

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098332.D
 Acq On : 11 Dec 2018 14:34
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 11 15:16:45 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	7.87	152	1562	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6778	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4202	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	11520	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13726	0.40	ng	0.00
34) Perylene-d12	24.01	264	13497	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1361	0.37	ng	0.00
5) Phenol-d6	7.04	99	1918	0.37	ng	0.00
8) Nitrobenzene-d5	9.03	82	2262	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4263	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	569	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	6674	0.38	ng	0.00
25) Fluoranthene-d10	19.31	212	57728	0.39	ng	0.00
29) Terphenyl-d14	19.91	244	11202	0.34	ng	0.00

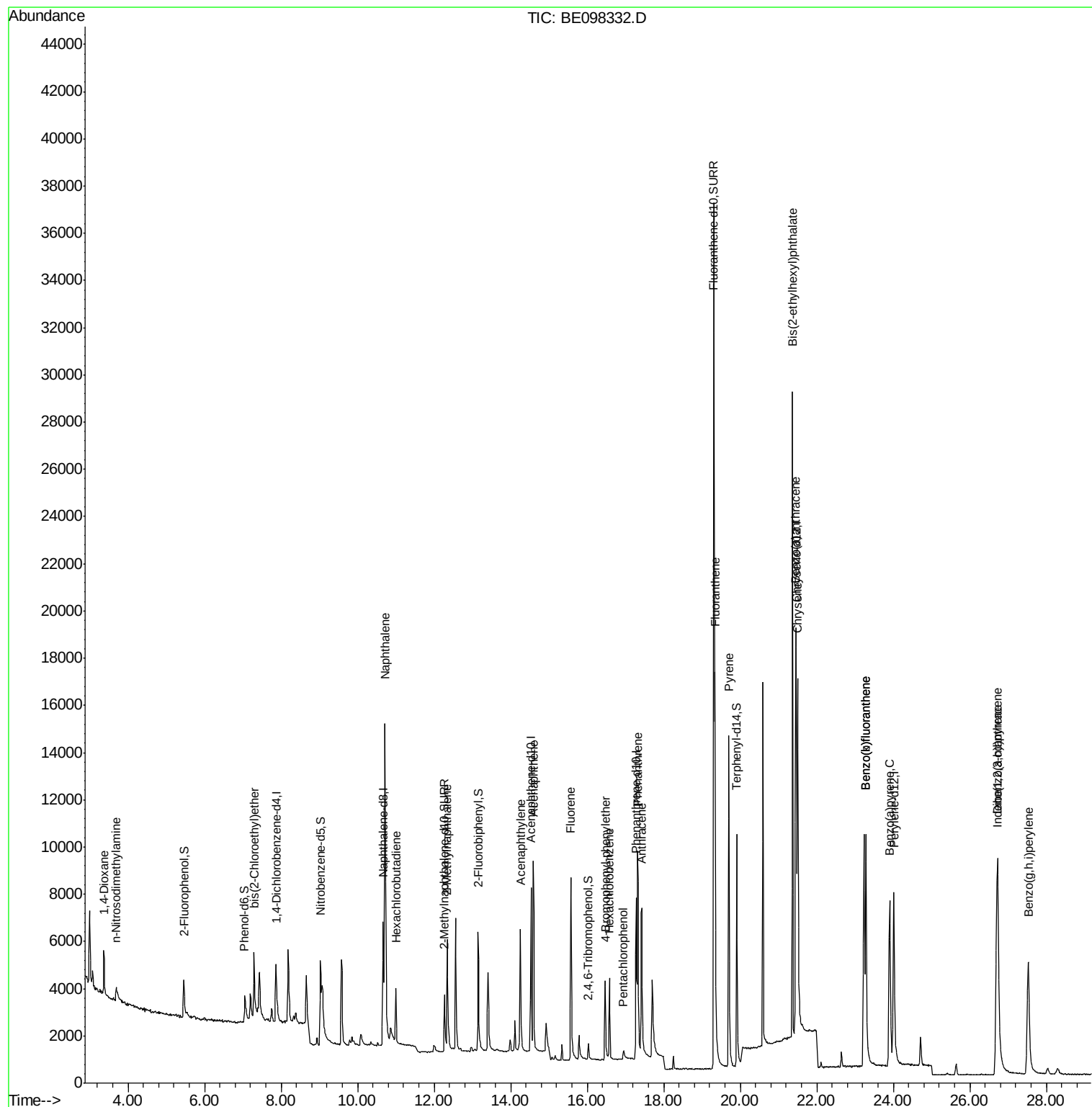
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1147	0.425	ng	96
3) n-Nitrosodimethylamine	3.69	42	719	0.296	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1711	0.348	ng	94
9) Naphthalene	10.72	128	26706	0.392	ng	100
10) Hexachlorobutadiene	11.00	225	1746	0.402	ng	99
12) 2-Methylnaphthalene	12.34	142	4070	0.367	ng	98
16) Acenaphthylene	14.26	152	7659	0.389	ng	99
17) Acenaphthene	14.59	154	4602	0.389	ng	99
18) Fluorene	15.57	166	6105	0.386	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	2347	0.379	ng	# 80
21) Hexachlorobenzene	16.58	284	2587	0.388	ng	97
22) Pentachlorophenol	16.94	266	374	0.355	ng	94
23) Phenanthrene	17.31	178	10949	0.391	ng	100
24) Anthracene	17.42	178	9149	0.367	ng	99
26) Fluoranthene	19.34	202	14705	0.397	ng	99
28) Pyrene	19.70	202	15208	0.353	ng	100
30) Benzo(a)anthracene	21.45	228	14490	0.371	ng	98
31) Chrysene	21.50	228	16553	0.404	ng	97
32) Bis(2-ethylhexyl)phthalate	21.37	149	27170	0.342	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	17024	0.418	ng	98
35) Benzo(b)fluoranthene	23.28	252	17413	0.472	ng	95
36) Benzo(k)fluoranthene	23.28	252	17985	0.418	ng	97
37) Benzo(a)pyrene	23.90	252	15138	0.397	ng	96
38) Dibenzo(a,h)anthracene	26.73	278	14144	0.394	ng	# 94
39) Benzo(g,h,i)perylene	27.53	276	14238	0.394	ng	98

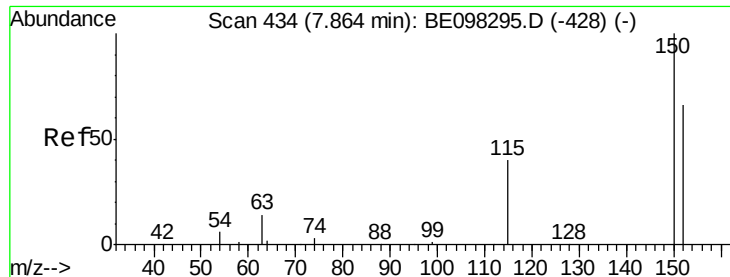
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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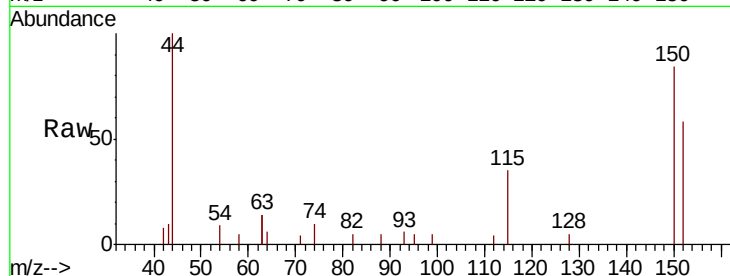


#1

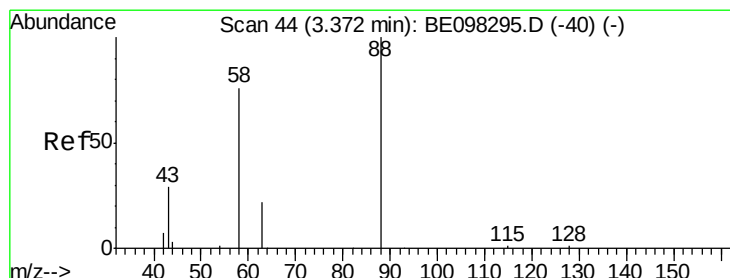
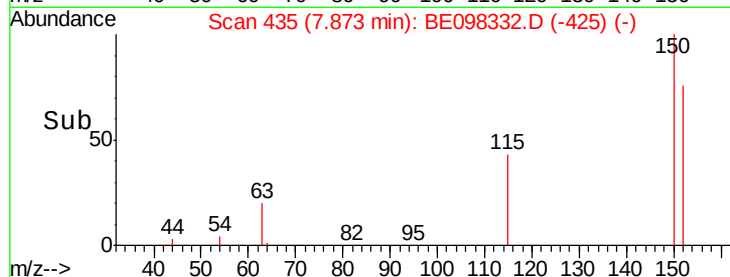
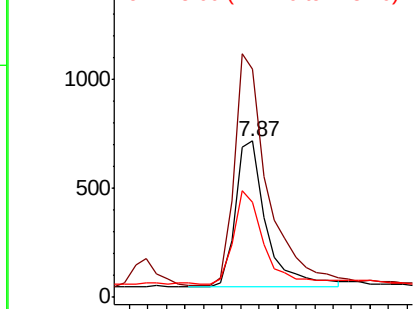
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1562
Ion Ratio Lower Upper
152 100
150 146.0 124.2 186.4
115 61.4 53.9 80.9



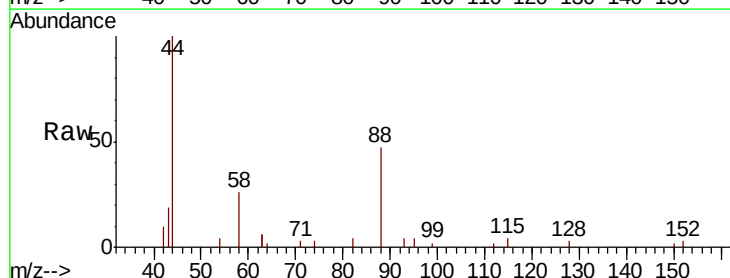
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



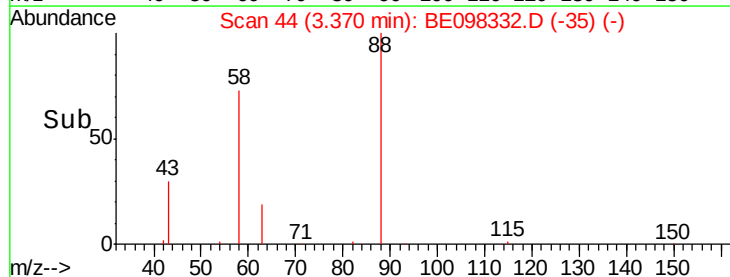
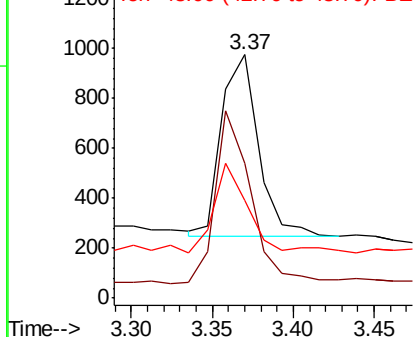
#2

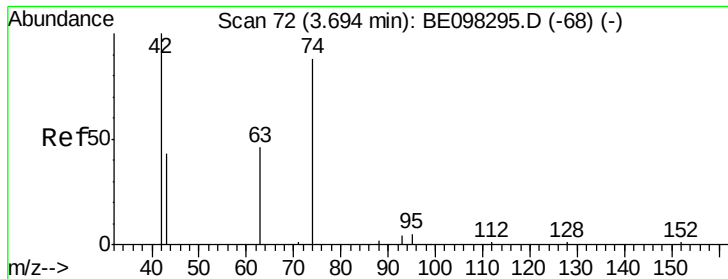
1,4-Dioxane
Concen: 0.425 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

Tgt Ion: 88 Resp: 1147
Ion Ratio Lower Upper
88 100
58 92.2 75.0 112.6
43 42.2 38.3 57.5



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



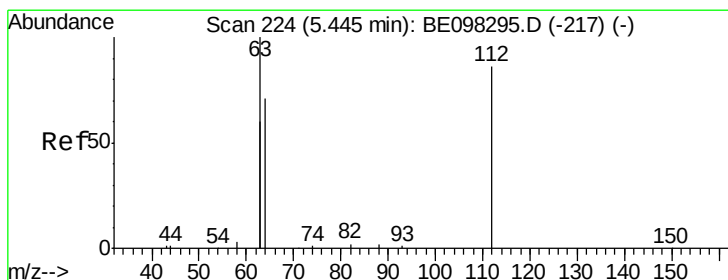
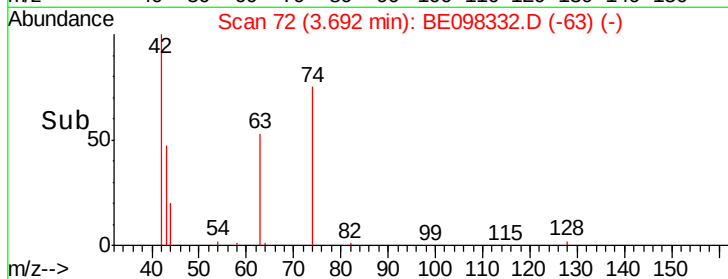
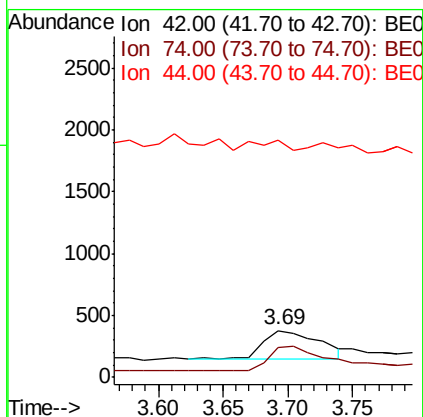
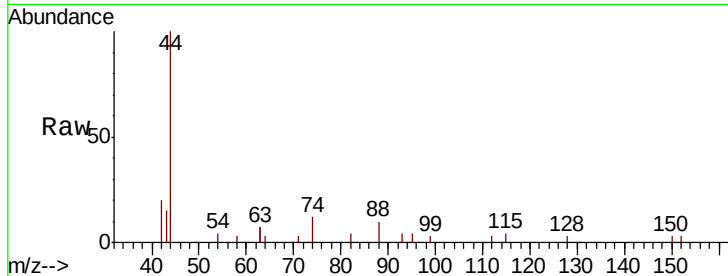


