

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
 Data File : BE098238.D
 Acq On : 16 Nov 2018 20:21
 Operator : SJ/JU
 Sample : J5957-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 W-2

Quant Time: Nov 16 22:53:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1337	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6632	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4402	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10265	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11233	0.40	ng	0.00
34) Perylene-d12	24.01	264	10763	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	451	0.13	ng	0.00
5) Phenol-d6	7.03	99	532	0.09	ng	0.00
8) Nitrobenzene-d5	9.02	82	1787	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3066	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	569	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	4897	0.26	ng	0.00
25) Fluoranthene-d10	19.31	212	32411	0.26	ng	0.00
29) Terphenyl-d14	19.91	244	5719	0.22	ng	0.00

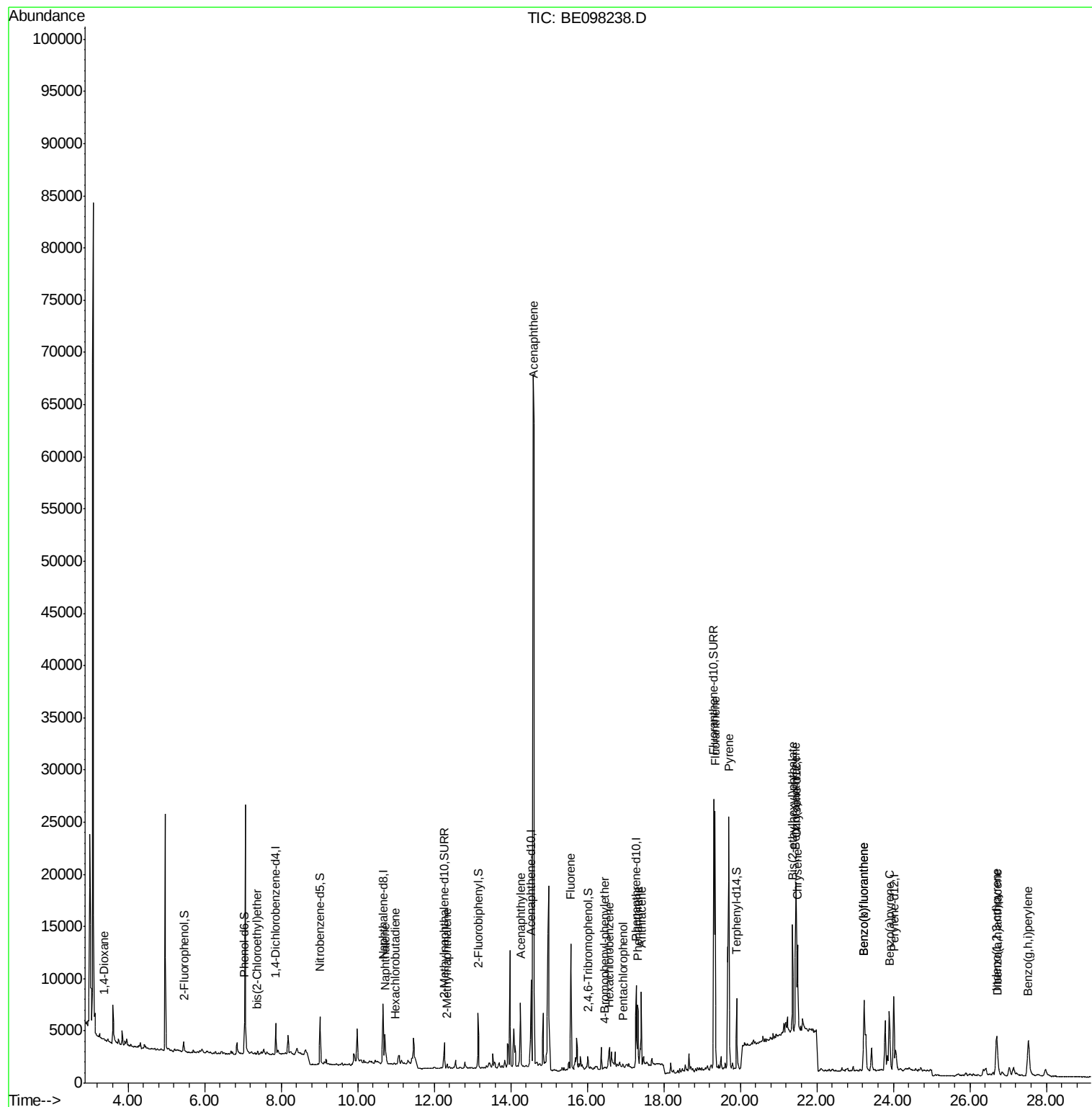
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	86	0.041	ng	# 1
6) bis(2-Chloroethyl)ether	7.37	93	20	0.004	ng	# 1
9) Naphthalene	10.72	128	4373	0.065	ng	# 92
10) Hexachlorobutadiene	10.99	225	11	0.003	ng	# 42
12) 2-Methylnaphthalene	12.34	142	315	0.026	ng	# 90
16) Acenaphthylene	14.25	152	3465	0.165	ng	# 88
17) Acenaphthene	14.60	154	40155	3.209	ng	# 99
18) Fluorene	15.57	166	8990	0.564	ng	# 94
20) 4-Bromophenyl-phenylether	16.46	248	24	0.004	ng	# 31
21) Hexachlorobenzene	16.57	284	9	0.001	ng	# 1
22) Pentachlorophenol	16.94	266	45	0.135	ng	# 77
23) Phenanthrene	17.31	178	6942	0.263	ng	# 98
24) Anthracene	17.41	178	7762	0.324	ng	# 97
26) Fluoranthene	19.34	202	22883	0.722	ng	# 98
28) Pyrene	19.70	202	22373	0.681	ng	# 94
30) Benzo(a)anthracene	21.45	228	9868	0.304	ng	# 89
31) Chrysene	21.50	228	7620	0.228	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.37	149	12413	0.245	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.70	276	7989	0.279	ng	# 93
35) Benzo(b)fluoranthene	23.23	252	12917	0.425	ng	# 92
36) Benzo(k)fluoranthene	23.23	252	12917	0.376	ng	# 89
37) Benzo(a)pyrene	23.90	252	9689	0.325	ng	# 94
38) Dibenzo(a,h)anthracene	26.72	278	2025	0.085	ng	# 67
39) Benzo(g,h,i)perylene	27.53	276	9737	0.378	ng	# 95

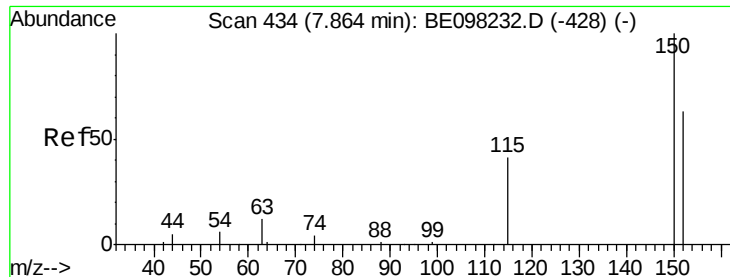
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

W-2

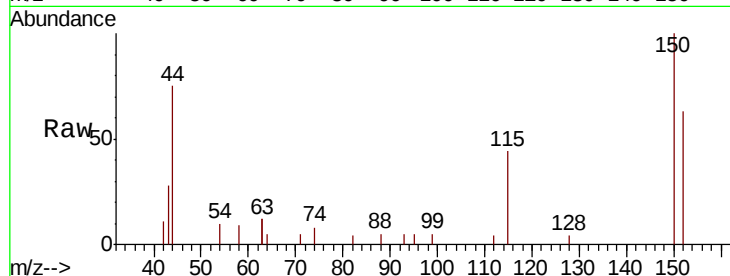
Tgt Ion: 152 Resp: 1337

Ion Ratio Lower Upper

152 100

150 159.4 127.5 191.3

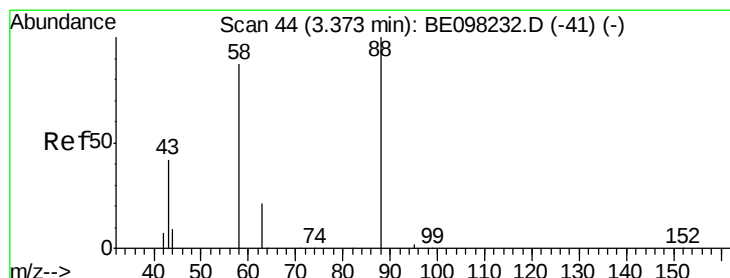
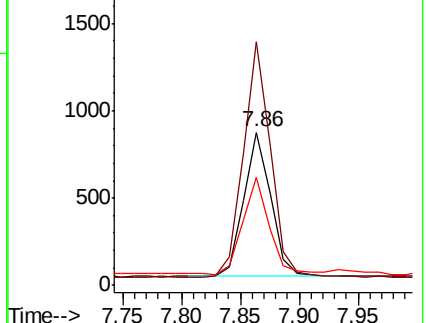
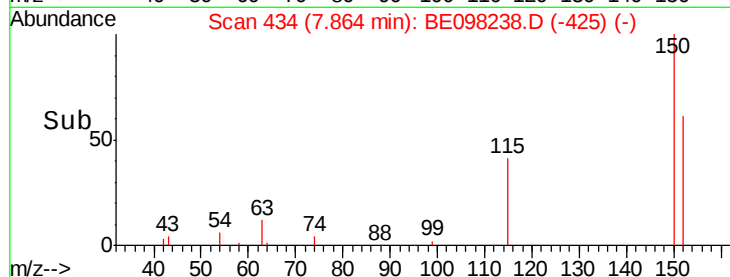
115 70.6 60.3 90.5



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: 0.041 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

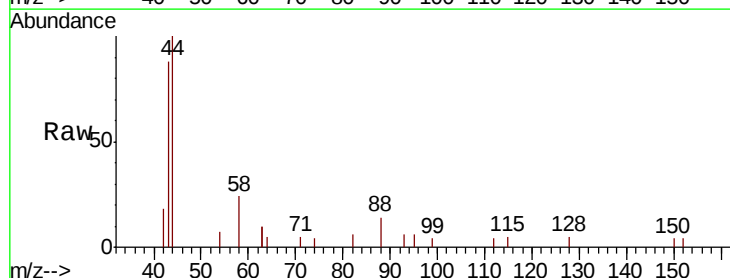
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

58 112.8 79.0 118.4

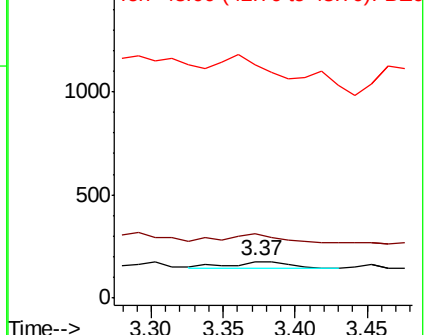
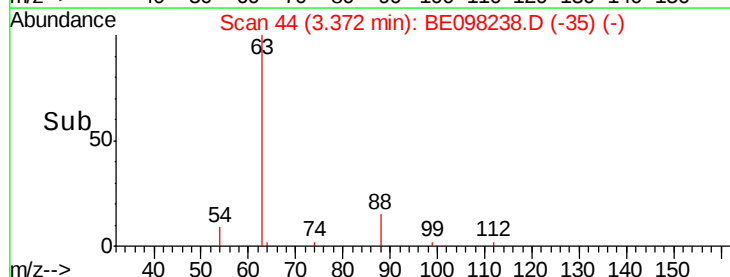
43 430.2 38.1 57.1#

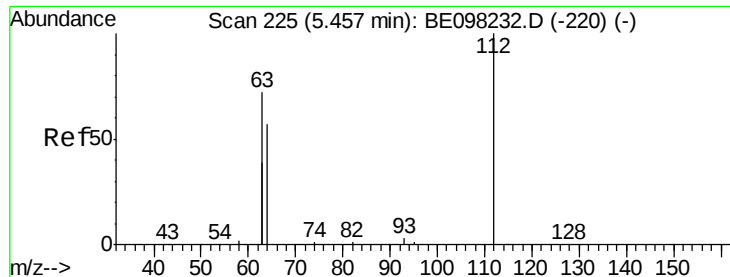


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampled :

W-2

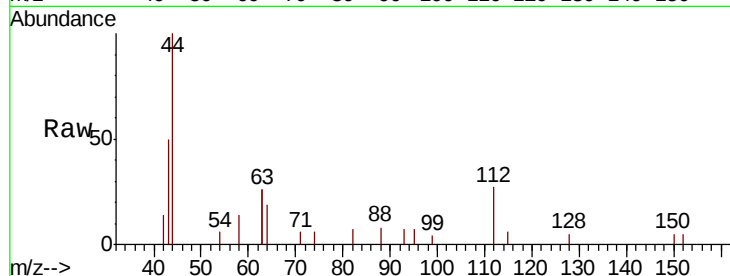
Tgt Ion: 112 Resp: 451

Ion Ratio Lower Upper

112 100

64 81.2 61.7 92.5

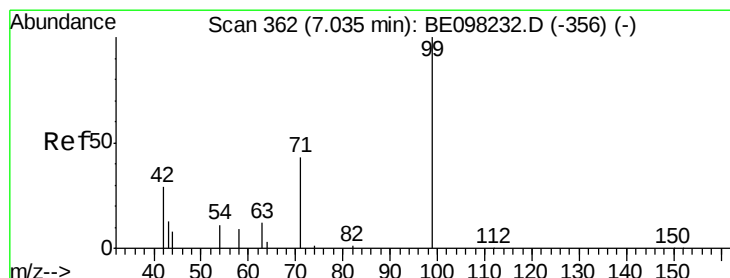
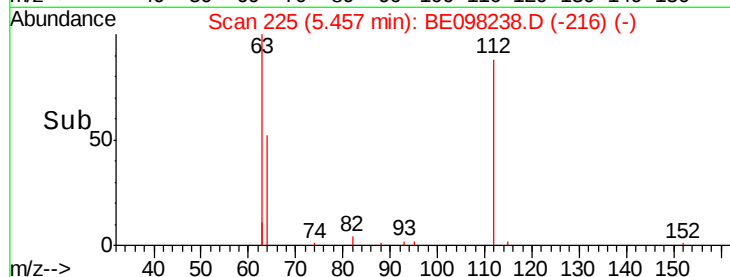
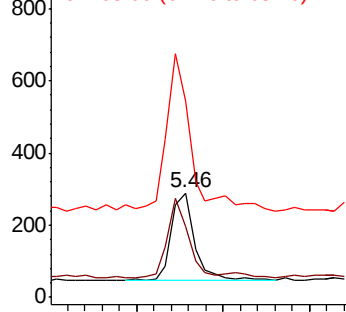
63 186.9 136.2 204.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.094 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

