

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098274.D
 Acq On : 29 Nov 2018 15:12
 Operator : SJ/JU
 Sample : PB115083BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 29 16:15:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1420	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5363	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3006	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7028	0.40	ng	0.00
27) Chrysene-d12	21.47	240	9913	0.40	ng	0.01
34) Perylene-d12	24.02	264	10221	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1052	0.28	ng	0.01
5) Phenol-d6	7.06	99	1240	0.23	ng	0.01
8) Nitrobenzene-d5	9.03	82	1440	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2567	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	257	0.18	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	3637	0.29	ng	0.00
25) Fluoranthene-d10	19.31	212	29236	0.31	ng	0.00
29) Terphenyl-d14	19.91	244	5127	0.23	ng	0.00

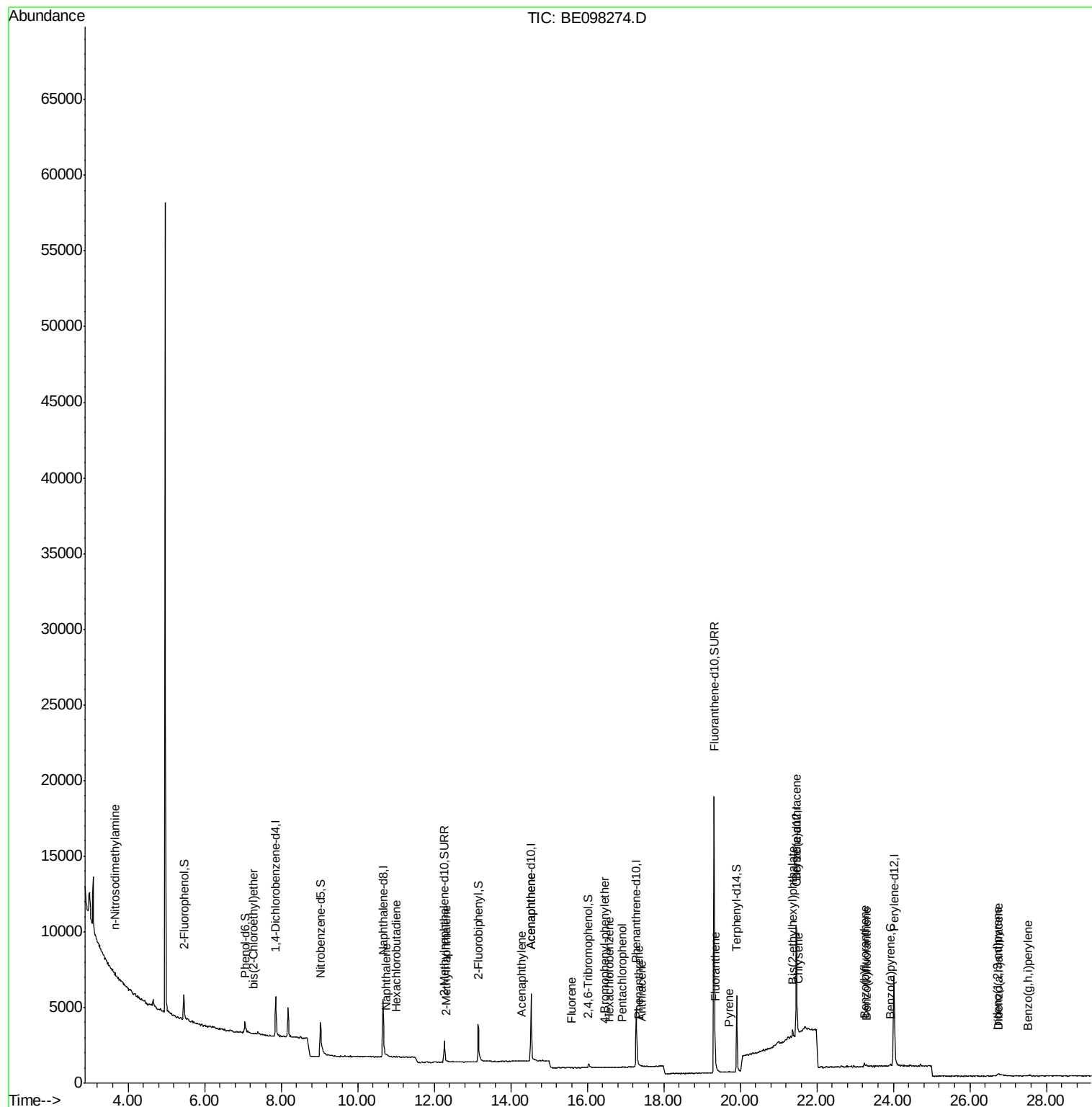
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	11	Below Cal	#	12
3) n-Nitrosodimethylamine	3.67	42	138	0.051	ng	# 100
6) bis(2-Chloroethyl)ether	7.26	93	8	0.002	ng	# 1
9) Naphthalene	10.74	128	103	0.002	ng	# 47
10) Hexachlorobutadiene	11.02	225	6	0.002	ng	# 60
12) 2-Methylnaphthalene	12.31	142	8	0.001	ng	# 45
16) Acenaphthylene	14.28	152	5	0.000	ng	# 1
17) Acenaphthene	14.53	154	16	0.002	ng	# 4
18) Fluorene	15.59	166	15	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	2	0.001	ng	# 68
21) Hexachlorobenzene	16.58	284	5	0.001	ng	# 1
22) Pentachlorophenol	16.91	266	6	0.096	ng	# 71
23) Phenanthrene	17.34	178	34	0.002	ng	# 65
24) Anthracene	17.42	178	23	0.001	ng	# 53
26) Fluoranthene	19.35	202	64	0.003	ng	# 84
28) Pyrene	19.71	202	84	0.003	ng	# 67
30) Benzo(a)anthracene	21.46	228	182	0.006	ng	# 2
31) Chrysene	21.51	228	173	0.006	ng	# 27
32) Bis(2-ethylhexyl)phthalate	21.37	149	858	0.012	ng	# 92
33) Indeno(1,2,3-cd)pyrene	26.71	276	54	0.002	ng	# 66
35) Benzo(b)fluoranthene	23.24	252	285	0.010	ng	# 1
36) Benzo(k)fluoranthene	23.30	252	205	0.007	ng	# 1
37) Benzo(a)pyrene	23.91	252	112	0.004	ng	# 1
38) Dibenzo(a,h)anthracene	26.75	278	58	0.002	ng	# 1
39) Benzo(g,h,i)perylene	27.52	276	28	0.001	ng	# 1

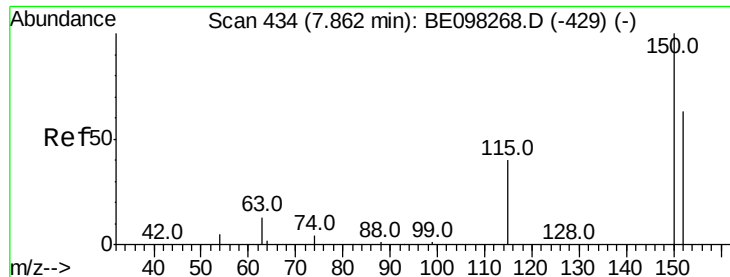
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 29 13:50:43 2018
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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: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

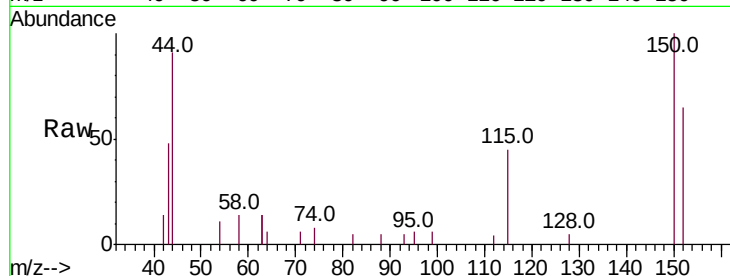
Tot Ion:152 Resp: 1420

Ion Ratio Lower Upper

152 100

150 153.3 124.2 186.4

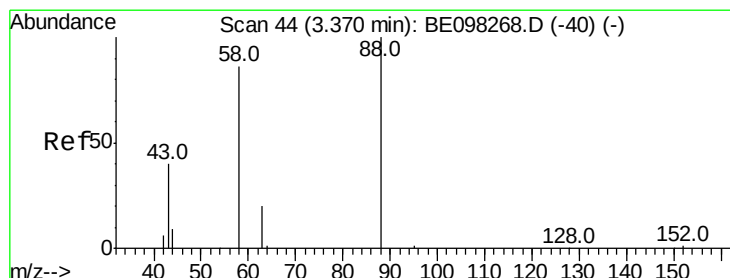
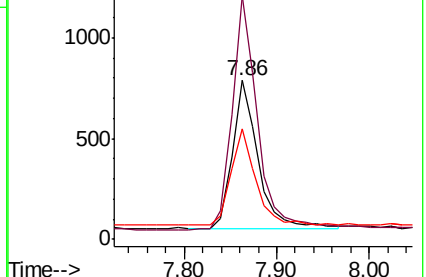
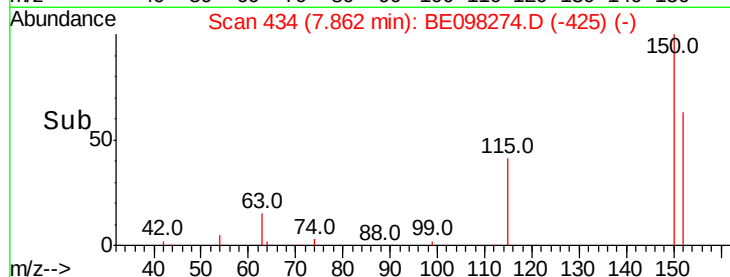
115 69.7 53.9 80.9



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: Below Cal

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

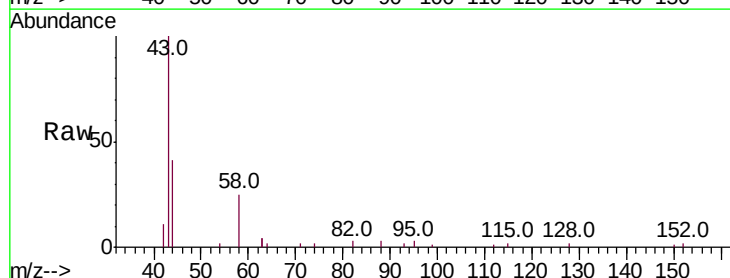
Tgt Ion: 88 Resp: 11

Ion Ratio Lower Upper

88 100

58 0.0 75.0 112.6#

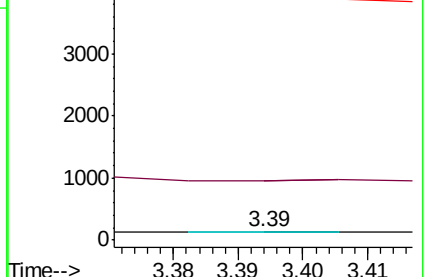
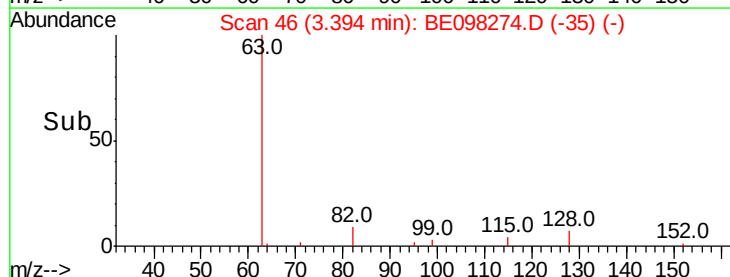
43 0.0 38.3 57.5#

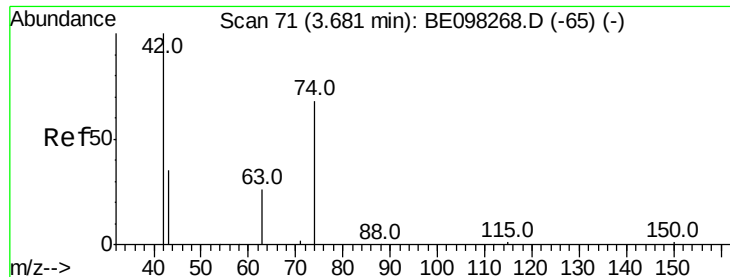


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.051 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

