

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098222.D
 Acq On : 13 Nov 2018 23:26
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 14 00:08:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1562	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7572	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5099	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	11700	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13765	0.40	ng	0.00
34) Perylene-d12	24.01	264	12966	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1685	0.38	ng	0.00
5) Phenol-d6	7.04	99	2932	0.41	ng	0.00
8) Nitrobenzene-d5	9.02	82	3038	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5207	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	771	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7948	0.37	ng	0.00
25) Fluoranthene-d10	19.31	212	54978	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	11375	0.36	ng	0.00

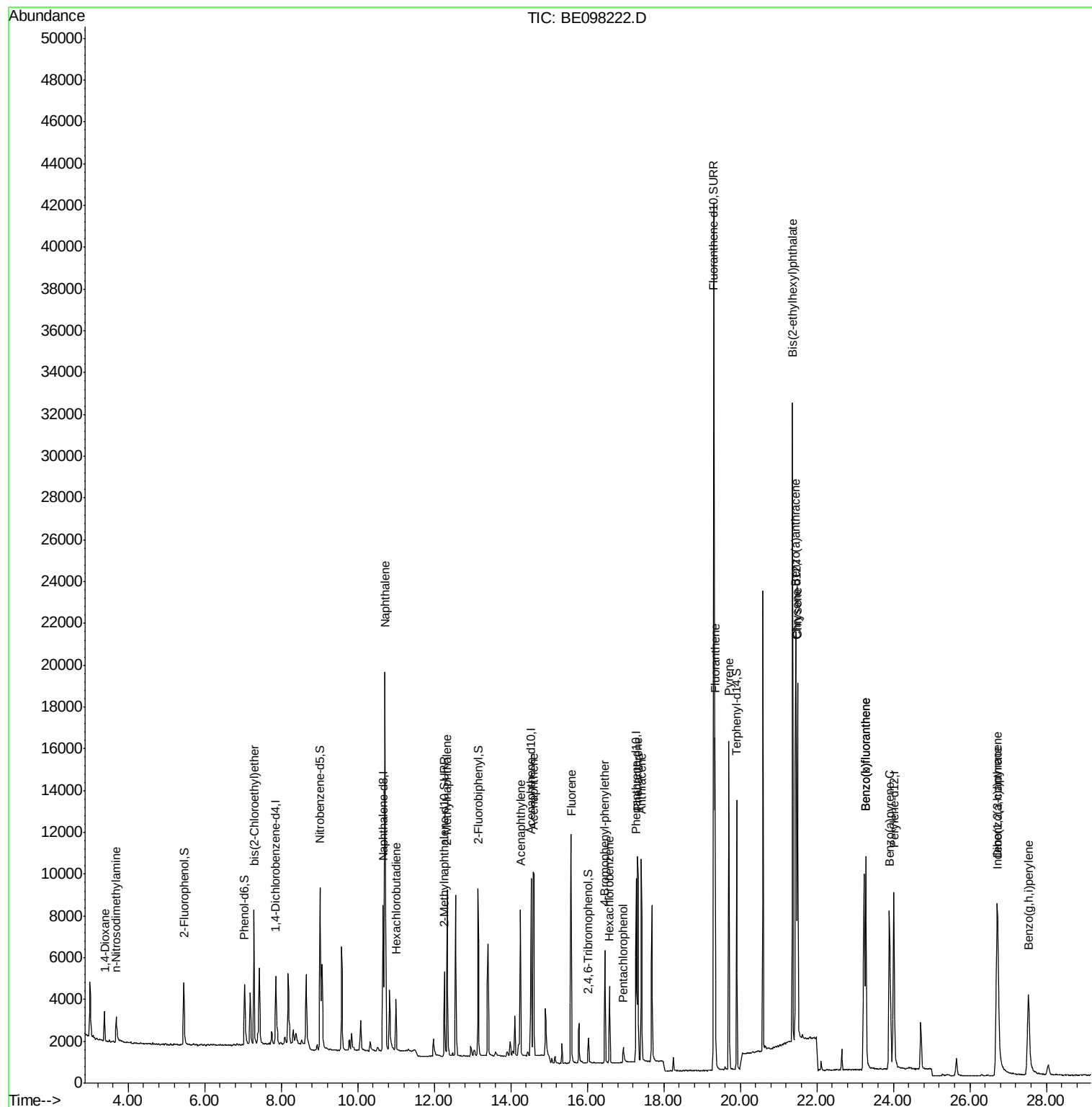
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	885	0.376	ng	94
3) n-Nitrosodimethylamine	3.69	42	1054	0.344	ng	90
6) bis(2-Chloroethyl)ether	7.29	93	2206	0.386	ng	96
9) Naphthalene	10.72	128	30422	0.395	ng	100
10) Hexachlorobutadiene	11.00	225	1814	0.379	ng	98
12) 2-Methylnaphthalene	12.34	142	5225	0.391	ng	96
16) Acenaphthylene	14.26	152	9019	0.386	ng	99
17) Acenaphthene	14.60	154	5533	0.388	ng	98
18) Fluorene	15.58	166	7105	0.389	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	2774	0.389	ng	96
21) Hexachlorobenzene	16.58	284	2801	0.378	ng	97
22) Pentachlorophenol	16.94	266	554	0.415	ng	93
23) Phenanthrene	17.31	178	11411	0.392	ng	99
24) Anthracene	17.41	178	10569	0.389	ng	99
26) Fluoranthene	19.34	202	13888	0.385	ng	99
28) Pyrene	19.70	202	14428	0.381	ng	99
30) Benzo(a)anthracene	21.45	228	15019	0.384	ng	99
31) Chrysene	21.50	228	14988	0.377	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	32490	0.400	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	14141	0.388	ng	# 89
35) Benzo(b)fluoranthene	23.28	252	15130	0.411	ng	97
36) Benzo(k)fluoranthene	23.28	252	15130	0.390	ng	98
37) Benzo(a)pyrene	23.90	252	13652	0.387	ng	99
38) Dibenzo(a,h)anthracene	26.73	278	11576	0.385	ng	96
39) Benzo(g,h,i)perylene	27.53	276	11447	0.365	ng	98

