

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
 Data File : BE098040.D
 Acq On : 24 Oct 2018 16:06
 Operator : SJ/JU
 Sample : PB114054BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

Quant Time: Oct 25 04:02:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

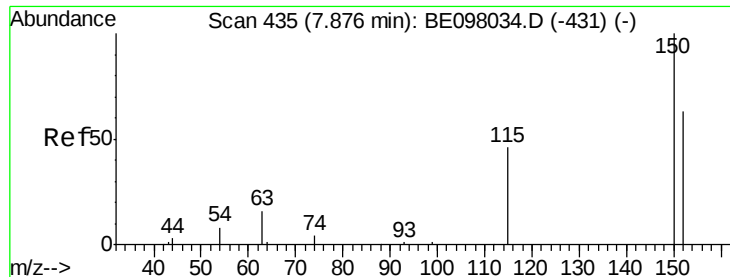
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1025	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	4624	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	2975	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	8883	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11496	0.40	ng	0.00
34) Perylene-d12	24.03	264	11469	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	898	0.29	ng	0.00
5) Phenol-d6	7.06	99	1254	0.24	ng	0.00
8) Nitrobenzene-d5	9.03	82	1281	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2031	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	380	0.25	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2858	0.24	ng	0.00
25) Fluoranthene-d10	19.32	212	31753	0.28	ng	0.00
29) Terphenyl-d14	19.92	244	9308	0.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	24	0.015	ng	# 13
3) n-Nitrosodimethylamine	3.68	42	51	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.31	93	16	0.004	ng	# 1
9) Naphthalene	10.73	128	35	0.001	ng	# 45
10) Hexachlorobutadiene	11.00	225	12	0.004	ng	# 17
16) Acenaphthylene	14.25	152	24	0.002	ng	# 1
17) Acenaphthene	14.63	154	7	0.001	ng	# 1
18) Fluorene	15.58	166	3	0.000	ng	# 9
20) 4-Bromophenyl-phenylether	16.45	248	8	0.001	ng	# 63
21) Hexachlorobenzene	16.60	284	8	0.001	ng	# 34
22) Pentachlorophenol	16.97	266	13	0.028	ng	# 57
23) Phenanthrene	17.36	178	42	0.002	ng	# 1
24) Anthracene	17.42	178	12	0.001	ng	# 61
26) Fluoranthene	19.36	202	20	0.001	ng	# 24
28) Pyrene	19.70	202	34	0.001	ng	# 57
30) Benzo(a)anthracene	21.47	228	102	0.003	ng	# 1
31) Chrysene	21.47	228	59	0.002	ng	# 5
32) Bis(2-ethylhexyl)phthalate	21.38	149	1190	0.015	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.71	276	8	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.25	252	16	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.30	252	7	0.000	ng	# 1
37) Benzo(a)pyrene	23.92	252	9	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.74	278	7	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.54	276	7	0.000	ng	# 1

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
Data File : BE098040.D
Acq On    : 24 Oct 2018   16:06
Operator  : SJ/JU
Sample    : PB114054BL
Misc      :
ALS Vial  : 10      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

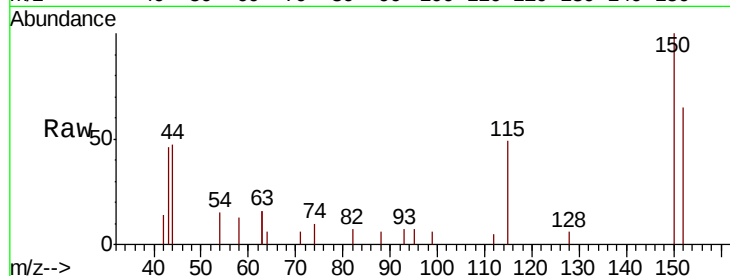
Tgt Ion:152 Resp: 1025

Ion Ratio Lower Upper

152 100

150 155.0 118.2 177.4

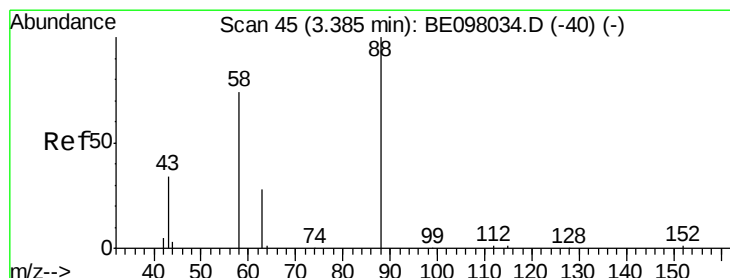
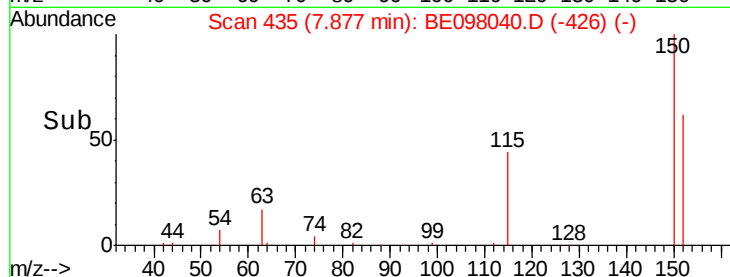
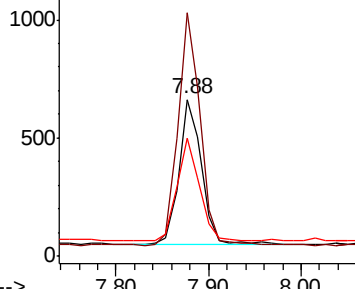
115 75.5 50.9 76.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.015 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.05 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

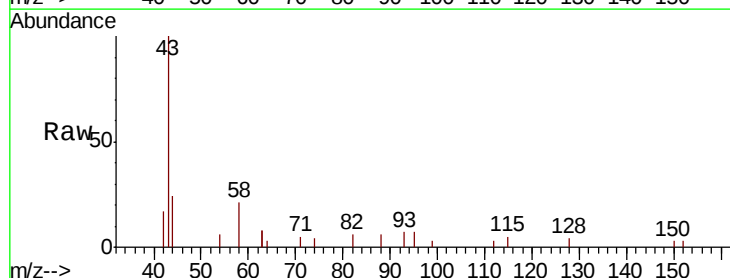
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

58 0.0 73.2 109.8#

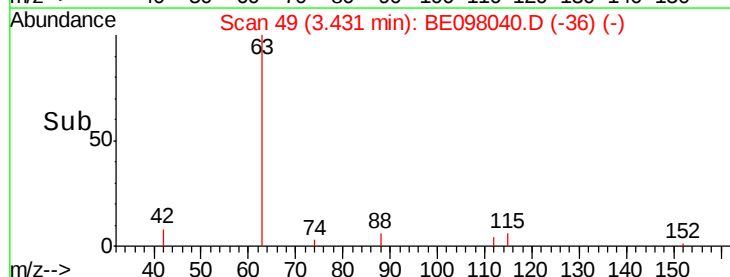
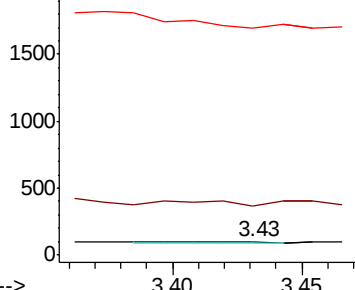
43 0.0 36.9 55.3#

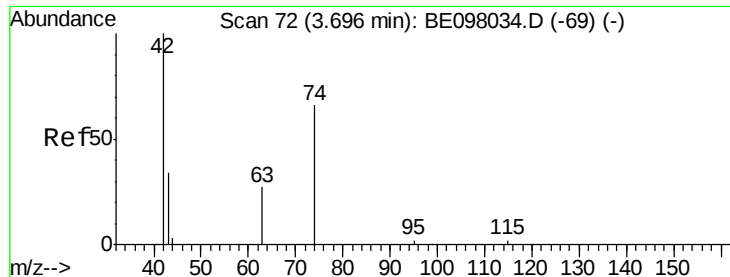


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

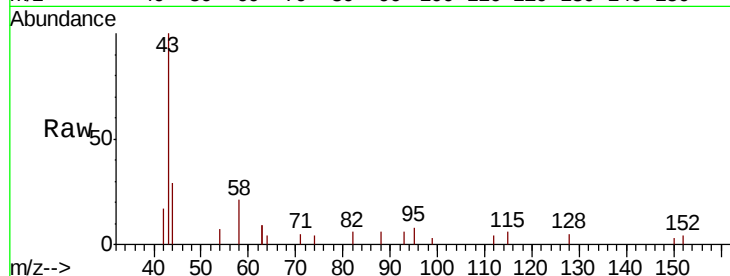
Tgt Ion: 42 Resp: 51

Ion Ratio Lower Upper

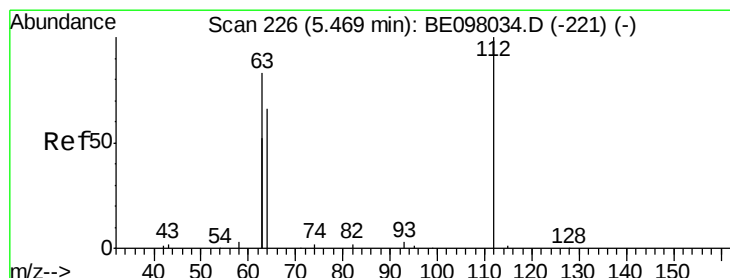
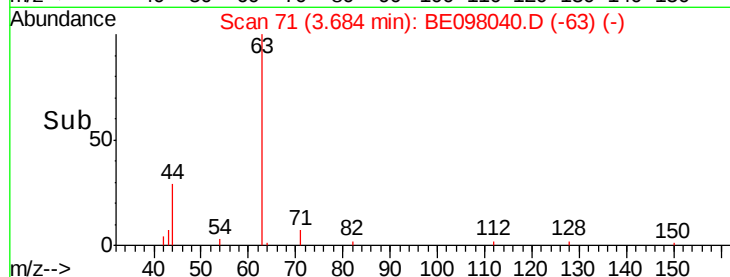
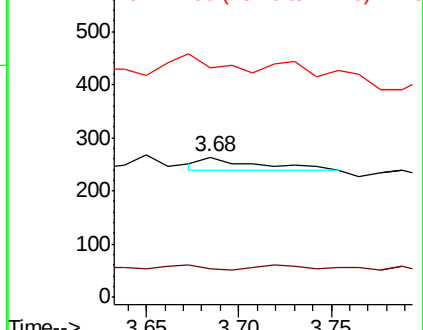
42 100

74 23.5 77.6 116.4#

44 143.1 7.6 11.4#



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: 0.289 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

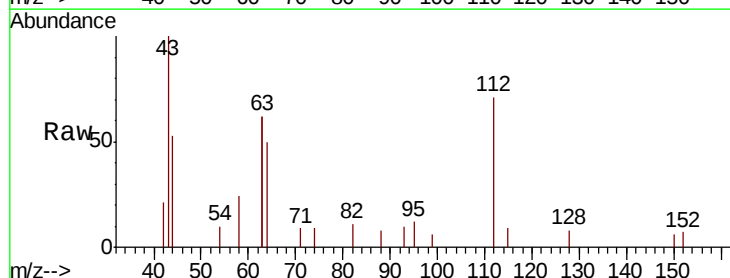
Tgt Ion: 112 Resp: 898

Ion Ratio Lower Upper

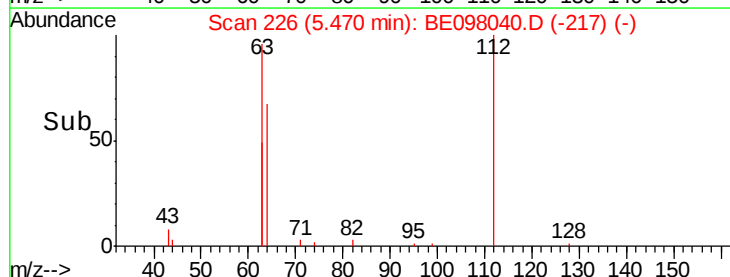
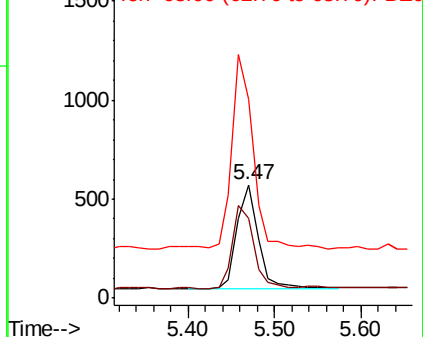
112 100

