

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098336.D
 Acq On : 11 Dec 2018 17:04
 Operator : SJ/JU
 Sample : J6259-06MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:36:41 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	7.86	152	1234	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5199	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3272	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9071	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11340	0.40	ng	0.00
34) Perylene-d12	24.01	264	10629	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	453	0.16	ng	0.01
5) Phenol-d6	7.05	99	465	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1992	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4786	0.57	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	483	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6511	0.47	ng	0.00
25) Fluoranthene-d10	19.31	212	52189	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	12968	0.47	ng	0.00

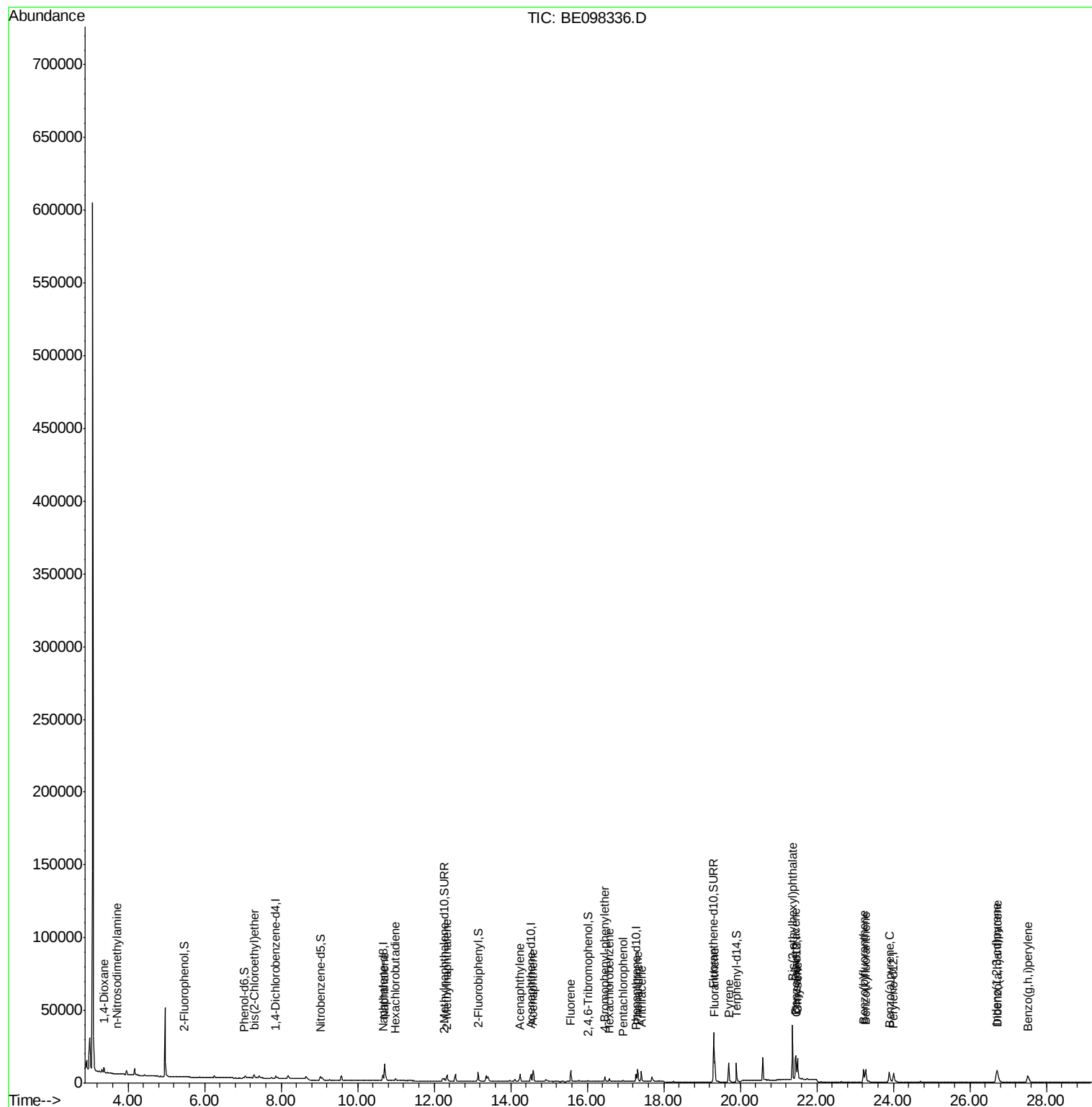
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	2048	0.960	ng	# 81
3) n-Nitrosodimethylamine	3.71	42	226	0.118	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1258	0.324	ng	85
9) Naphthalene	10.71	128	22270	0.426	ng	99
10) Hexachlorobutadiene	10.99	225	1204	0.361	ng	97
12) 2-Methylnaphthalene	12.34	142	3785	0.445	ng	99
16) Acenaphthylene	14.24	152	6685	0.436	ng	99
17) Acenaphthene	14.59	154	3763	0.409	ng	98
18) Fluorene	15.57	166	5512	0.447	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	1922	0.394	ng	91
21) Hexachlorobenzene	16.58	284	1952	0.372	ng	95
22) Pentachlorophenol	16.94	266	716	0.755	ng	95
23) Phenanthrene	17.31	178	9589	0.435	ng	99
24) Anthracene	17.41	178	8501	0.433	ng	99
26) Fluoranthene	19.34	202	13469	0.462	ng	99
28) Pyrene	19.70	202	13877	0.390	ng	99
30) Benzo(a)anthracene	21.44	228	14363	0.445	ng	97
31) Chrysene	21.50	228	14374	0.425	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	39776	0.606	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	14756	0.438	ng	99
35) Benzo(b)fluoranthene	23.22	252	13073	0.450	ng	98
36) Benzo(k)fluoranthene	23.28	252	15350	0.453	ng	98
37) Benzo(a)pyrene	23.89	252	13765	0.459	ng	96
38) Dibenzo(a,h)anthracene	26.72	278	12335	0.437	ng	97
39) Benzo(g,h,i)perylene	27.51	276	12592	0.442	ng	98

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

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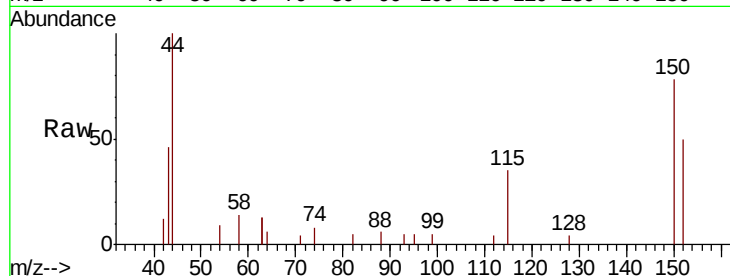


#1

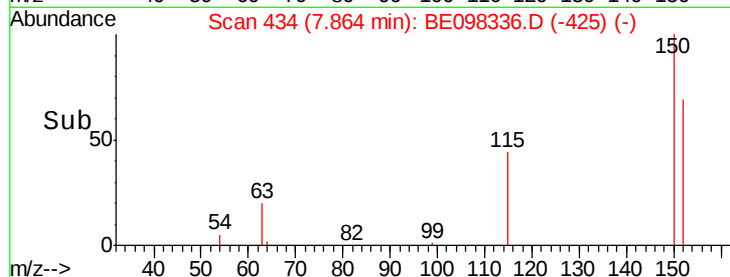
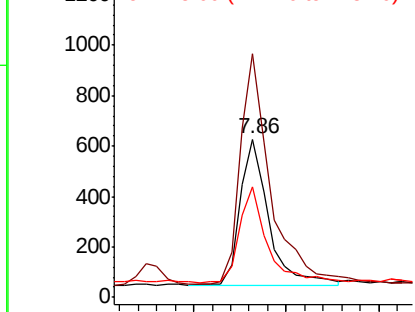
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1234
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.4
115 69.5 53.9 80.9



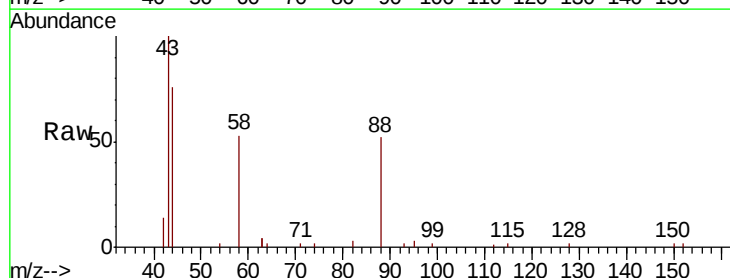
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



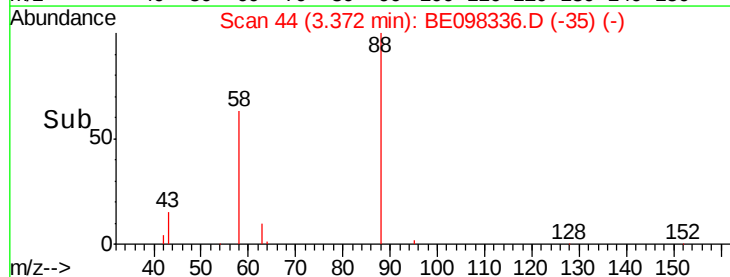
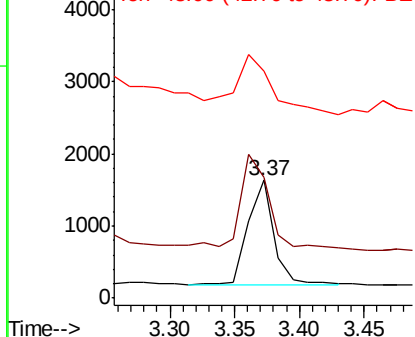
#2

1,4-Dioxane
Concen: 0.960 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion: 88 Resp: 2048
Ion Ratio Lower Upper
88 100
58 92.2 75.0 112.6
43 84.6 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



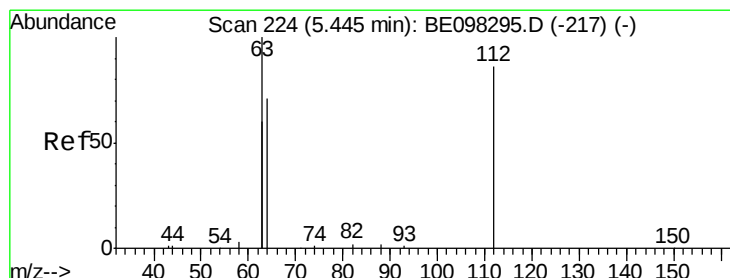
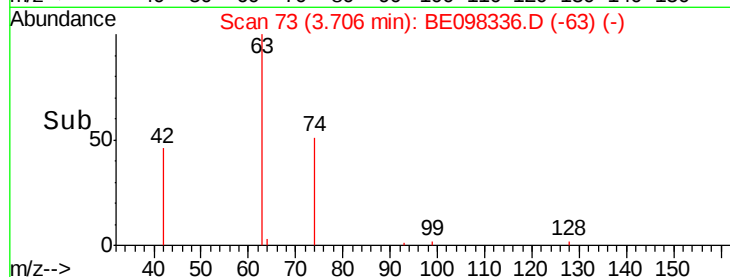
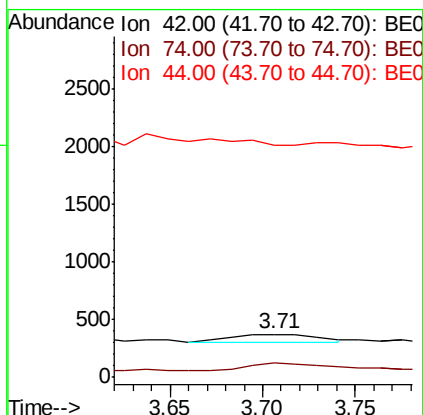
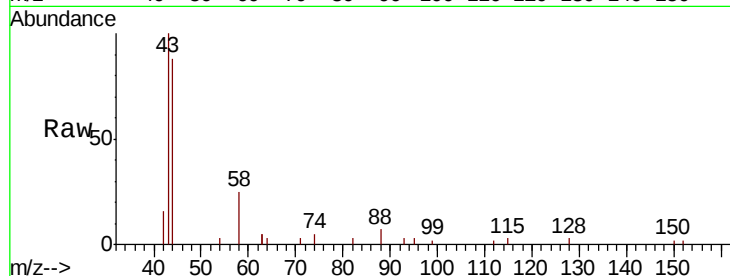


