

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098231.D
 Acq On : 16 Nov 2018 16:01
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 17:13:28 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 17:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1350	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6746	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4228	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9747	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10192	0.40	ng	0.00
34) Perylene-d12	24.02	264	9712	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	744	0.20	ng	0.00
5) Phenol-d6	7.05	99	1145	0.19	ng	0.01
8) Nitrobenzene-d5	9.03	82	1301	0.19	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	2409	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	250	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	4084	0.23	ng	0.01
25) Fluoranthene-d10	19.31	212	23628	0.19	ng	0.00
29) Terphenyl-d14	19.91	244	4851	0.21	ng	0.00

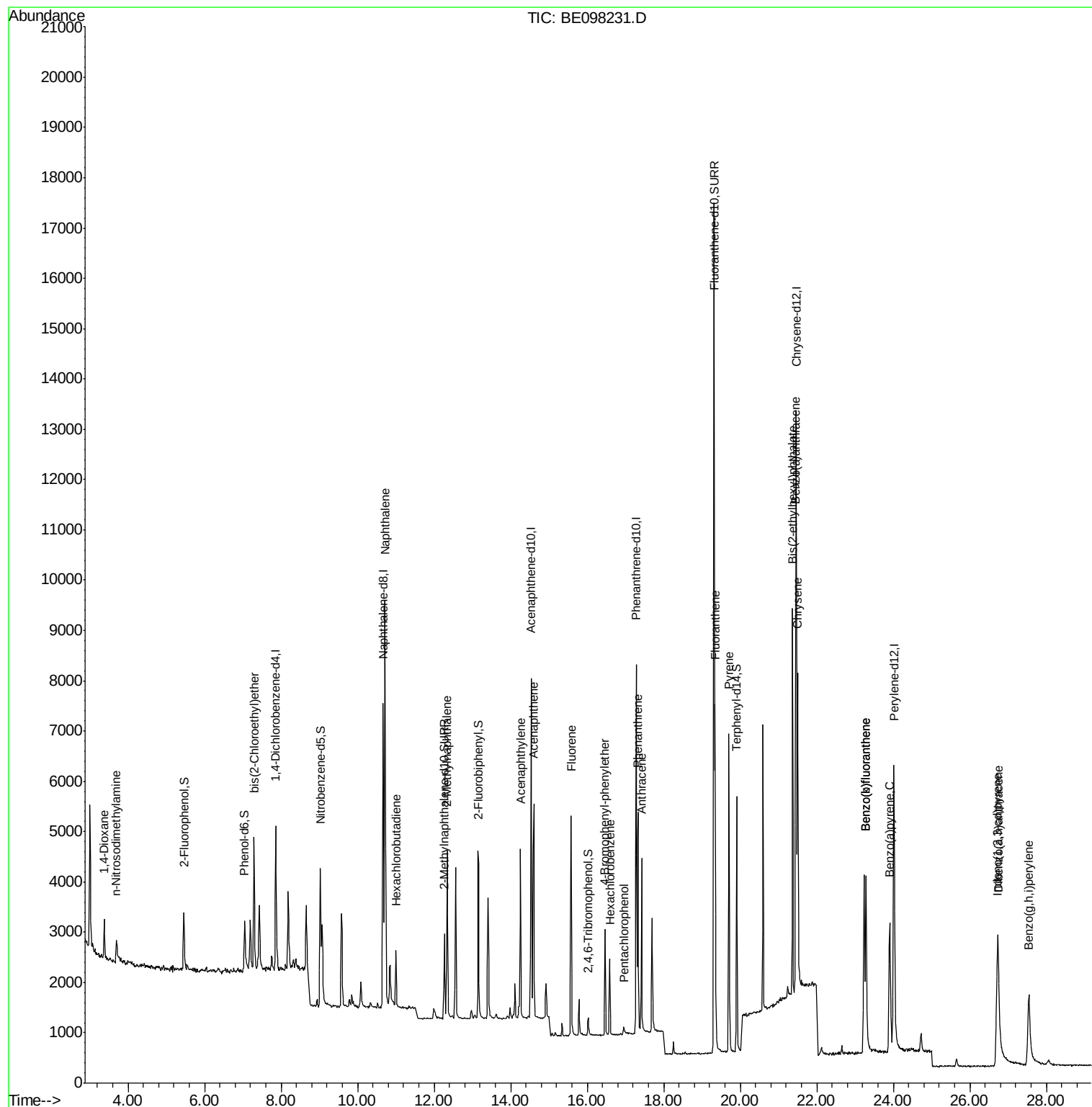
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	455	0.207	ng	92
3) n-Nitrosodimethylamine	3.69	42	473	0.179	ng	# 20
6) bis(2-Chloroethyl)ether	7.29	93	1013	0.205	ng	93
9) Naphthalene	10.72	128	14035	0.205	ng	99
10) Hexachlorobutadiene	11.01	225	843	0.198	ng	97
12) 2-Methylnaphthalene	12.34	142	2492	0.209	ng	93
16) Acenaphthylene	14.26	152	3976	0.205	ng	99
17) Acenaphthene	14.60	154	2417	0.204	ng	99
18) Fluorene	15.58	166	3047	0.201	ng	97
20) 4-Bromophenyl-phenylether	16.46	248	1209	0.204	ng	91
21) Hexachlorobenzene	16.59	284	1285	0.208	ng	98
22) Pentachlorophenol	16.95	266	139	0.129	ng	96
23) Phenanthrene	17.33	178	5063	0.209	ng	99
24) Anthracene	17.42	178	4462	0.197	ng	99
26) Fluoranthene	19.34	202	6039	0.201	ng	99
28) Pyrene	19.71	202	6157	0.220	ng	99
30) Benzo(a)anthracene	21.45	228	5759	0.199	ng	97
31) Chrysene	21.50	228	6121	0.208	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	8501	0.141	ng	99
33) Indeno(1,2,3-cd)pyrene	26.72	276	4889	0.181	ng	# 89
35) Benzo(b)fluoranthene	23.29	252	6101	0.221	ng	98
36) Benzo(k)fluoranthene	23.29	252	6101	0.210	ng	# 96
37) Benzo(a)pyrene	23.90	252	5250	0.199	ng	# 93
38) Dibenzo(a,h)anthracene	26.74	278	3901	0.173	ng	# 92
39) Benzo(g,h,i)perylene	27.54	276	4659	0.198	ng	# 93

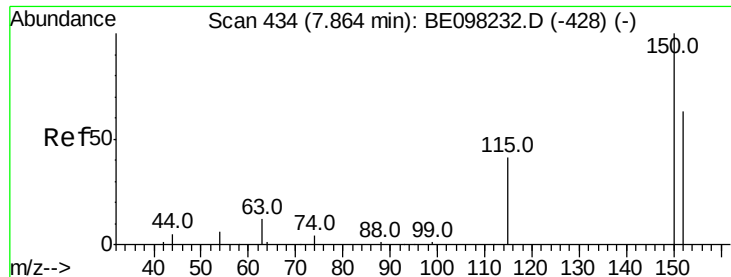
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

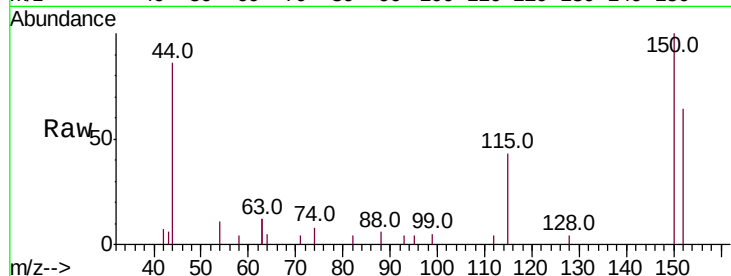
Tot Ion:152 Resp: 1350

Ion Ratio Lower Upper

152 100

150 157.4 127.5 191.3

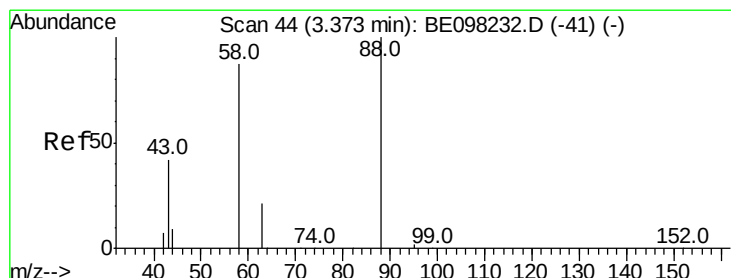
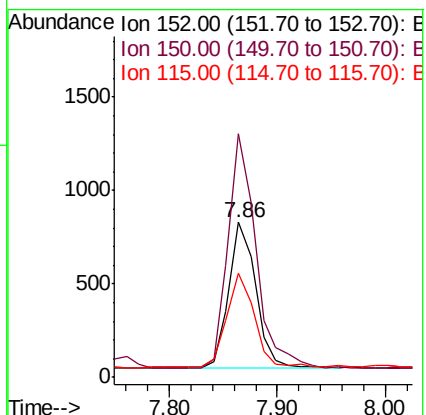
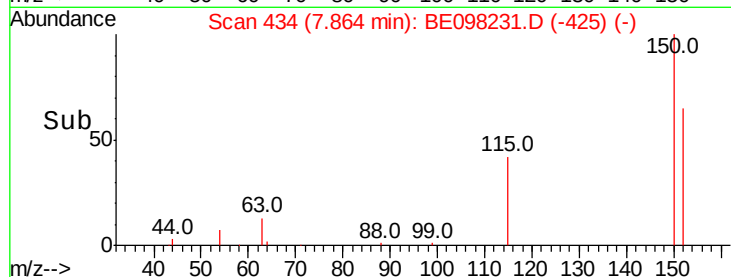
115 66.9 60.3 90.5



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: 0.207 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

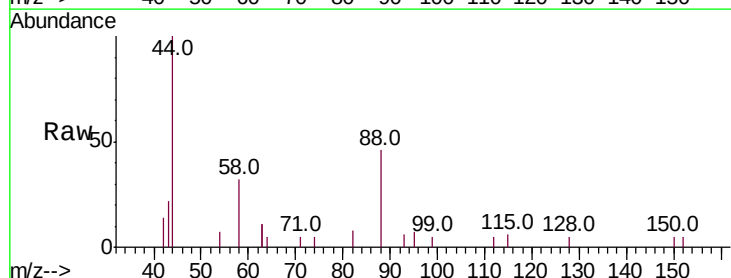
Tgt Ion: 88 Resp: 455

Ion Ratio Lower Upper

88 100

58 87.7 79.0 118.4

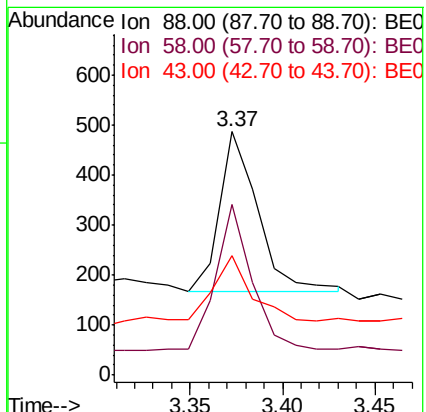
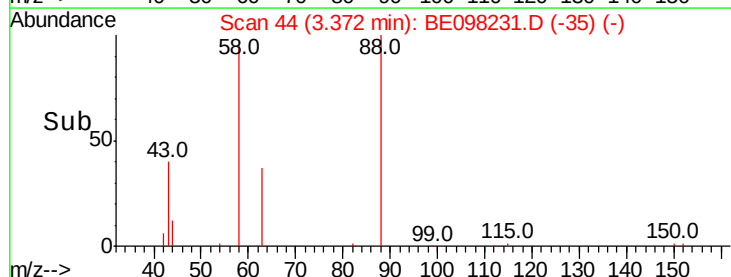
43 47.5 38.1 57.1

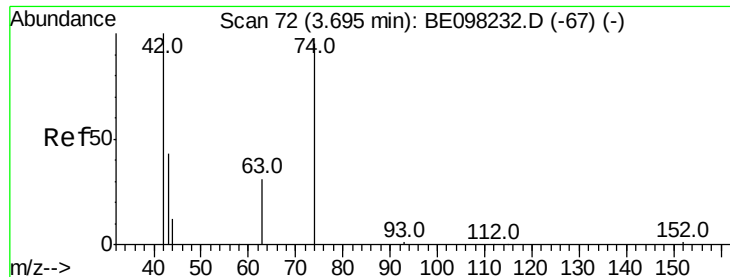


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.179 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampled :

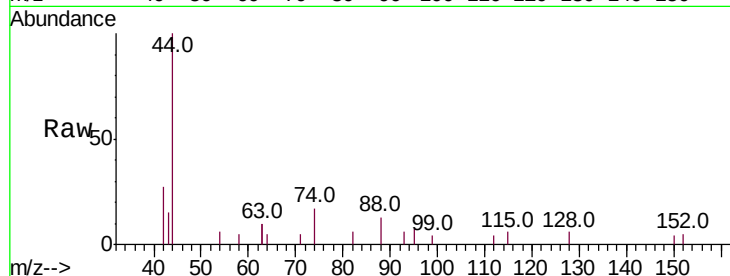
Tot Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