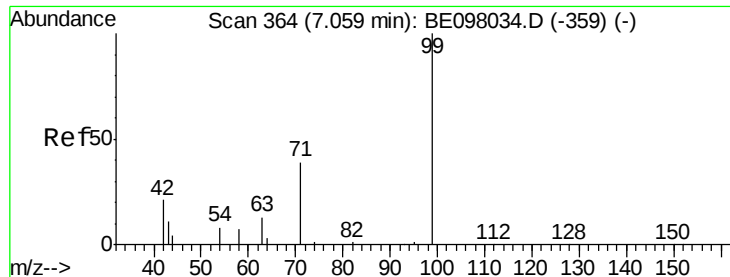
64 79.2 58.9 88.3

63 182.5 120.3 180.5#



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: 0.243 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

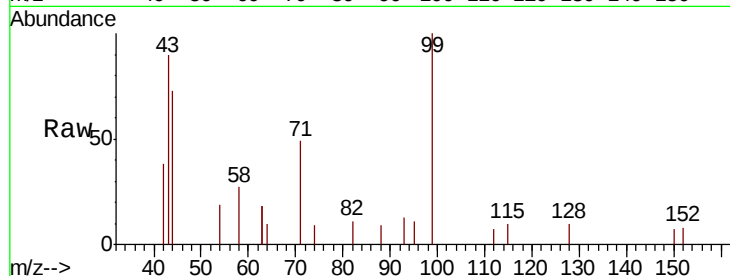
Tgt Ion: 99 Resp: 1254

Ion Ratio Lower Upper

99 100

42 37.8 19.9 29.9#

71 49.8 27.8 41.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.06

800

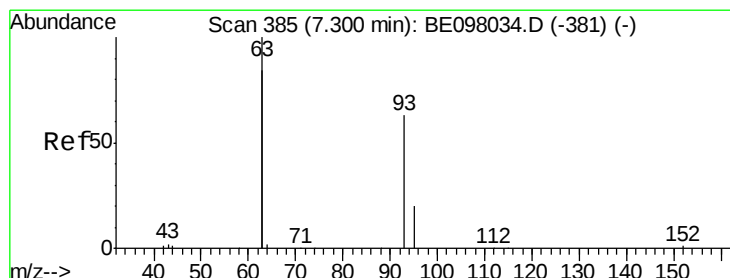
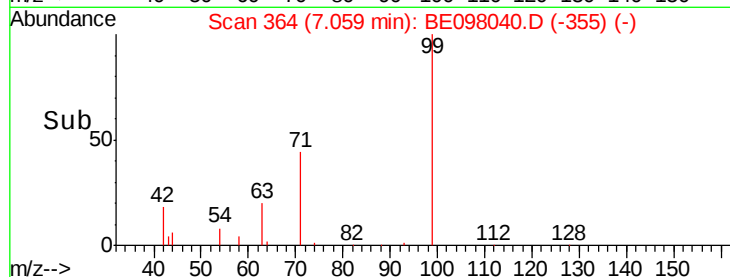
600

400

200

0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

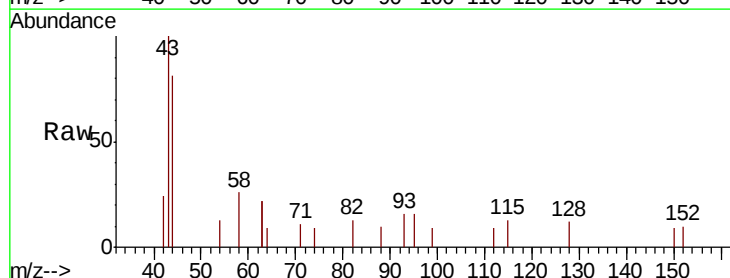
Tgt Ion: 93 Resp: 16

Ion Ratio Lower Upper

93 100

63 0.0 259.0 388.4#

95 0.0 27.8 41.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

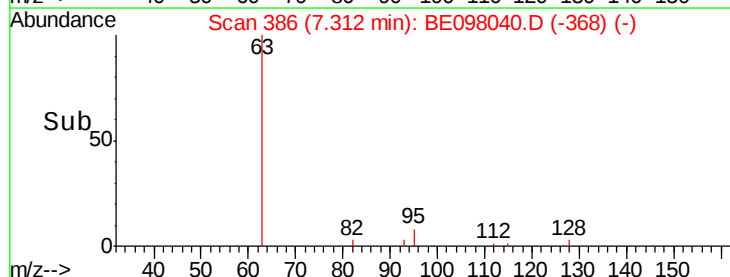
300

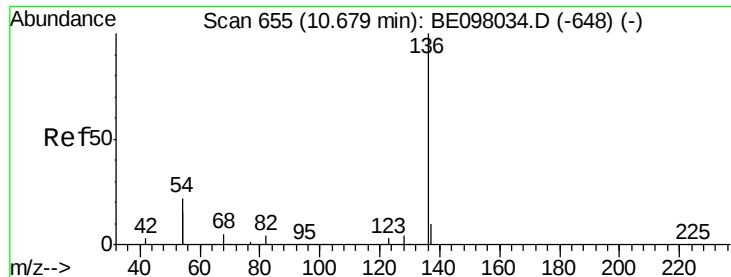
200

100

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

Tgt Ion:136 Resp: 4624

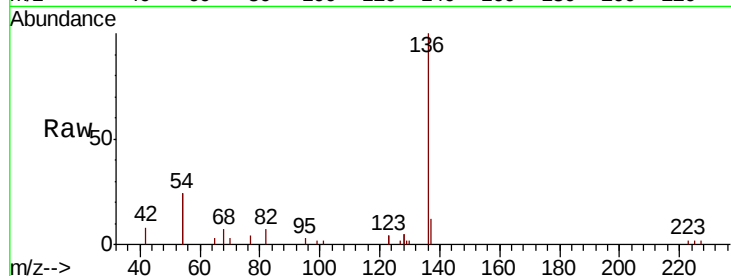
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 47.2 27.7 41.5#

68 6.6 5.3 7.9

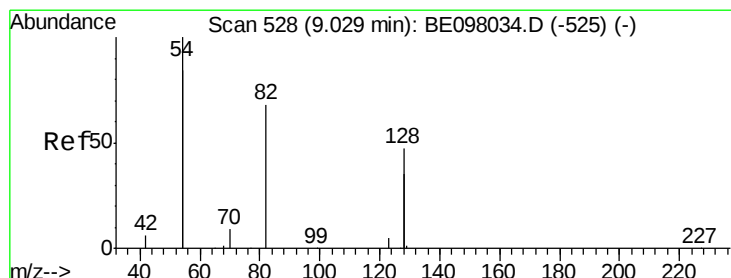
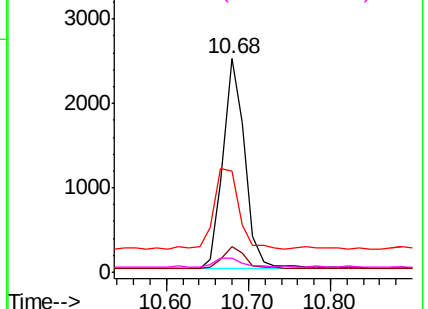
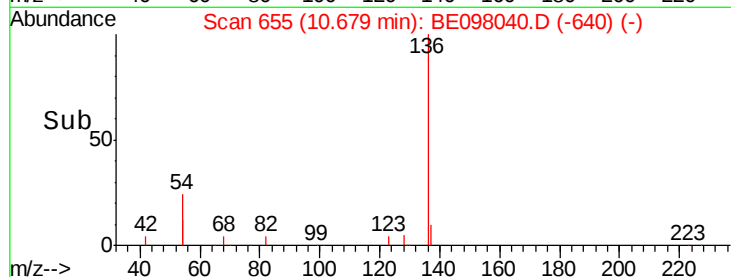


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.261 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

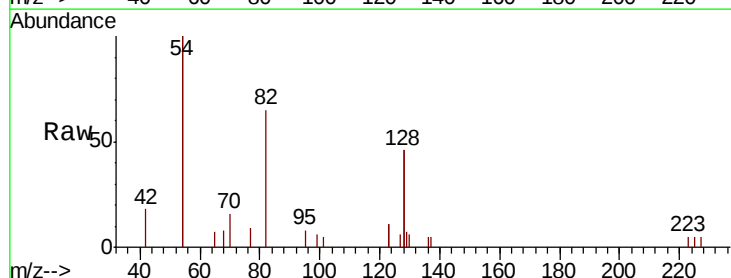
Tgt Ion: 82 Resp: 1281

Ion Ratio Lower Upper

82 100

128 139.9 129.9 194.9

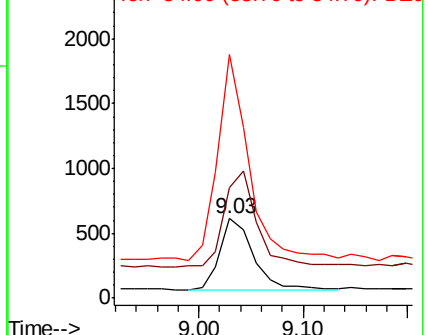
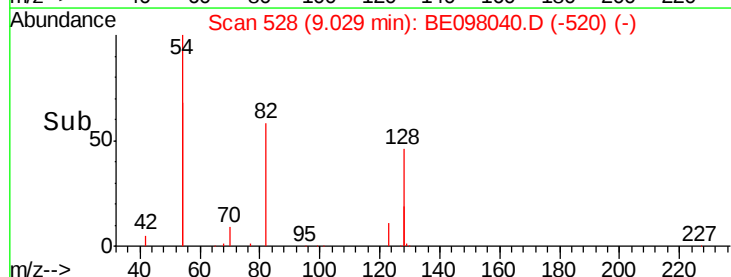
54 306.9 174.0 261.0#

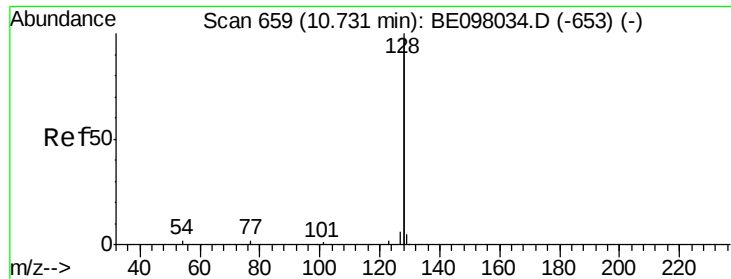


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

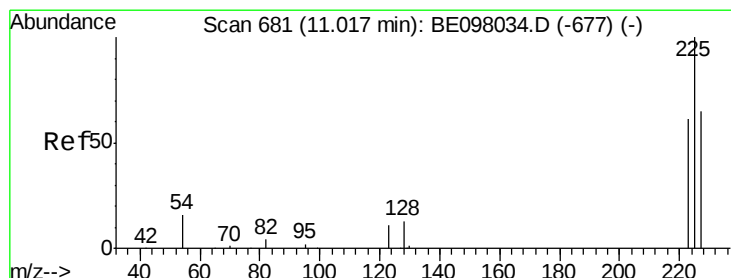
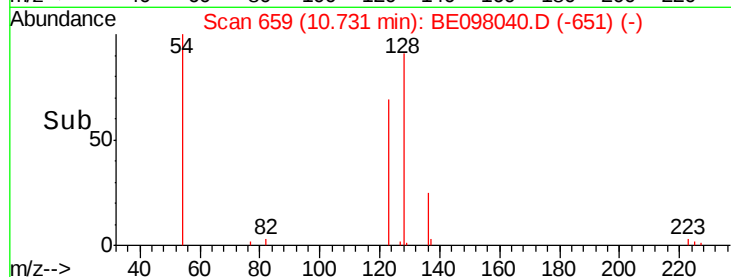
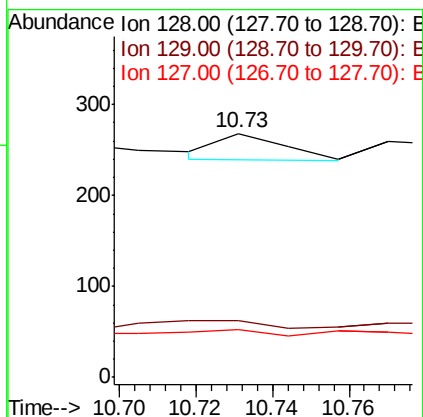
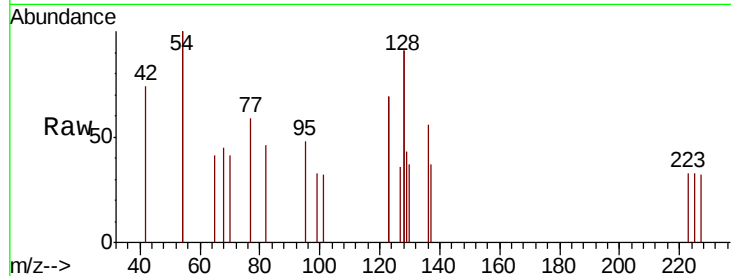




#9
Naphthalene
Concen: 0.001 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

