

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098323.D
 Acq On : 11 Dec 2018 7:28
 Operator : SJ/JU
 Sample : J6259-06MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 11 10:38:47 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	7.88	152	1436	0.40	ng	0.01
7) Naphthalene-d8	10.68	136	5920	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3534	0.40	ng	0.01
19) Phenanthrene-d10	17.28	188	9202	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11688	0.40	ng	0.00
34) Perylene-d12	24.02	264	11101	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	628	0.19	ng	0.01
5) Phenol-d6	7.06	99	527	0.11	ng	0.01
8) Nitrobenzene-d5	9.04	82	2115	0.39	ng	0.03
11) 2-Methylnaphthalene-d10	12.28	152	5381	0.56	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	566	0.44	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	7208	0.48	ng	0.01
25) Fluoranthene-d10	19.32	212	54028	0.46	ng	0.00
29) Terphenyl-d14	19.91	244	13231	0.47	ng	0.00

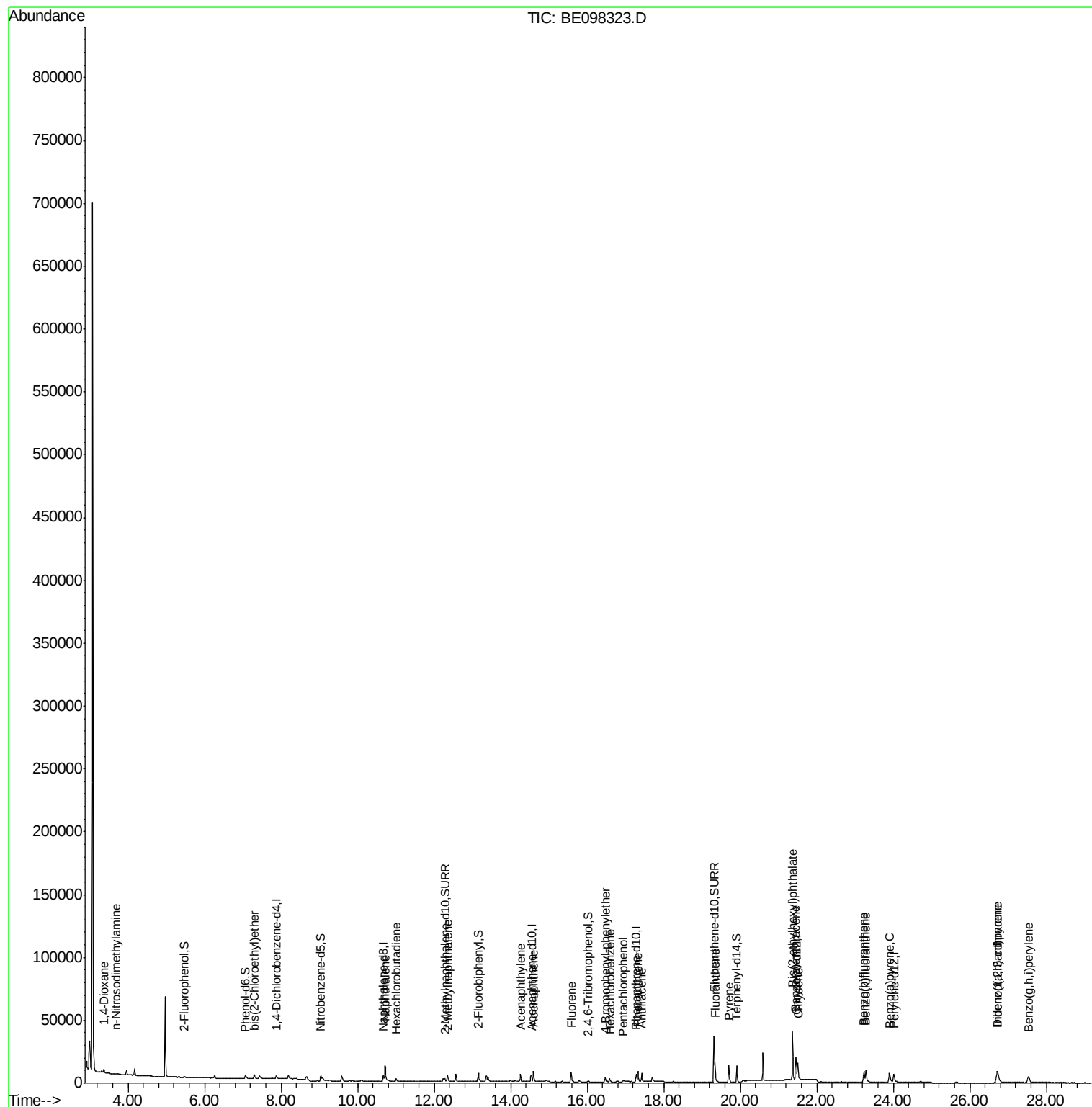
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1593	0.641	ng	# 79
3) n-Nitrosodimethylamine	3.70	42	342	0.153	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	1559	0.345	ng	82
9) Naphthalene	10.72	128	25116	0.422	ng	99
10) Hexachlorobutadiene	11.00	225	1334	0.352	ng	98
12) 2-Methylnaphthalene	12.35	142	4228	0.437	ng	97
16) Acenaphthylene	14.25	152	7129	0.431	ng	98
17) Acenaphthene	14.60	154	4024	0.405	ng	97
18) Fluorene	15.58	166	5663	0.426	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	1990	0.402	ng	# 80
21) Hexachlorobenzene	16.59	284	2018	0.379	ng	94
22) Pentachlorophenol	16.94	266	851	0.859	ng	96
23) Phenanthrene	17.33	178	10126	0.453	ng	99
24) Anthracene	17.42	178	8908	0.447	ng	100
26) Fluoranthene	19.34	202	13944	0.471	ng	99
28) Pyrene	19.71	202	14377	0.392	ng	100
30) Benzo(a)anthracene	21.45	228	14773	0.444	ng	99
31) Chrysene	21.51	228	15392	0.441	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	42391	0.627	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	15682	0.452	ng	99
35) Benzo(b)fluoranthene	23.23	252	14067	0.463	ng	98
36) Benzo(k)fluoranthene	23.28	252	15771	0.446	ng	98
37) Benzo(a)pyrene	23.90	252	13993	0.447	ng	95
38) Dibenzo(a,h)anthracene	26.73	278	13232	0.448	ng	97
39) Benzo(g,h,i)perylene	27.54	276	13300	0.447	ng	98

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

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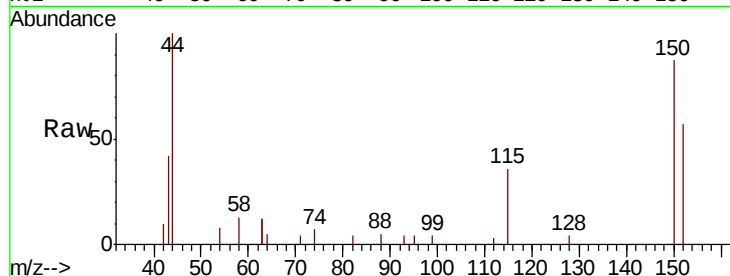


#1

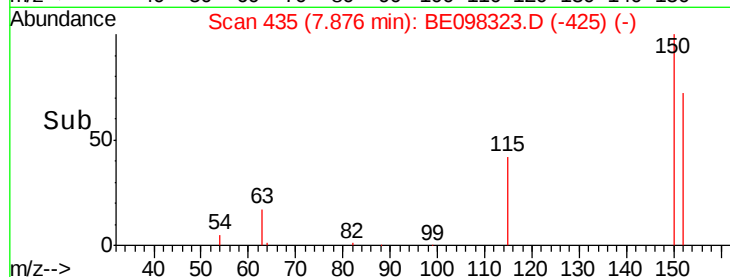
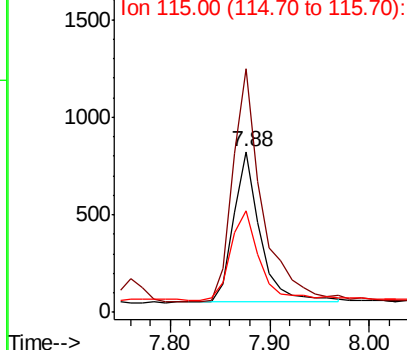
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1436
Ion Ratio Lower Upper
152 100
150 151.5 124.2 186.4
115 63.1 53.9 80.9



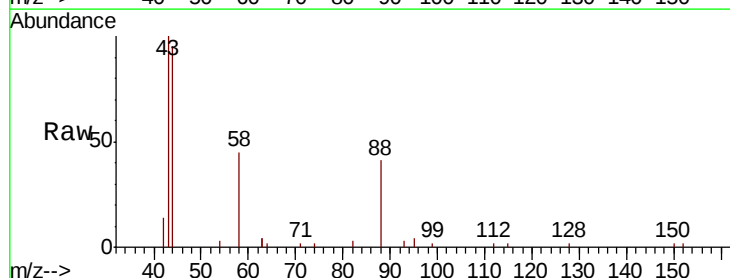
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



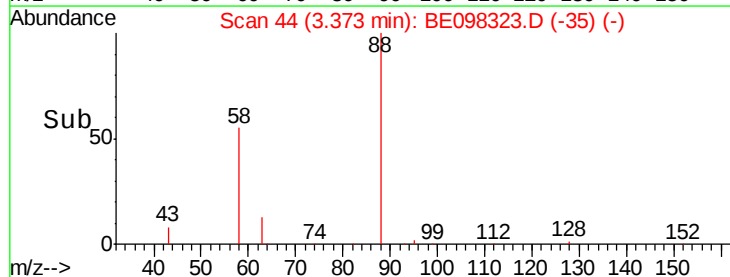
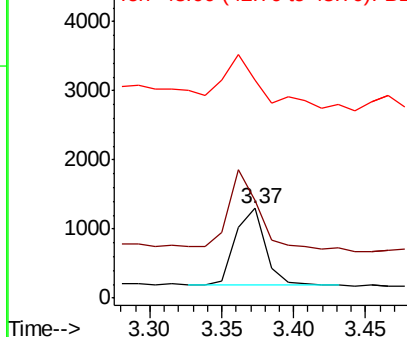
#2

1,4-Dioxane
Concen: 0.641 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

Tgt Ion: 88 Resp: 1593
Ion Ratio Lower Upper
88 100
58 99.4 75.0 112.6
43 82.5 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



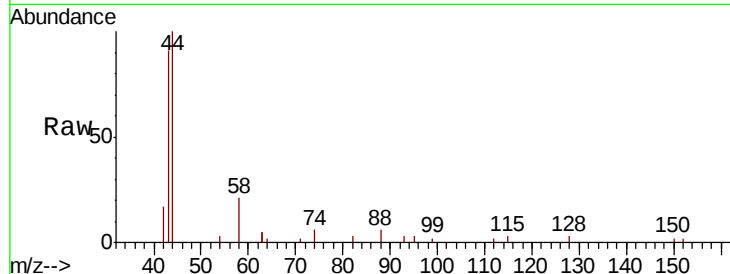


#3

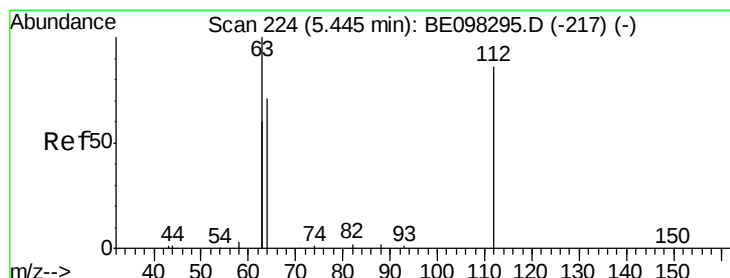
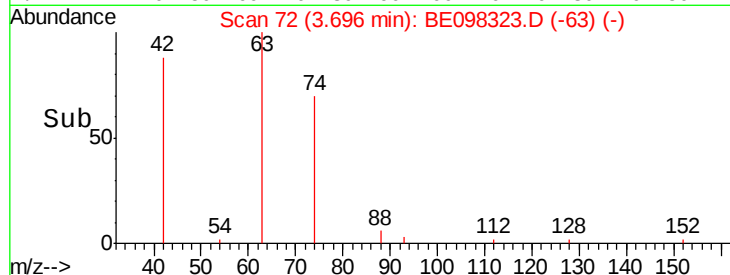
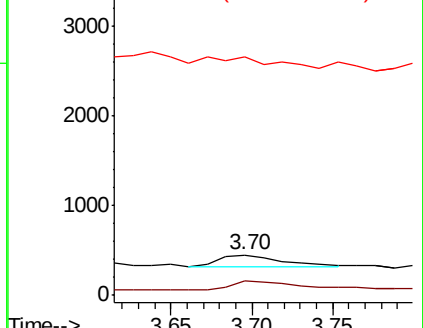
n-Nitrosodimethylamine
 Concen: 0.153 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 342
 Ion Ratio Lower Upper
 42 100
 74 72.8 0.0 0.0#
 44 0.0 0.0 0.0



