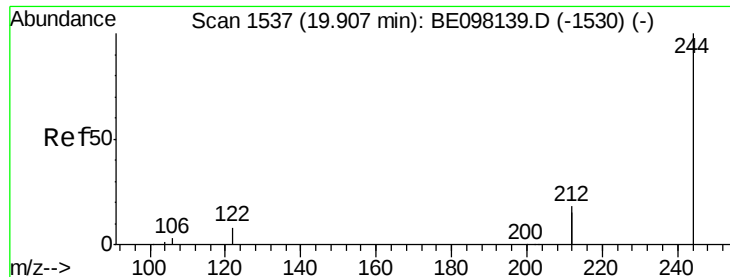


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.619 ng

RT: 19.90 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

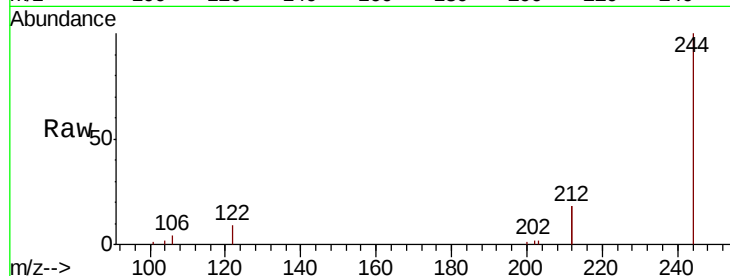
Tot Ion:244 Resp: 11605

Ion Ratio Lower Upper

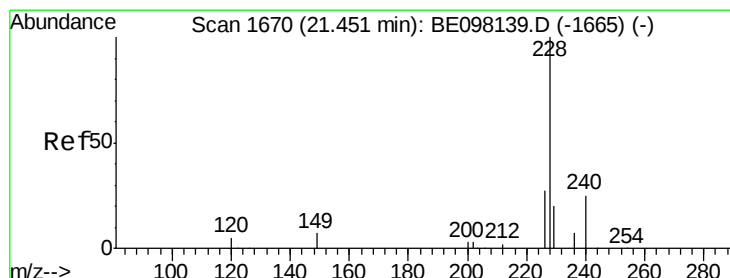
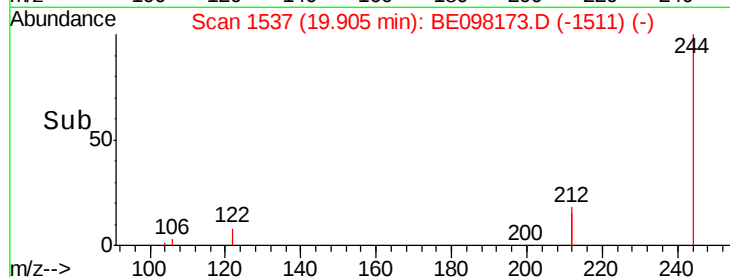
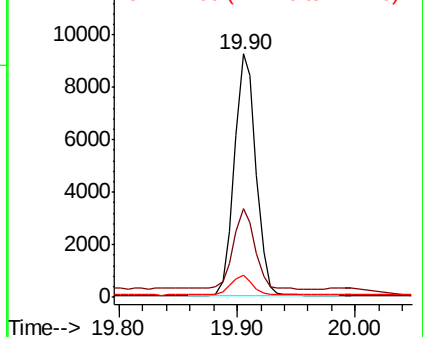
244 100

212 36.7 26.2 39.2

122 9.1 7.7 11.5



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: 0.482 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