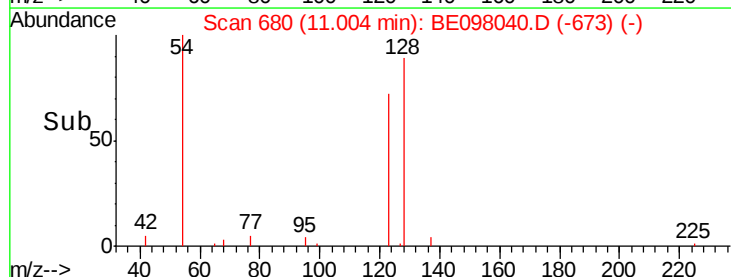
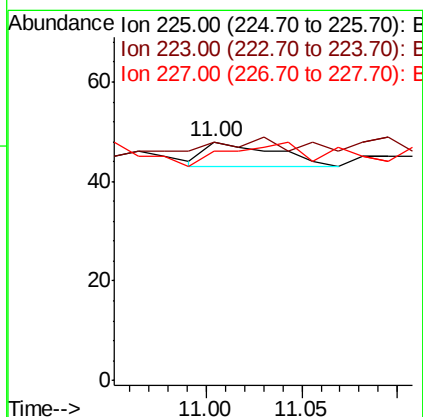
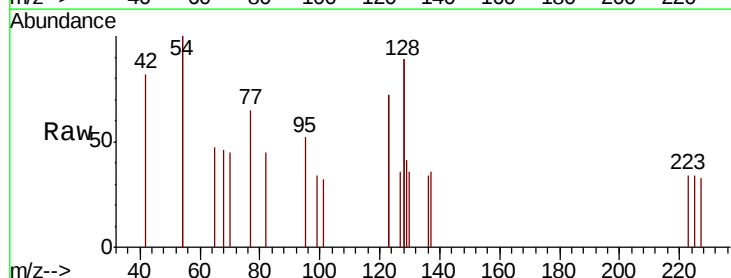
Instrument :
BNA_E
ClientSampleId :
PB114054BL

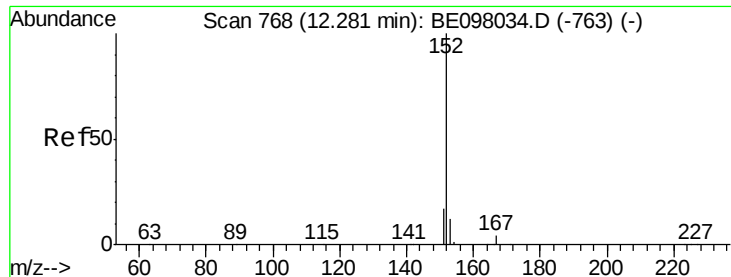
Tgt Ion:128 Resp: 35
Ion Ratio Lower Upper
128 100
129 23.5 2.5 3.7#
127 19.8 2.8 4.2#



#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:225 Resp: 12
Ion Ratio Lower Upper
225 100
223 0.0 51.8 77.8#
227 0.0 53.0 79.6#

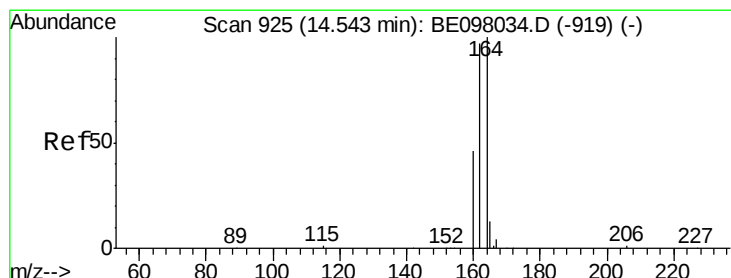
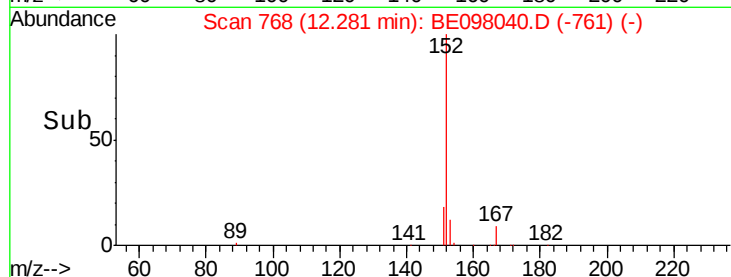
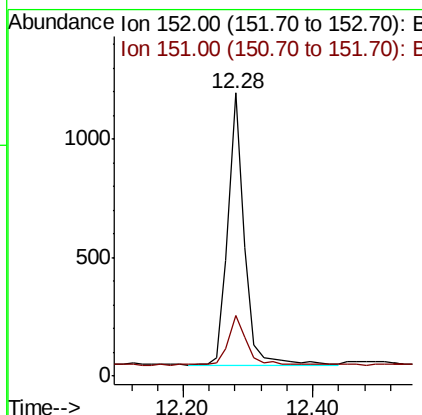
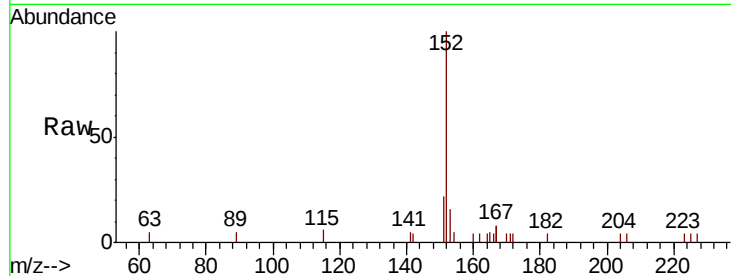




#11
 2-Methylnaphthalene-d10
 Concen: 0.248 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

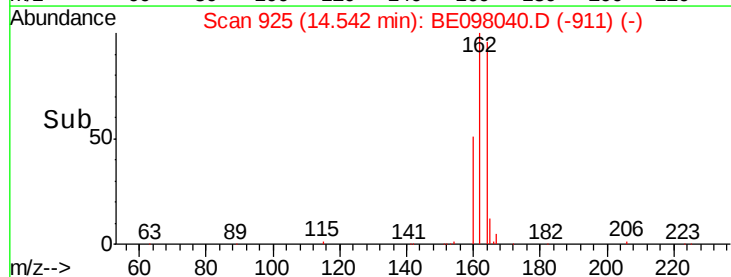
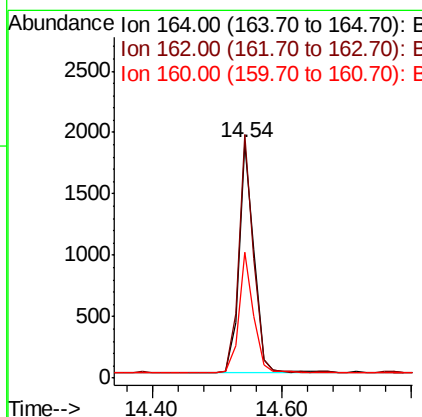
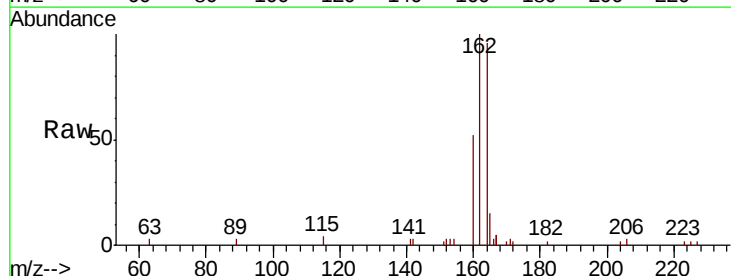
Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

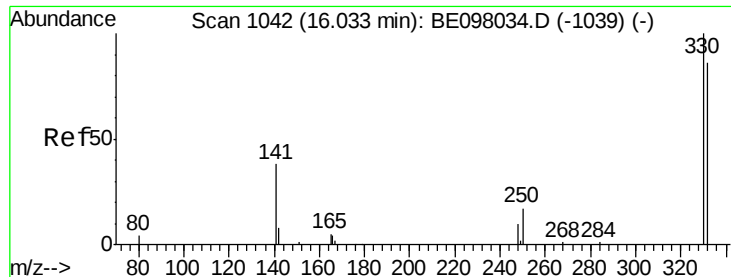
Tgt Ion:152 Resp: 2031
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Tgt Ion:164 Resp: 2975
 Ion Ratio Lower Upper
 164 100
 162 103.7 77.4 116.2
 160 53.6 36.5 54.7

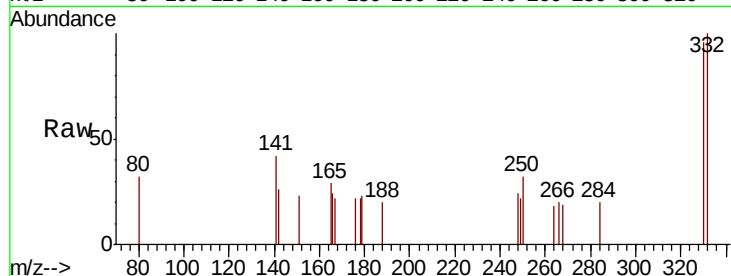




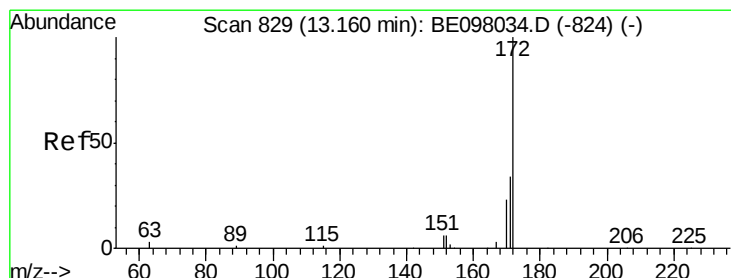
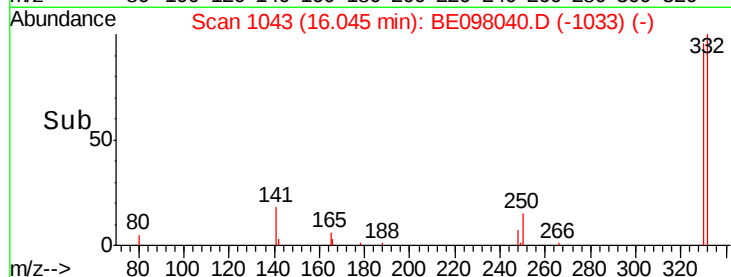
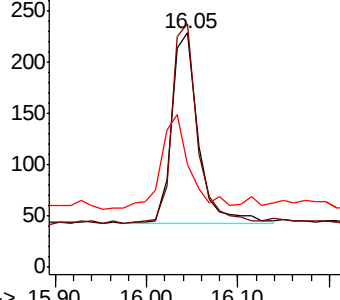
#14
 2,4,6-Tribromophenol
 Concen: 0.254 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

Tgt Ion: 330 Resp: 380
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.5 114.7
 141 52.9 31.8 47.6#

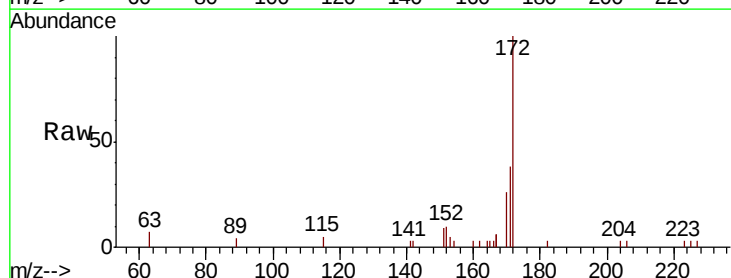


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

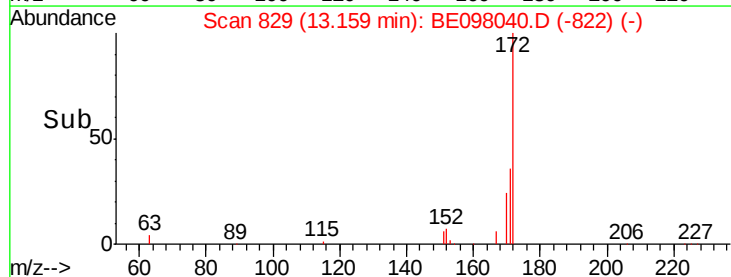
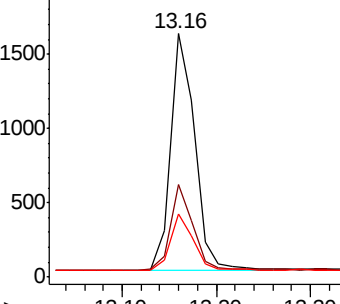