#3

n-Nitrosodimethylamine
 Concen: 0.118 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098336.D
 Acq: 11 Dec 2018 17:04

Instrument :
 BNA_E
 ClientSampleId :

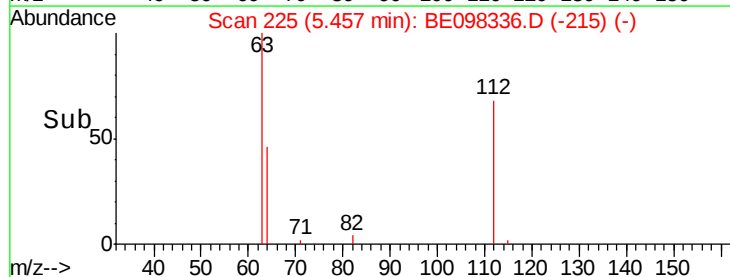
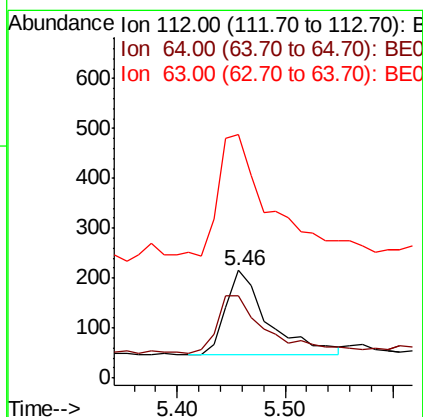
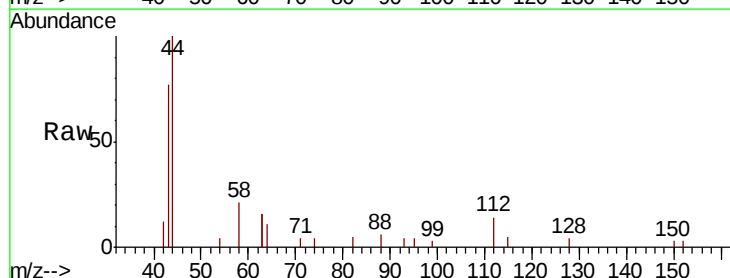
Tot Ion: 42 Resp: 226
 Ion Ratio Lower Upper
 42 100
 74 93.4 0.0 0.0#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098336.D
 Acq: 11 Dec 2018 17:04

Tgt Ion: 112 Resp: 453
 Ion Ratio Lower Upper
 112 100
 64 81.2 59.8 89.8
 63 172.6 133.7 200.5





#5

Phenol-d6

Concen: 0.114 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampled :

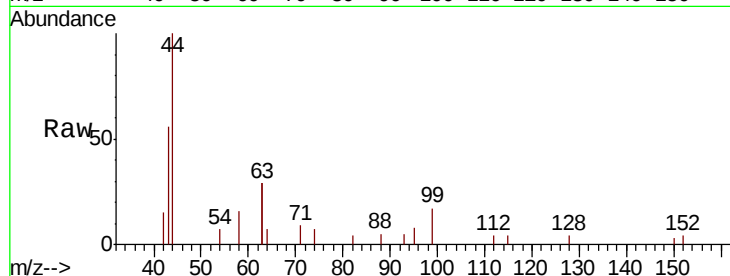
Tot Ion: 99 Resp: 465

Ion Ratio Lower Upper

99 100

42 54.4 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

7.05

250

200

150

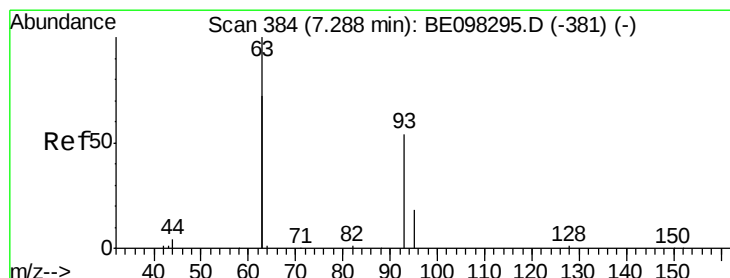
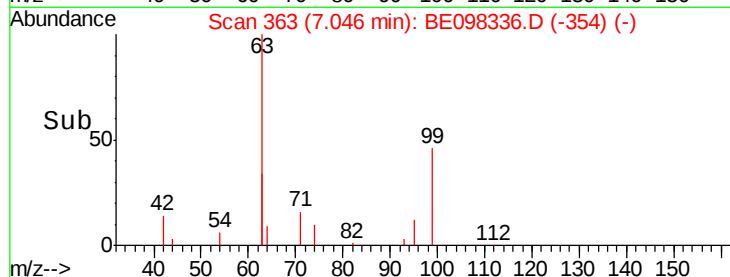
100

50

0

7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.324 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

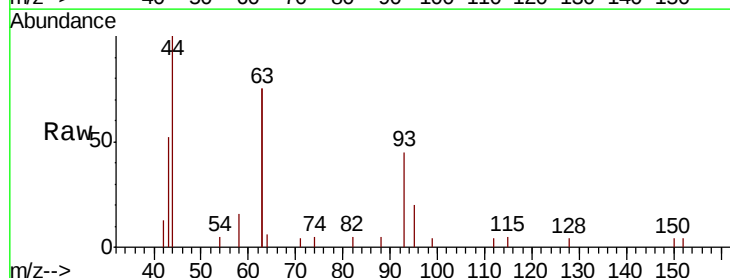
Tgt Ion: 93 Resp: 1258

Ion Ratio Lower Upper

93 100

63 363.3 264.4 396.6

95 38.5 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

2500

2000

1500

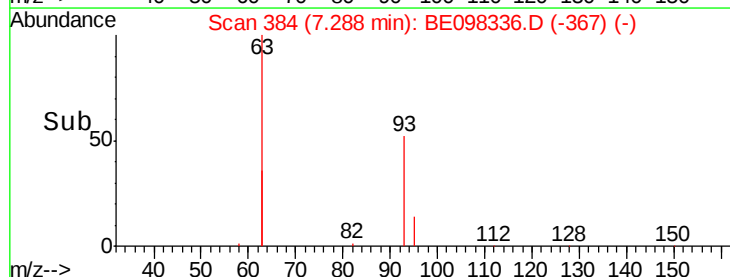
1000

500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5199

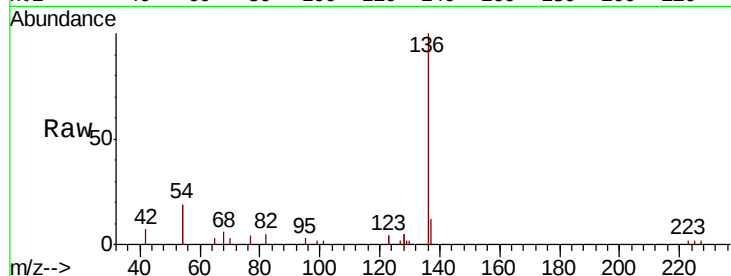
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 37.6 28.4 42.6

68 6.3 5.4 8.0

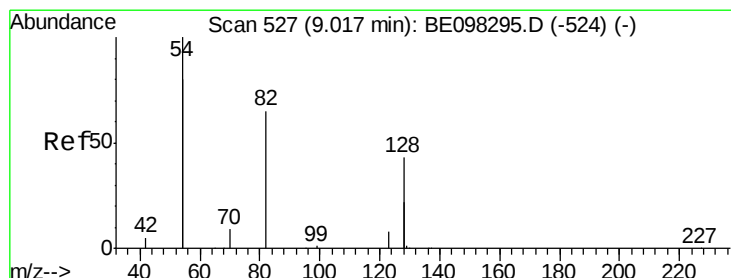
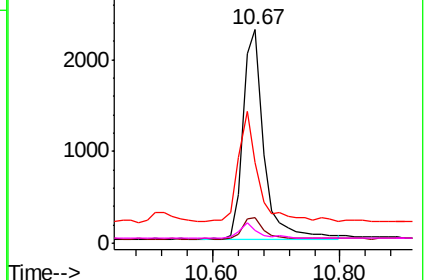
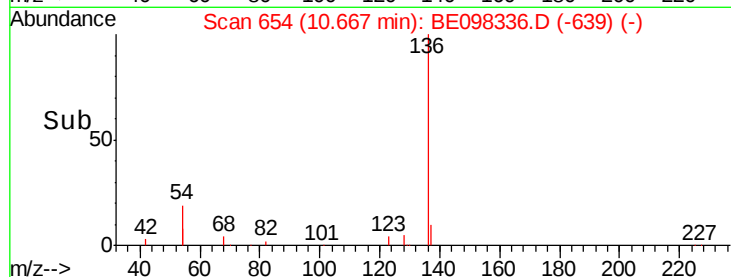


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

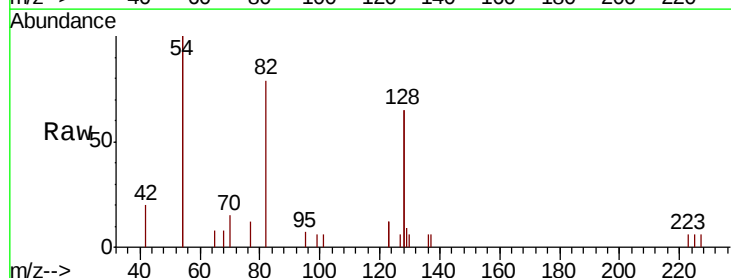
Tgt Ion: 82 Resp: 1992

Ion Ratio Lower Upper

82 100

128 164.5 102.4 153.6#

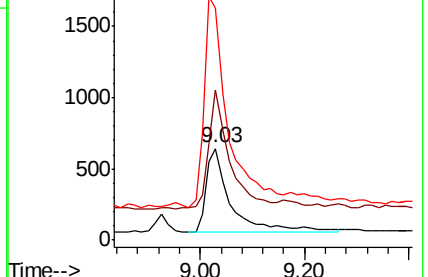
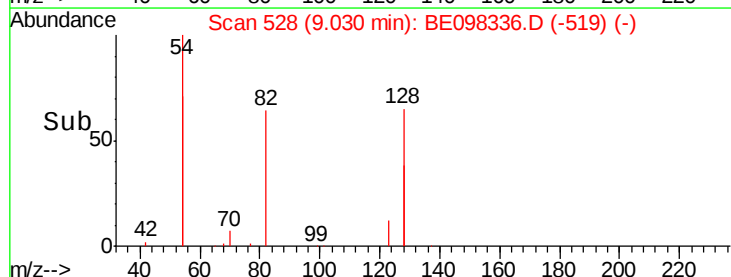
54 253.2 221.8 332.8

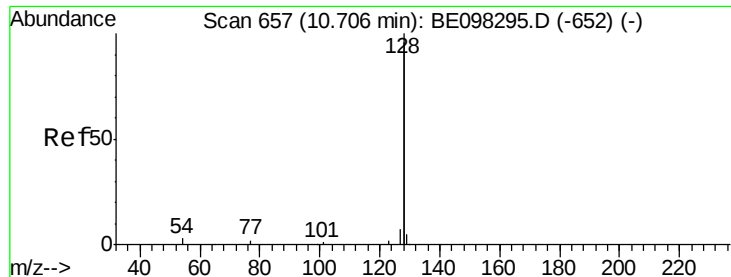


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.426 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :