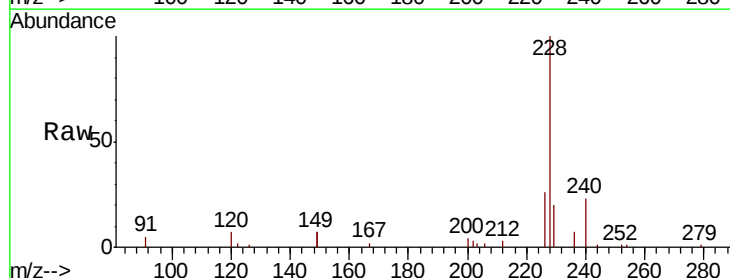
Tgt Ion:228 Resp: 11356

Ion Ratio Lower Upper

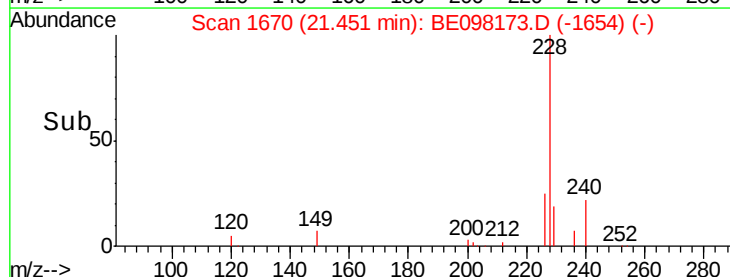
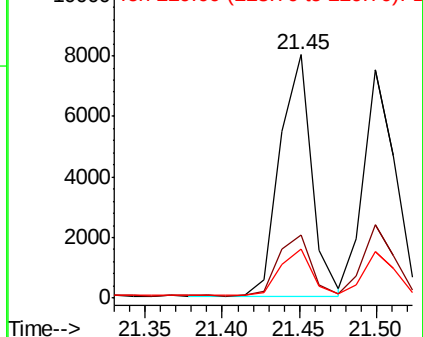
228 100

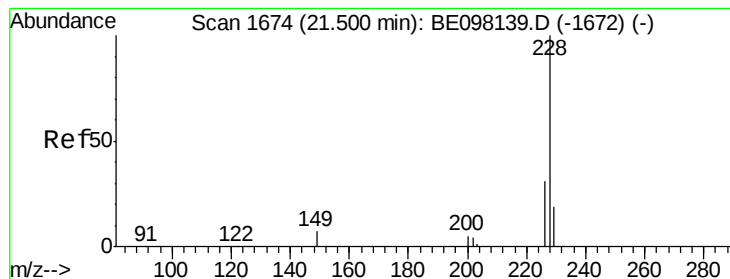
226 25.7 22.6 33.8

229 20.2 16.9 25.3



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: 0.458 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

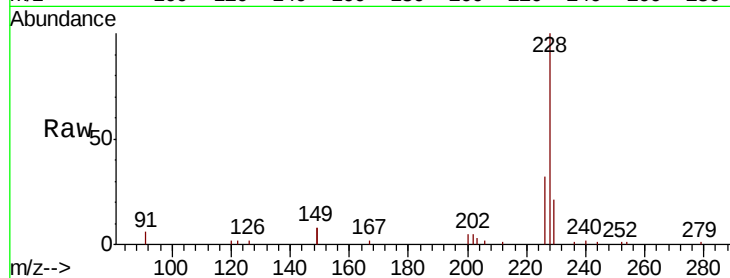
Tot Ion:228 Resp: 10664

Ion Ratio Lower Upper

228 100

226 32.1 24.3 36.5

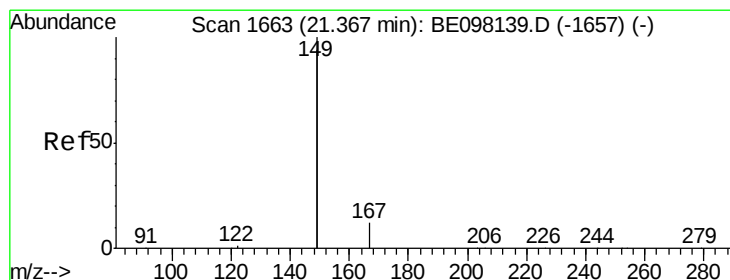
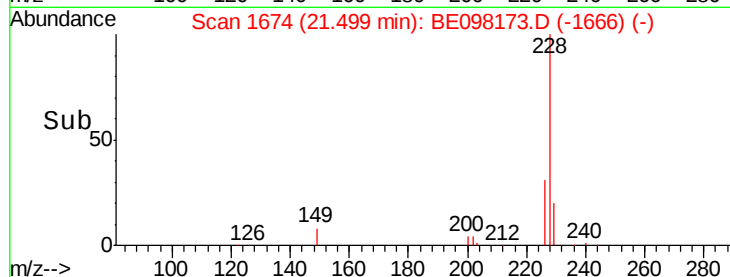
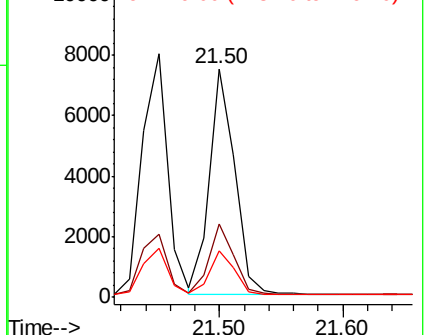
229 20.6 17.3 25.9