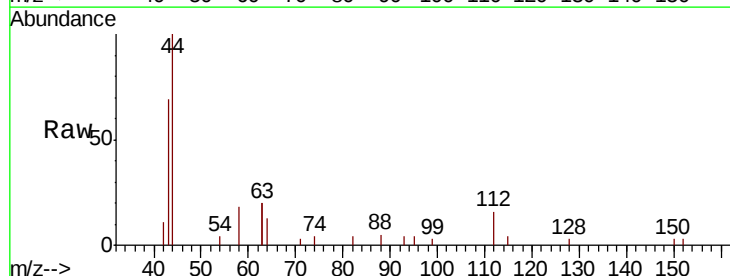
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



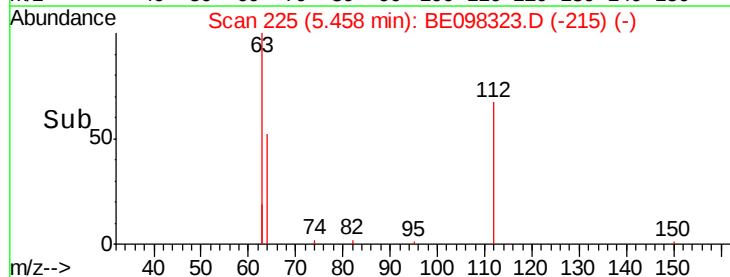
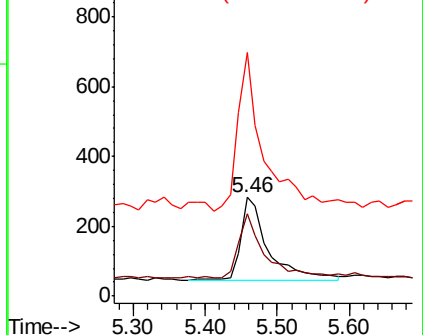
#4

2-Fluorophenol
 Concen: 0.187 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

Tgt Ion: 112 Resp: 628
 Ion Ratio Lower Upper
 112 100
 64 77.9 59.8 89.8
 63 197.1 133.7 200.5



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: 0.111 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

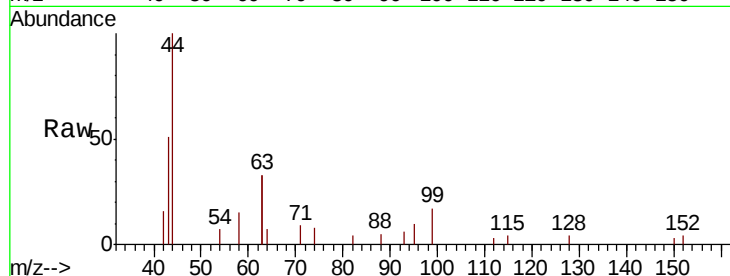
Tot Ion: 99 Resp: 527

Ion Ratio Lower Upper

99 100

42 74.0 26.3 39.5#

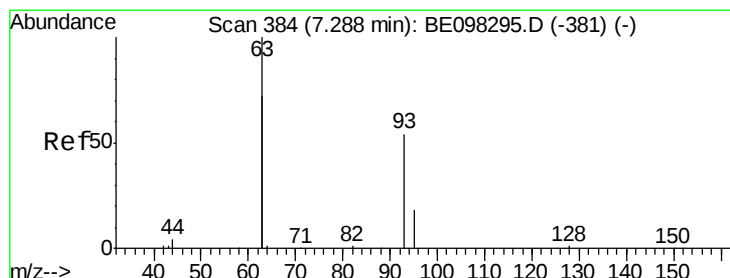
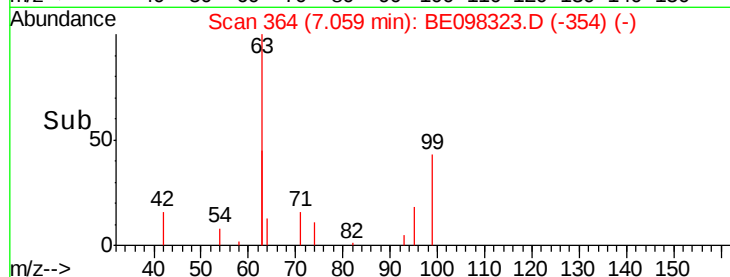
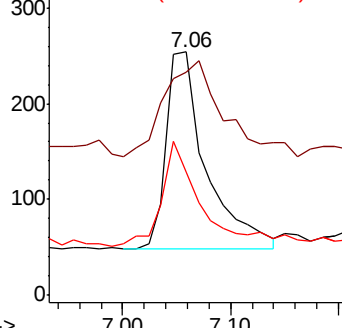
71 0.0 33.6 50.4#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.345 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

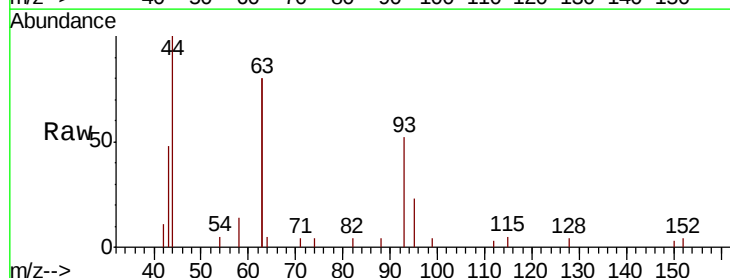
Tgt Ion: 93 Resp: 1559

Ion Ratio Lower Upper

93 100

63 370.8 264.4 396.6

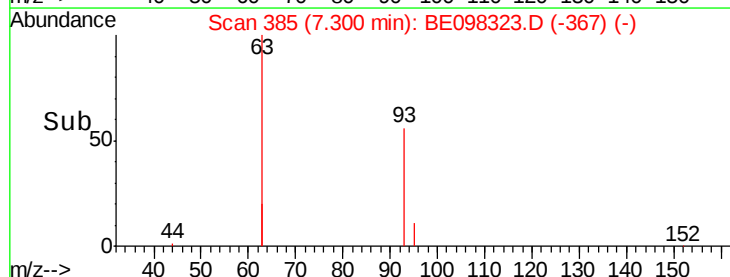
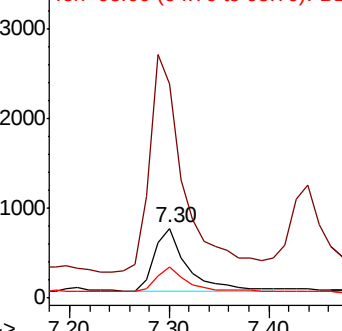
95 39.1 26.6 40.0



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: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5920

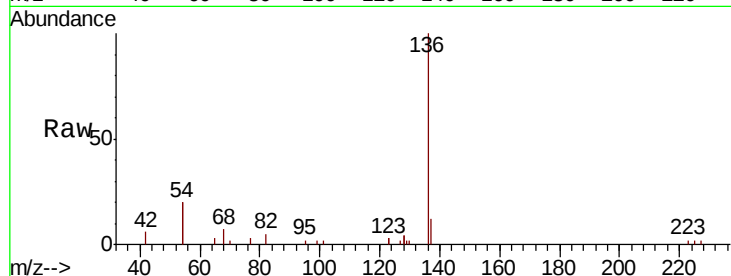
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 39.2 28.4 42.6

68 6.7 5.4 8.0

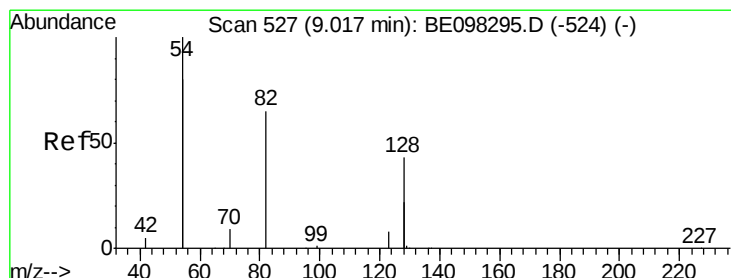
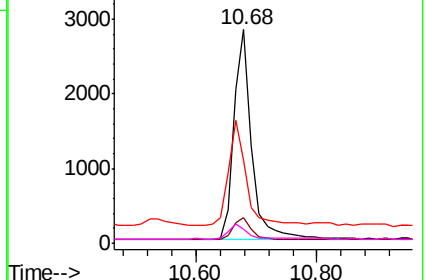
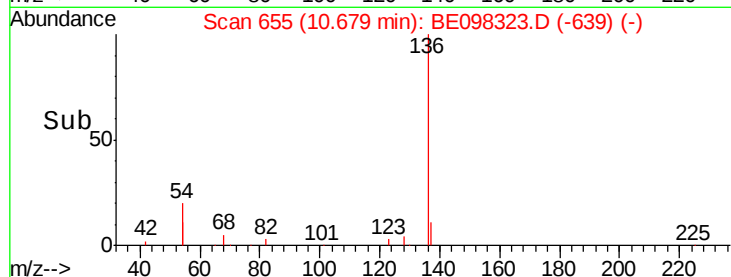


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

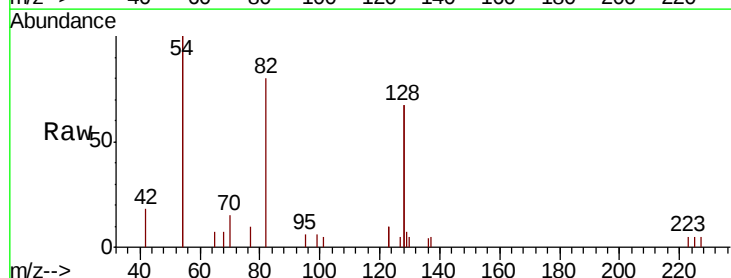
Tgt Ion: 82 Resp: 2115

Ion Ratio Lower Upper

82 100

128 166.8 102.4 153.6#

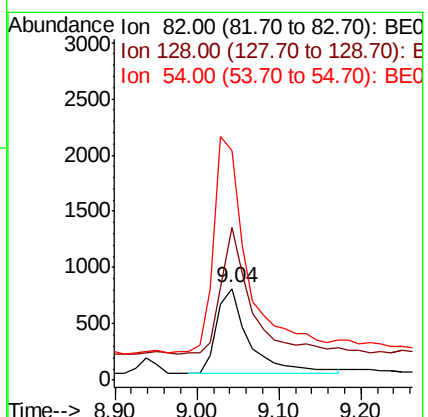
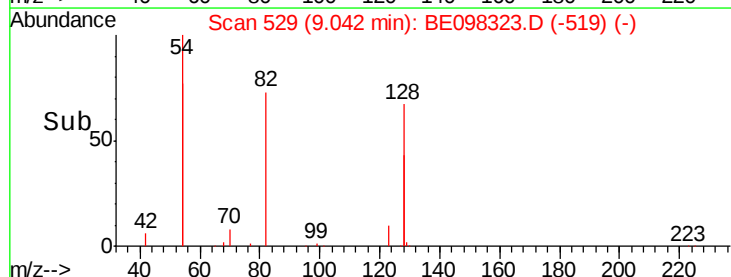
54 250.4 221.8 332.8



