

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098035.D
 Acq On : 24 Oct 2018 12:01
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 24 12:57:32 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 11:55:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1128	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5553	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3880	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9124	0.40	ng	0.00
27) Chrysene-d12	21.47	240	10425	0.40	ng	0.00
34) Perylene-d12	24.03	264	10539	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2705	0.76	ng	0.00
5) Phenol-d6	7.06	99	4418	0.84	ng	0.00
8) Nitrobenzene-d5	9.03	82	4638	0.88	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	7661	0.83	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1475	0.71	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	11917	0.75	ng	0.00
25) Fluoranthene-d10	19.32	212	91914	0.74	ng	0.00
29) Terphenyl-d14	19.92	244	19477	0.82	ng	0.00

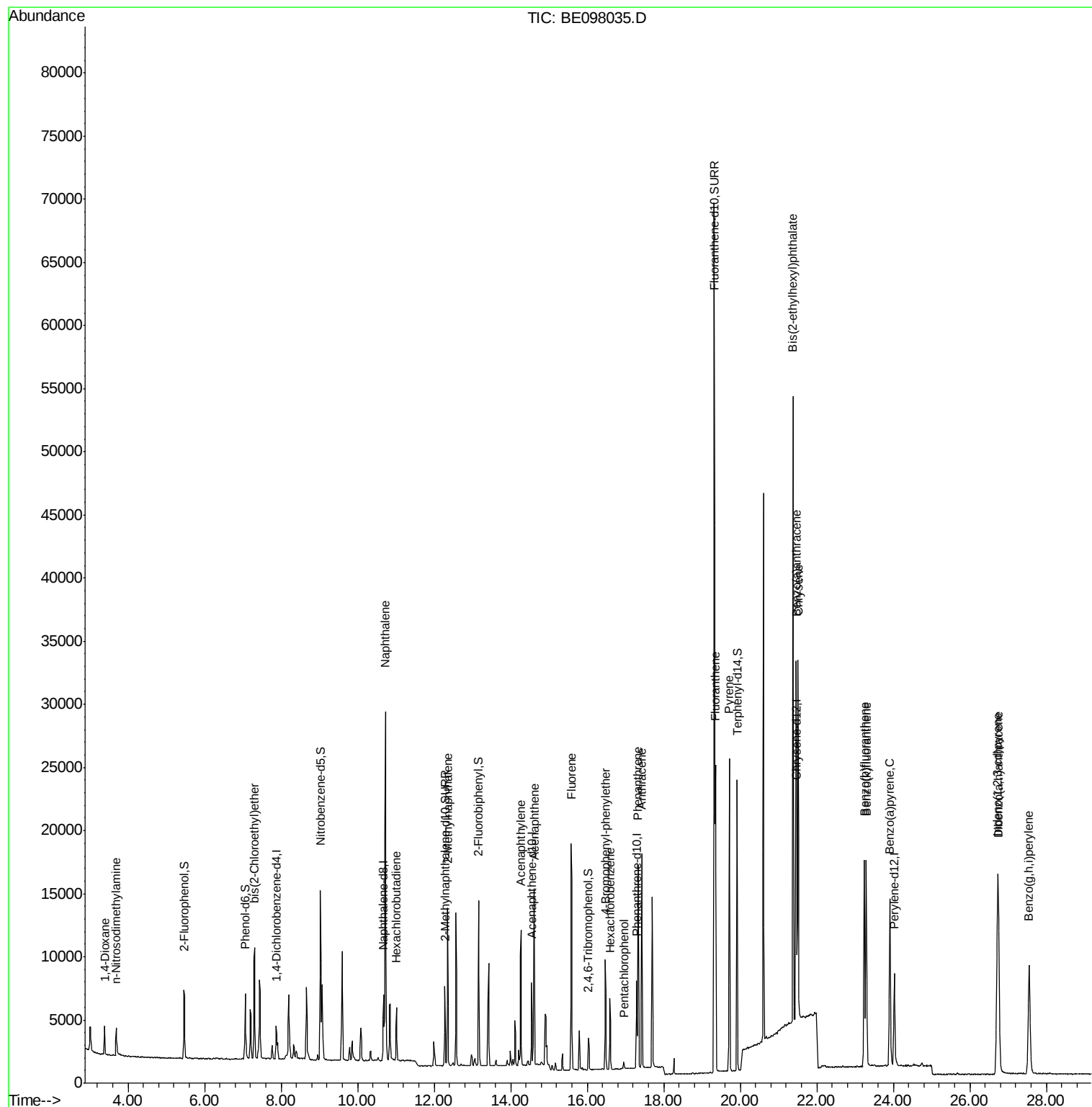
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1349	0.686	ng	98
3) n-Nitrosodimethylamine	3.69	42	1835	0.836	ng	83
6) bis(2-Chloroethyl)ether	7.30	93	3164	0.709	ng	94
9) Naphthalene	10.73	128	43716	0.791	ng	100
10) Hexachlorobutadiene	11.02	225	2886	0.969	ng	99
12) 2-Methylnaphthalene	12.35	142	7785	0.822	ng	95
16) Acenaphthylene	14.27	152	13556	0.756	ng	99
17) Acenaphthene	14.61	154	8355	0.763	ng	98
18) Fluorene	15.58	166	11092	0.736	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	4322	0.867	ng	# 89
21) Hexachlorobenzene	16.59	284	4476	0.913	ng	98
22) Pentachlorophenol	16.95	266	377	0.266	ng	# 88
23) Phenanthrene	17.33	178	17701	0.764	ng	100
24) Anthracene	17.42	178	17390	0.794	ng	99
26) Fluoranthene	19.35	202	21981	0.723	ng	97
28) Pyrene	19.72	202	23230	0.772	ng	100
30) Benzo(a)anthracene	21.46	228	24994	0.782	ng	97
31) Chrysene	21.51	228	24011	0.793	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	57249	0.767	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	26518	0.815	ng	# 94
35) Benzo(b)fluoranthene	23.24	252	23007	0.759	ng	# 89
36) Benzo(k)fluoranthene	23.29	252	24172	0.765	ng	# 89
37) Benzo(a)pyrene	23.91	252	22715	0.768	ng	# 90
38) Dibenzo(a,h)anthracene	26.75	278	22053	0.762	ng	# 93
39) Benzo(g,h,i)perylene	27.55	276	21843	0.737	ng	# 91

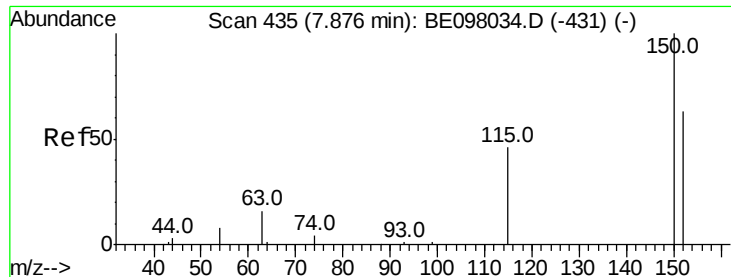
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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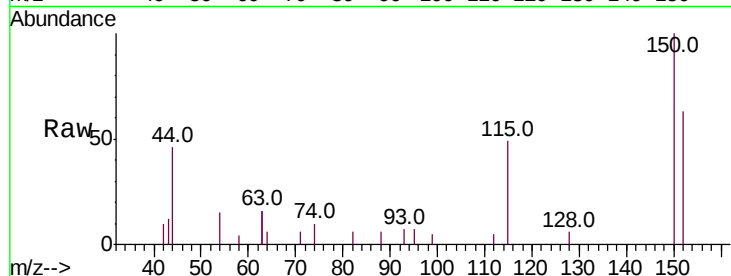


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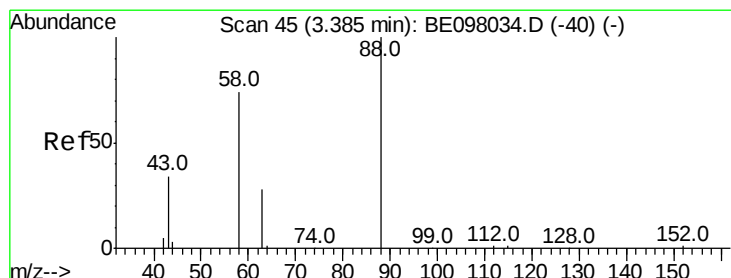
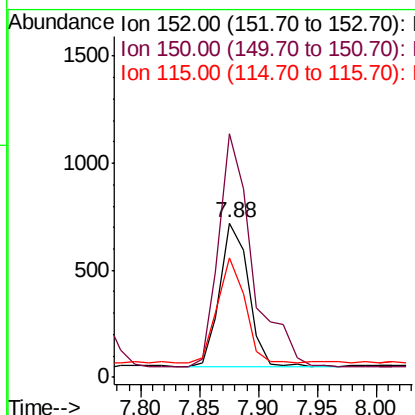
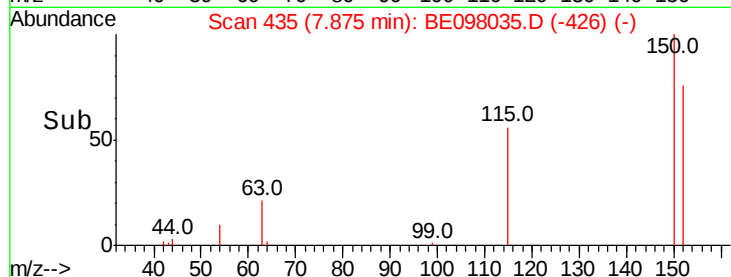
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.88 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1128
 Ion Ratio Lower Upper
 152 100
 150 157.9 118.2 177.4
 115 77.6 50.9 76.3#



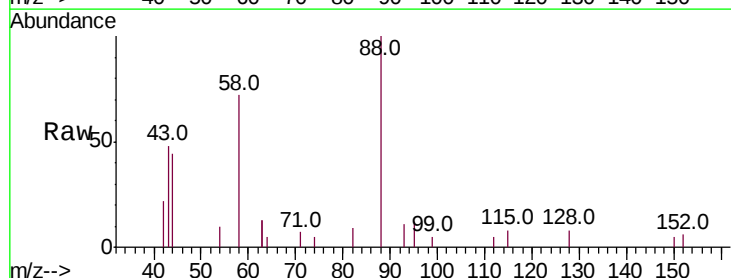
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



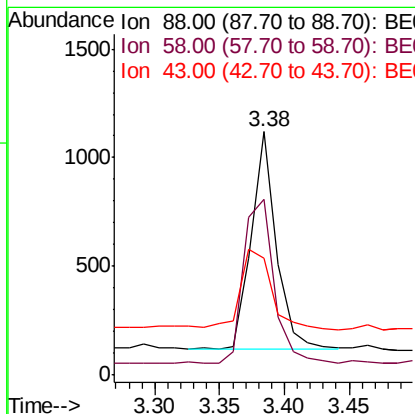
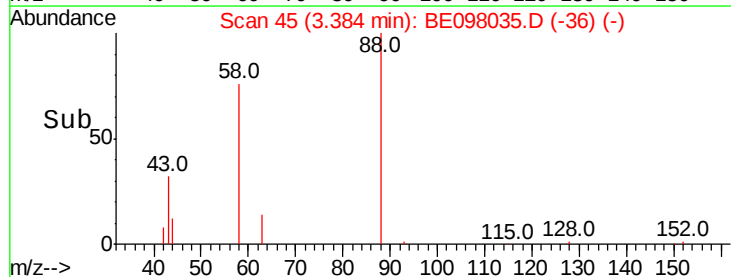
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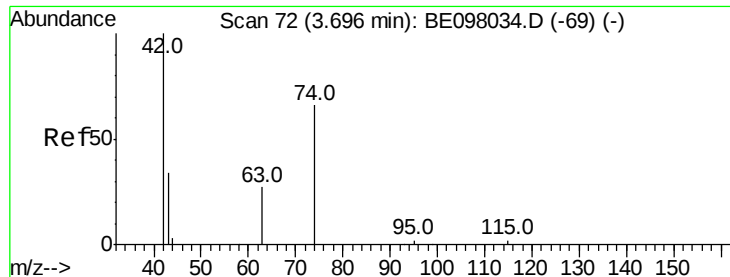
1,4-Dioxane
 Concen: 0.686 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

Tgt Ion: 88 Resp: 1349
 Ion Ratio Lower Upper
 88 100
 58 93.1 73.2 109.8
 43 45.3 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