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: 1.033 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

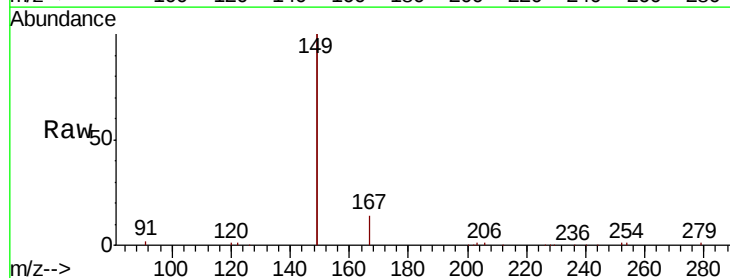
Tgt Ion:149 Resp: 61425

Ion Ratio Lower Upper

149 100

167 7.4 5.6 8.4

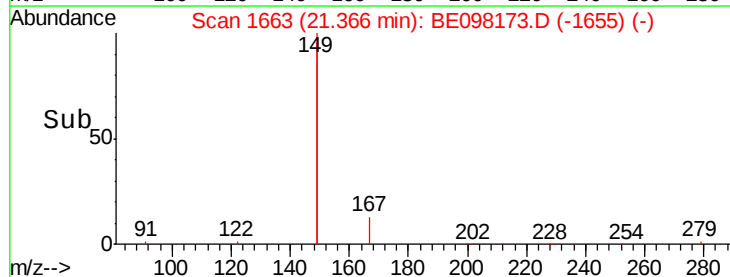
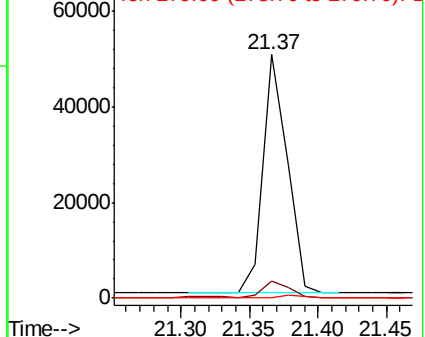
279 1.2 0.9 1.3