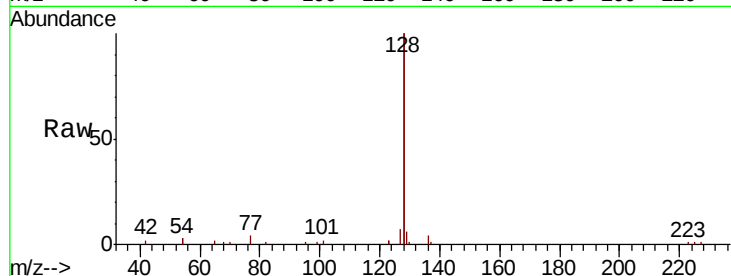
Tot Ion:128 Resp: 22270

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

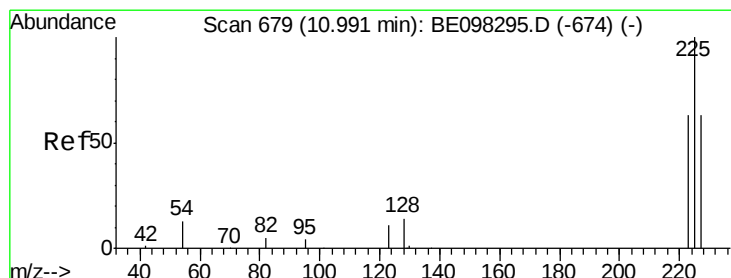
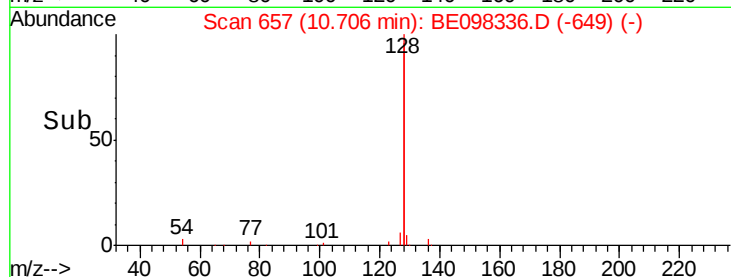
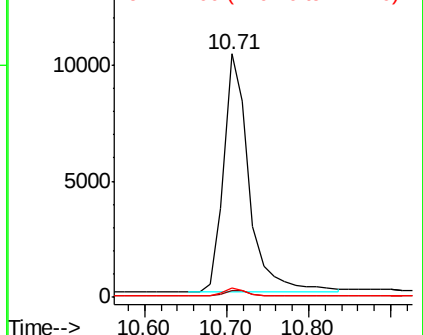
127 3.6 2.7 4.1



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: 0.361 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

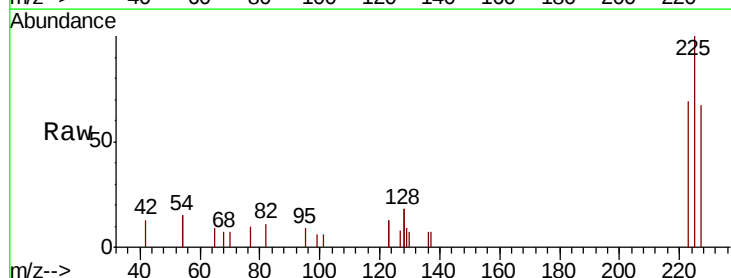
Tgt Ion:225 Resp: 1204

Ion Ratio Lower Upper

225 100

223 65.4 49.4 74.0

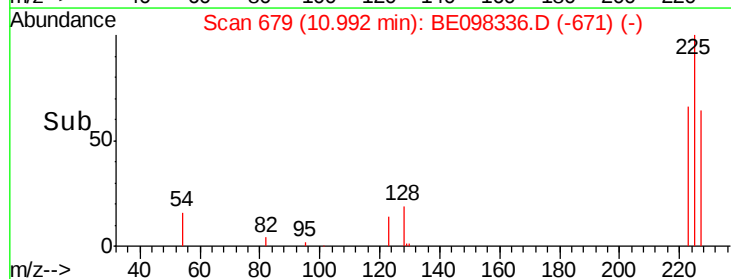
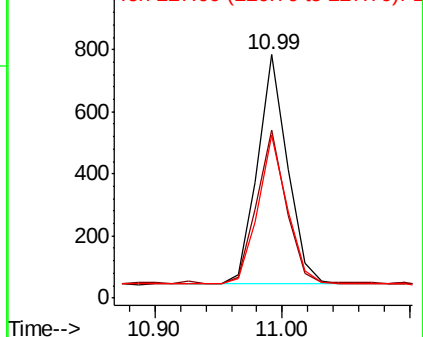
227 63.7 52.0 78.0



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: 0.566 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

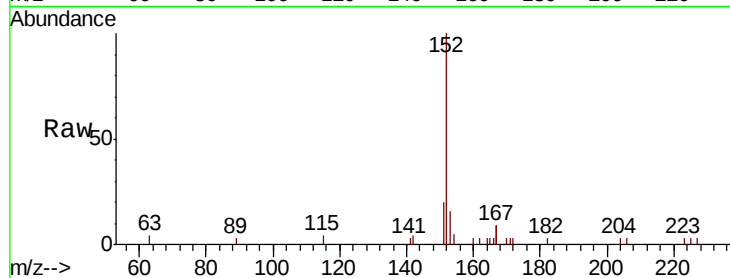
ClientSampleId :

Tot Ion:152 Resp: 4786

Ion Ratio Lower Upper

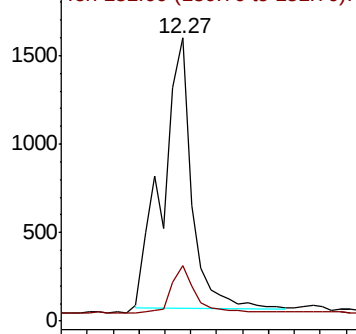
152 100

151 13.9 16.2 24.4#

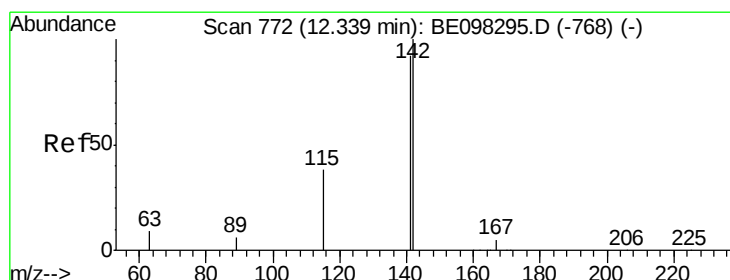
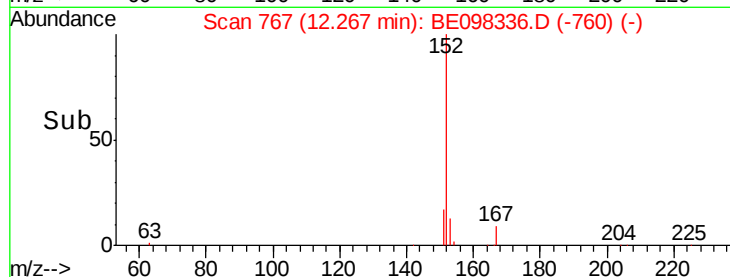


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.445 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

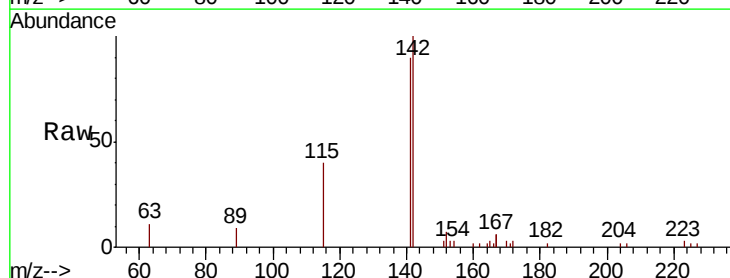
Tgt Ion:142 Resp: 3785

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.6

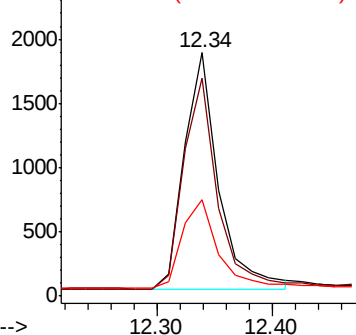
115 39.6 32.2 48.2



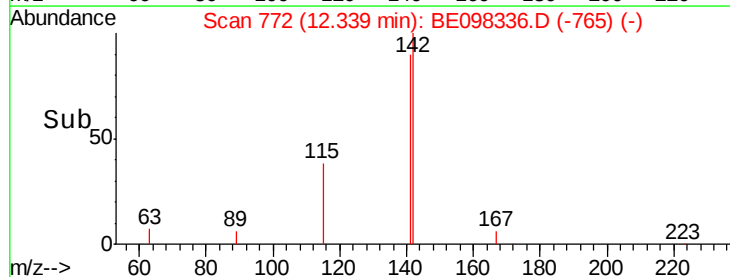
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

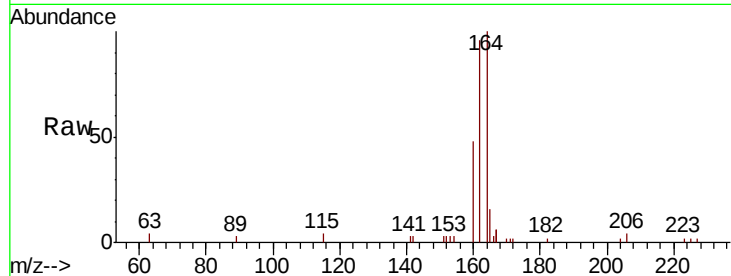




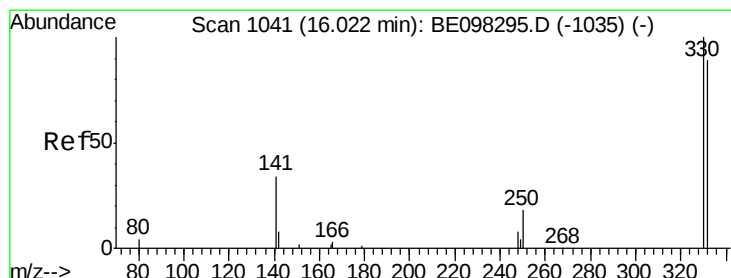
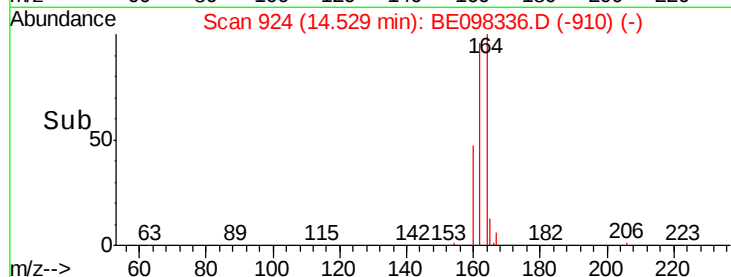
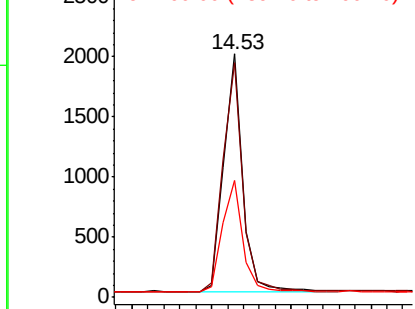
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3272
Ion Ratio Lower Upper
164 100
162 96.2 77.6 116.4
160 48.0 36.0 54.0