#3

n-Nitrosodimethylamine
 Concen: 0.296 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

Instrument :
 BNA_E
 ClientSampled :

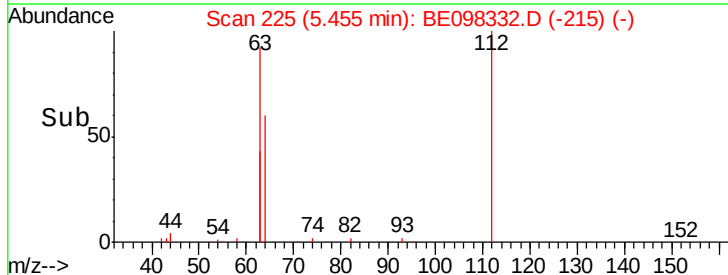
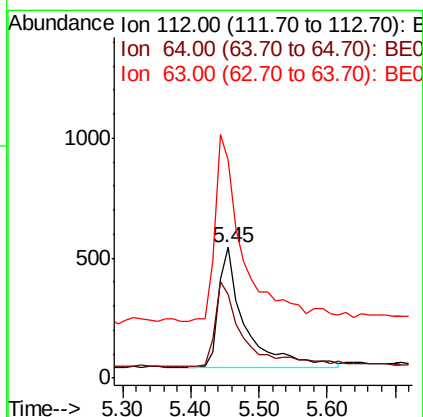
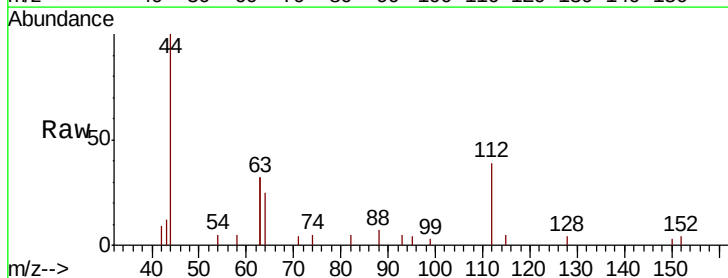
Tot Ion: 42 Resp: 719
 Ion Ratio Lower Upper
 42 100
 74 79.8 0.0 0.0#
 44 21.7 0.0 0.0#

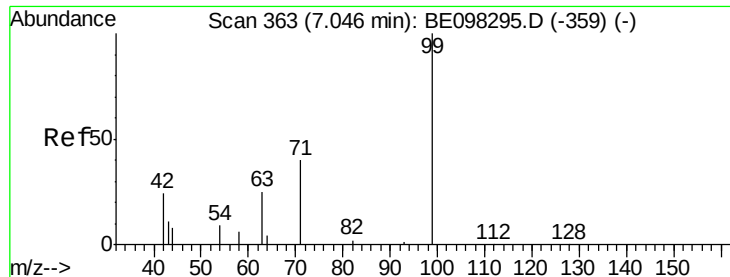


#4

2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

Tgt Ion: 112 Resp: 1361
 Ion Ratio Lower Upper
 112 100
 64 72.7 59.8 89.8
 63 159.8 133.7 200.5





#5

Phenol-d6

Concen: 0.370 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampled :

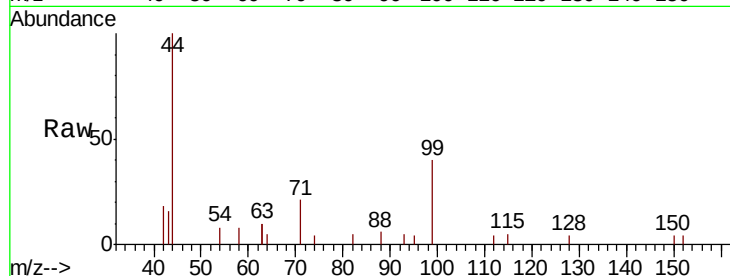
Tot Ion: 99 Resp: 1918

Ion Ratio Lower Upper

99 100

42 23.6 26.3 39.5#

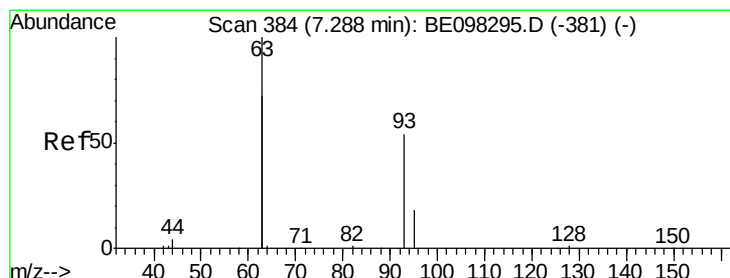
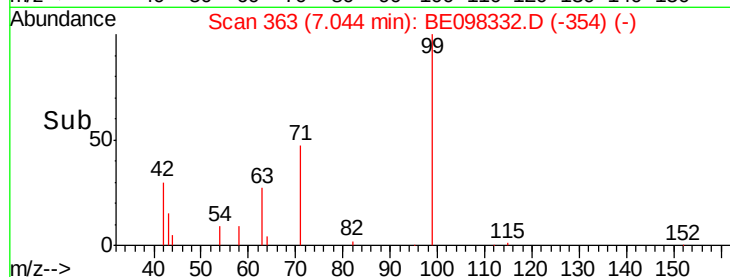
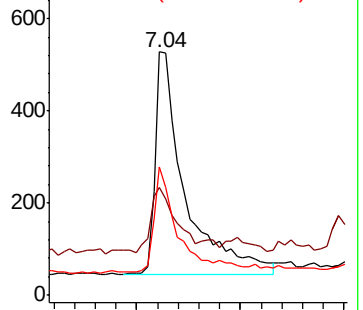
71 39.6 33.6 50.4



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: 0.348 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

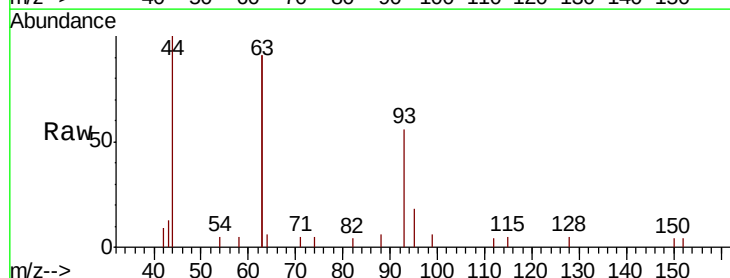
Tgt Ion: 93 Resp: 1711

Ion Ratio Lower Upper

93 100

63 318.2 264.4 396.6

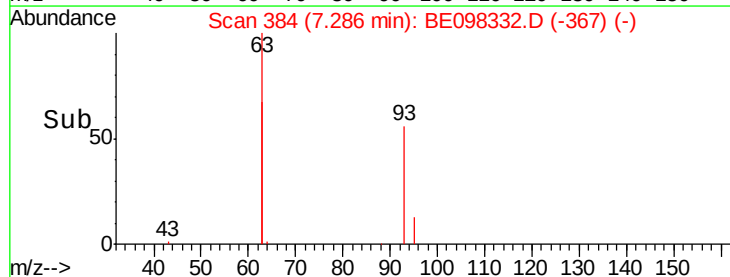
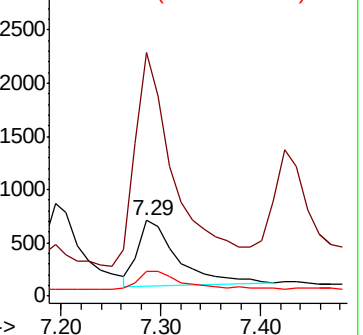
95 34.2 26.6 40.0

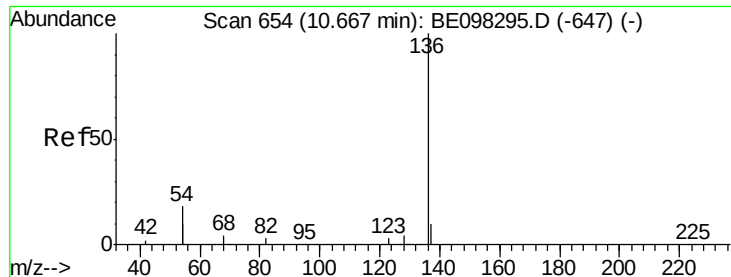


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6778

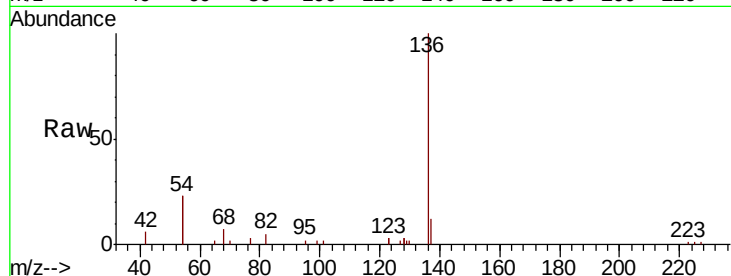
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 46.4 28.4 42.6

68 7.4 5.4 8.0

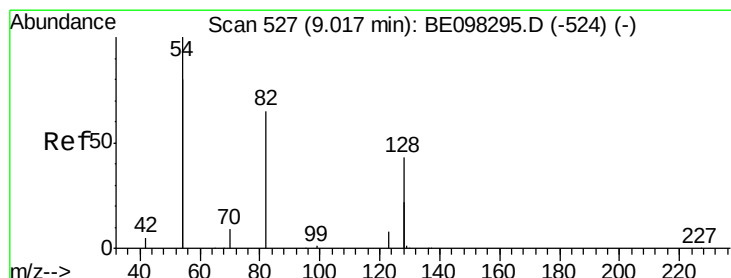
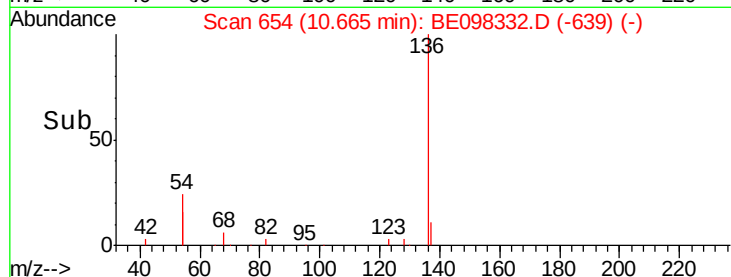
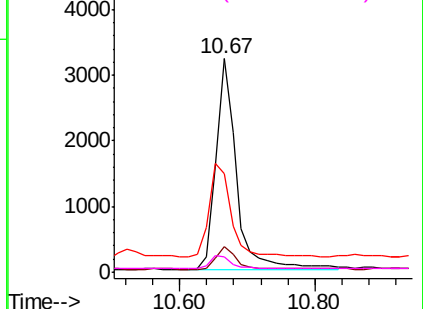


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

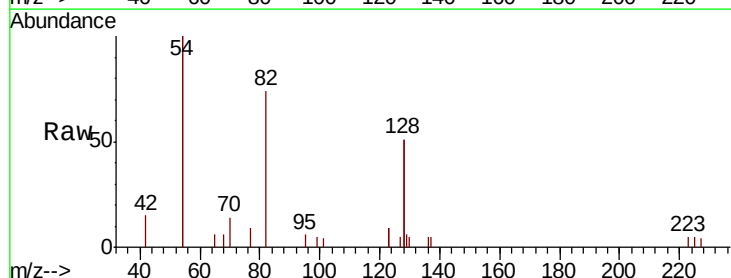
Tgt Ion: 82 Resp: 2262

Ion Ratio Lower Upper

82 100

128 137.6 102.4 153.6

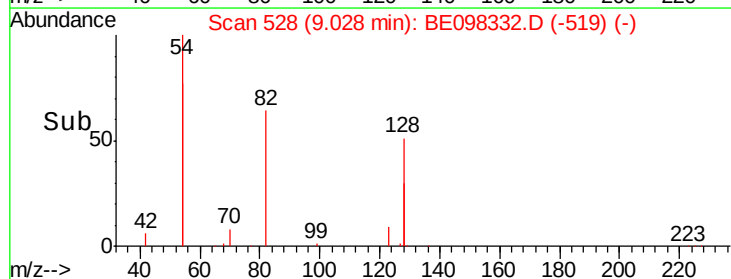
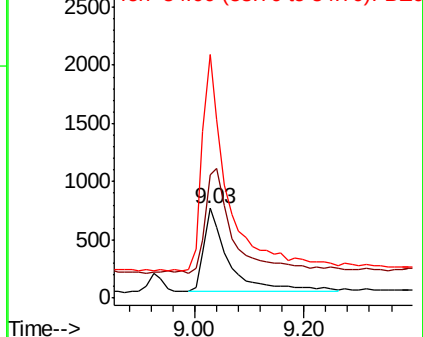
54 272.0 221.8 332.8