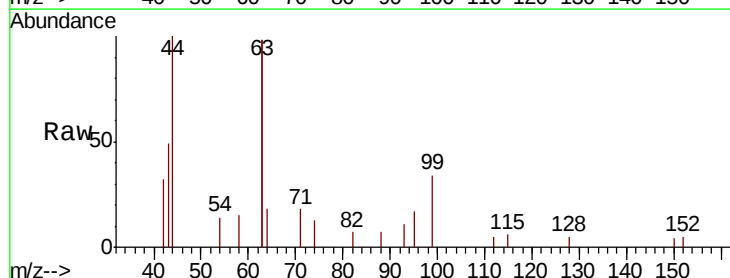
Tgt Ion: 99 Resp: 532

Ion Ratio Lower Upper

99 100

42 252.8 27.1 40.7#

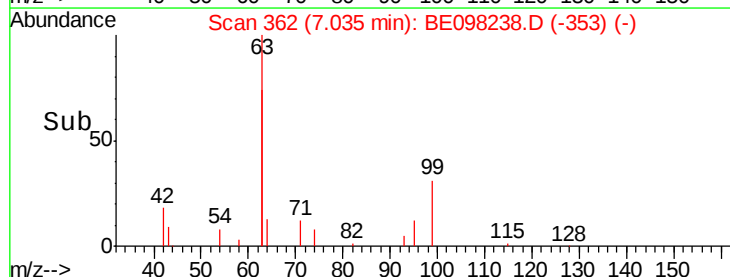
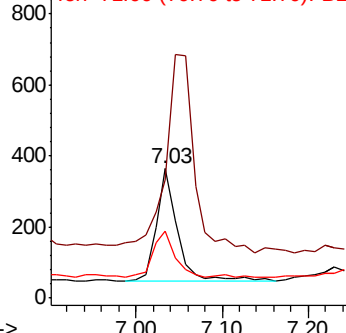
71 43.4 37.0 55.6

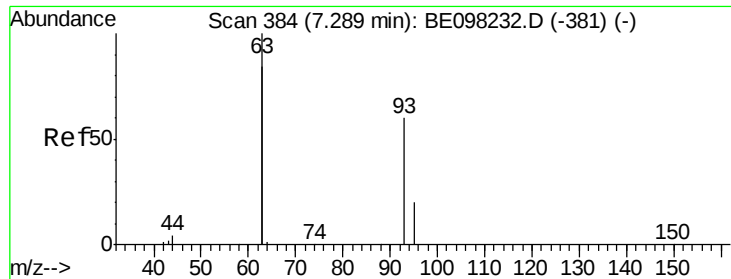


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 7.37 min Scan# 391

Delta R.T. 0.08 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

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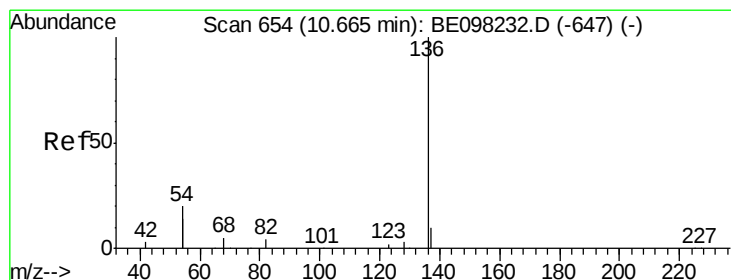
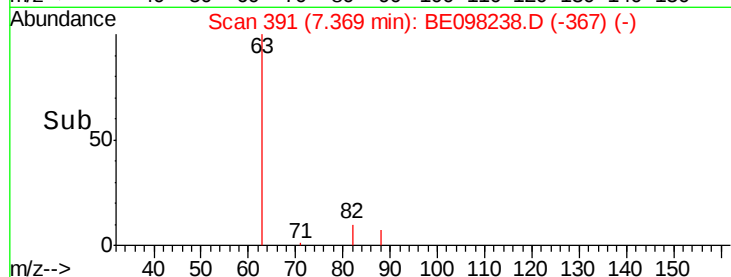
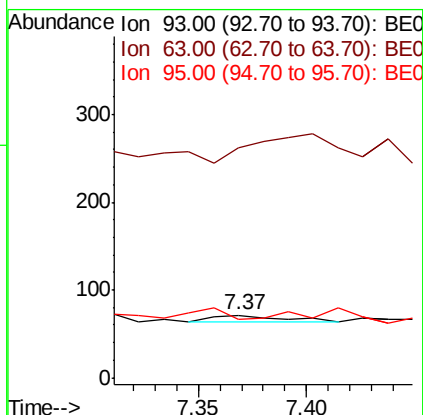
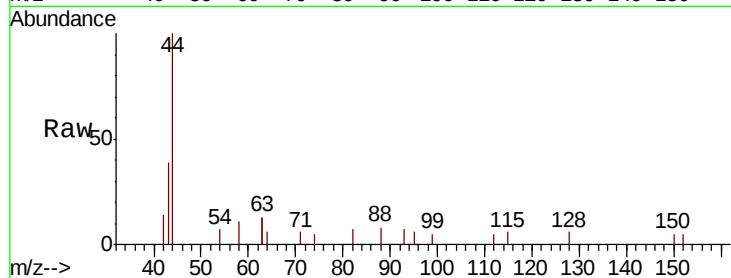
Tgt Ion: 93 Resp: 20

Ion Ratio Lower Upper

93 100

63 0.0 272.6 409.0#

95 75.0 27.1 40.7#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Tgt Ion: 136 Resp: 6632

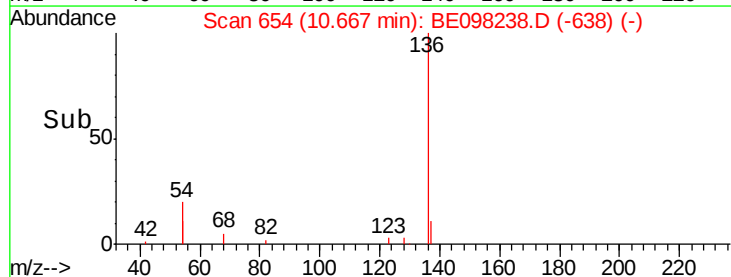
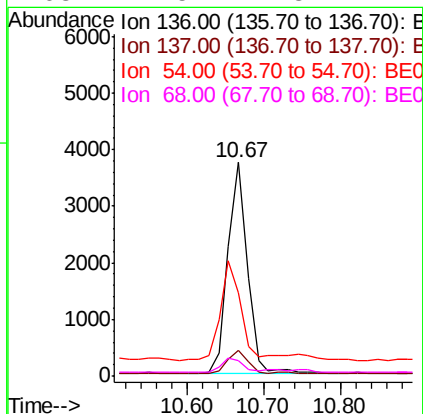
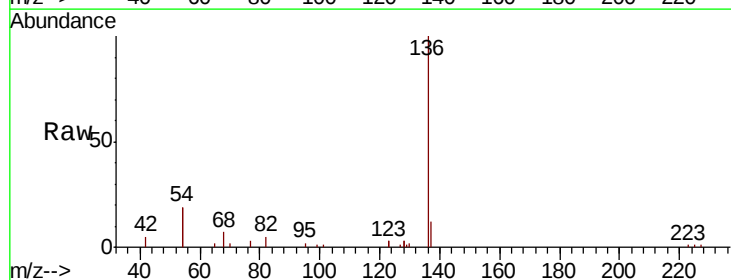
Ion Ratio Lower Upper

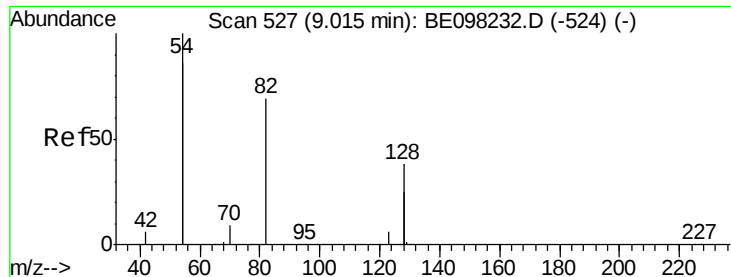
136 100

137 12.0 9.5 14.3

54 38.9 31.3 46.9

68 7.5 4.8 7.2#





#8

Nitrobenzene-d5

Concen: 0.285 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

W-2

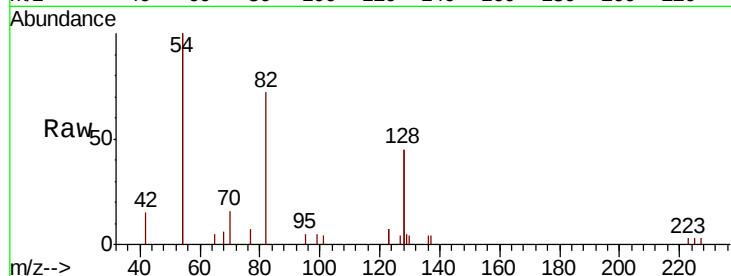
Tgt Ion: 82 Resp: 1787

Ion Ratio Lower Upper

82 100

128 124.5 96.1 144.1

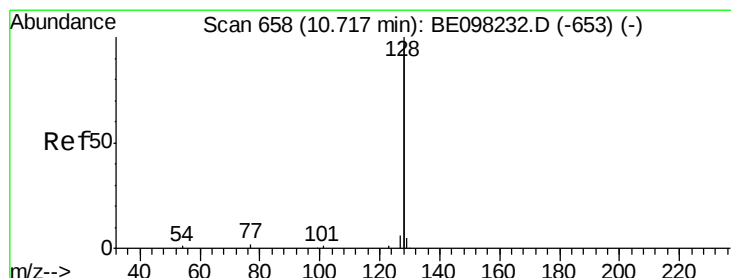
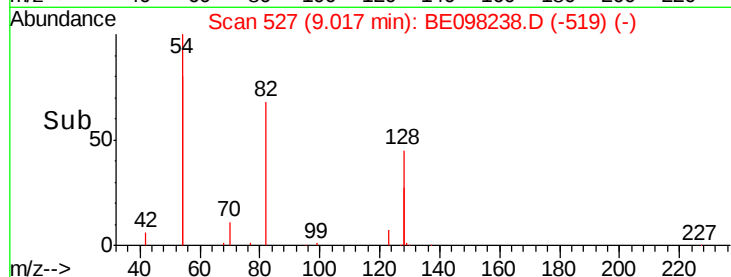
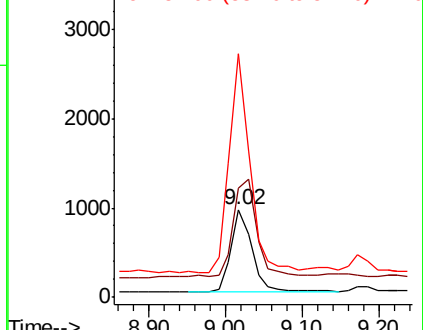
54 276.5 232.0 348.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.065 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

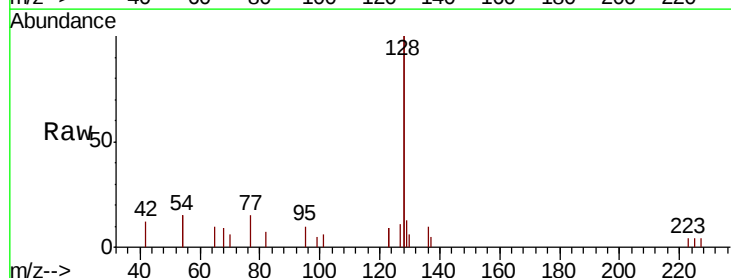
Tgt Ion: 128 Resp: 4373

Ion Ratio Lower Upper

128 100

129 6.5 2.6 4.0#

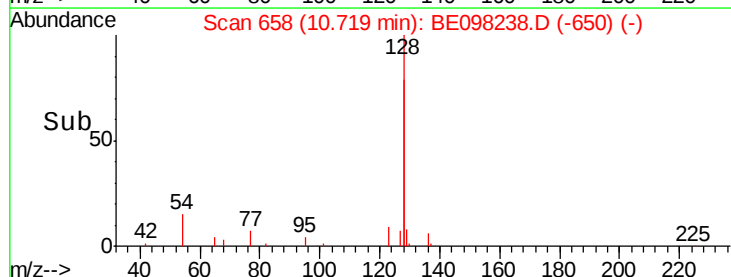
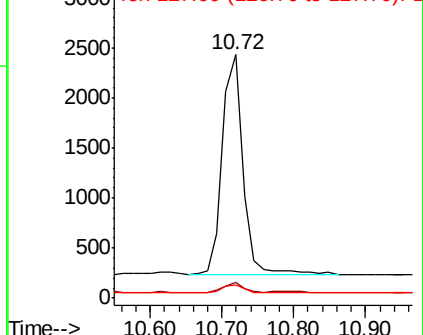
127 5.5 2.8 4.2#