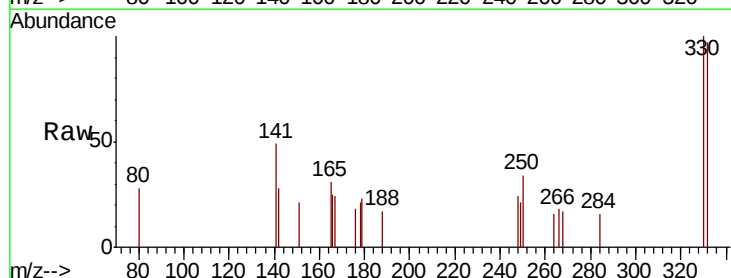


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

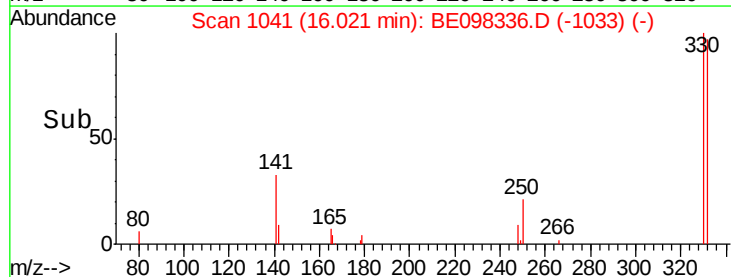
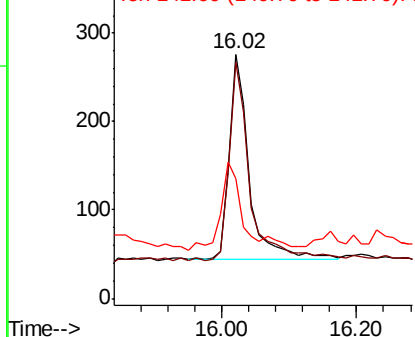


#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion:330 Resp: 483
Ion Ratio Lower Upper
330 100
332 100.8 76.2 114.4
141 42.0 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

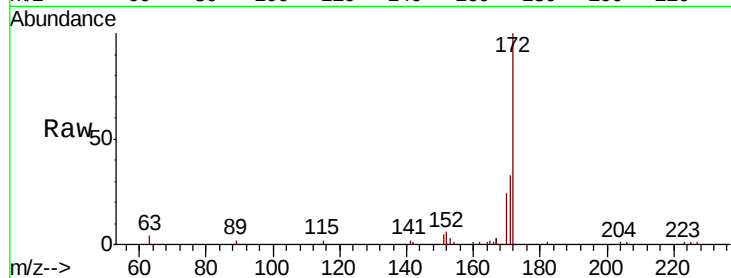




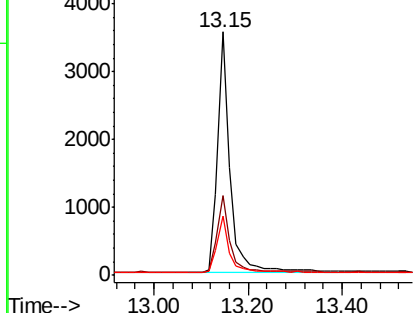
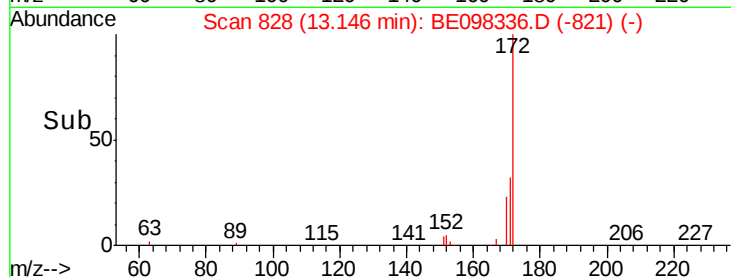
#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6511
Ion Ratio Lower Upper
172 100
171 32.7 27.5 41.3
170 24.4 19.6 29.4

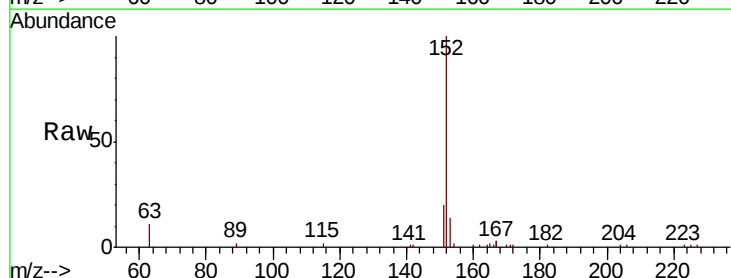


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

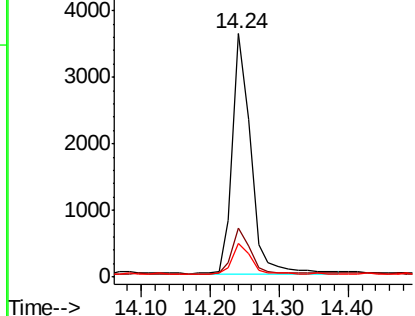
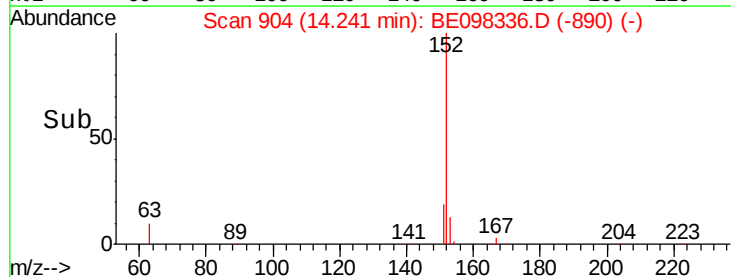


#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion:152 Resp: 6685
Ion Ratio Lower Upper
152 100
151 19.0 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

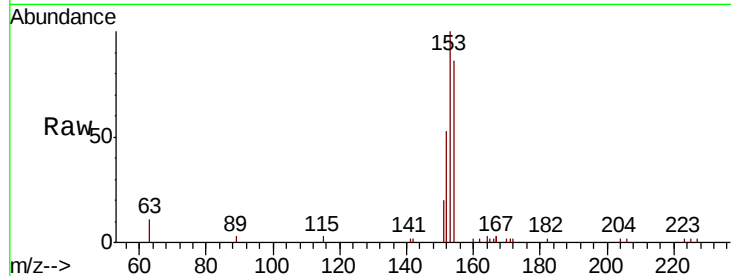




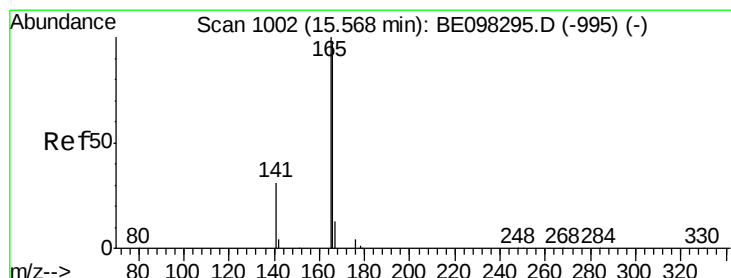
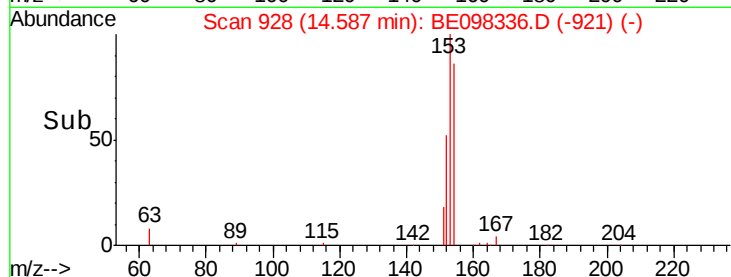
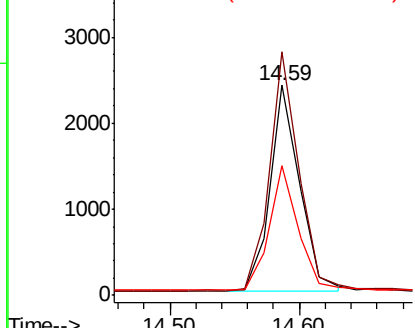
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3763
Ion Ratio Lower Upper
154 100
153 115.8 91.8 137.6
152 59.8 45.5 68.3

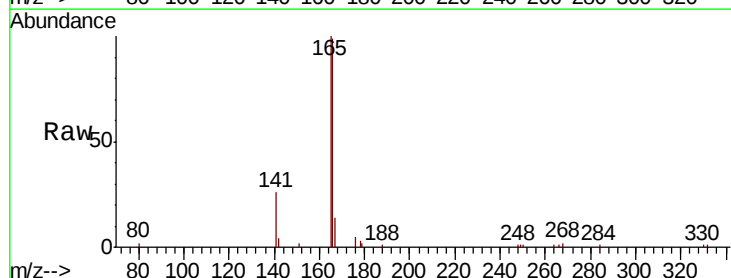


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

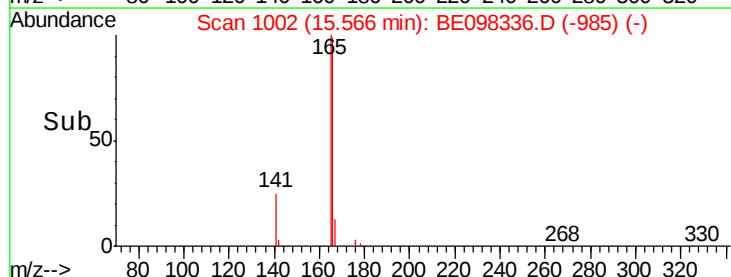
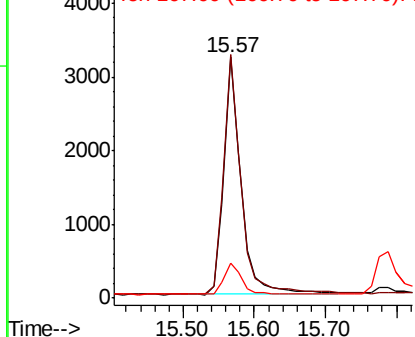


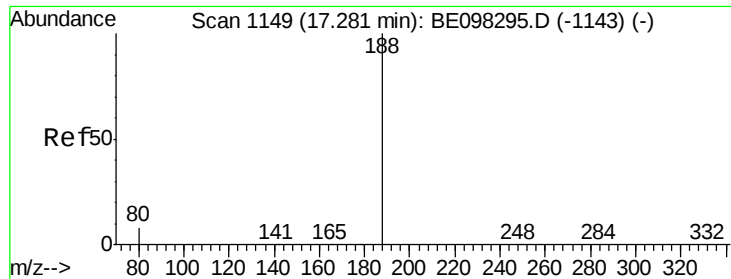
#18
Fluorene
Concen: 0.447 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion:166 Resp: 5512
Ion Ratio Lower Upper
166 100
165 101.2 79.3 118.9
167 13.6 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: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :