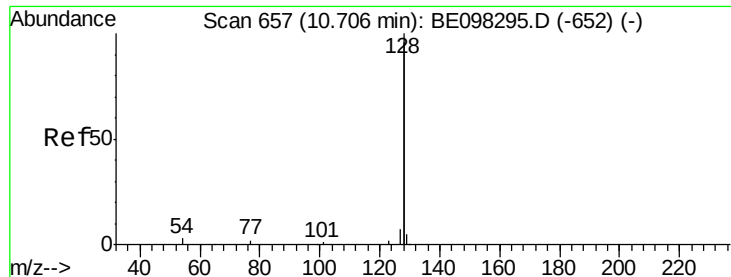


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

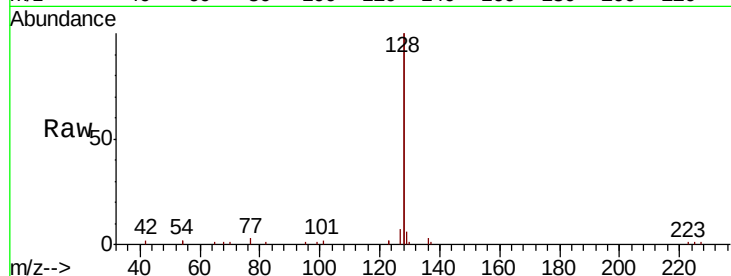
Tot Ion:128 Resp: 26706

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

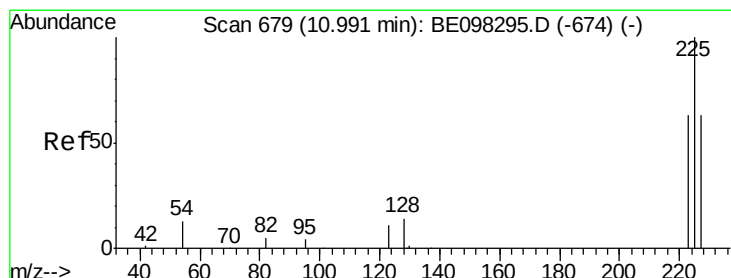
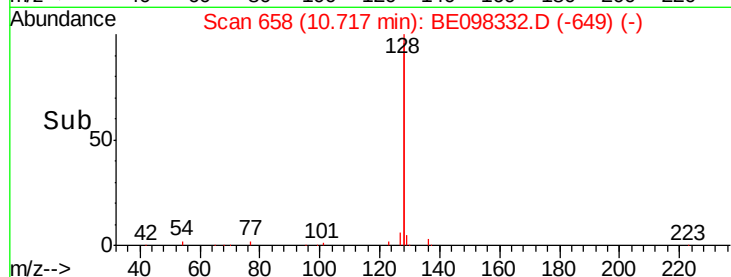
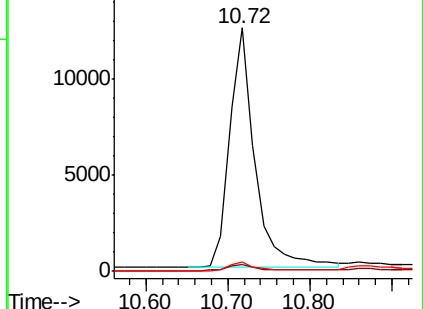
127 3.6 2.7 4.1



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: 0.402 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

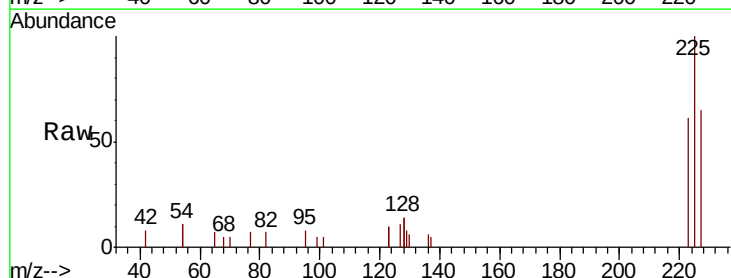
Tgt Ion:225 Resp: 1746

Ion Ratio Lower Upper

225 100

223 63.5 49.4 74.0

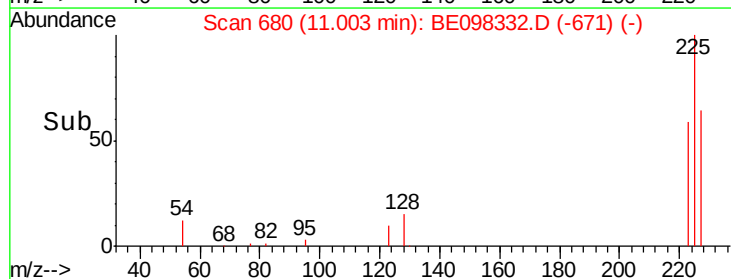
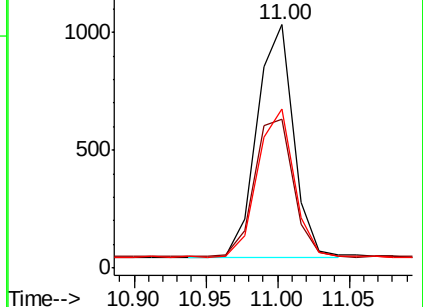
227 64.9 52.0 78.0

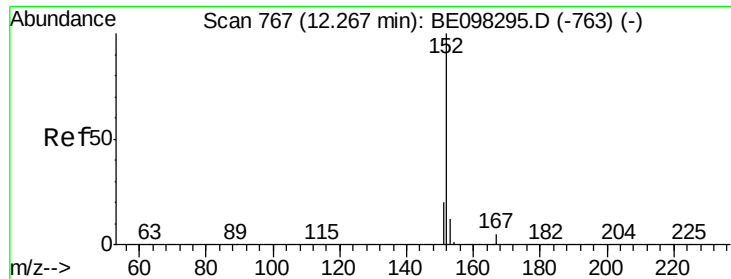


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

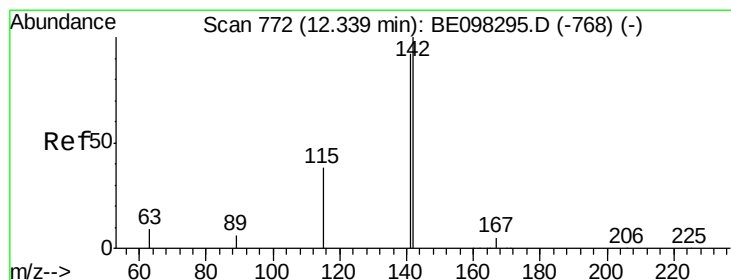
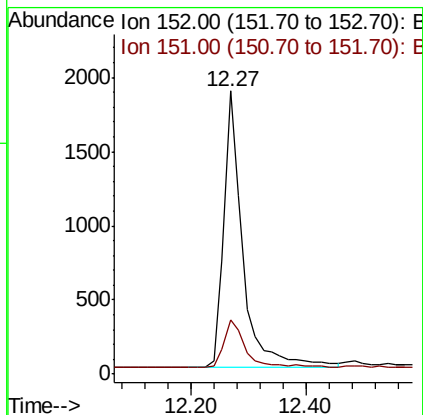
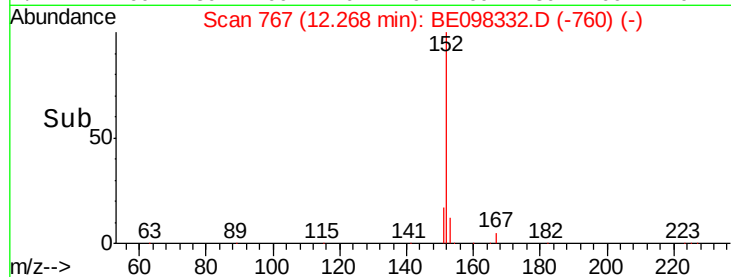
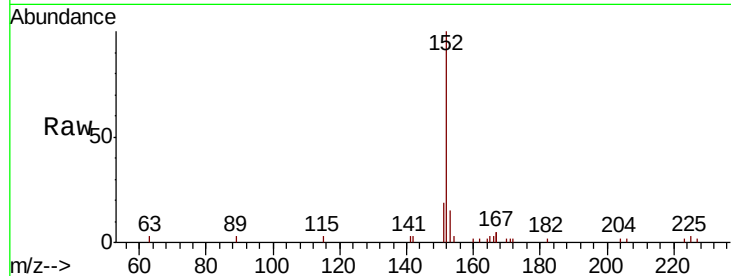
ClientSampleId :

Tot Ion:152 Resp: 4263

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.367 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

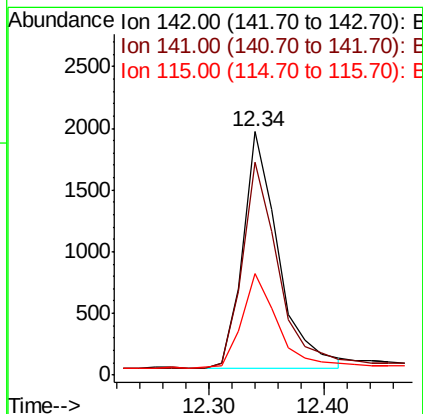
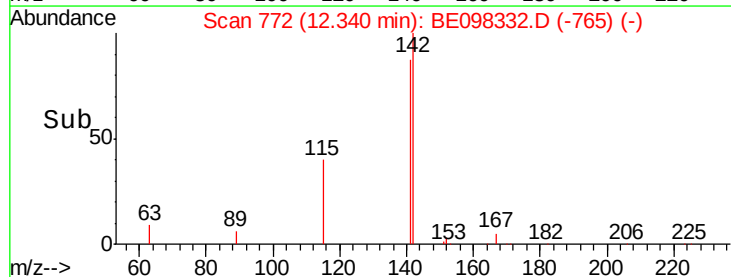
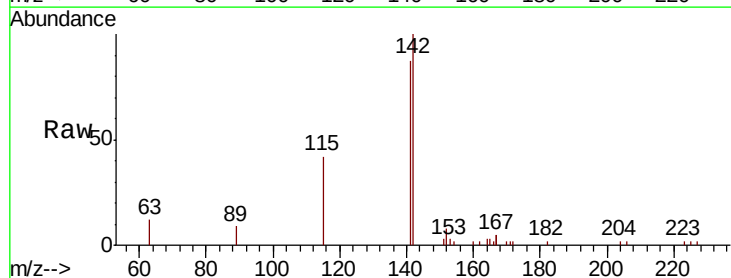
Tgt Ion:142 Resp: 4070

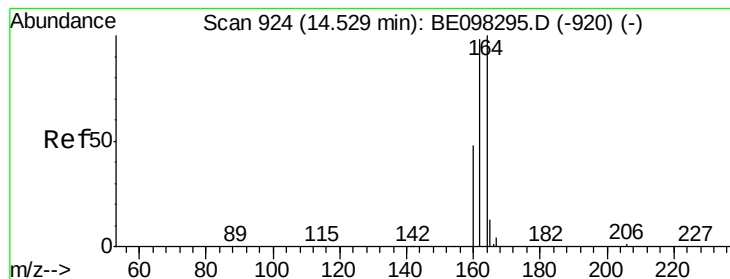
Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6

115 41.7 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

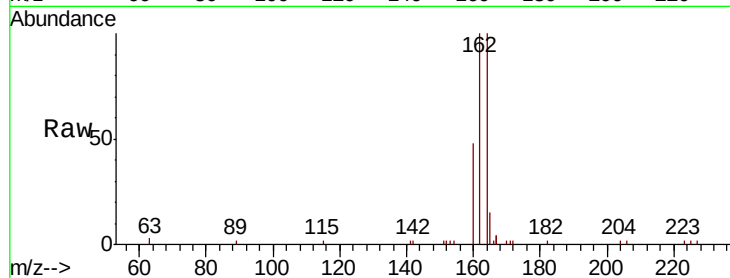
Tot Ion:164 Resp: 4202

Ion Ratio Lower Upper

164 100

162 99.6 77.6 116.4

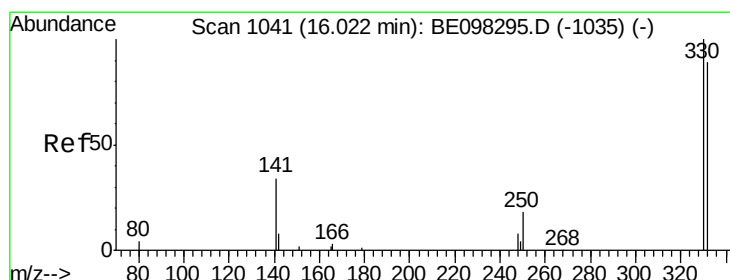
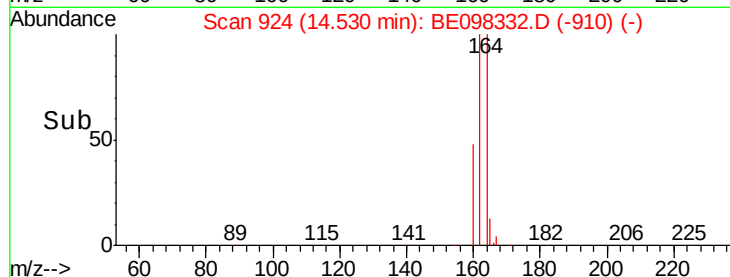
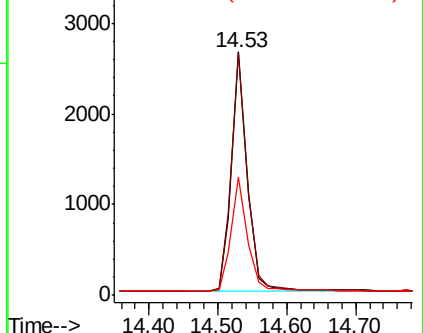
160 48.4 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.369 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