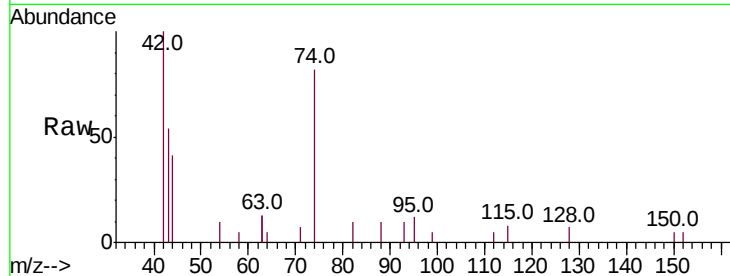


#3

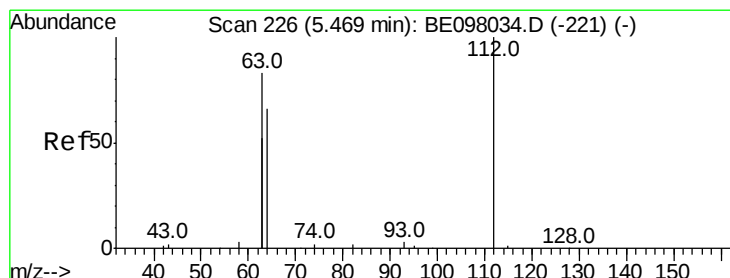
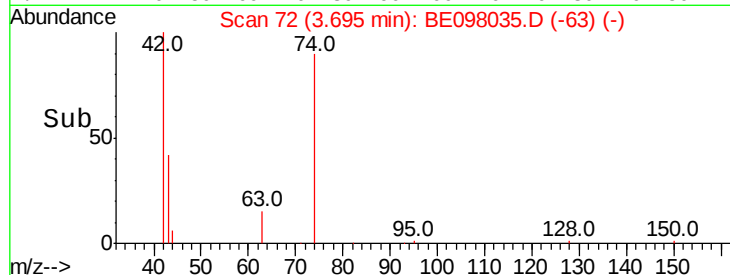
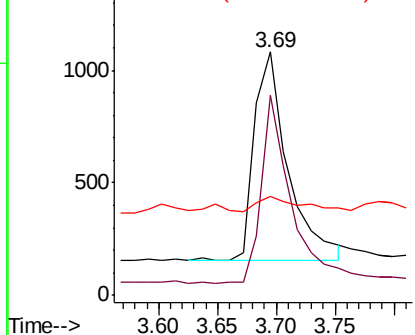
n-Nitrosodimethylamine
 Concen: 0.836 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 1835
 Ion Ratio Lower Upper
 42 100
 74 78.6 77.6 116.4
 44 8.8 7.6 11.4



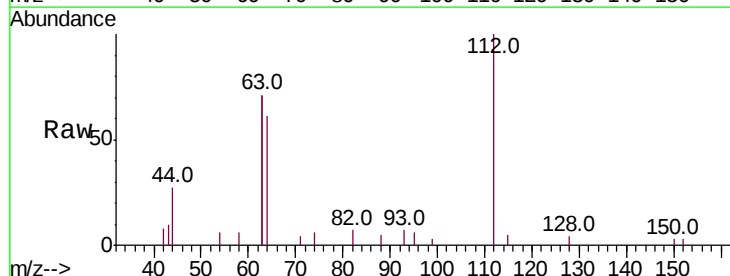
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



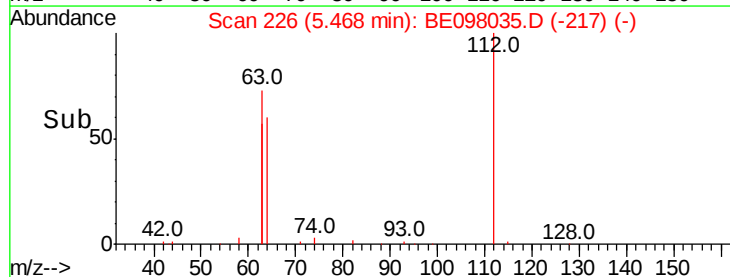
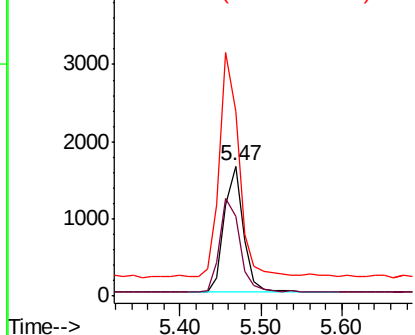
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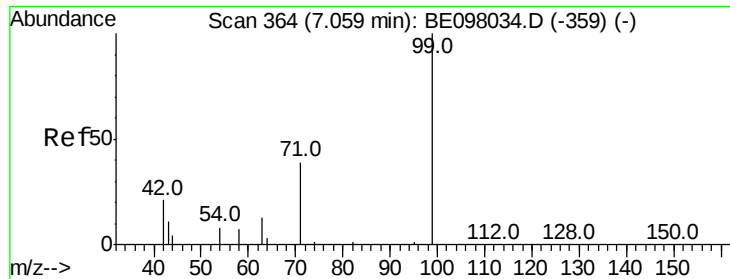
2-Fluorophenol
 Concen: 0.761 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

Tgt Ion: 112 Resp: 2705
 Ion Ratio Lower Upper
 112 100
 64 78.3 58.9 88.3
 63 176.9 120.3 180.5



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: 0.840 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

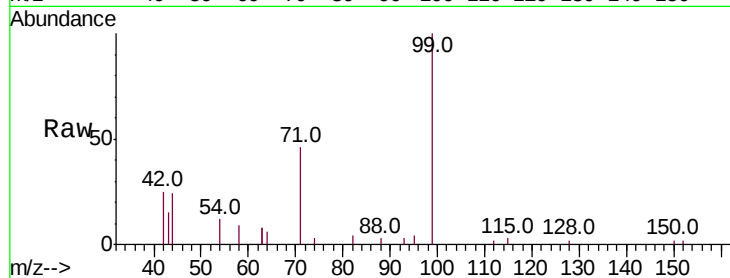
Tot Ion: 99 Resp: 4418

Ion Ratio Lower Upper

99 100

42 32.3 19.9 29.9#

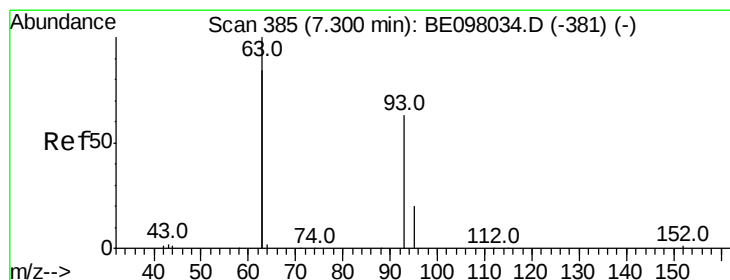
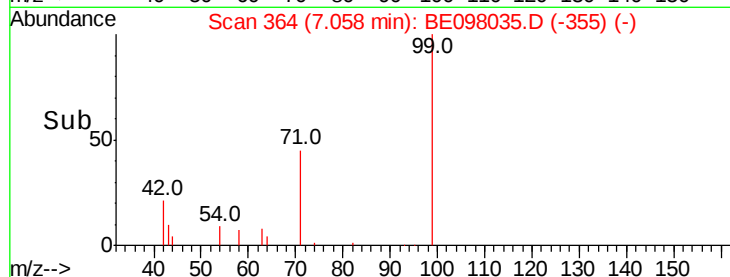
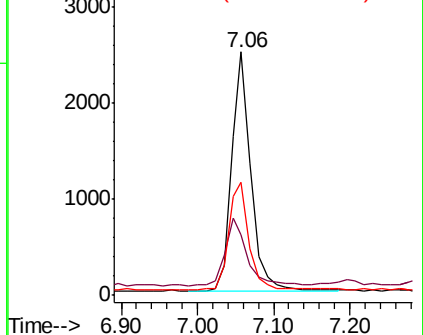
71 47.3 27.8 41.8#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.709 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

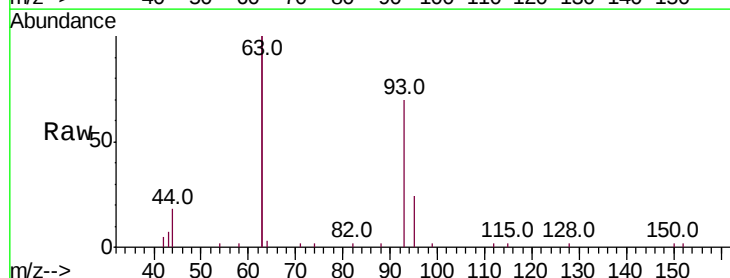
Tgt Ion: 93 Resp: 3164

Ion Ratio Lower Upper

93 100

63 337.0 259.0 388.4

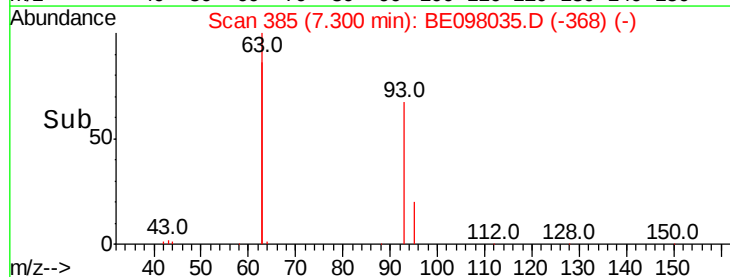
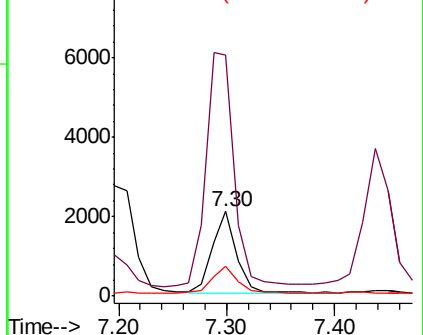
95 34.1 27.8 41.8

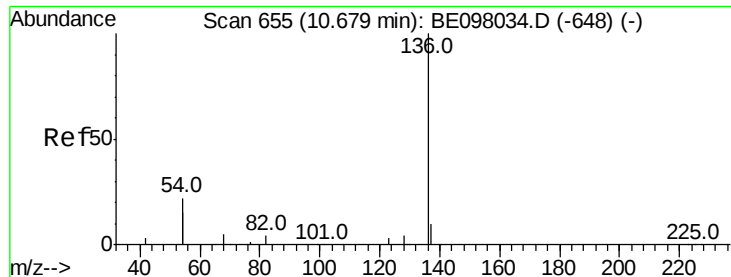


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5553

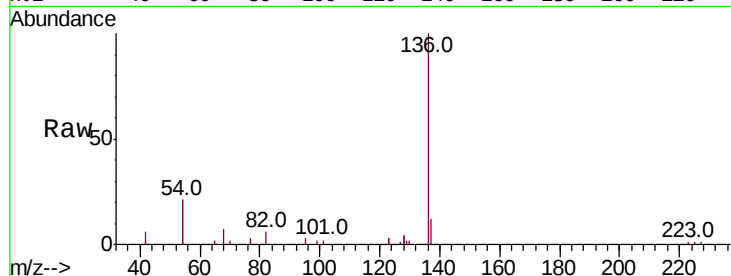
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 42.0 27.7 41.5#

68 7.3 5.3 7.9



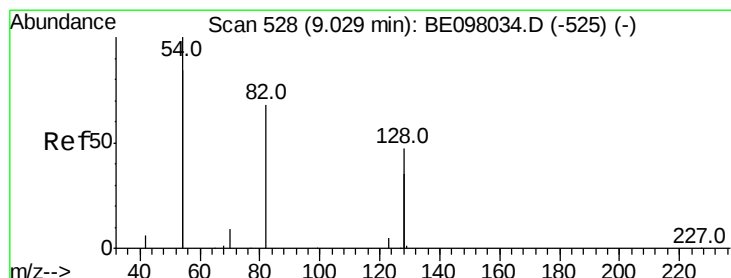
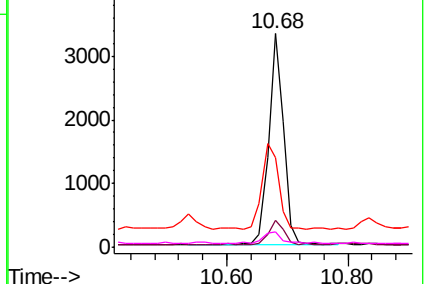
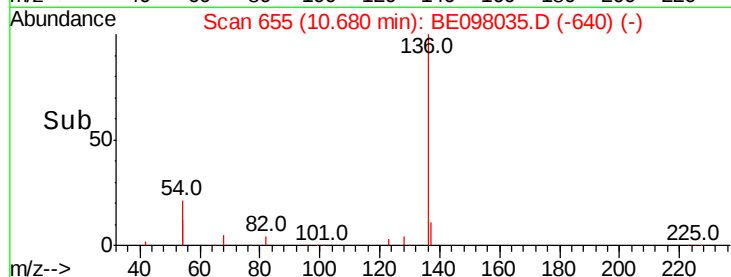
Abundance

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: 0.882 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

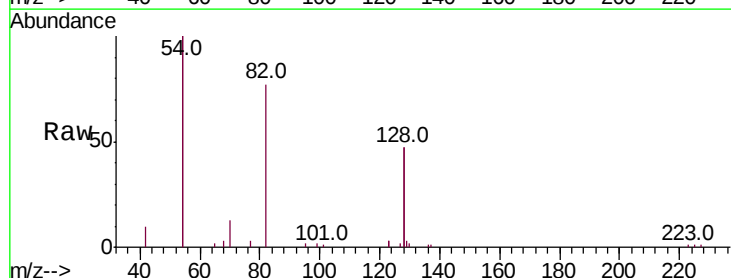
Tgt Ion: 82 Resp: 4638

Ion Ratio Lower Upper

82 100

128 121.3 129.9 194.9#

54 259.9 174.0 261.0

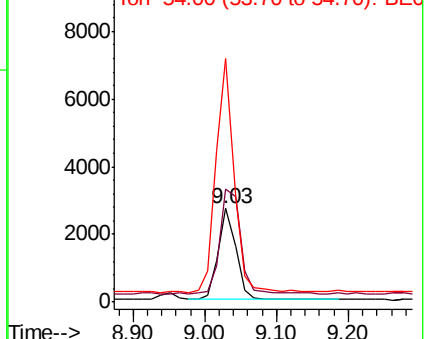
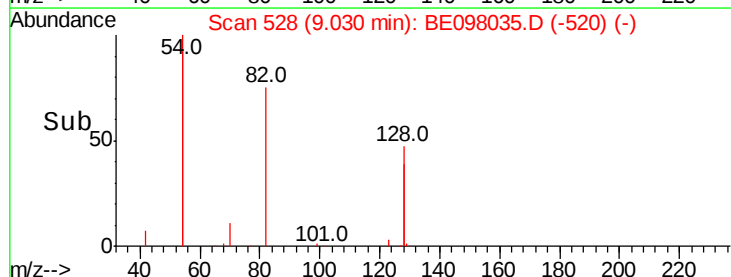