74 0.0 61.7 92.5#

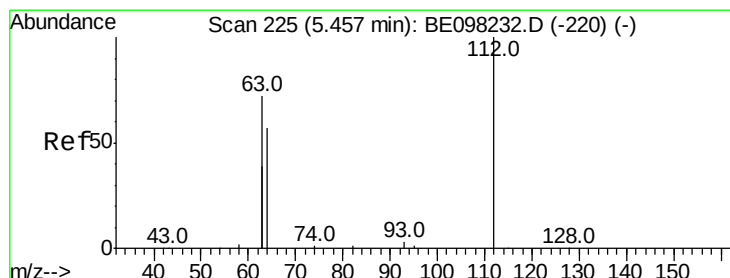
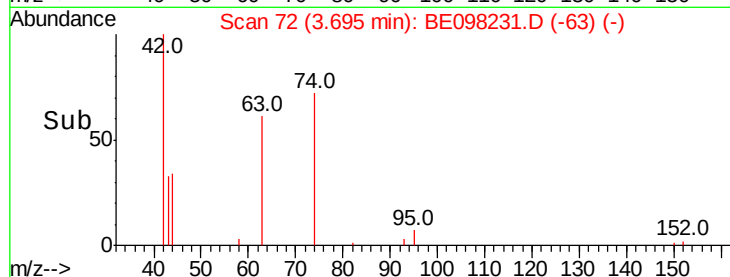
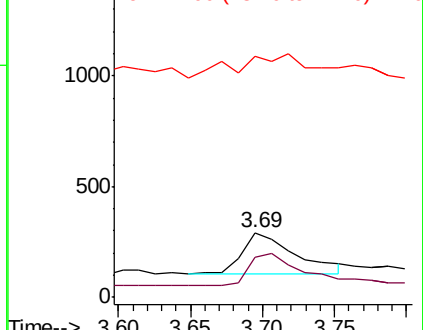
44 0.0 14.0 21.0#



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: 0.195 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

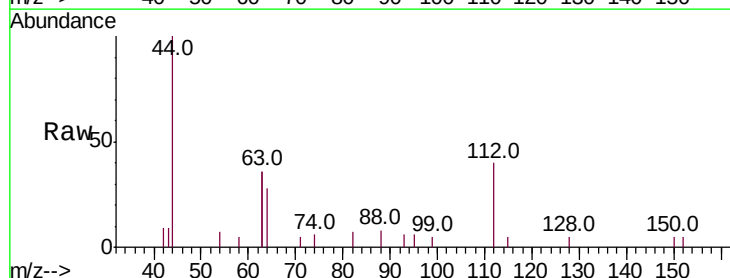
Tgt Ion: 112 Resp: 744

Ion Ratio Lower Upper

112 100

64 77.2 61.7 92.5

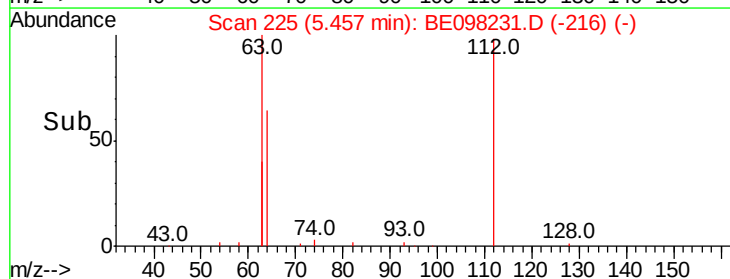
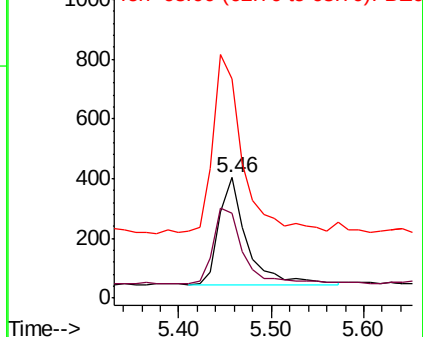
63 180.4 136.2 204.2

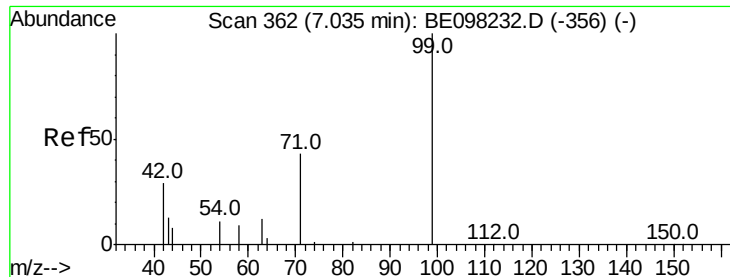


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.187 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

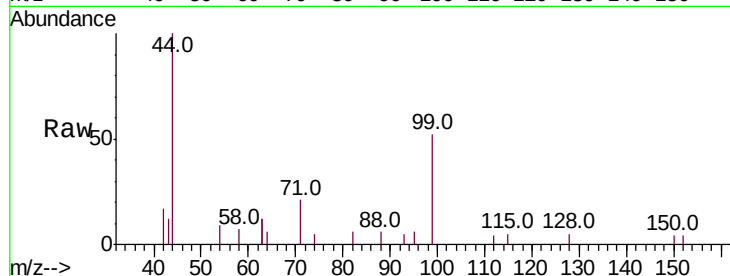
Tot Ion: 99 Resp: 1145

Ion Ratio Lower Upper

99 100

42 28.6 27.1 40.7

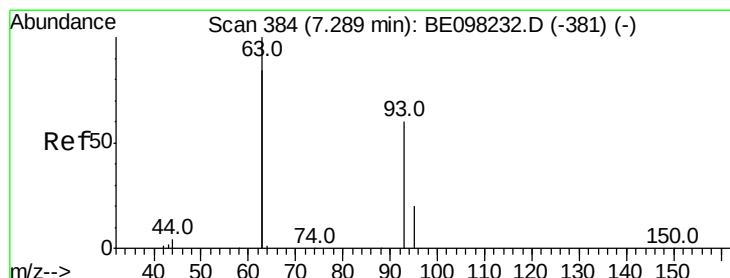
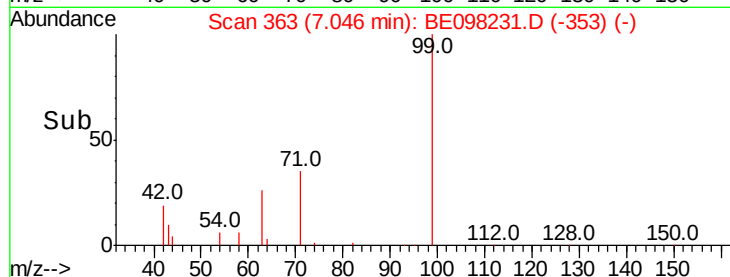
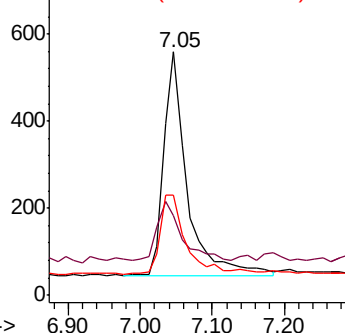
71 38.4 37.0 55.6



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: 0.205 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

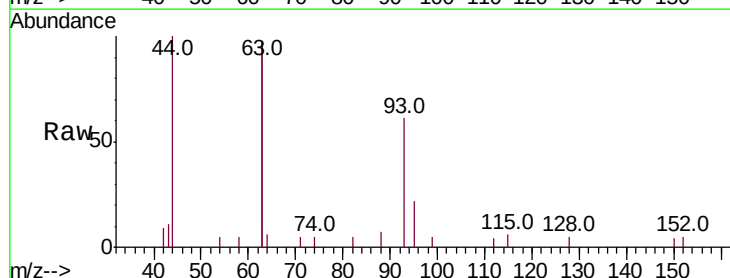
Tgt Ion: 93 Resp: 1013

Ion Ratio Lower Upper

93 100

63 324.2 272.6 409.0

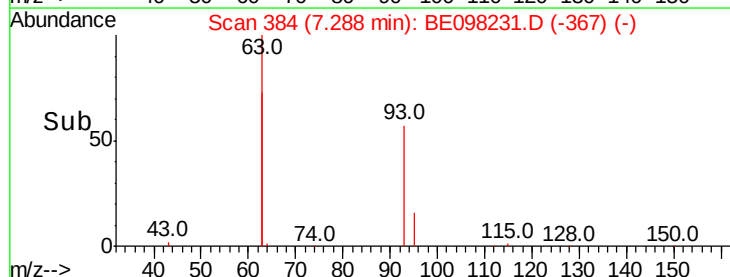
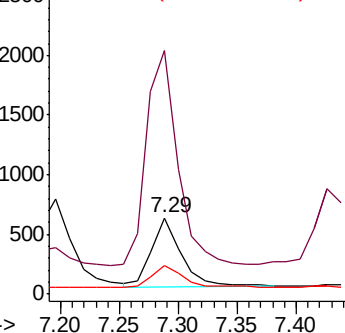
95 33.5 27.1 40.7

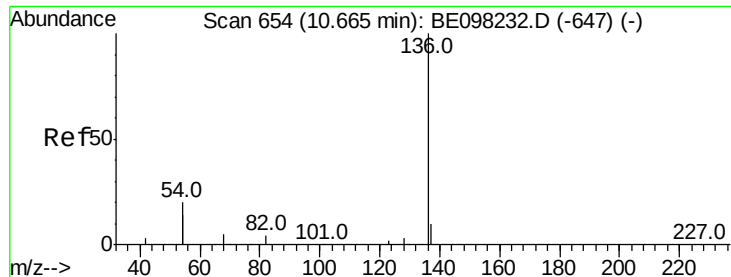


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6746

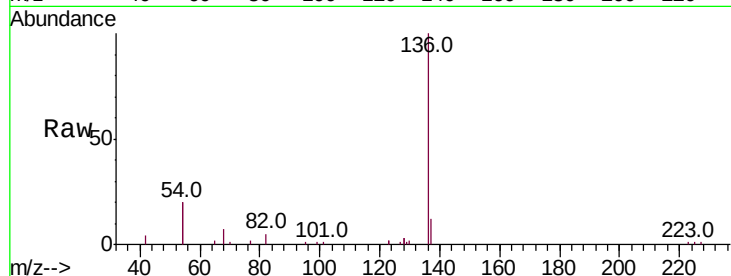
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 39.2 31.3 46.9

68 6.6 4.8 7.2

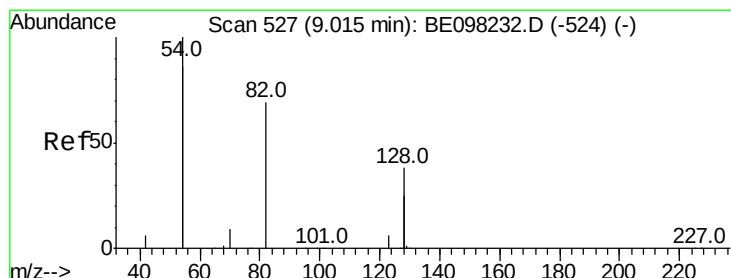
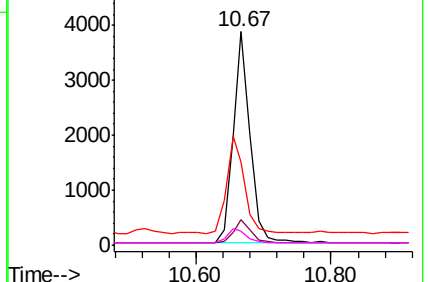
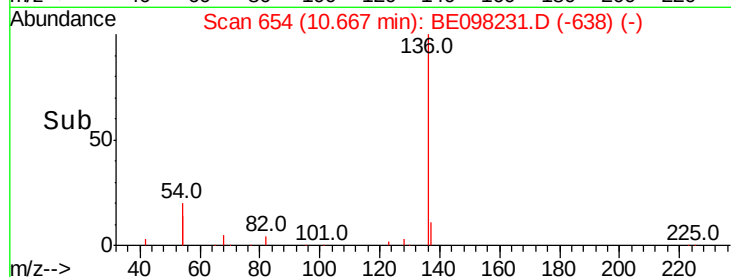


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.193 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.02 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

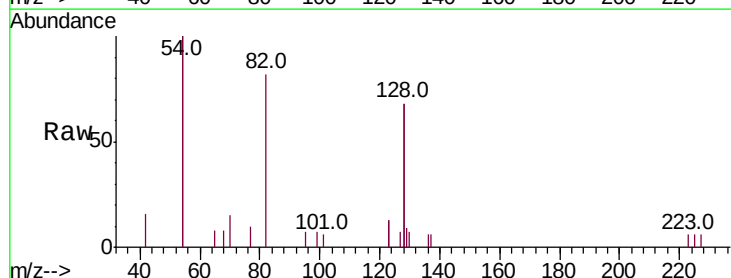
Tgt Ion: 82 Resp: 1301

Ion Ratio Lower Upper

82 100

128 166.8 96.1 144.1#

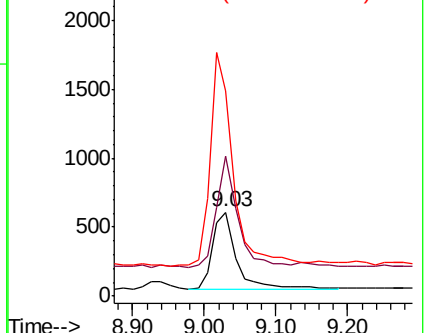
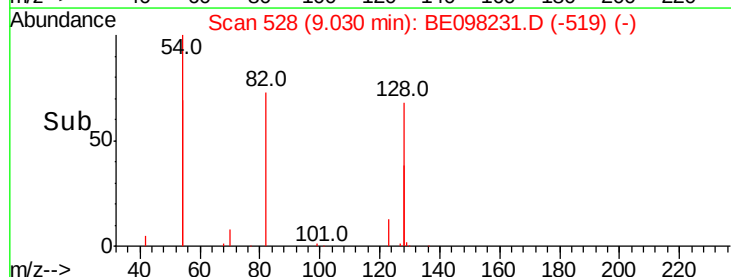
54 243.7 232.0 348.0