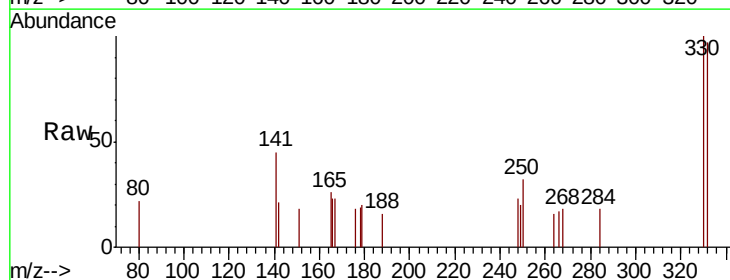
Tgt Ion:330 Resp: 569

Ion Ratio Lower Upper

330 100

332 99.8 76.2 114.4

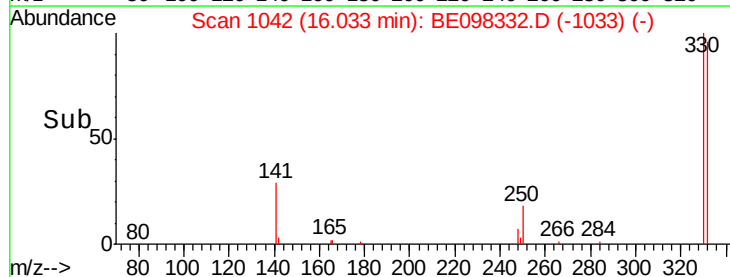
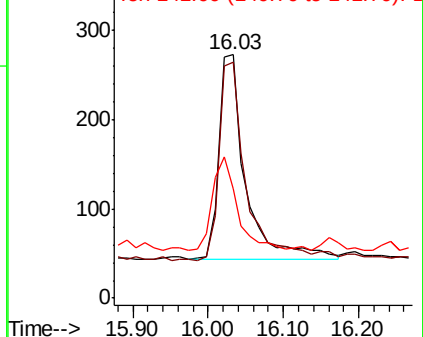
141 41.5 39.0 58.4

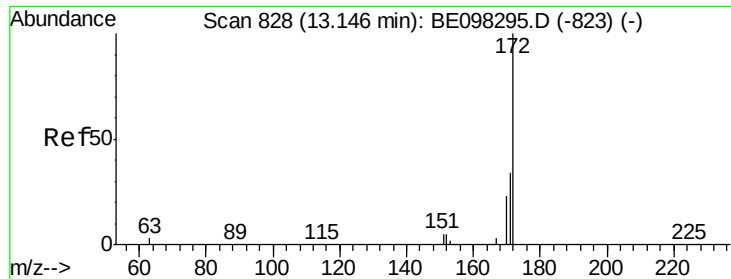


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

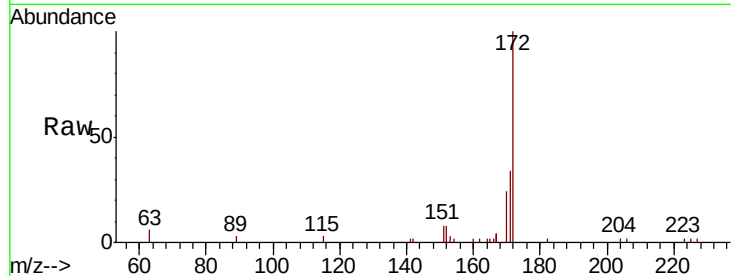




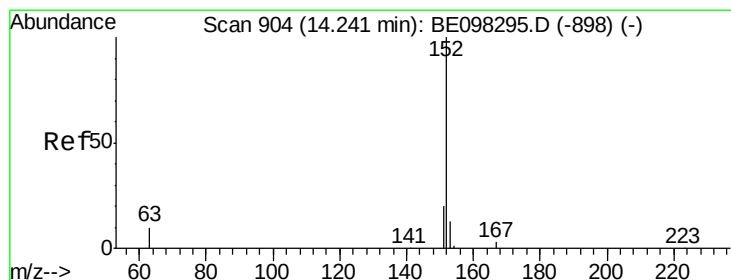
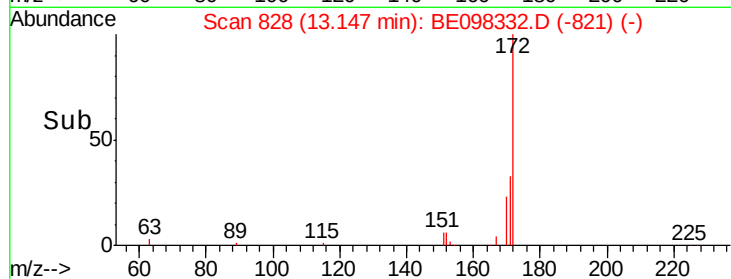
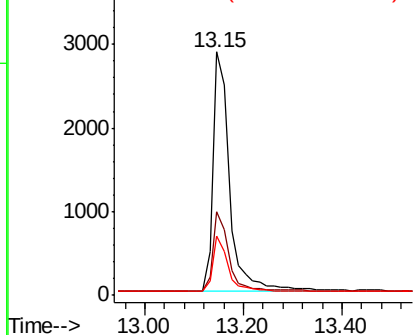
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6674
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 24.5 19.6 29.4

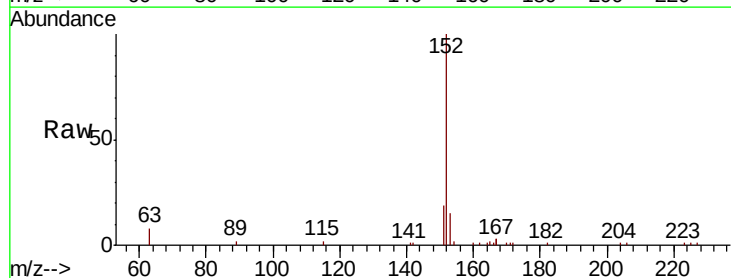


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

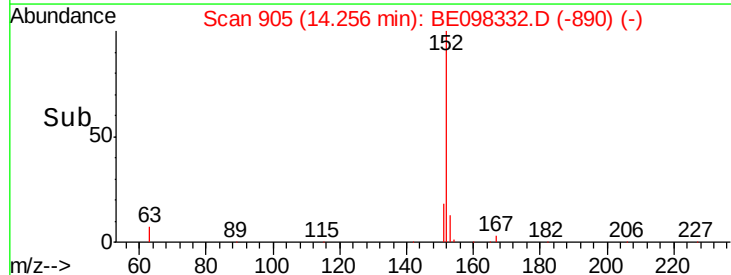
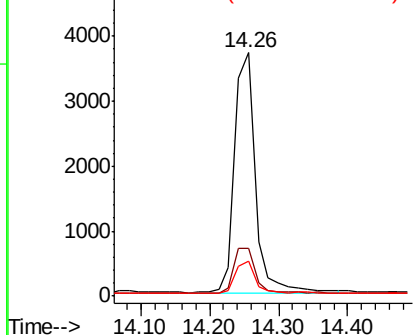


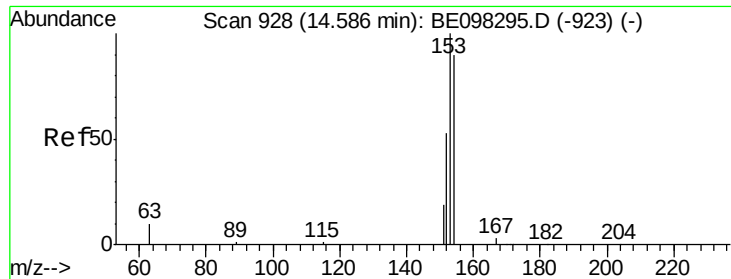
#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.02 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

Tgt Ion:152 Resp: 7659
Ion Ratio Lower Upper
152 100
151 19.0 15.5 23.3
153 13.2 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: 0.389 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

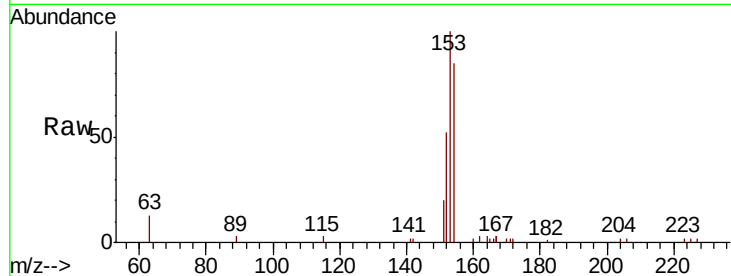
Tot Ion:154 Resp: 4602

Ion Ratio Lower Upper

154 100

153 114.9 91.8 137.6

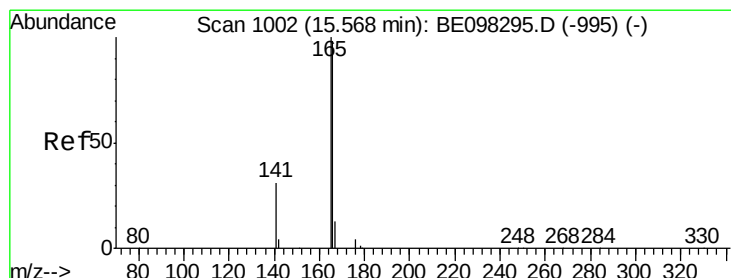
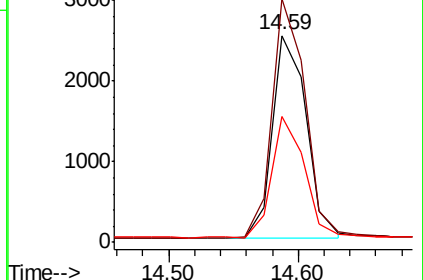
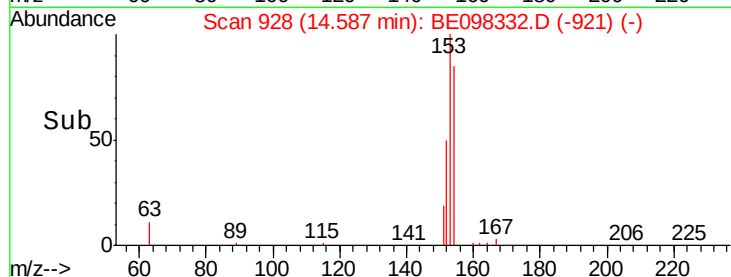
152 57.8 45.5 68.3



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: 0.386 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

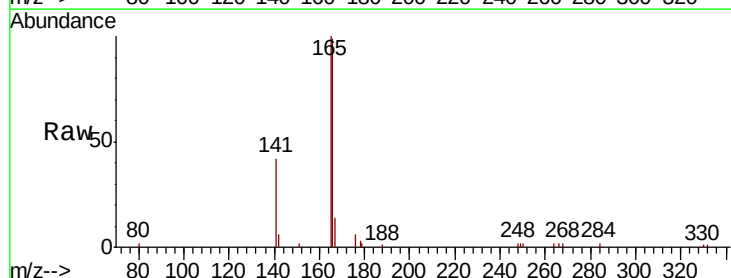
Tgt Ion:166 Resp: 6105

Ion Ratio Lower Upper

166 100

165 99.4 79.3 118.9

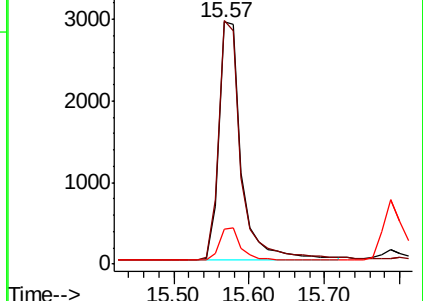
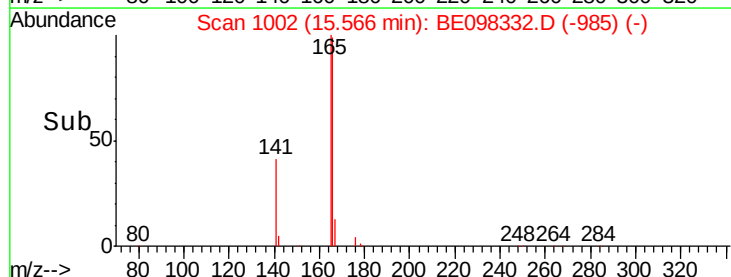
167 13.1 11.3 16.9