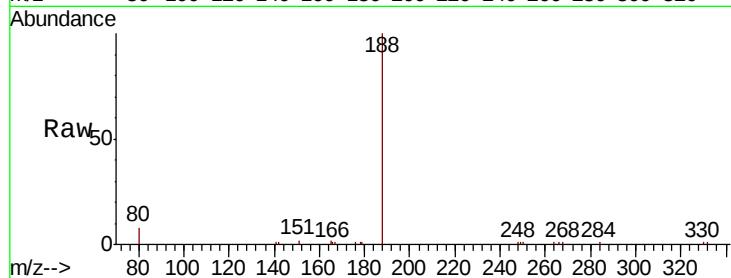
Tot Ion:188 Resp: 9071

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

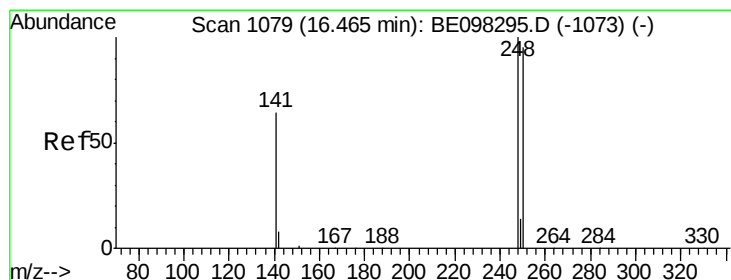
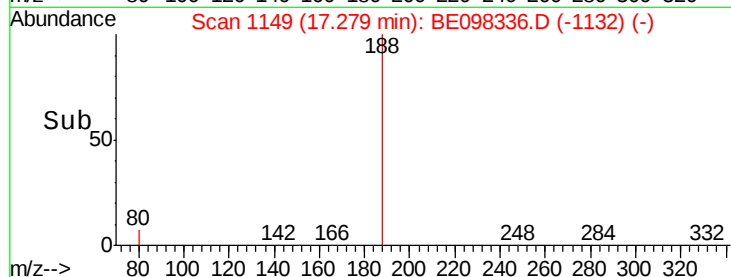
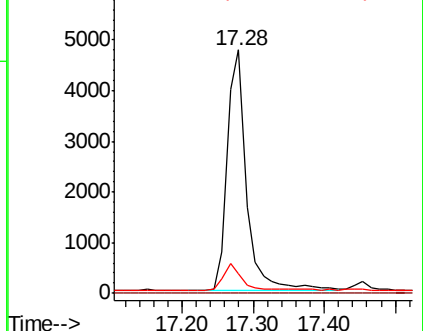
80 8.1 7.2 10.8



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: 0.394 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

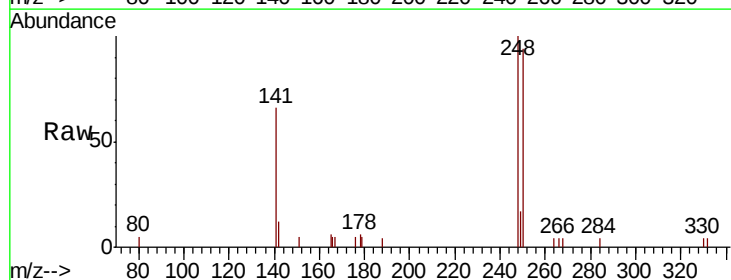
Tgt Ion:248 Resp: 1922

Ion Ratio Lower Upper

248 100

250 93.7 71.0 106.6

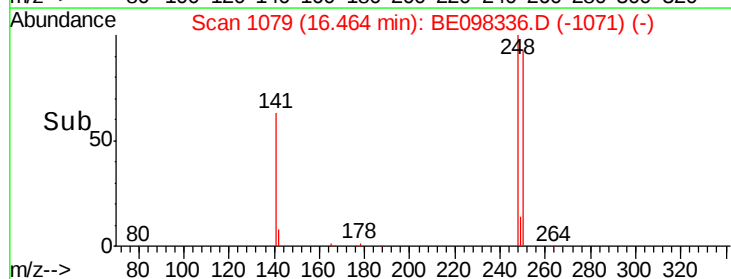
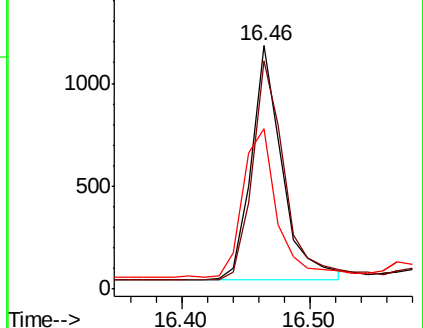
141 65.8 62.1 93.1



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

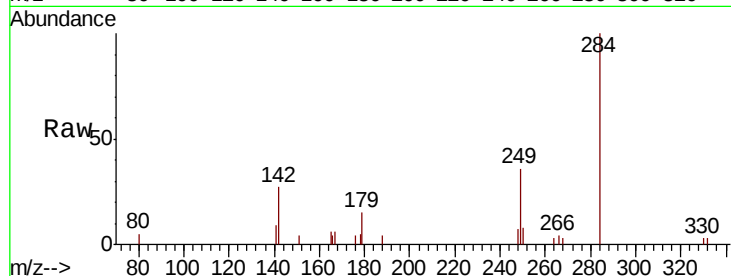




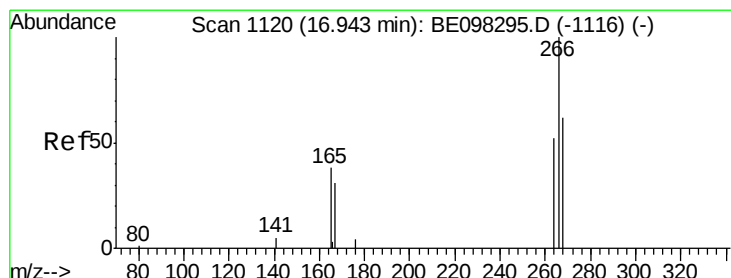
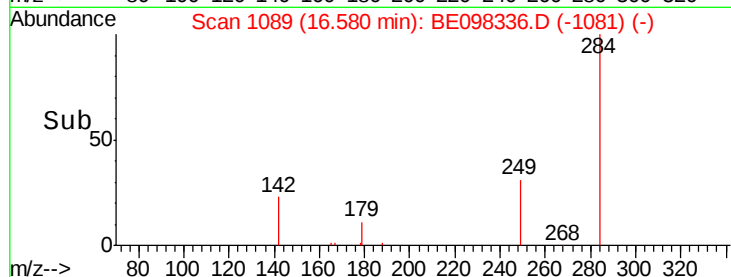
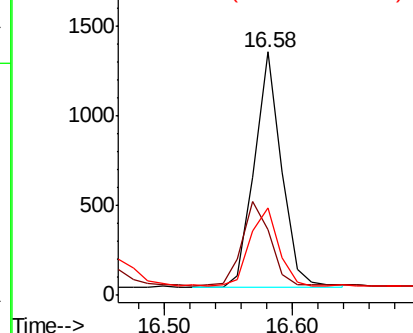
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.1	26.3	39.5
249	34.7	26.0	39.0

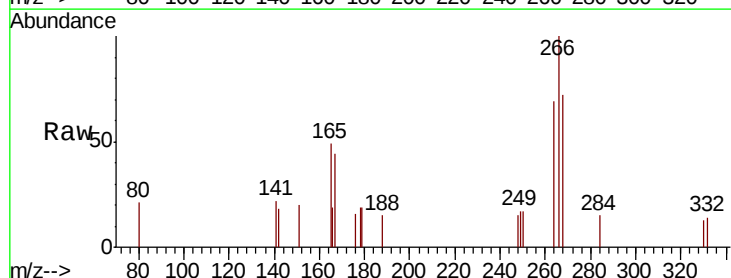


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

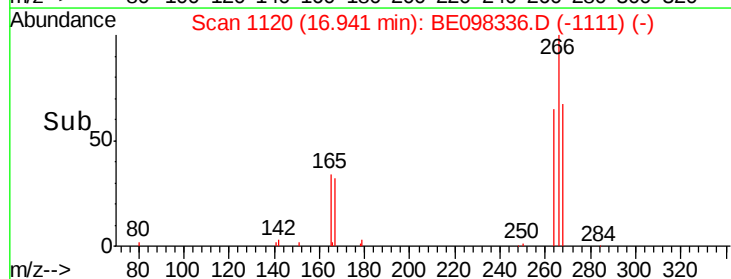
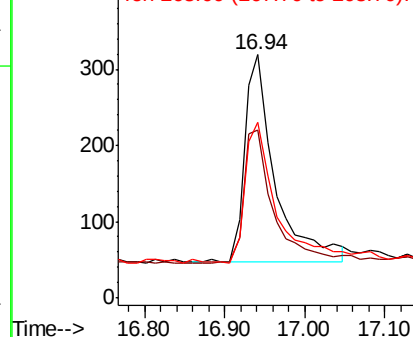


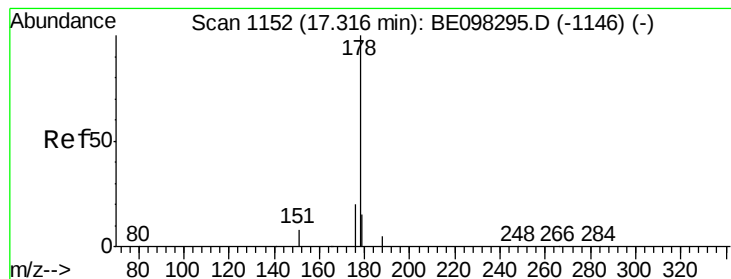
#22
Pentachlorophenol
Concen: 0.755 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	69.0	59.0	88.4
268	72.1	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: 0.435 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :

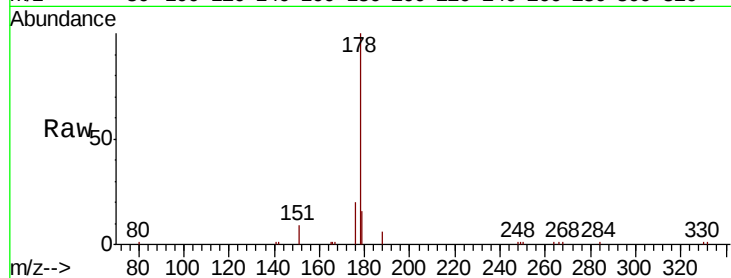
Tot Ion:178 Resp: 9589

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 15.4 12.3 18.5

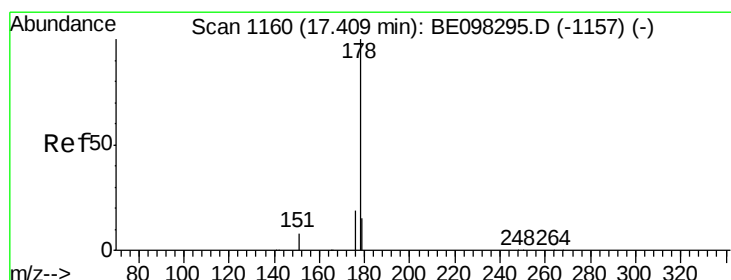
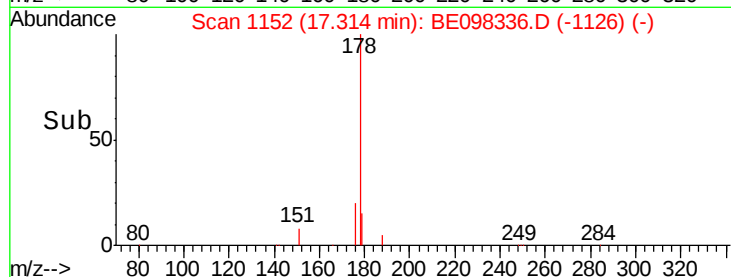
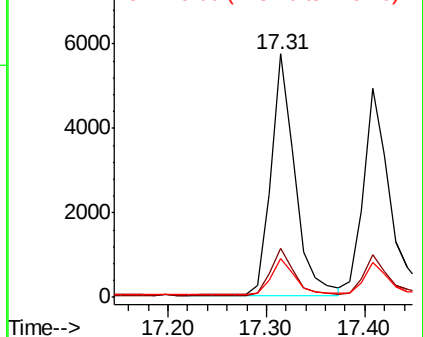