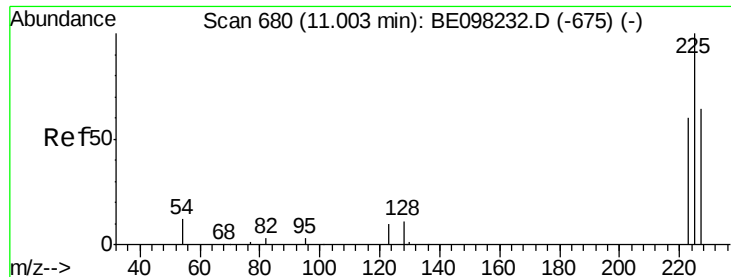


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

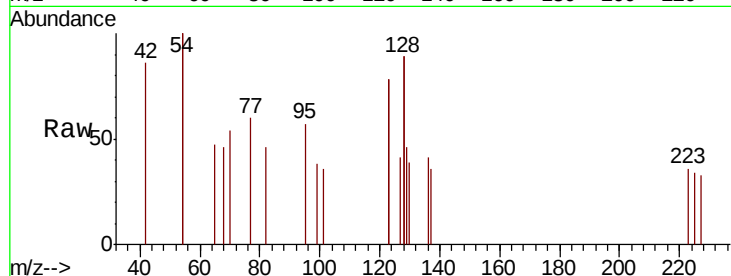




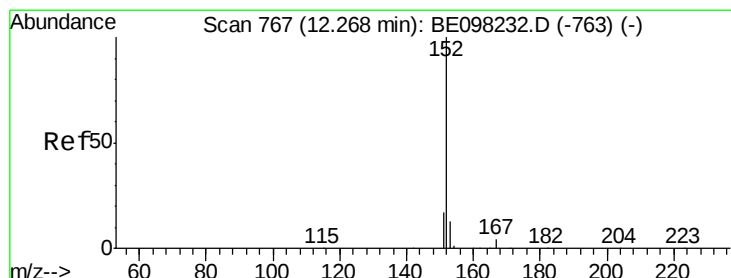
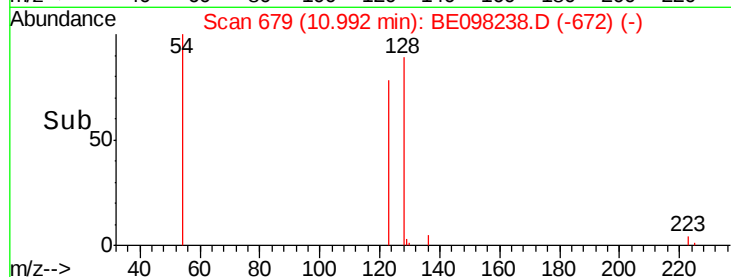
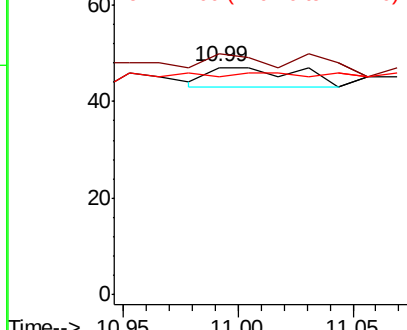
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.01 min
Lab File: BE098238.D
Acq: 16 Nov 2018 20:21

Instrument :
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Tgt Ion: 225 Resp: 11
Ion Ratio Lower Upper
225 100
223 109.1 50.5 75.7#
227 18.2 50.3 75.5#

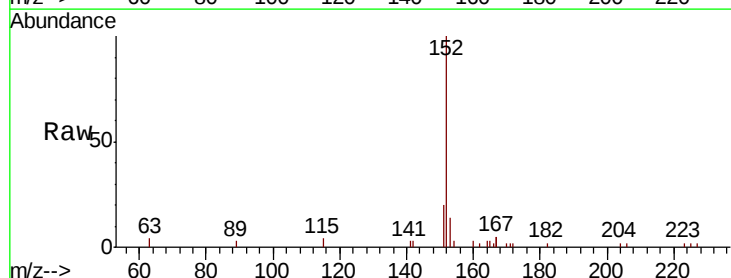


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

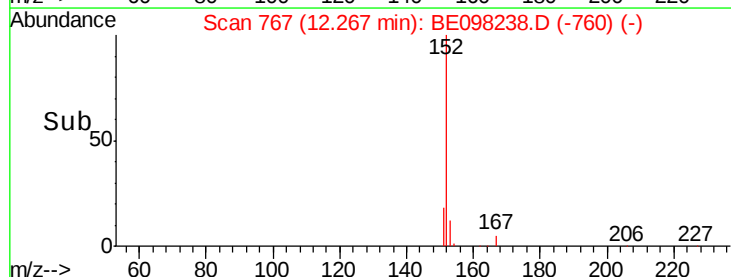
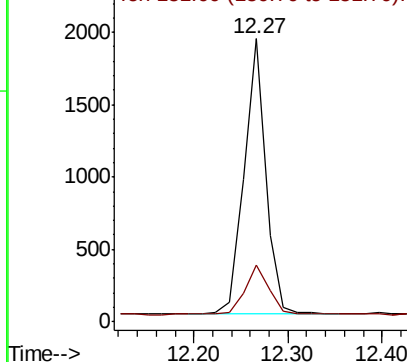


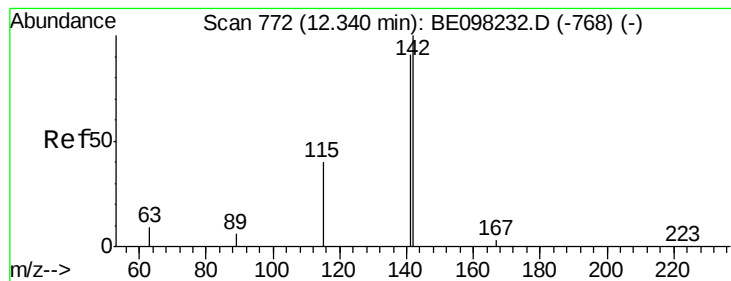
#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098238.D
Acq: 16 Nov 2018 20:21

Tgt Ion: 152 Resp: 3066
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2



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





#12

2-Methylnaphthalene

Concen: 0.026 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

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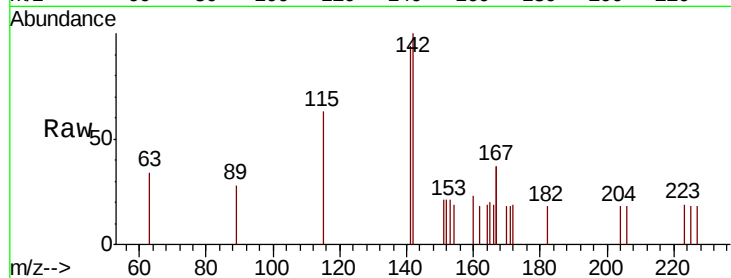
Tgt Ion:142 Resp: 315

Ion Ratio Lower Upper

142 100

141 93.8 76.3 114.5

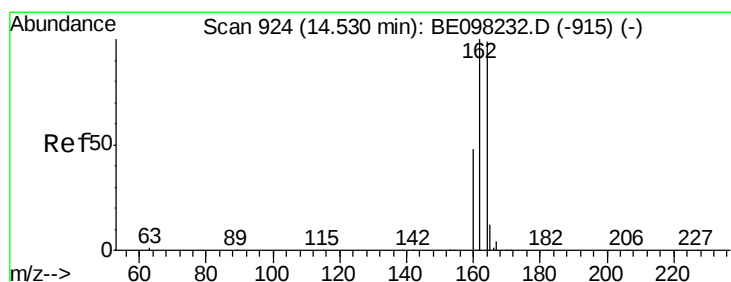
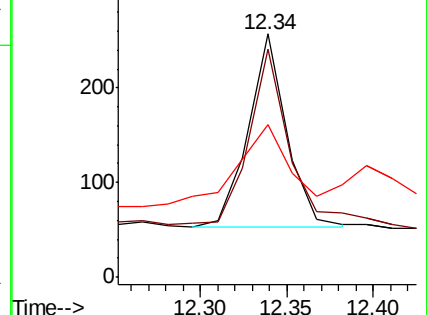
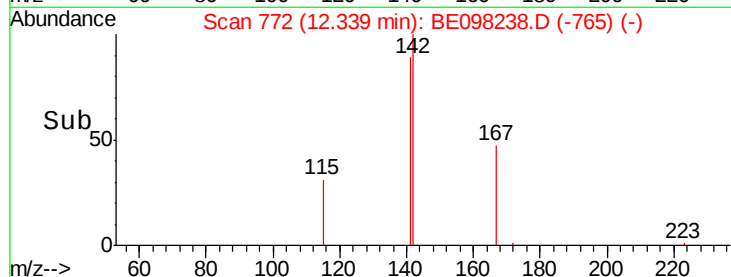
115 62.6 35.8 53.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

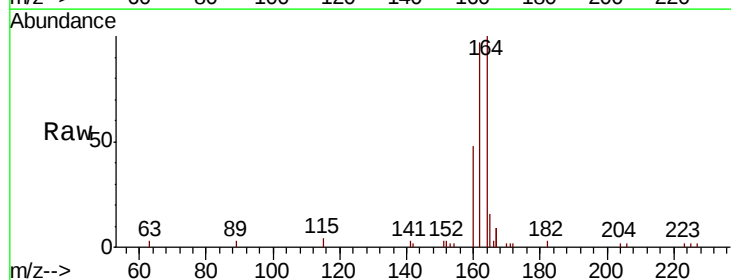
Tgt Ion:164 Resp: 4402

Ion Ratio Lower Upper

164 100

162 96.9 81.8 122.6

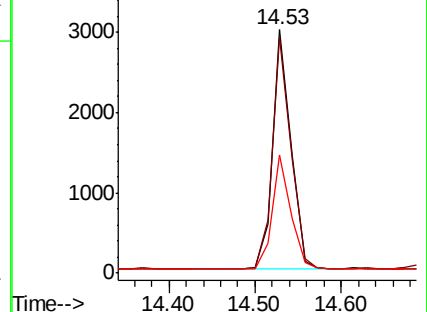
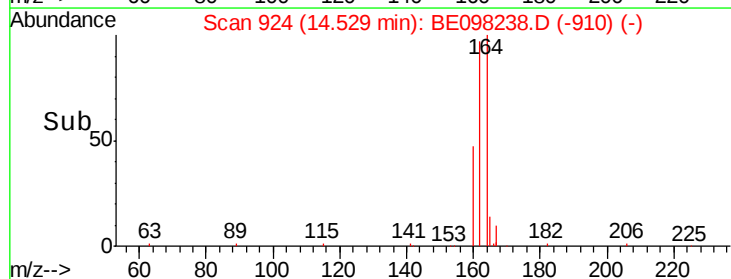
160 48.5 39.4 59.0

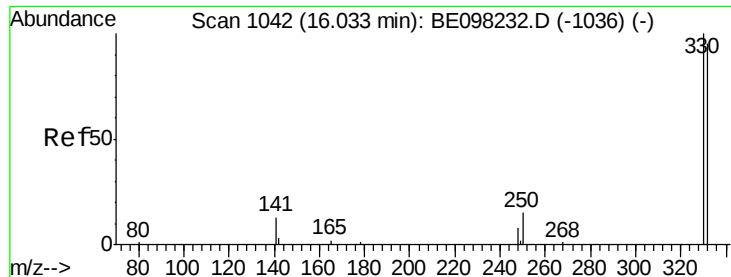


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

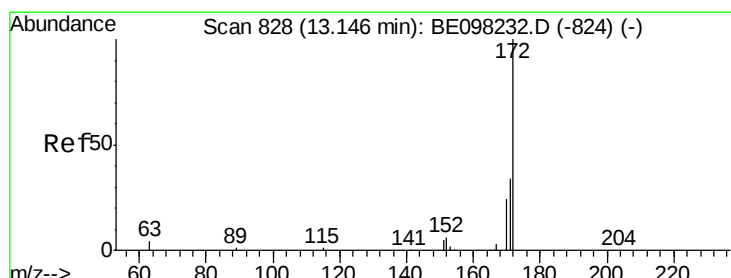
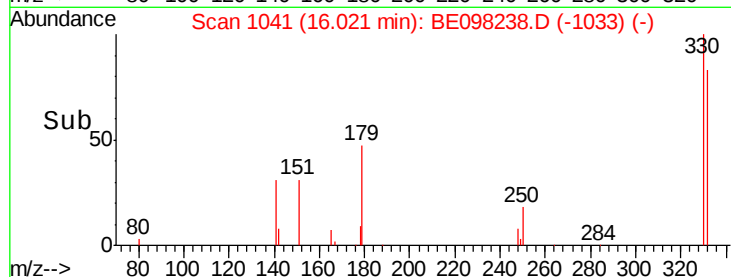
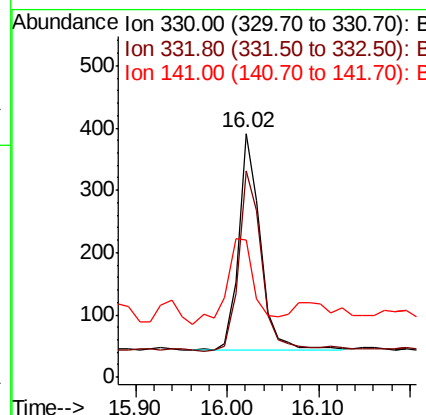
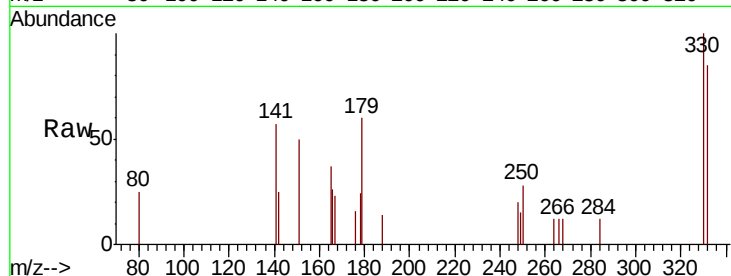