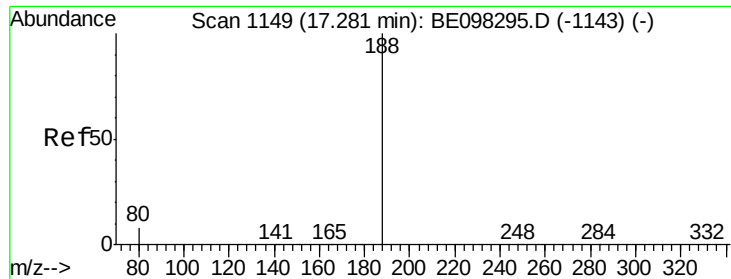


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

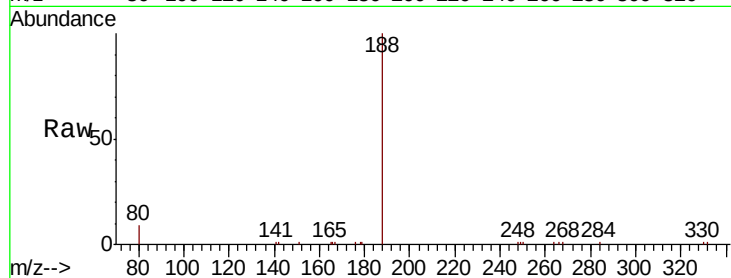
Tot Ion:188 Resp: 11520

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.2	10.8

188 100

94 0.0 0.0 0.0

80 9.0 7.2 10.8



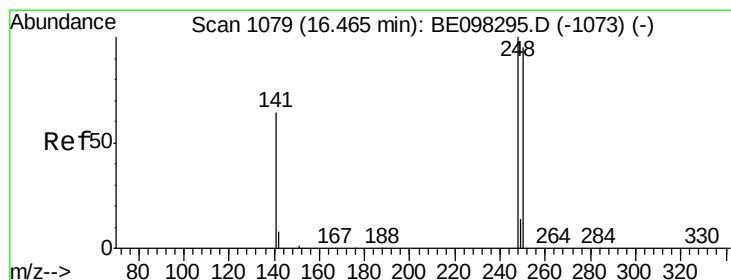
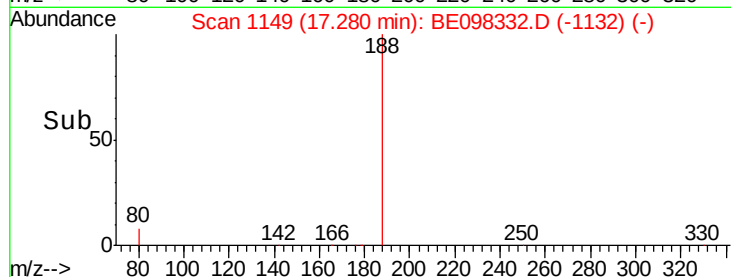
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

17.28

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.379 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

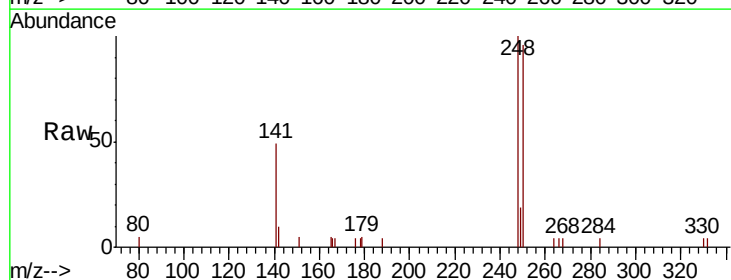
Tgt Ion:248 Resp: 2347

Ion	Ratio	Lower	Upper
248	100		
250	96.4	71.0	106.6
141	49.0	62.1	93.1

248 100

250 96.4 71.0 106.6

141 49.0 62.1 93.1#



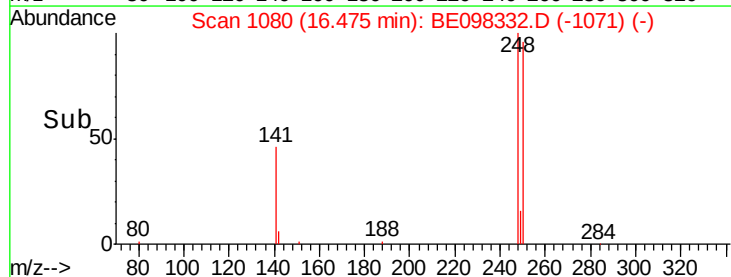
Abundance Ion 248.00 (247.70 to 248.70): E

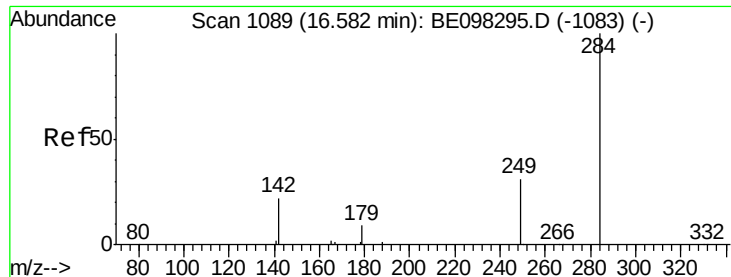
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.48

Time-->





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

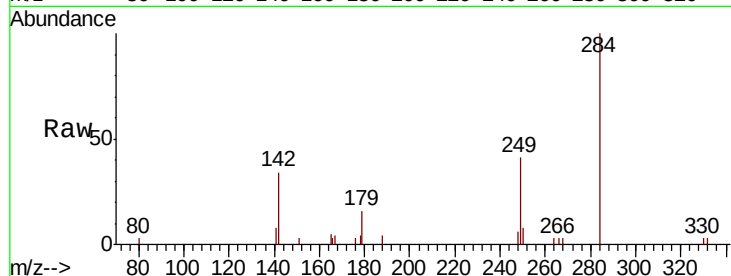
Tot Ion:284 Resp: 2587

Ion Ratio Lower Upper

284 100

142 33.7 26.3 39.5

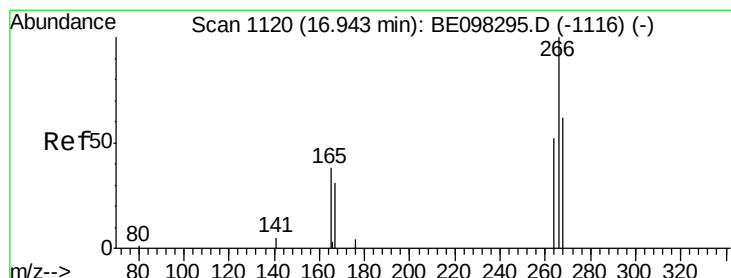
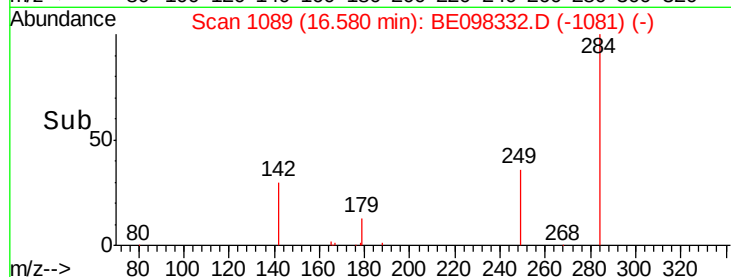
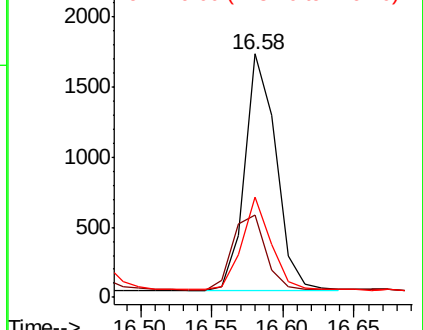
249 35.4 26.0 39.0



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: 0.355 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

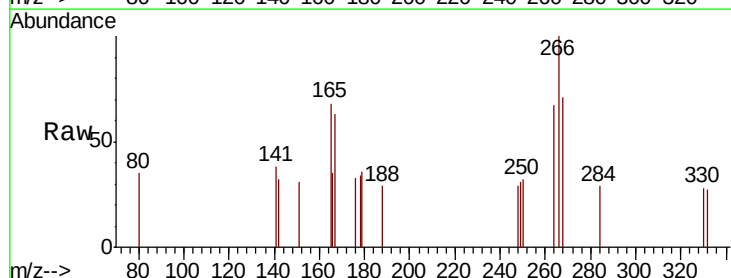
Tgt Ion:266 Resp: 374

Ion Ratio Lower Upper

266 100

264 67.1 59.0 88.4

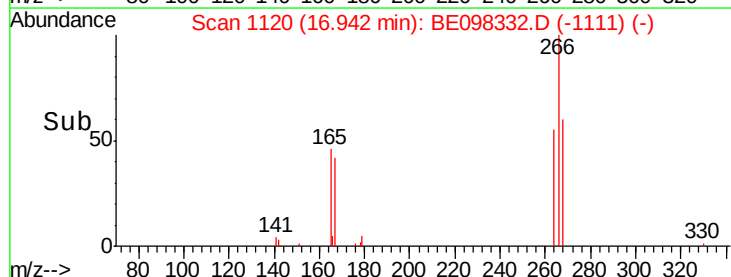
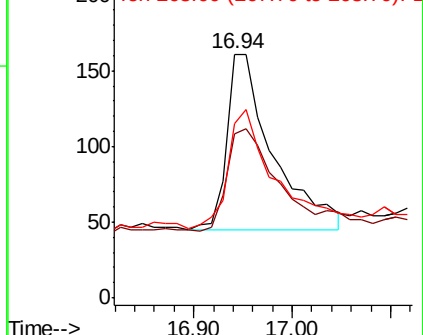
268 71.4 55.1 82.7

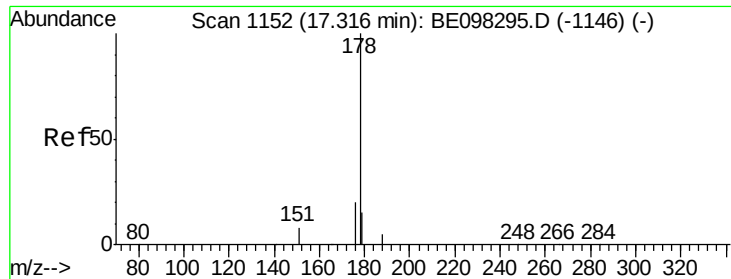


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

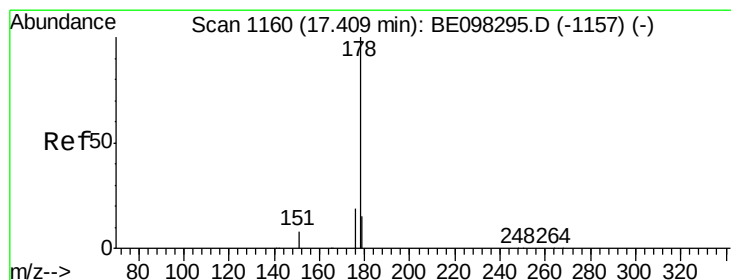
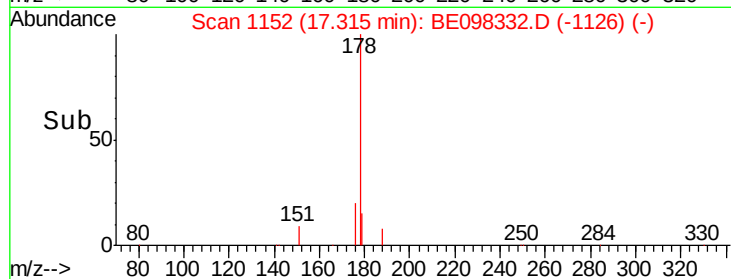
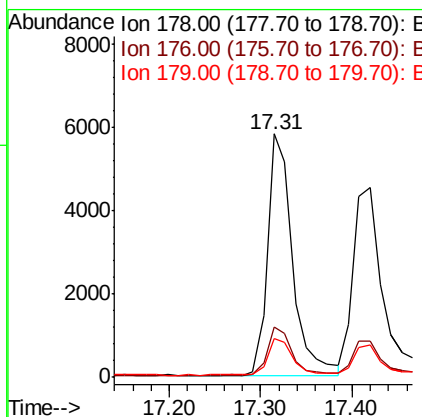
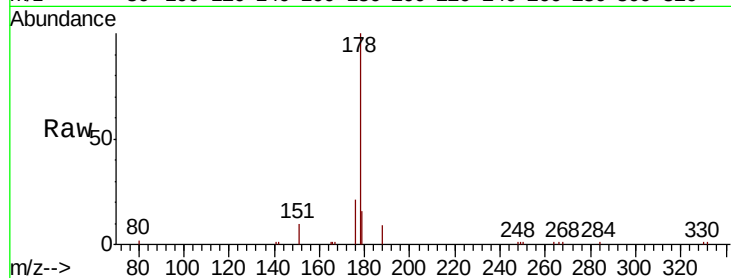




#23
Phenanthrene
Concen: 0.391 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

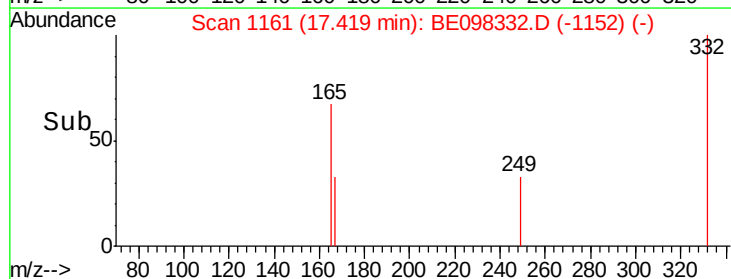
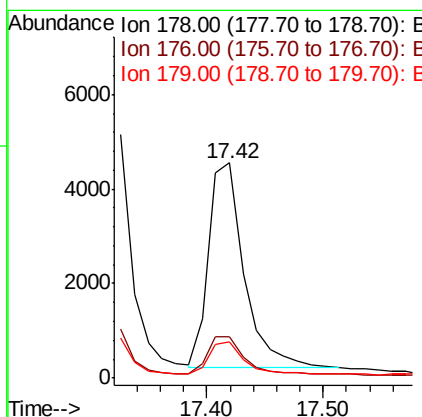
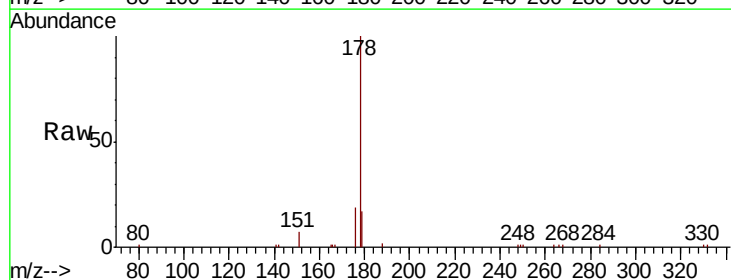
Instrument :
BNA_E
ClientSampleId :