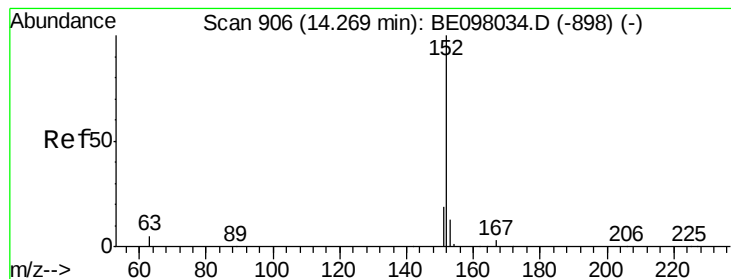
#15
 2-Fluorobiphenyl
 Concen: 0.237 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Tgt Ion: 172 Resp: 2858
 Ion Ratio Lower Upper
 172 100
 171 38.2 26.0 39.0
 170 26.2 18.0 27.0



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





#16

Acenaphthylene

Concen: 0.002 ng

RT: 14.25 min Scan# 905

Delta R.T. -0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

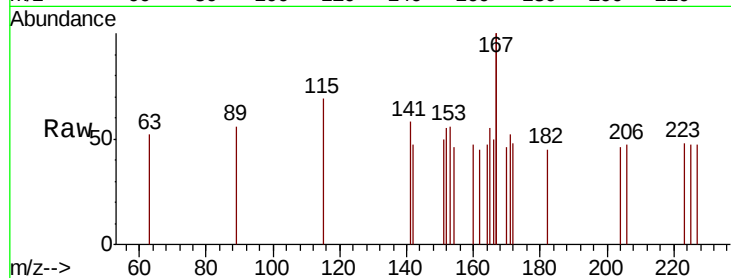
Tgt Ion:152 Resp: 24

Ion Ratio Lower Upper

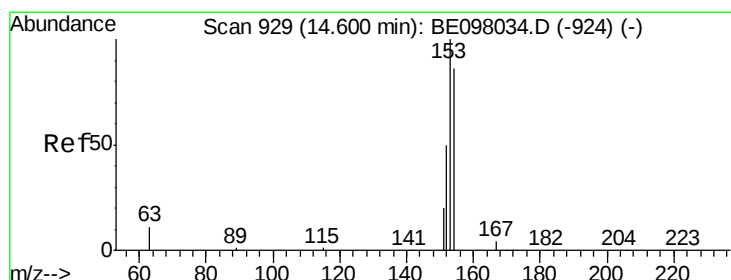
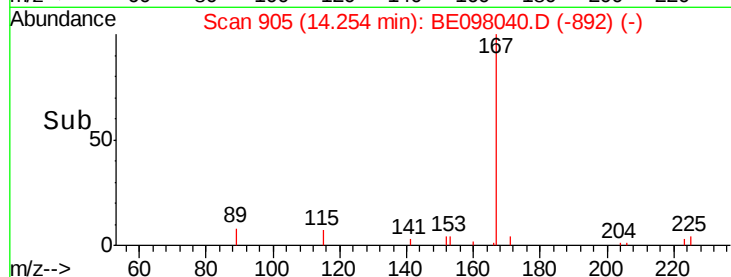
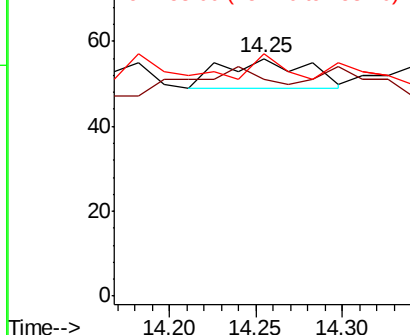
152 100

151 91.7 16.1 24.1#

153 41.7 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.001 ng

RT: 14.63 min Scan# 931

Delta R.T. 0.03 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

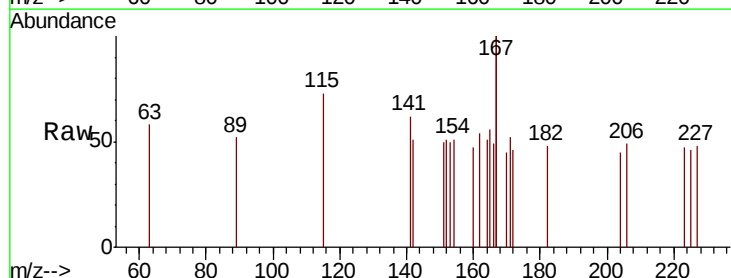
Tgt Ion:154 Resp: 7

Ion Ratio Lower Upper

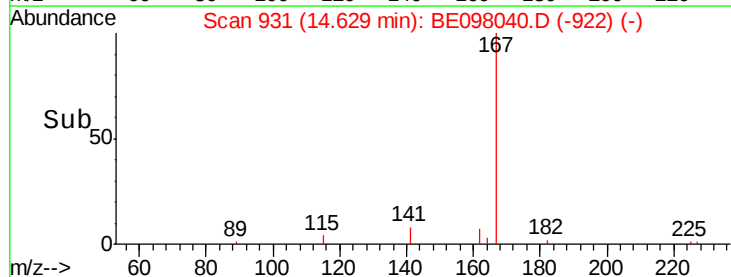
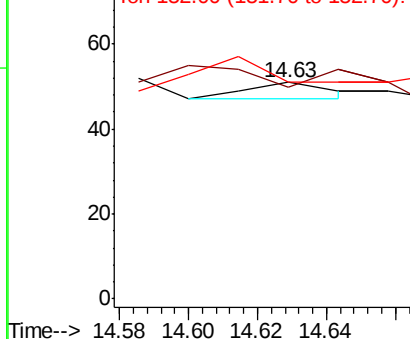
154 100

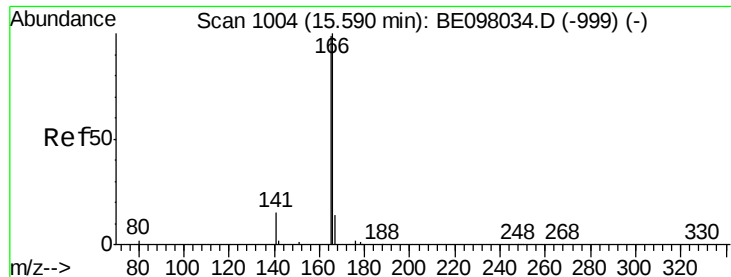
153 0.0 92.6 139.0#

152 171.4 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: 0.000 ng

RT: 15.58 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

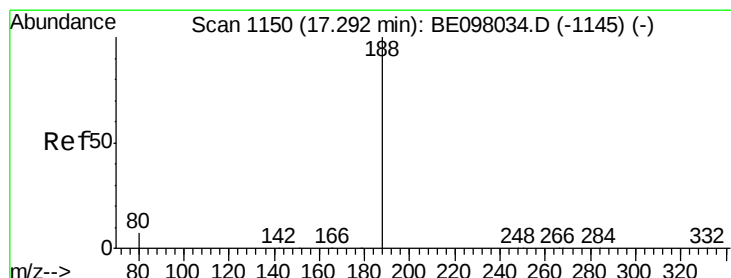
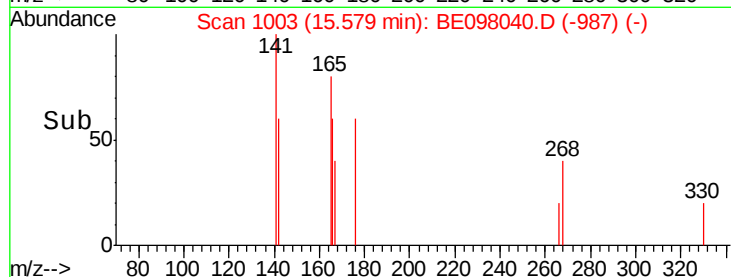
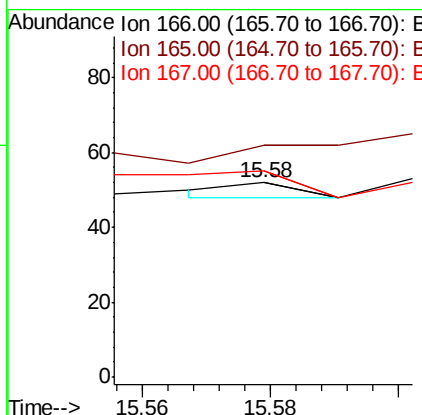
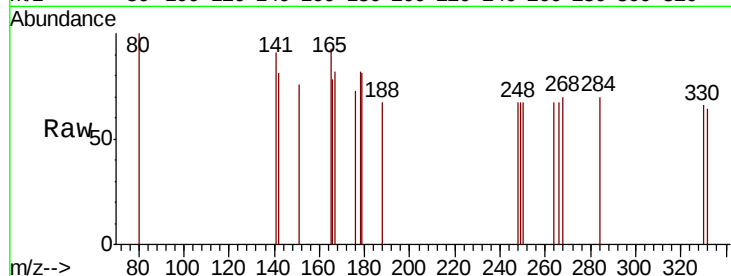
Instrument :

BNA_E

ClientSampleId :

PB114054BL

Tgt Ion:	166	Resp:	3
Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.2	117.4#
167	0.0	11.0	16.6#



#19

Phenanthrene-d10

Concen: 0.400 ng

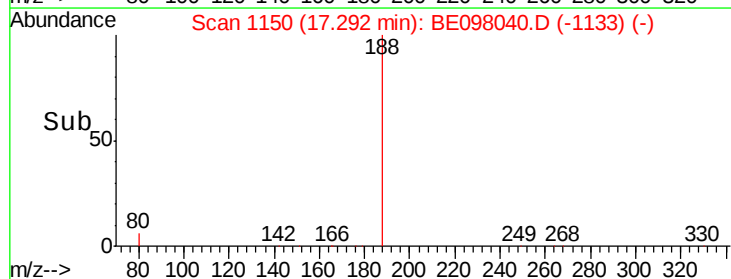
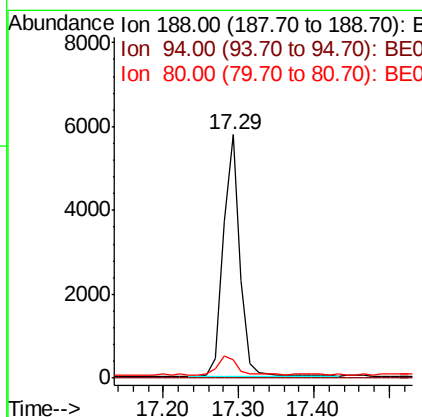
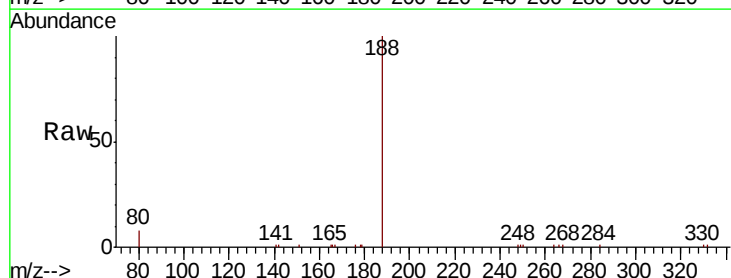
RT: 17.29 min Scan# 1150

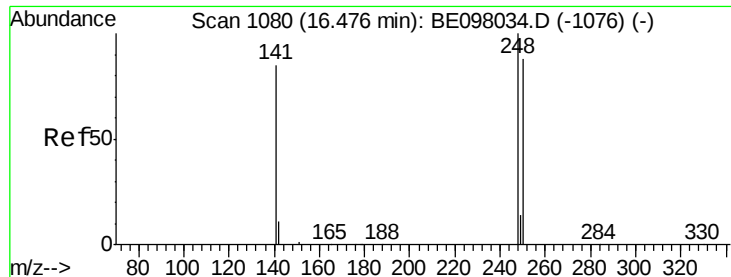
Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Tgt Ion:	188	Resp:	8883
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.3	9.5