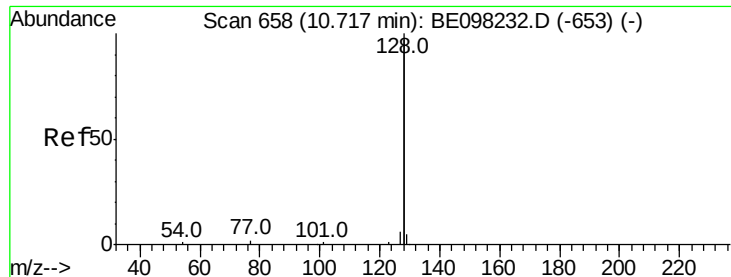


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.205 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

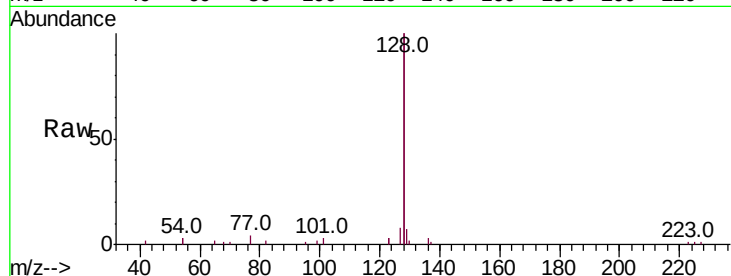
Tot Ion:128 Resp: 14035

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

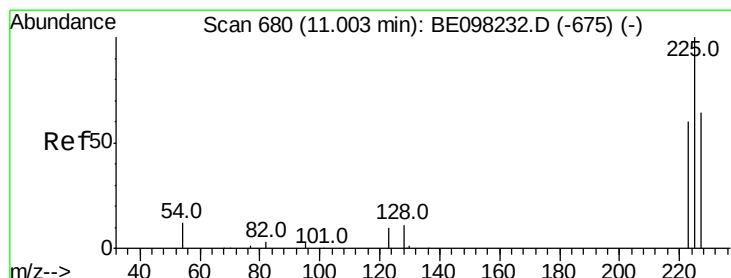
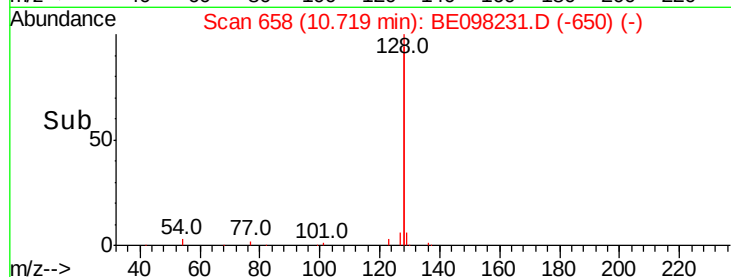
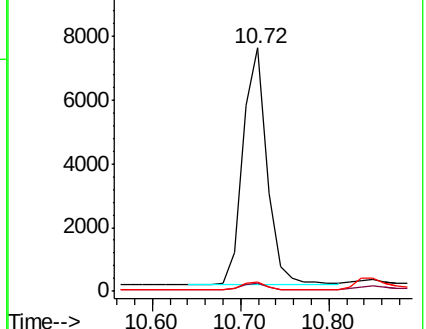
127 3.8 2.8 4.2



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: 0.198 ng

RT: 11.01 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

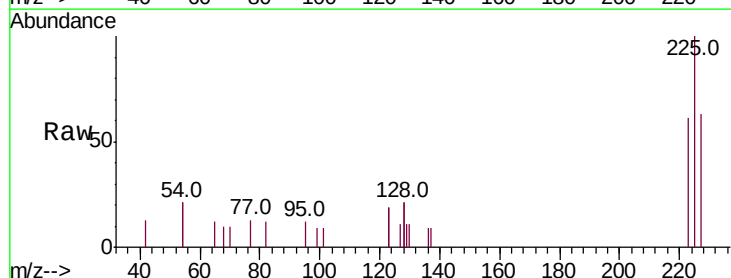
Tgt Ion:225 Resp: 843

Ion Ratio Lower Upper

225 100

223 60.9 50.5 75.7

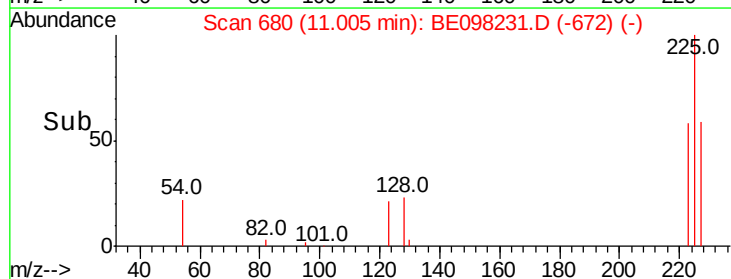
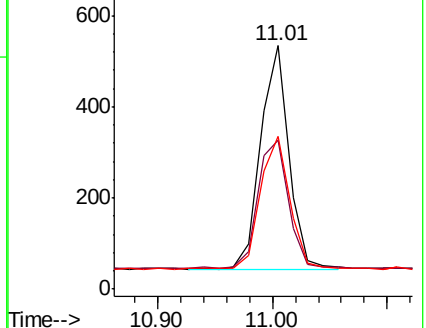
227 61.0 50.3 75.5

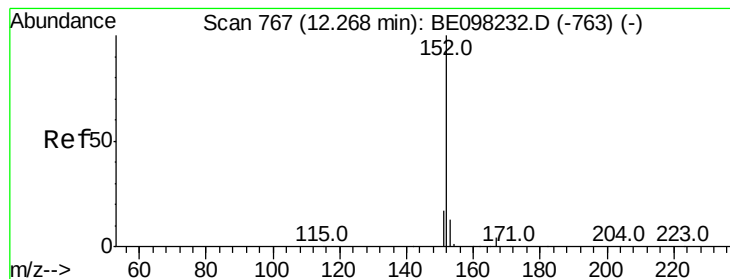


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.204 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

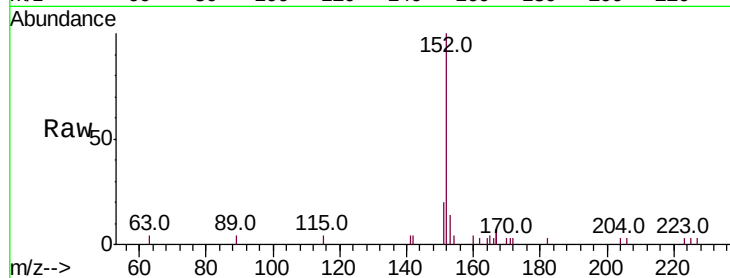
ClientSampleId :

Tot Ion:152 Resp: 2409

Ion Ratio Lower Upper

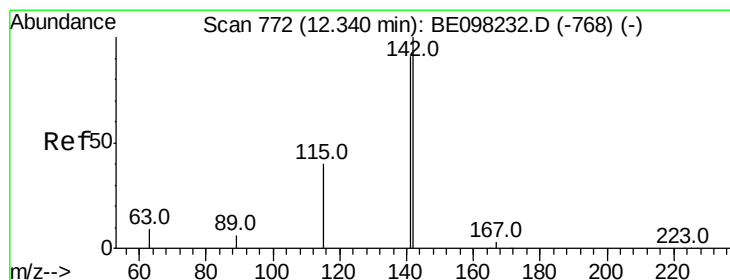
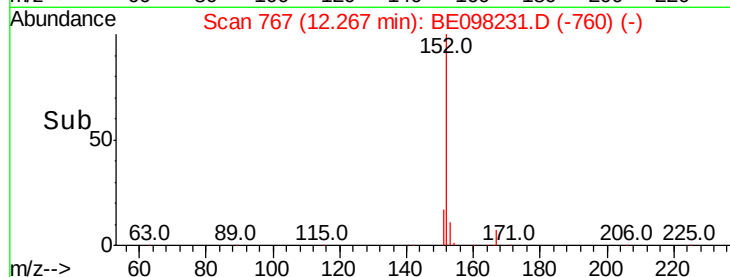
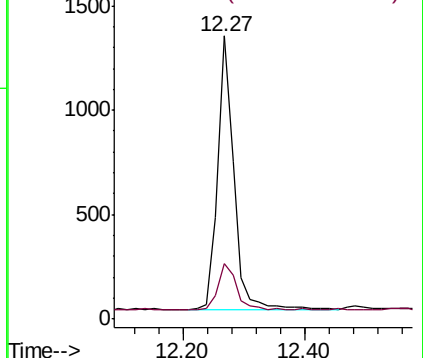
152 100

151 19.0 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: 0.209 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

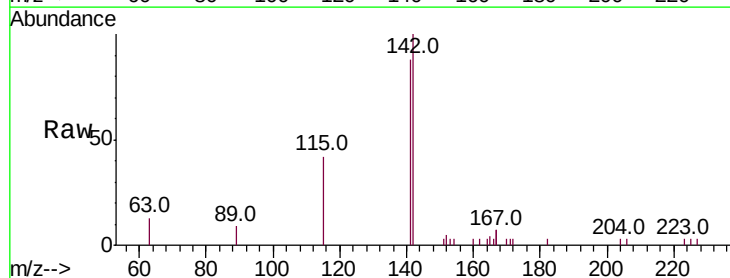
Tgt Ion:142 Resp: 2492

Ion Ratio Lower Upper

142 100

141 87.7 76.3 114.5

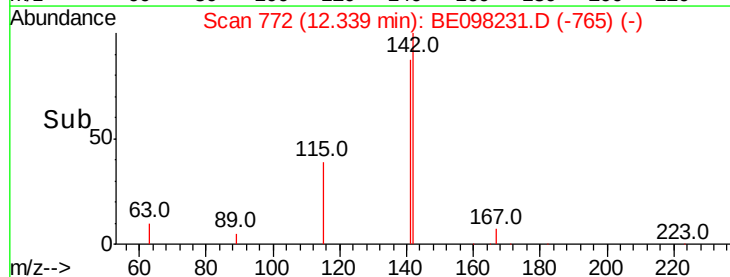
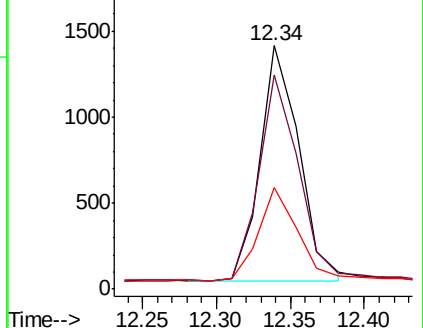
115 41.9 35.8 53.8

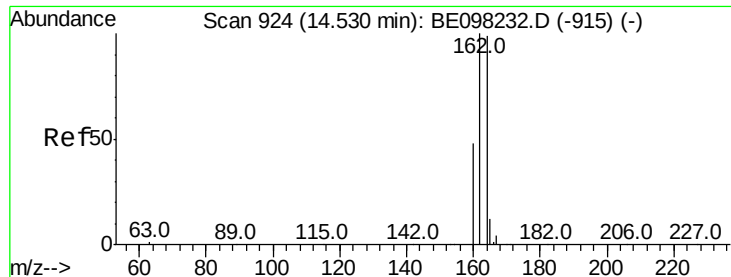


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

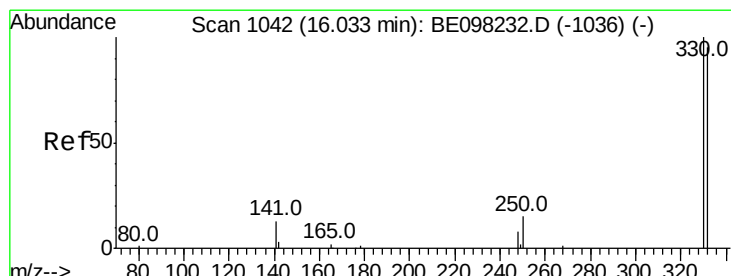
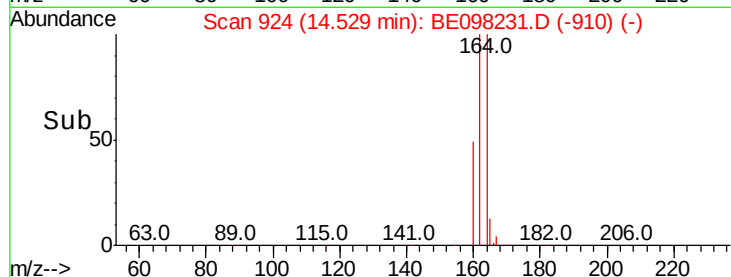
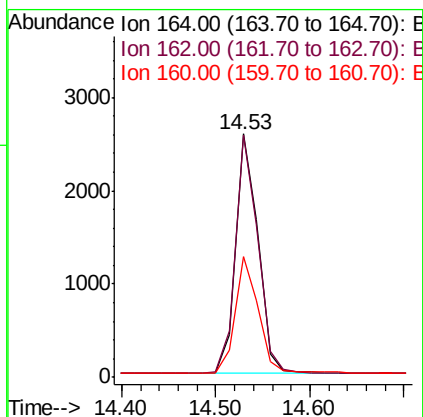
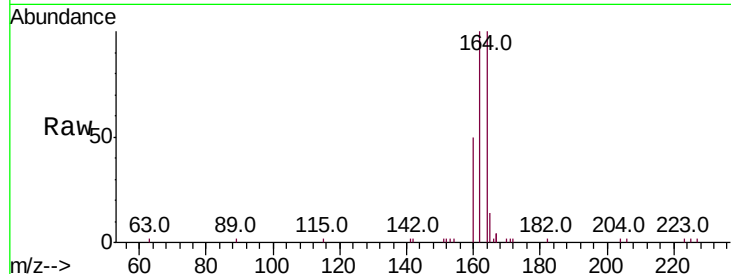