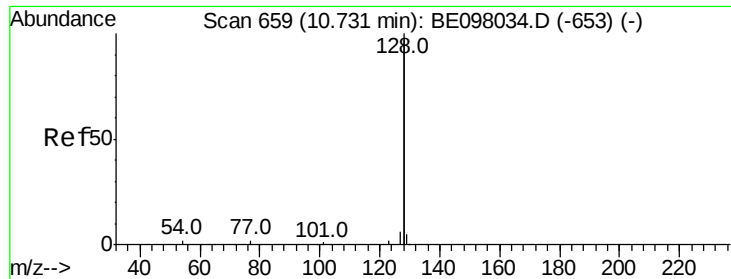
Abundance

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: 0.791 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

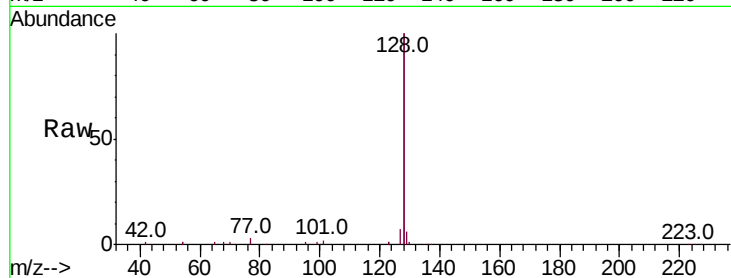
Tot Ion:128 Resp: 43716

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

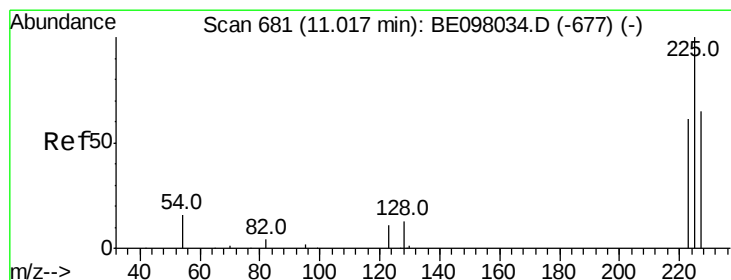
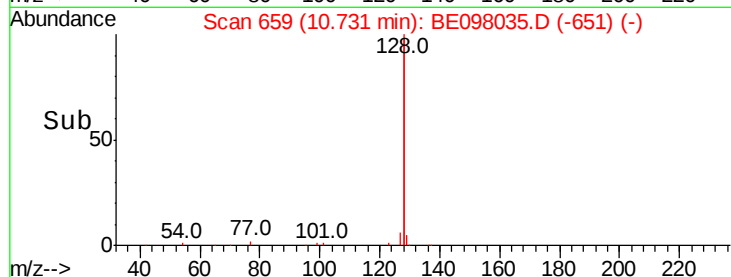
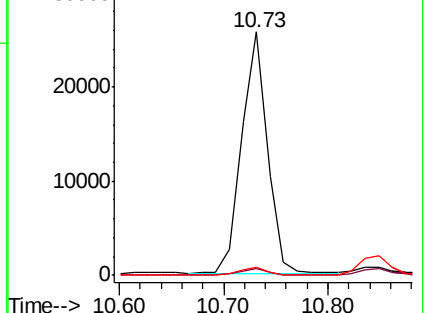
127 3.4 2.8 4.2



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: 0.969 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

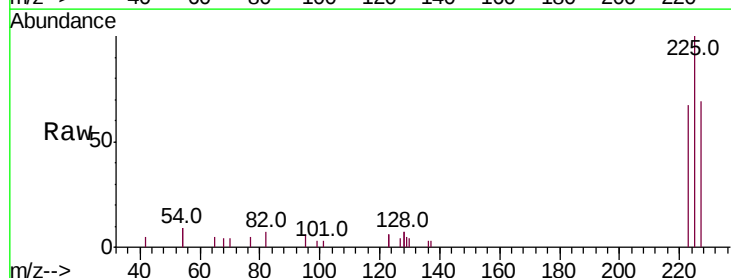
Tgt Ion:225 Resp: 2886

Ion Ratio Lower Upper

225 100

223 64.6 51.8 77.8

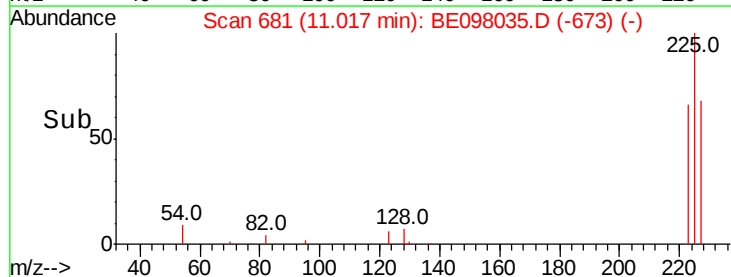
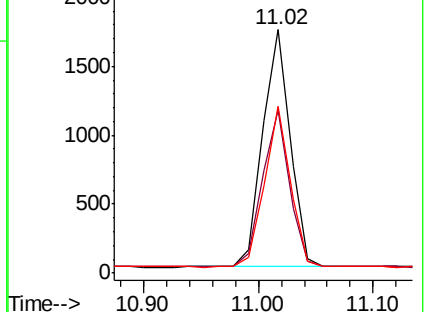
227 64.3 53.0 79.6

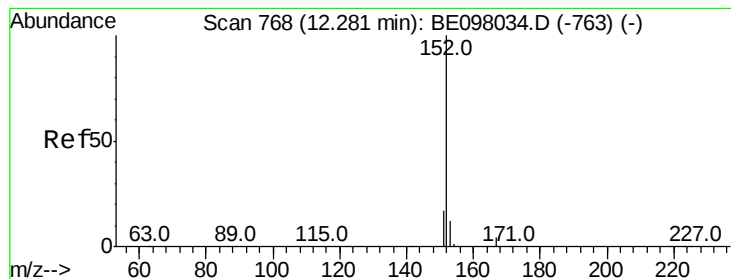


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

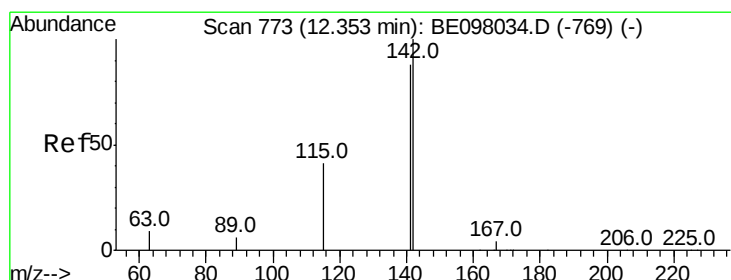
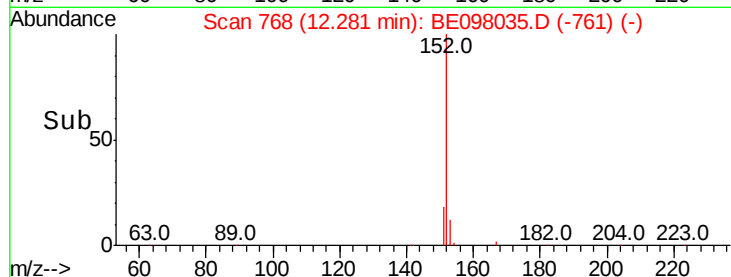
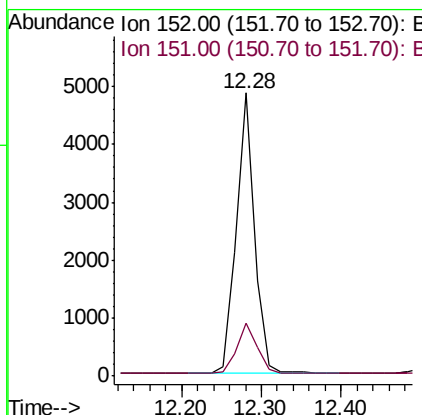
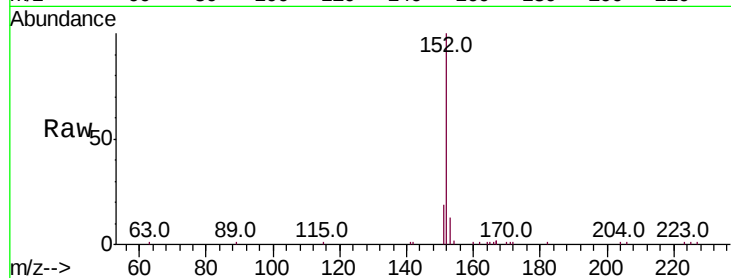




#11
 2-Methylnaphthalene-d10
 Concen: 0.829 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

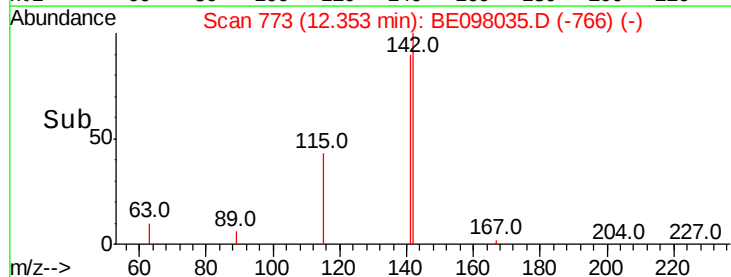
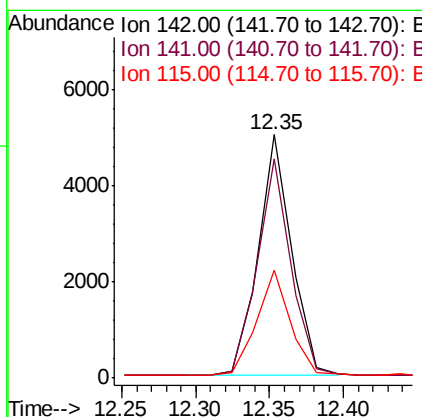
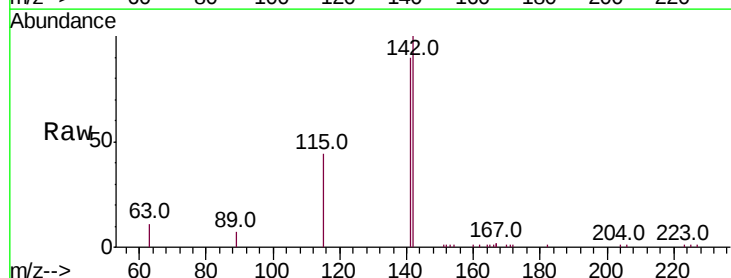
Instrument :
 BNA_E
 ClientSampleId :

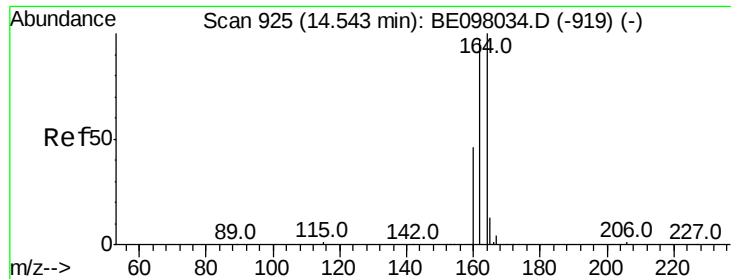
Tot Ion:152 Resp: 7661
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.822 ng
 RT: 12.35 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

Tgt Ion:142 Resp: 7785
 Ion Ratio Lower Upper
 142 100
 141 90.3 69.8 104.6
 115 44.1 30.5 45.7

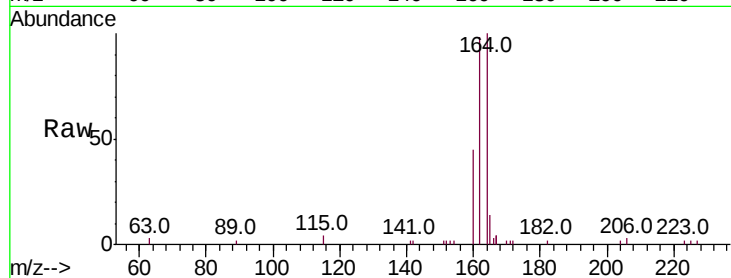




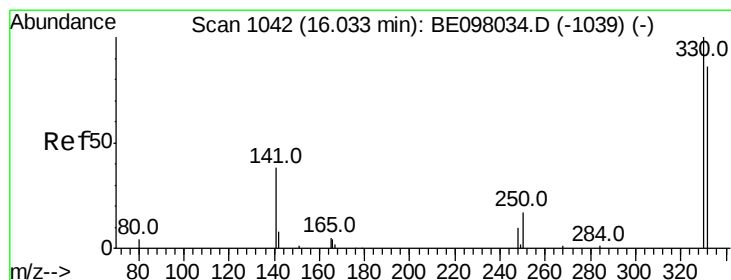
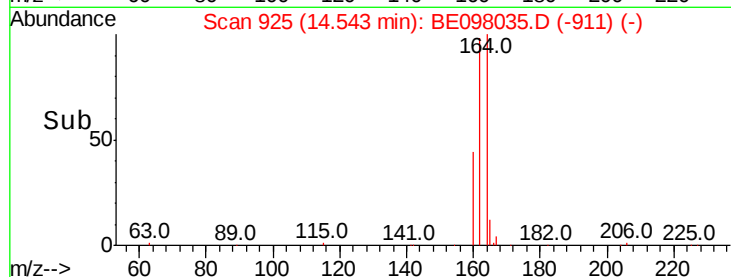
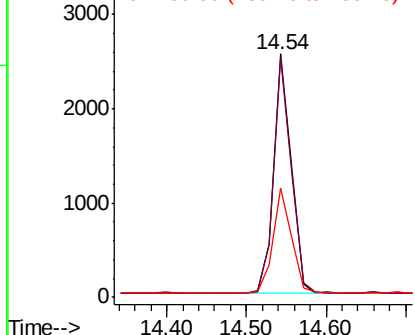
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 3880
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.4 116.2
 160 44.8 36.5 54.7