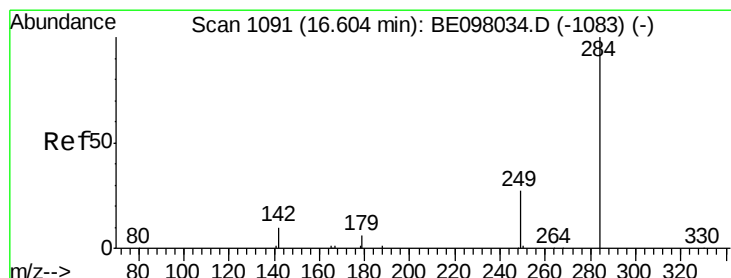
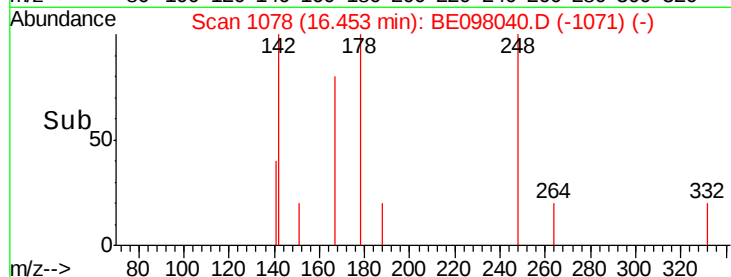
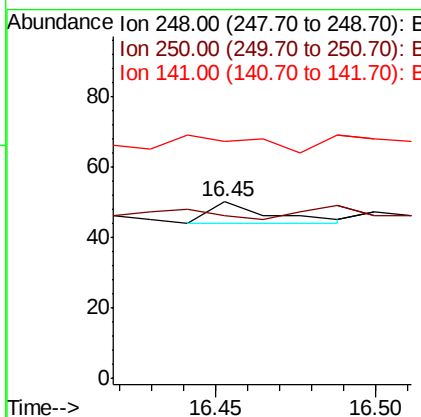
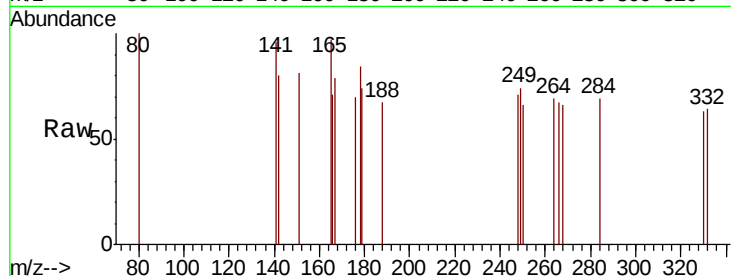




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

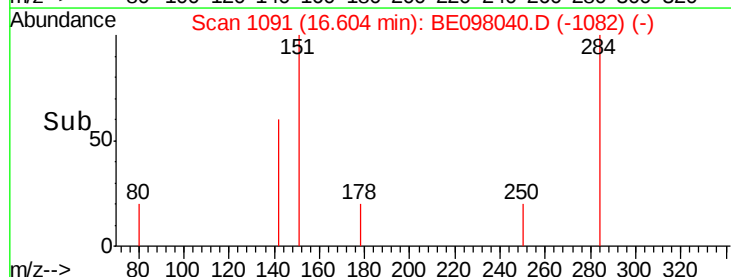
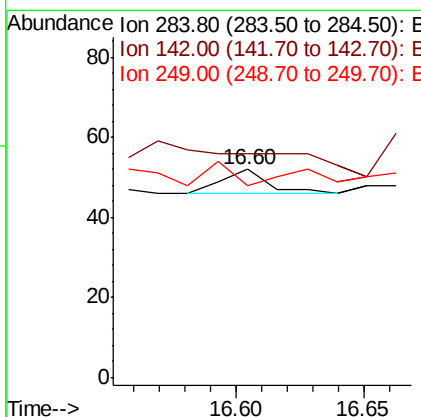
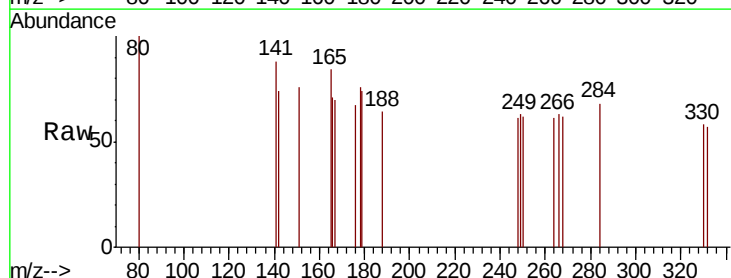
Instrument :
BNA_E
ClientSampleId :
PB114054BL

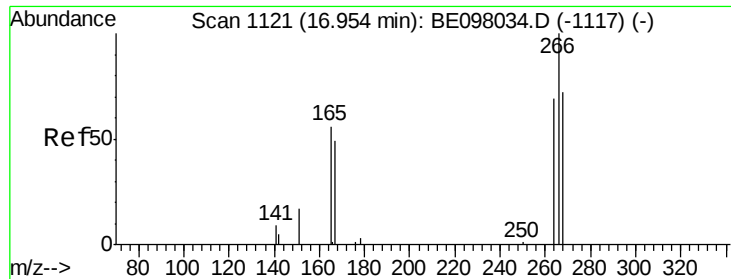
Tgt Ion: 248 Resp: 8
Ion Ratio Lower Upper
248 100
250 92.0 75.1 112.7
141 134.0 51.8 77.8#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 284 Resp: 8
Ion Ratio Lower Upper
284 100
142 0.0 25.9 38.9#
249 75.0 26.6 40.0#

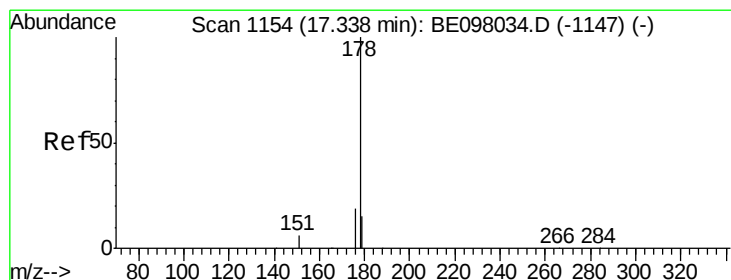
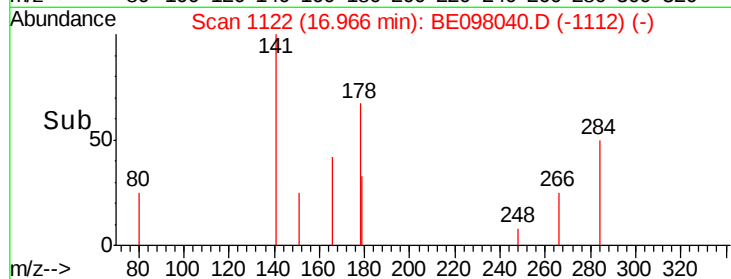
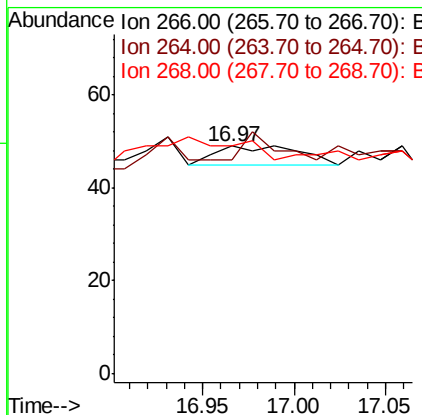
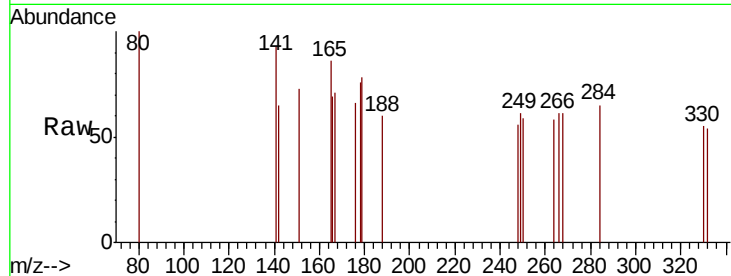




#22
 Pentachlorophenol
 Concen: 0.028 ng
 RT: 16.97 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

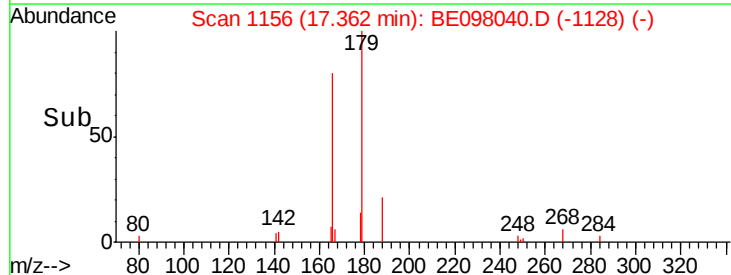
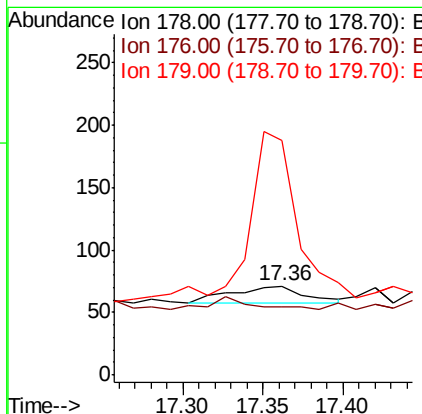
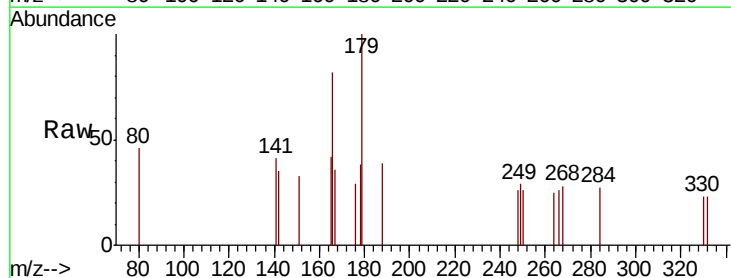
Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

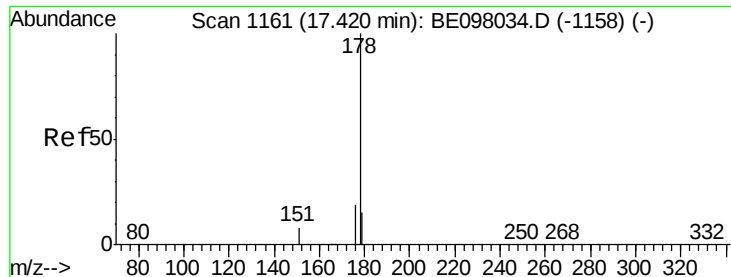
Tgt Ion: 266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 93.9 51.3 76.9#
 268 100.0 50.1 75.1#



#23
 Phenanthrene
 Concen: 0.002 ng
 RT: 17.36 min Scan# 1156
 Delta R.T. 0.02 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Tgt Ion: 178 Resp: 42
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.5 23.3#
 179 704.8 12.2 18.4#

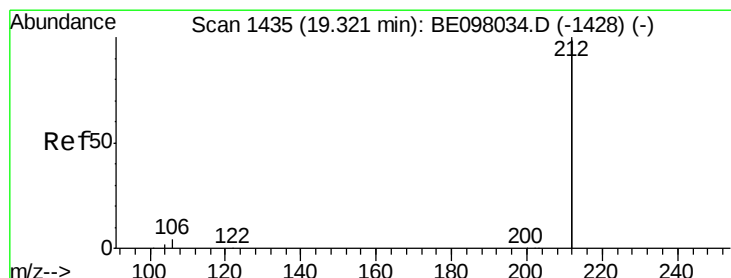
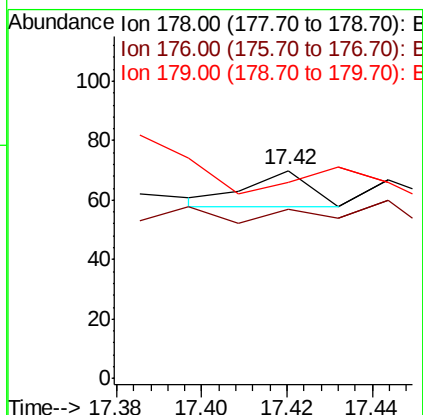
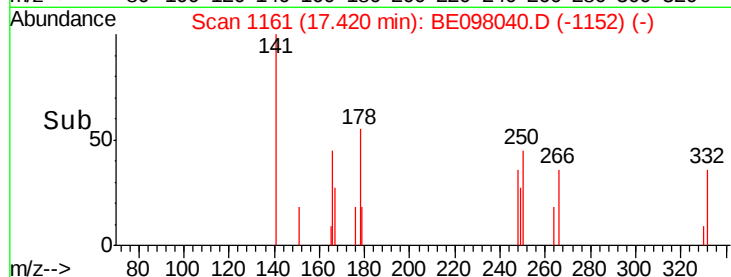
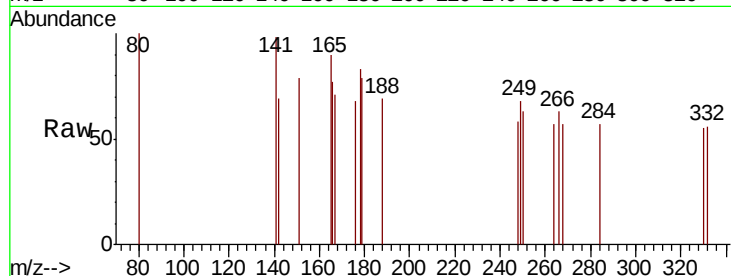




#24
 Anthracene
 Concen: 0.001 ng
 RT: 17.42 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