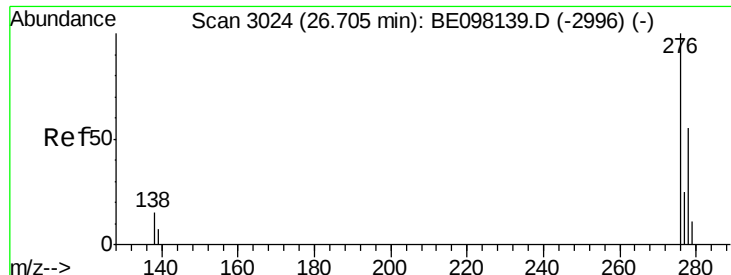


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.436 ng

RT: 26.71 min Scan# 3024

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

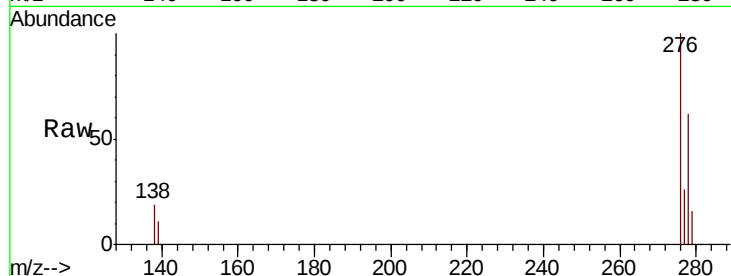
Tot Ion:276 Resp: 10552

Ion Ratio Lower Upper

276 100

138 18.1 17.0 25.6

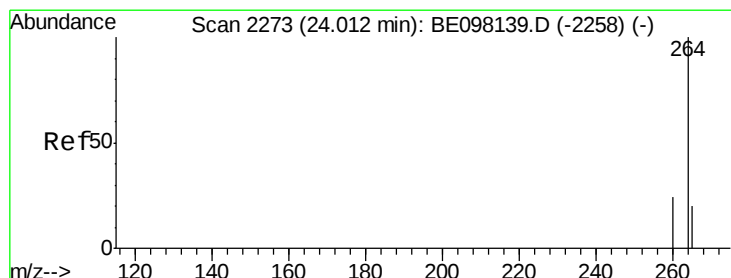
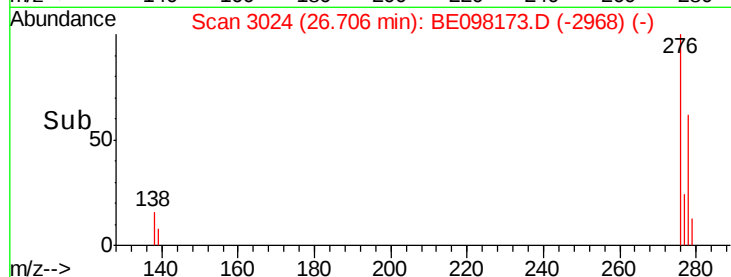
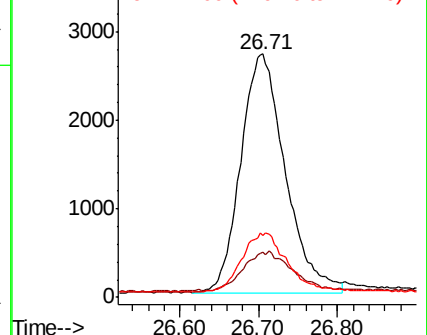
277 25.4 20.5 30.7



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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

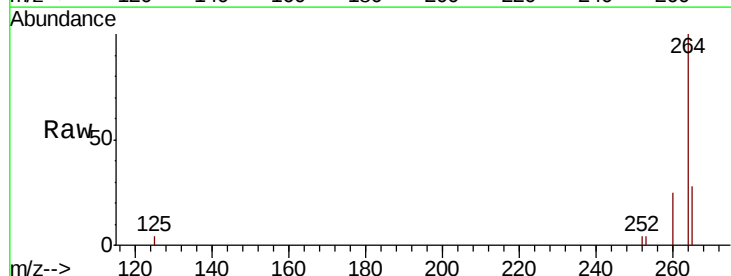
Tgt Ion:264 Resp: 7927

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

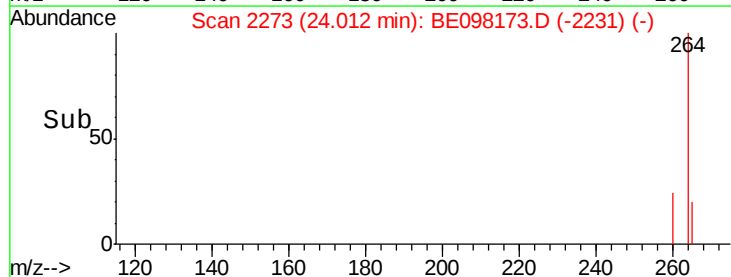
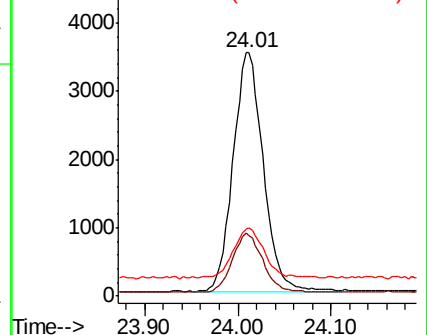
265 28.0 29.2 43.8#