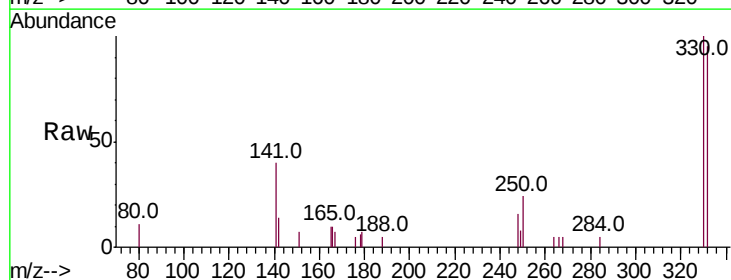


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

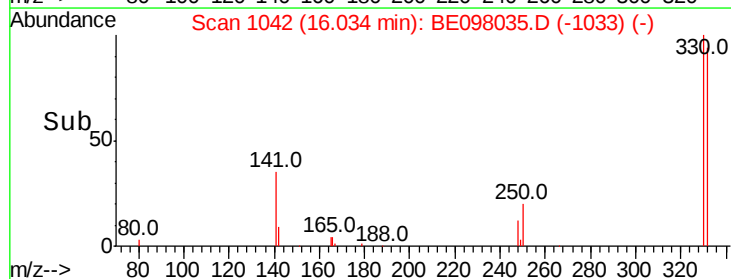
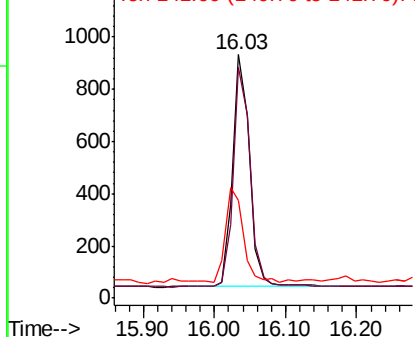


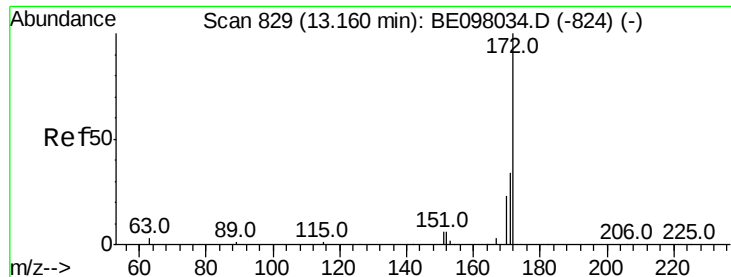
#14
 2,4,6-Tribromophenol
 Concen: 0.707 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098035.D
 Acq: 24 Oct 2018 12:01

Tgt Ion:330 Resp: 1475
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.5 114.7
 141 40.5 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: 0.752 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

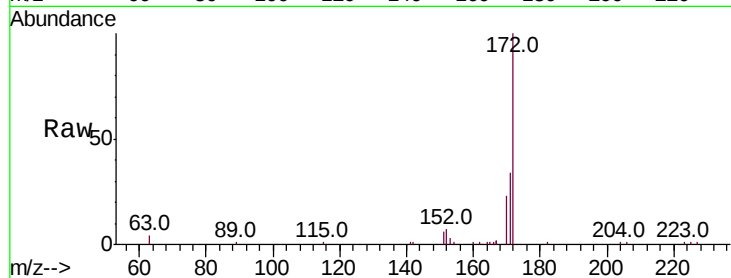
Instrument :

BNA_E

ClientSampleId :

Tot Ion:172 Resp: 11917

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.0	39.0
170	23.5	18.0	27.0

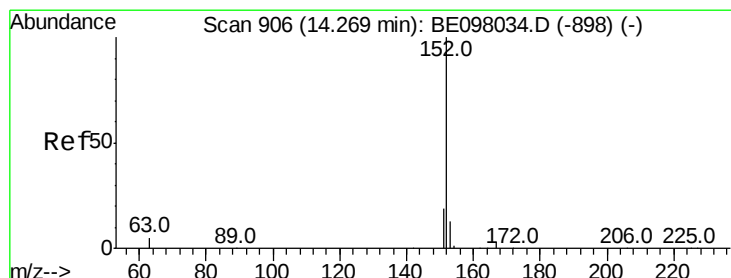
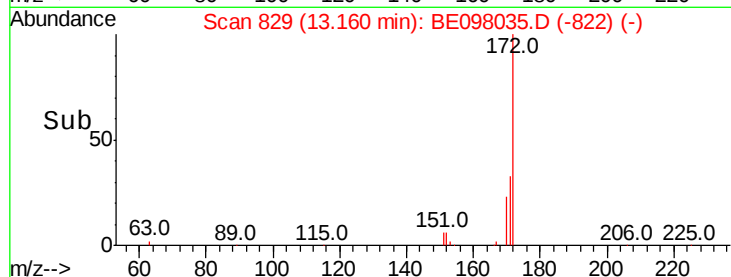
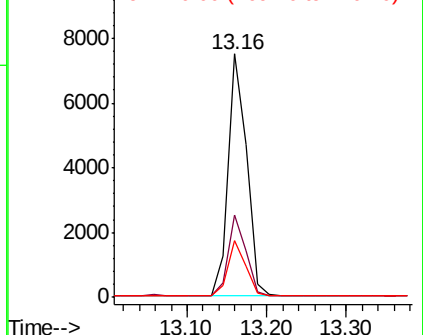


Abundance

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: 0.756 ng

RT: 14.27 min Scan# 906

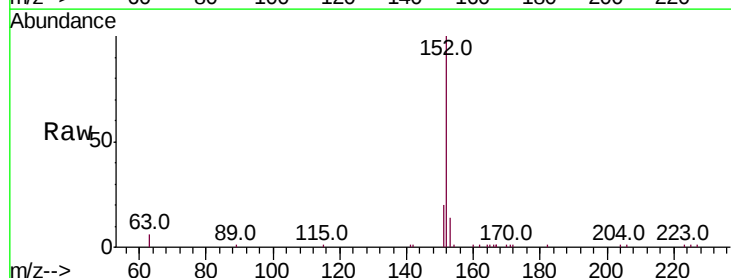
Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Tgt Ion:152 Resp: 13556

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.2	10.9	16.3

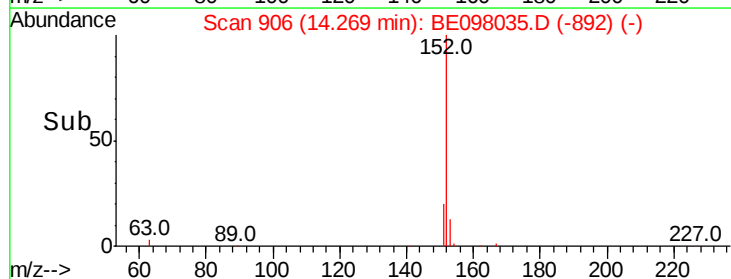
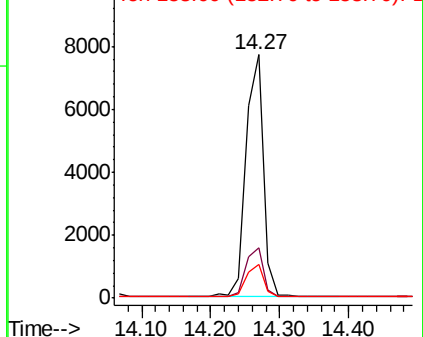


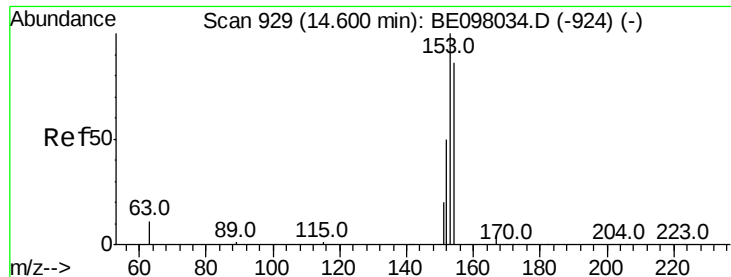
Abundance

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: 0.763 ng

RT: 14.61 min Scan# 930

Delta R.T. 0.01 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

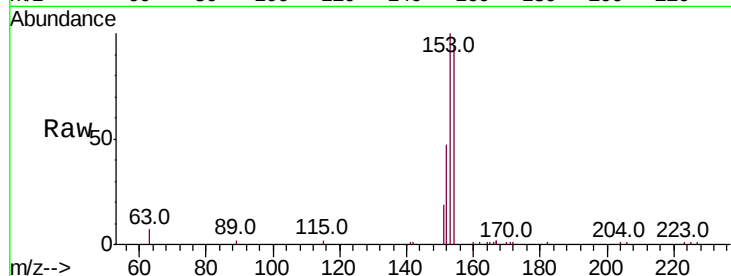
Tot Ion:154 Resp: 8355

Ion Ratio Lower Upper

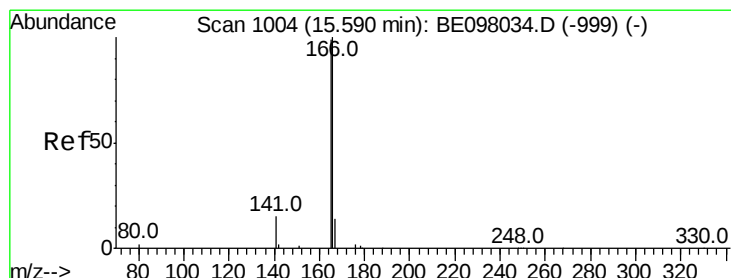
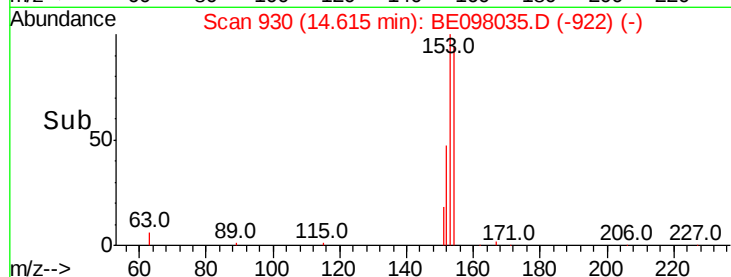
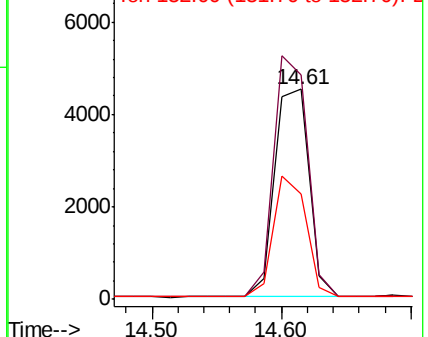
154 100

153 114.3 92.6 139.0

152 55.3 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: 0.736 ng

RT: 15.58 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

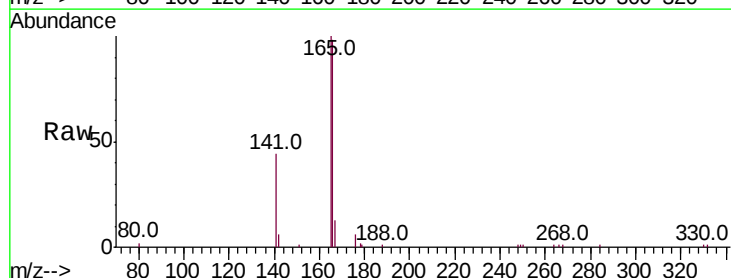
Tgt Ion:166 Resp: 11092

Ion Ratio Lower Upper

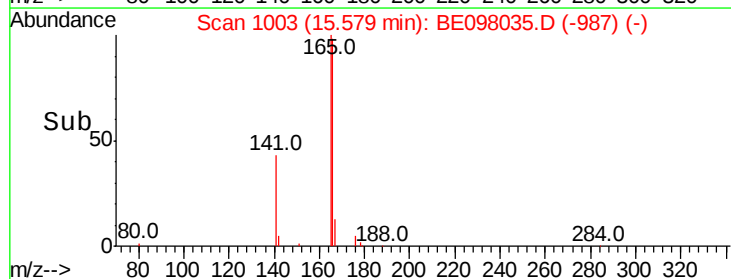
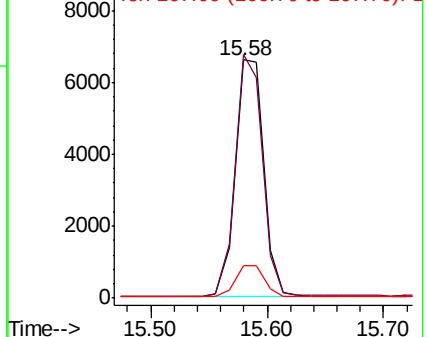
166 100