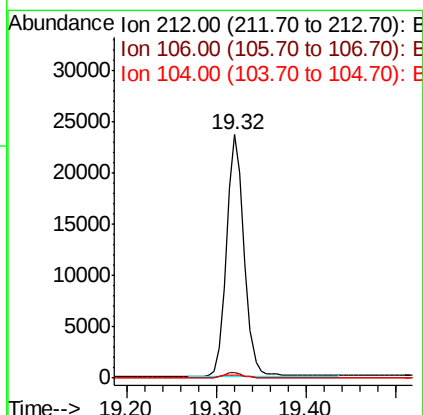
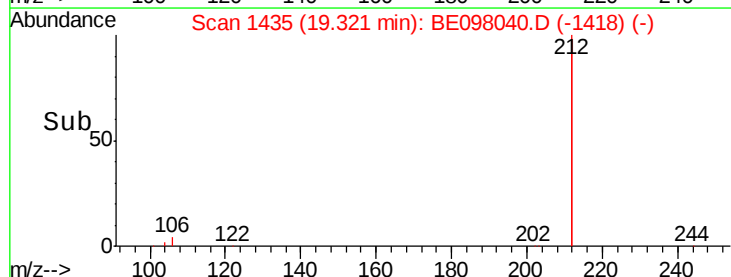
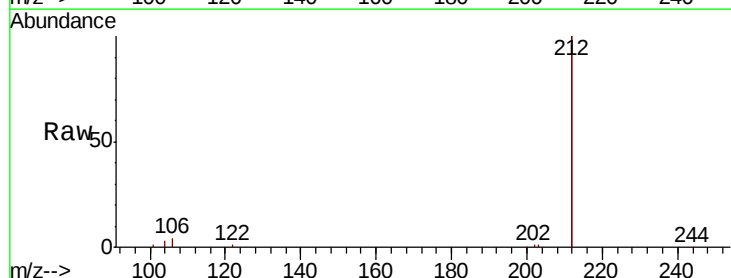
Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

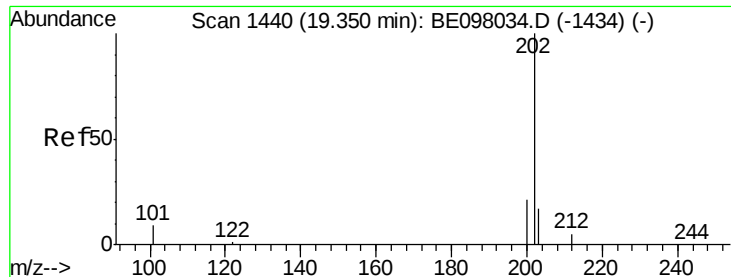
Tgt Ion:178 Resp: 12
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 0.0 11.9 17.9#



#25
 Fluoranthene-d10
 Concen: 0.279 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Tgt Ion:212 Resp: 31753
 Ion Ratio Lower Upper
 212 100
 106 2.1 2.3 3.5#
 104 1.2 1.3 1.9#





#26

Fluoranthene

Concen: 0.001 ng

RT: 19.36 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

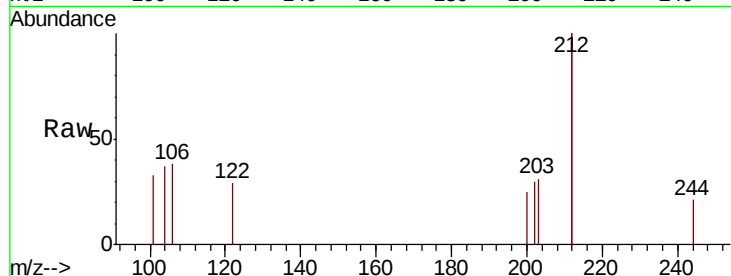
Tgt Ion:202 Resp: 20

Ion Ratio Lower Upper

202 100

101 0.0 8.2 12.2#

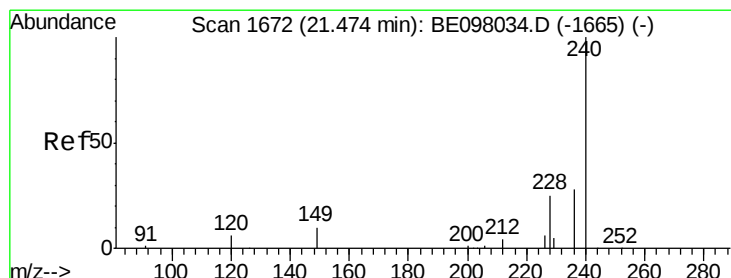
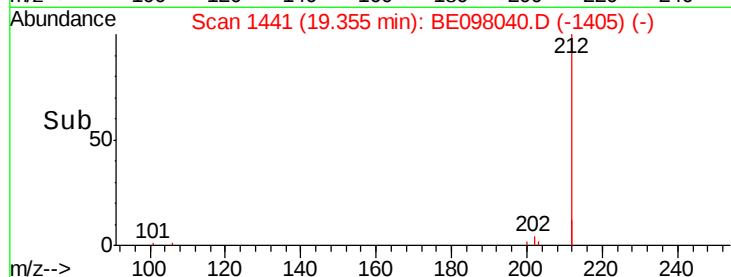
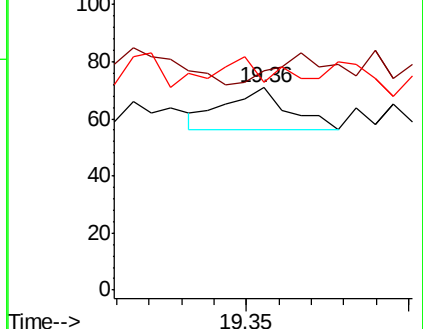
203 65.0 15.0 22.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

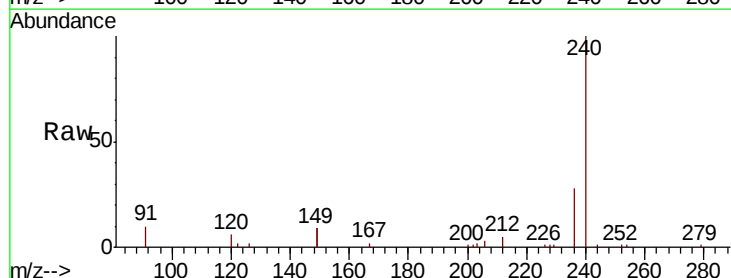
Tgt Ion:240 Resp: 11496

Ion Ratio Lower Upper

240 100

120 6.5 7.1 10.7#

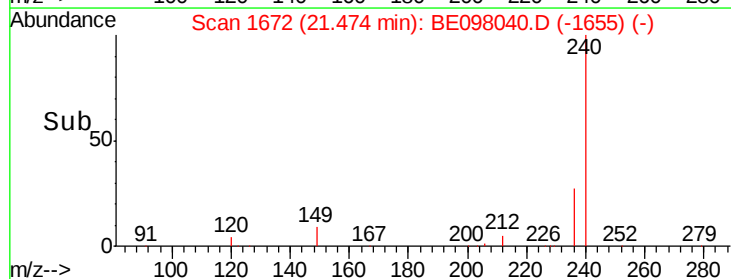
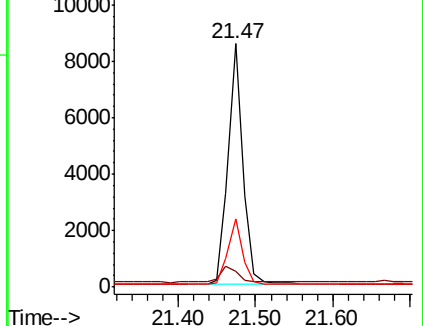
236 28.0 21.3 31.9

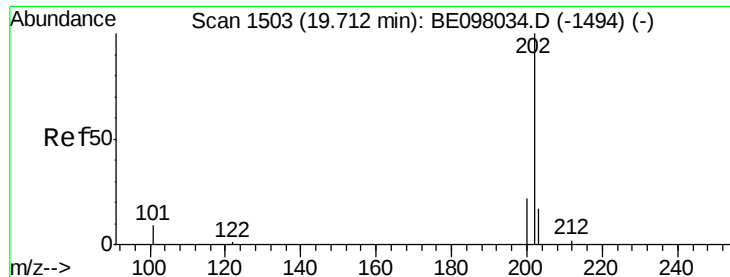


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.001 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

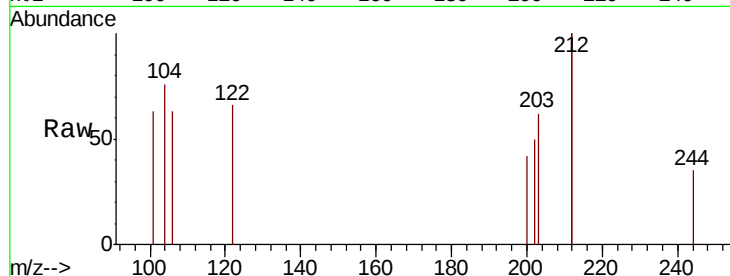
Tgt Ion: 202 Resp: 34

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

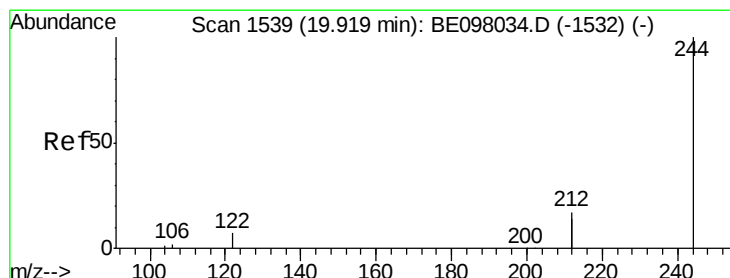
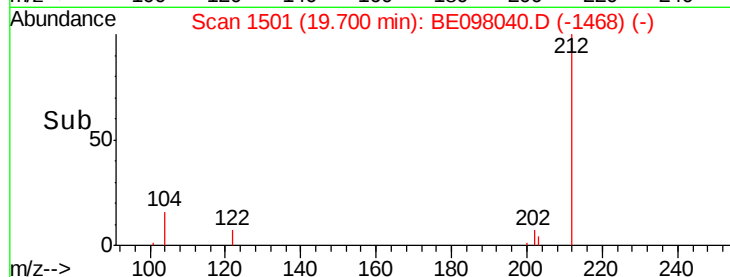
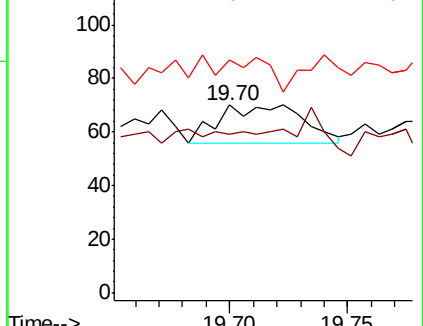
203 0.0 14.2 21.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.344 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

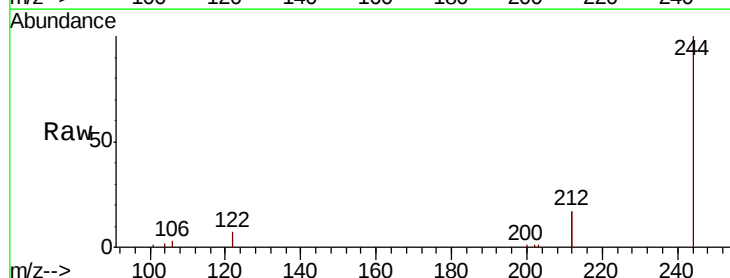
Tgt Ion: 244 Resp: 9308

Ion Ratio Lower Upper

244 100

212 34.5 26.2 39.2

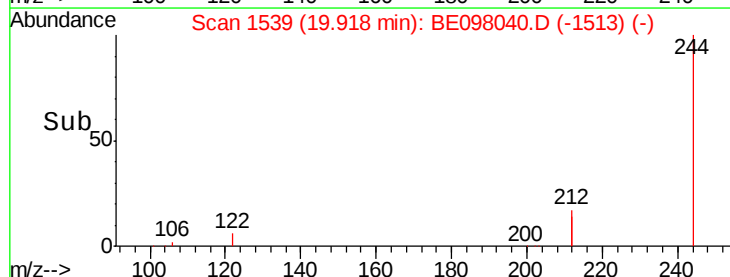
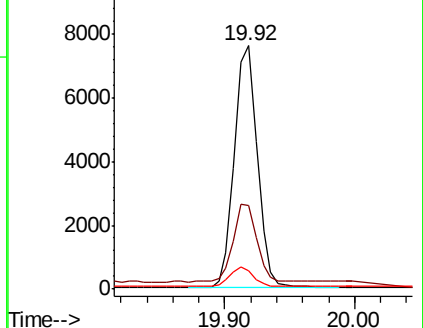
122 7.4 7.7 11.5#