Abundance

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



#24

Anthracene

Concen: 0.433 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

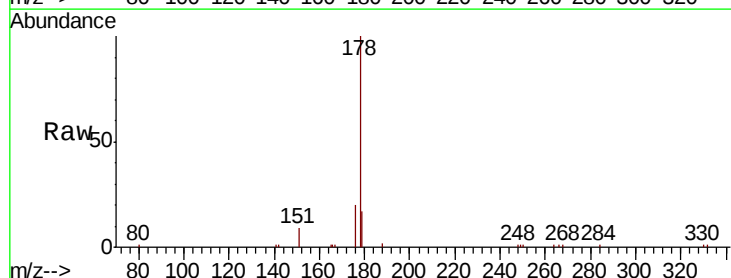
Tgt Ion:178 Resp: 8501

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 14.7 12.3 18.5

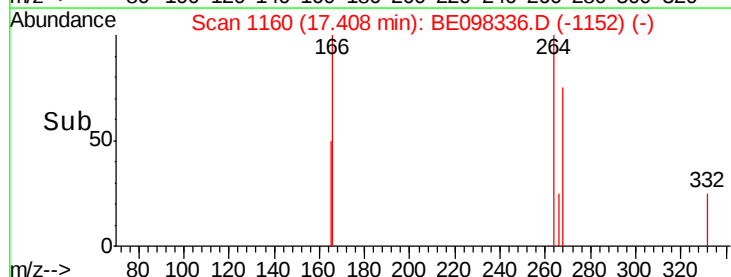
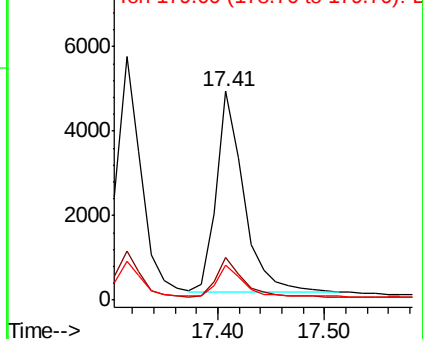


Abundance

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





#25

Fluoranthene-d10

Concen: 0.448 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :

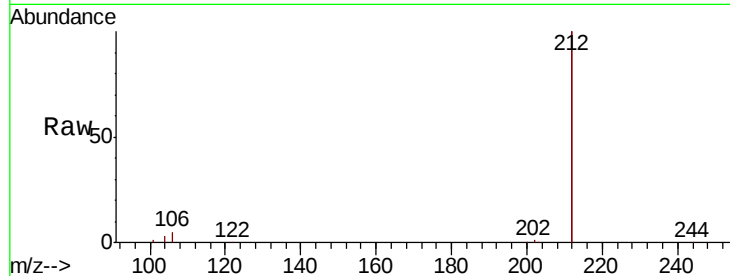
Tot Ion:212 Resp: 52189

Ion Ratio Lower Upper

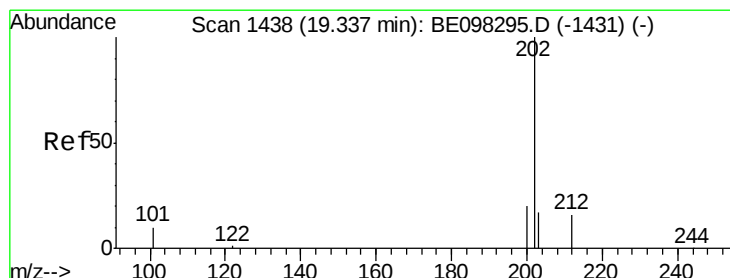
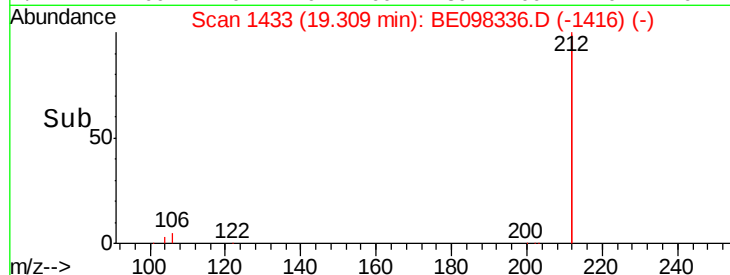
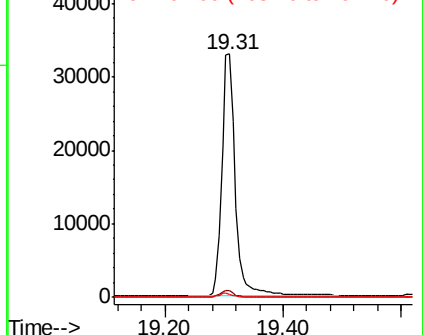
212 100

106 2.6 2.2 3.2

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: 0.462 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

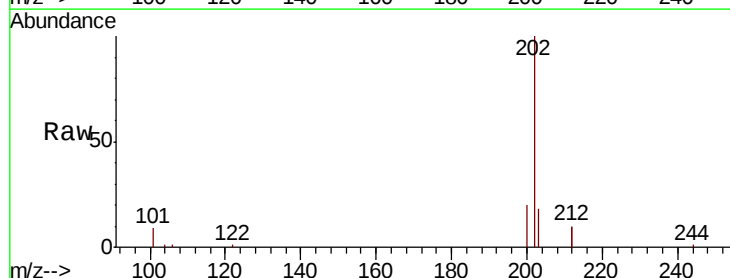
Tgt Ion:202 Resp: 13469

Ion Ratio Lower Upper

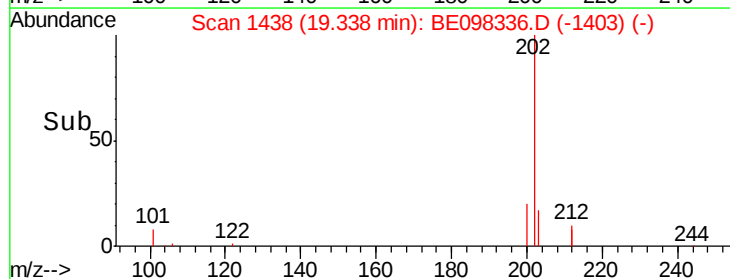
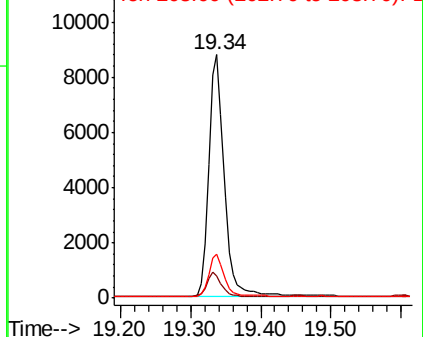
202 100

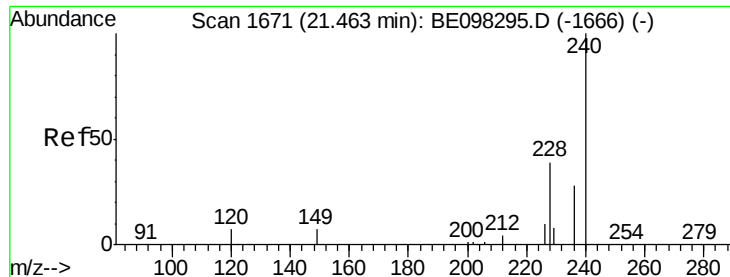
101 9.5 8.0 12.0

203 16.9 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

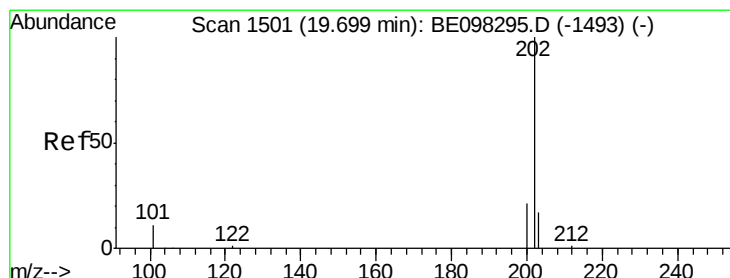
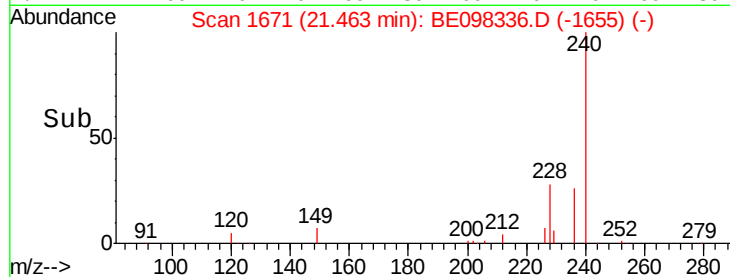
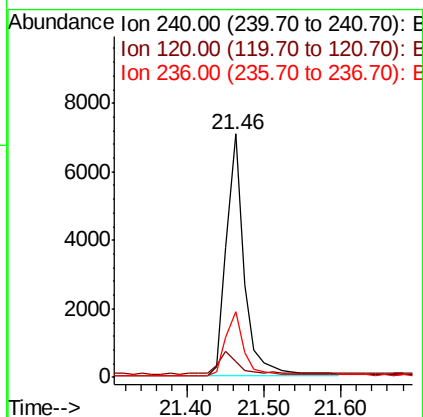
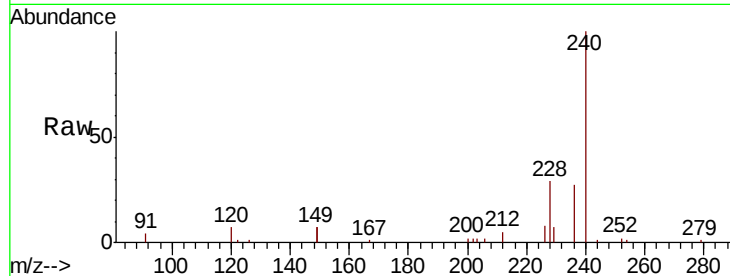




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

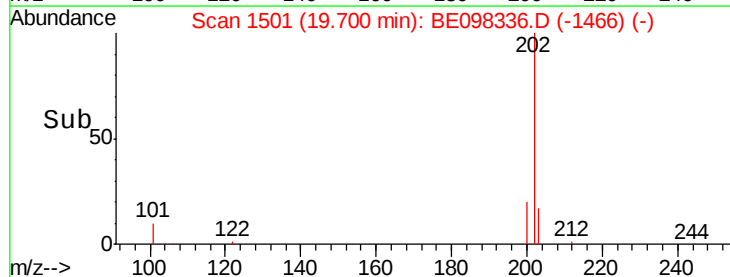
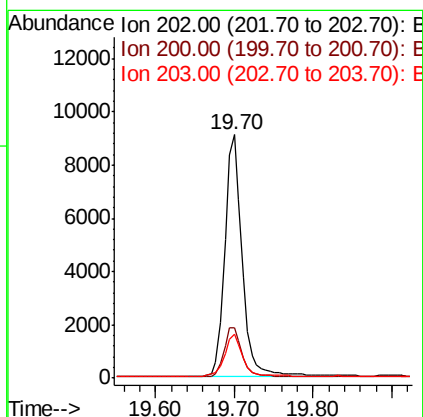
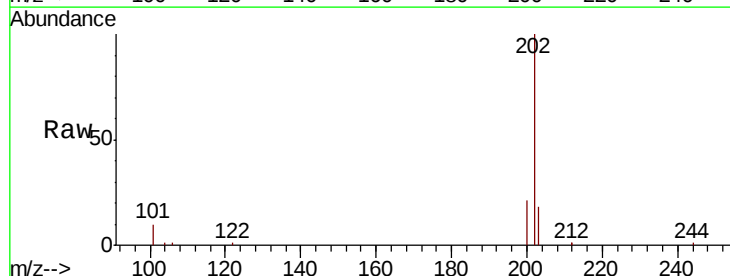
Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 11340
Ion Ratio Lower Upper
240 100
120 6.6 9.5 14.3#
236 26.7 22.7 34.1



#28
Pyrene
Concen: 0.390 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion:202 Resp: 13877
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.7 14.1 21.1





#29

Terphenyl-d14

Concen: 0.471 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :