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098231.D
 Acq: 16 Nov 2018 16:01

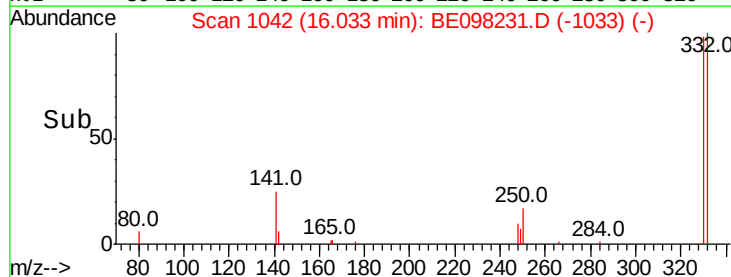
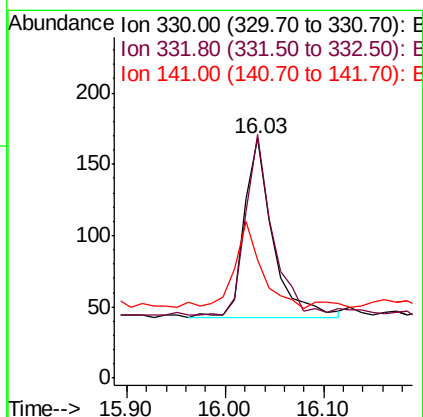
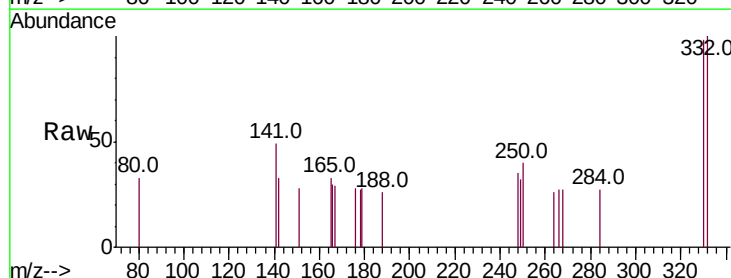
Instrument :
 BNA_E
 ClientSampleId :

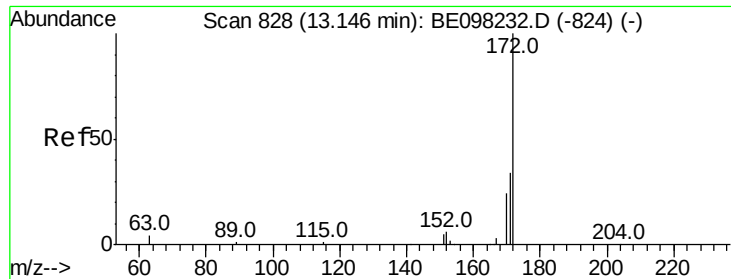
Tot Ion:164 Resp: 4228
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.8 122.6
 160 49.7 39.4 59.0



#14
 2,4,6-Tribromophenol
 Concen: 0.136 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098231.D
 Acq: 16 Nov 2018 16:01

Tgt Ion:330 Resp: 250
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.7 116.5
 141 47.2 33.6 50.4

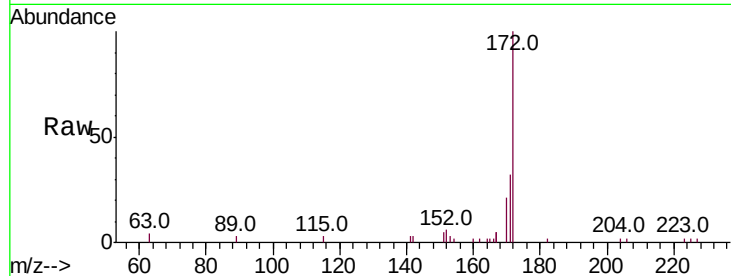




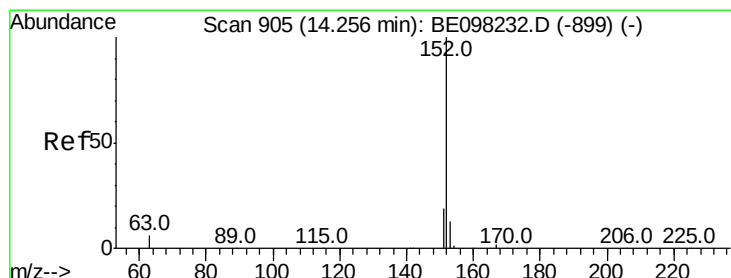
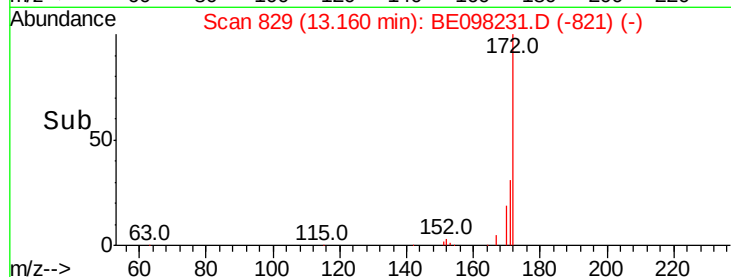
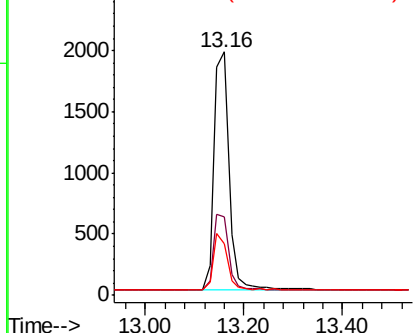
#15
2-Fluorobiphenyl
Concen: 0.231 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098231.D
Acq: 16 Nov 2018 16:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4084
Ion Ratio Lower Upper
172 100
171 32.2 27.3 40.9
170 21.3 19.4 29.0

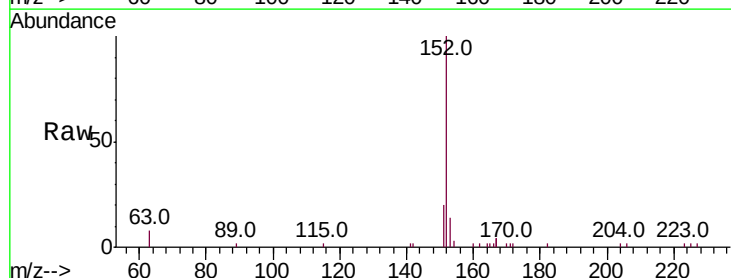


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

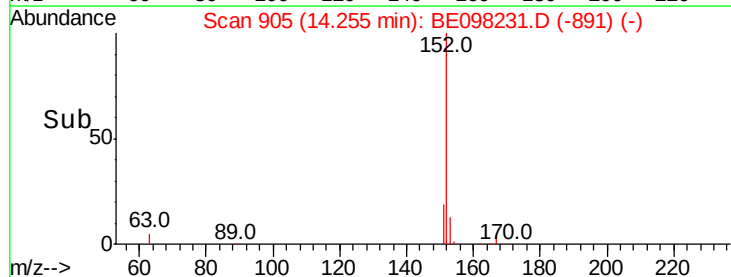
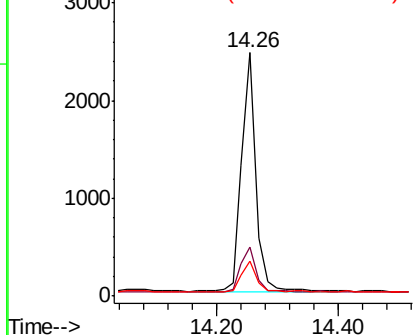


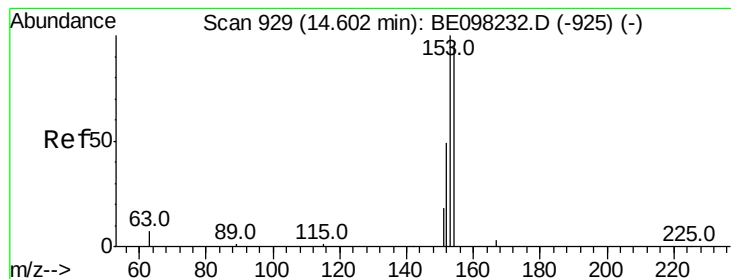
#16
Acenaphthylene
Concen: 0.205 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098231.D
Acq: 16 Nov 2018 16:01

Tgt Ion:152 Resp: 3976
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.8 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: 0.204 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

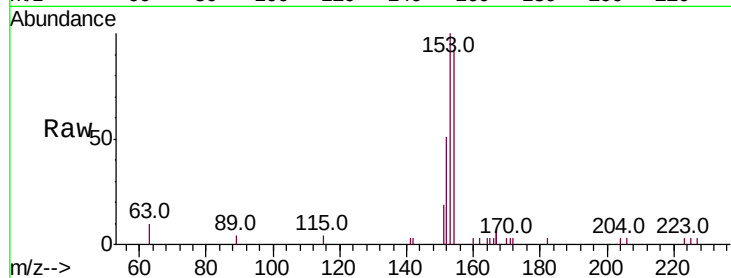
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 2417

Ion	Ratio	Lower	Upper
154	100		
153	115.9	92.1	138.1
152	59.6	46.2	69.2



Abundance

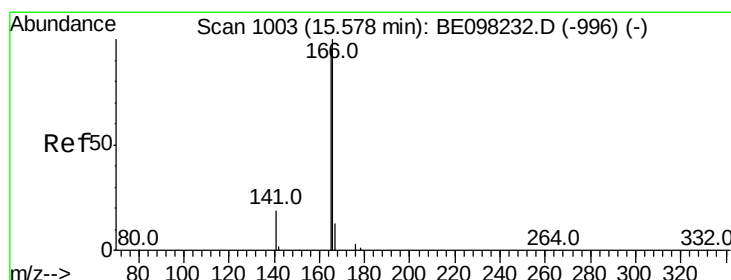
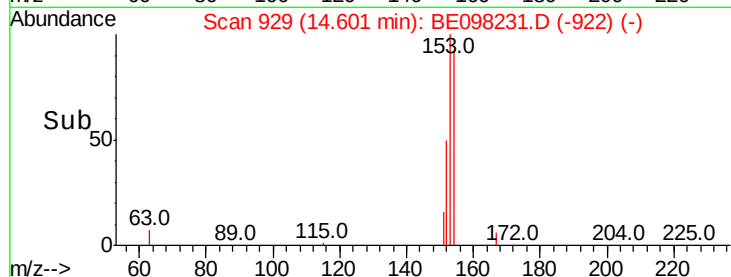
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.60

Time--> 14.50 14.55 14.60 14.65



#18

Fluorene

Concen: 0.201 ng

RT: 15.58 min Scan# 1003

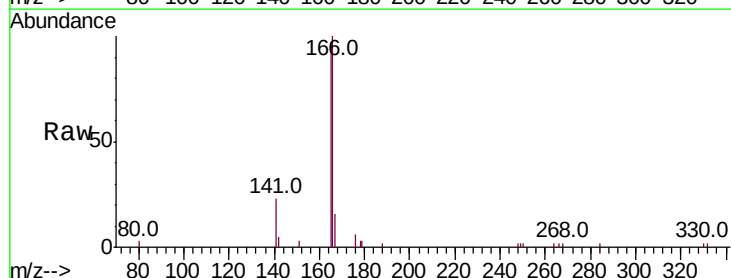
Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Tgt Ion:166 Resp: 3047

Ion	Ratio	Lower	Upper
166	100		
165	97.0	80.1	120.1
167	13.8	10.8	16.2



Abundance

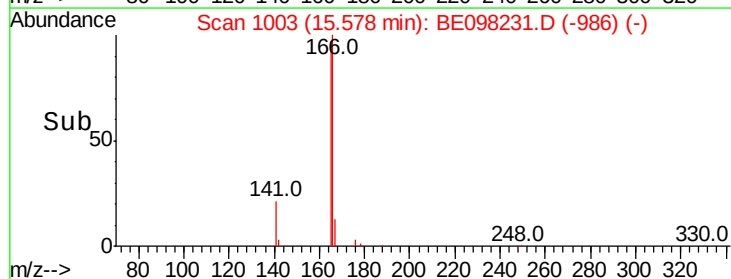
Ion 166.00 (165.70 to 166.70): E

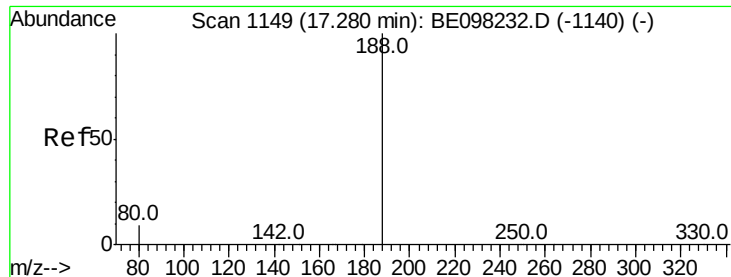
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.58