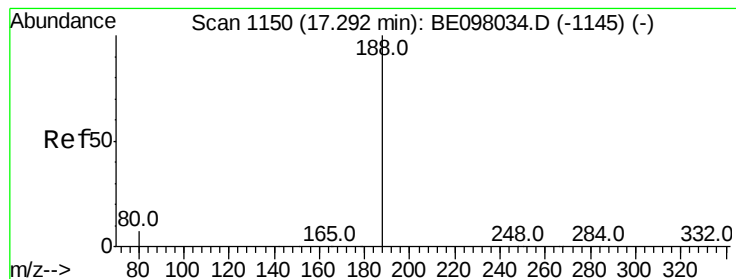
165 98.5 78.2 117.4

167 13.4 11.0 16.6



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: 17.29 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

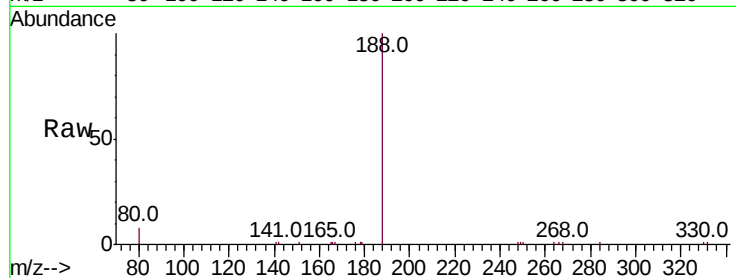
Tot Ion:188 Resp: 9124

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

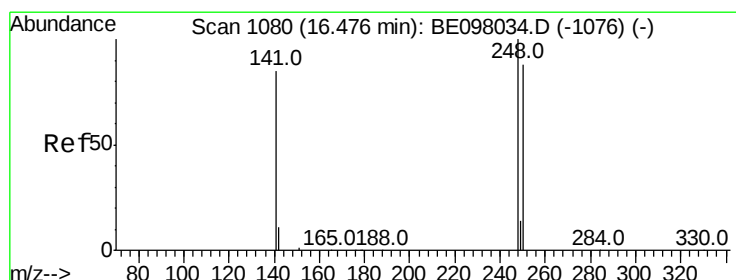
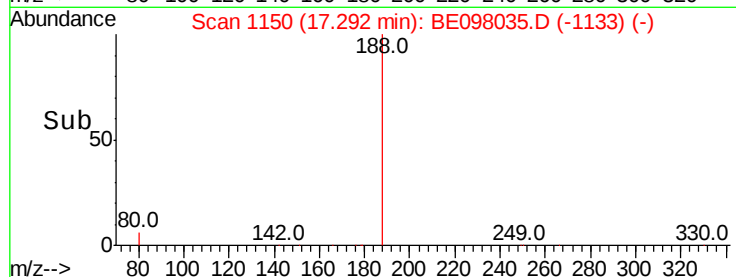
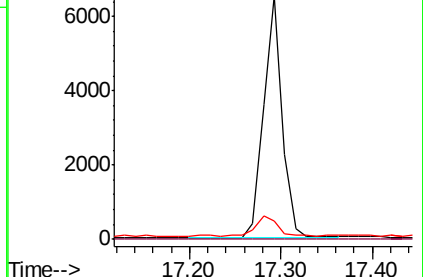
80 7.6 6.3 9.5



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: 0.867 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

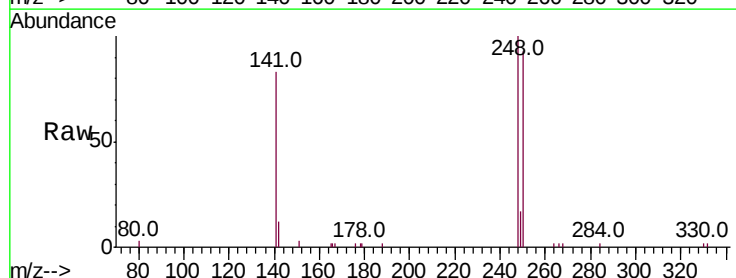
Tgt Ion:248 Resp: 4322

Ion Ratio Lower Upper

248 100

250 92.6 75.1 112.7

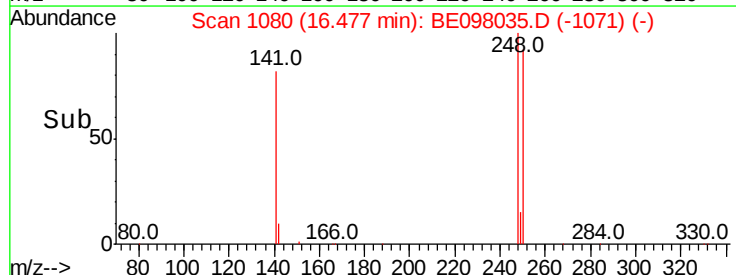
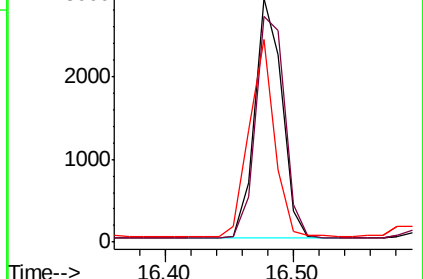
141 83.5 51.8 77.8#

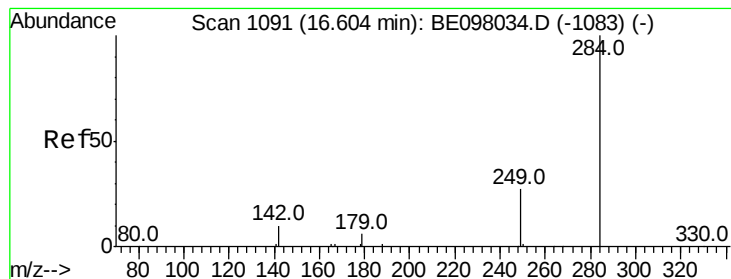


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.913 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

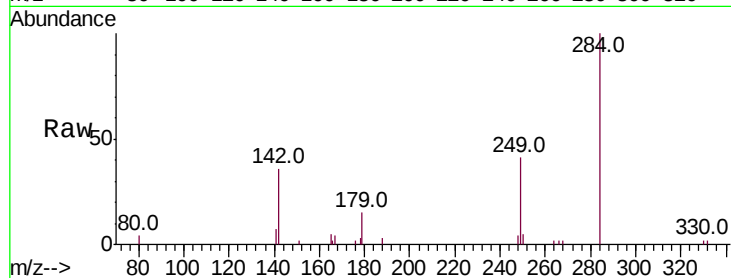
Tot Ion:284 Resp: 4476

Ion Ratio Lower Upper

284 100

142 32.4 25.9 38.9

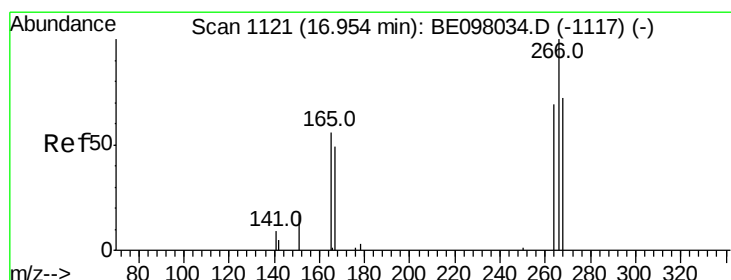
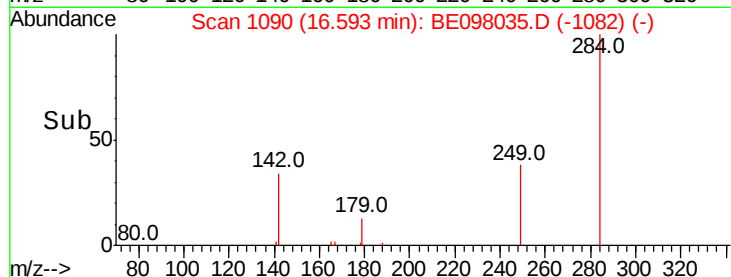
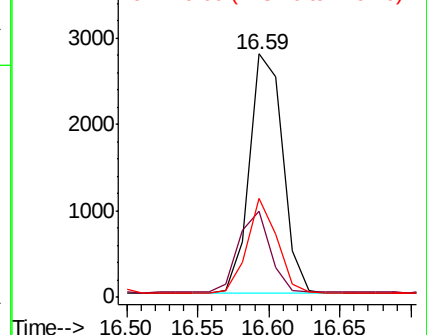
249 35.5 26.6 40.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.266 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

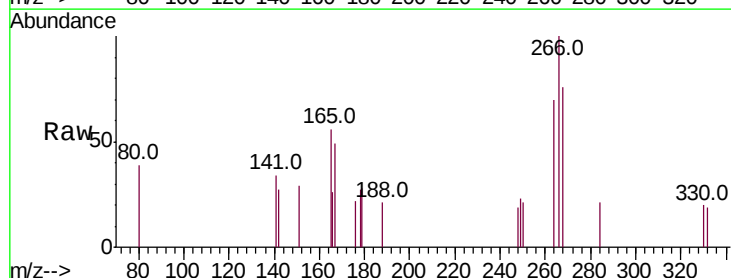
Tgt Ion:266 Resp: 377

Ion Ratio Lower Upper

266 100

264 69.5 51.3 76.9

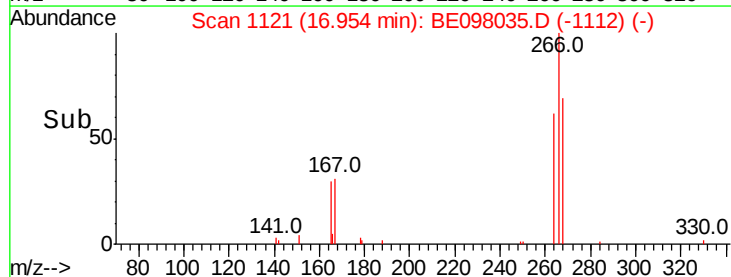
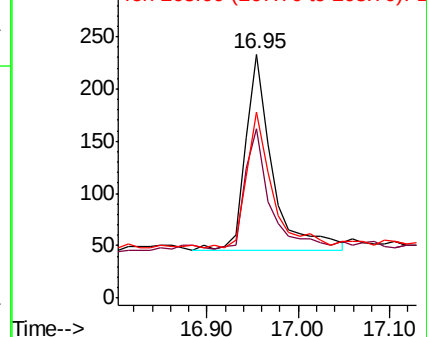
268 76.4 50.1 75.1#

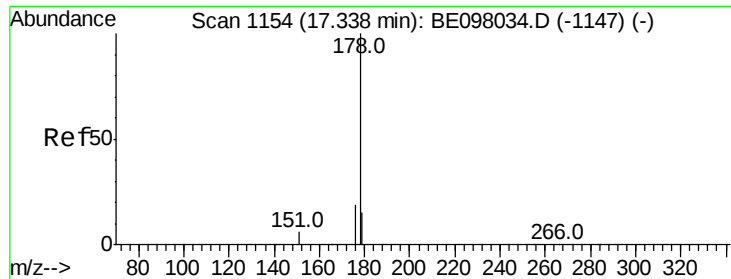


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.764 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

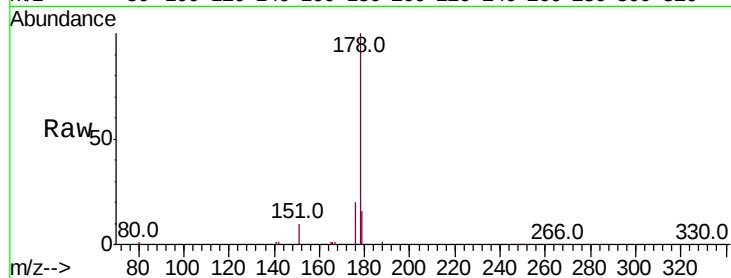
Tot Ion:178 Resp: 17701

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

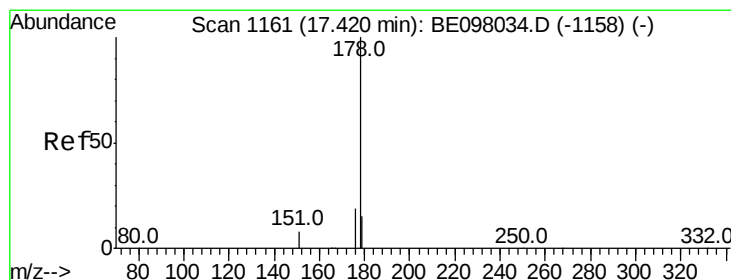
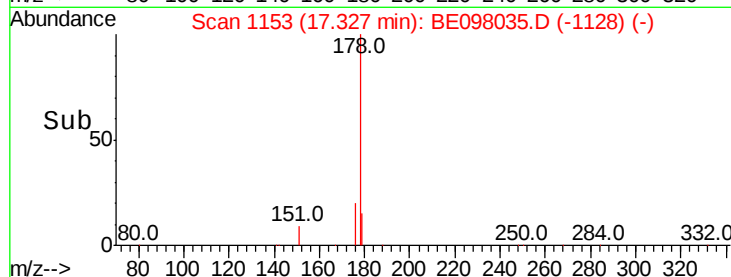
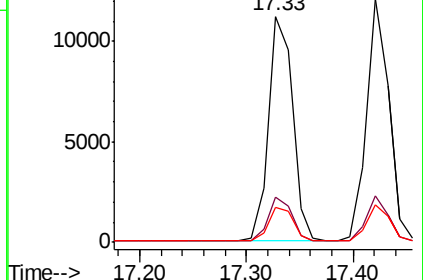
179 15.3 12.2 18.4



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: 0.794 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