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: 0.422 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampled :

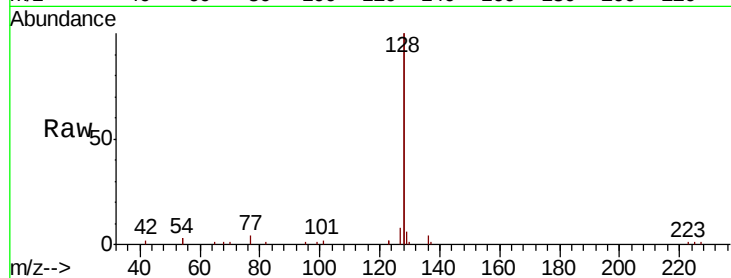
Tot Ion:128 Resp: 25116

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

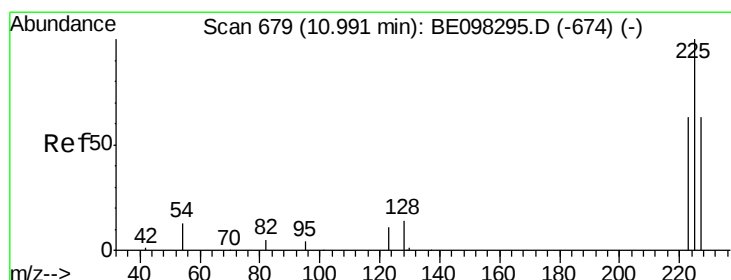
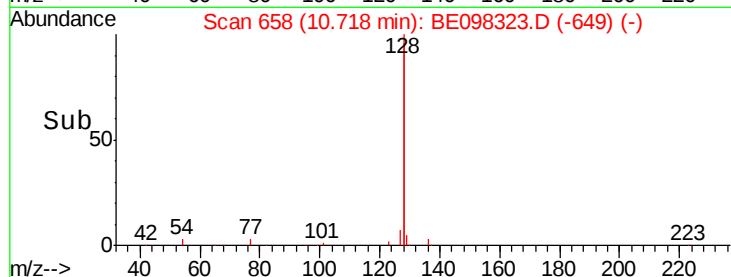
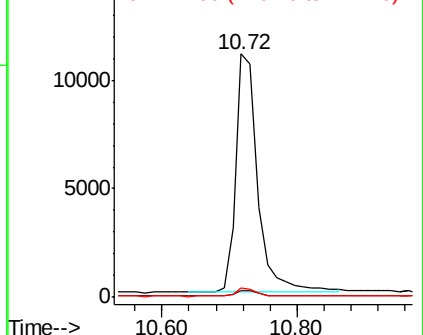
127 3.9 2.7 4.1



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: 0.352 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

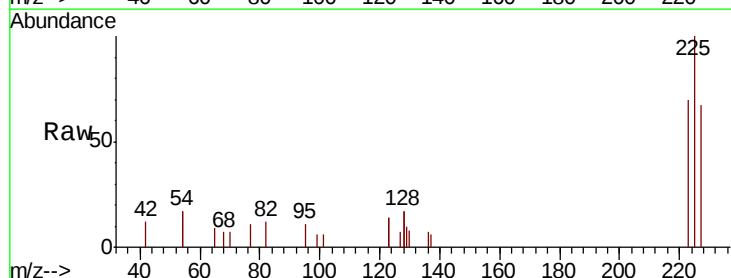
Tgt Ion:225 Resp: 1334

Ion Ratio Lower Upper

225 100

223 65.2 49.4 74.0

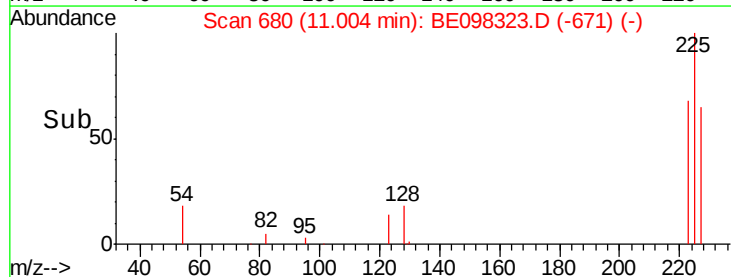
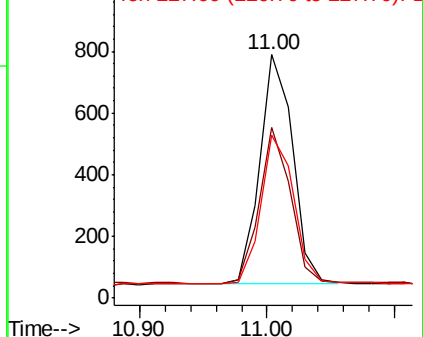
227 64.6 52.0 78.0



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





#11

2-Methylnaphthalene-d10

Concen: 0.559 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

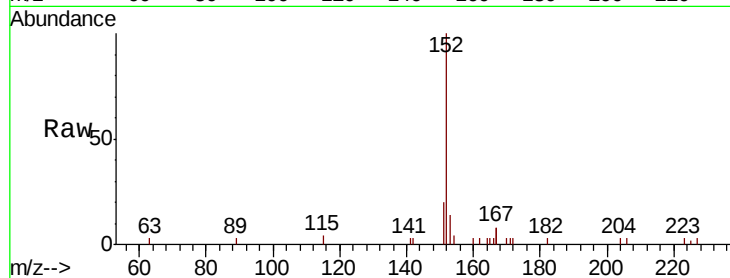
ClientSampleId :

Tot Ion:152 Resp: 5381

Ion Ratio Lower Upper

152 100

151 13.4 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

2000

1500

1000

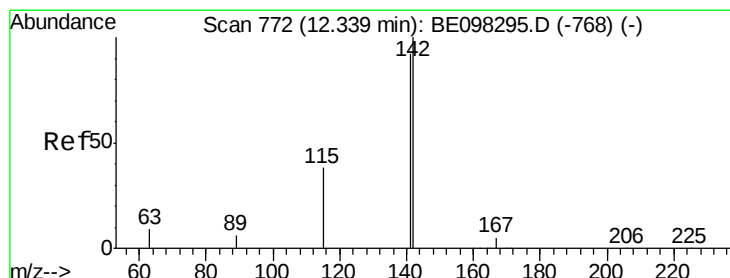
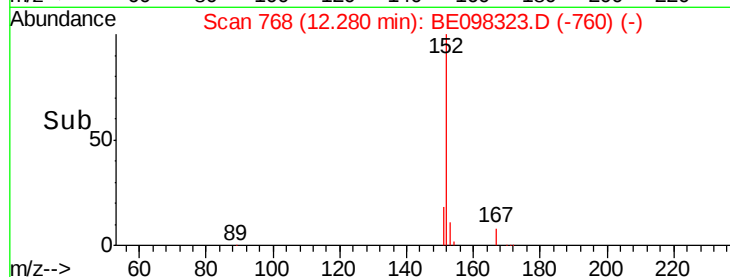
500

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.437 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

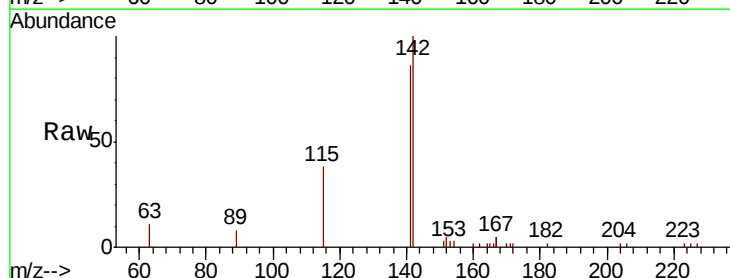
Tgt Ion:142 Resp: 4228

Ion Ratio Lower Upper

142 100

141 86.1 71.0 106.6

115 38.1 32.2 48.2



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

3000

2500

2000

1500

1000

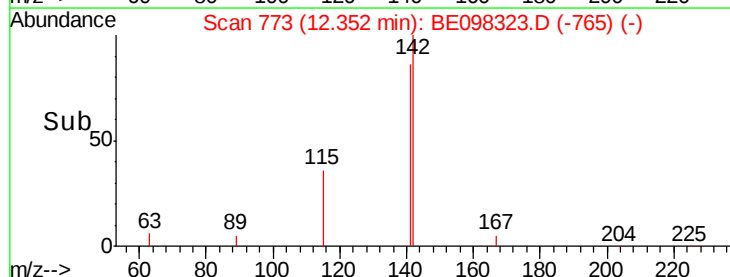
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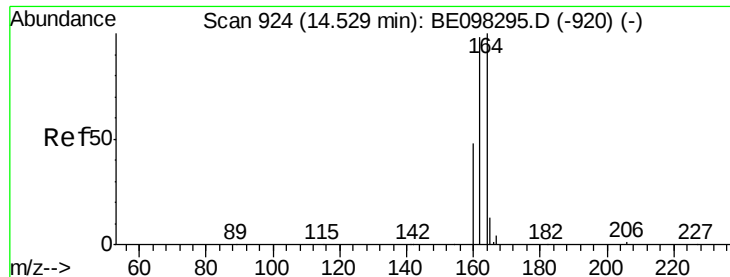
0

12.30

12.40

Time-->

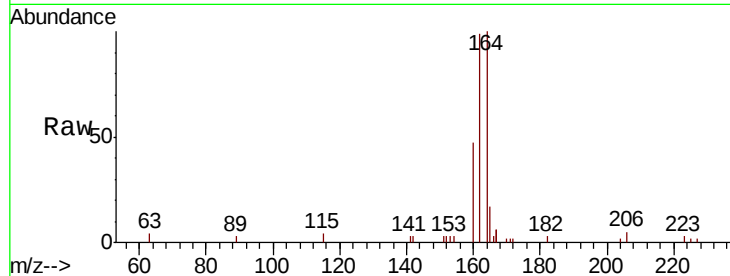




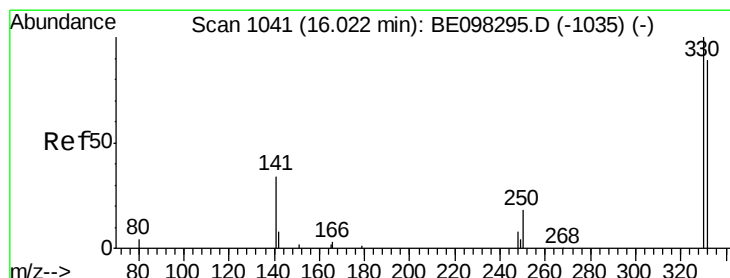
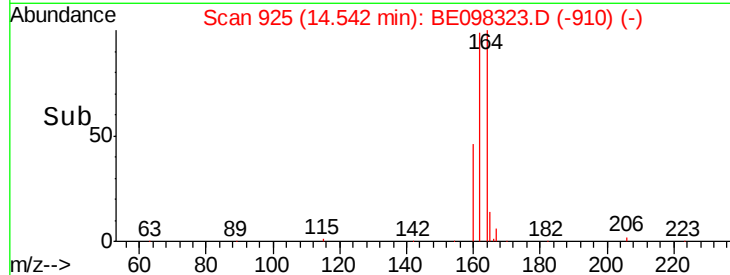
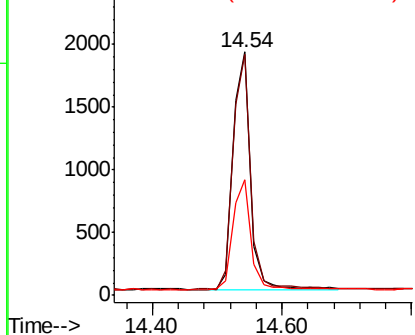
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 3534
 Ion Ratio Lower Upper
 164 100
 162 99.2 77.6 116.4
 160 47.3 36.0 54.0