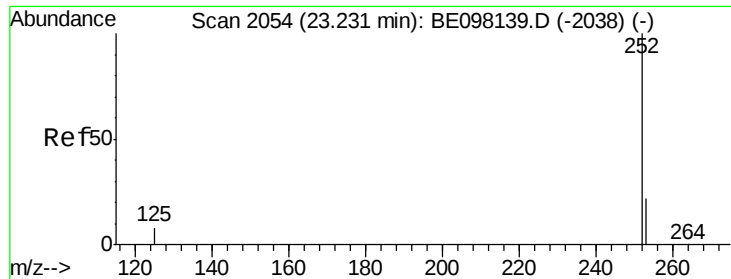


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.450 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

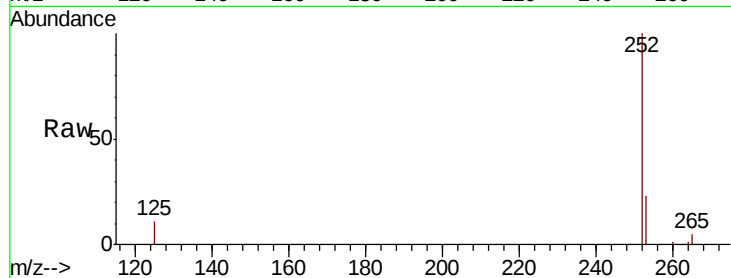
Tot Ion:252 Resp: 10055

Ion Ratio Lower Upper

252 100

253 23.4 20.6 31.0

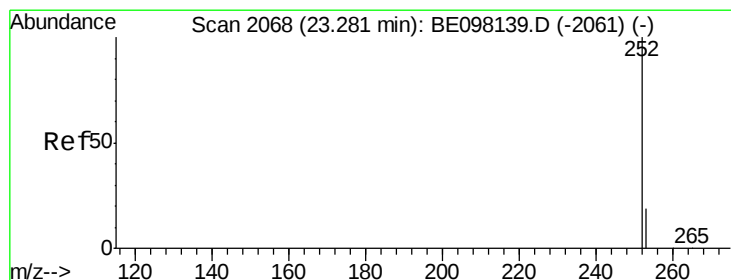
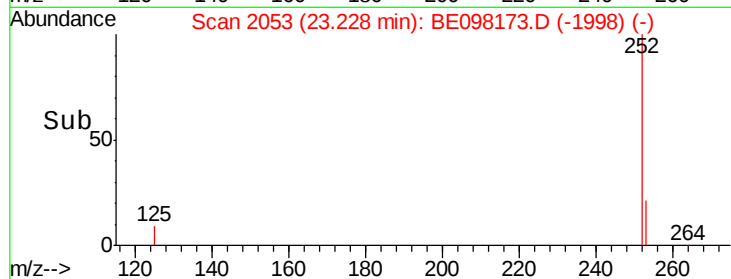
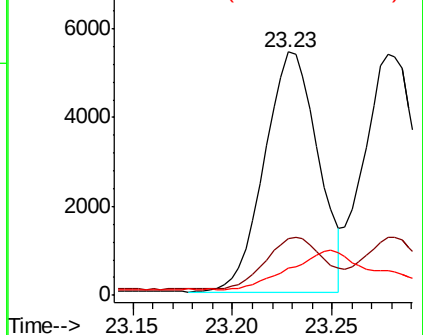
125 11.4 14.3 21.5#