Time--> 15.50 15.60 15.70





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

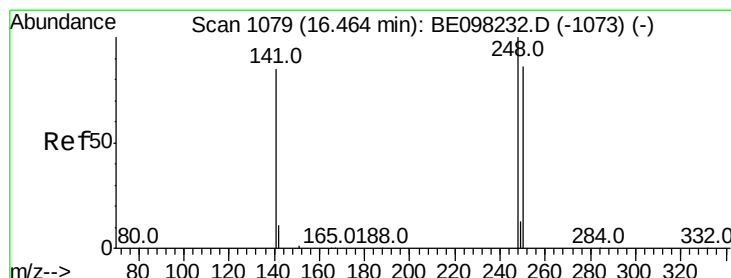
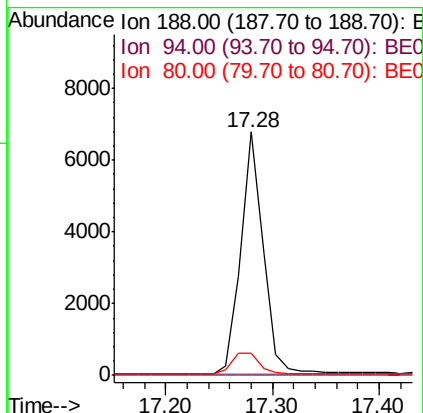
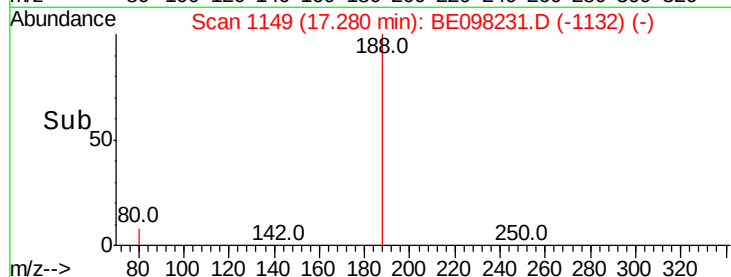
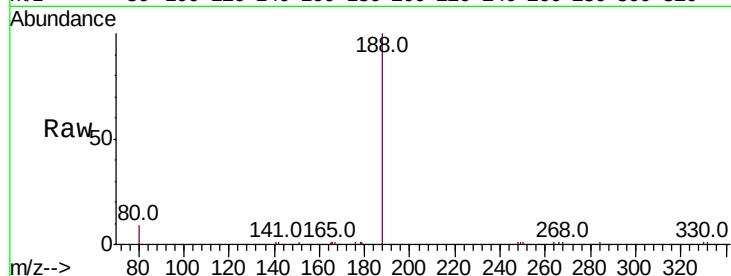
Tot Ion:188 Resp: 9747

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.204 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

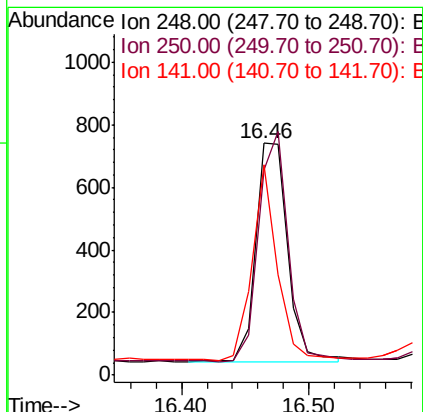
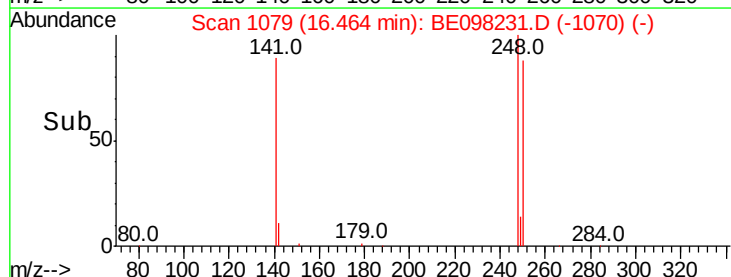
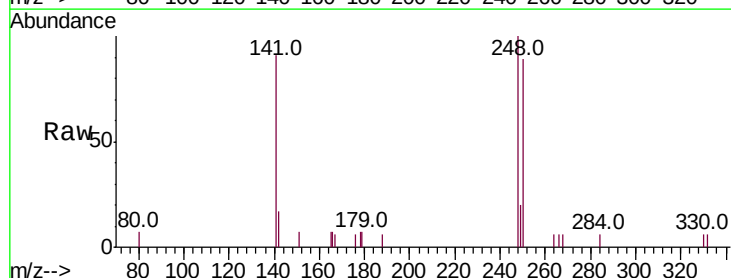
Tgt Ion:248 Resp: 1209

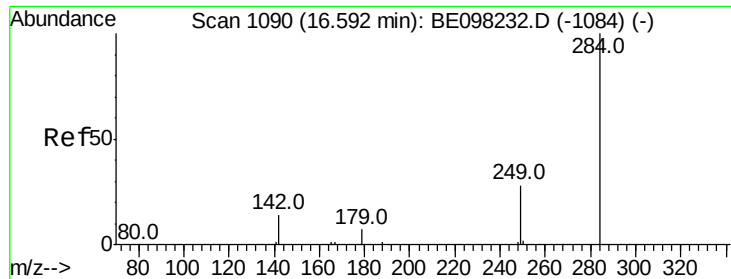
Ion Ratio Lower Upper

248 100

250 88.6 77.6 116.4

141 90.8 65.8 98.8

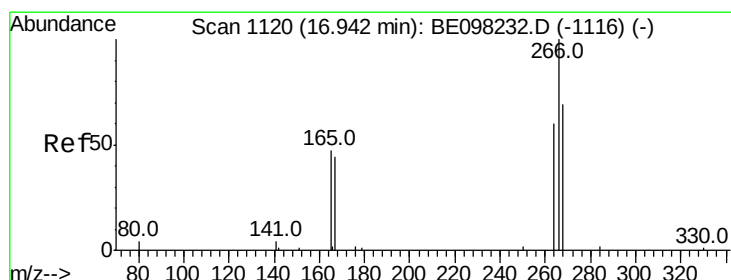
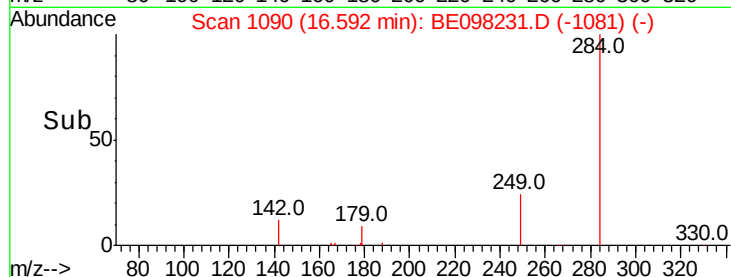
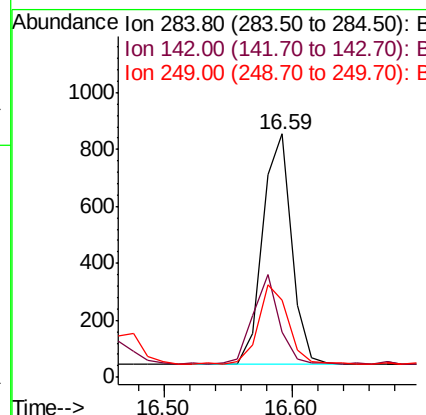
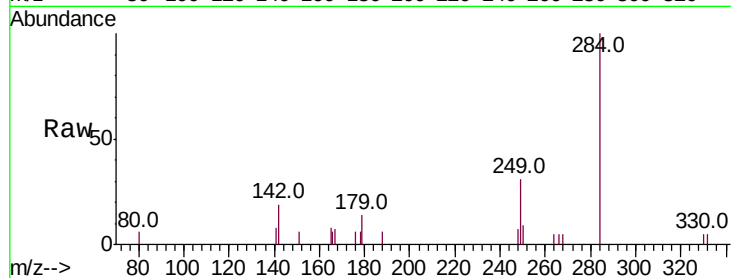




#21
Hexachlorobenzene
Concen: 0.208 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098231.D
Acq: 16 Nov 2018 16:01

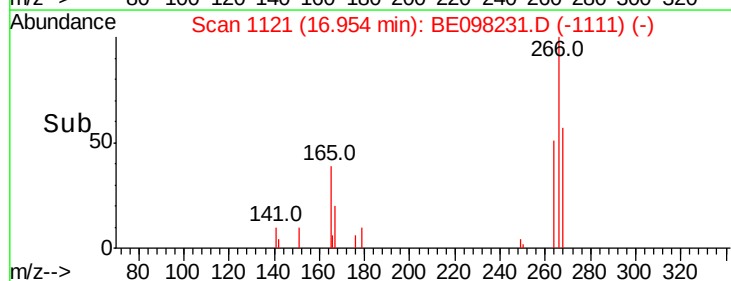
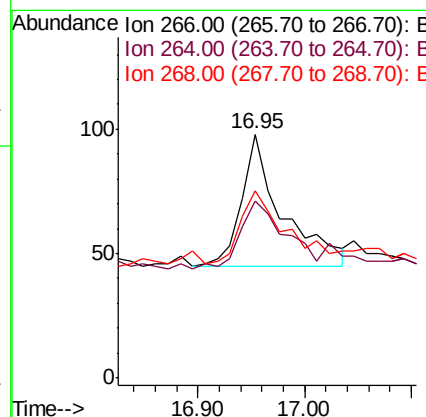
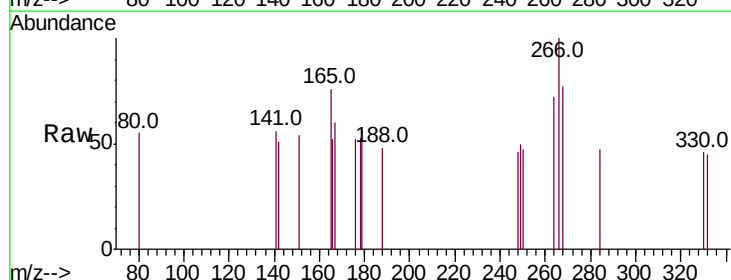
Instrument :
BNA_E
ClientSampled :

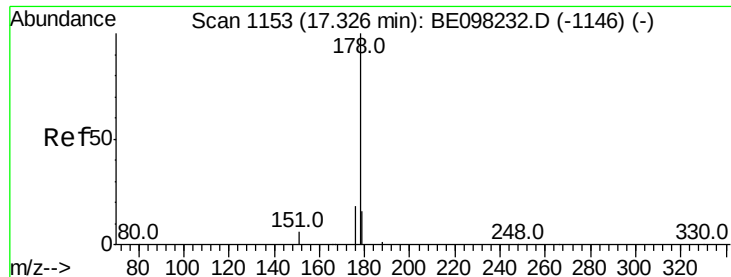
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.6	26.5	39.7
249	34.8	28.4	42.6



#22
Pentachlorophenol
Concen: 0.129 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098231.D
Acq: 16 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.4	57.6	86.4
268	76.5	56.8	85.2





#23

Phenanthrene

Concen: 0.209 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

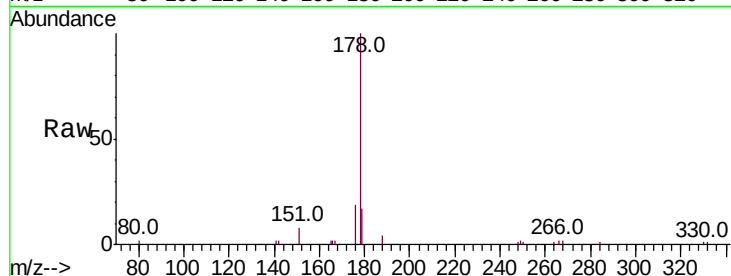
Tot Ion:178 Resp: 5063

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

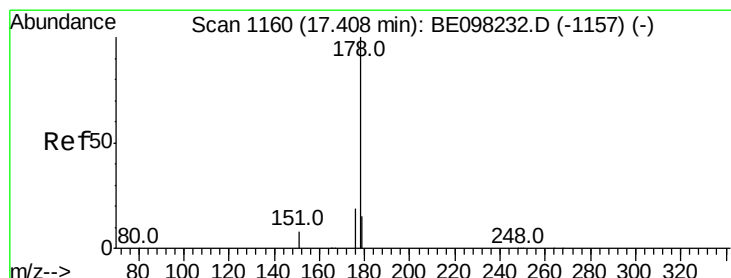
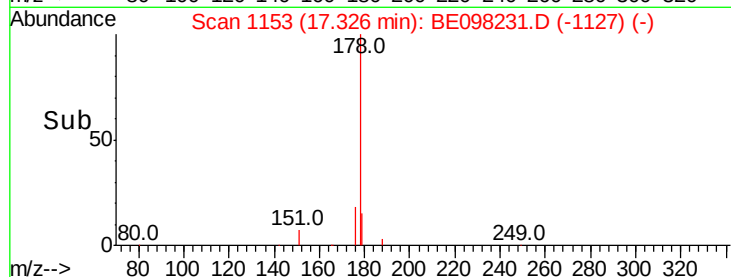
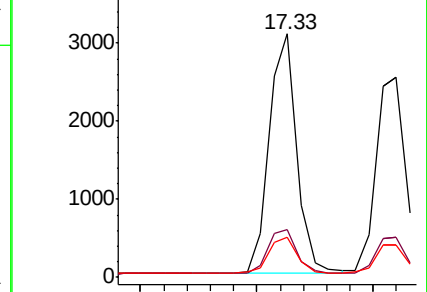
179 15.5 12.3 18.5



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: 0.197 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