#14
 2,4,6-Tribromophenol
 Concen: 0.401 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

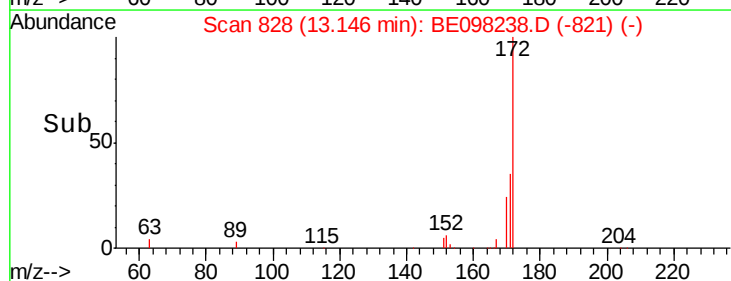
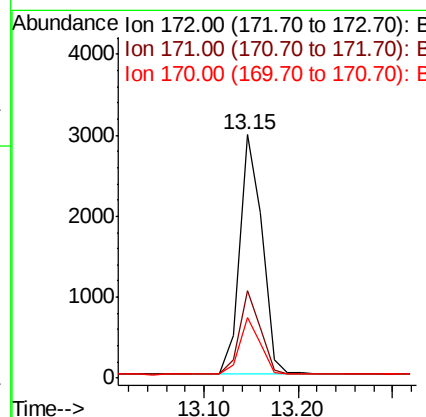
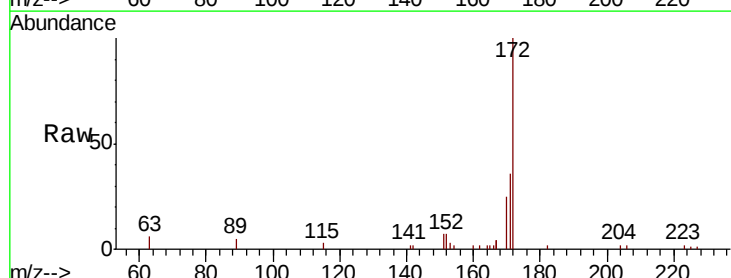
Instrument :
 BNA_E
 ClientSampled :
 W-2

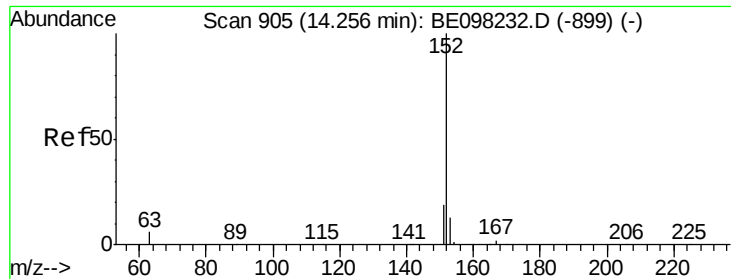
Tgt Ion: 330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 90.7 77.7 116.5
 141 51.3 33.6 50.4#



#15
 2-Fluorobiphenyl
 Concen: 0.256 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

Tgt Ion: 172 Resp: 4897
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.3 40.9
 170 24.9 19.4 29.0

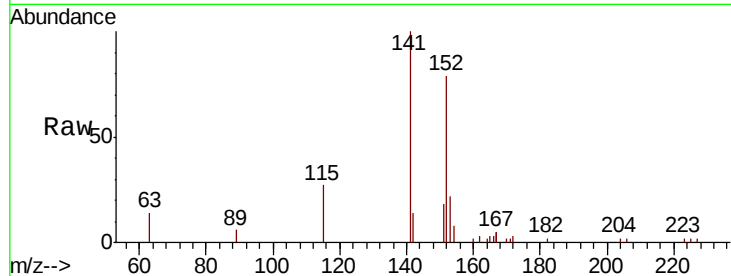




#16
Acenaphthylene
Concen: 0.165 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098238.D
Acq: 16 Nov 2018 20:21

Instrument :
BNA_E
ClientSampleId :
W-2

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.4	24.6
153	23.0	10.6	15.8#

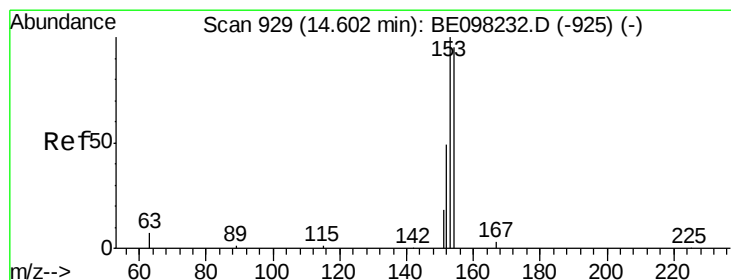
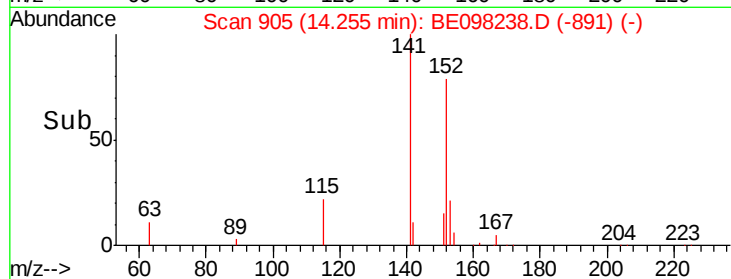
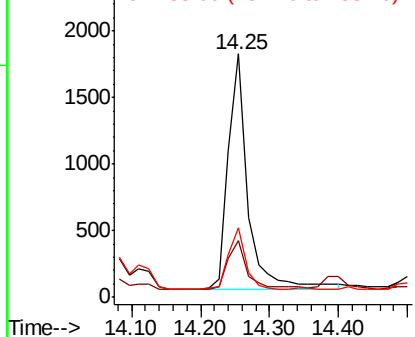


Abundance

Ion 152.00 (151.70 to 152.70): E

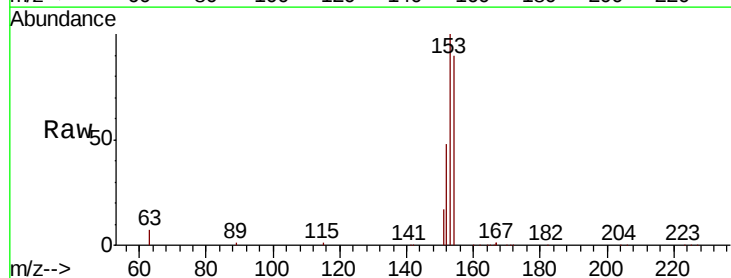
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17
Acenaphthene
Concen: 3.209 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098238.D
Acq: 16 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.1	138.1
152	56.7	46.2	69.2

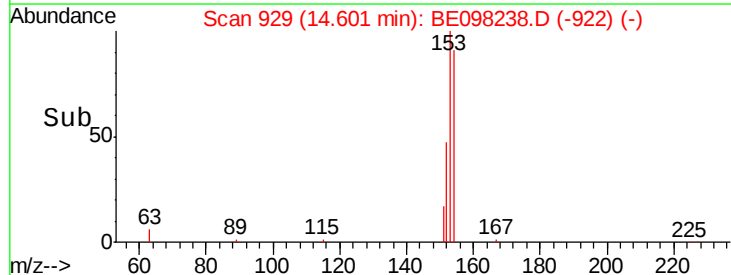
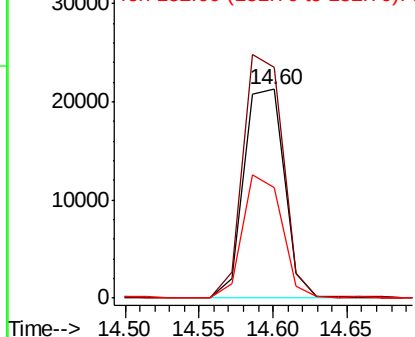


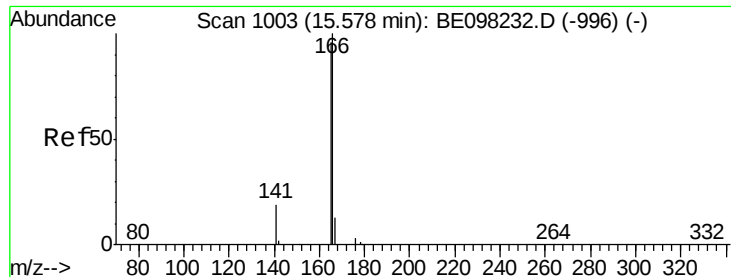
Abundance

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: 0.564 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

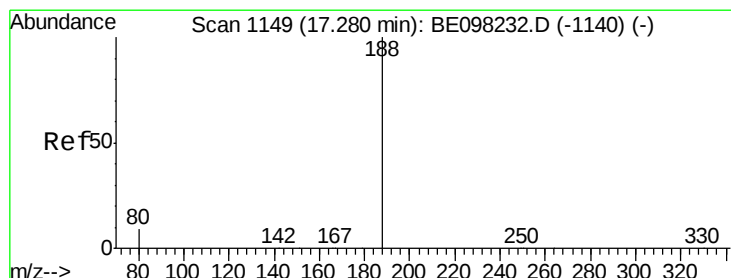
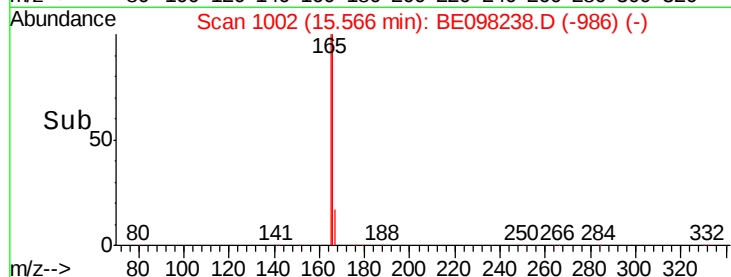
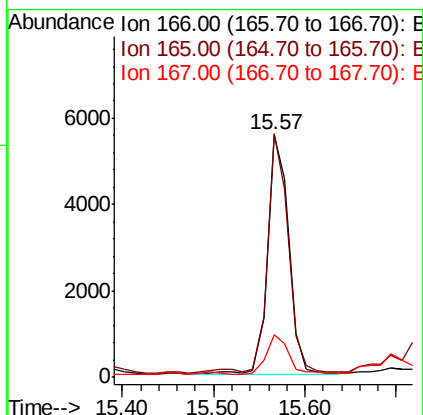
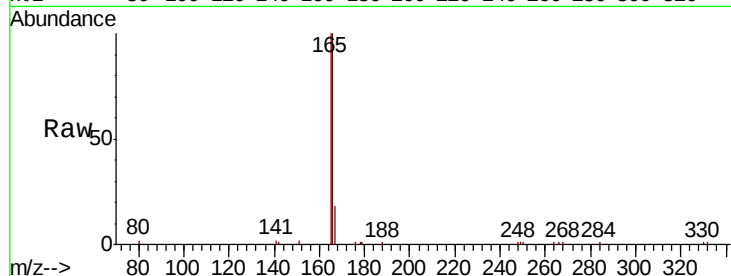
Instrument :

BNA_E

ClientSampleId :

W-2

Tgt Ion:	166	Resp:	8990
Ion	Ratio	Lower	Upper
166	100		
165	94.9	80.1	120.1
167	17.0	10.8	16.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

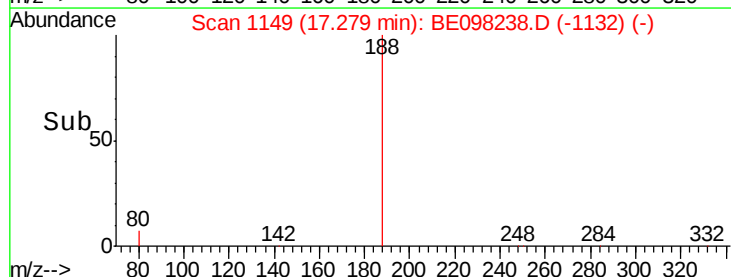
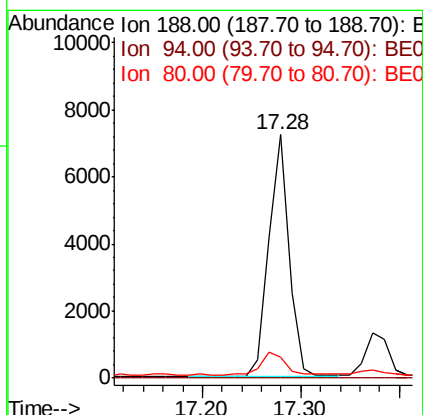
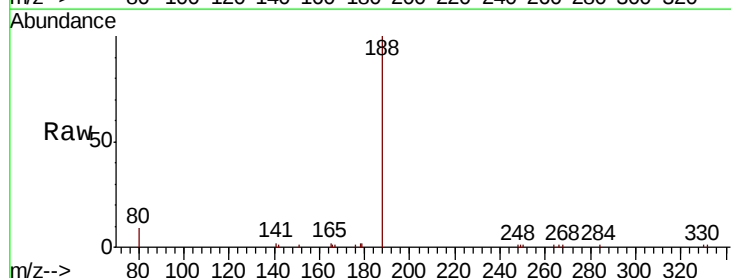
RT: 17.28 min Scan# 1149