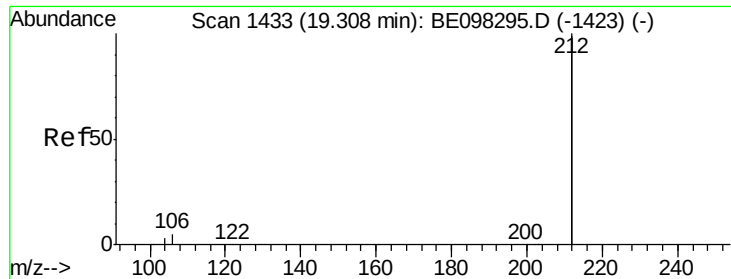
Tot Ion:178 Resp: 10949
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.5 12.3 18.5



#24
Anthracene
Concen: 0.367 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

Tgt Ion:178 Resp: 9149
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.1 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

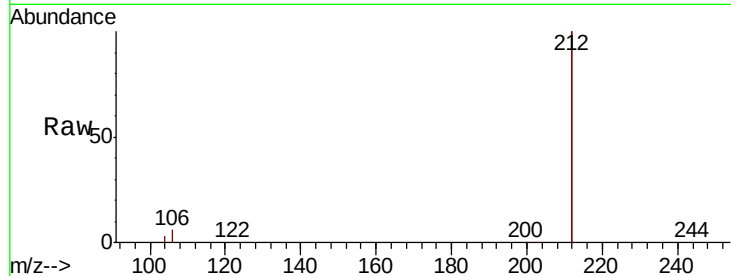
Tot Ion:212 Resp: 57728

Ion Ratio Lower Upper

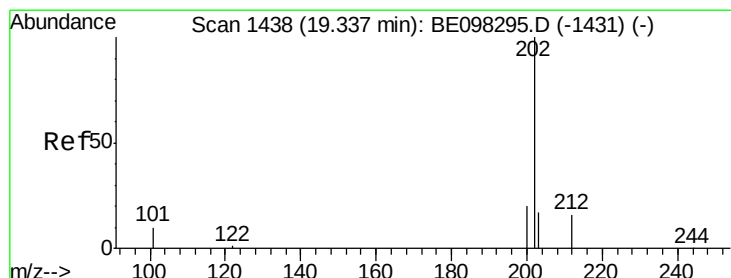
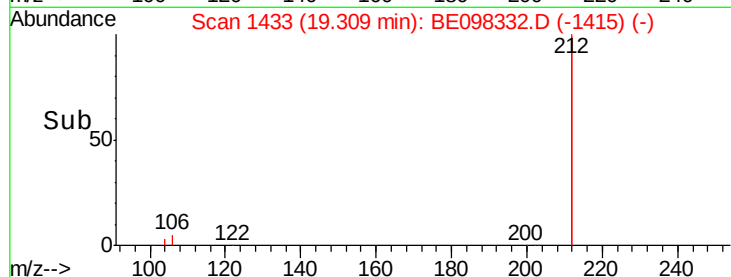
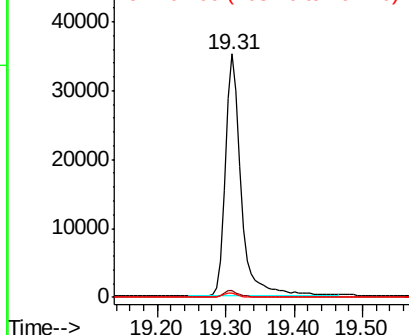
212 100

106 2.7 2.2 3.2

104 1.5 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: 0.397 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

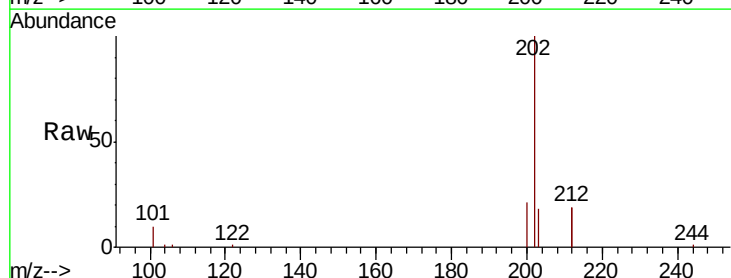
Tgt Ion:202 Resp: 14705

Ion Ratio Lower Upper

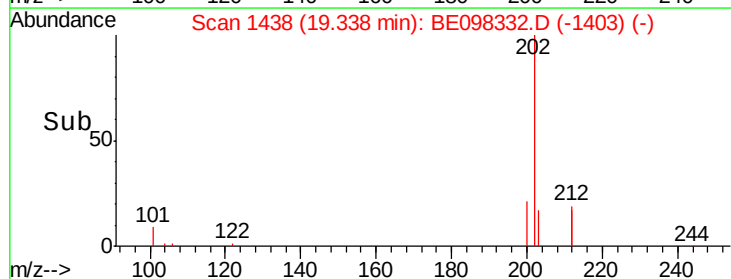
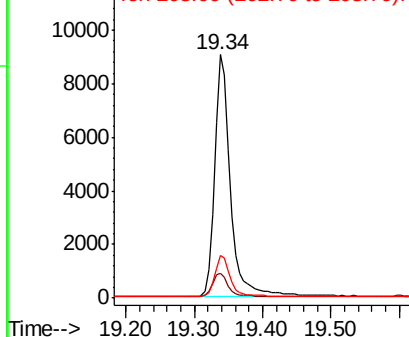
202 100

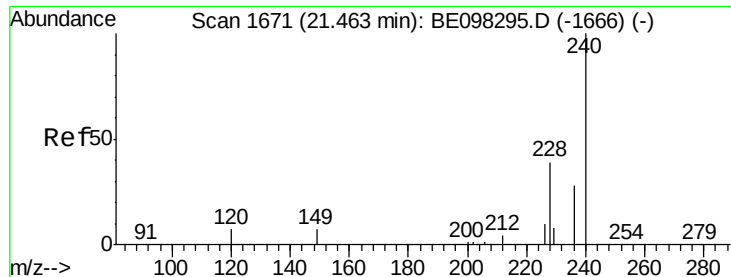
101 9.6 8.0 12.0

203 16.8 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

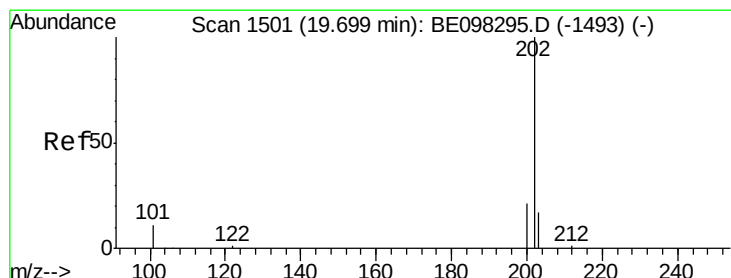
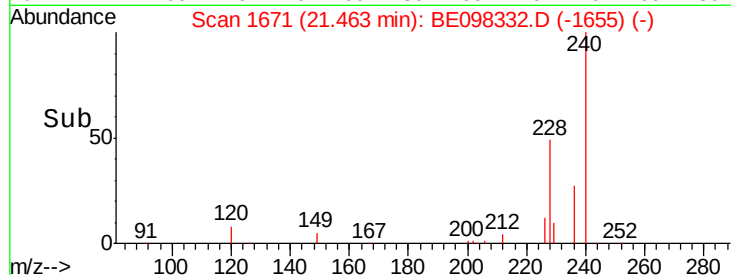
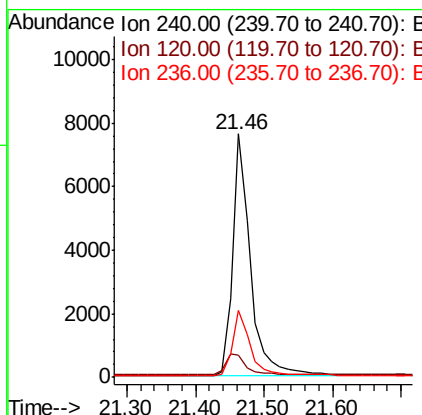
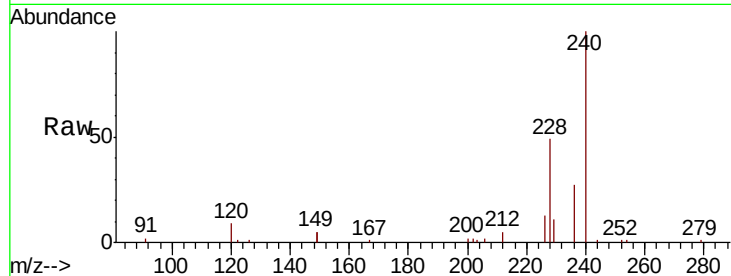




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

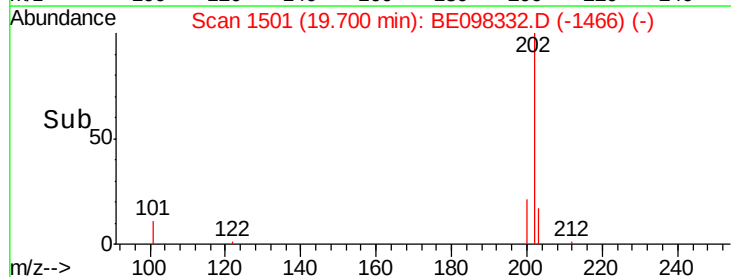
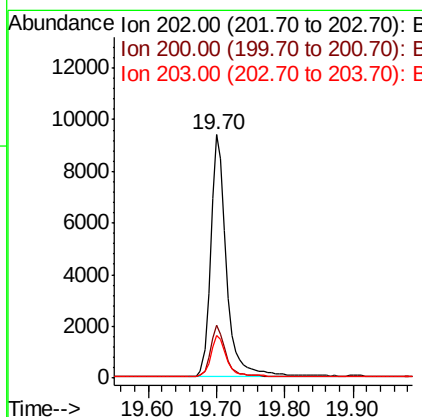
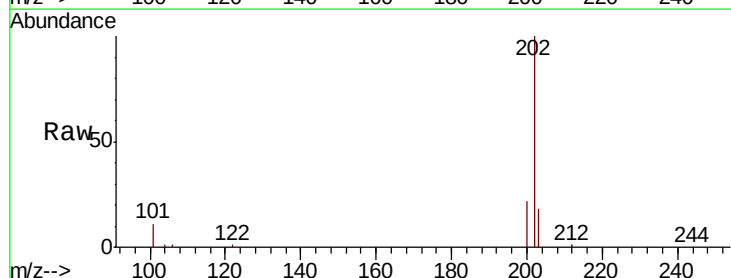
Instrument :
 BNA_E
 ClientSampleId :

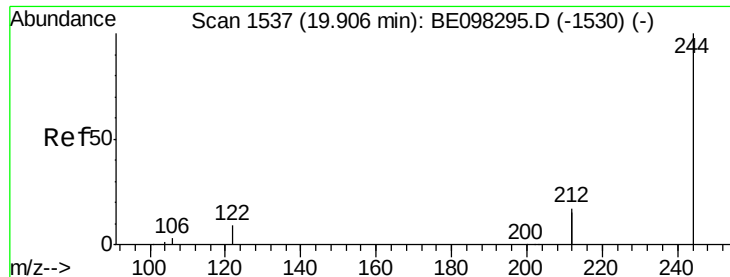
Tot Ion:240 Resp: 13726
 Ion Ratio Lower Upper
 240 100
 120 9.3 9.5 14.3#
 236 27.4 22.7 34.1



#28
 Pyrene
 Concen: 0.353 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

Tgt Ion:202 Resp: 15208
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.7 25.1
 203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.336 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :