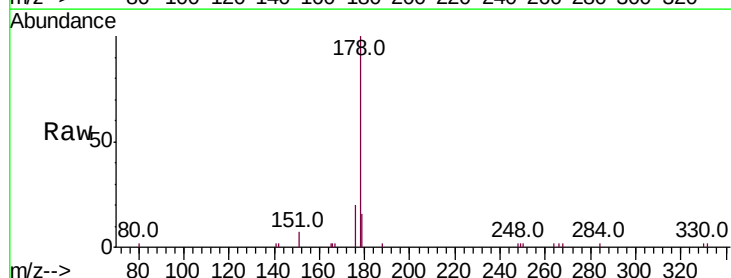
Tgt Ion:178 Resp: 4462

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

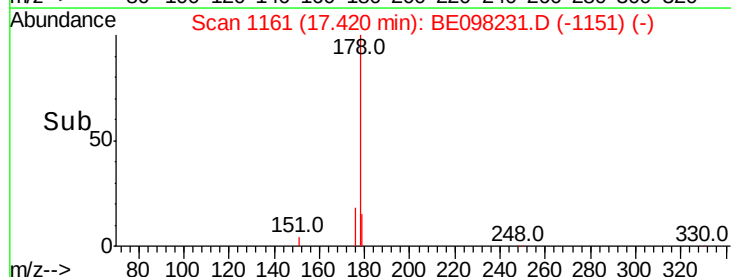
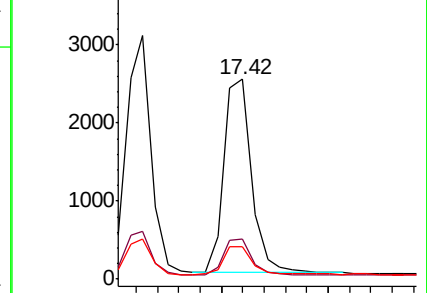
179 14.8 12.1 18.1

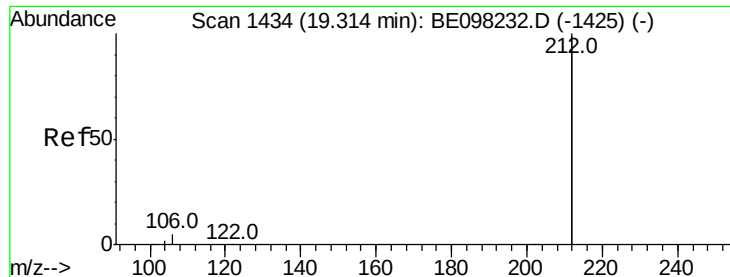


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.194 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

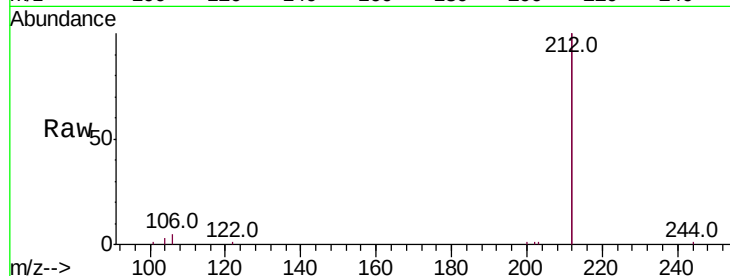
Tot Ion:212 Resp: 23628

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

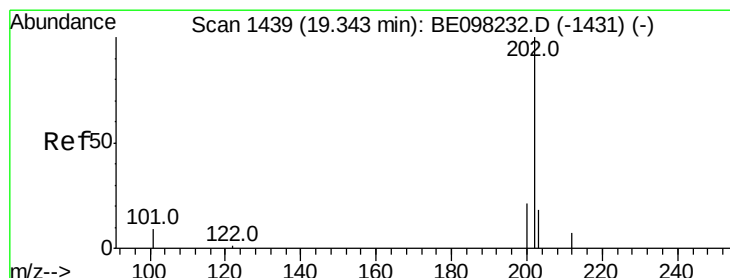
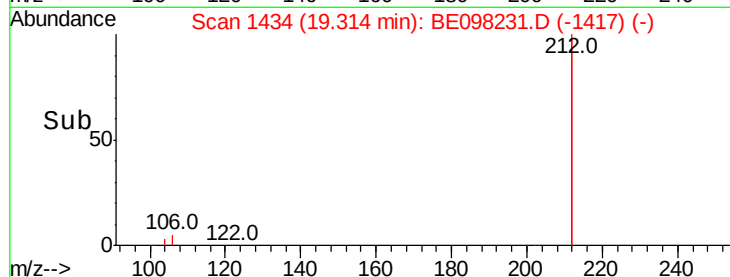
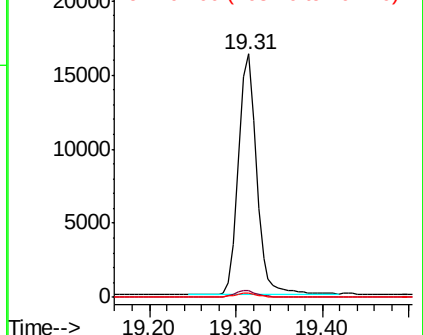
104 1.5 1.1 1.7



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: 0.201 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

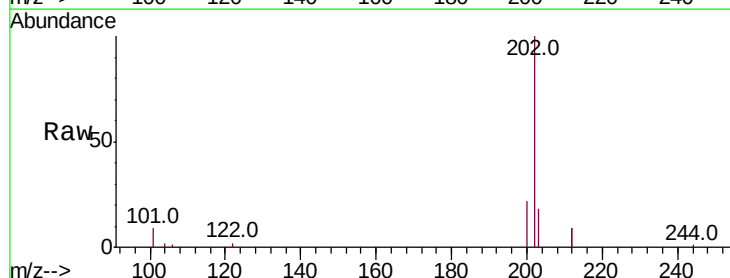
Tgt Ion:202 Resp: 6039

Ion Ratio Lower Upper

202 100

101 9.5 7.0 10.6

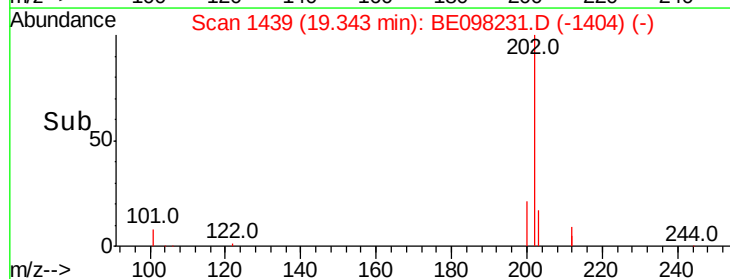
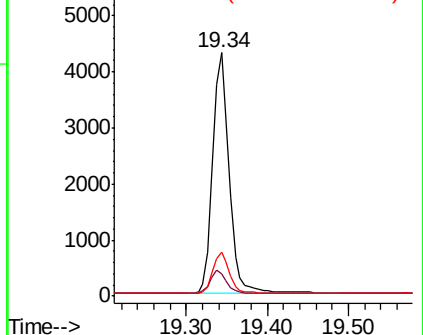
203 16.8 13.7 20.5

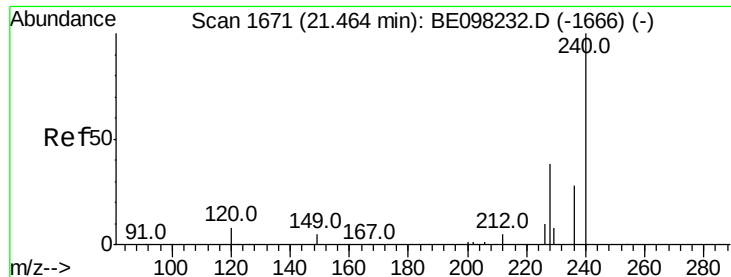


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

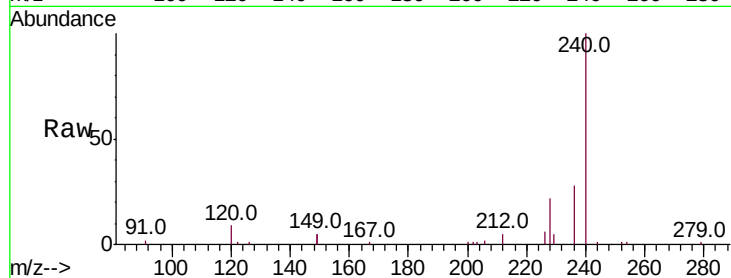
Tot Ion:240 Resp: 10192

Ion Ratio Lower Upper

240 100

120 9.3 4.8 7.2#

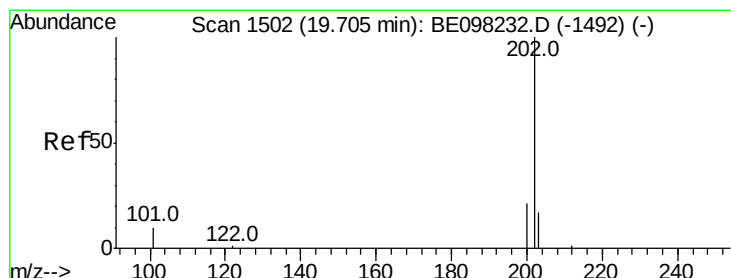
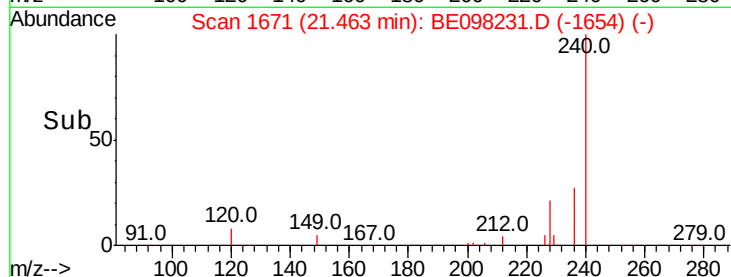
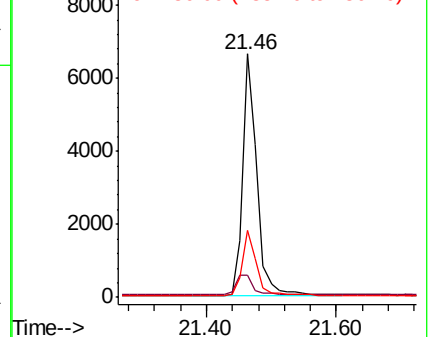
236 27.7 21.4 32.0



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: 0.220 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

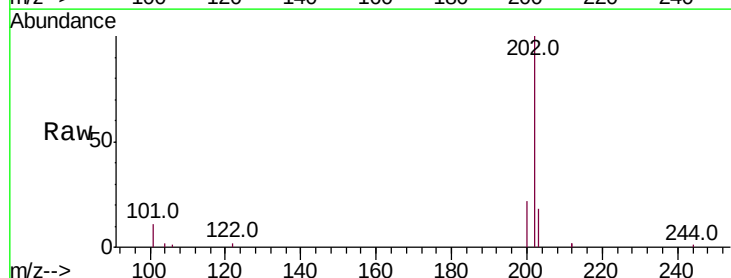
Tgt Ion:202 Resp: 6157

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

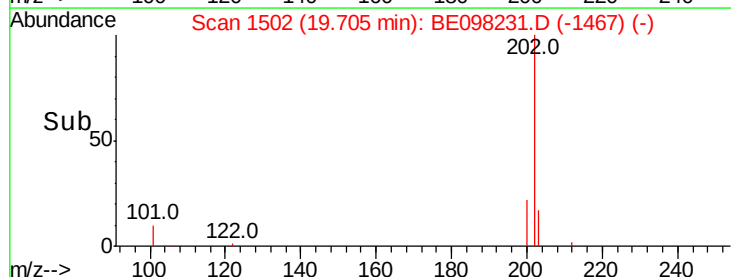
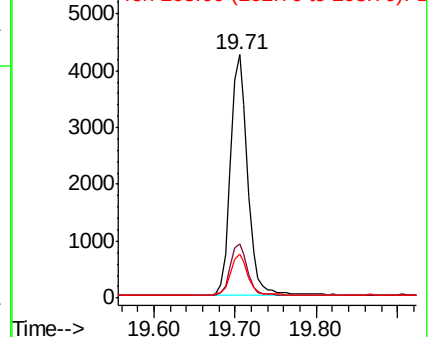
203 17.0 14.2 21.4

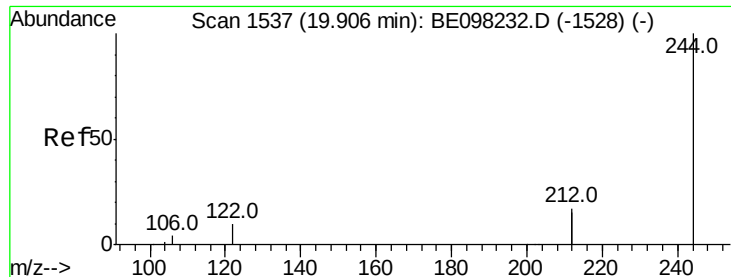


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.210 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