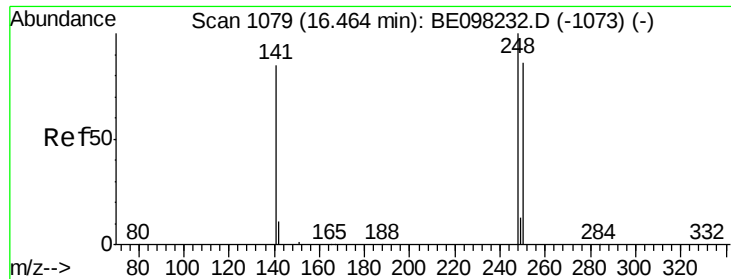
Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Tgt Ion:	188	Resp:	10265
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.7	10.1

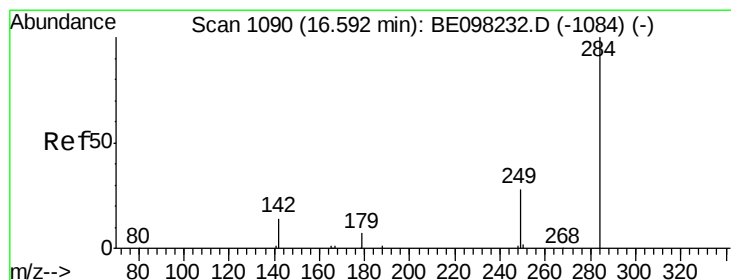
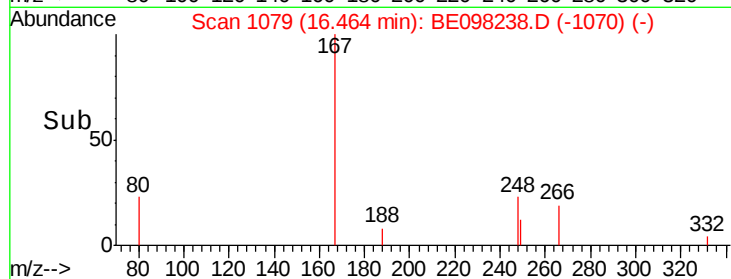
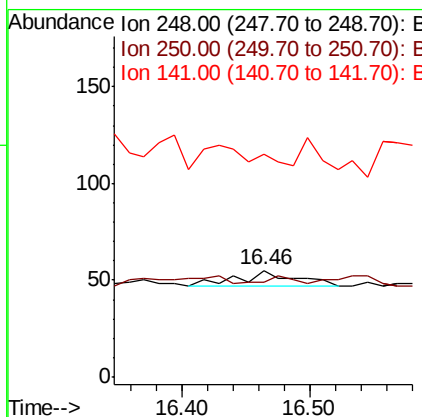
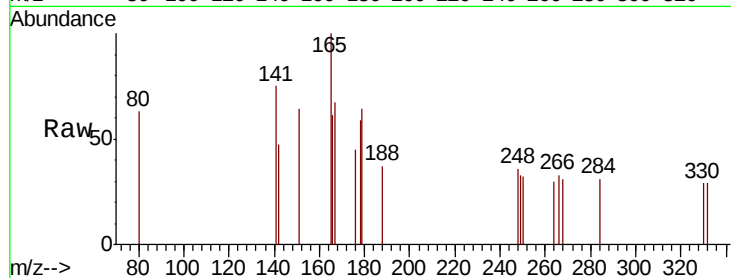




#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098238.D
Acq: 16 Nov 2018 20:21

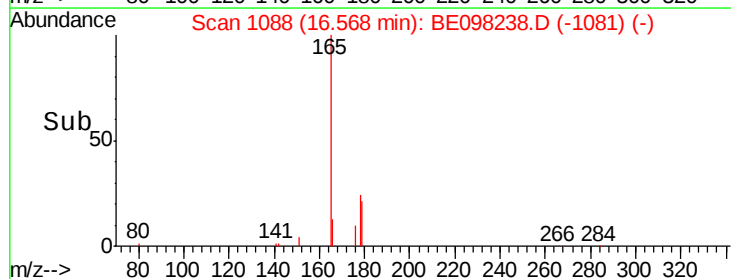
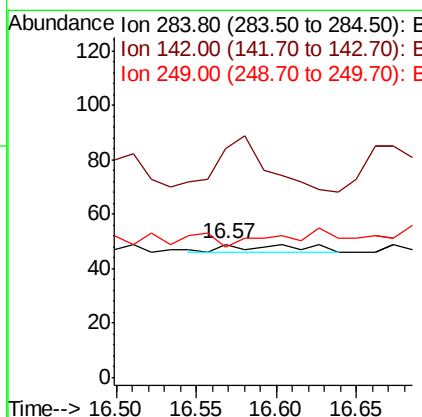
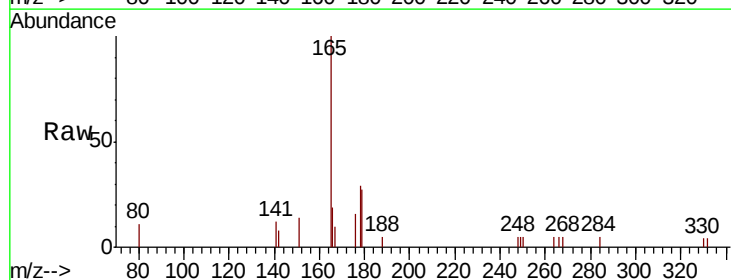
Instrument :
BNA_E
ClientSampled :
W-2

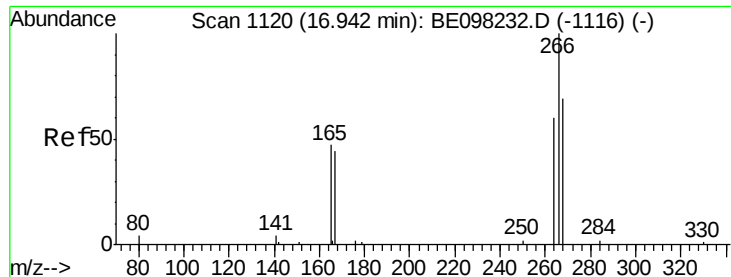
Tgt Ion: 248 Resp: 24
Ion Ratio Lower Upper
248 100
250 89.1 77.6 116.4
141 209.1 65.8 98.8#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BE098238.D
Acq: 16 Nov 2018 20:21

Tgt Ion: 284 Resp: 9
Ion Ratio Lower Upper
284 100
142 500.0 26.5 39.7#
249 0.0 28.4 42.6#





#22

Pentachlorophenol

Concen: 0.135 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampled :

W-2

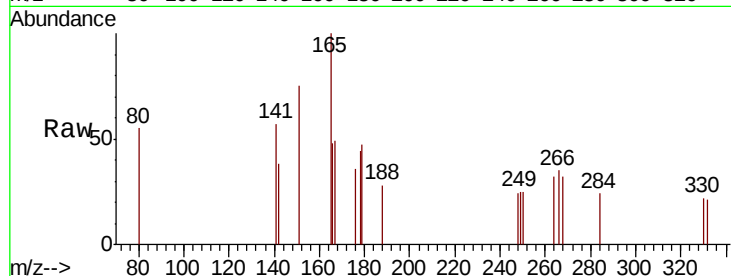
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 90.5 57.6 86.4#

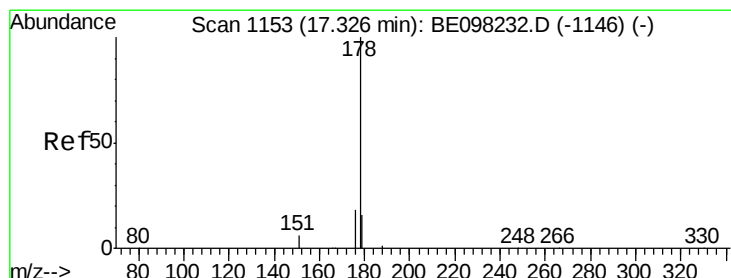
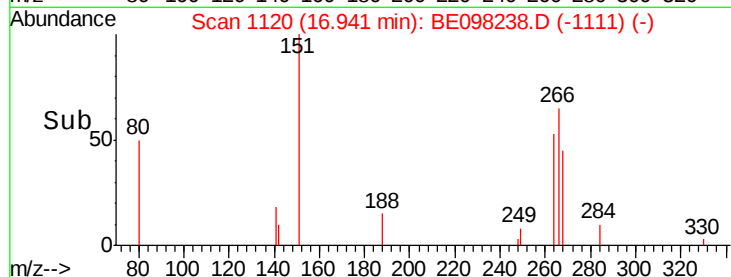
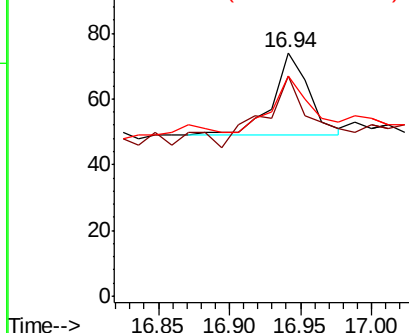
268 90.5 56.8 85.2#



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: 0.263 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

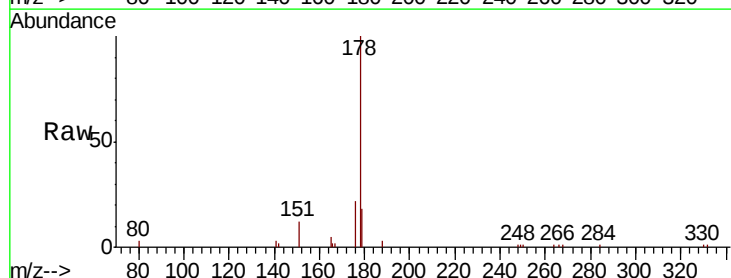
Tgt Ion:178 Resp: 6942

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

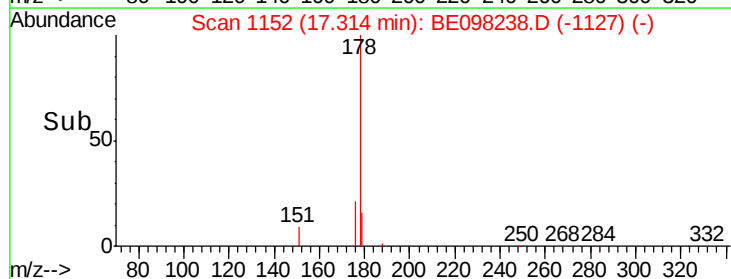
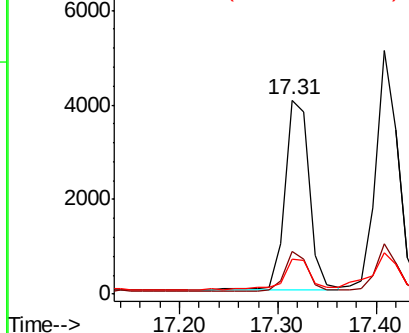
179 17.6 12.3 18.5

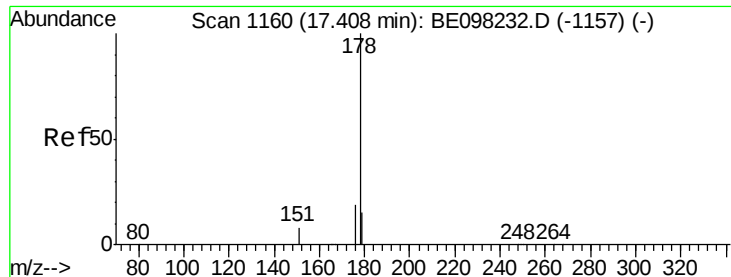


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.324 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

W-2

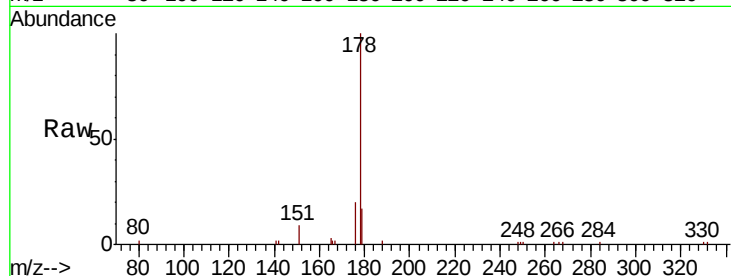
Tgt Ion:178 Resp: 7762

Ion Ratio Lower Upper

178 100

176 18.4 15.7 23.5

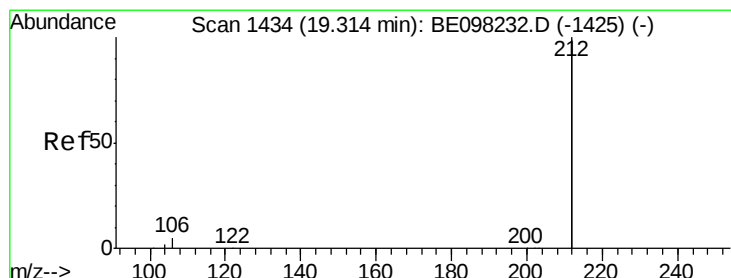
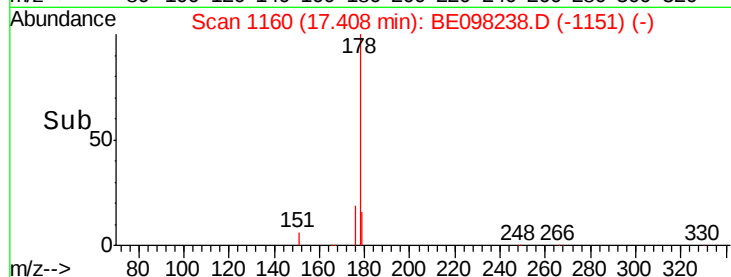
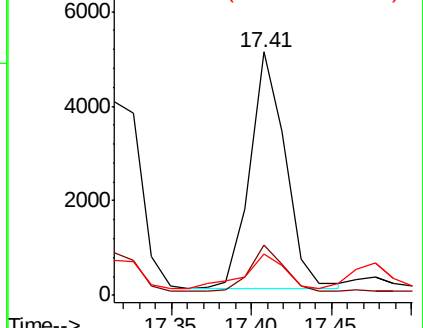
179 16.6 12.1 18.1