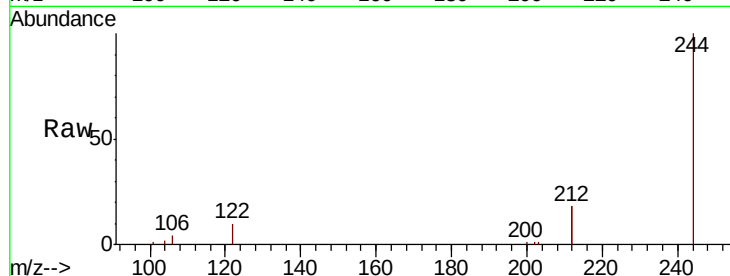
Tot Ion:244 Resp: 11202

Ion Ratio Lower Upper

244 100

212 35.2 27.4 41.0

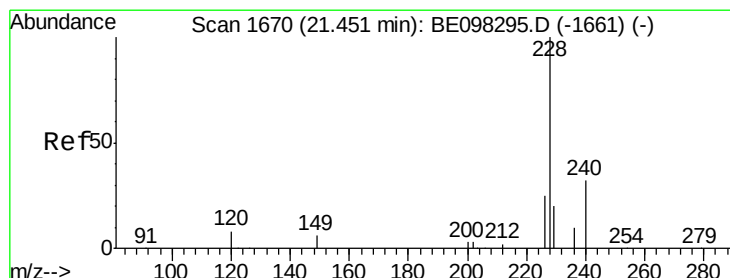
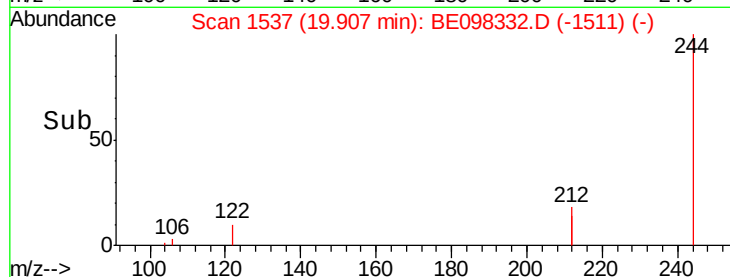
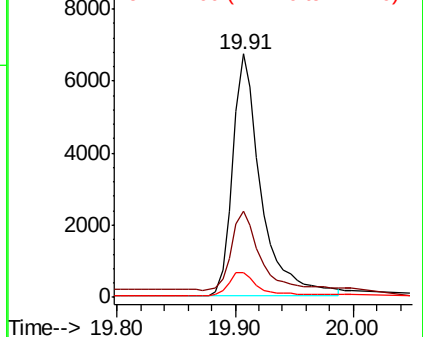
122 10.3 8.3 12.5



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: 0.371 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

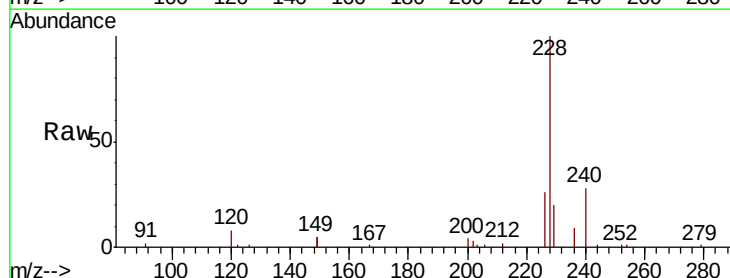
Tgt Ion:228 Resp: 14490

Ion Ratio Lower Upper

228 100

226 26.3 21.8 32.8

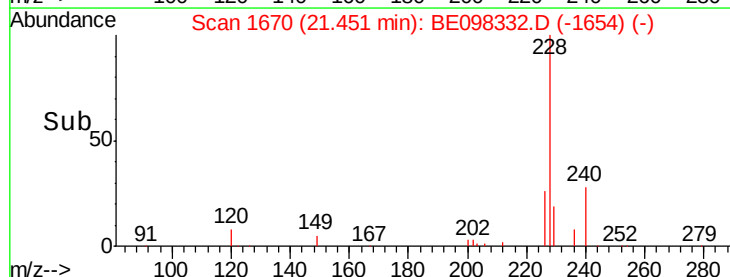
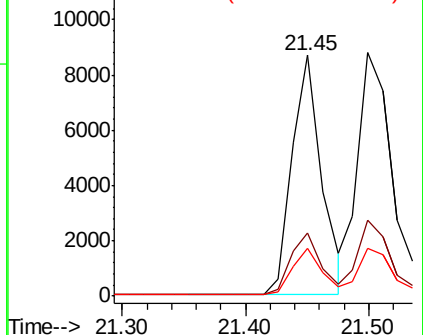
229 19.9 16.3 24.5

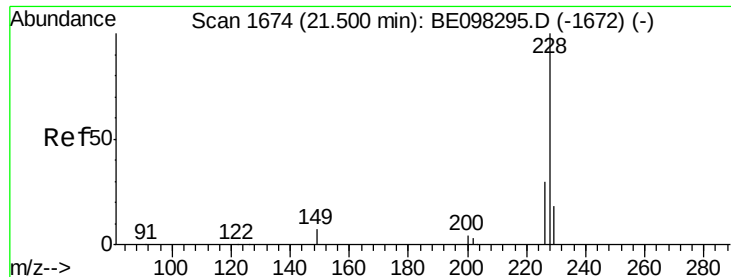


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



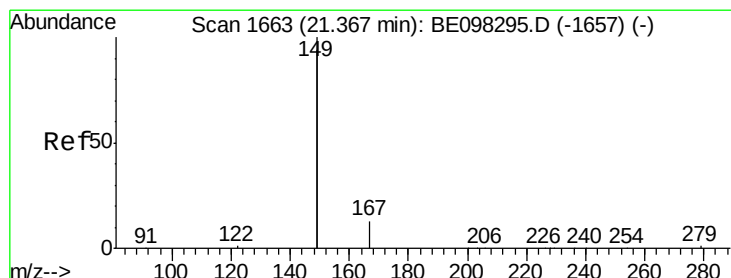
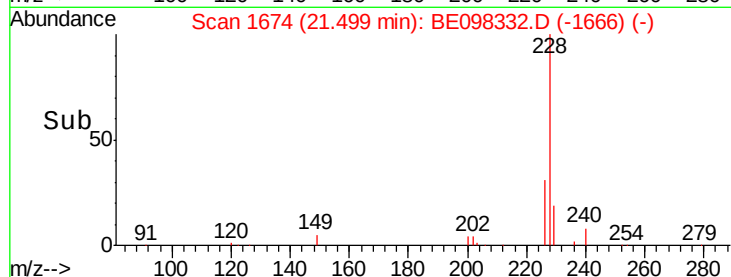
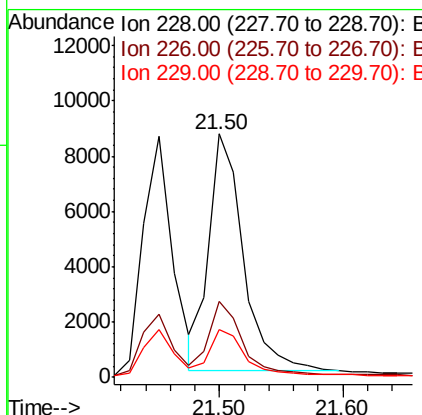
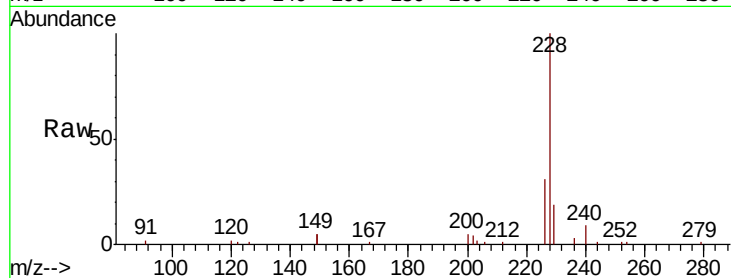


#31
 Chrysene
 Concen: 0.404 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:228 Resp: 16553

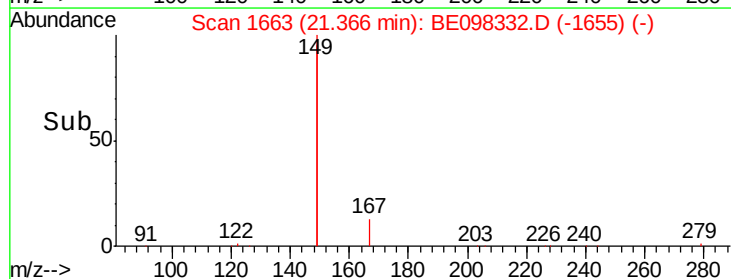
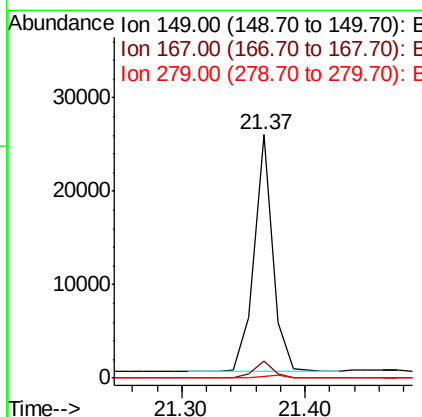
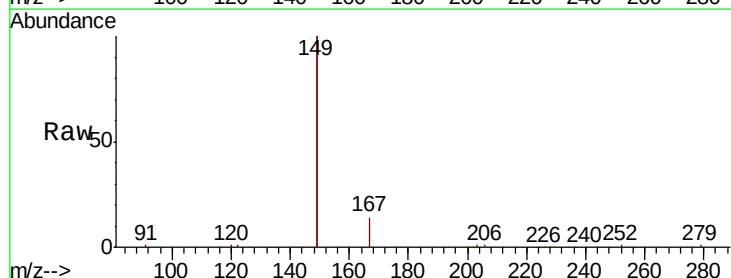
Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	19.5	16.2	24.4

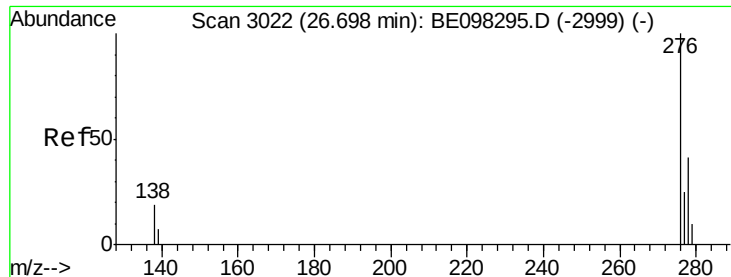


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.342 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

Tgt Ion:149 Resp: 27170

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.1	1.0	1.4

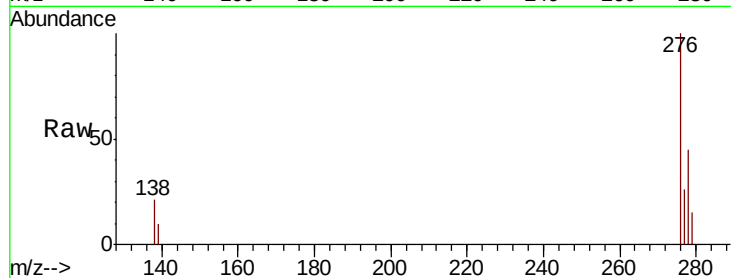




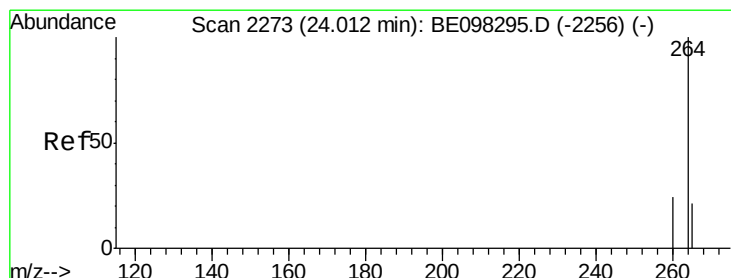
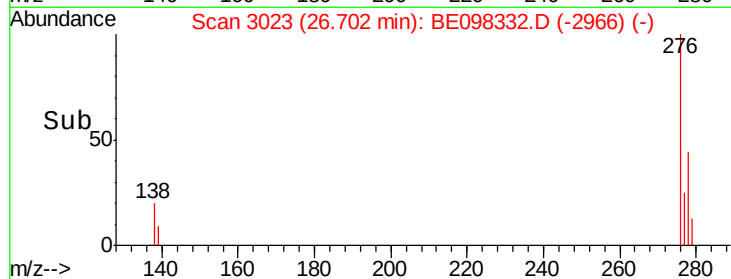
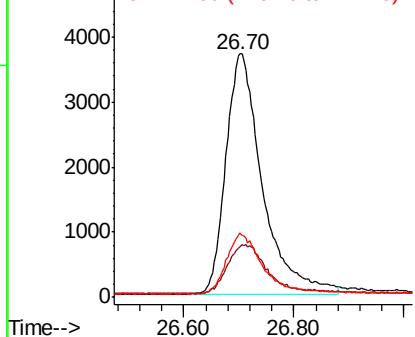
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.418 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 17024
 Ion Ratio Lower Upper
 276 100
 138 21.7 16.3 24.5
 277 24.6 20.2 30.4

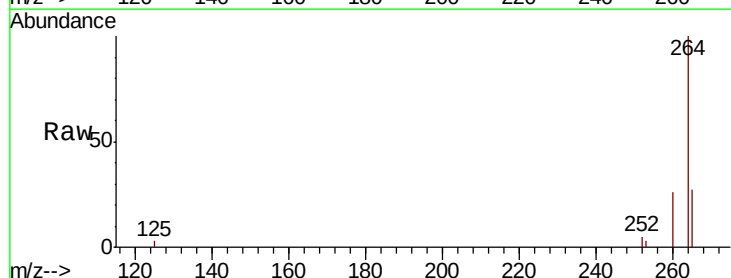


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

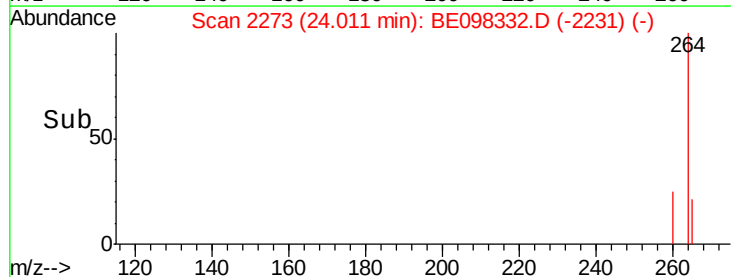
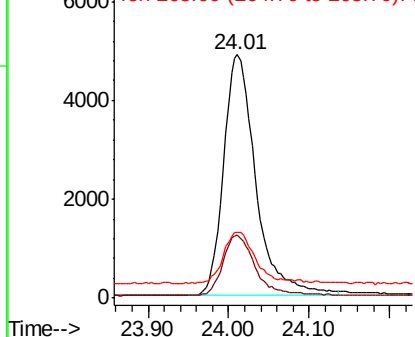