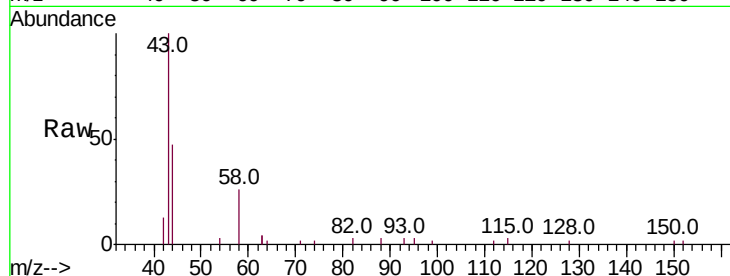
Tot Ion: 42 Resp: 138

Ion Ratio Lower Upper

42 100

74 10.9 0.0 0.0#

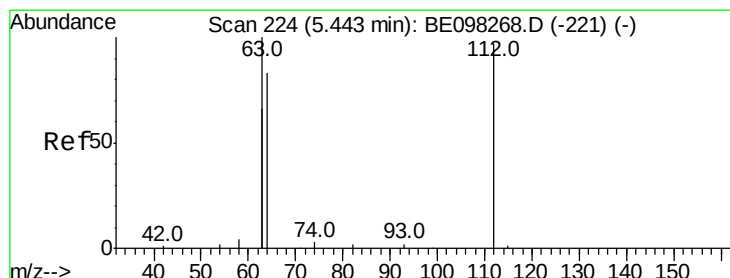
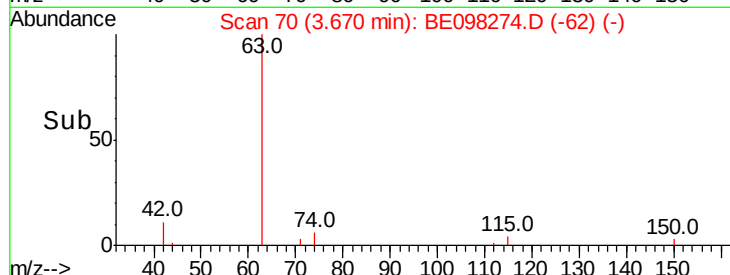
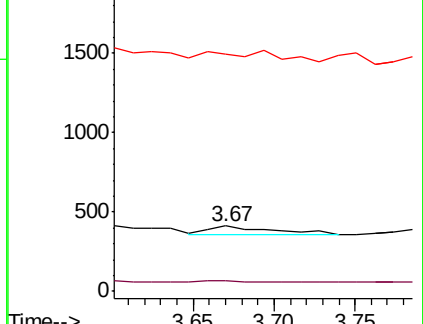
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.277 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

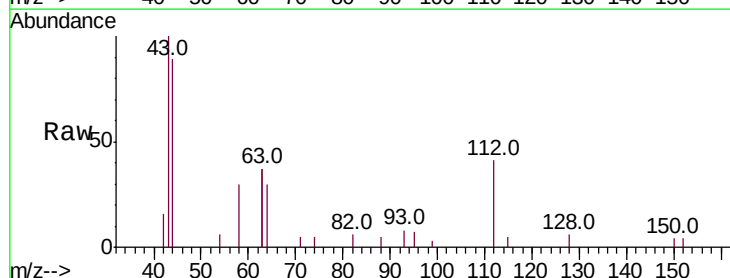
Tgt Ion: 112 Resp: 1052

Ion Ratio Lower Upper

112 100

64 75.2 59.8 89.8

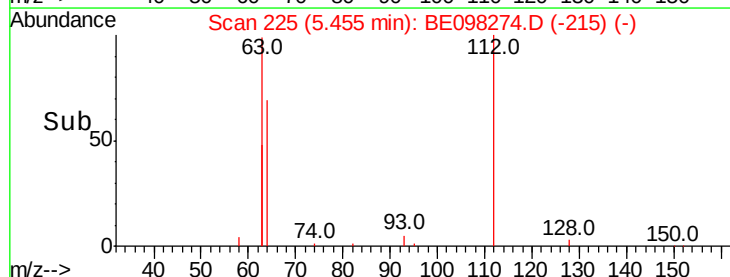
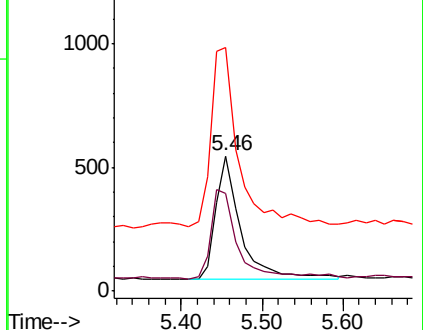
63 164.9 133.7 200.5

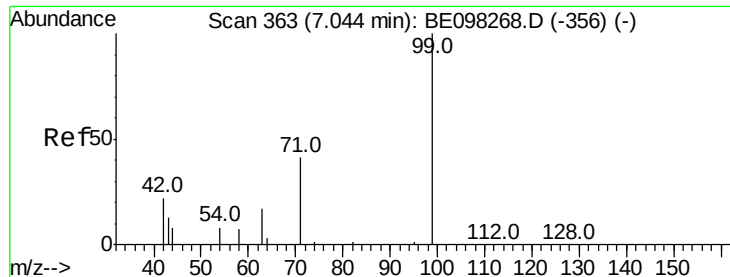


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.232 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampled :

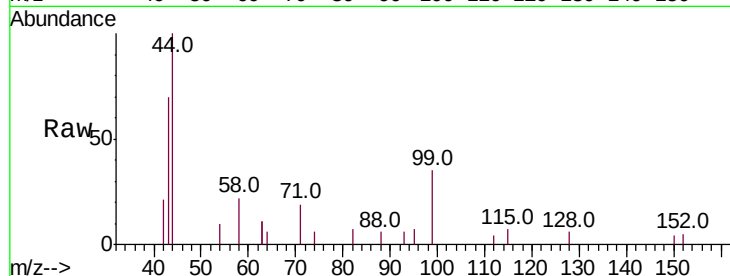
Tot Ion: 99 Resp: 1240

Ion Ratio Lower Upper

99 100

42 23.1 26.3 39.5#

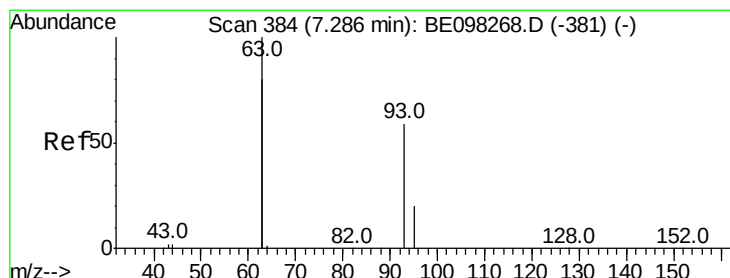
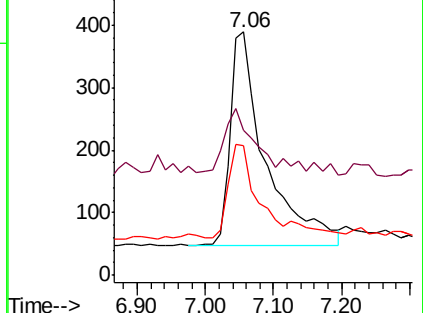
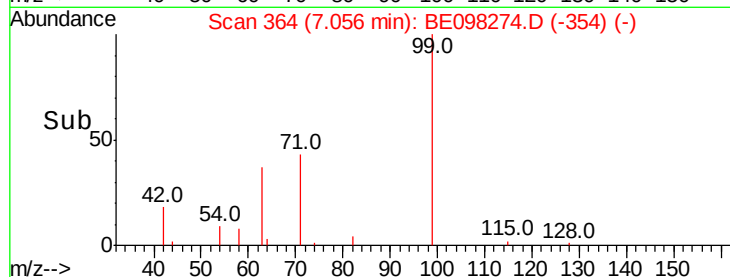
71 41.7 33.6 50.4



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: 0.002 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.02 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

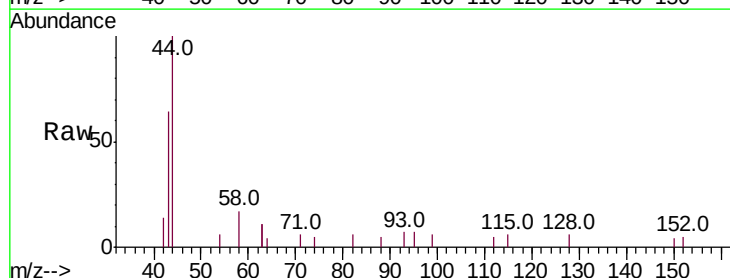
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 0.0 264.4 396.6#

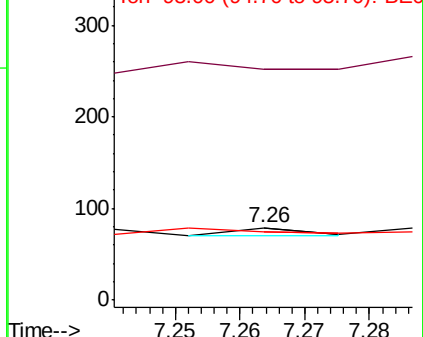
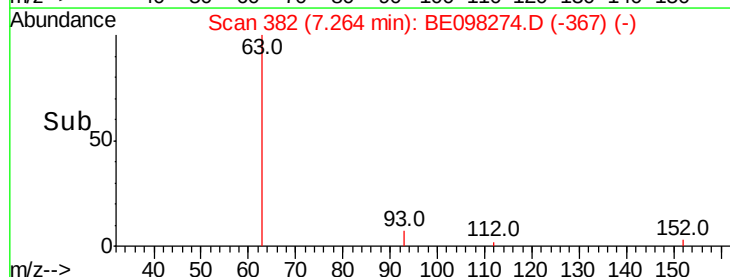
95 125.0 26.6 40.0#

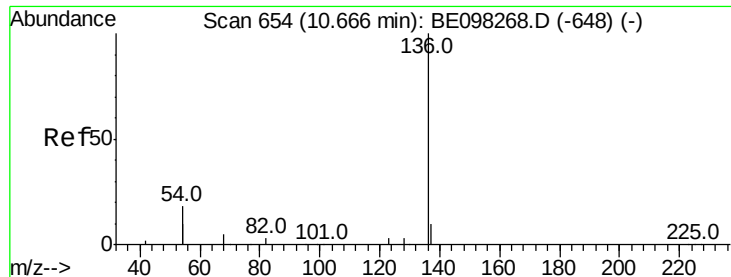


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5363

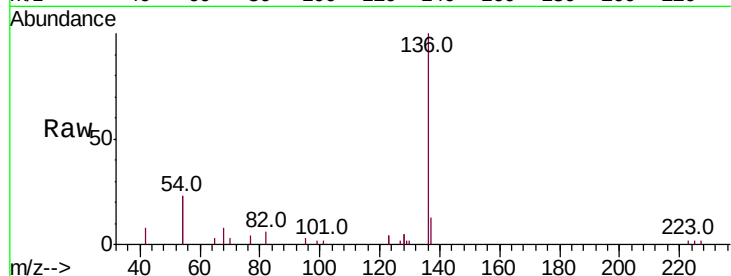
Ion Ratio Lower Upper

136 100

137 13.0 9.2 13.8

54 45.6 28.4 42.6#

68 7.6 5.4 8.0

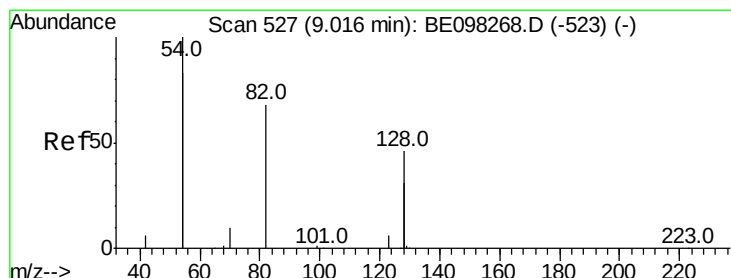
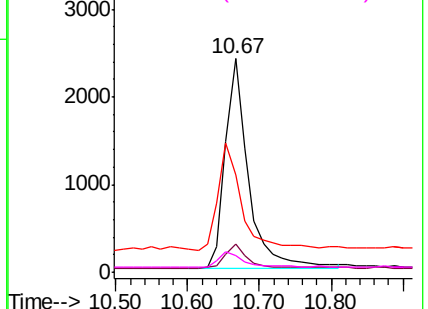
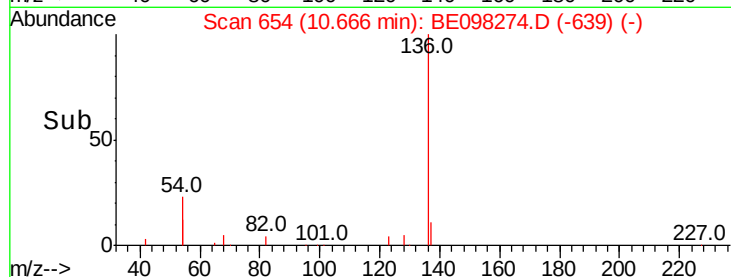


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.265 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

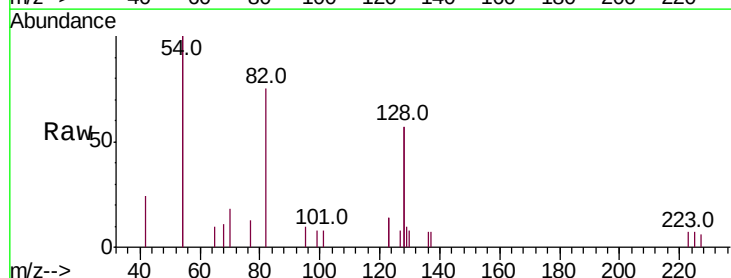
Tgt Ion: 82 Resp: 1440

Ion Ratio Lower Upper

82 100

128 150.5 102.4 153.6

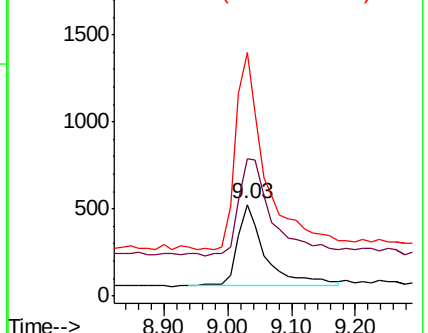
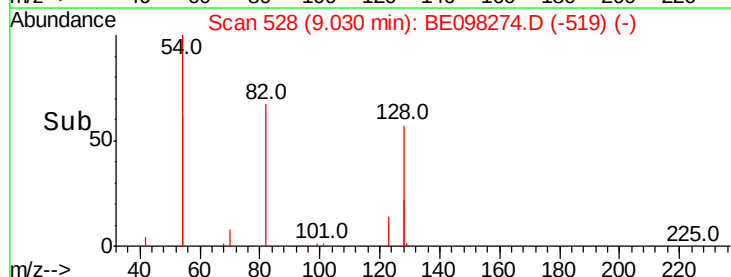
54 266.3 221.8 332.8