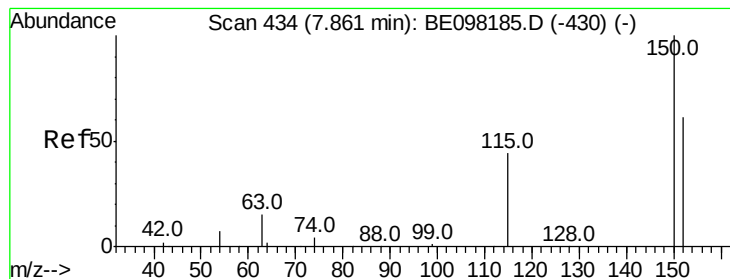
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098222.D
Acq On : 13 Nov 2018 23:26
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Nov 14 00:08:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



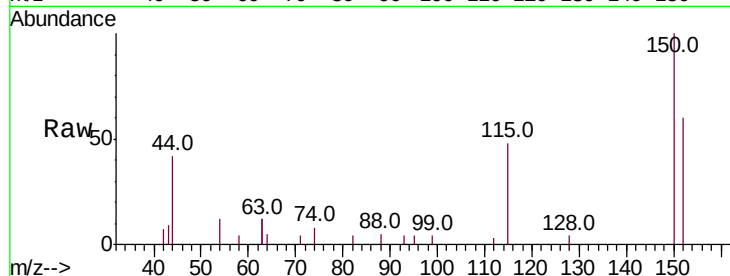


#1

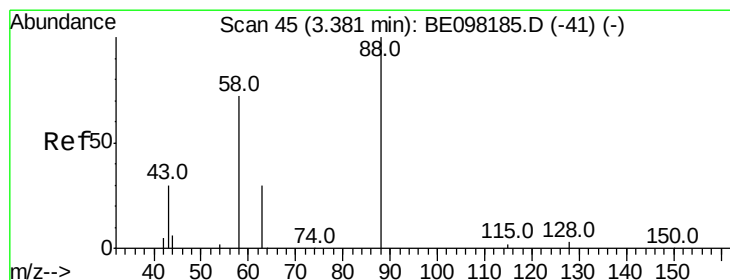
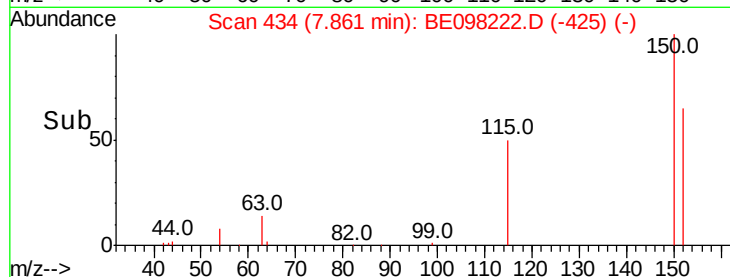
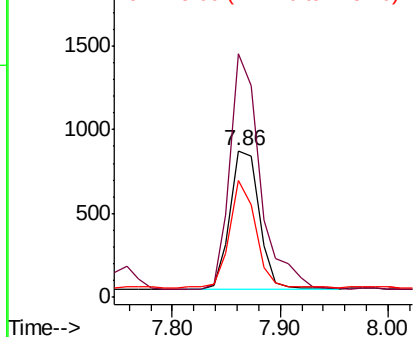
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1562
Ion Ratio Lower Upper
152 100
150 166.2 127.5 191.3
115 79.4 60.3 90.5