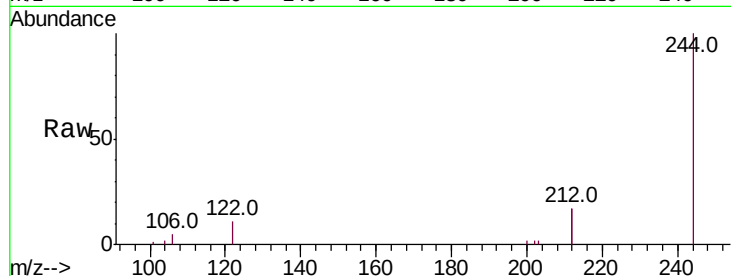
Tot Ion:244 Resp: 4851

Ion Ratio Lower Upper

244 100

212 35.0 26.8 40.2

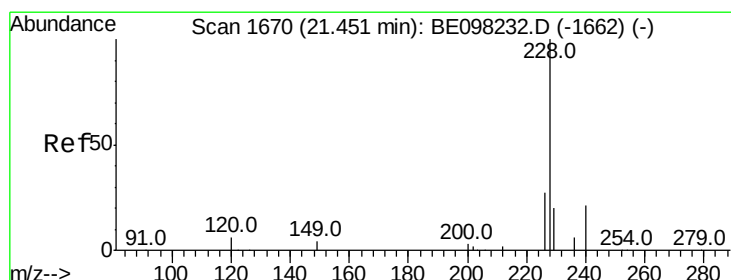
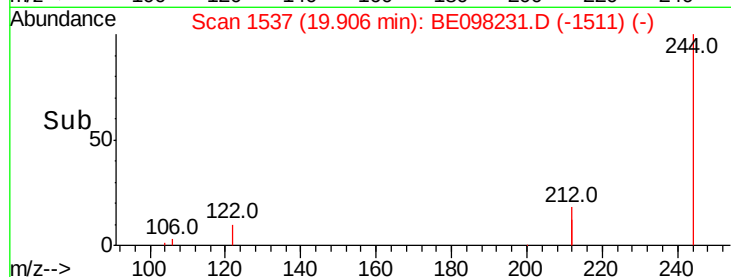
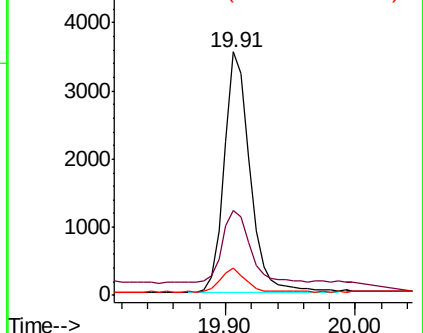
122 11.1 7.0 10.6#



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: 0.199 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

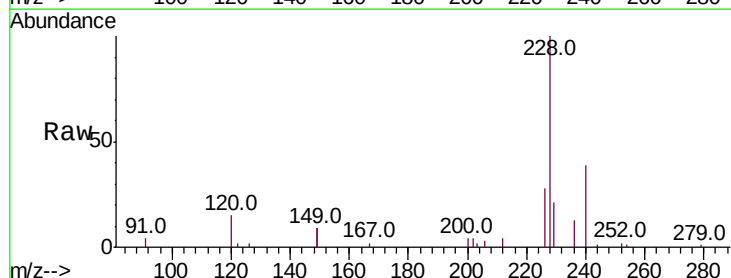
Tgt Ion:228 Resp: 5759

Ion Ratio Lower Upper

228 100

226 28.3 20.7 31.1

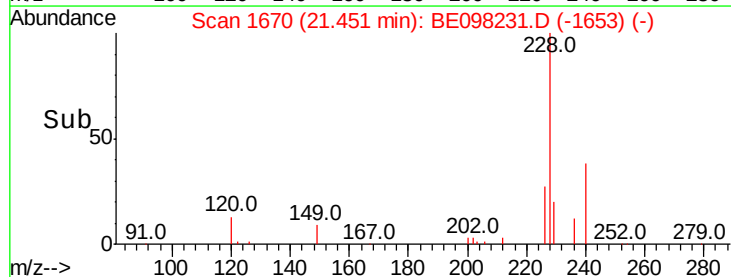
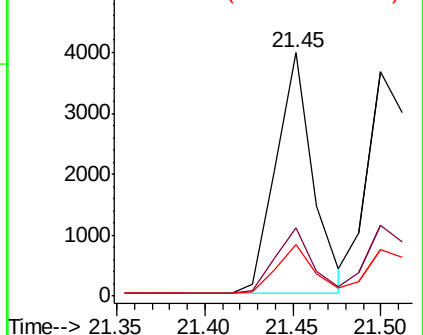
229 21.1 16.2 24.4

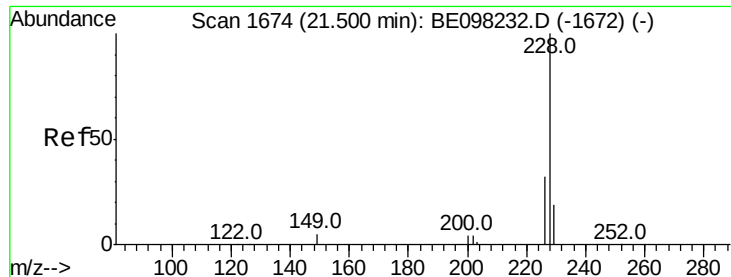


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.208 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

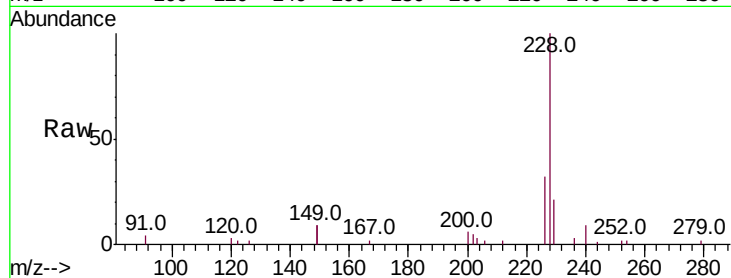
Tot Ion:228 Resp: 6121

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

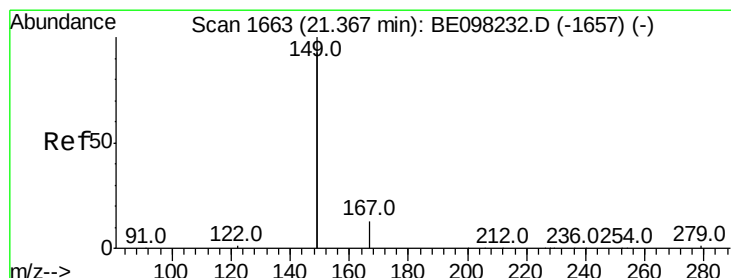
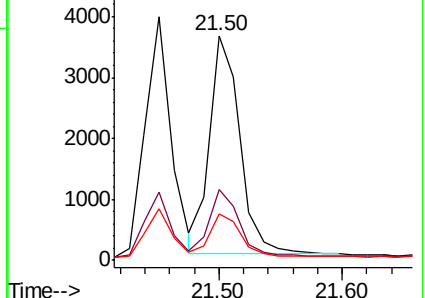
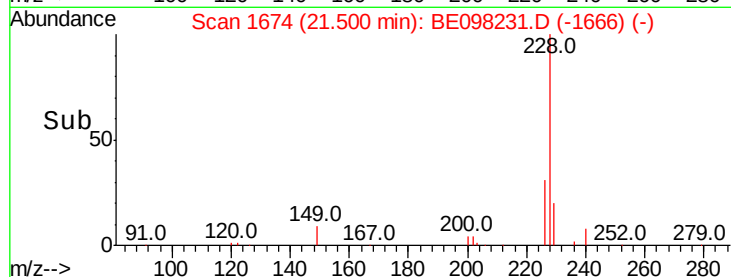
229 20.8 16.0 24.0



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: 0.141 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

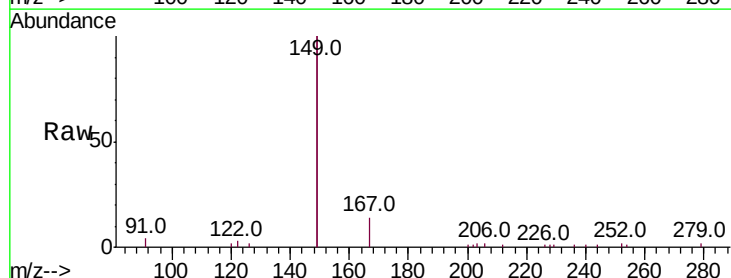
Tgt Ion:149 Resp: 8501

Ion Ratio Lower Upper

149 100

167 7.3 5.6 8.4

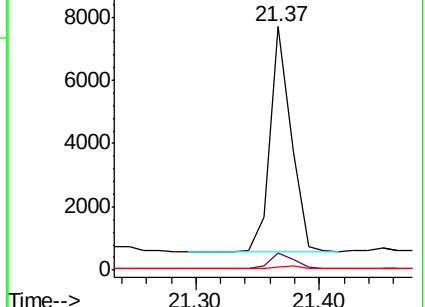
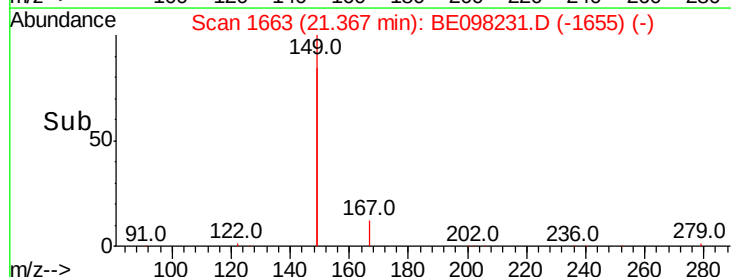
279 1.1 0.9 1.3

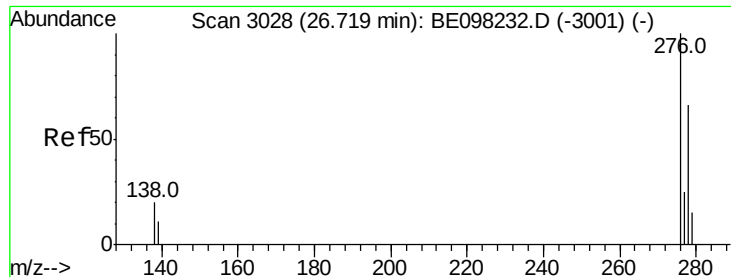


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.181 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

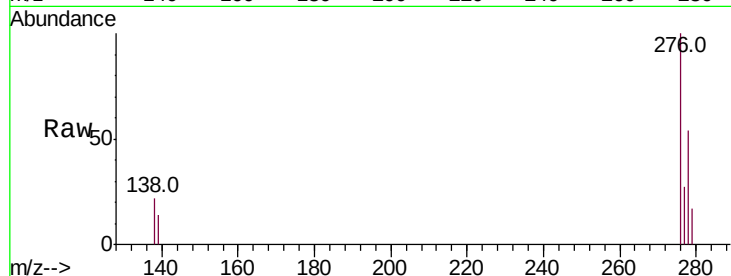
Tot Ion:276 Resp: 4889

Ion Ratio Lower Upper

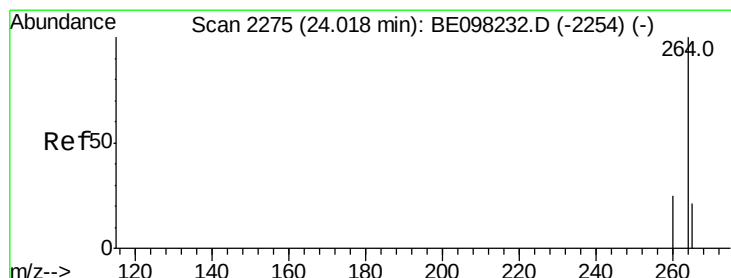
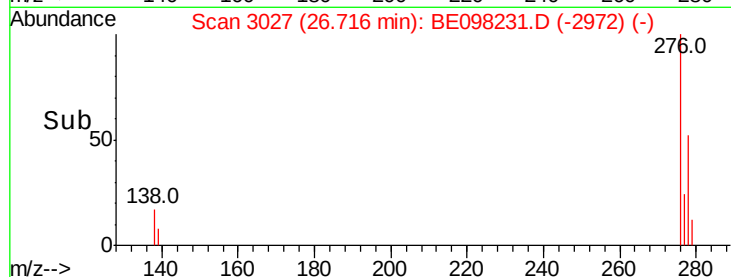
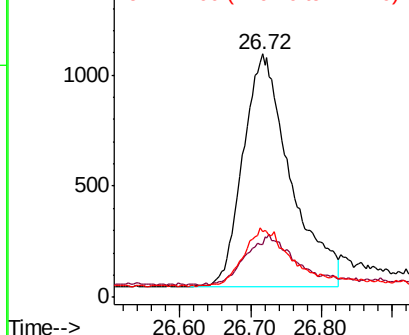
276 100

138 21.0 6.4 9.6#

277 24.6 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: 24.02 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

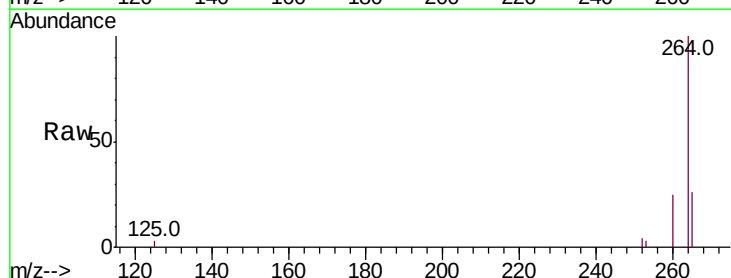
Tgt Ion:264 Resp: 9712

Ion Ratio Lower Upper

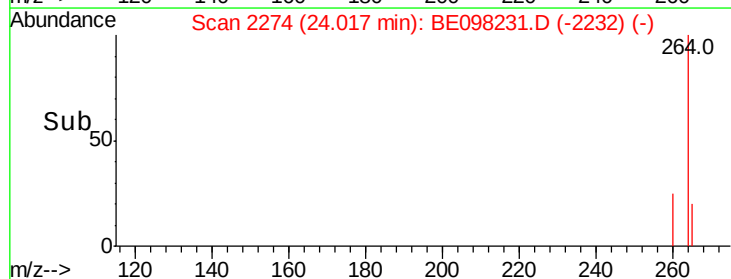
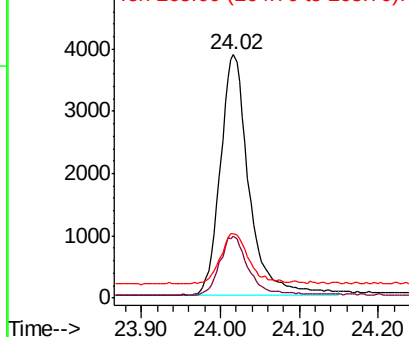
264 100