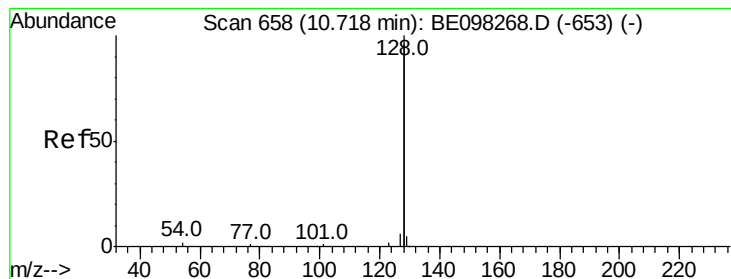


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.002 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.03 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

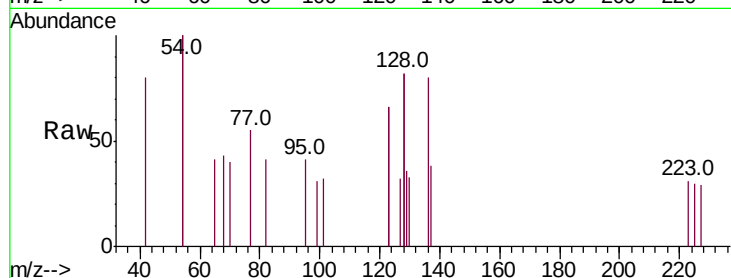
Tot Ion:128 Resp: 103

Ion Ratio Lower Upper

128 100

129 22.3 2.5 3.7#

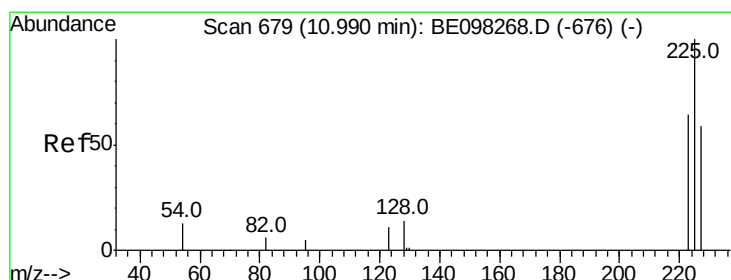
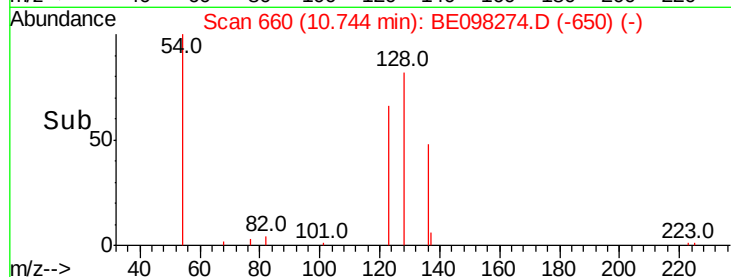
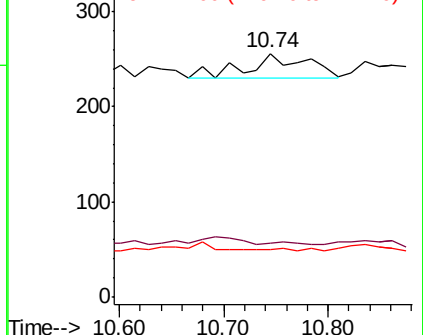
127 19.5 2.7 4.1#



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: 0.002 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.03 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

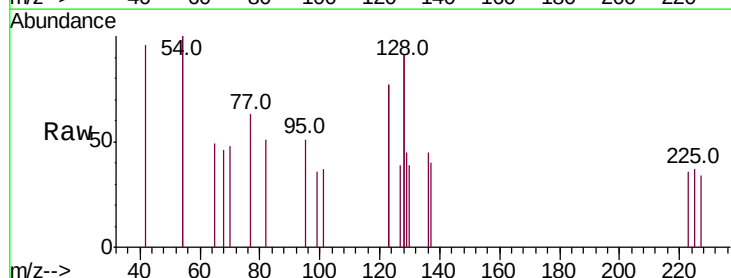
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 0.0 49.4 74.0#

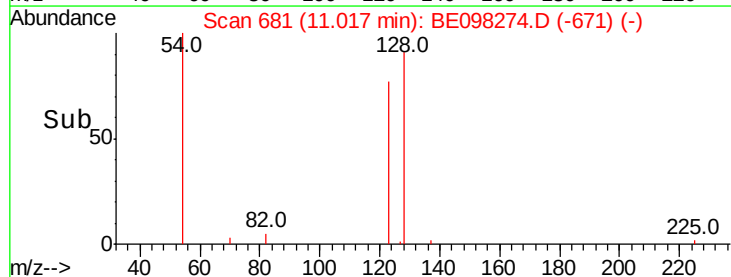
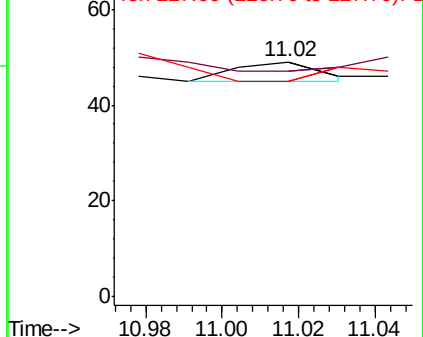
227 66.7 52.0 78.0

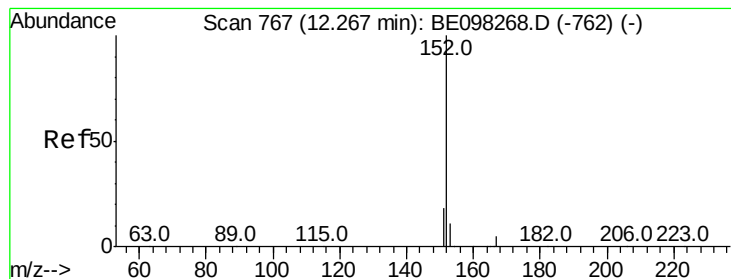


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.295 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

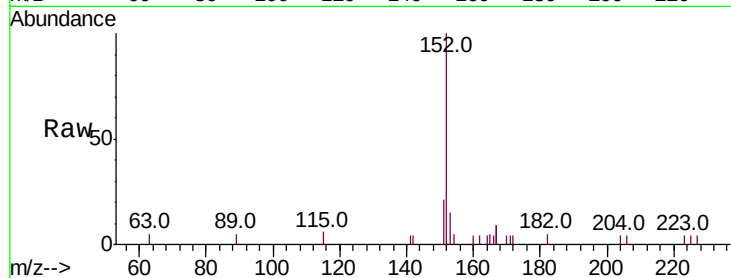
ClientSampleId :

Tot Ion:152 Resp: 2567

Ion Ratio Lower Upper

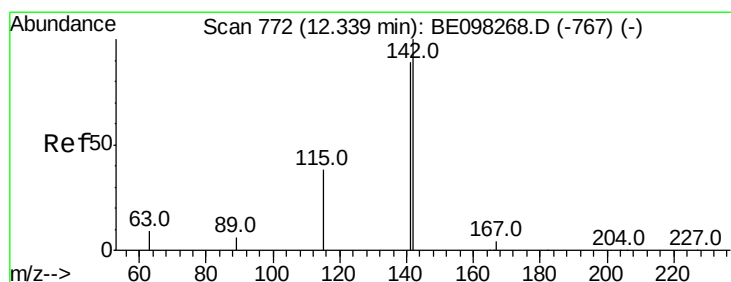
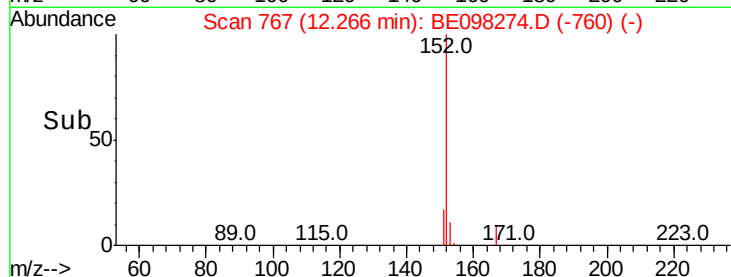
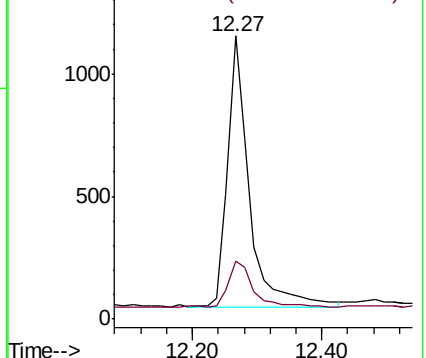
152 100

151 19.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.03 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

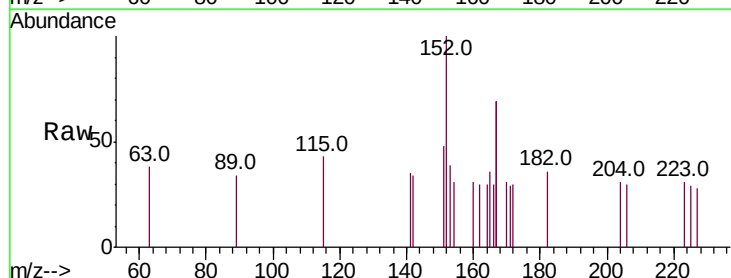
Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

142 100

141 103.8 71.0 106.6

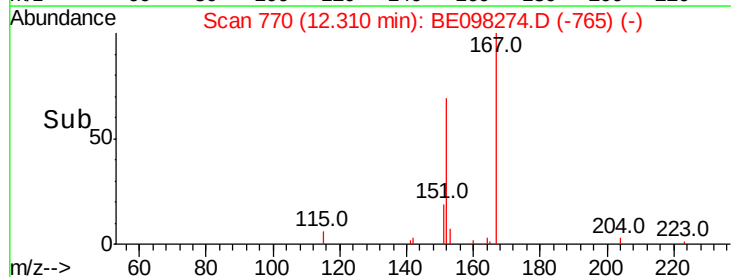
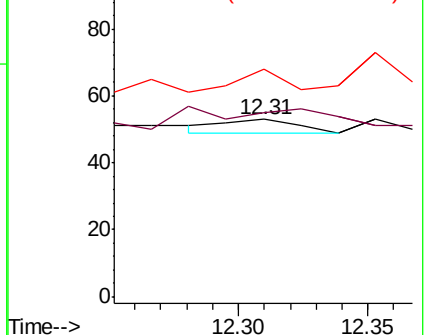
115 128.3 32.2 48.2#

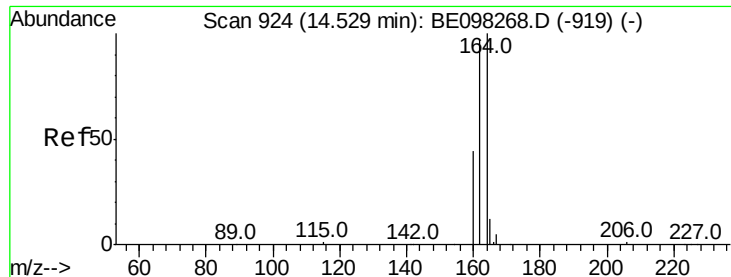


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

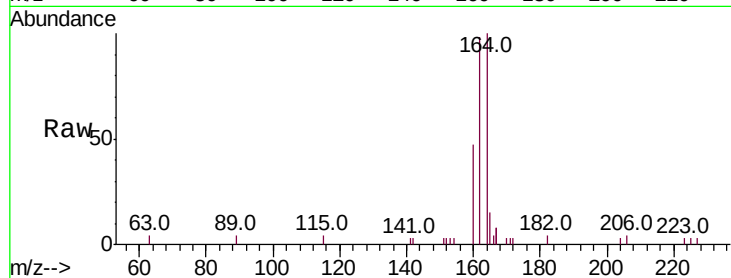
Tot Ion:164 Resp: 3006

Ion Ratio Lower Upper

164 100

162 98.5 77.6 116.4

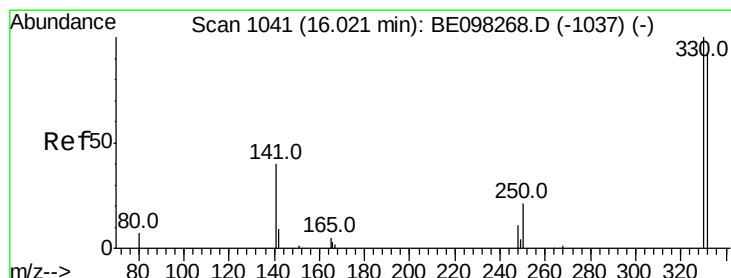
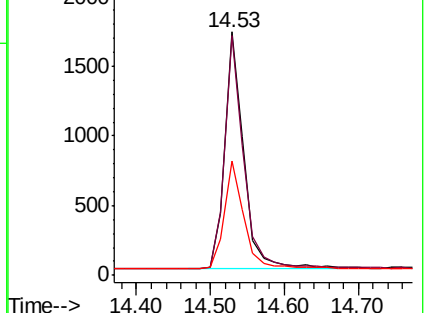
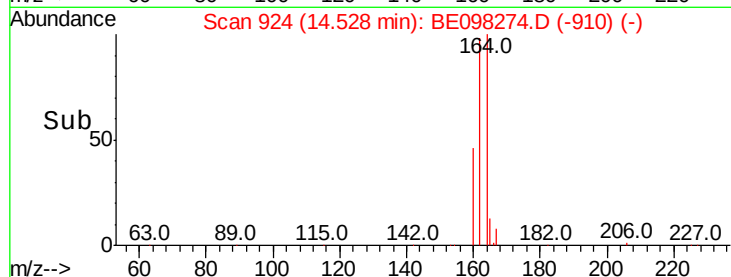
160 47.2 36.0 54.0