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: 0.260 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

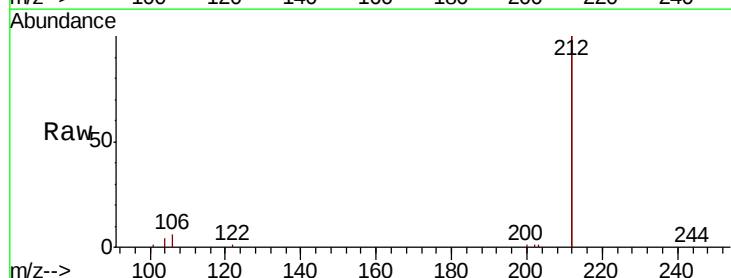
Tgt Ion:212 Resp: 32411

Ion Ratio Lower Upper

212 100

106 2.9 1.8 2.8#

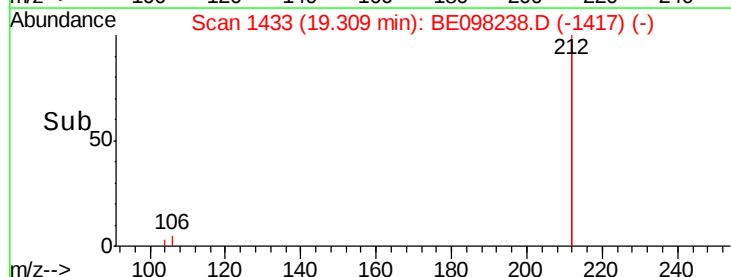
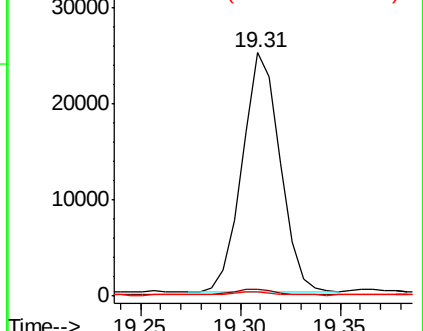
104 1.7 1.1 1.7#

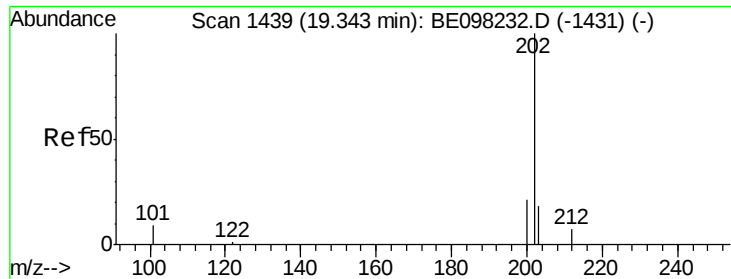


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

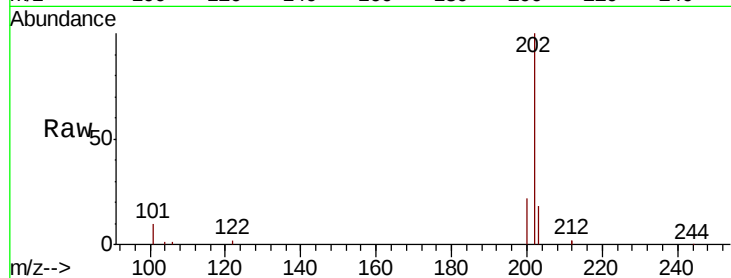




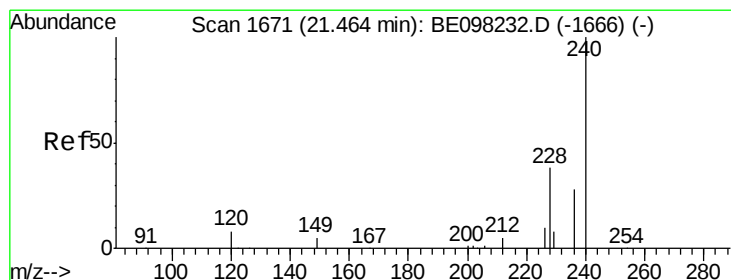
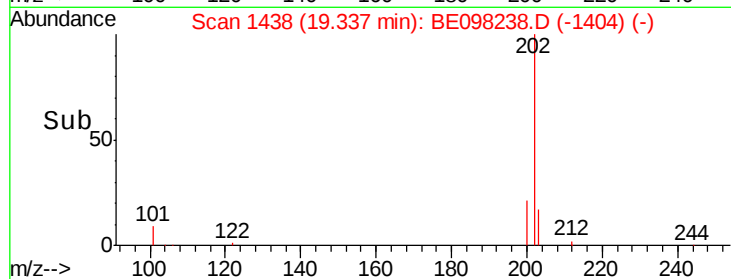
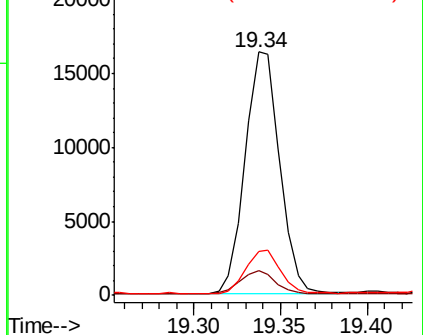
#26
 Fluoranthene
 Concen: 0.722 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

Instrument :
 BNA_E
 ClientSampleId :
 W-2

Tgt Ion:202 Resp: 22883
 Ion Ratio Lower Upper
 202 100
 101 9.8 7.0 10.6
 203 17.8 13.7 20.5

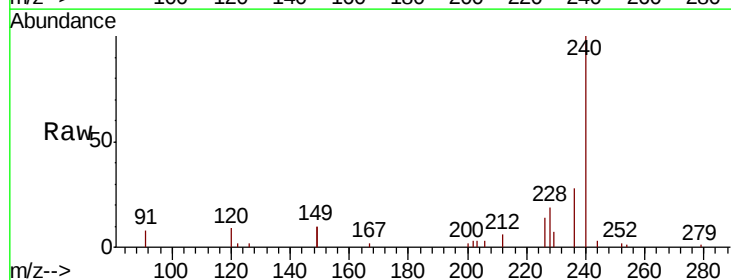


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

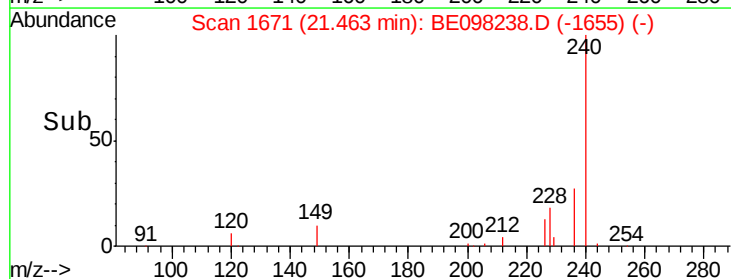
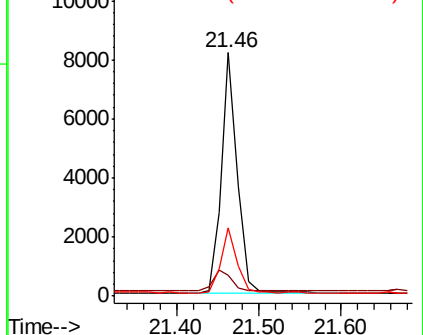


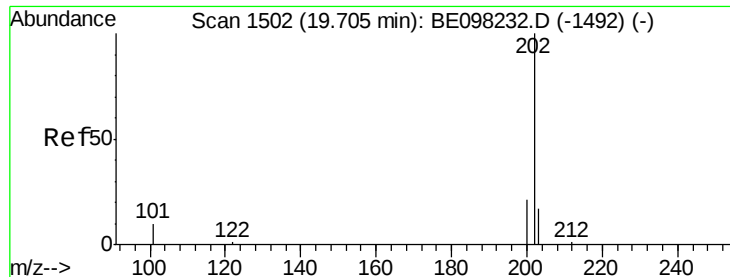
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

Tgt Ion:240 Resp: 11233
 Ion Ratio Lower Upper
 240 100
 120 8.7 4.8 7.2#
 236 28.0 21.4 32.0



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

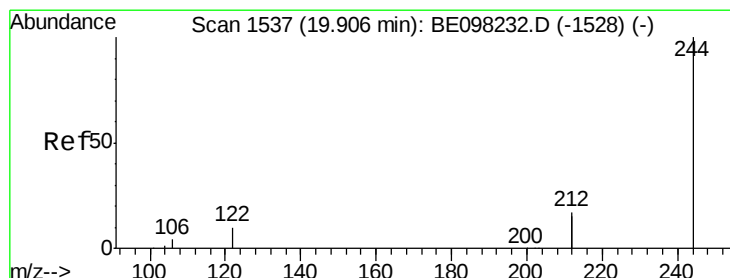
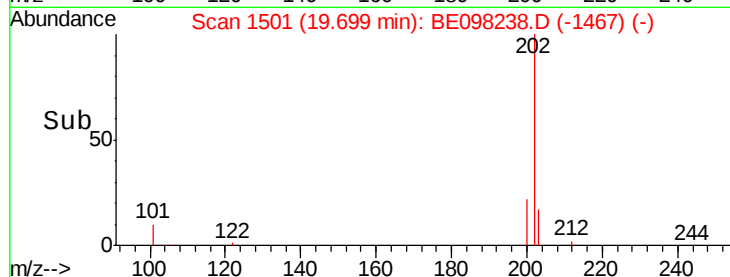
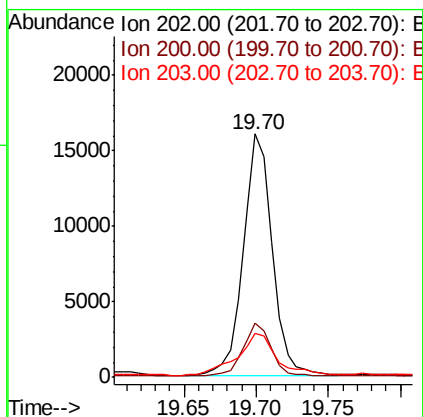
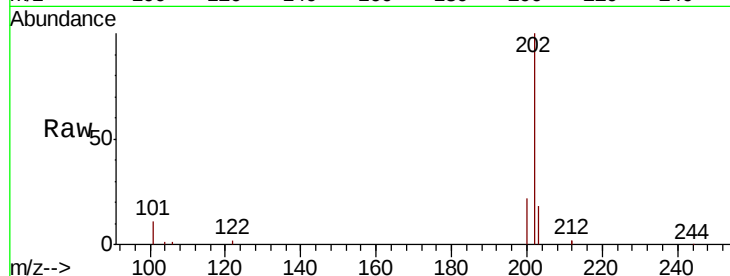




#28
 Pyrene
 Concen: 0.681 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

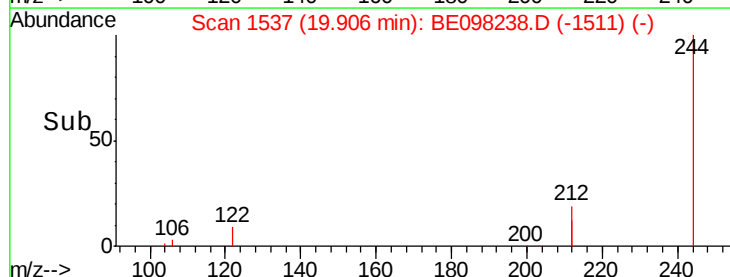
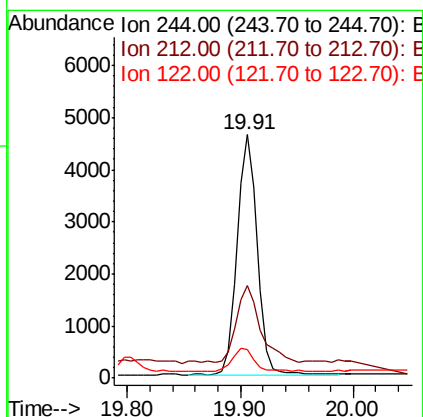
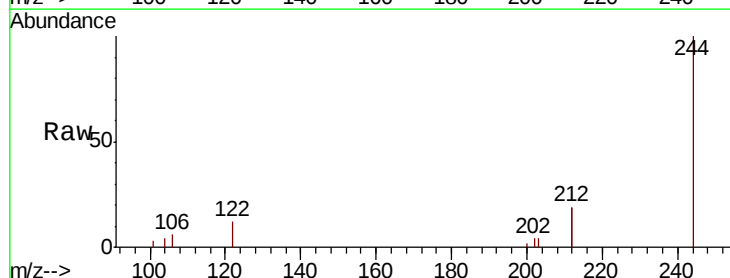
Instrument :
 BNA_E
 ClientSampleId :
 W-2