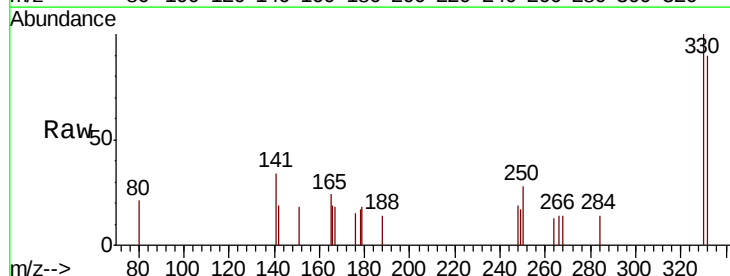


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

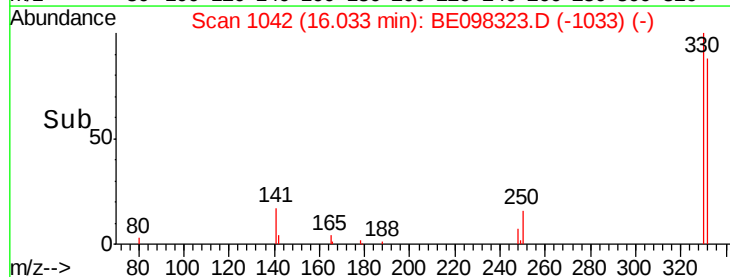
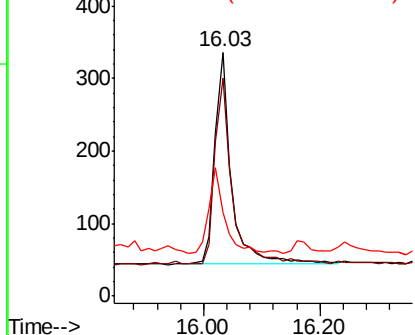


#14
 2,4,6-Tribromophenol
 Concen: 0.436 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

Tgt Ion:330 Resp: 566
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.2 114.4
 141 39.2 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

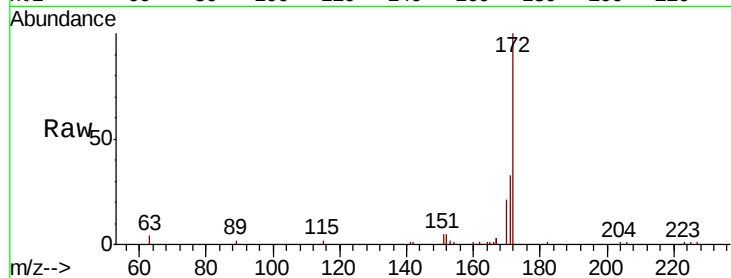




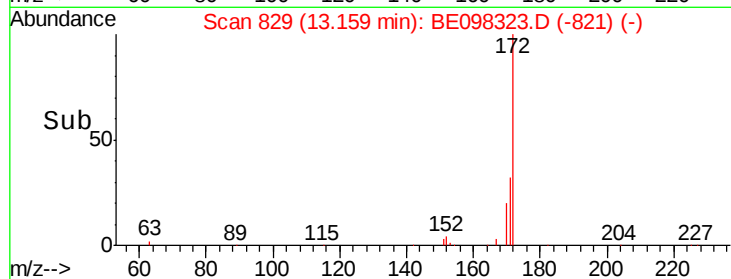
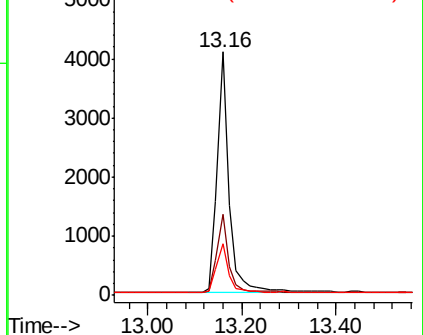
#15
2-Fluorobiphenyl
Concen: 0.484 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 7208
Ion Ratio Lower Upper
172 100
171 33.1 27.5 41.3
170 21.2 19.6 29.4

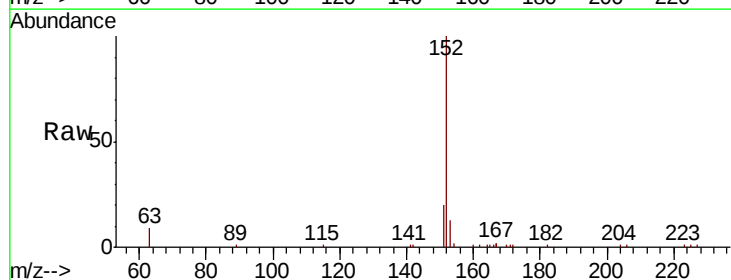


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

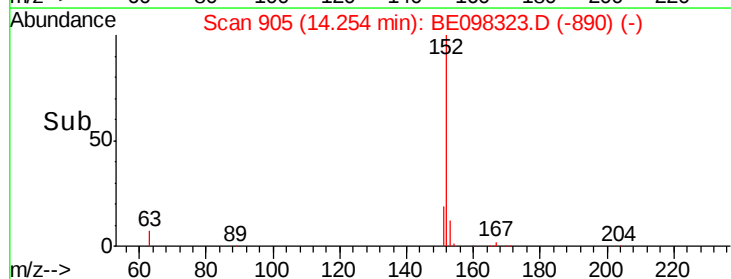
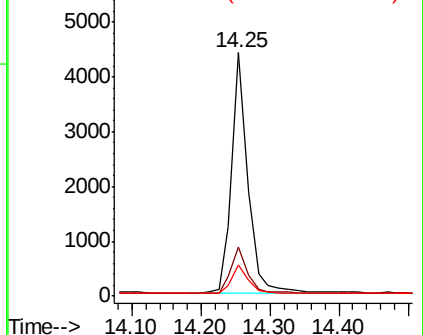


#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.01 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

Tgt Ion:152 Resp: 7129
Ion Ratio Lower Upper
152 100
151 20.3 15.5 23.3
153 12.5 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: 0.405 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

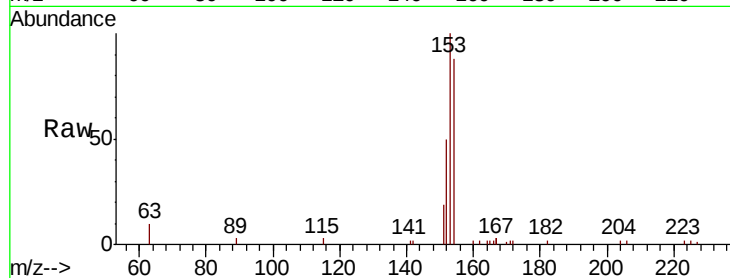
Tot Ion:154 Resp: 4024

Ion Ratio Lower Upper

154 100

153 118.4 91.8 137.6

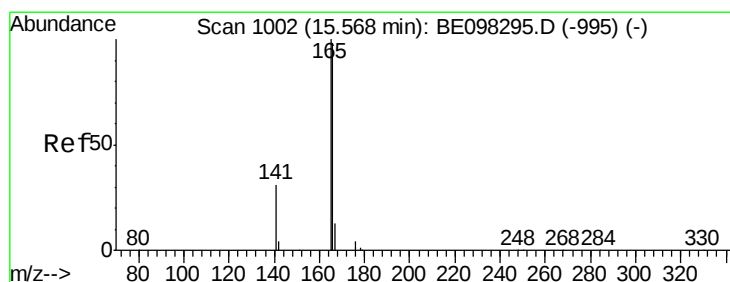
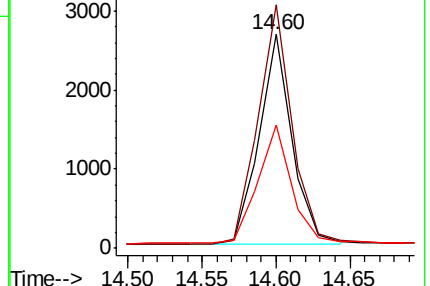
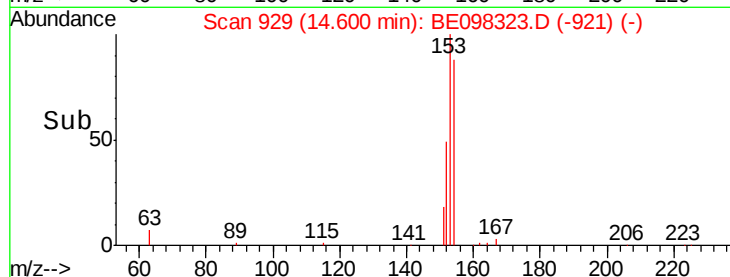
152 58.1 45.5 68.3



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: 0.426 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

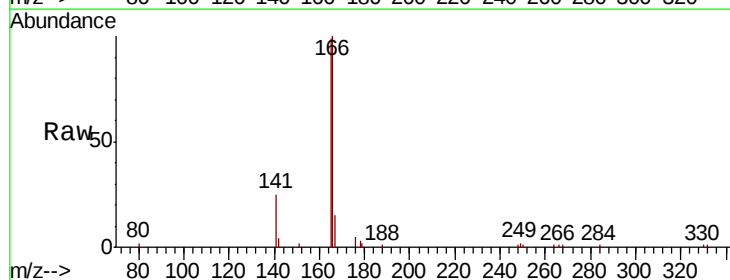
Tgt Ion:166 Resp: 5663

Ion Ratio Lower Upper

166 100

165 98.7 79.3 118.9

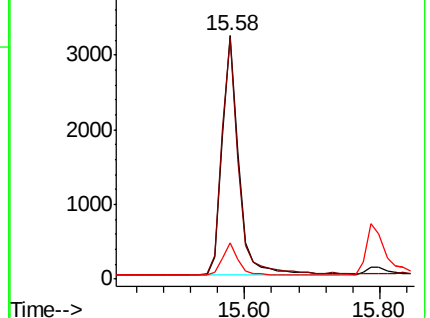
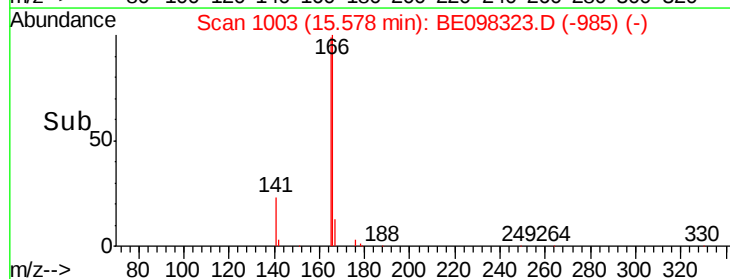
167 12.9 11.3 16.9



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: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