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: 0.180 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

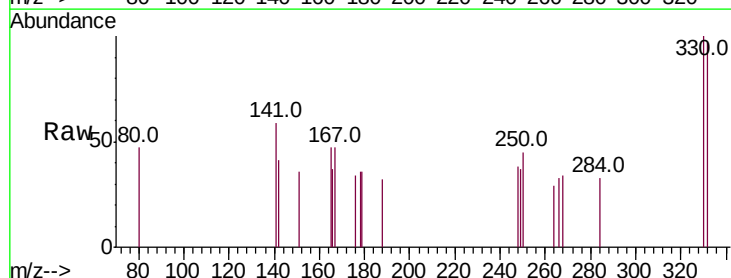
Tgt Ion:330 Resp: 257

Ion Ratio Lower Upper

330 100

332 105.8 76.2 114.4

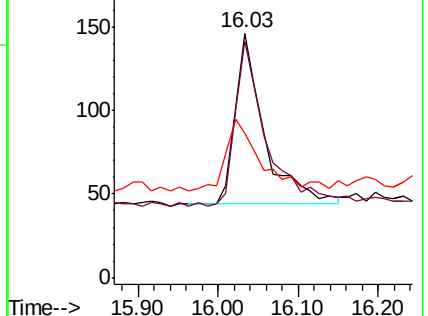
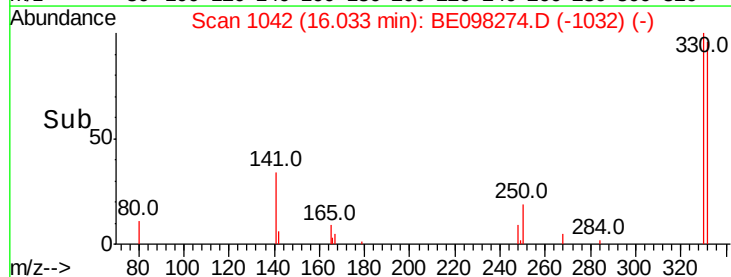
141 50.2 39.0 58.4

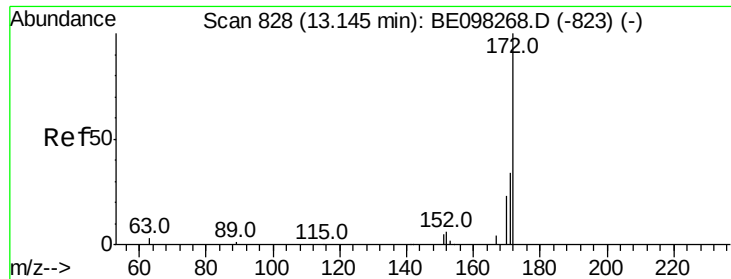


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

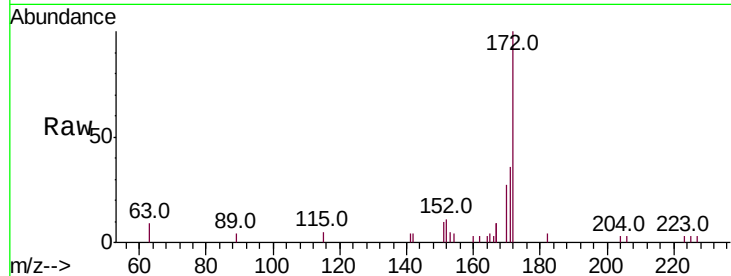




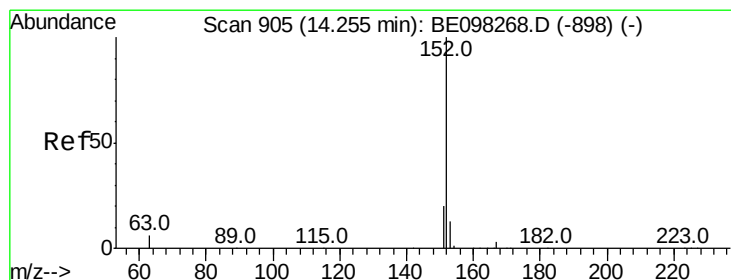
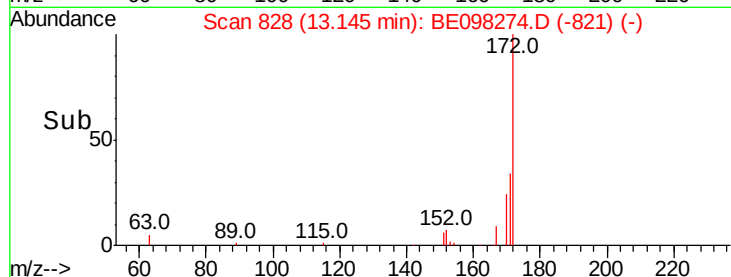
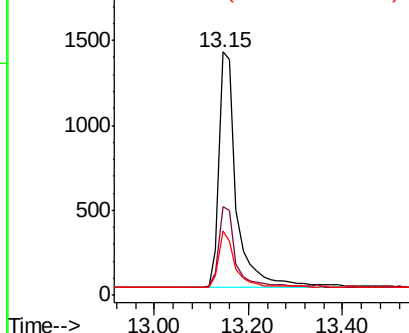
#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3637
Ion Ratio Lower Upper
172 100
171 36.5 27.5 41.3
170 26.6 19.6 29.4

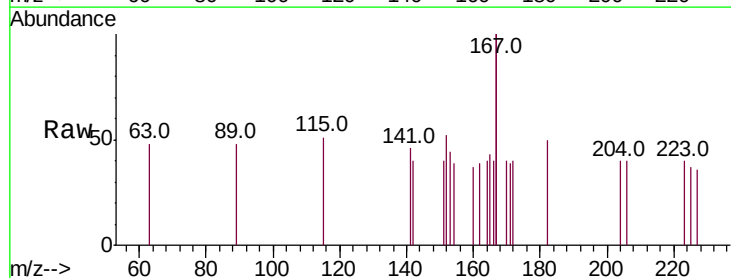


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

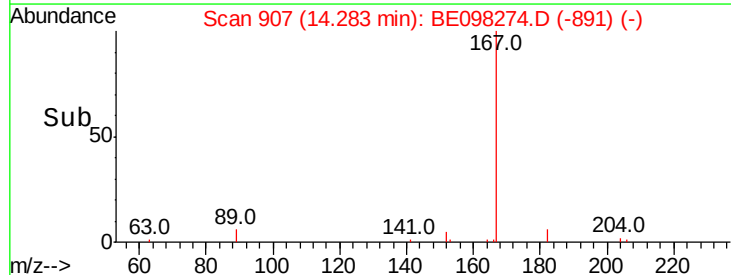
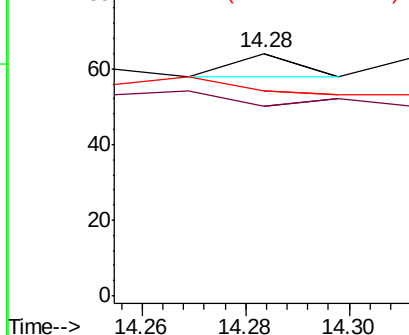


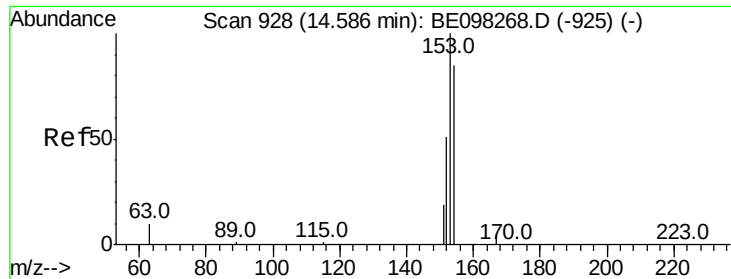
#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.03 min
Lab File: BE098274.D
Acq: 29 Nov 2018 15:12

Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 180.0 15.5 23.3#
153 780.0 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: 0.002 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.06 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

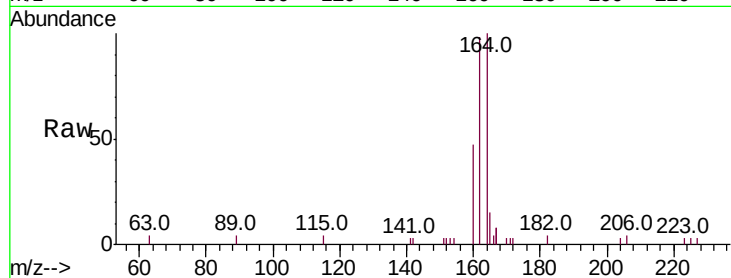
Tot Ion:154 Resp: 16

Ion Ratio Lower Upper

154 100

153 0.0 91.8 137.6#

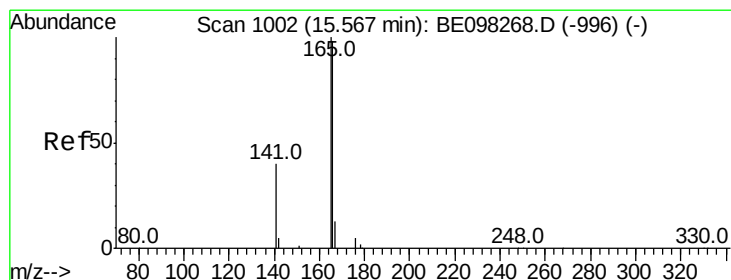
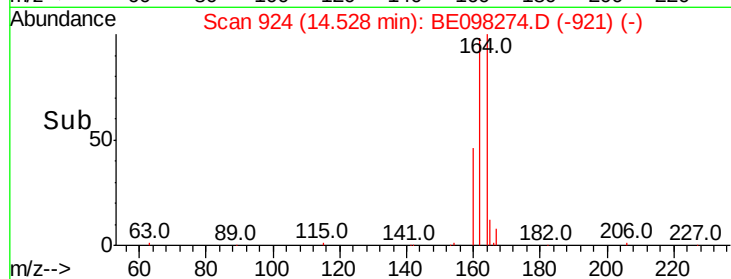
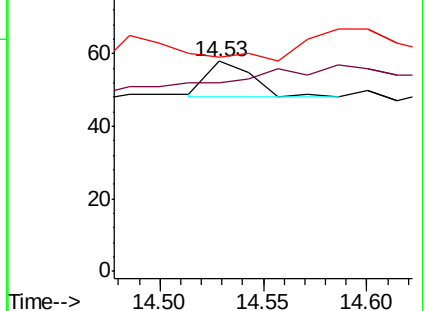
152 0.0 45.5 68.3#



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: 0.001 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

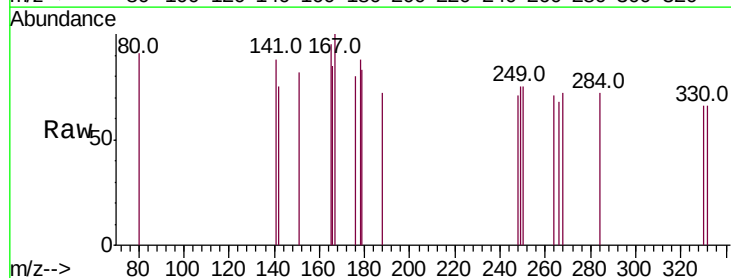
Tgt Ion:166 Resp: 15

Ion Ratio Lower Upper

166 100

165 0.0 79.3 118.9#

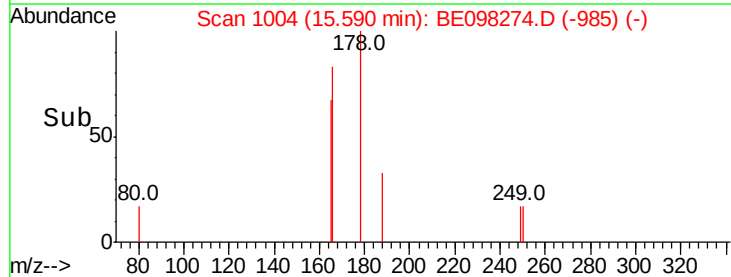
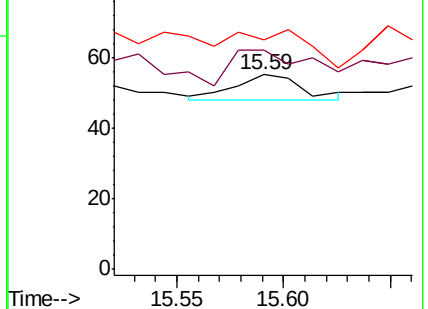
167 160.0 11.3 16.9#

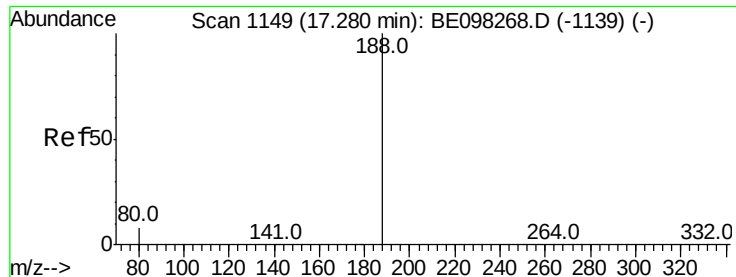


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampled :