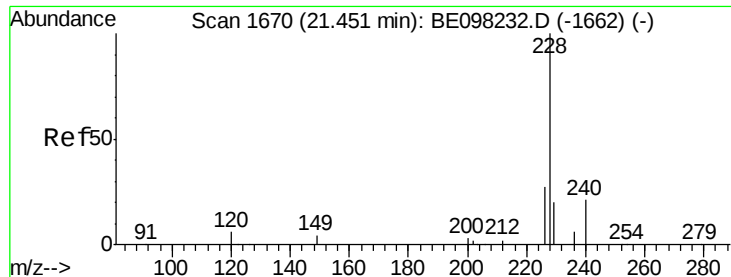
Tgt Ion:202 Resp: 22373
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 23.3 14.2 21.4#



#29
 Terphenyl-d14
 Concen: 0.222 ng
 RT: 19.91 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

Tgt Ion:244 Resp: 5719
 Ion Ratio Lower Upper
 244 100
 212 38.2 26.8 40.2
 122 11.7 7.0 10.6#





#30

Benzo(a)anthracene

Concen: 0.304 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

W-2

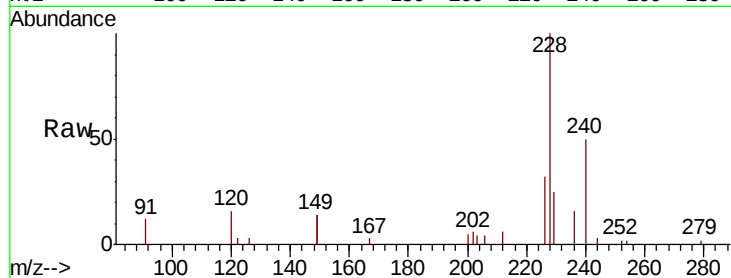
Tgt Ion:228 Resp: 9868

Ion Ratio Lower Upper

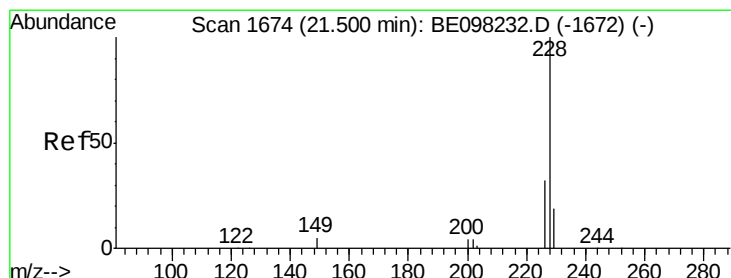
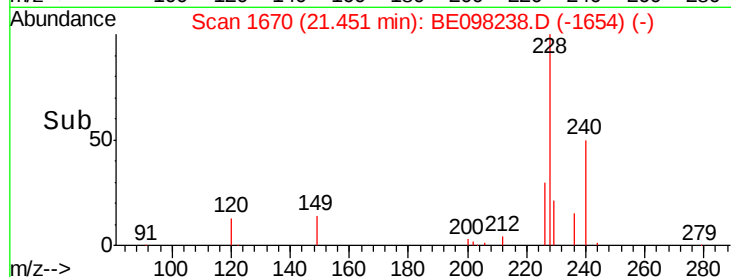
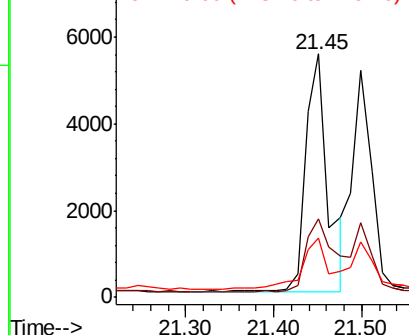
228 100

226 32.3 20.7 31.1#

229 24.6 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



#31

Chrysene

Concen: 0.228 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

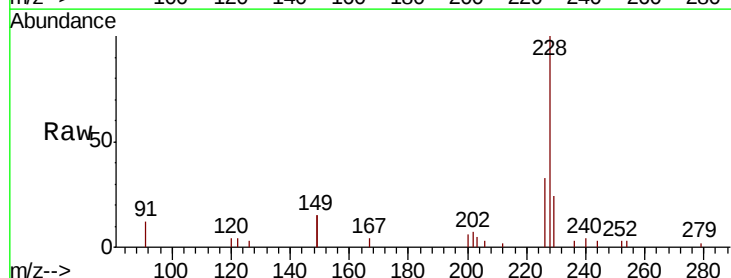
Tgt Ion:228 Resp: 7620

Ion Ratio Lower Upper

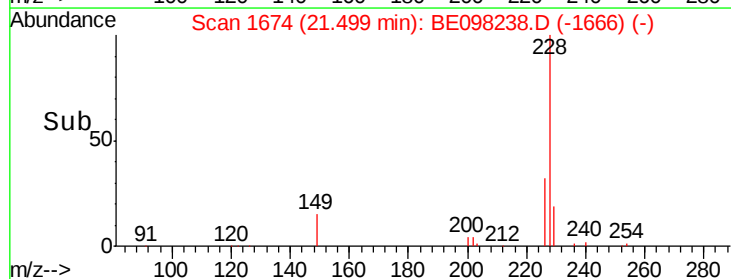
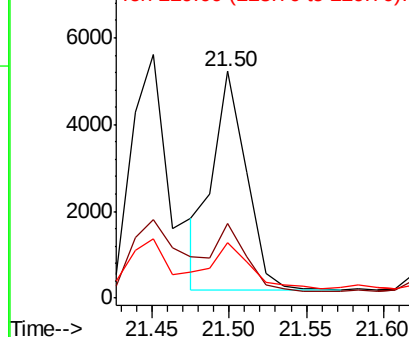
228 100

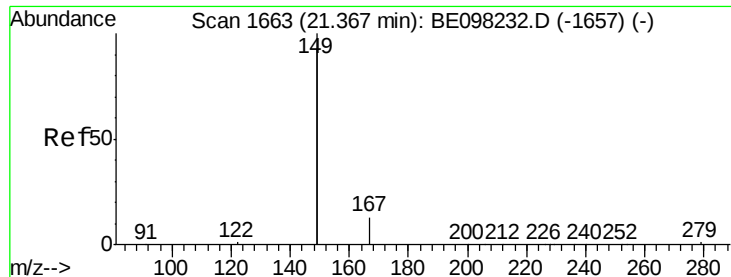
226 32.8 24.6 36.8

229 24.4 16.0 24.0#



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: 0.245 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

W-2

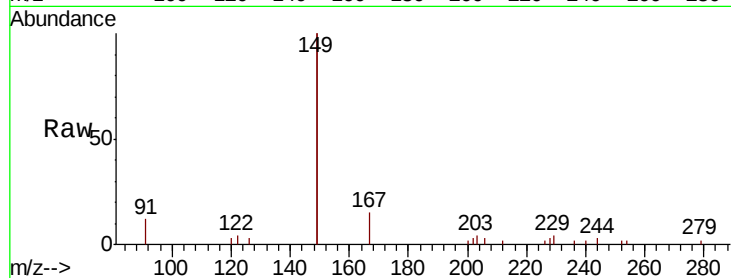
Tgt Ion:149 Resp: 12413

Ion Ratio Lower Upper

149 100

167 7.6 5.6 8.4

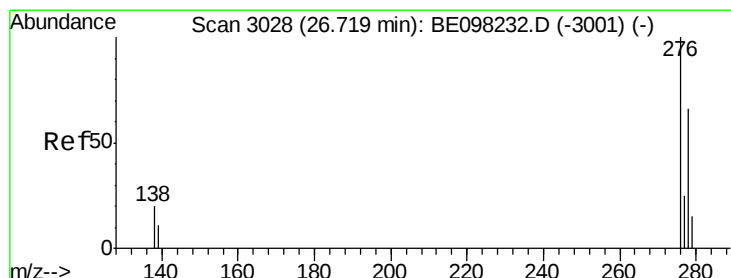
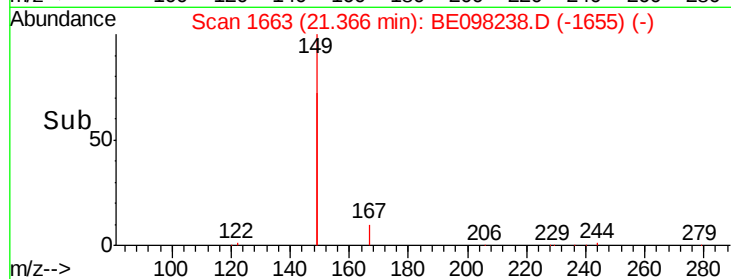
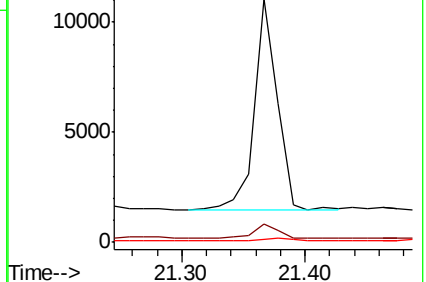
279 1.3 0.9 1.3



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: 0.279 ng

RT: 26.70 min Scan# 3022

Delta R.T. -0.02 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

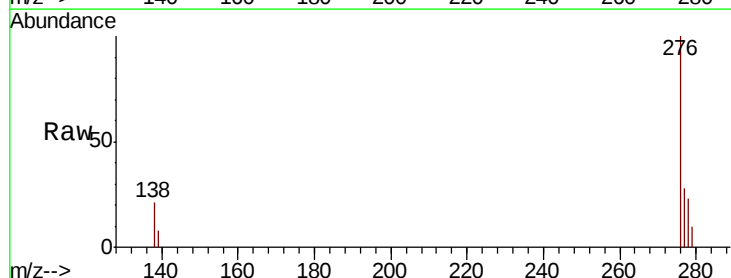
Tgt Ion:276 Resp: 7989

Ion Ratio Lower Upper

276 100

138 17.7 6.4 9.6#

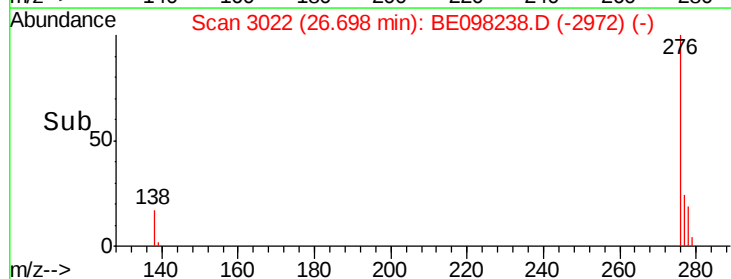
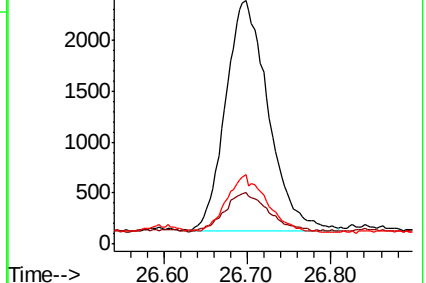
277 23.7 18.9 28.3

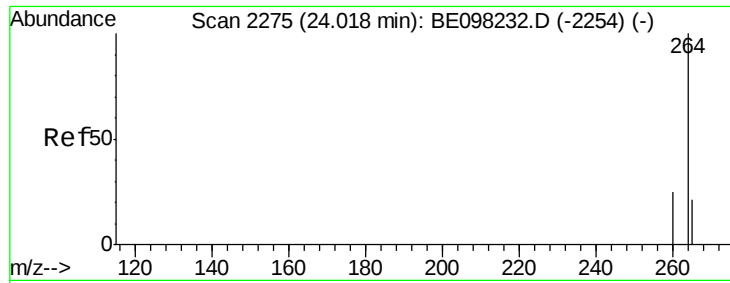


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

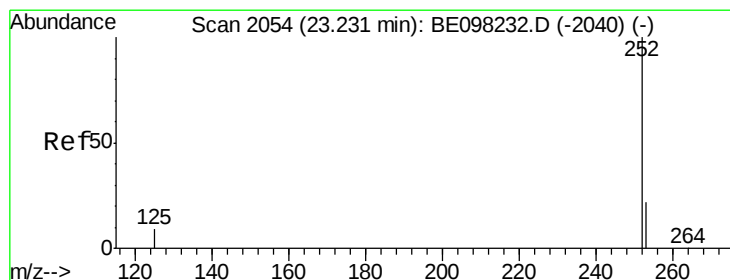
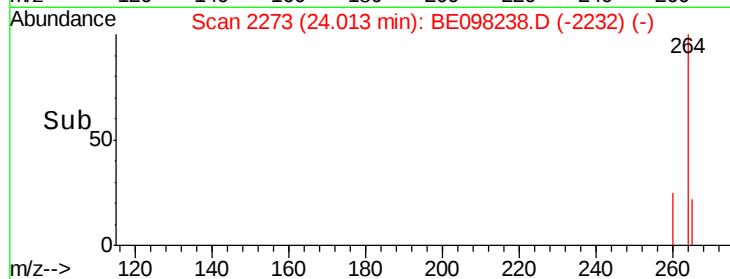
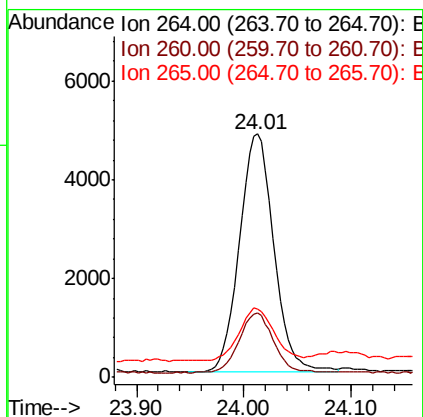
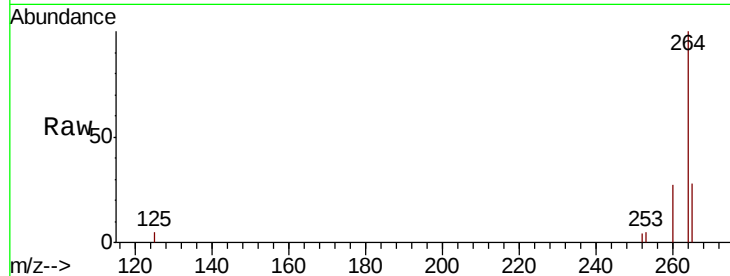