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



#36

Benzo(k)fluoranthene

Concen: 0.427 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

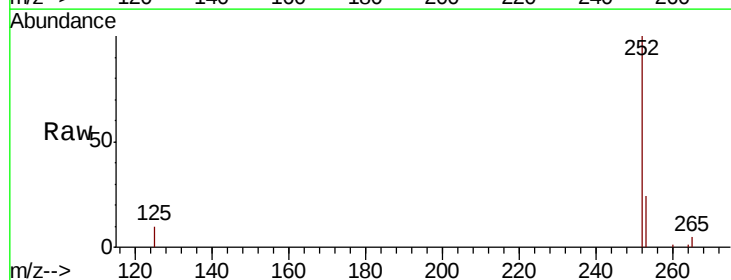
Tgt Ion:252 Resp: 9878

Ion Ratio Lower Upper

252 100

253 24.2 20.4 30.6

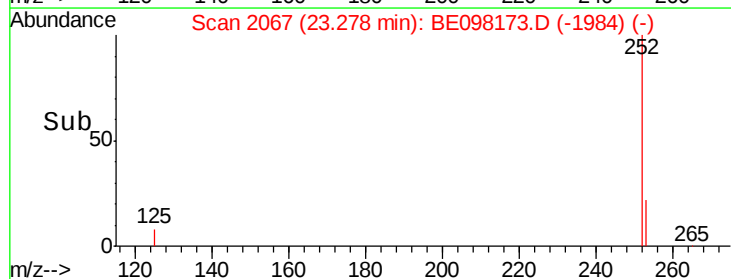
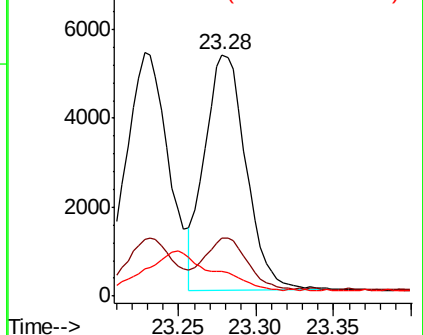
125 10.2 14.6 21.8#

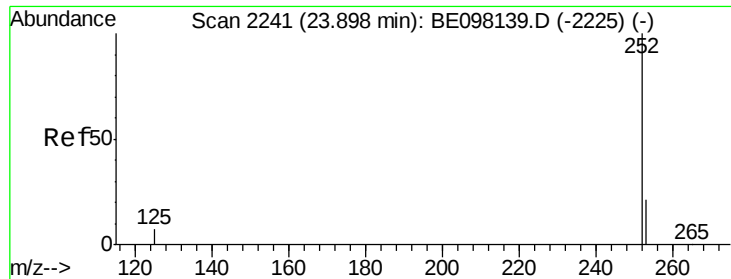


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

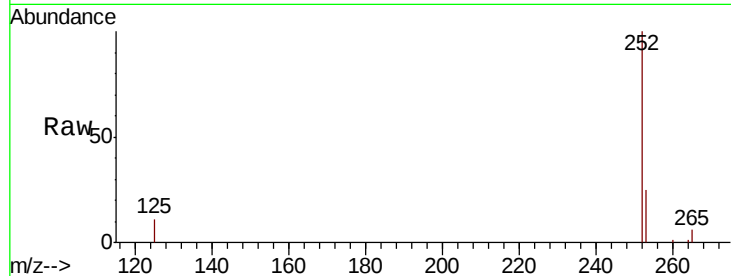




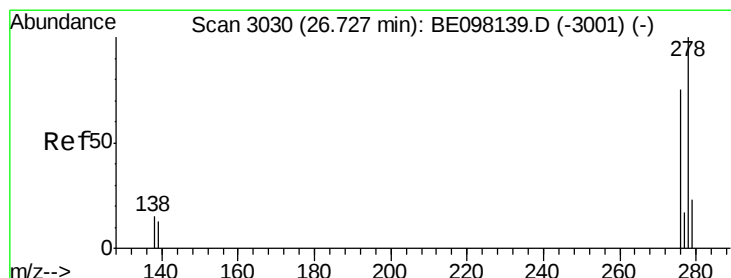
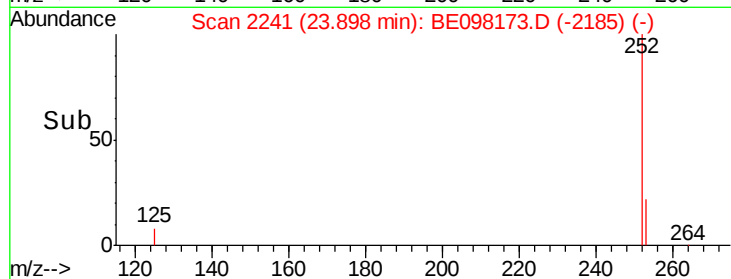
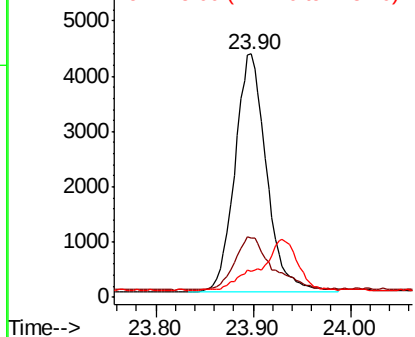
#37
Benzo(a)pyrene
Concen: 0.447 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