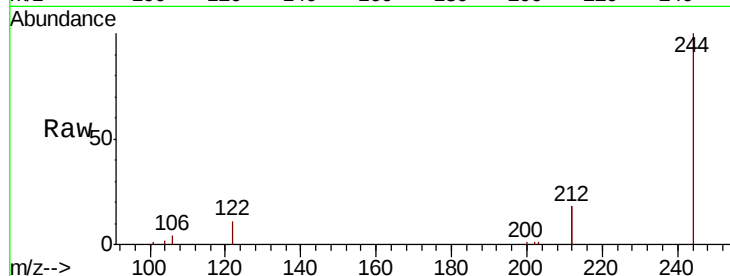
Tot Ion:244 Resp: 12968

Ion Ratio Lower Upper

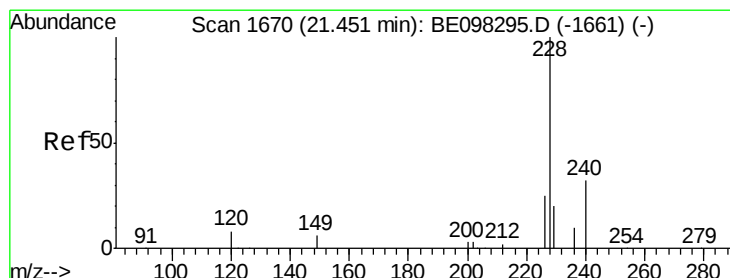
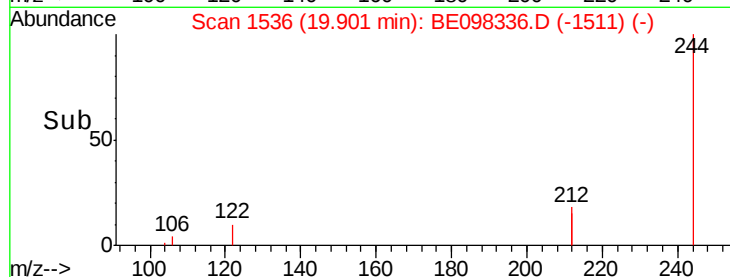
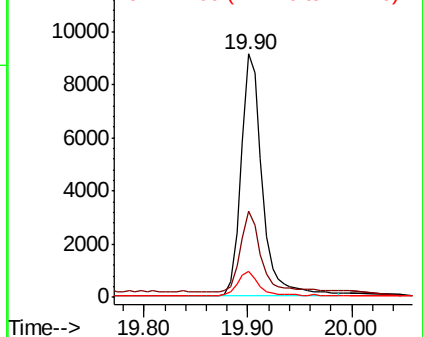
244 100

212 35.4 27.4 41.0

122 10.9 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: 0.445 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

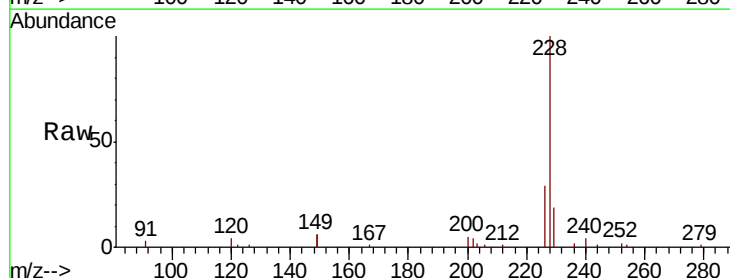
Tgt Ion:228 Resp: 14363

Ion Ratio Lower Upper

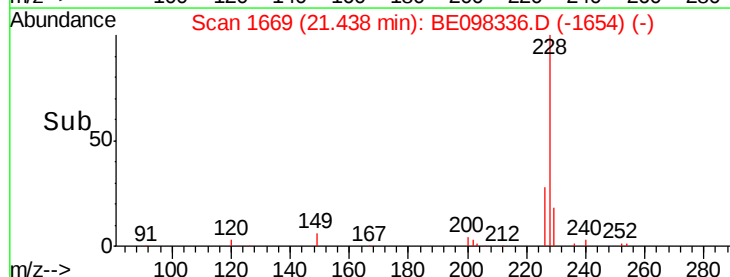
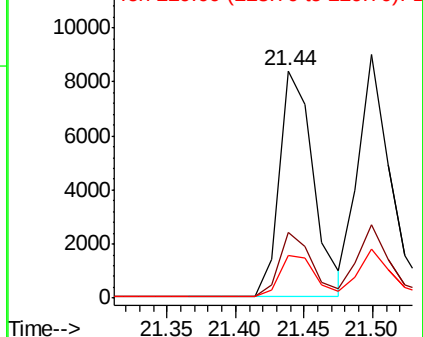
228 100

226 28.8 21.8 32.8

229 18.8 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

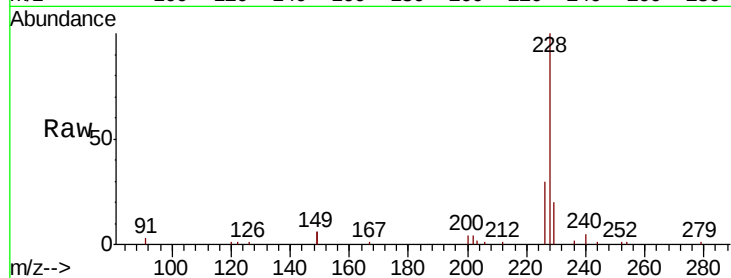




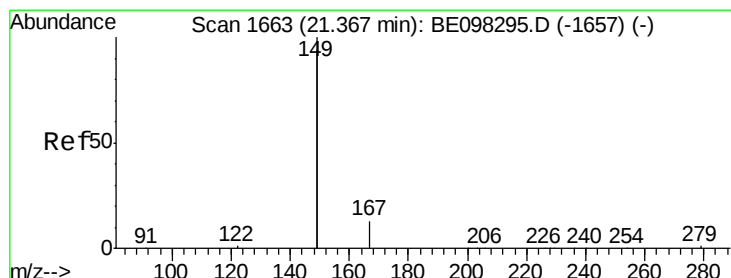
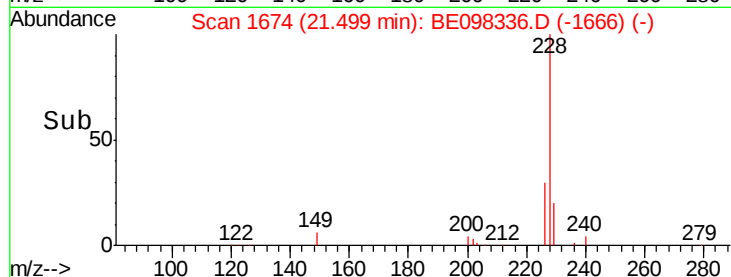
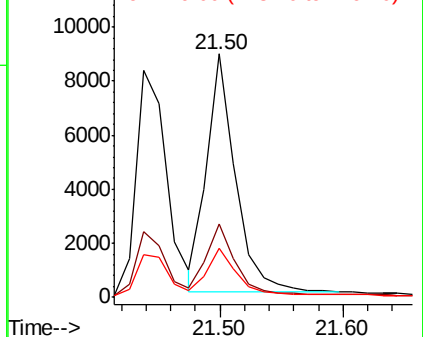
#31
Chrysene
Concen: 0.425 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 14374
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.0
229 20.2 16.2 24.4

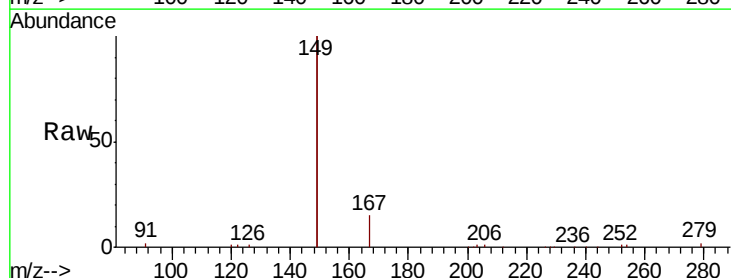


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

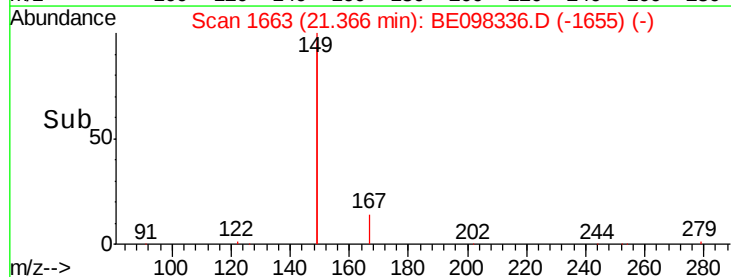
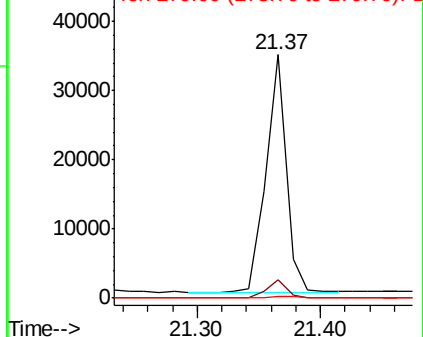


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.606 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion:149 Resp: 39776
Ion Ratio Lower Upper
149 100
167 6.9 5.7 8.5
279 1.1 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

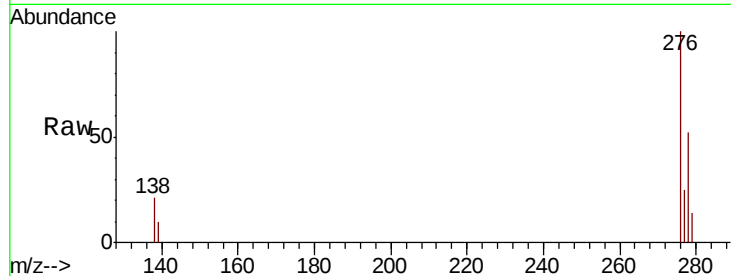




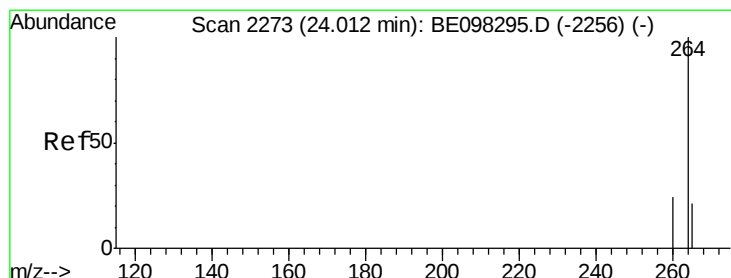
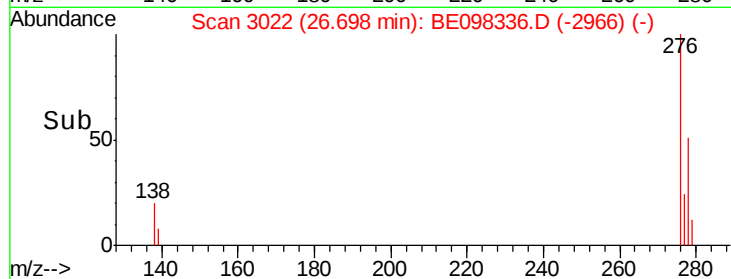
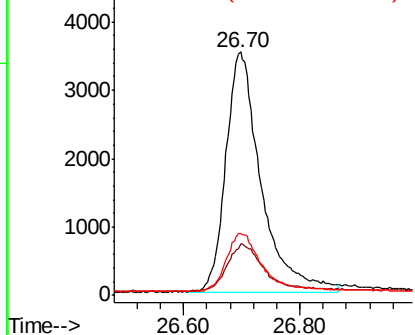
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 14756
Ion Ratio Lower Upper
276 100
138 20.3 16.3 24.5
277 24.2 20.2 30.4