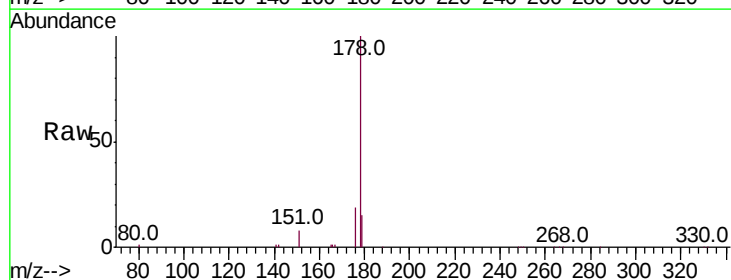
Tgt Ion:178 Resp: 17390

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

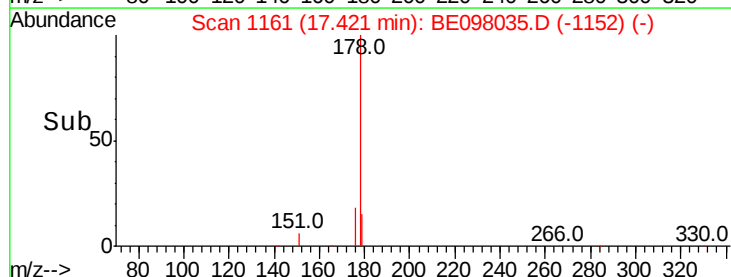
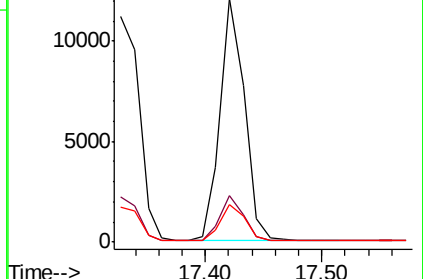
179 15.5 11.9 17.9

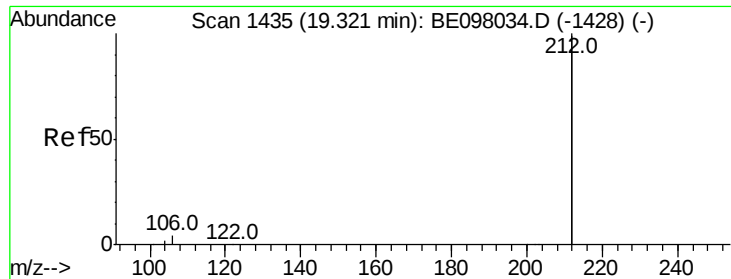


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.743 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

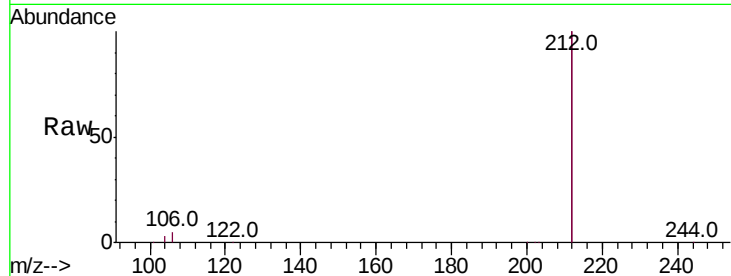
Instrument :

BNA_E

ClientSampleId :

Tot Ion:212 Resp: 91914

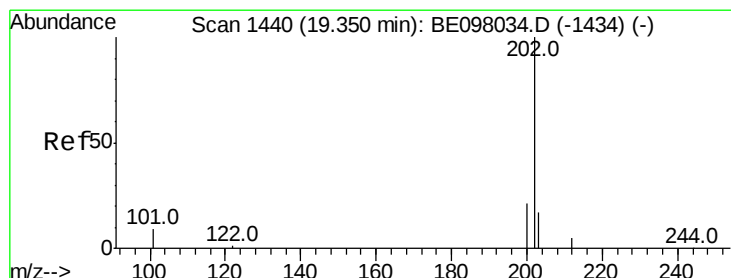
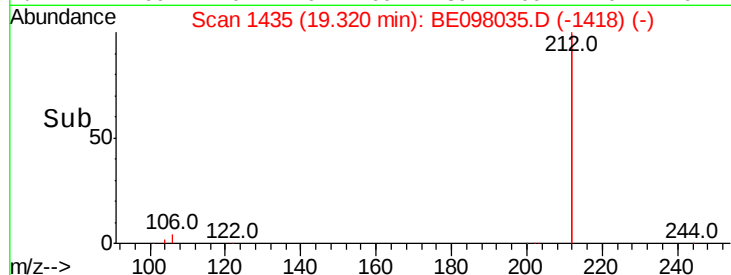
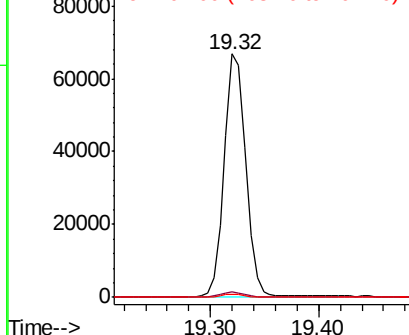
Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.3	1.3	1.9



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: 0.723 ng

RT: 19.35 min Scan# 1441

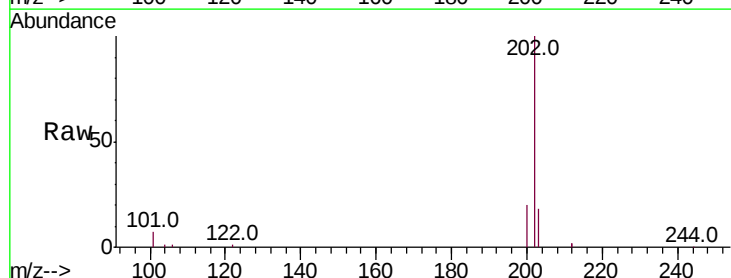
Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Tgt Ion:202 Resp: 21981

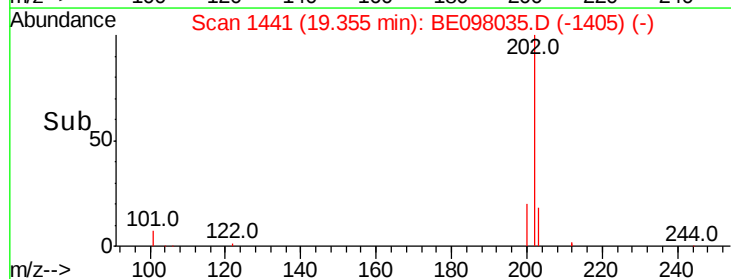
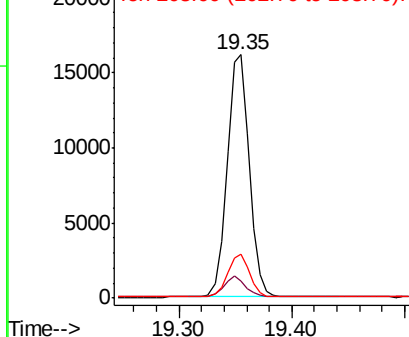
Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.2	12.2
203	17.5	15.0	22.4

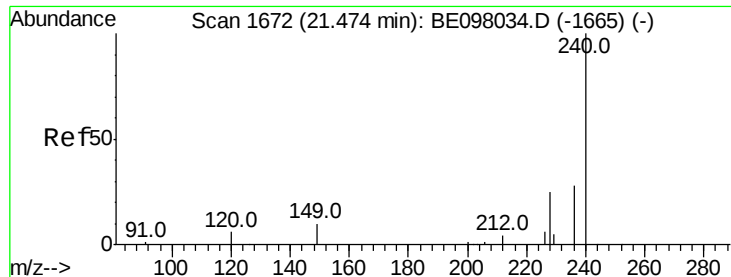


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

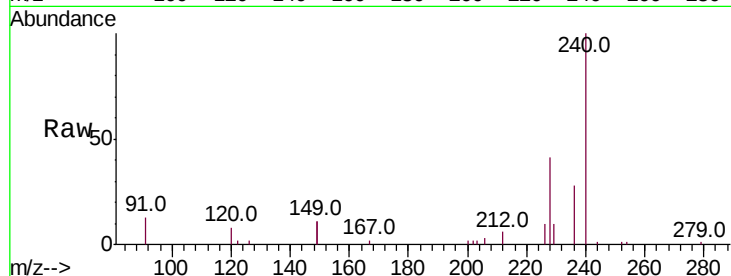
Tot Ion:240 Resp: 10425

Ion Ratio Lower Upper

240 100

120 8.1 7.1 10.7

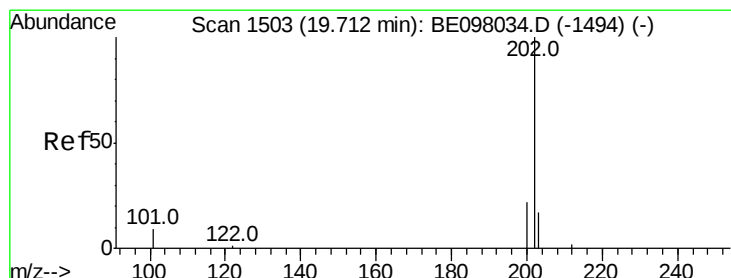
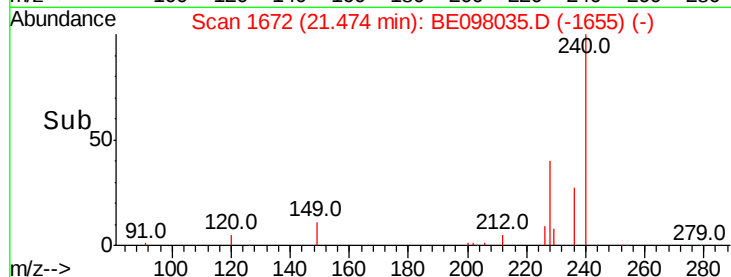
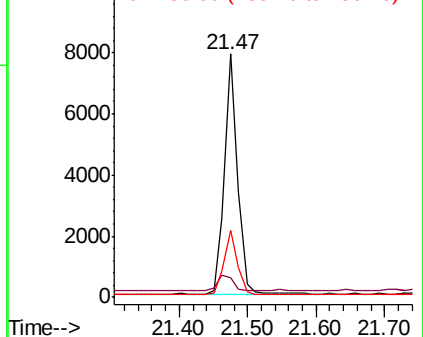
236 27.5 21.3 31.9



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: 0.772 ng

RT: 19.72 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

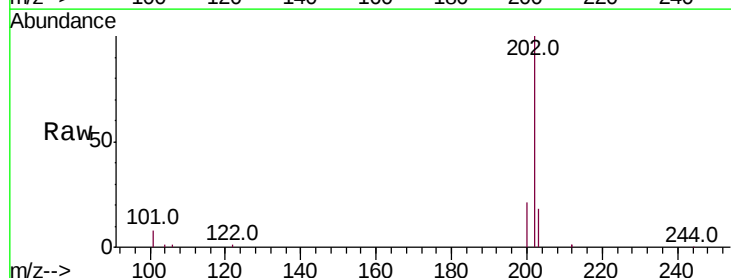
Tgt Ion:202 Resp: 23230

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

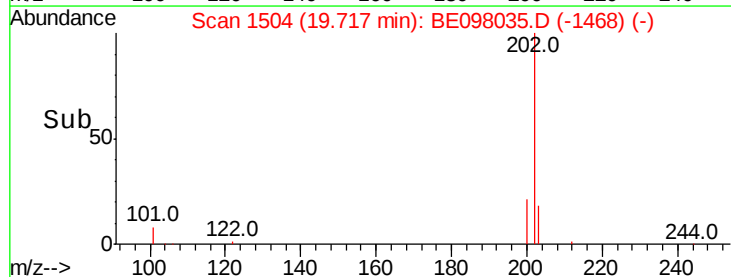
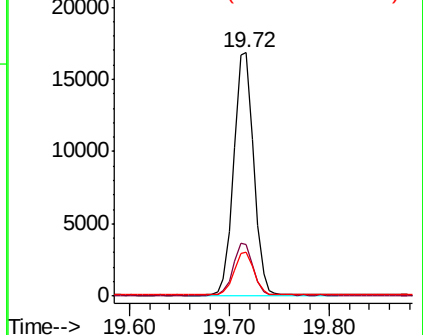
203 17.5 14.2 21.4

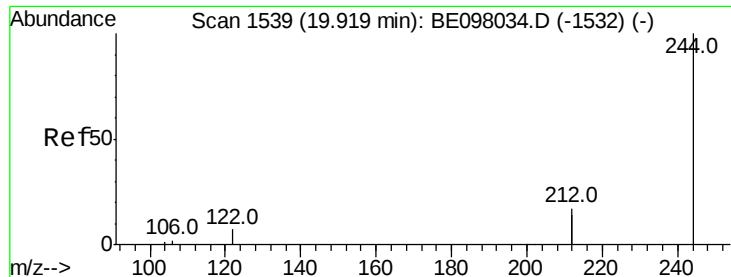


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.815 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