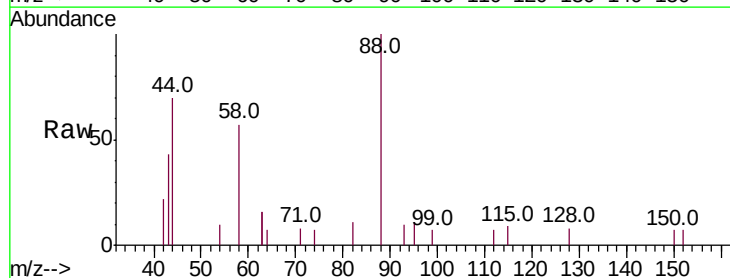
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



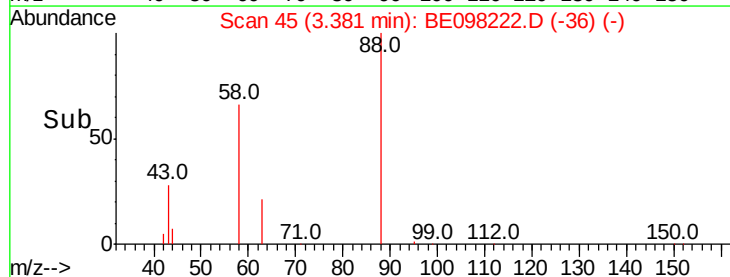
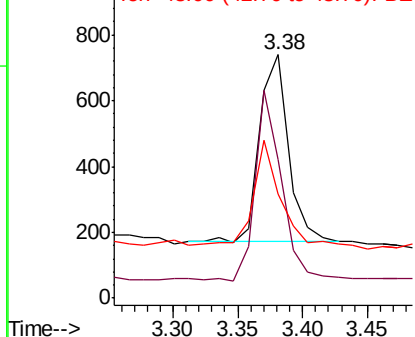
#2

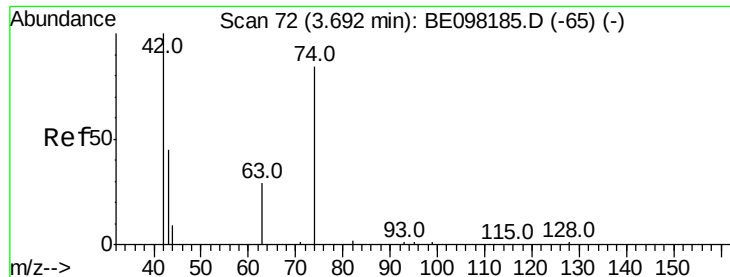
1,4-Dioxane
Concen: 0.376 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion: 88 Resp: 885
Ion Ratio Lower Upper
88 100
58 91.9 79.0 118.4
43 51.1 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



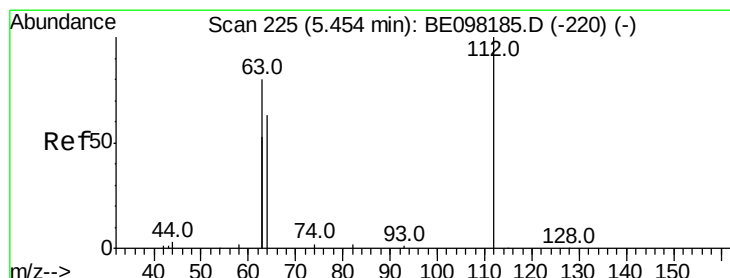
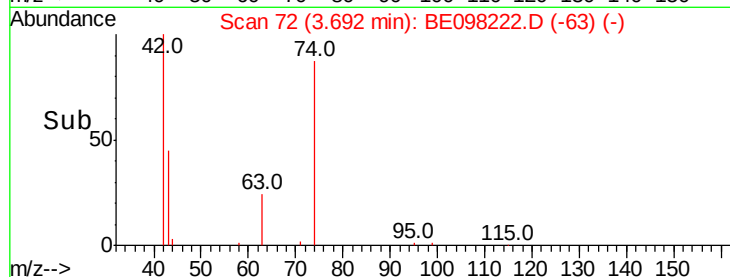
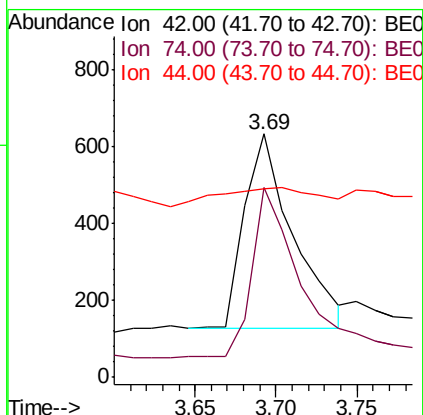
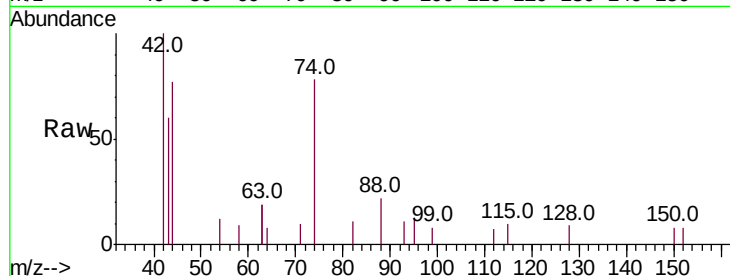