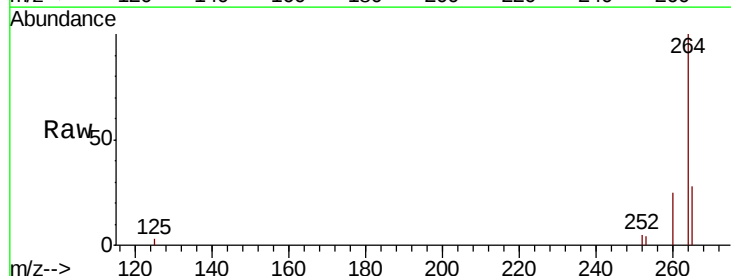


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

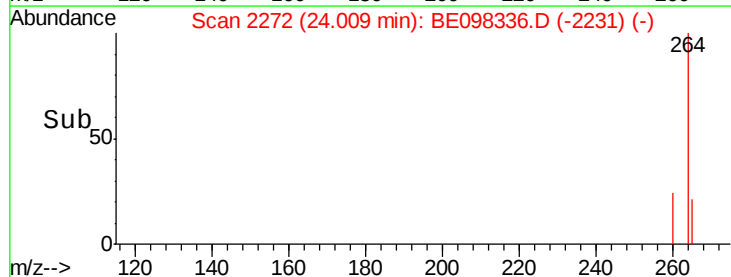
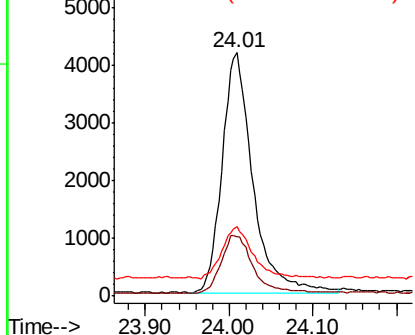


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion:264 Resp: 10629
Ion Ratio Lower Upper
264 100
260 24.5 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: 0.450 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :

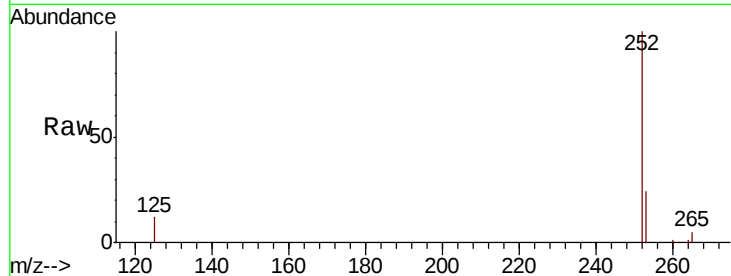
Tot Ion:252 Resp: 13073

Ion Ratio Lower Upper

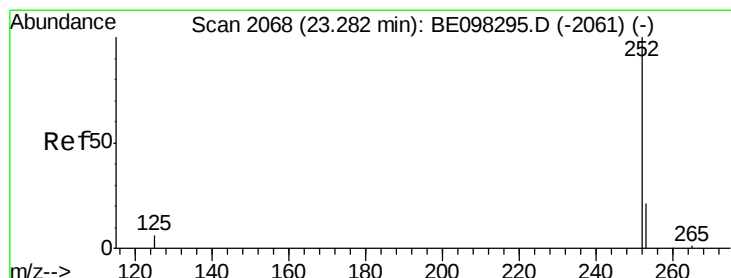
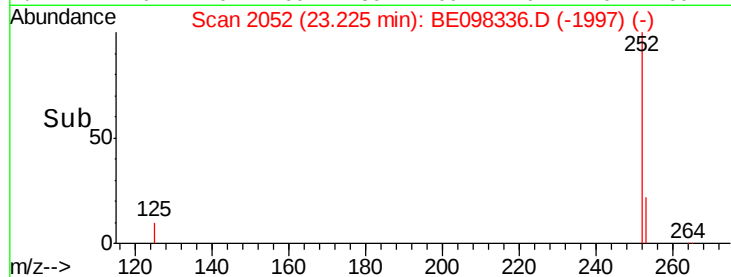
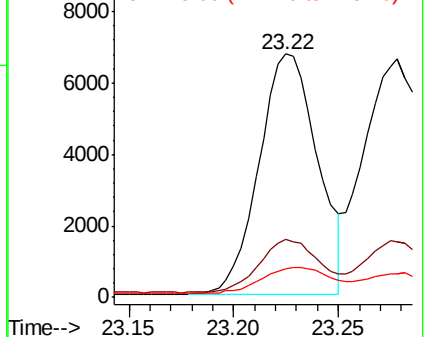
252 100

253 23.9 20.0 30.0

125 11.8 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: 0.453 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

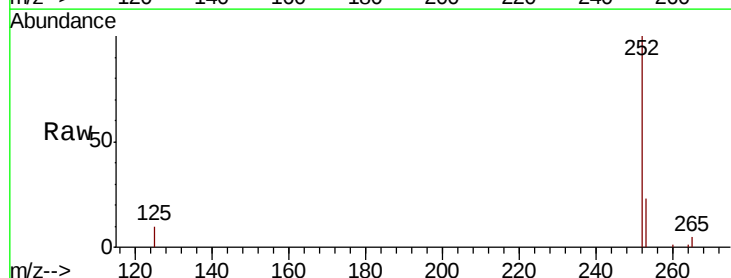
Tgt Ion:252 Resp: 15350

Ion Ratio Lower Upper

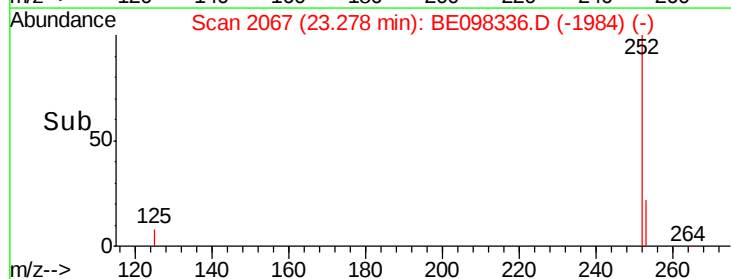
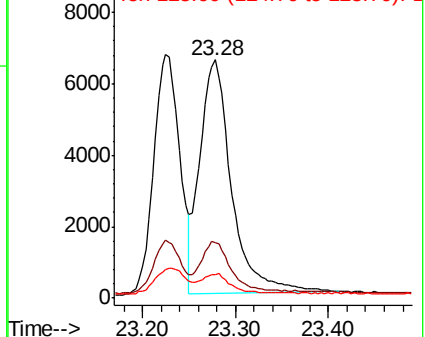
252 100

253 23.4 19.0 28.6

125 10.1 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

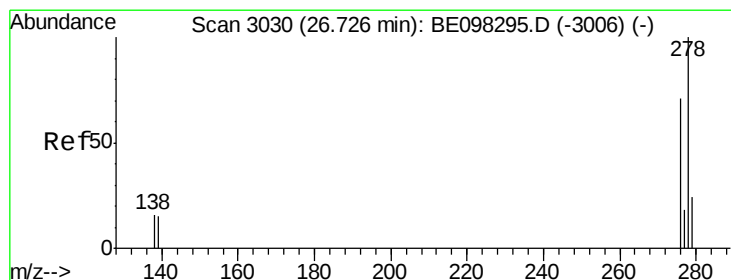
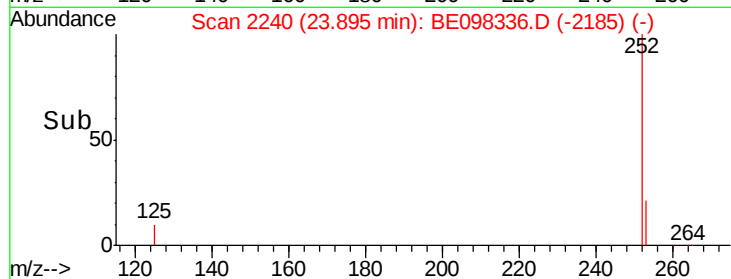
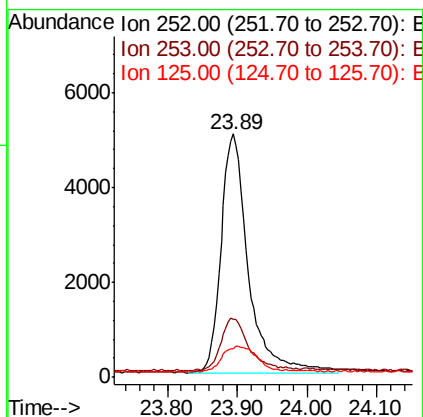
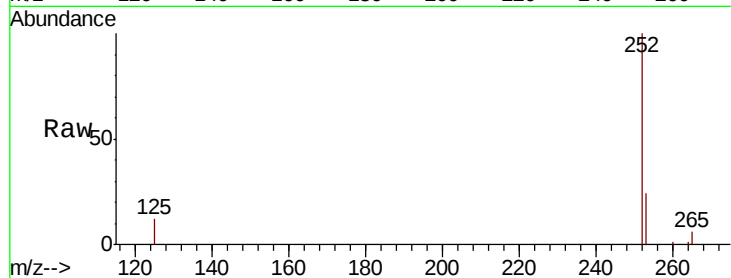




#37
Benzo(a)pyrene
Concen: 0.459 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

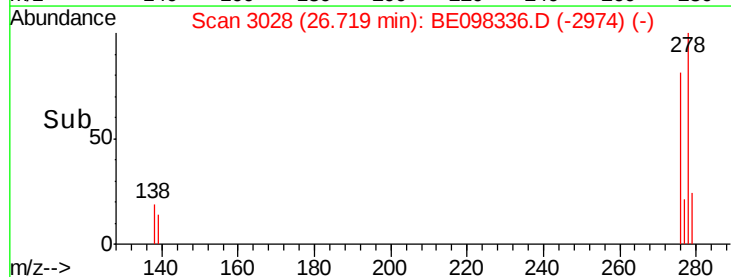
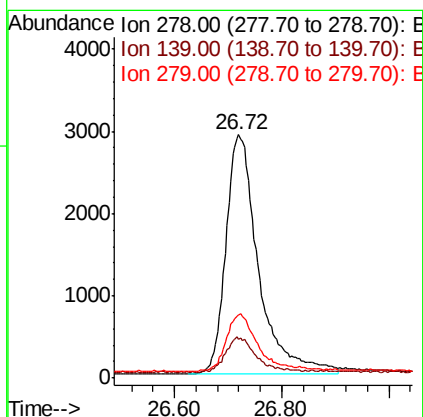
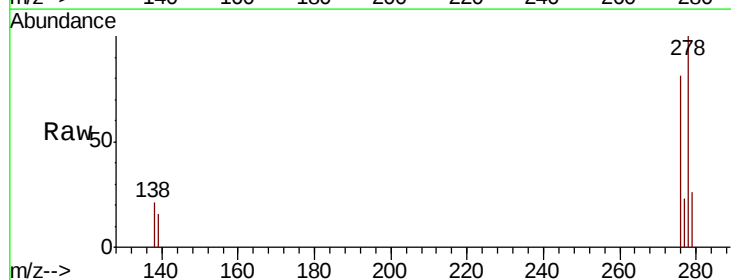
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 13765
Ion Ratio Lower Upper
252 100
253 23.7 20.6 30.8
125 12.0 10.5 15.7



#38
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.01 min
Lab File: BE098336.D
Acq: 11 Dec 2018 17:04

Tgt Ion:278 Resp: 12335
Ion Ratio Lower Upper
278 100
139 15.8 14.5 21.7
279 26.1 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.442 ng

RT: 27.51 min Scan# 3251

Delta R.T. -0.01 min

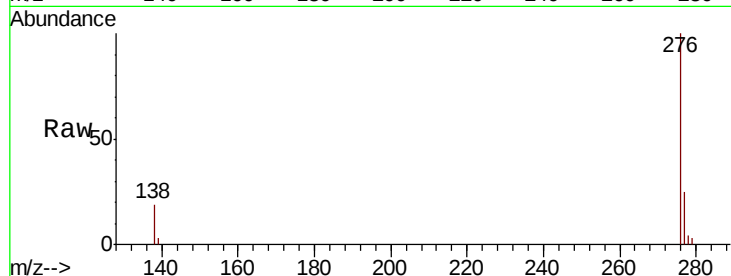
Lab File: BE098336.D

Acq: 11 Dec 2018 17:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 12592

Ion Ratio Lower Upper

276 100

277 24.7 20.8 31.2

138 19.2 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