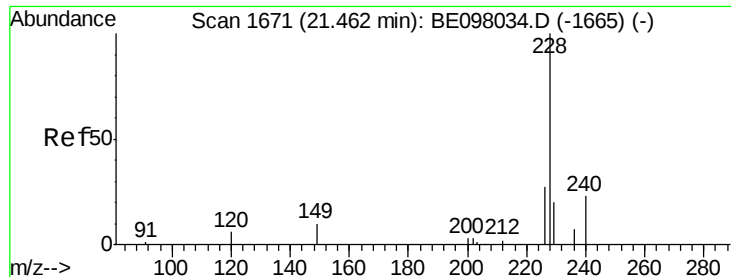


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.47 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

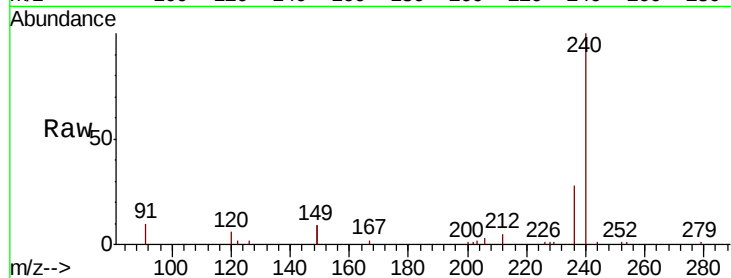
Tgt Ion:228 Resp: 102

Ion Ratio Lower Upper

228 100

226 67.5 22.6 33.8#

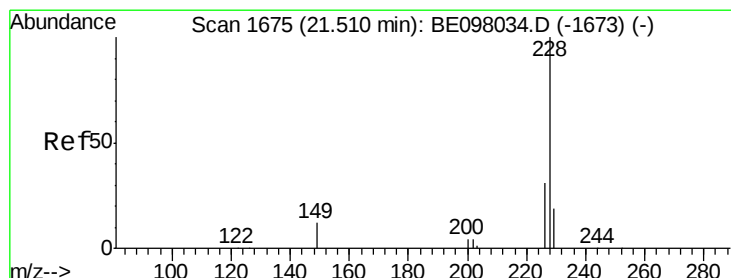
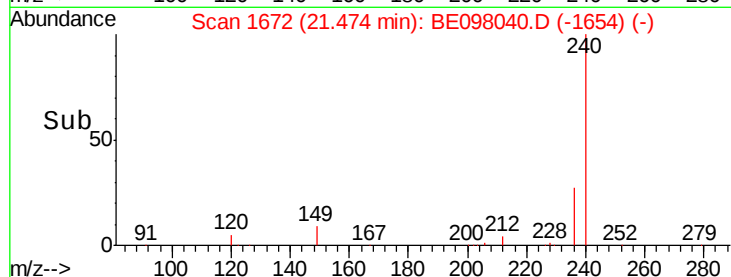
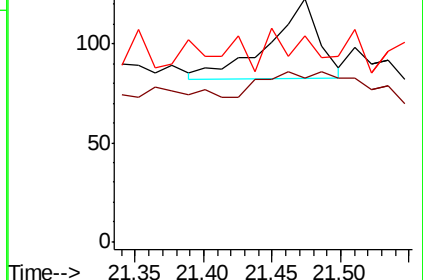
229 84.6 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.002 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.04 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

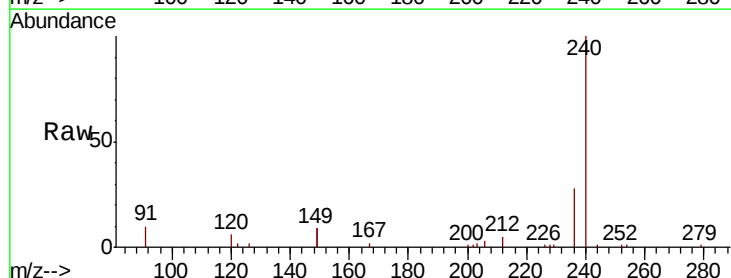
Tgt Ion:228 Resp: 59

Ion Ratio Lower Upper

228 100

226 67.5 24.3 36.5#

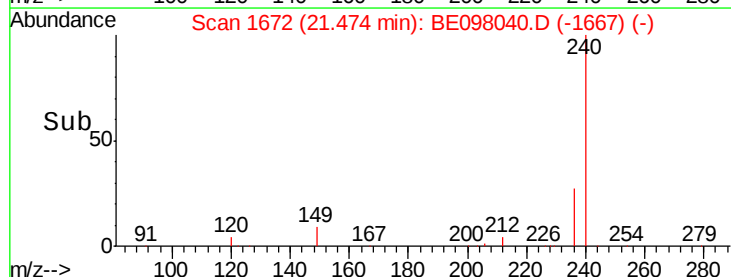
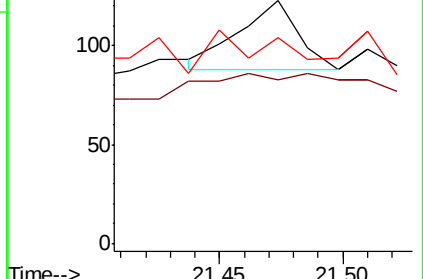
229 84.6 17.3 25.9#

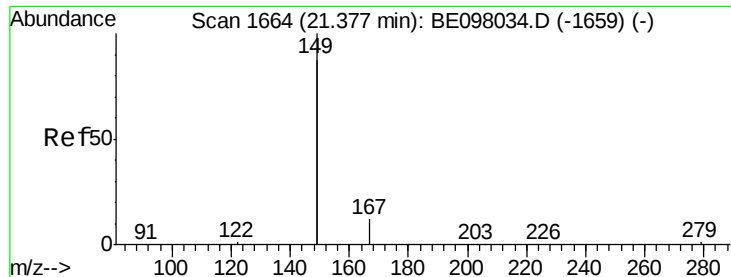


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.015 ng

RT: 21.38 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

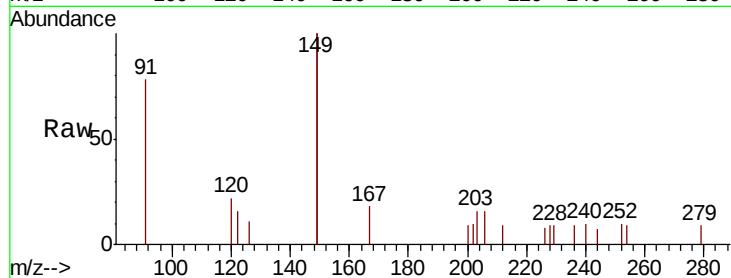
Tgt Ion:149 Resp: 1190

Ion Ratio Lower Upper

149 100

167 8.2 5.6 8.4

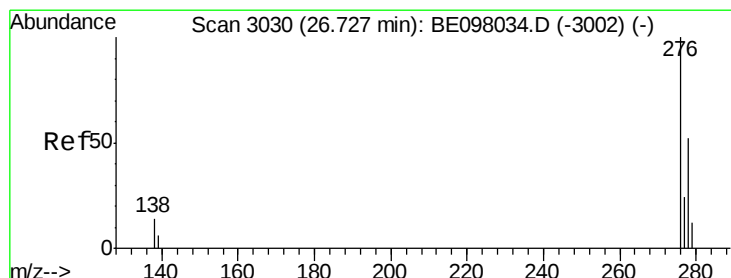
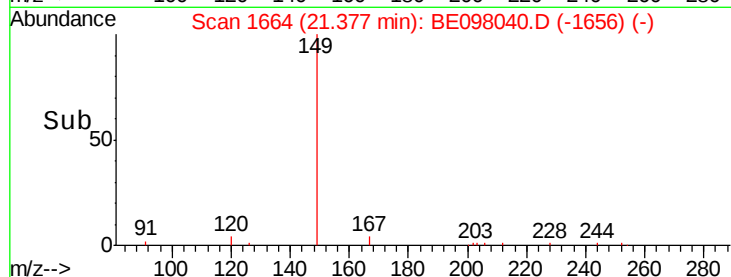
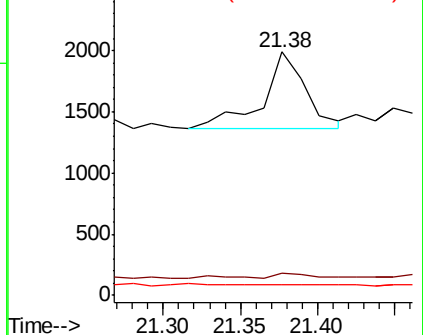
279 0.0 0.9 1.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.02 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

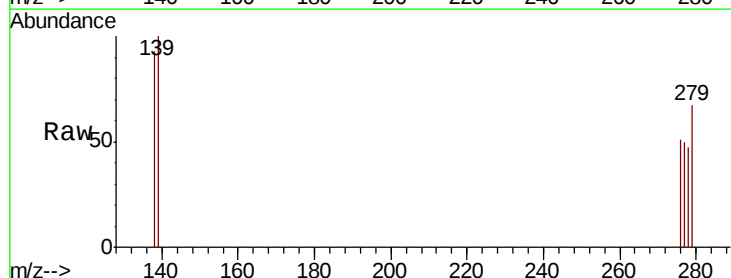
Tgt Ion:276 Resp: 8

Ion Ratio Lower Upper

276 100

138 212.5 17.0 25.6#

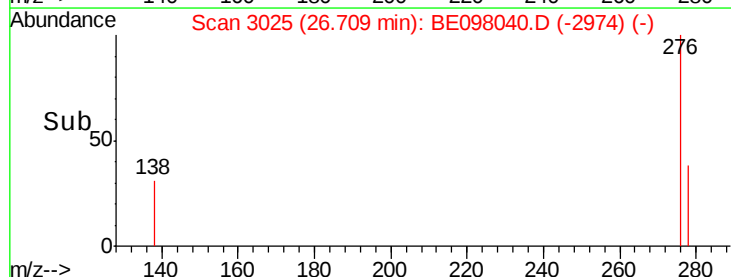
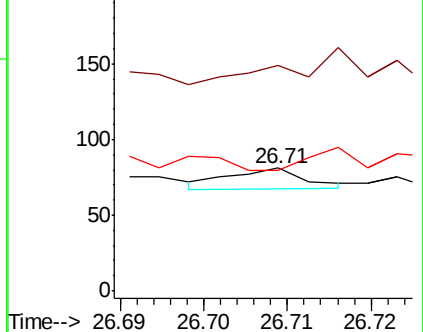
277 87.5 20.5 30.7#

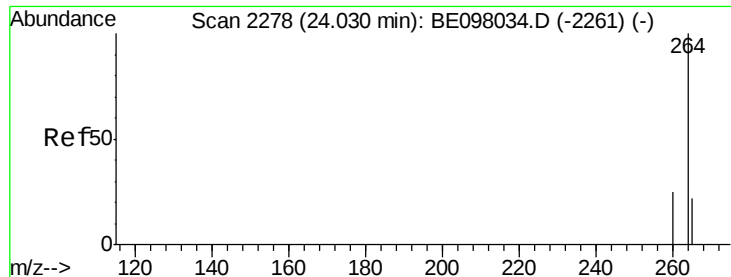


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

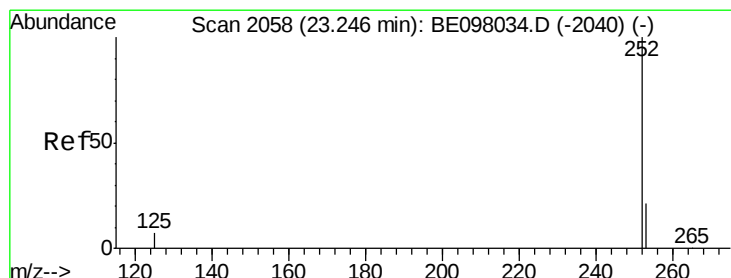
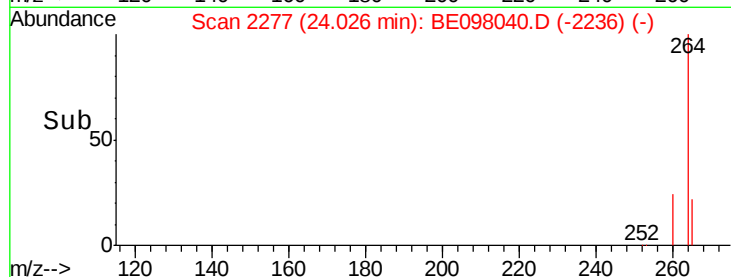
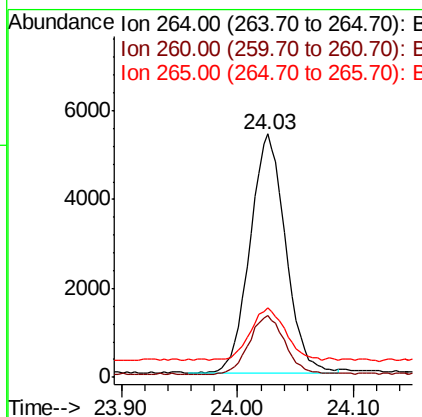
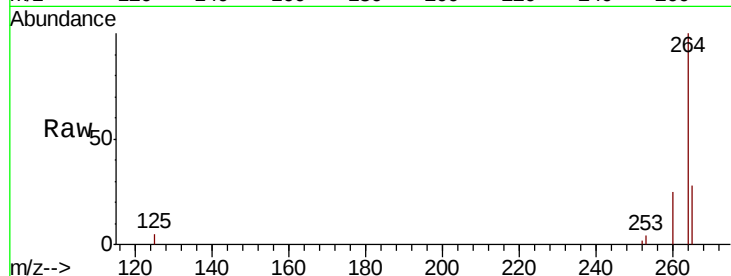