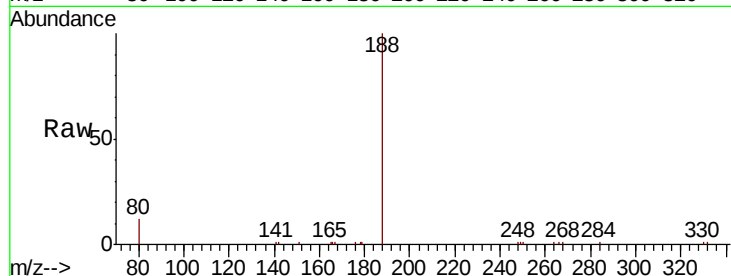
Tot Ion:188 Resp: 9202

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

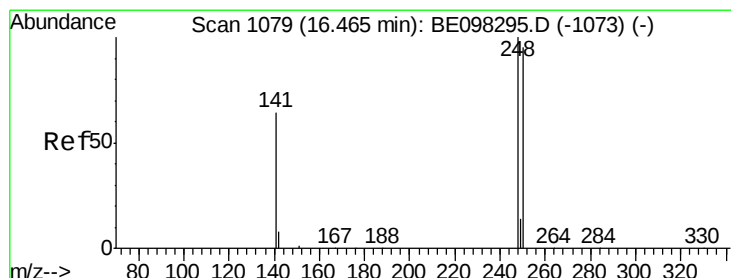
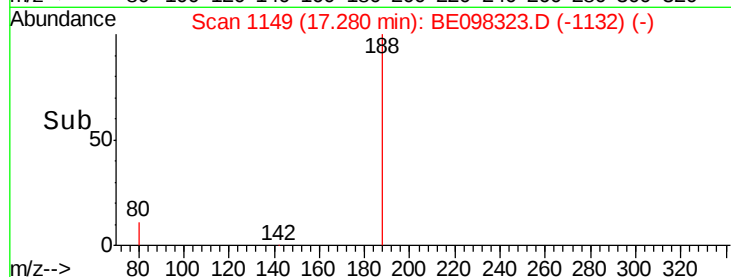
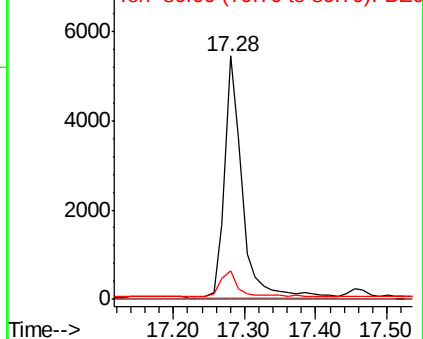
80 11.7 7.2 10.8#



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: 0.402 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

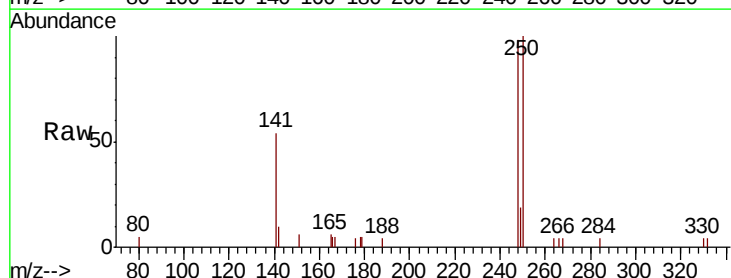
Tgt Ion:248 Resp: 1990

Ion Ratio Lower Upper

248 100

250 102.2 71.0 106.6

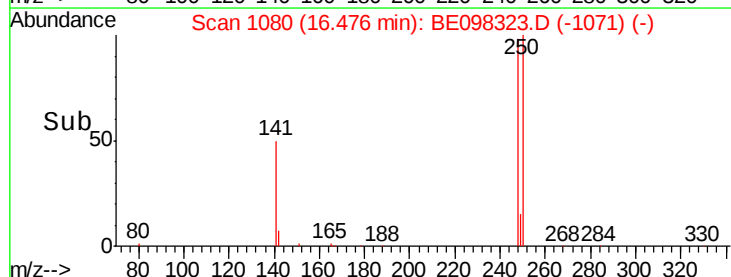
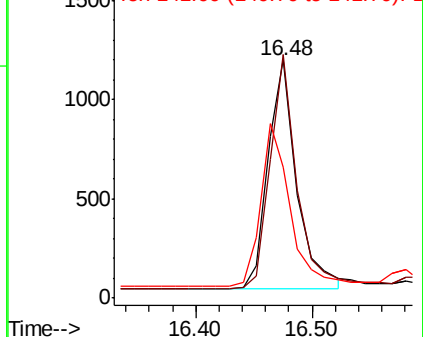
141 54.7 62.1 93.1#



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: 0.379 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

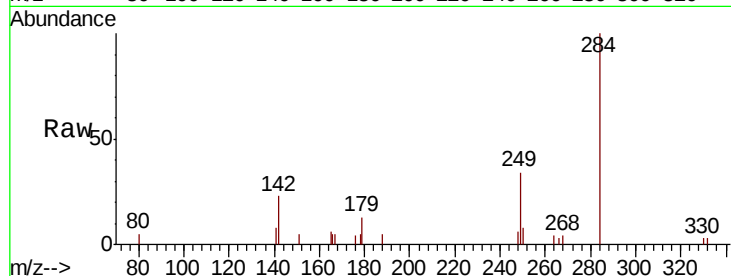
Tot Ion:284 Resp: 2018

Ion Ratio Lower Upper

284 100

142 35.5 26.3 39.5

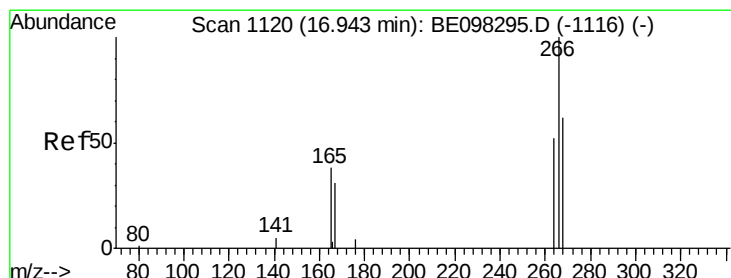
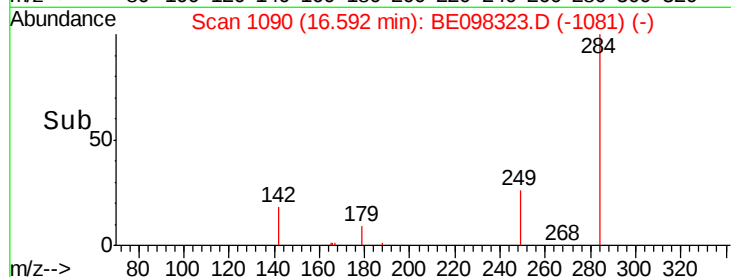
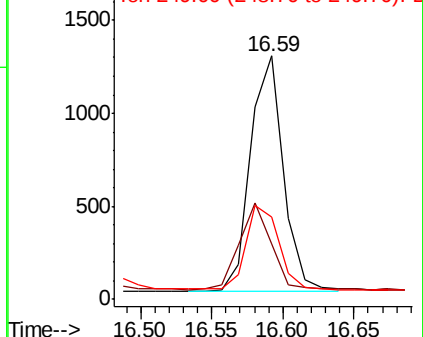
249 36.4 26.0 39.0



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



#22

Pentachlorophenol

Concen: 0.859 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

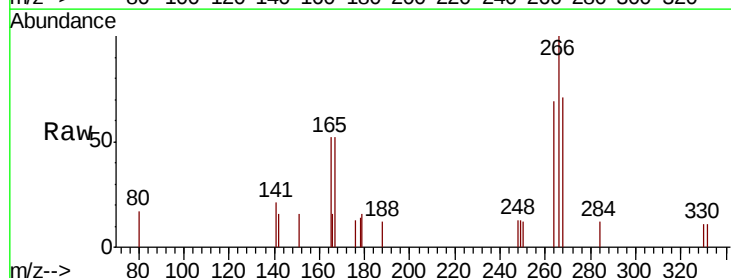
Tgt Ion:266 Resp: 851

Ion Ratio Lower Upper

266 100

264 69.0 59.0 88.4

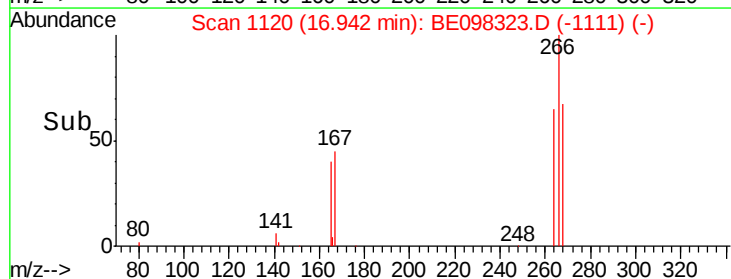
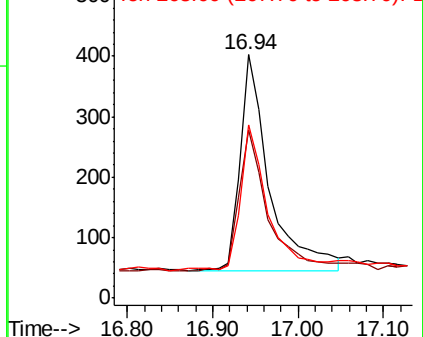
268 71.0 55.1 82.7



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: 0.453 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

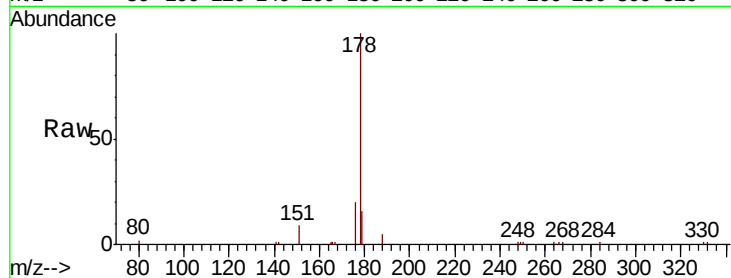
Tot Ion:178 Resp: 10126

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.6 12.3 18.5

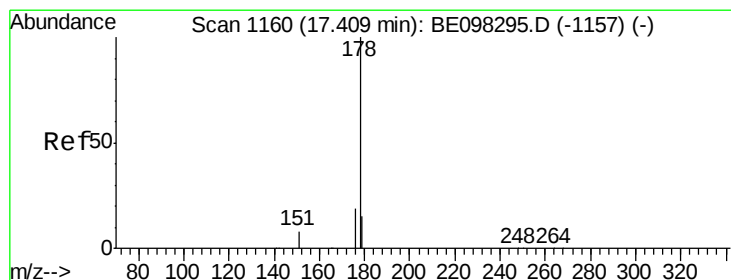
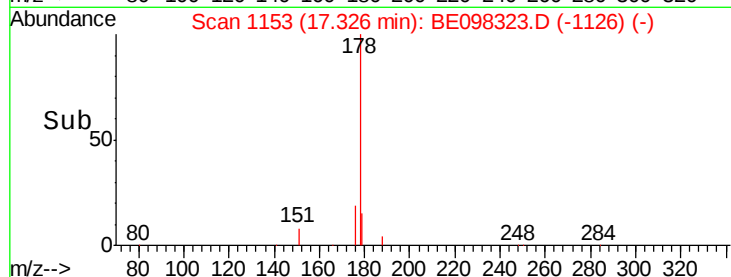
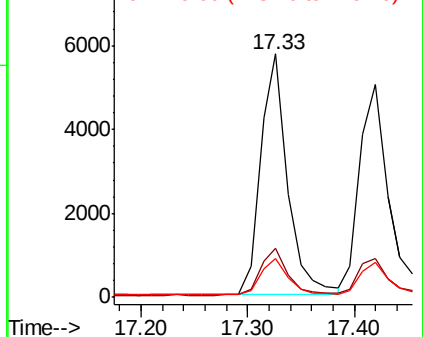


Abundance

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: 0.447 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

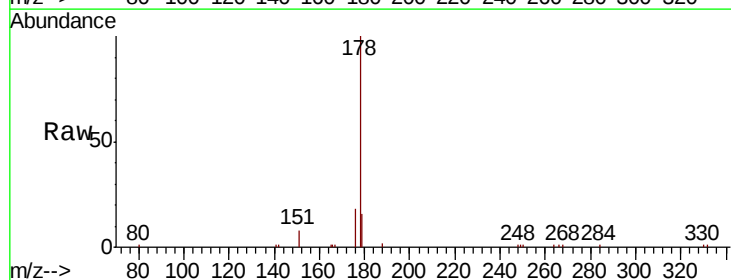
Tgt Ion:178 Resp: 8908

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 15.4 12.3 18.5

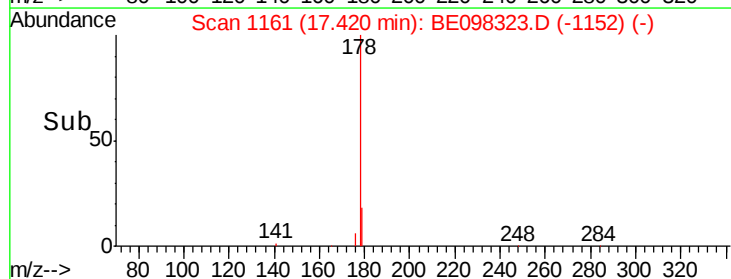
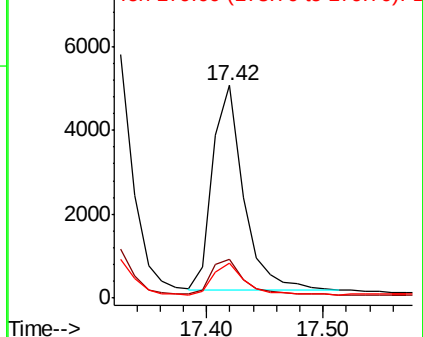