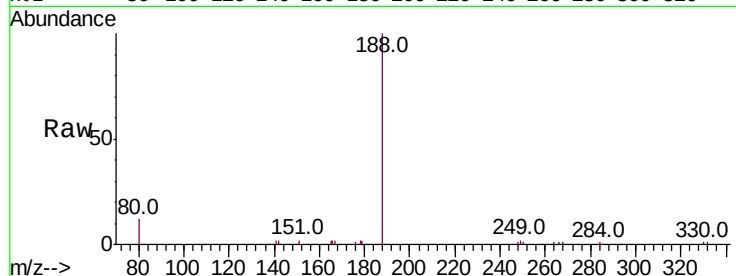
Tot Ion:188 Resp: 7028

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

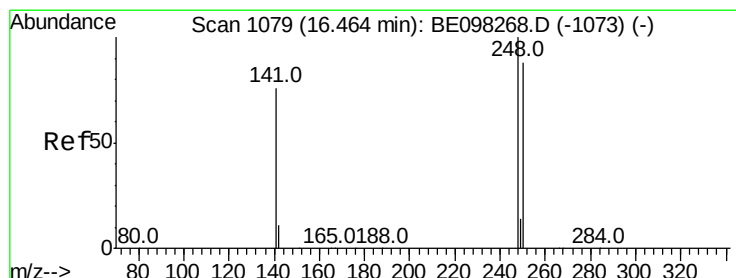
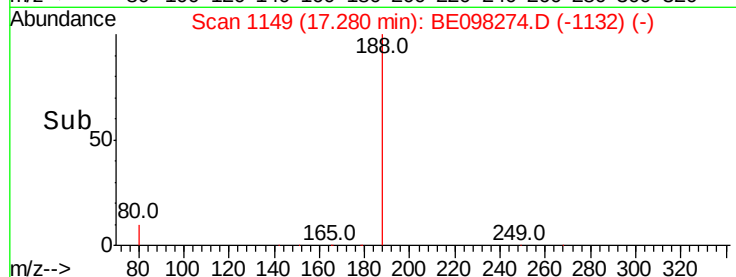
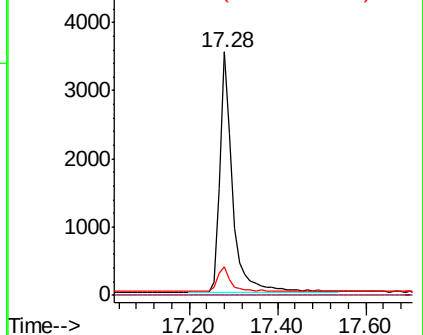
80 11.9 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

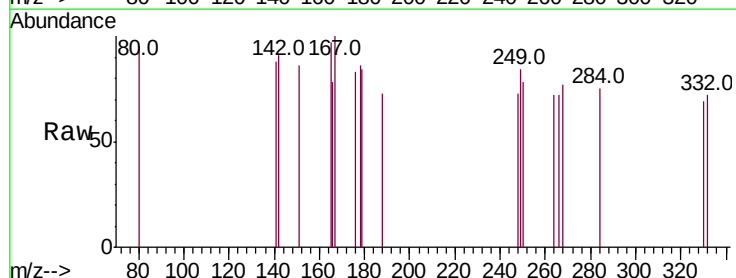
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 106.4 71.0 106.6

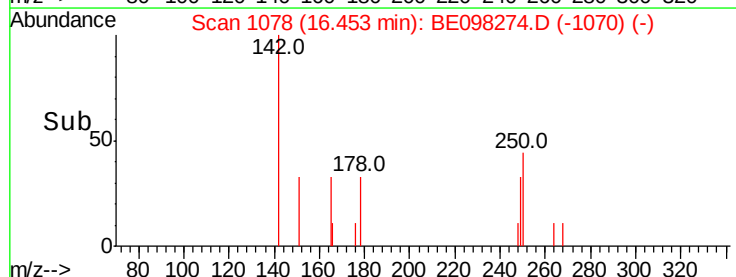
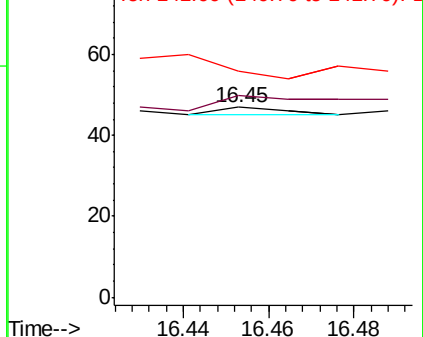
141 119.1 62.1 93.1#

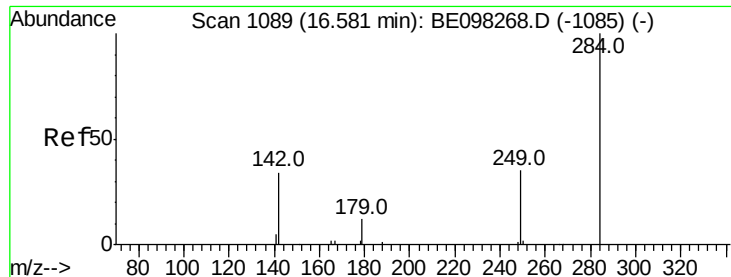


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098274.D

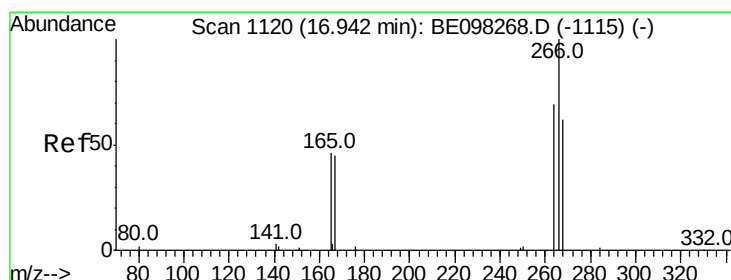
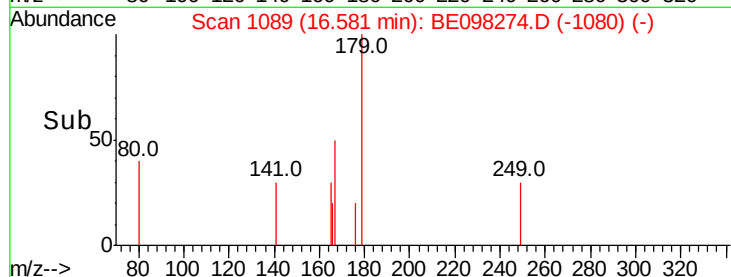
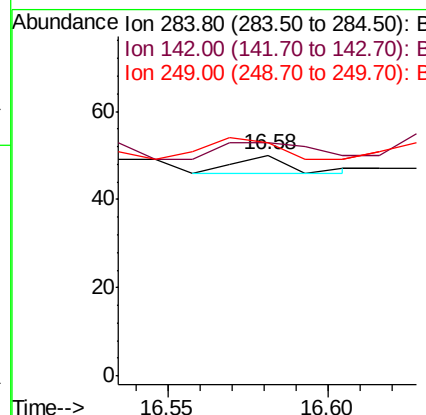
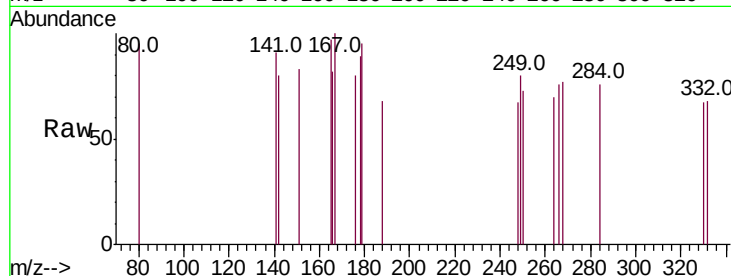
Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

Tot	Ion:284	Resp:	5
Ion	Ratio	Lower	Upper
284	100		
142	160.0	26.3	39.5#
249	160.0	26.0	39.0#



#22

Pentachlorophenol

Concen: 0.096 ng

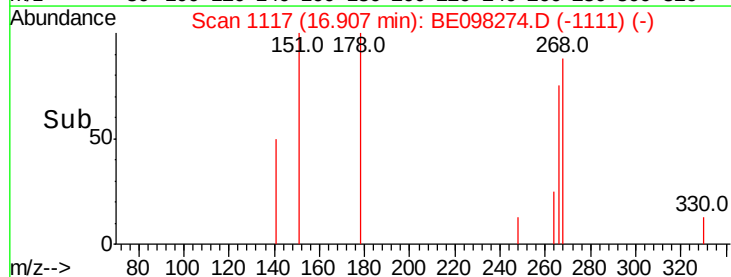
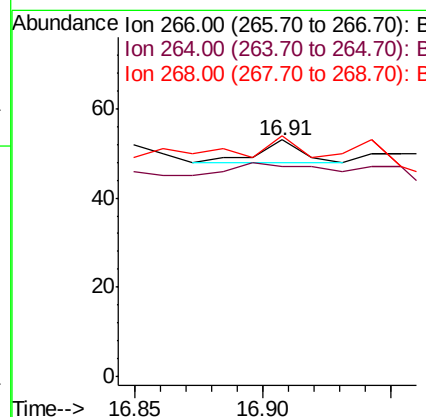
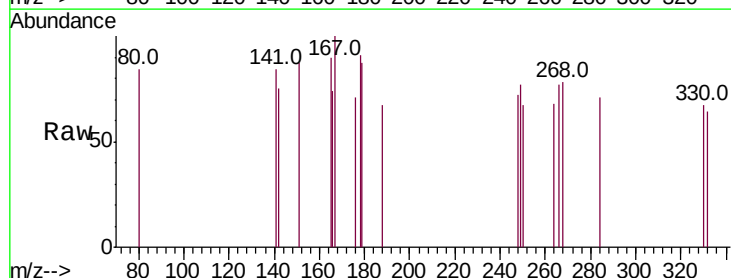
RT: 16.91 min Scan# 1117

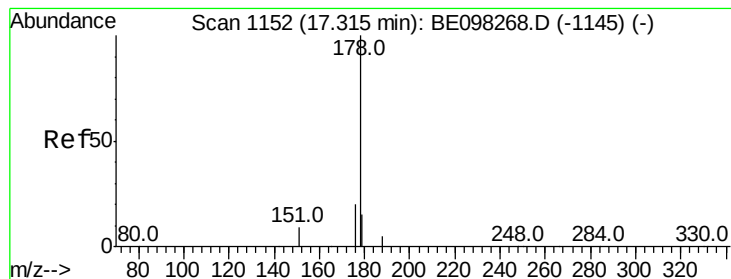
Delta R.T. -0.03 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Tgt Ion:266	Resp:	6
Ion Ratio	Lower	Upper
266 100		
264 88.7	59.0	88.4#
268 101.9	55.1	82.7#





#23

Phenanthrene

Concen: 0.002 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampled :

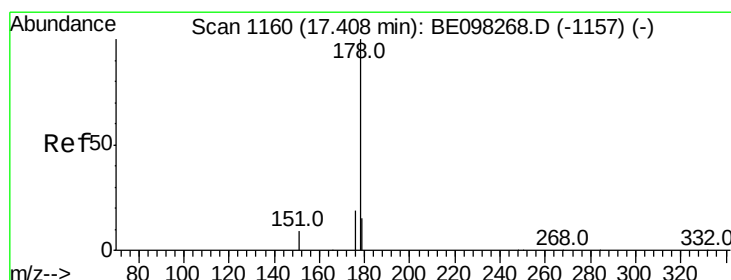
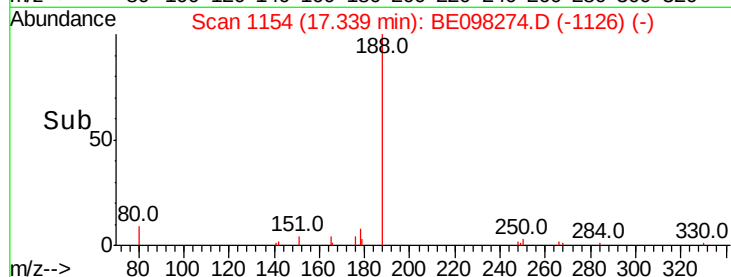
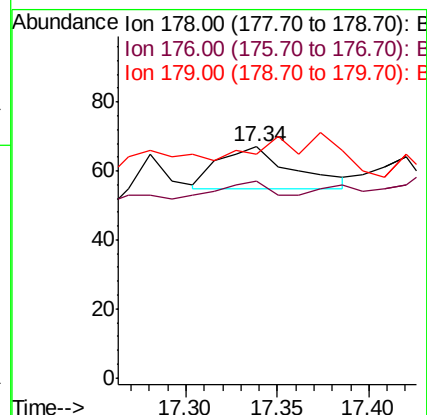
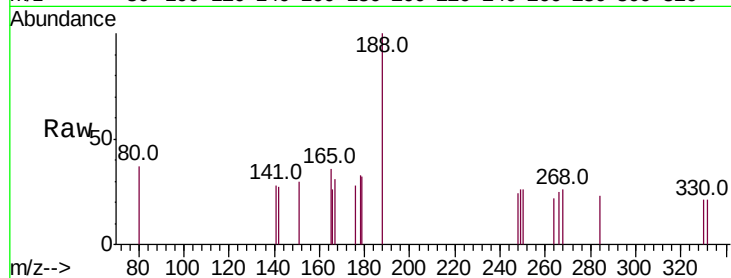
Tot Ion:178 Resp: 34