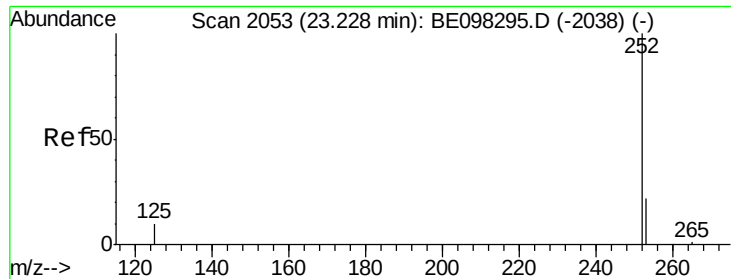
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098332.D
 Acq: 11 Dec 2018 14:34

Tgt Ion:264 Resp: 13497
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 26.8 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

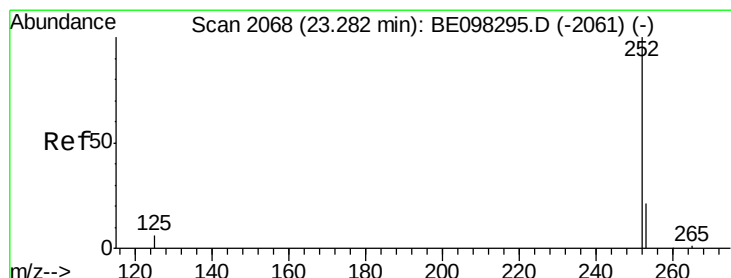
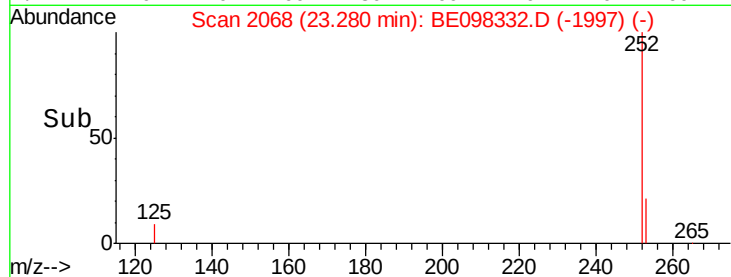
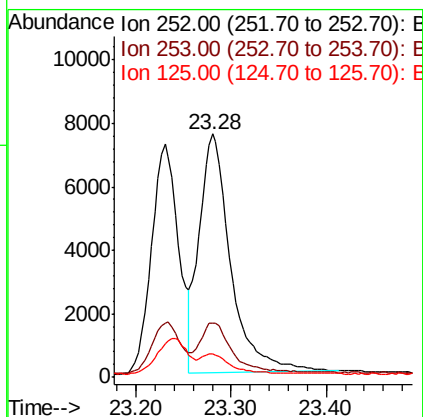
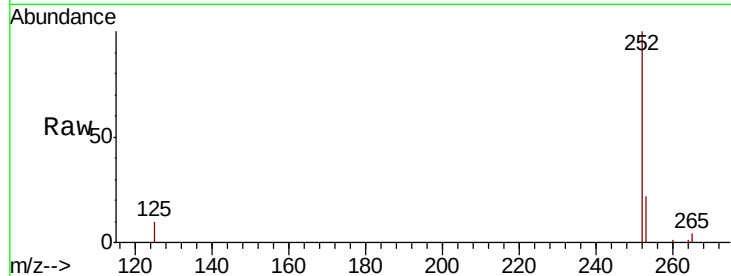




#35
Benzo(b)fluoranthene
Concen: 0.472 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.05 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

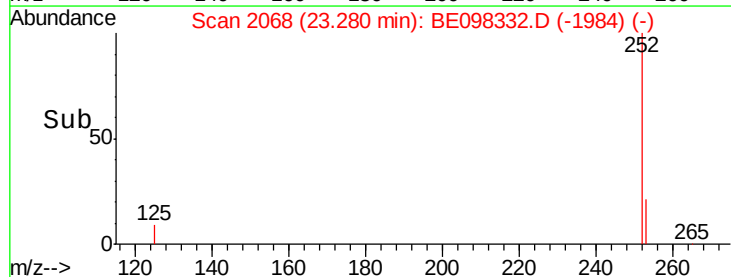
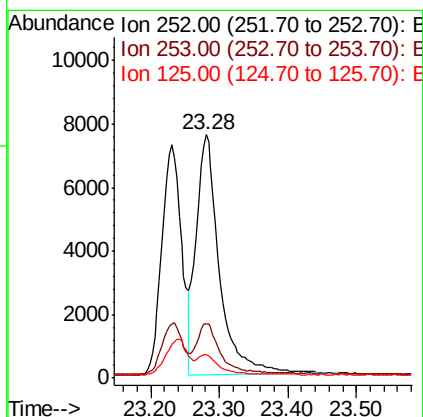
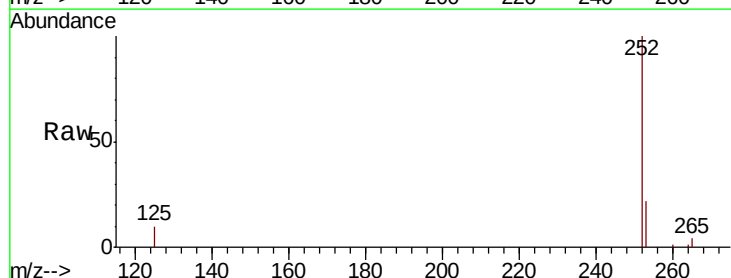
Instrument :
BNA_E
ClientSampleId :

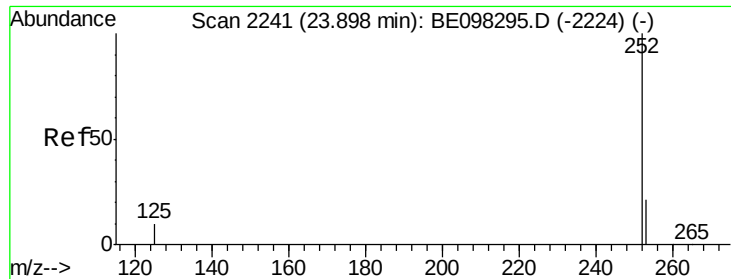
Tot Ion:252 Resp: 17413
Ion Ratio Lower Upper
252 100
253 22.3 20.0 30.0
125 9.8 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

Tgt Ion:252 Resp: 17985
Ion Ratio Lower Upper
252 100
253 22.3 19.0 28.6
125 9.8 9.1 13.7

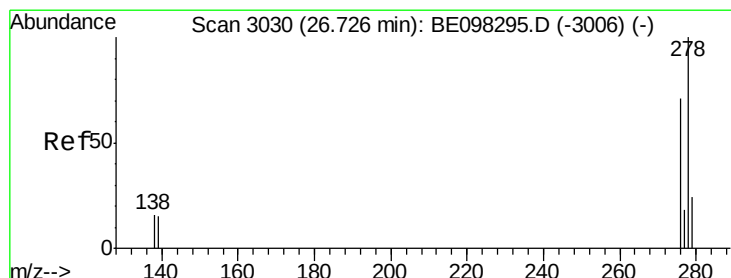
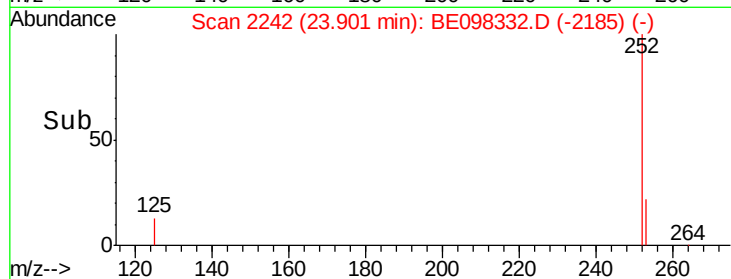
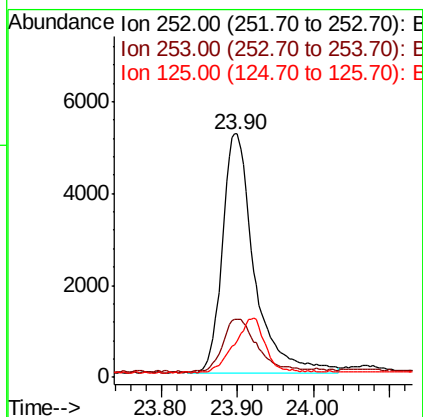
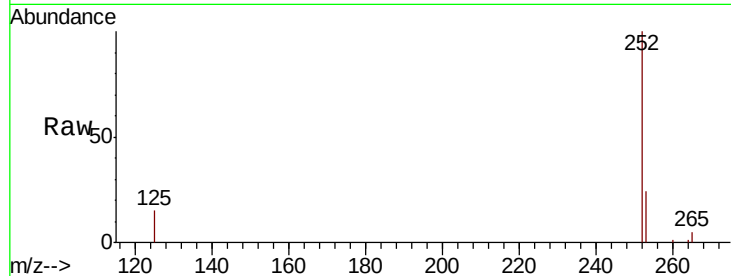




#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

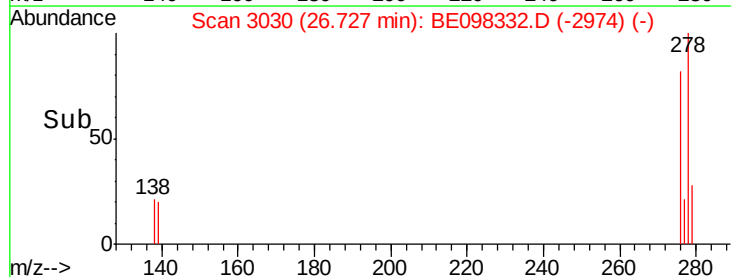
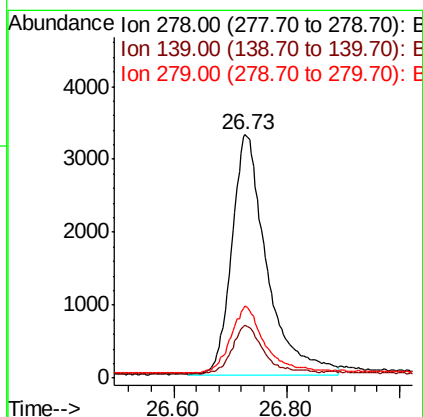
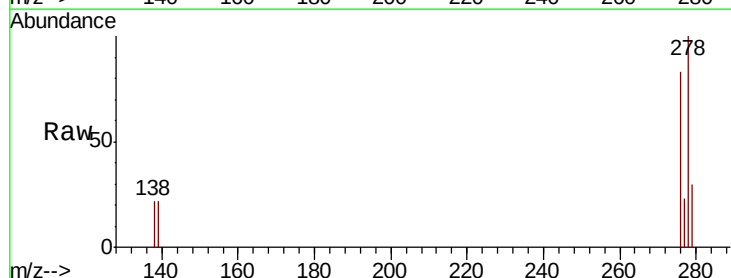
Instrument :
BNA_E
ClientSampleId :

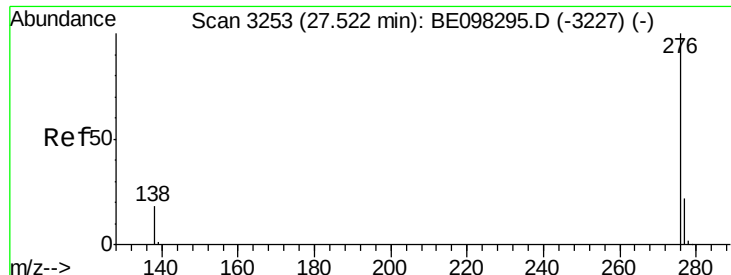
Tot Ion:252 Resp: 15138
Ion Ratio Lower Upper
252 100
253 24.1 20.6 30.8
125 14.9 10.5 15.7



#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098332.D
Acq: 11 Dec 2018 14:34

Tgt Ion:278 Resp: 14144
Ion Ratio Lower Upper
278 100
139 22.0 14.5 21.7#
279 29.8 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.394 ng

RT: 27.53 min Scan# 3254

Delta R.T. 0.00 min

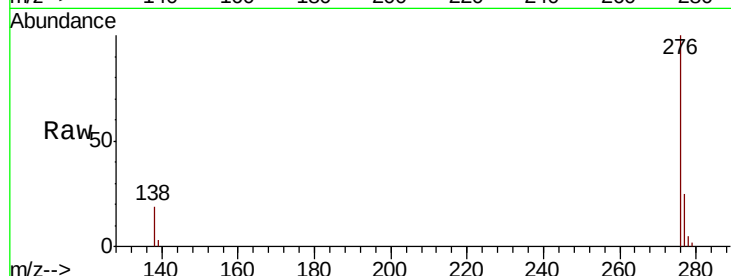
Lab File: BE098332.D

Acq: 11 Dec 2018 14:34

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 14238

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 19.0 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