Abundance

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

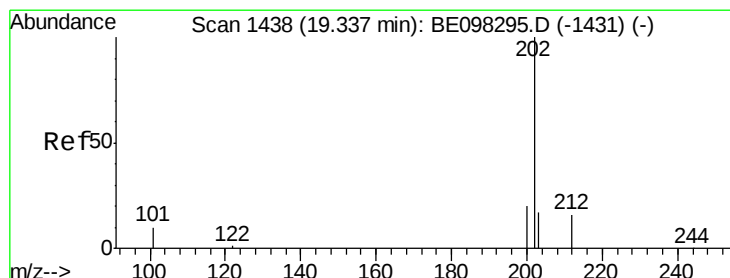
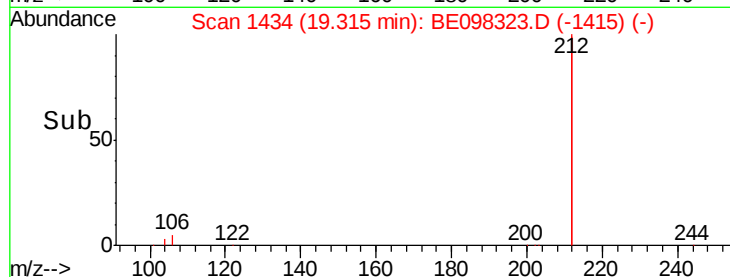
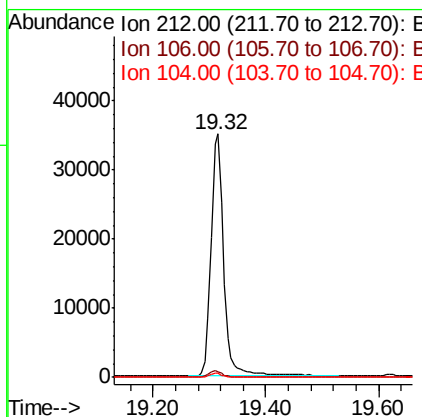
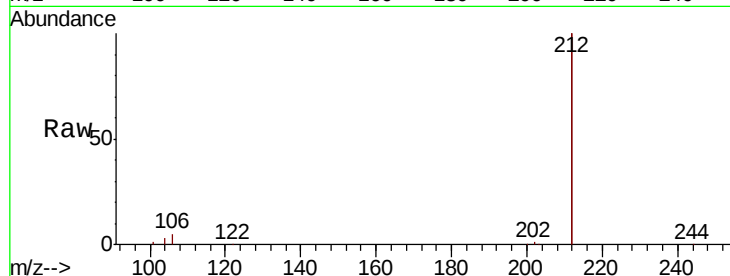




#25
 Fluoranthene-d10
 Concen: 0.458 ng
 RT: 19.32 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

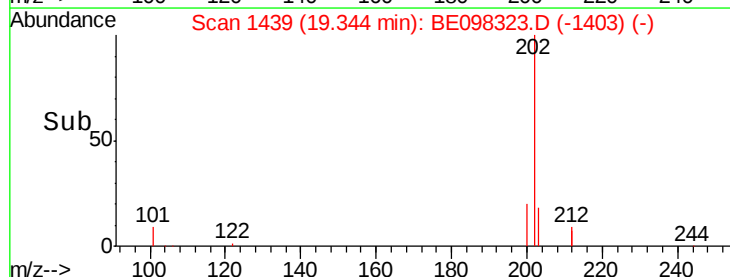
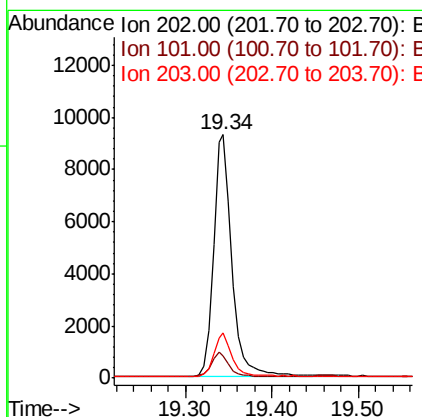
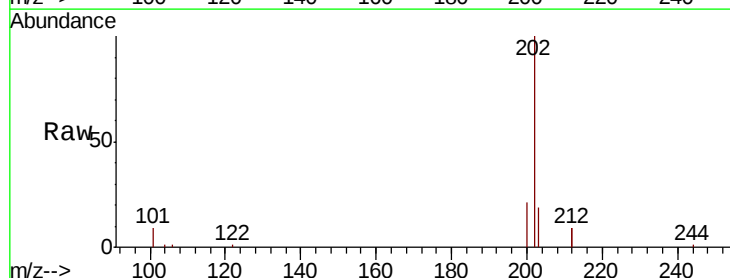
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 54028
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9



#26
 Fluoranthene
 Concen: 0.471 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

Tgt Ion:202 Resp: 13944
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.0 12.0
 203 16.8 13.8 20.6

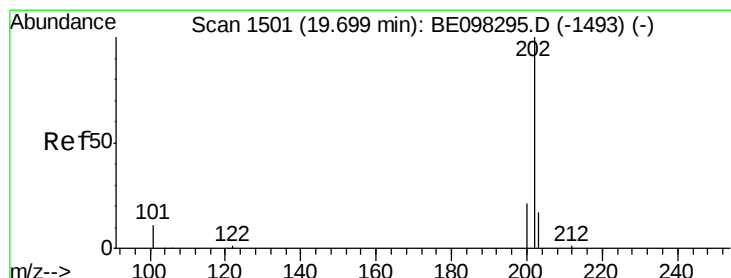
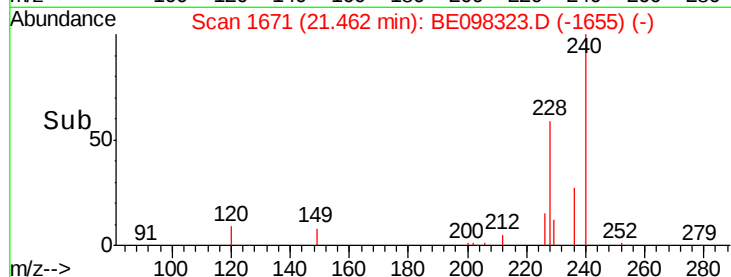
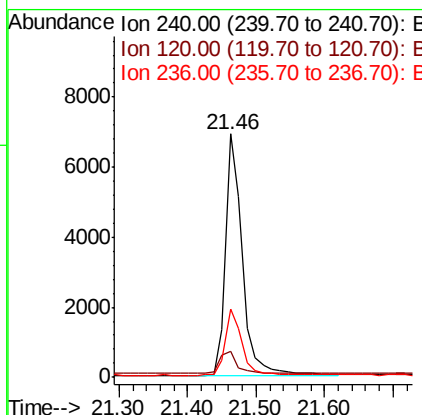
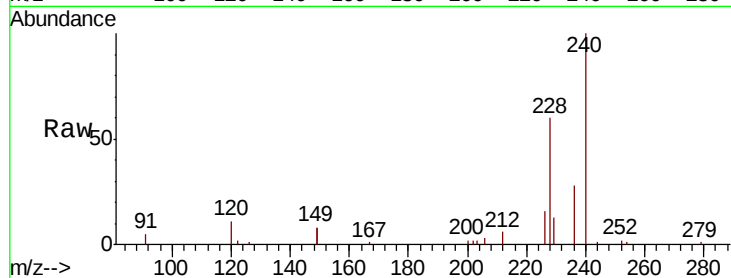




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

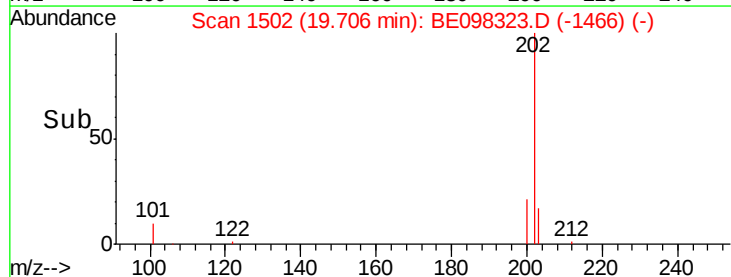
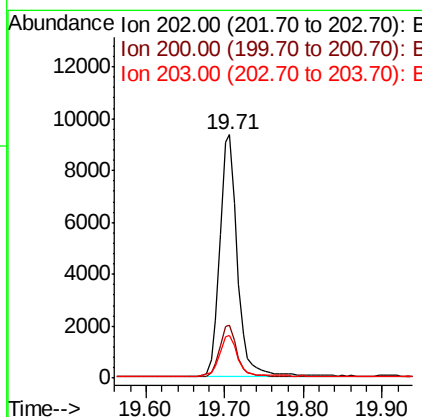
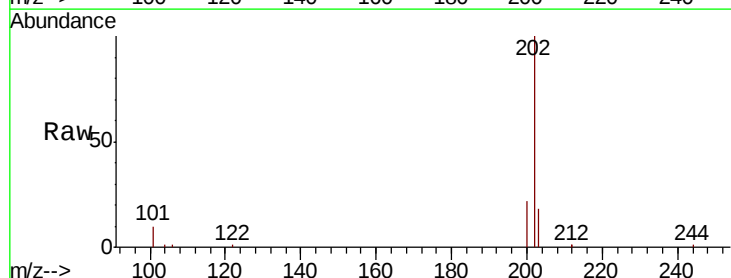
Instrument :
BNA_E
ClientSampleId :

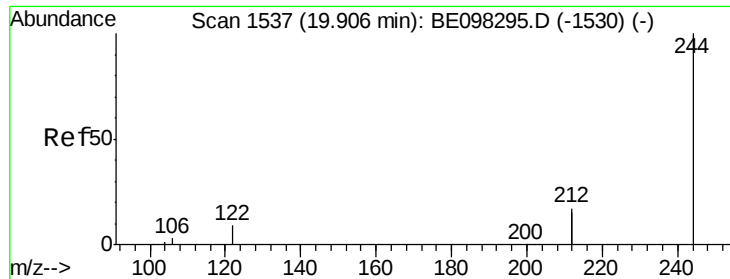
Tot Ion:240 Resp: 11688
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 28.1 22.7 34.1



#28
Pyrene
Concen: 0.392 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

Tgt Ion:202 Resp: 14377
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.466 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