Ion Ratio Lower Upper

178 100

176 35.3 15.9 23.9#

179 0.0 12.3 18.5#



#24

Anthracene

Concen: 0.001 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

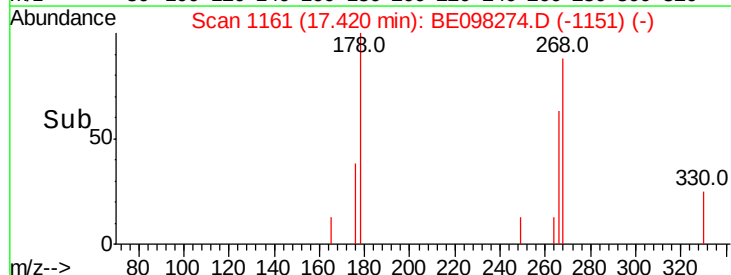
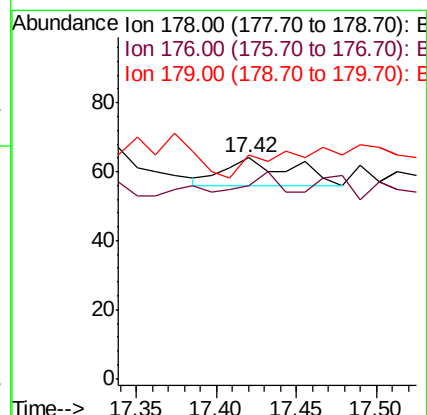
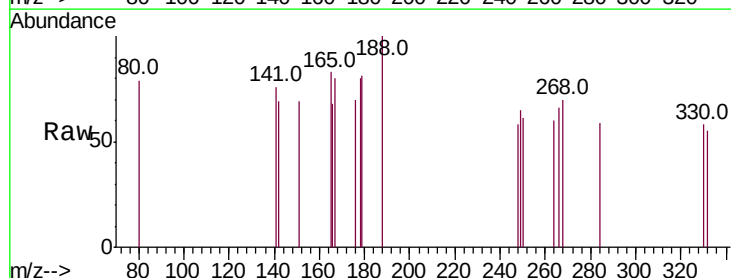
Tgt Ion:178 Resp: 23

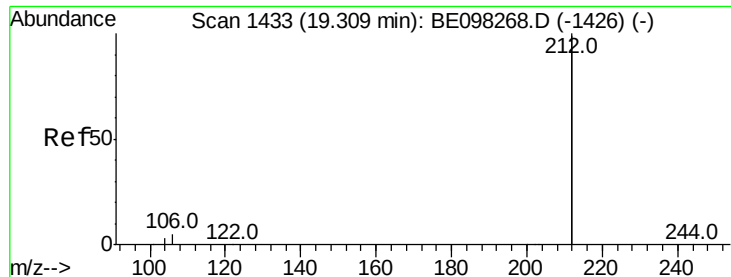
Ion Ratio Lower Upper

178 100

176 43.5 15.0 22.4#

179 0.0 12.3 18.5#





#25

Fluoranthene-d10

Concen: 0.308 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampled :

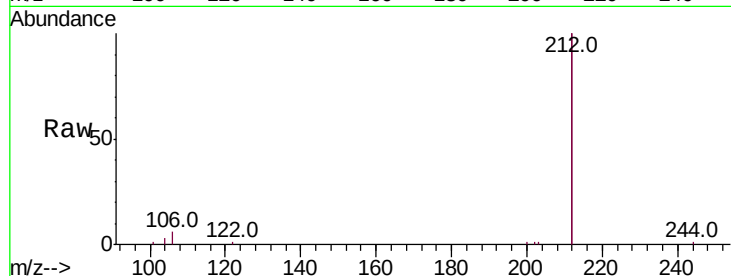
Tot Ion:212 Resp: 29236

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.2

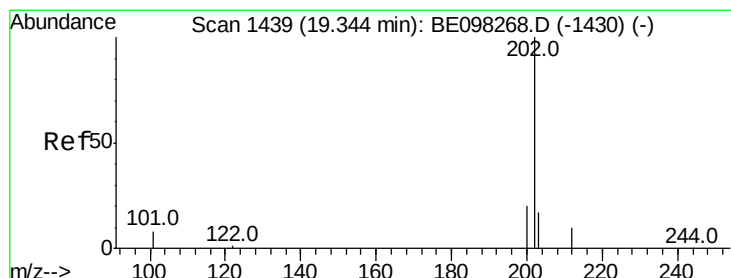
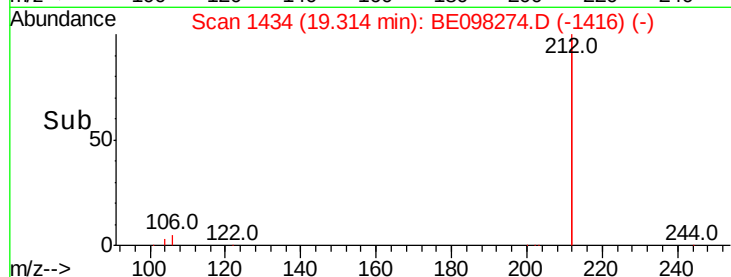
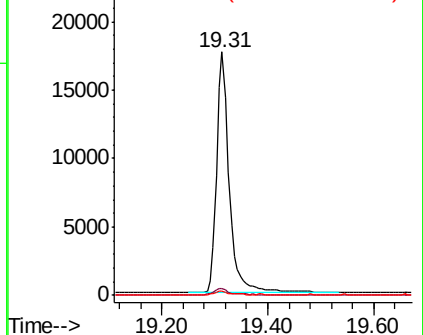
104 1.5 1.3 1.9



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: 0.003 ng

RT: 19.35 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

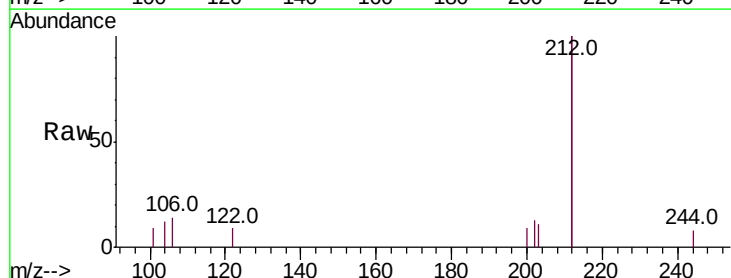
Tgt Ion:202 Resp: 64

Ion Ratio Lower Upper

202 100

101 21.9 8.0 12.0#

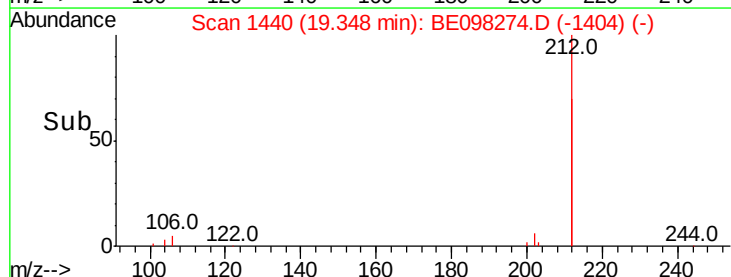
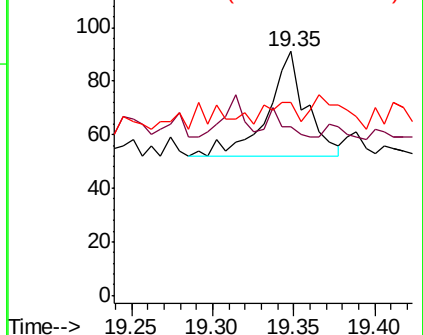
203 20.3 13.8 20.6

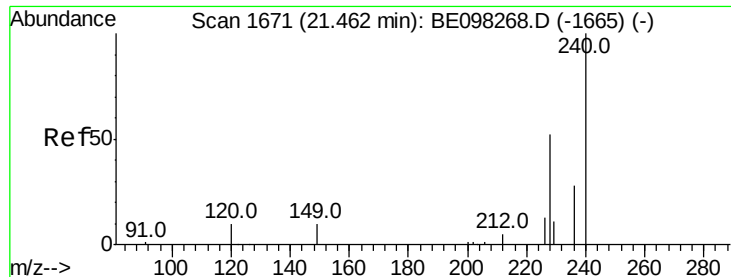


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

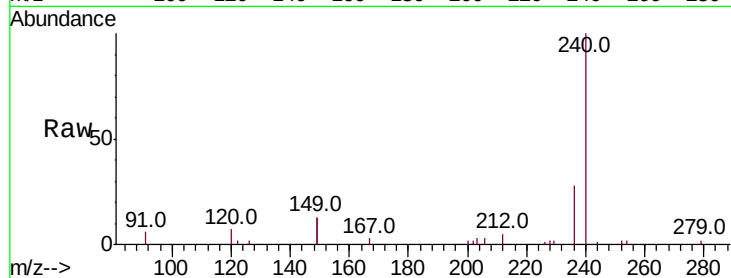
Tot Ion:240 Resp: 9913

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

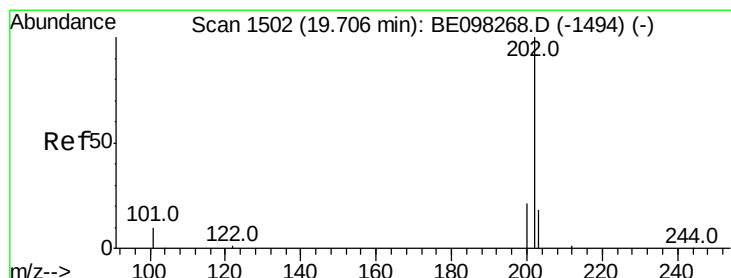
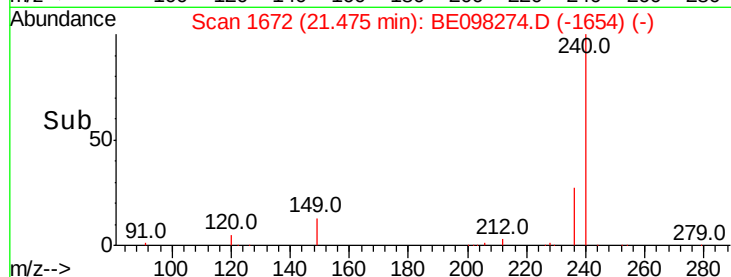
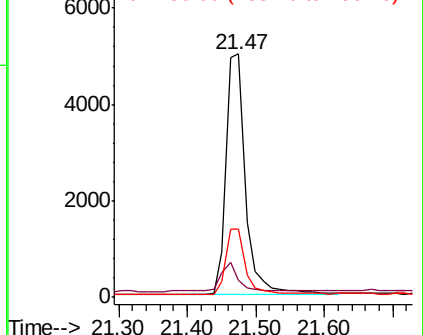
236 27.8 22.7 34.1



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: 0.003 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

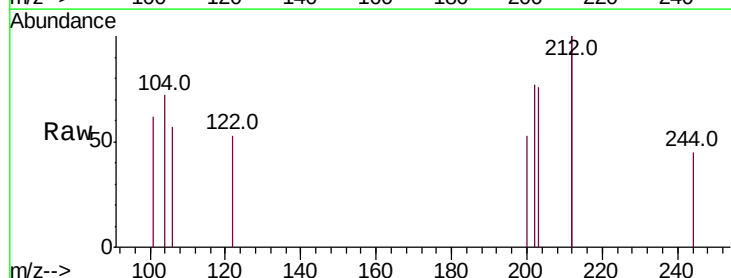
Tgt Ion:202 Resp: 84

Ion Ratio Lower Upper

202 100

200 8.3 16.7 25.1#

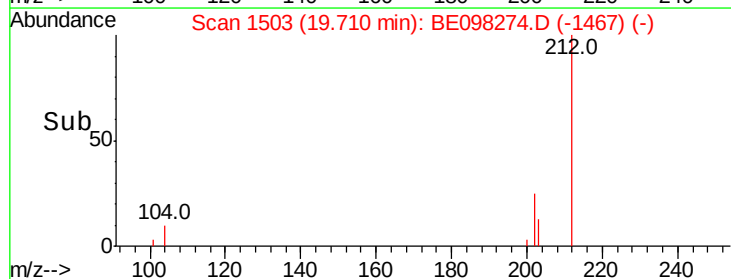
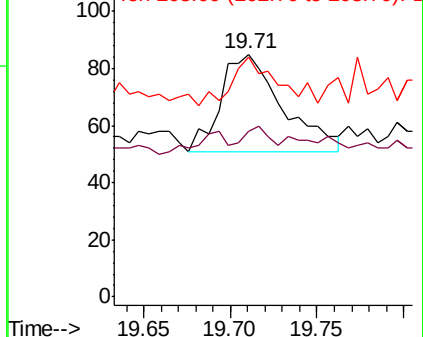
203 35.7 14.1 21.1#

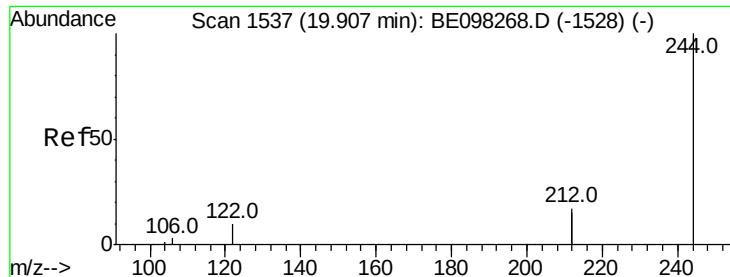


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.230 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