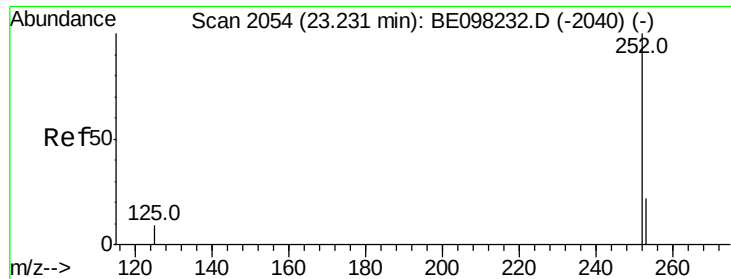
260 25.4 19.9 29.9

265 26.2 21.3 31.9



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: 0.221 ng

RT: 23.29 min Scan# 2069

Delta R.T. 0.06 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :

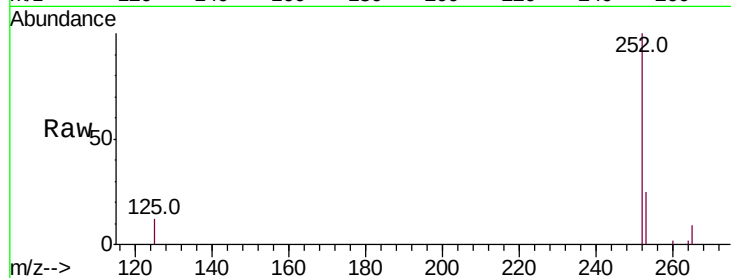
Tot Ion:252 Resp: 6101

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.0

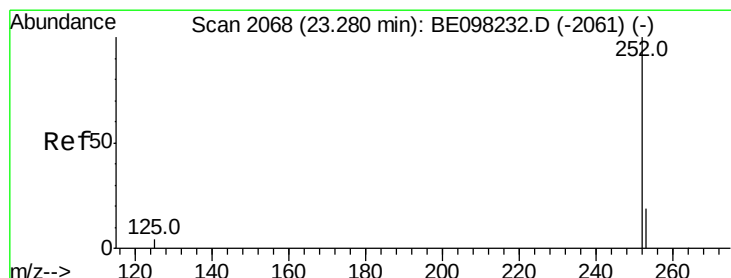
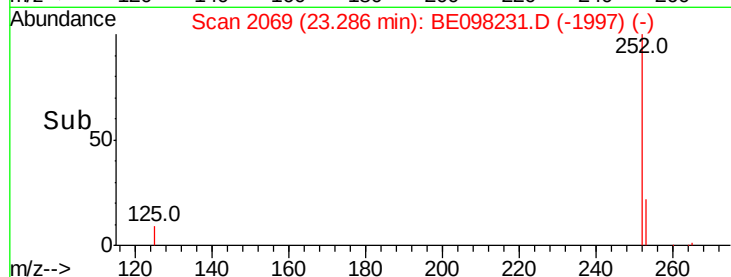
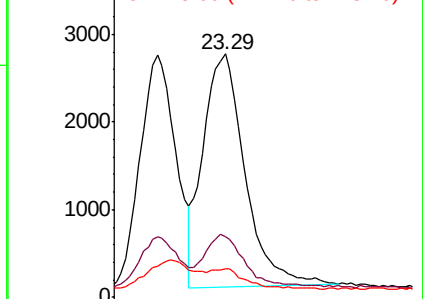
125 11.7 8.6 12.8



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



#36

Benzo(k)fluoranthene

Concen: 0.210 ng

RT: 23.29 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

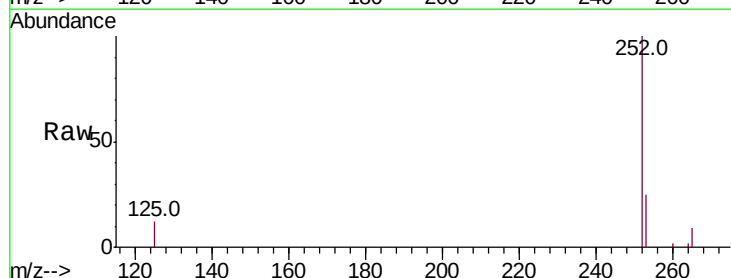
Tgt Ion:252 Resp: 6101

Ion Ratio Lower Upper

252 100

253 24.8 18.6 28.0

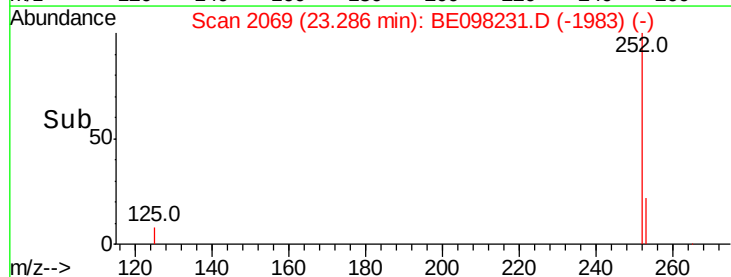
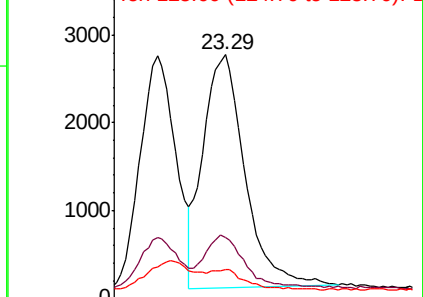
125 11.7 7.4 11.0#

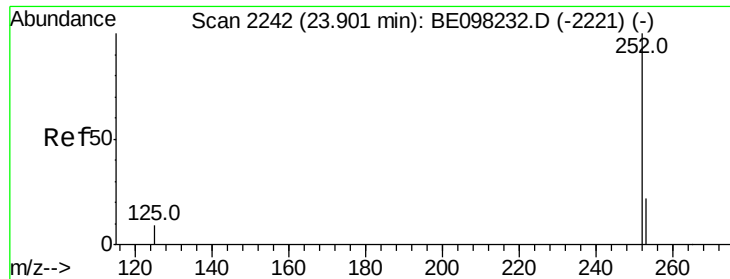


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

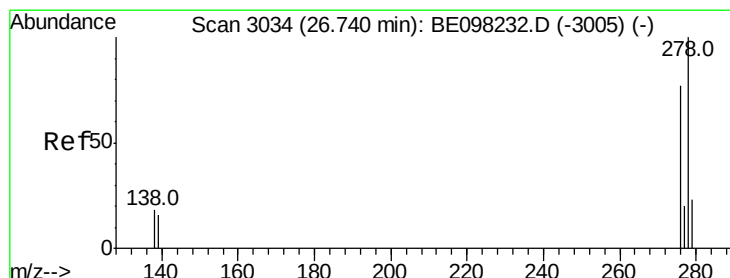
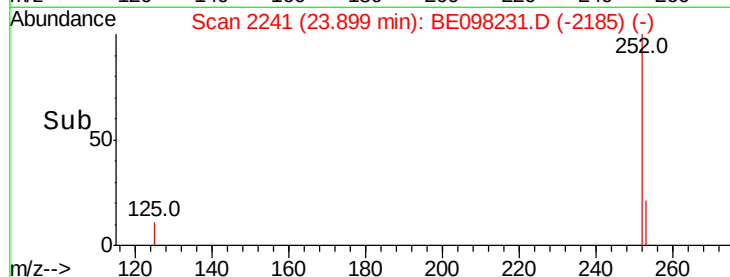
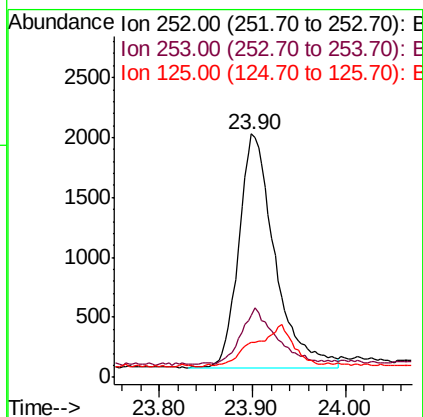
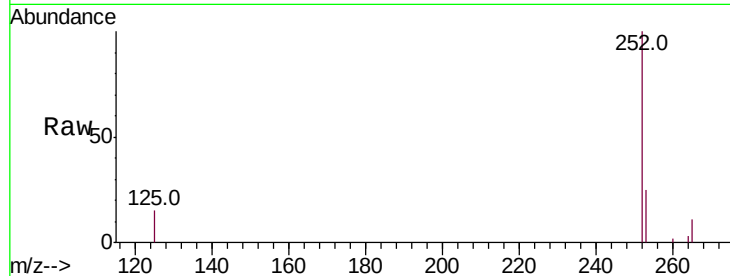




#37
Benzo(a)pyrene
Concen: 0.199 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098231.D
Acq: 16 Nov 2018 16:01

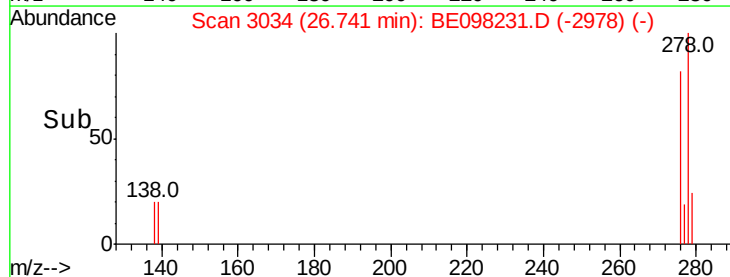
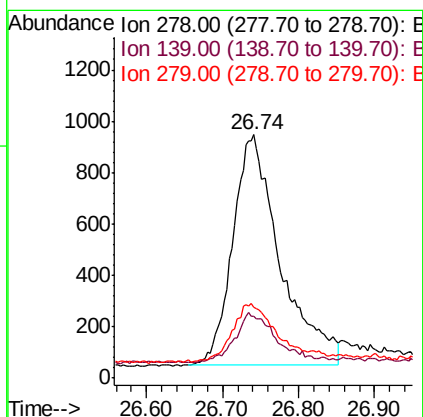
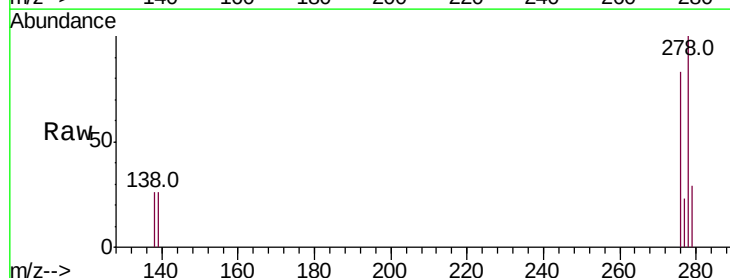
Instrument :
BNA_E
ClientSampleId :

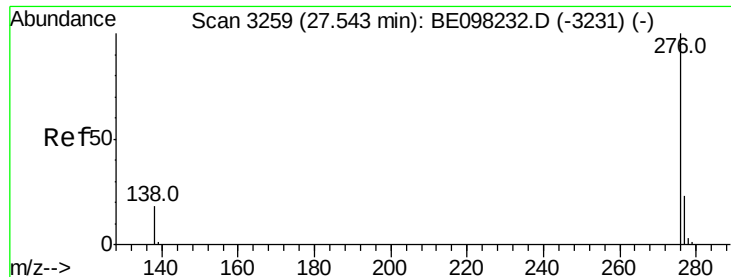
Tot Ion:252 Resp: 5250
Ion Ratio Lower Upper
252 100
253 25.2 18.6 27.8
125 14.6 8.0 12.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.173 ng
RT: 26.74 min Scan# 3034
Delta R.T. 0.00 min
Lab File: BE098231.D
Acq: 16 Nov 2018 16:01

Tgt Ion:278 Resp: 3901
Ion Ratio Lower Upper
278 100
139 25.6 16.4 24.6#
279 29.1 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.198 ng

RT: 27.54 min Scan# 3258

Delta R.T. -0.00 min

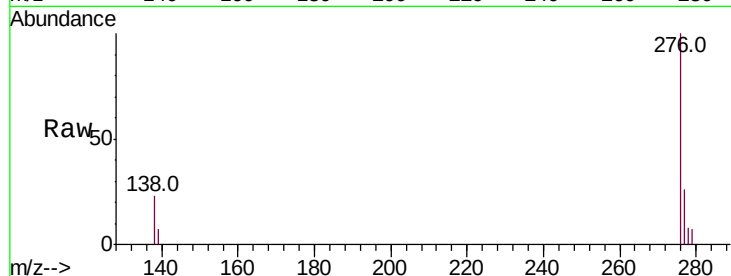
Lab File: BE098231.D

Acq: 16 Nov 2018 16:01

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 4659

Ion Ratio Lower Upper

276 100

277 25.9 20.4 30.6

138 23.2 13.2 19.8#