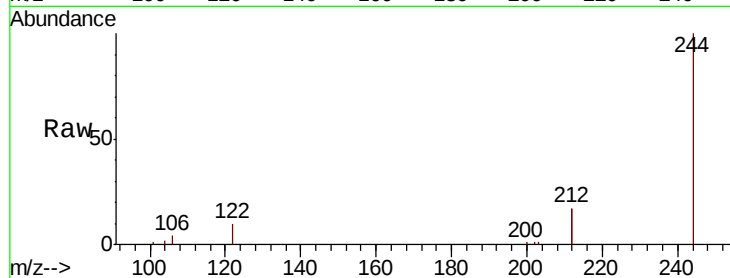
Tot Ion:244 Resp: 13231

Ion Ratio Lower Upper

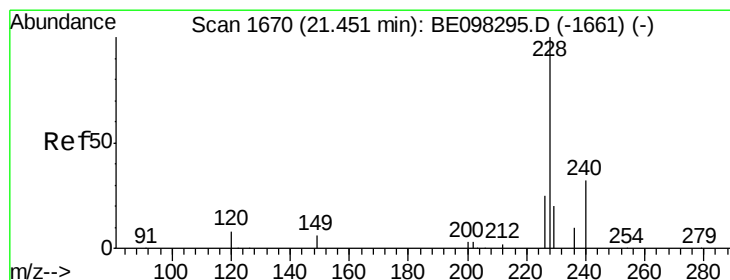
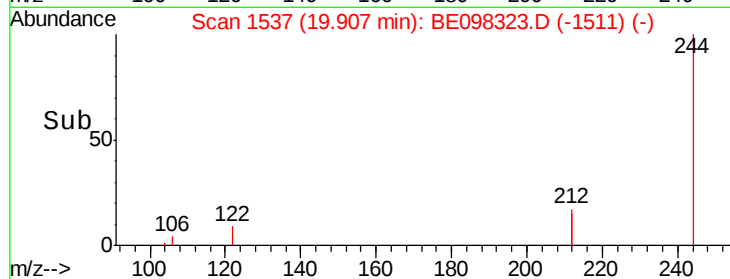
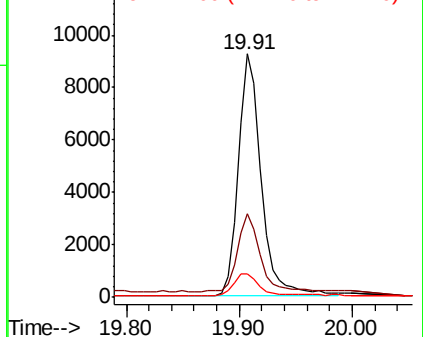
244 100

212 34.2 27.4 41.0

122 9.9 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: 0.444 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

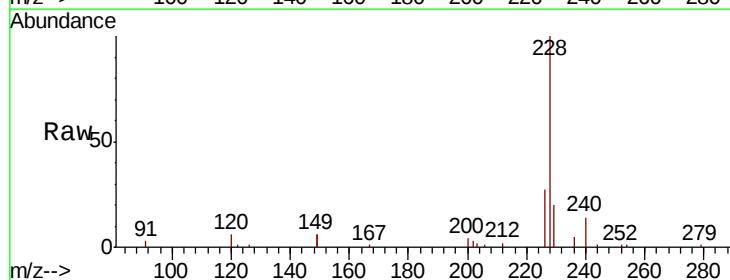
Tgt Ion:228 Resp: 14773

Ion Ratio Lower Upper

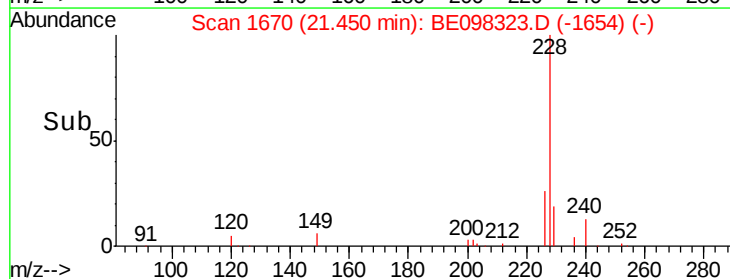
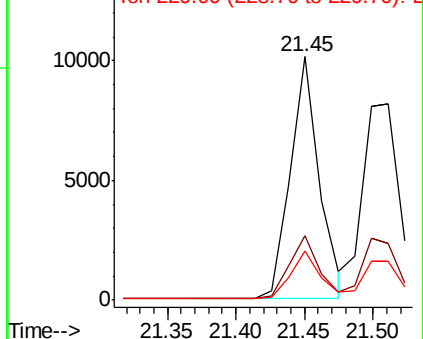
228 100

226 26.6 21.8 32.8

229 20.0 16.3 24.5



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: 0.441 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

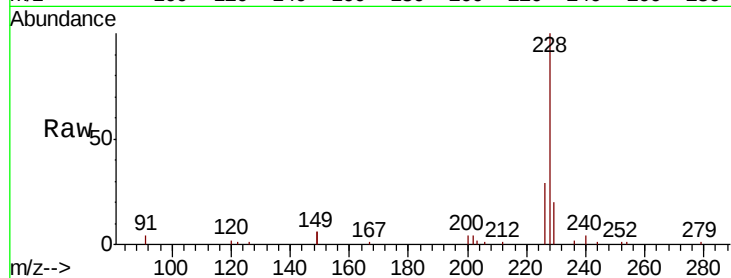
Tot Ion:228 Resp: 15392

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

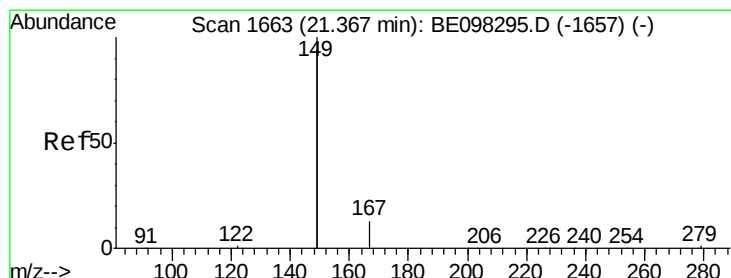
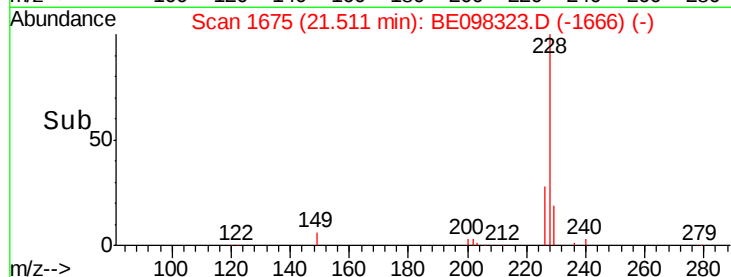
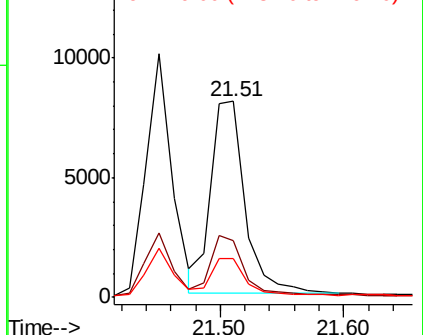
229 19.9 16.2 24.4



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: 0.627 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

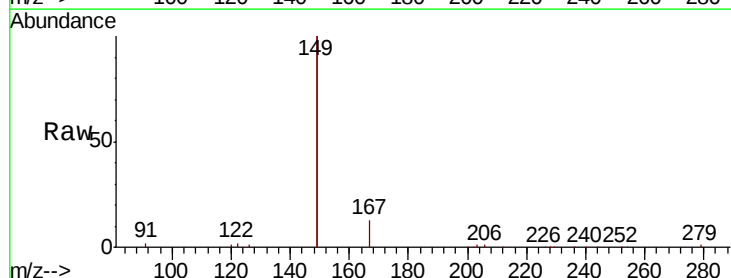
Tgt Ion:149 Resp: 42391

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

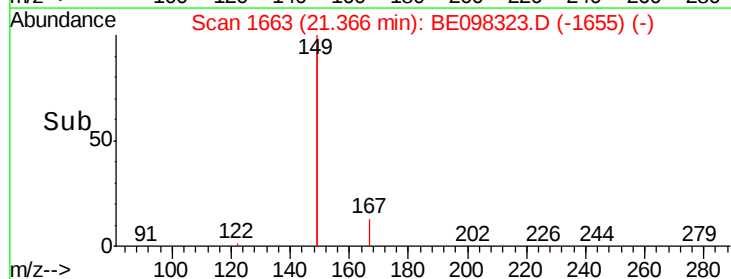
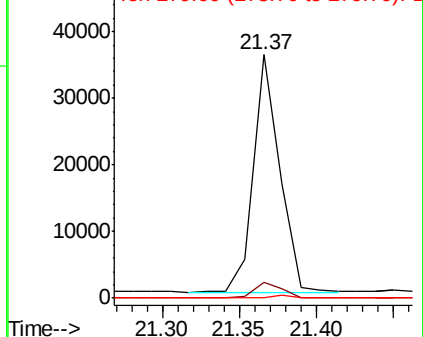
279 1.0 1.0 1.4



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

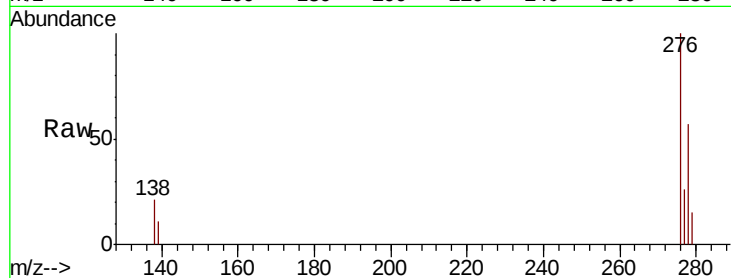




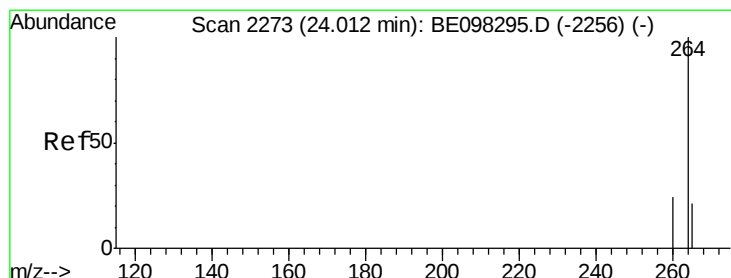
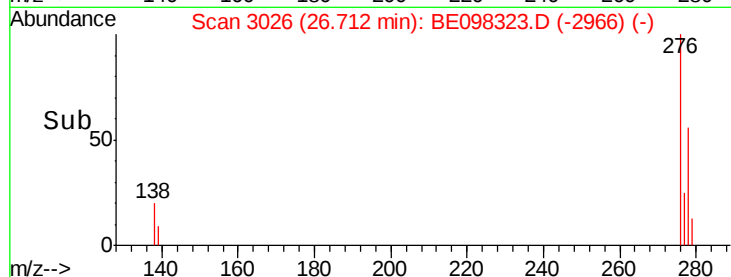
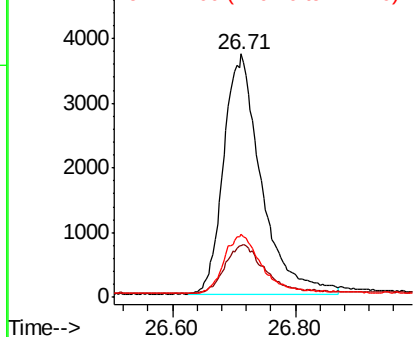
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.452 ng
 RT: 26.71 min Scan# 3026
 Delta R.T. 0.01 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 15682
 Ion Ratio Lower Upper
 276 100
 138 20.9 16.3 24.5
 277 24.5 20.2 30.4