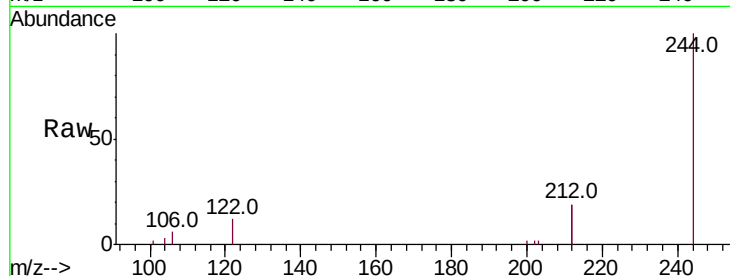
Tot Ion:244 Resp: 5127

Ion Ratio Lower Upper

244 100

212 39.0 27.4 41.0

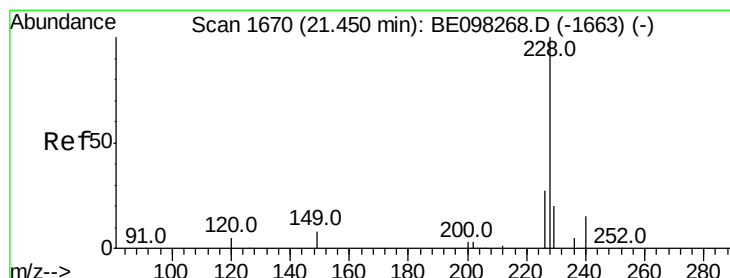
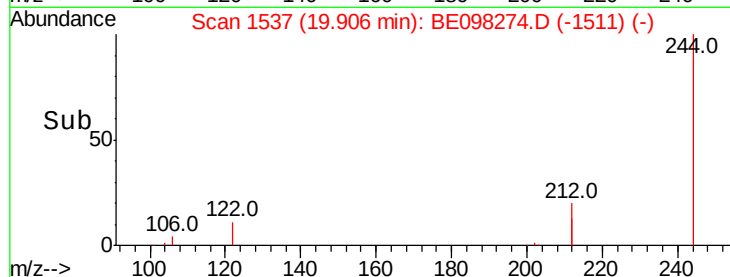
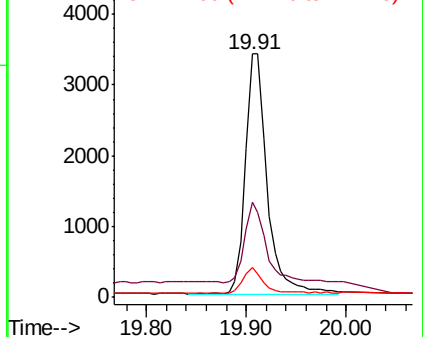
122 12.5 8.3 12.5



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: 0.006 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

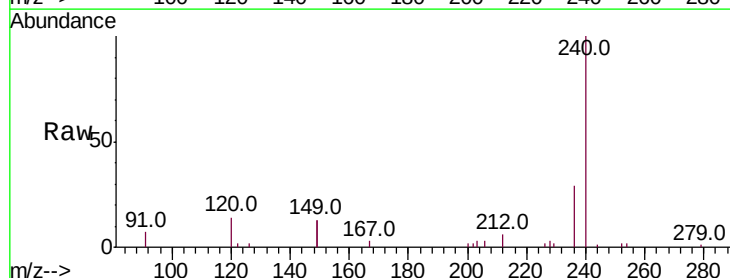
Tgt Ion:228 Resp: 182

Ion Ratio Lower Upper

228 100

226 61.1 21.8 32.8#

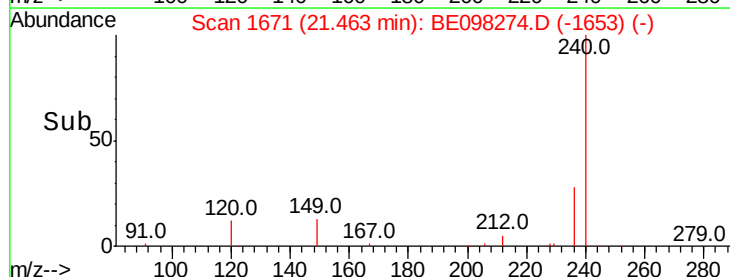
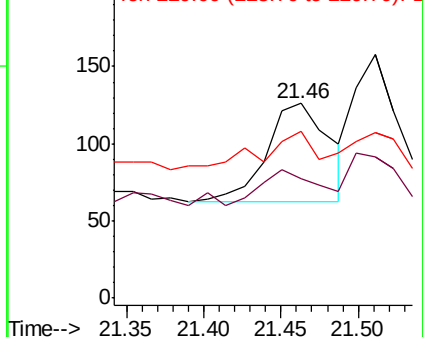
229 85.7 16.3 24.5#

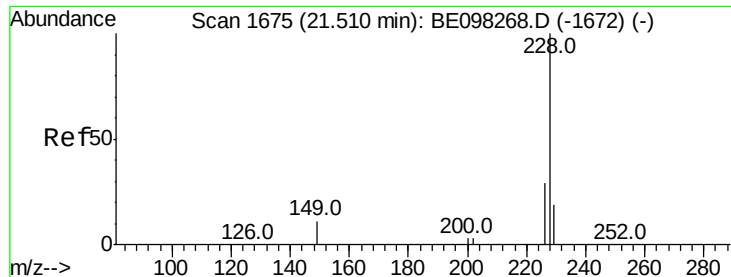


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.006 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampled :

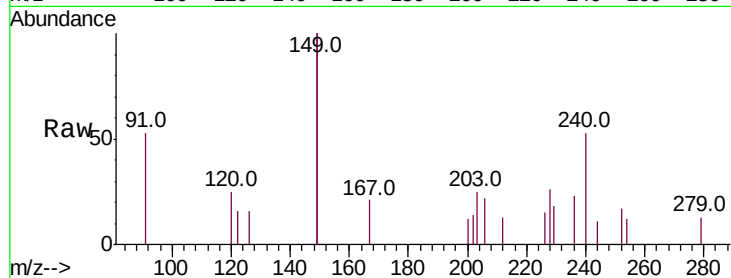
Tot Ion:228 Resp: 173

Ion Ratio Lower Upper

228 100

226 57.6 23.4 35.0#

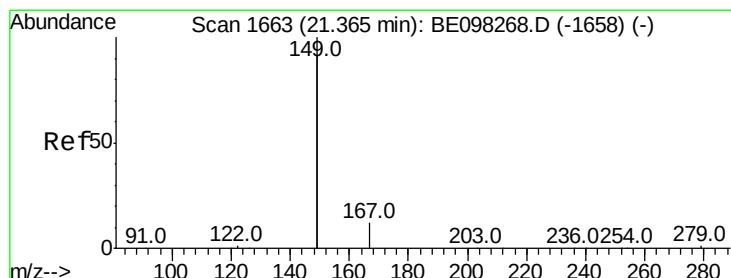
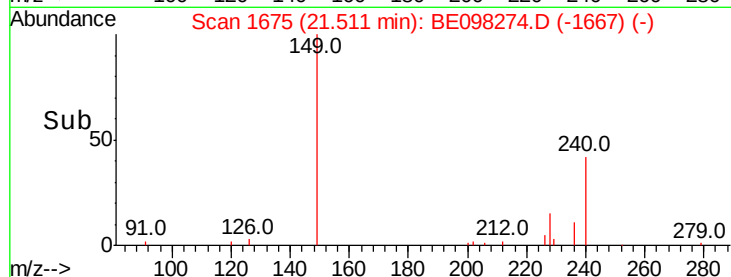
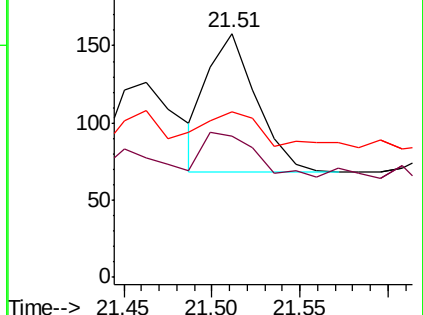
229 67.7 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.012 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

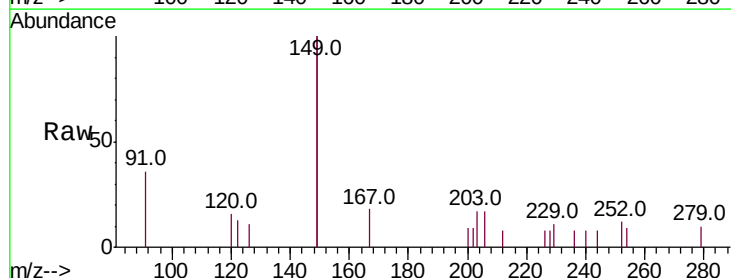
Tgt Ion:149 Resp: 858

Ion Ratio Lower Upper

149 100

167 9.8 5.7 8.5#

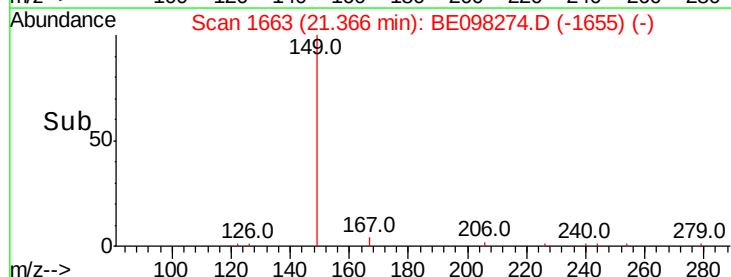
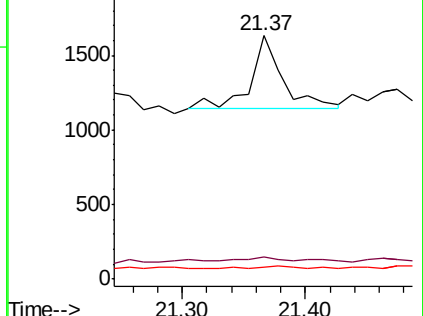
279 3.7 1.0 1.4#

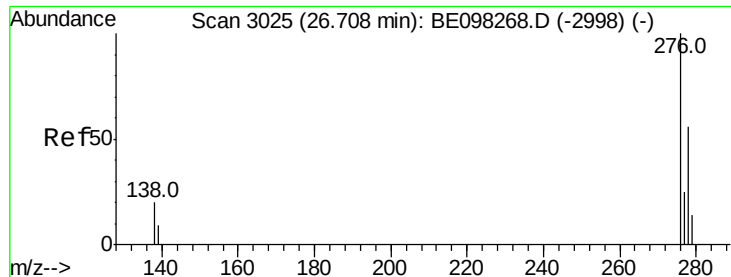


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.71 min Scan# 3026

Delta R.T. 0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

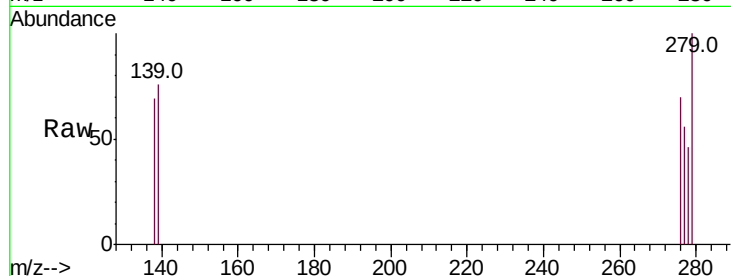
Tot Ion:276 Resp: 54

Ion Ratio Lower Upper

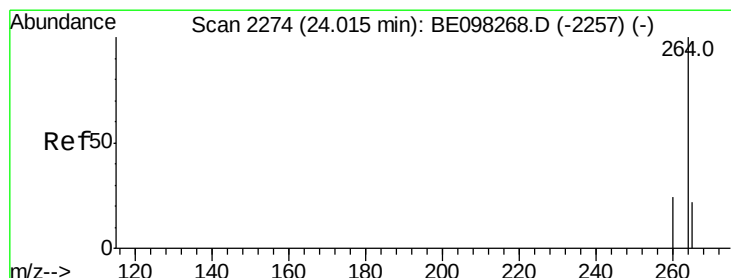
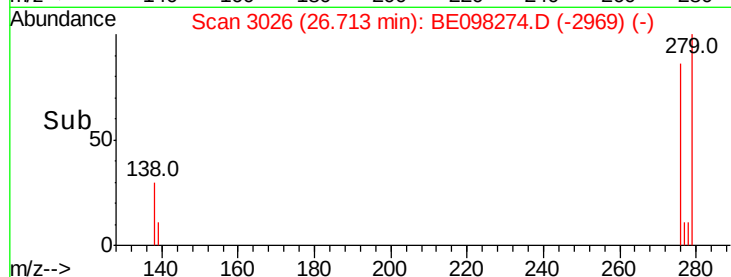
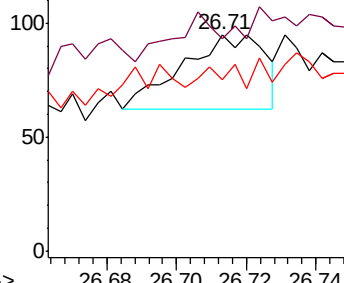
276 100

138 33.3 16.3 24.5#

277 5.6 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: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