Tot Ion:252 Resp: 9756
Ion Ratio Lower Upper
252 100
253 24.6 20.6 31.0
125 10.9 15.6 23.4#

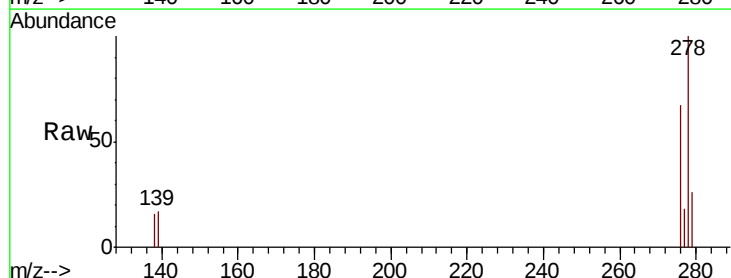


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

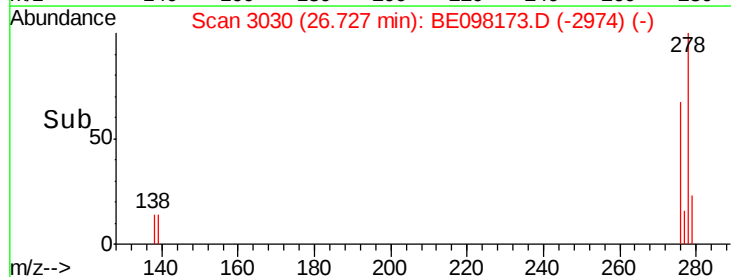
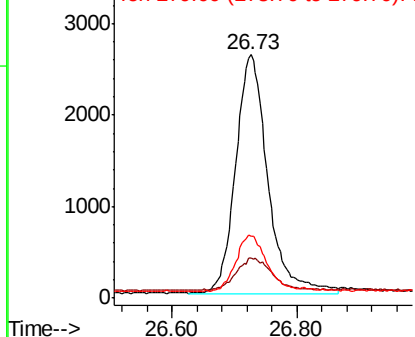


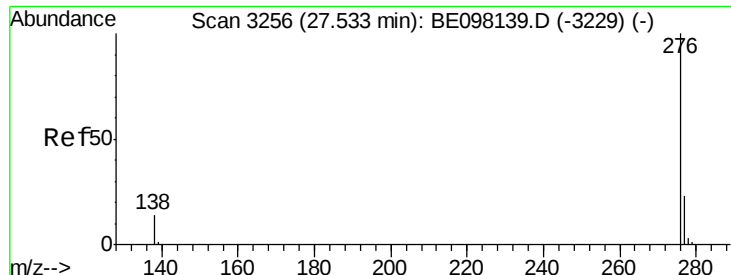
#38
Dibenzo(a,h)anthracene
Concen: 0.459 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion:278 Resp: 9334
Ion Ratio Lower Upper
278 100
139 16.5 16.3 24.5
279 25.6 21.4 32.2



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: 0.453 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098173.D

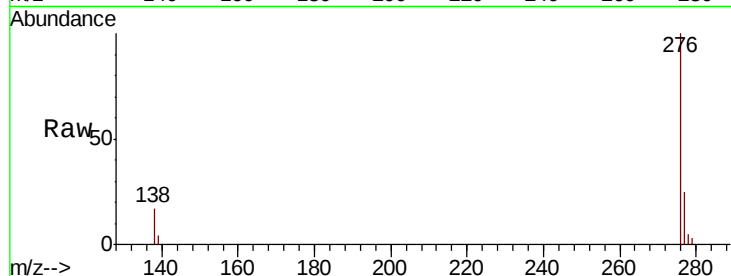
Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD



Tot Ion: 276 Resp: 9174

Ion Ratio Lower Upper

276 100

277 25.3 22.1 33.1

138 17.2 19.3 28.9