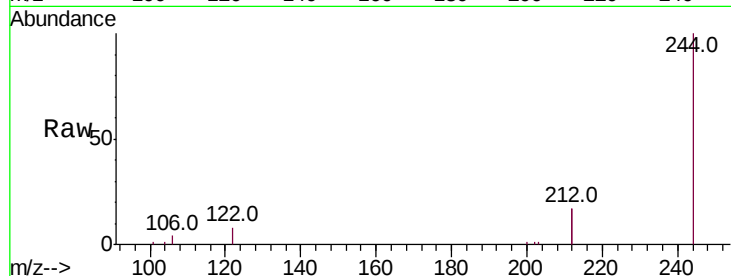
Tot Ion:244 Resp: 19477

Ion Ratio Lower Upper

244 100

212 34.3 26.2 39.2

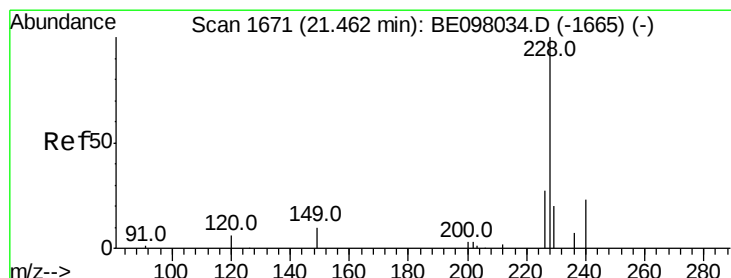
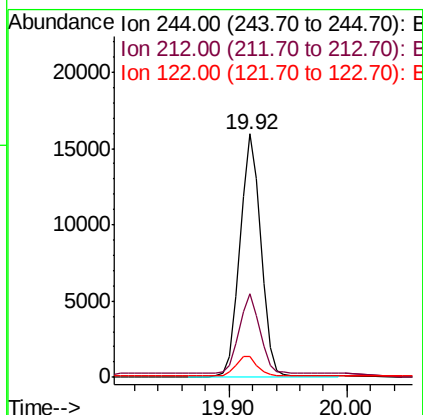
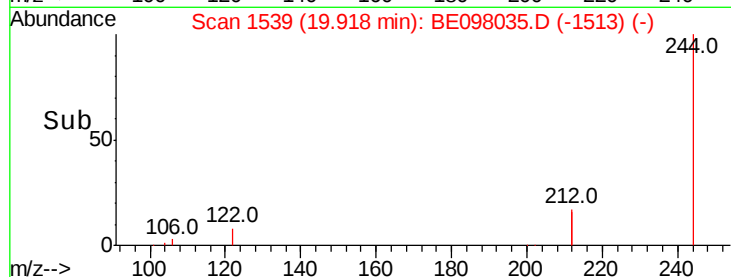
122 8.3 7.7 11.5



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: 0.782 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

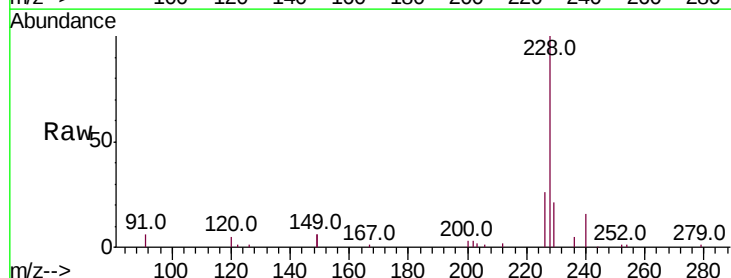
Tgt Ion:228 Resp: 24994

Ion Ratio Lower Upper

228 100

226 26.0 22.6 33.8

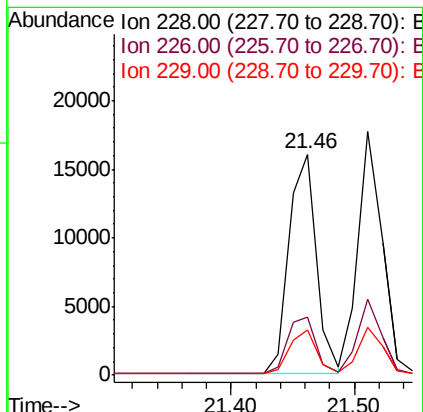
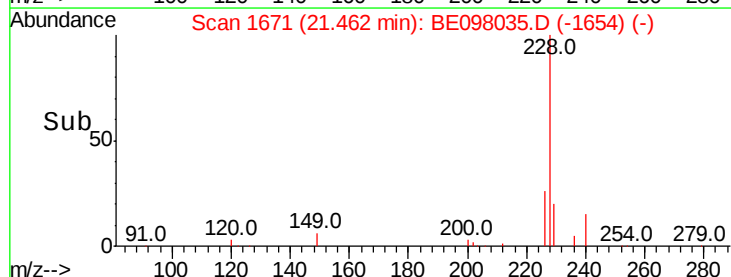
229 20.6 16.9 25.3

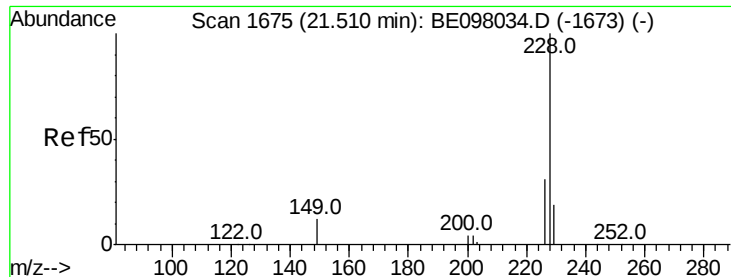


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.793 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

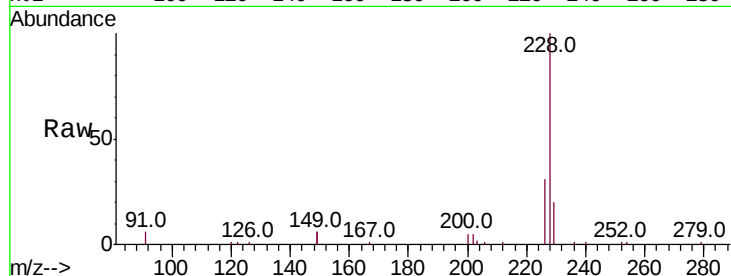
Tot Ion:228 Resp: 24011

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

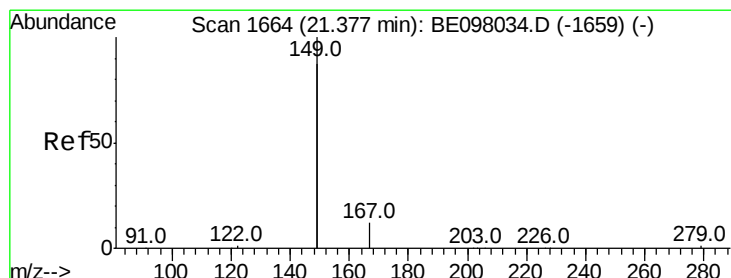
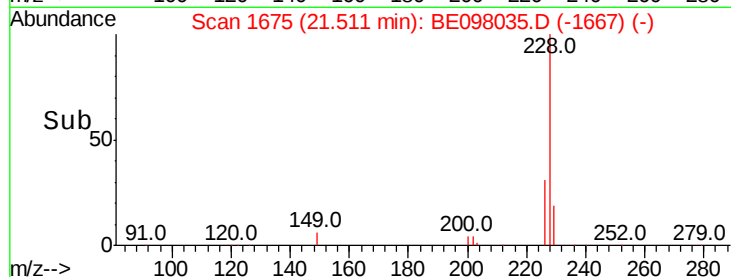
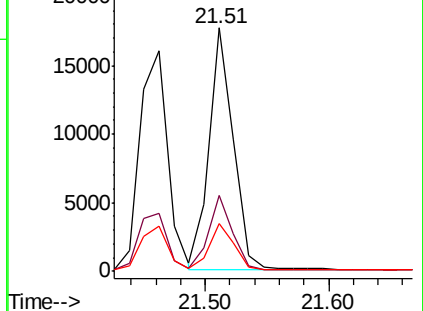
229 19.8 17.3 25.9



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: 0.767 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

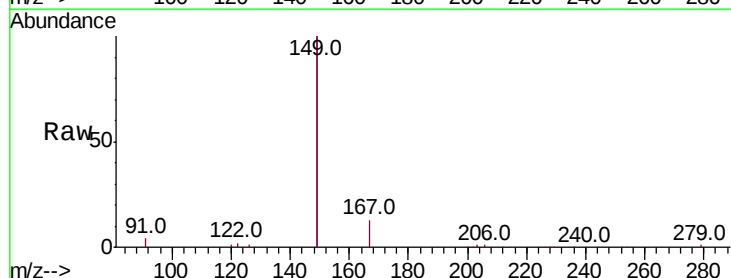
Tgt Ion:149 Resp: 57249

Ion Ratio Lower Upper

149 100

167 6.9 5.6 8.4

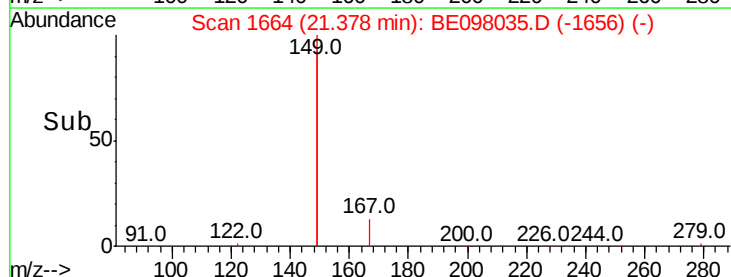
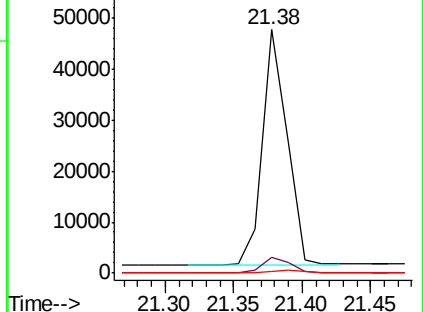
279 1.3 0.9 1.3

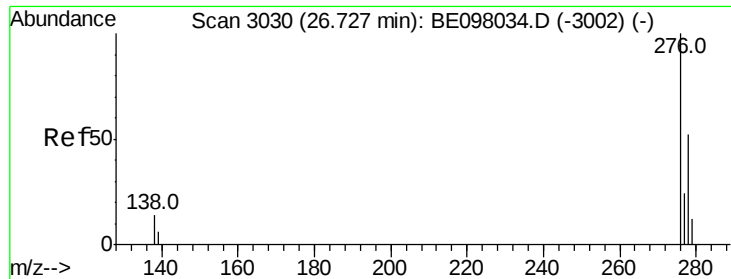


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.815 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.01 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

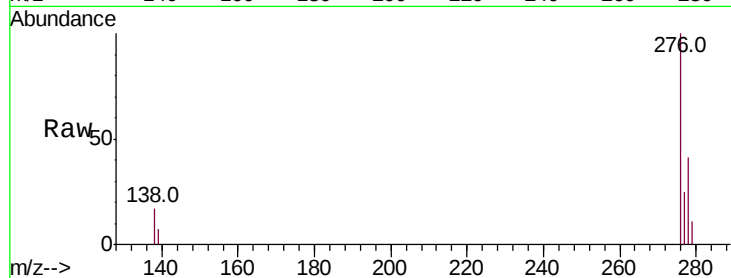
Tot Ion:276 Resp: 26518

Ion Ratio Lower Upper

276 100

138 16.0 17.0 25.6#

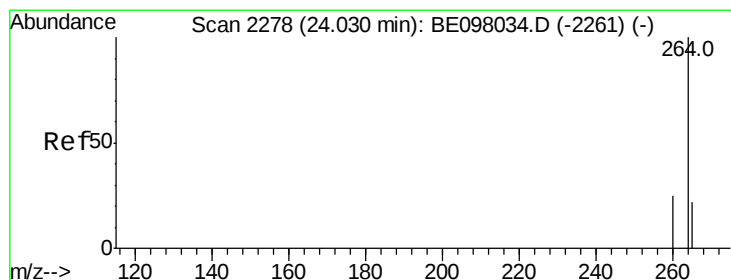
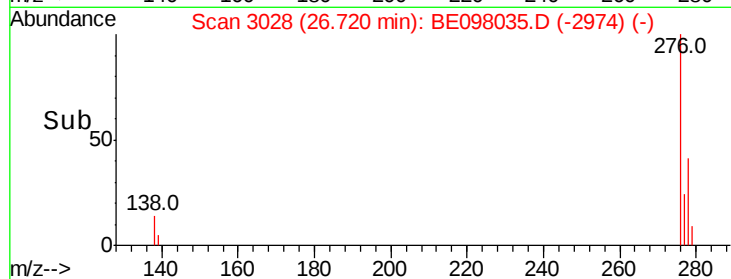
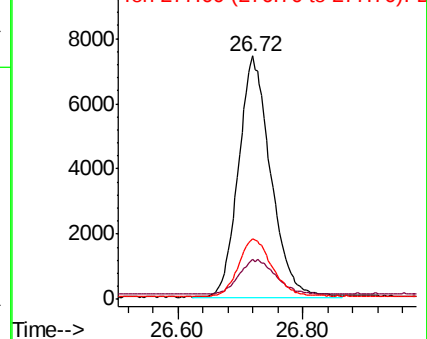
277 24.8 20.5 30.7