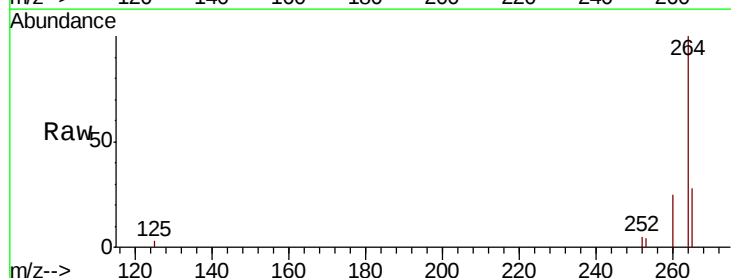


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

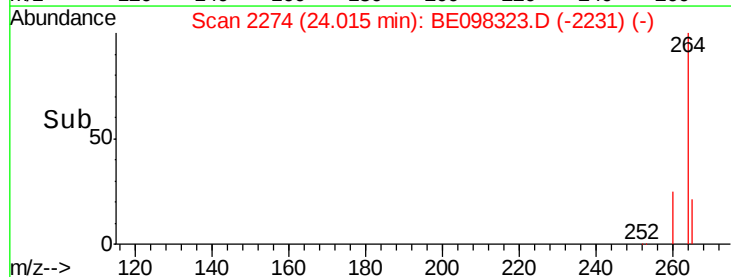
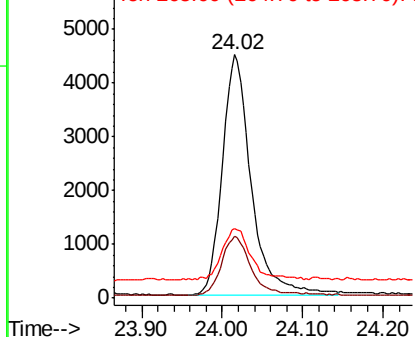


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098323.D
 Acq: 11 Dec 2018 7:28

Tgt Ion:264 Resp: 11101
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 28.5 25.2 37.8



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

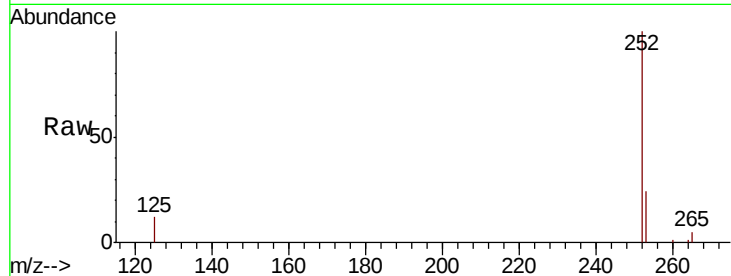




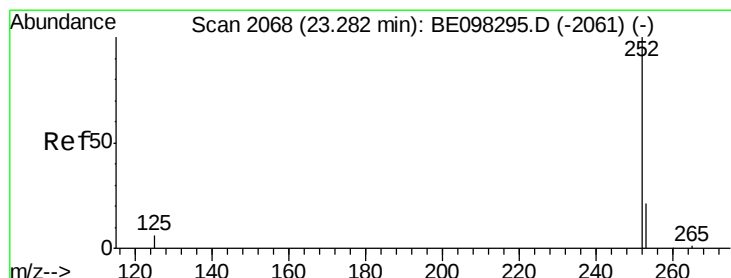
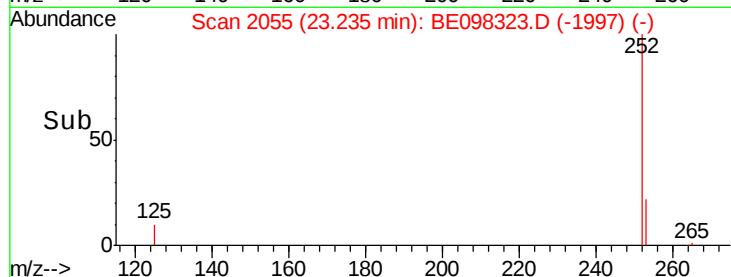
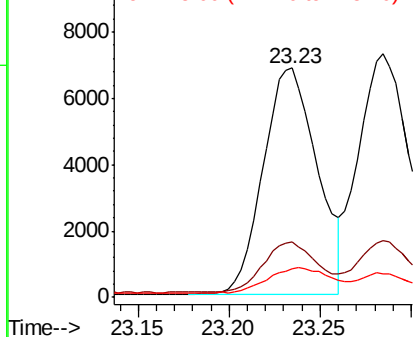
#35
Benzo(b)fluoranthene
Concen: 0.463 ng
RT: 23.23 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 14067
Ion Ratio Lower Upper
252 100
253 23.9 20.0 30.0
125 12.2 9.6 14.4

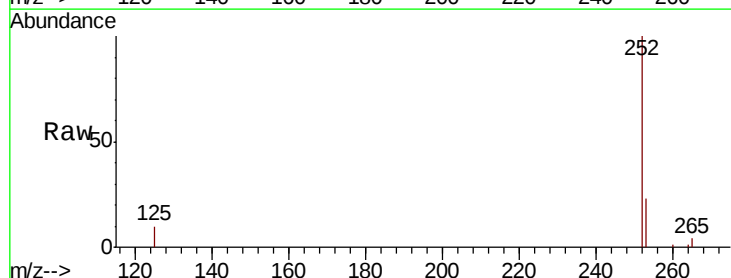


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

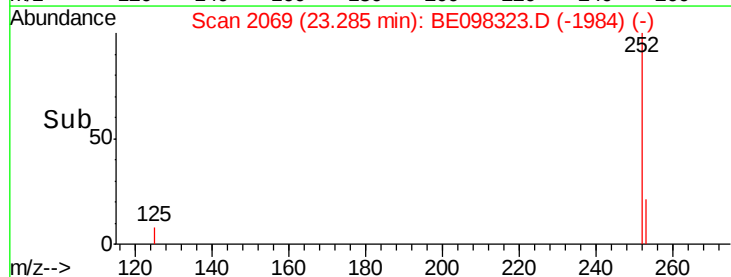
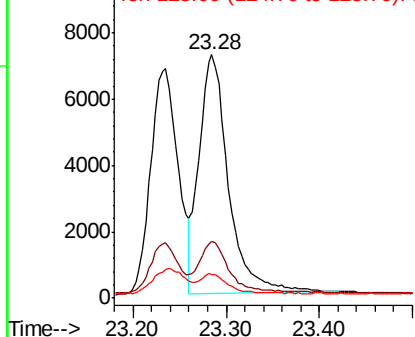


#36
Benzo(k)fluoranthene
Concen: 0.446 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098323.D
Acq: 11 Dec 2018 7:28

Tgt Ion:252 Resp: 15771
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 9.7 9.1 13.7



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





#37

Benzo(a)pyrene

Concen: 0.447 ng

RT: 23.90 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :

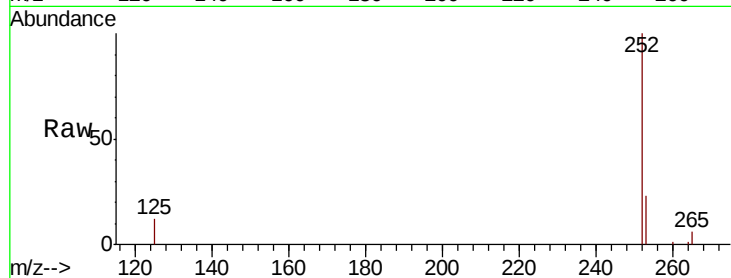
Tot Ion:252 Resp: 13993

Ion Ratio Lower Upper

252 100

253 23.1 20.6 30.8

125 11.7 10.5 15.7

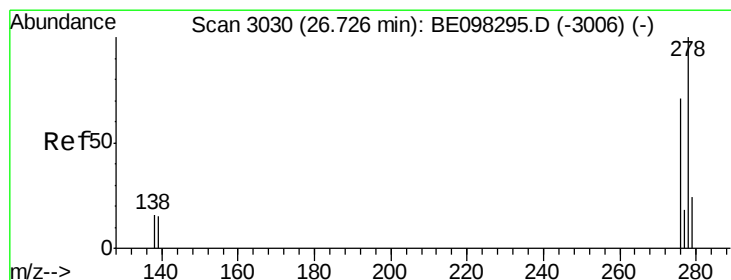
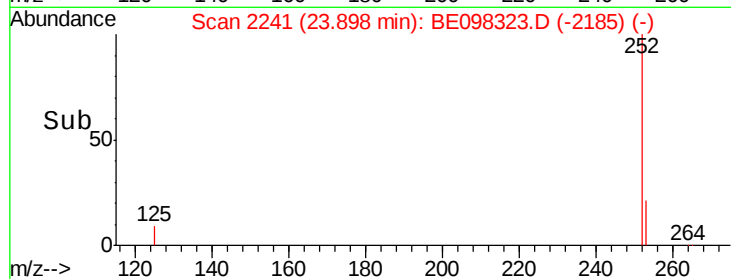
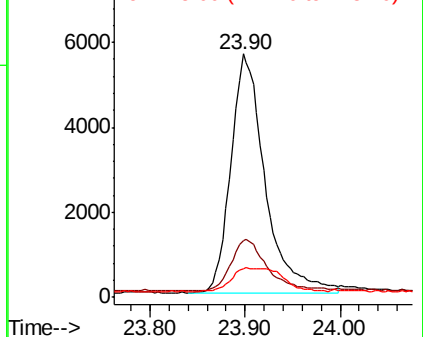


Abundance

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: 0.448 ng

RT: 26.73 min Scan# 3032

Delta R.T. 0.01 min

Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

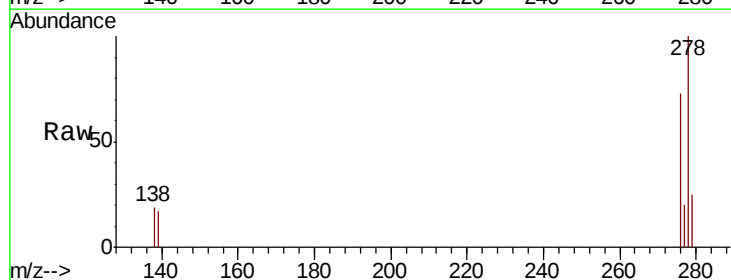
Tgt Ion:278 Resp: 13232

Ion Ratio Lower Upper

278 100

139 17.4 14.5 21.7

279 25.5 21.8 32.8

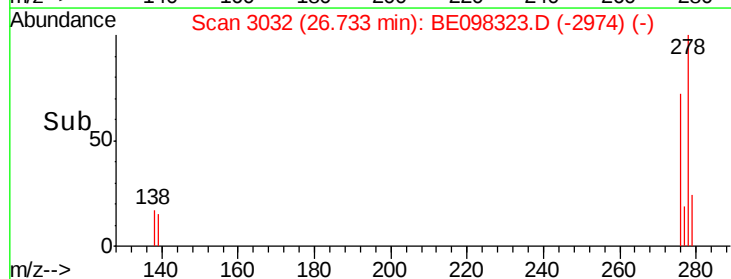
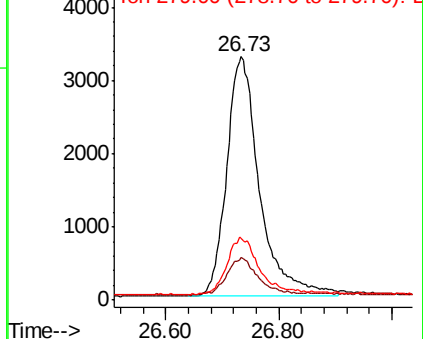


Abundance

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: 0.447 ng

RT: 27.54 min Scan# 3257

Delta R.T. 0.01 min

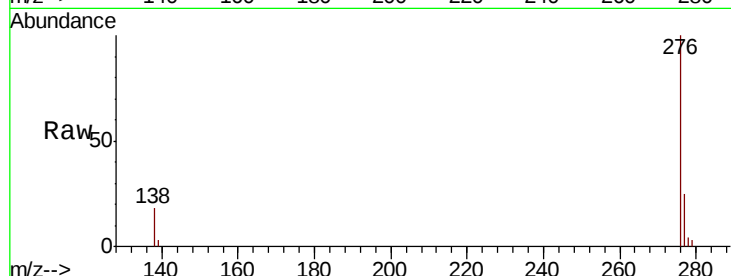
Lab File: BE098323.D

Acq: 11 Dec 2018 7:28

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 13300

Ion Ratio Lower Upper

276 100

277 25.1 20.8 31.2

138 18.5 15.8 23.6

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