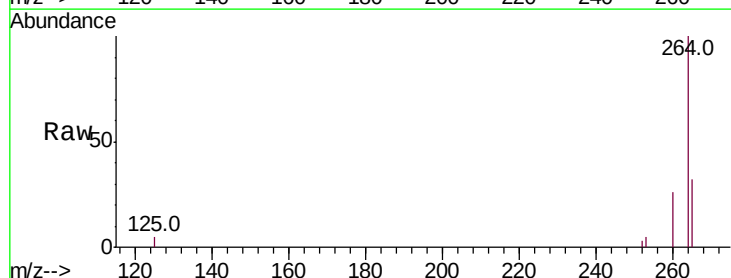
Tgt Ion:264 Resp: 10221

Ion Ratio Lower Upper

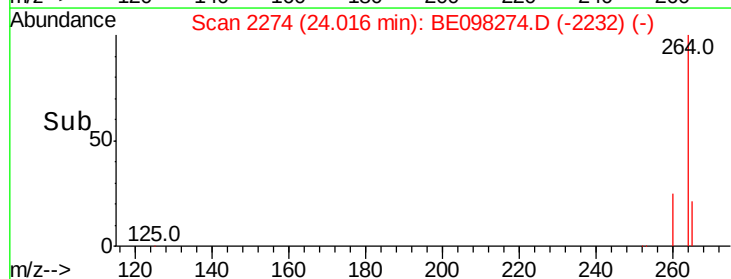
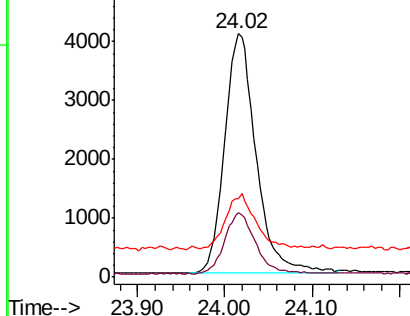
264 100

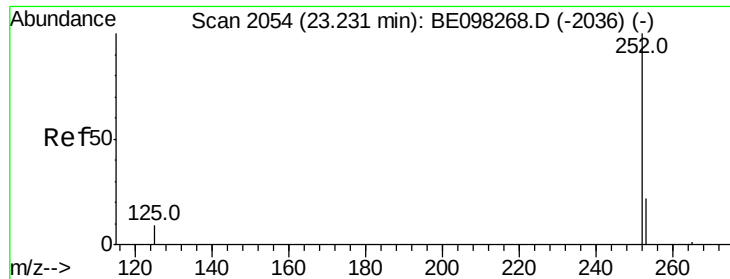
260 26.3 20.2 30.2

265 32.1 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: 0.010 ng

RT: 23.24 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

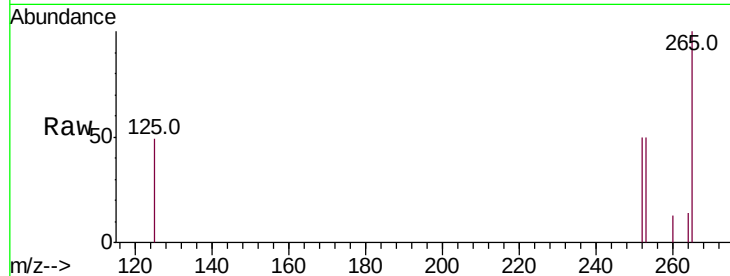
Tot Ion:252 Resp: 285

Ion Ratio Lower Upper

252 100

253 98.7 20.0 30.0#

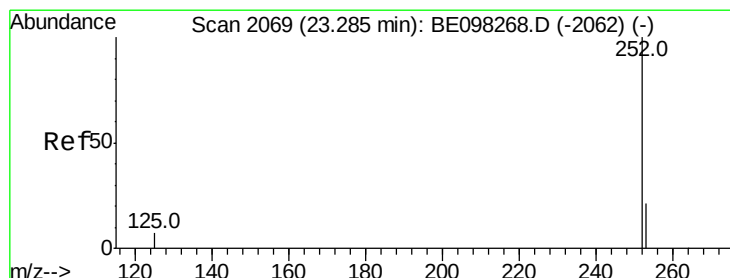
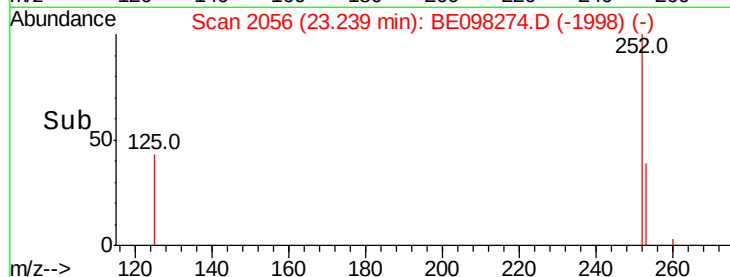
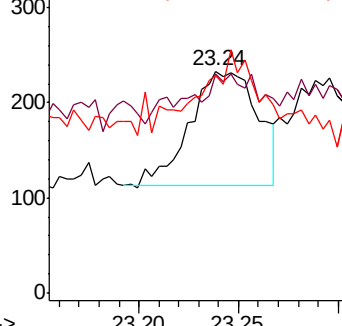
125 98.3 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 23.30 min Scan# 2072

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

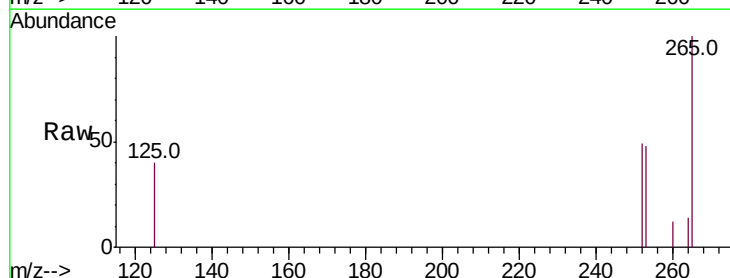
Tgt Ion:252 Resp: 205

Ion Ratio Lower Upper

252 100

253 96.5 19.0 28.6#

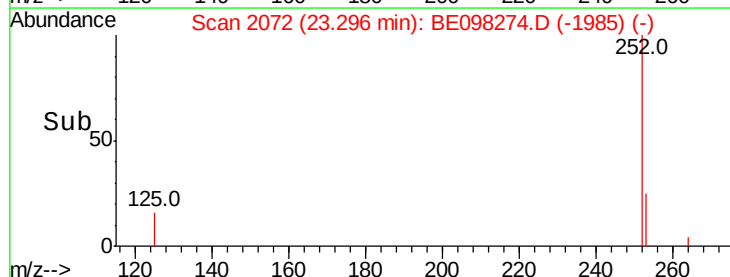
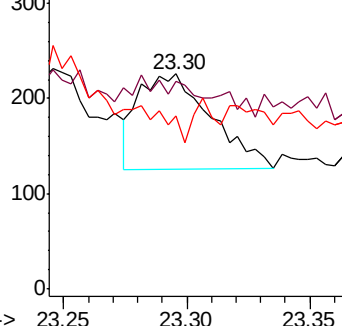
125 80.5 9.1 13.7#

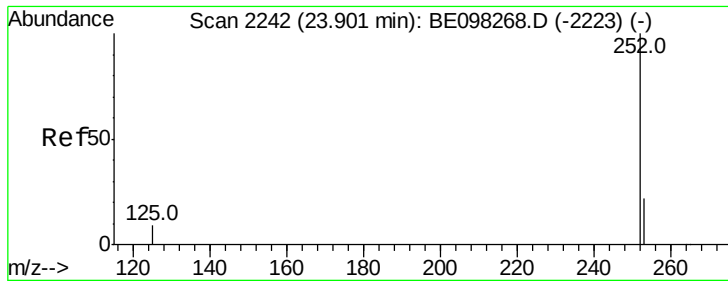


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.004 ng

RT: 23.91 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :

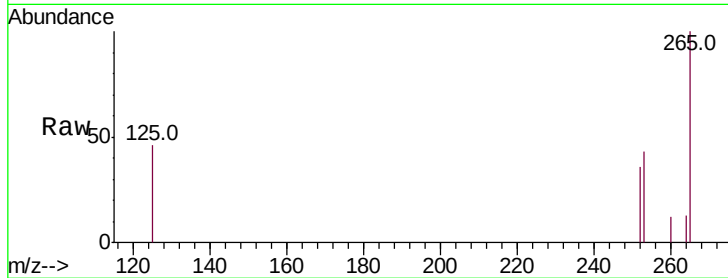
Tot Ion:252 Resp: 112

Ion Ratio Lower Upper

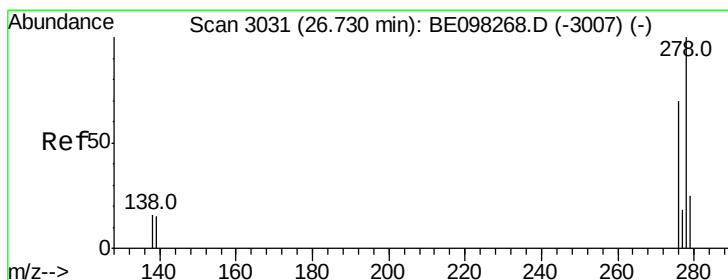
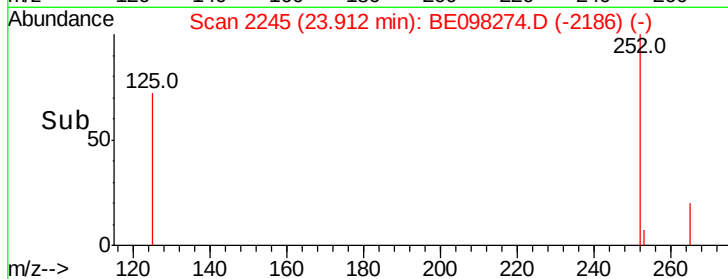
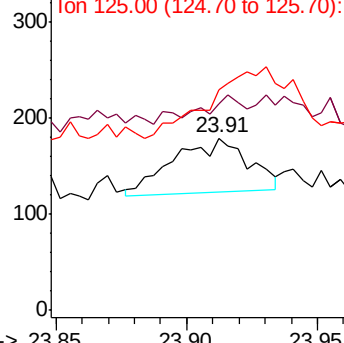
252 100

253 119.6 20.6 30.8#

125 127.9 10.5 15.7#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.75 min Scan# 3036

Delta R.T. 0.02 min

Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

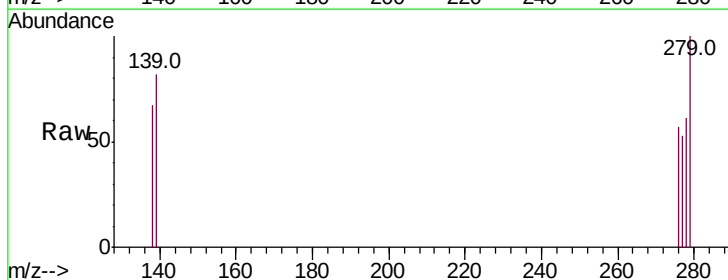
Tgt Ion:278 Resp: 58

Ion Ratio Lower Upper

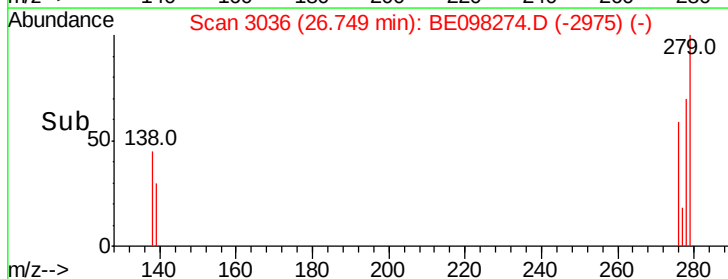
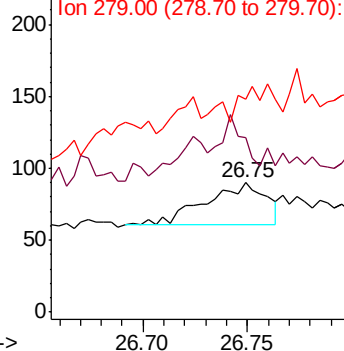
278 100

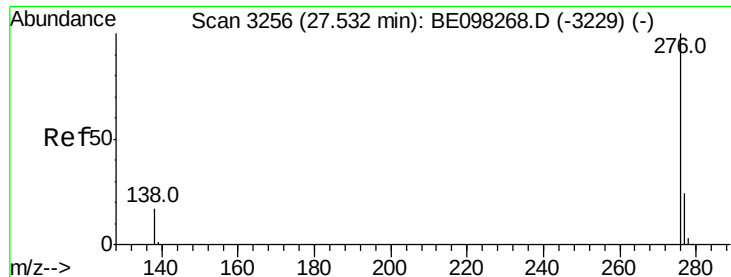
139 134.4 14.5 21.7#

279 164.4 21.8 32.8#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.001 ng

RT: 27.52 min Scan# 3253

Delta R.T. -0.01 min

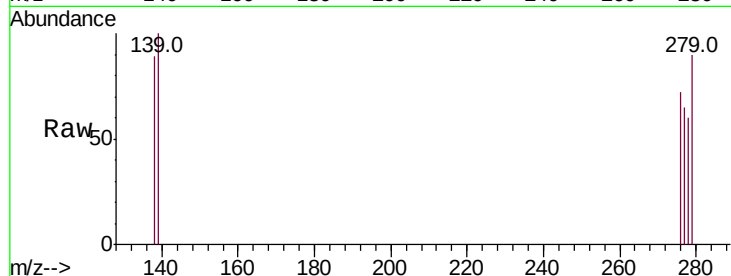
Lab File: BE098274.D

Acq: 29 Nov 2018 15:12

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 28

Ion Ratio Lower Upper

276 100

277 89.7 20.8 31.2#

138 123.1 15.8 23.6#