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: BE098035.D

Acq: 24 Oct 2018 12:01

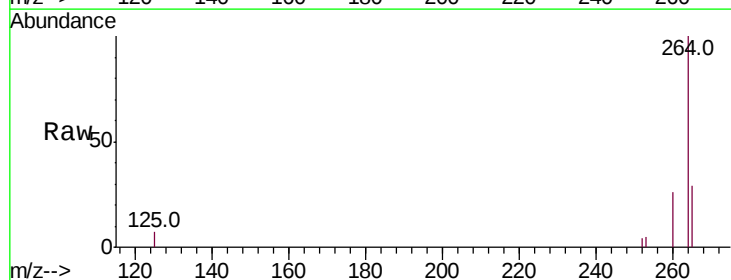
Tgt Ion:264 Resp: 10539

Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

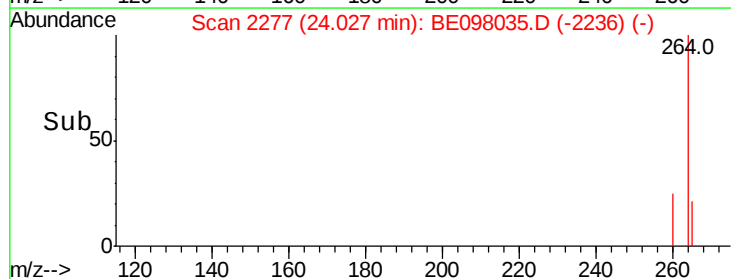
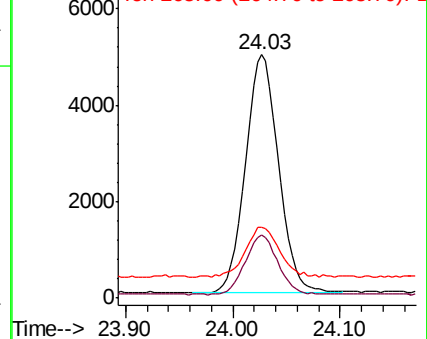
265 29.2 29.2 43.8#

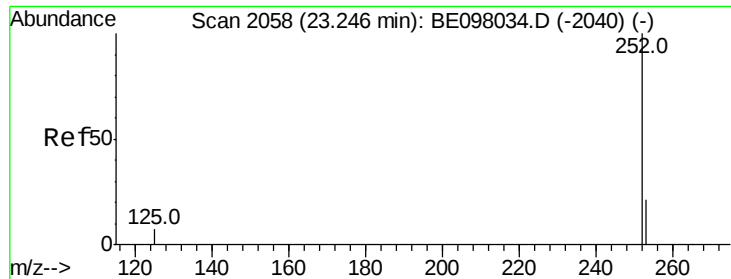


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.759 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

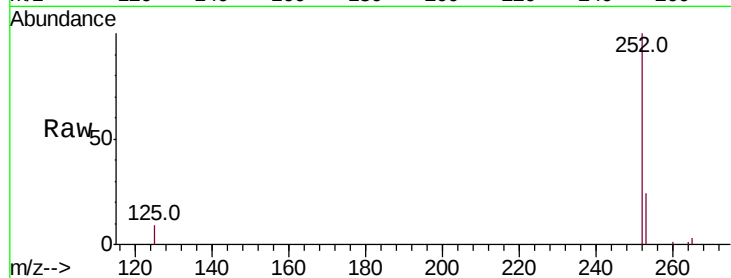
Tot Ion:252 Resp: 23007

Ion Ratio Lower Upper

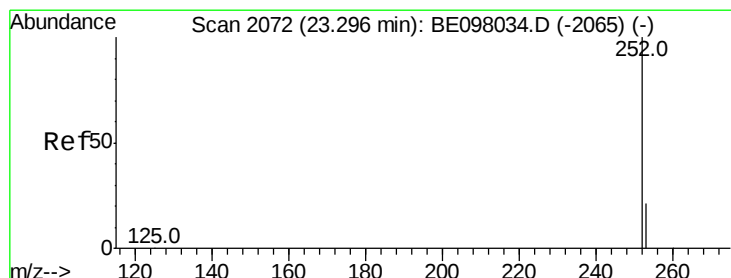
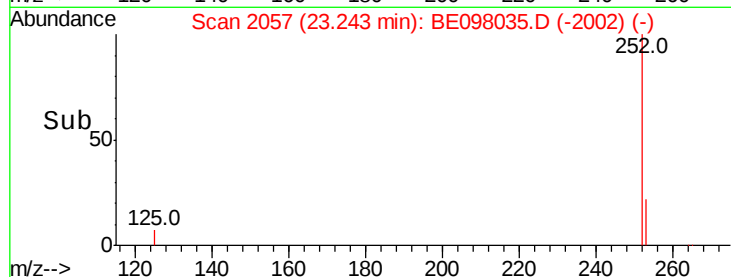
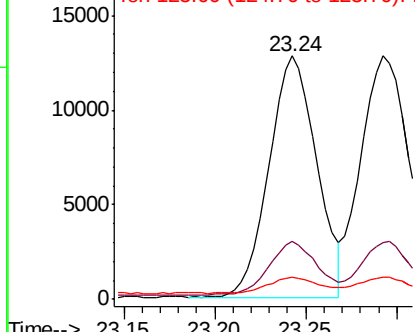
252 100

253 23.6 20.6 31.0

125 9.0 14.3 21.5#



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: 0.765 ng

RT: 23.29 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

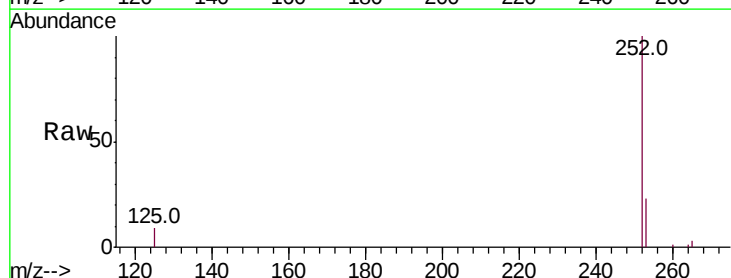
Tgt Ion:252 Resp: 24172

Ion Ratio Lower Upper

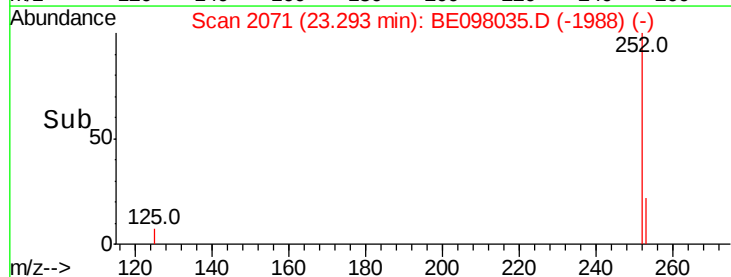
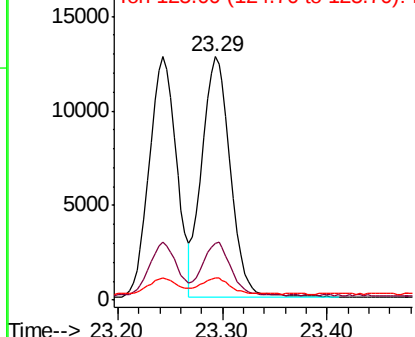
252 100

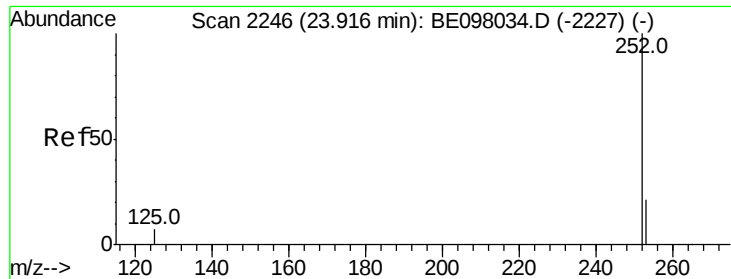
253 23.5 20.4 30.6

125 9.1 14.6 21.8#



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

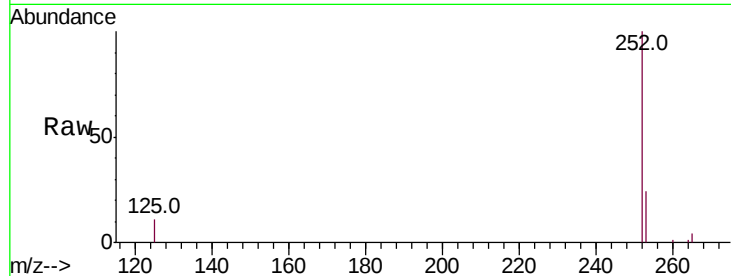




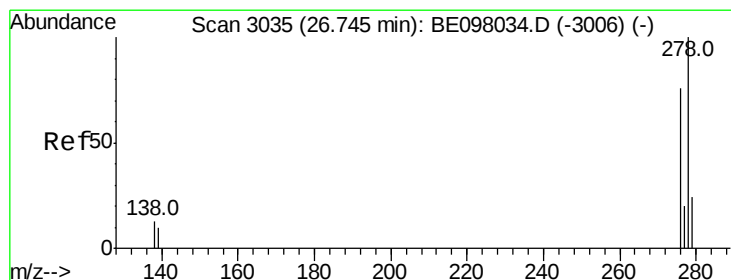
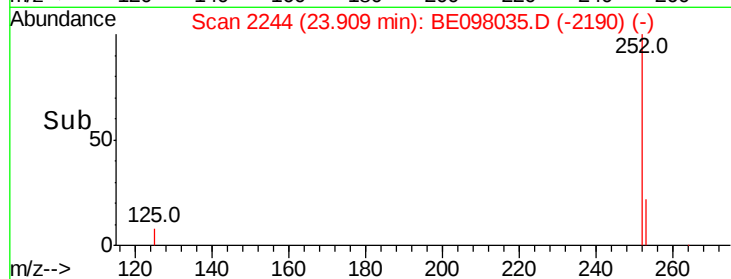
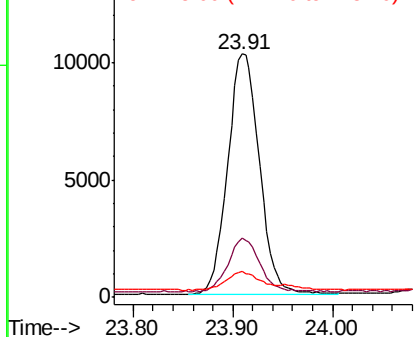
#37
Benzo(a)pyrene
Concen: 0.768 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BE098035.D
Acq: 24 Oct 2018 12:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 22715
Ion Ratio Lower Upper
252 100
253 24.1 20.6 31.0
125 10.7 15.6 23.4#

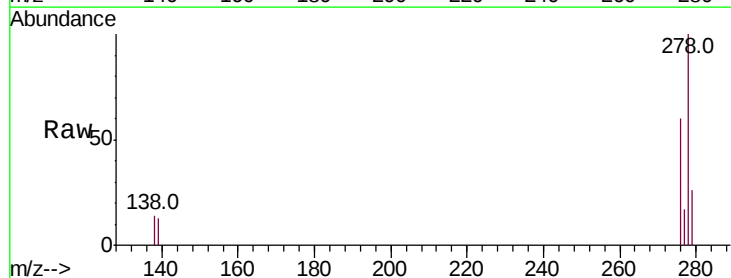


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

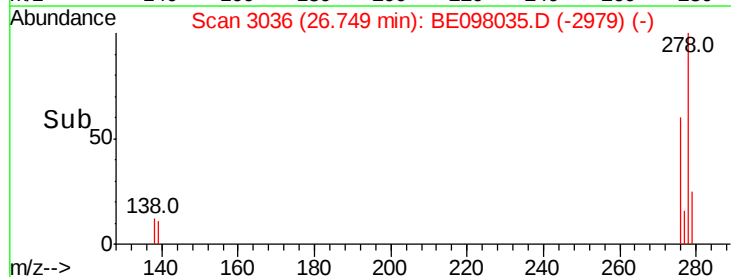
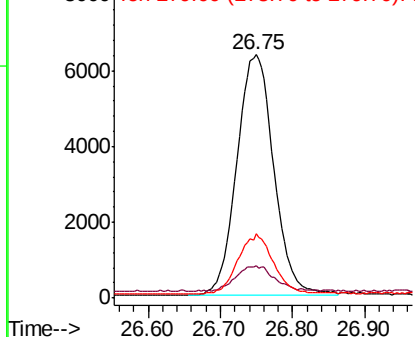


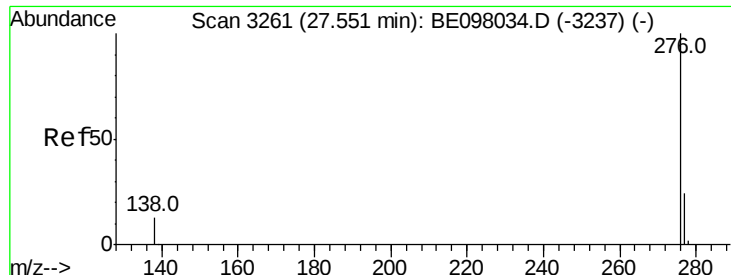
#38
Dibenzo(a,h)anthracene
Concen: 0.762 ng
RT: 26.75 min Scan# 3036
Delta R.T. 0.00 min
Lab File: BE098035.D
Acq: 24 Oct 2018 12:01

Tgt Ion:278 Resp: 22053
Ion Ratio Lower Upper
278 100
139 13.2 16.3 24.5#
279 26.4 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(a,h,i)perylene

Concen: 0.737 ng

RT: 27.55 min Scan# 3261

Delta R.T. 0.00 min

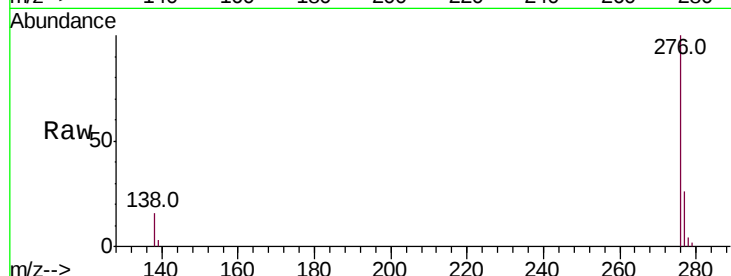
Lab File: BE098035.D

Acq: 24 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 21843

Ion Ratio Lower Upper

276 100

277 26.0 22.1 33.1

138 16.0 19.3 28.9%