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

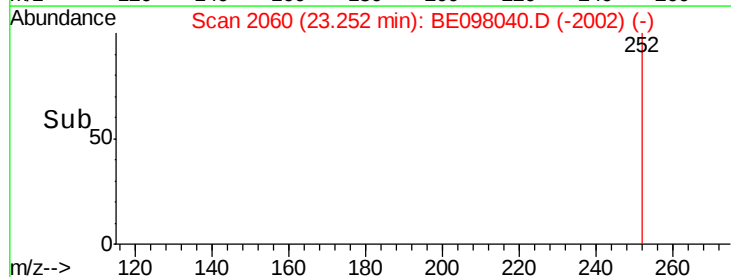
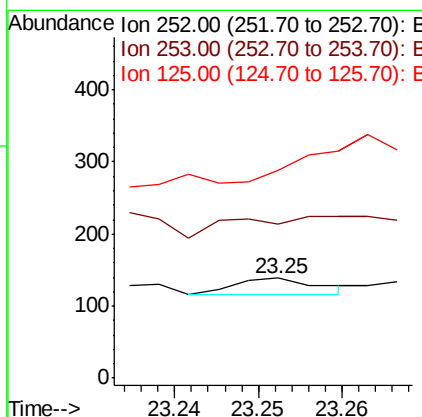
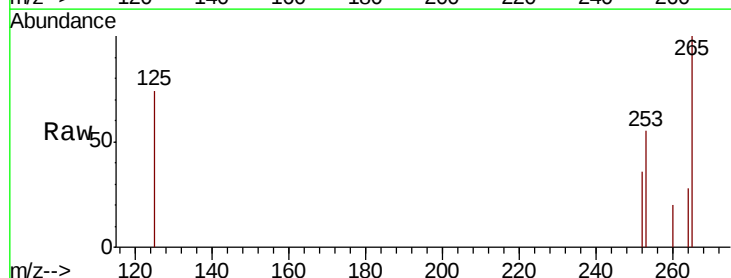
Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

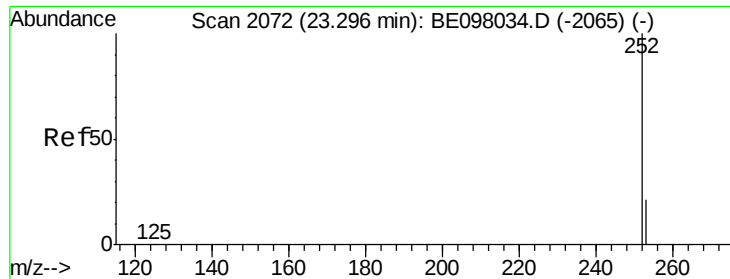
Tgt Ion: 264 Resp: 11469
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.1 31.7
 265 28.5 29.2 43.8#



#35
 Benzo(b)fluoranthene
 Concen: 0.001 ng
 RT: 23.25 min Scan# 2060
 Delta R.T. 0.01 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Tgt Ion: 252 Resp: 16
 Ion Ratio Lower Upper
 252 100
 253 153.2 20.6 31.0#
 125 207.2 14.3 21.5#

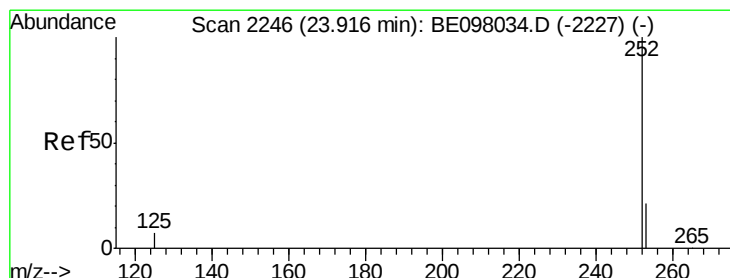
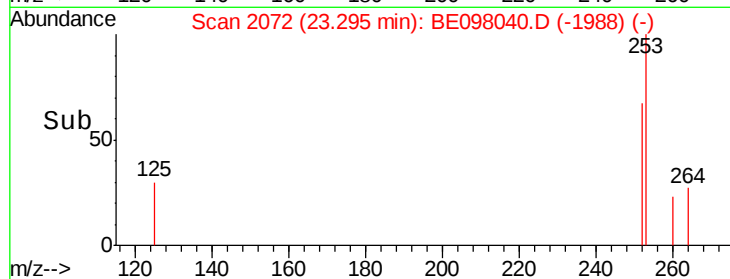
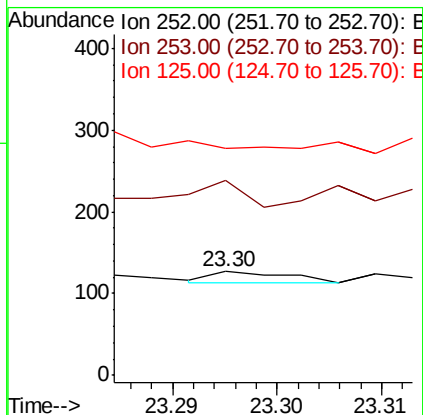
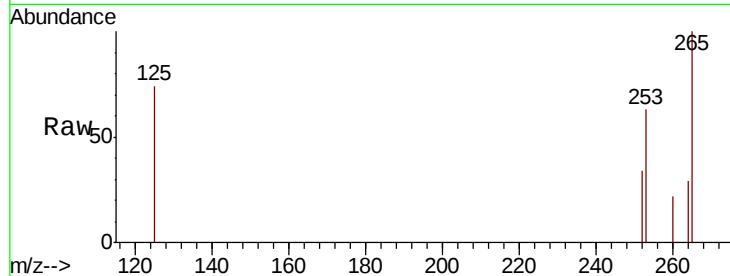




#36
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

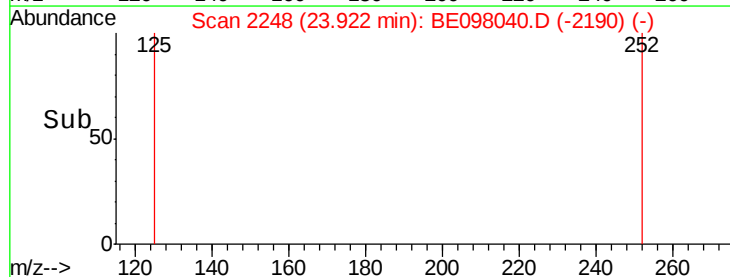
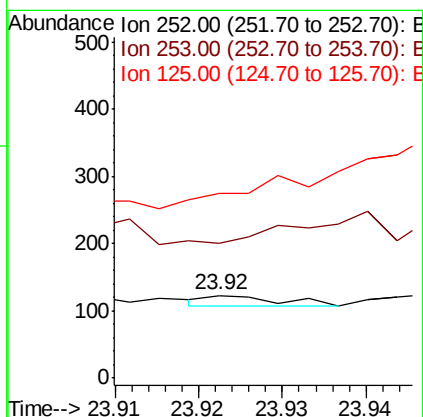
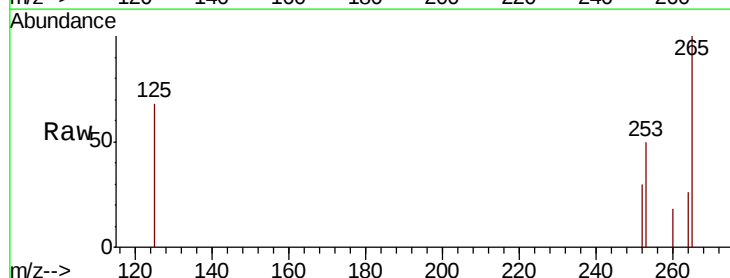
Instrument :
BNA_E
ClientSampleId :
PB114054BL

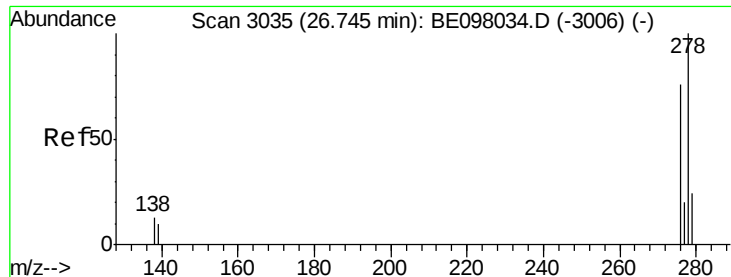
Tgt Ion: 252 Resp: 7
Ion Ratio Lower Upper
252 100
253 188.2 20.4 30.6#
125 218.9 14.6 21.8#



#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.92 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 252 Resp: 9
Ion Ratio Lower Upper
252 100
253 163.4 20.6 31.0#
125 222.8 15.6 23.4#





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.74 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

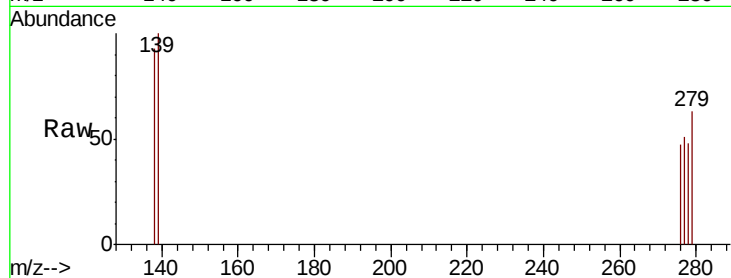
Tgt Ion: 278 Resp: 7

Ion Ratio Lower Upper

278 100

139 208.8 16.3 24.5#

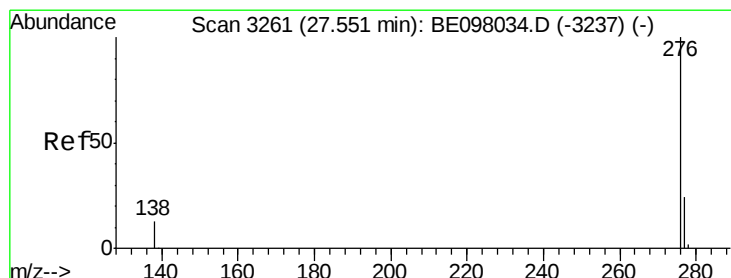
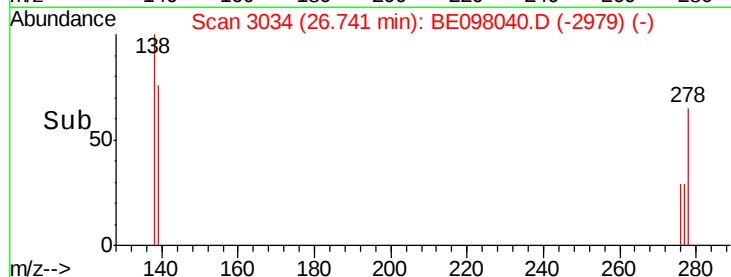
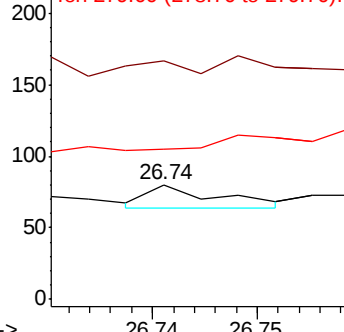
279 131.3 21.4 32.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.54 min Scan# 3258

Delta R.T. -0.01 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

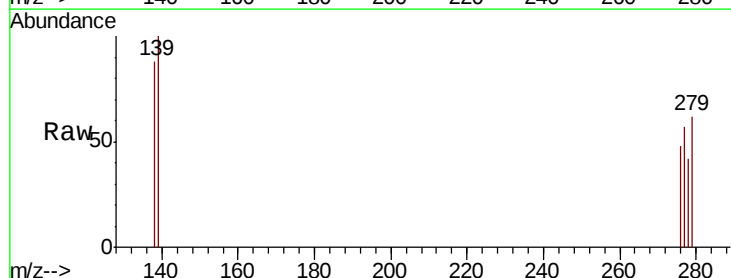
Tgt Ion: 276 Resp: 7

Ion Ratio Lower Upper

276 100

277 118.8 22.1 33.1#

138 183.8 19.3 28.9#



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