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

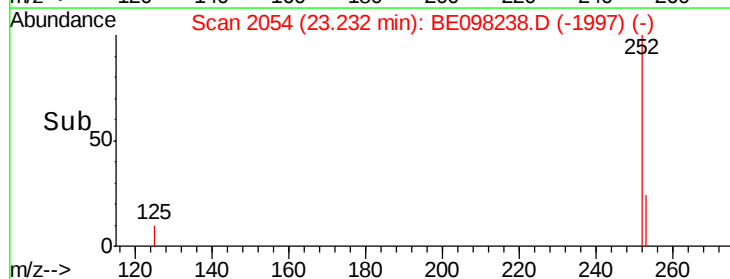
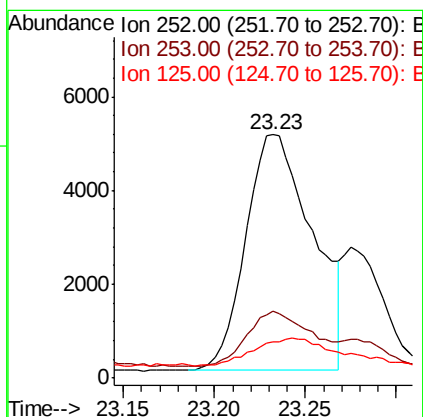
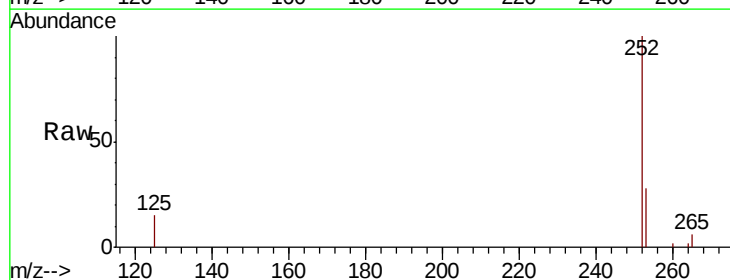
Instrument :
 BNA_E
 ClientSampleId :
 W-2

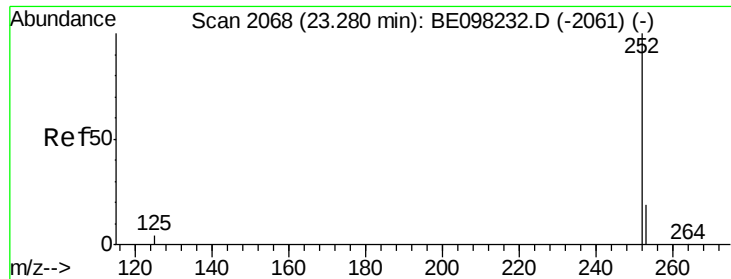
Tgt Ion: 264 Resp: 10763
 Ion Ratio Lower Upper
 264 100
 260 26.7 19.9 29.9
 265 27.9 21.3 31.9



#35
 Benzo(b)fluoranthene
 Concen: 0.425 ng
 RT: 23.23 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BE098238.D
 Acq: 16 Nov 2018 20:21

Tgt Ion: 252 Resp: 12917
 Ion Ratio Lower Upper
 252 100
 253 27.6 19.4 29.0
 125 14.9 8.6 12.8#





#36

Benzo(k)fluoranthene

Concen: 0.376 ng

RT: 23.23 min Scan# 2054

Delta R.T. -0.05 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

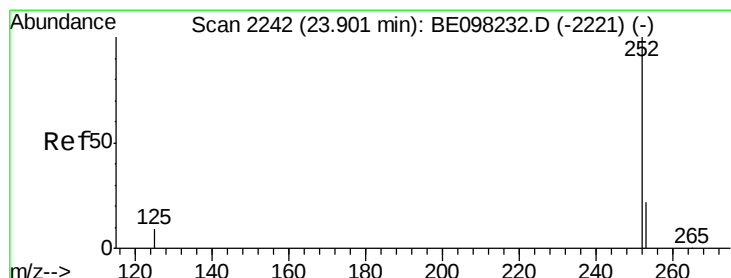
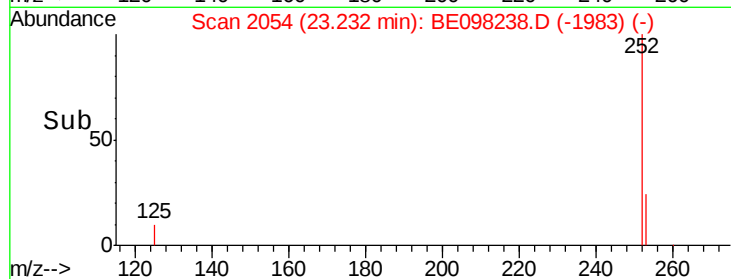
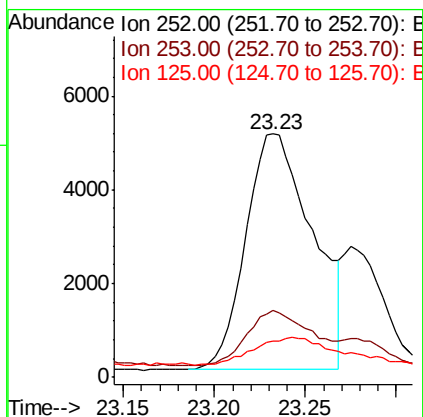
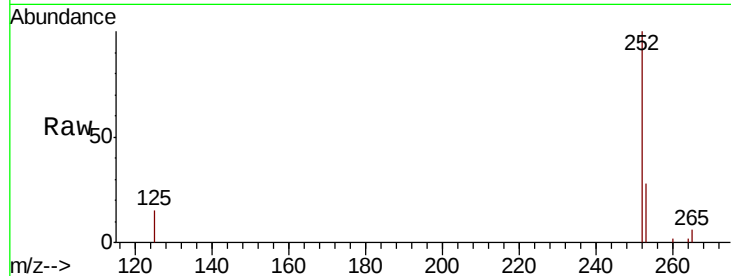
Instrument :

BNA_E

ClientSampleId :

W-2

Tgt Ion:	252	Resp:	12917
Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.6	28.0
125	14.9	7.4	11.0#



#37

Benzo(a)pyrene

Concen: 0.325 ng

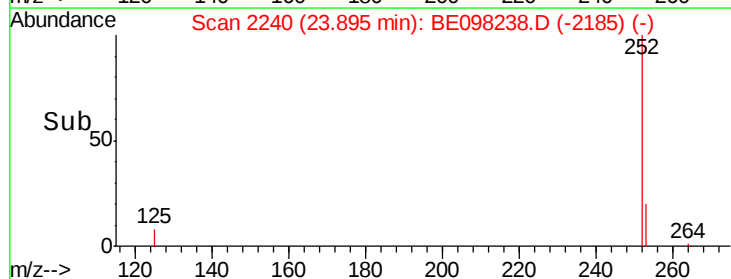
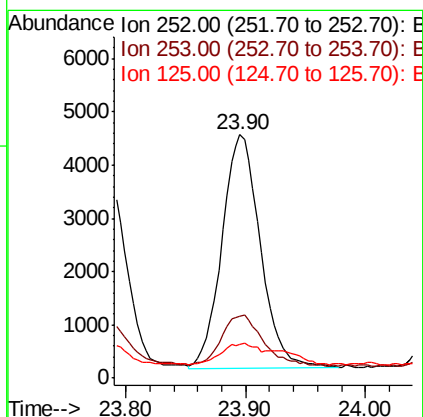
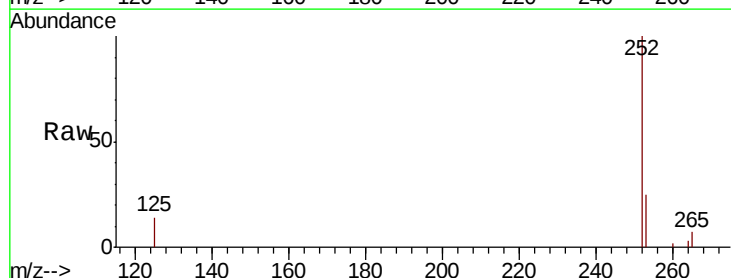
RT: 23.90 min Scan# 2240

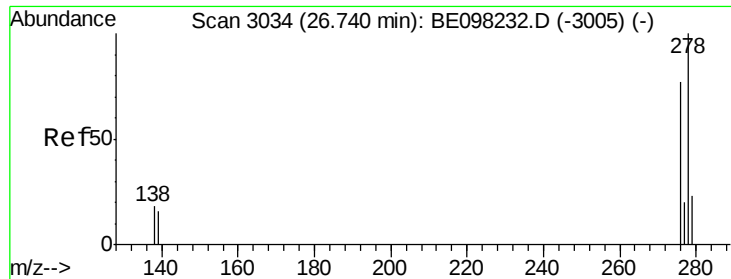
Delta R.T. -0.01 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Tgt Ion:	252	Resp:	9689
Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.6	27.8
125	13.8	8.0	12.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.085 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.02 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

Instrument :

BNA_E

ClientSampleId :

W-2

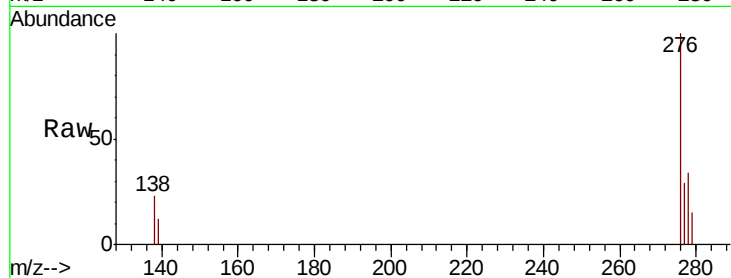
Tgt Ion: 278 Resp: 2025

Ion Ratio Lower Upper

278 100

139 35.3 16.4 24.6#

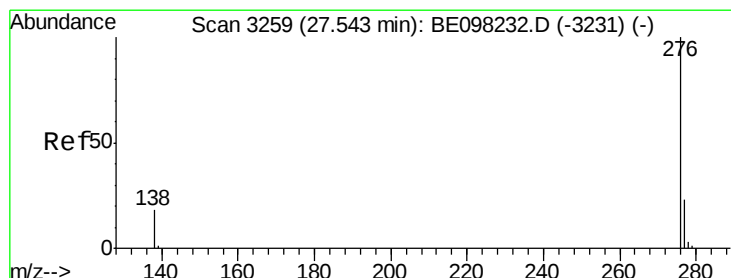
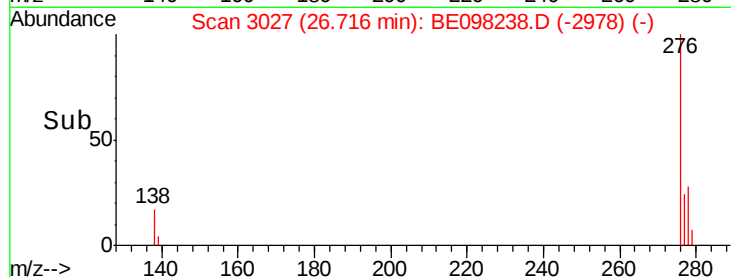
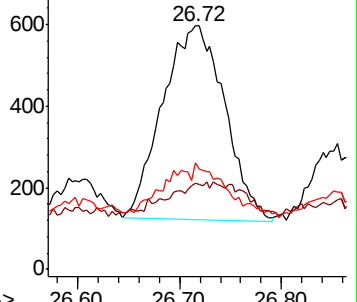
279 43.7 21.3 31.9#



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: 0.378 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BE098238.D

Acq: 16 Nov 2018 20:21

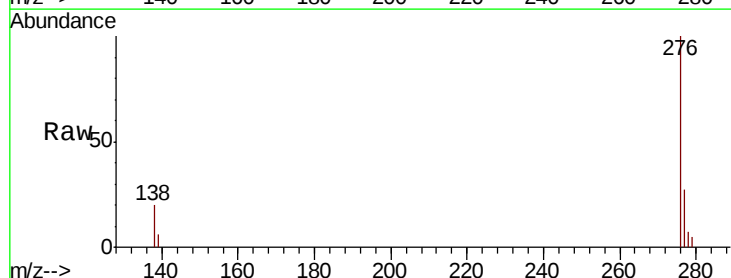
Tgt Ion: 276 Resp: 9737

Ion Ratio Lower Upper

276 100

277 27.0 20.4 30.6

138 20.1 13.2 19.8#



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