#3

n-Nitrosodimethylamine
 Concen: 0.344 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098222.D
 Acq: 13 Nov 2018 23:26

Instrument :
 BNA_E
 ClientSampleId :

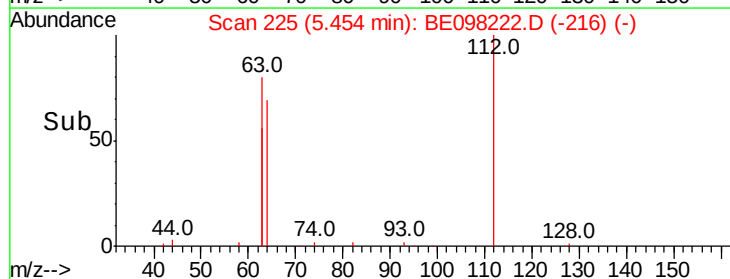
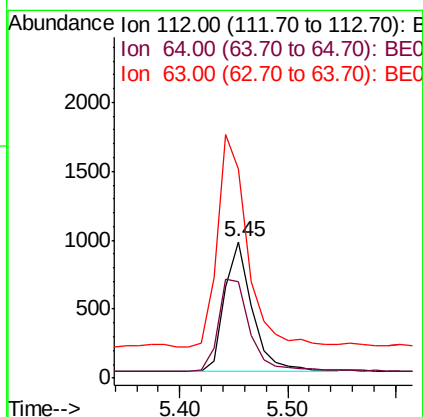
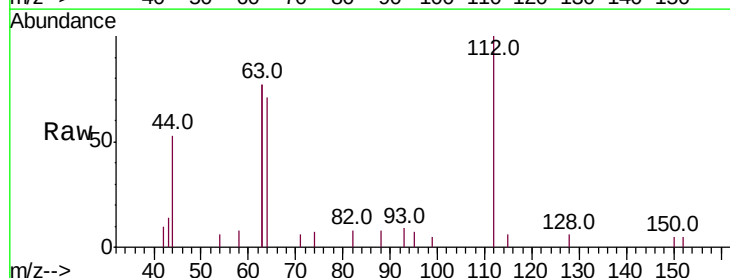
Tot Ion	Ratio	Lower	Upper
42	100		
74	86.7	61.7	92.5
44	19.8	14.0	21.0

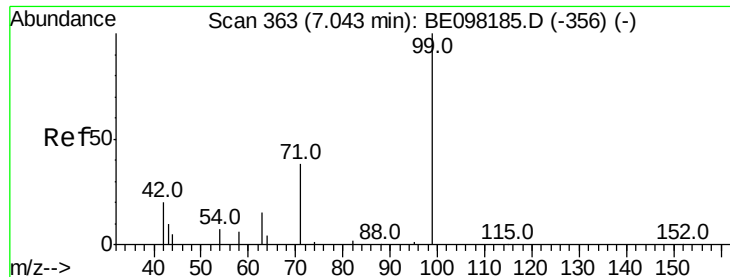


#4

2-Fluorophenol
 Concen: 0.382 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098222.D
 Acq: 13 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.0	61.7	92.5
63	177.4	136.2	204.2





#5

Phenol-d6

Concen: 0.414 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

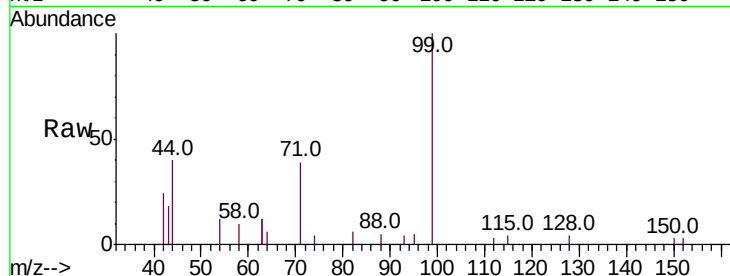
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 2932

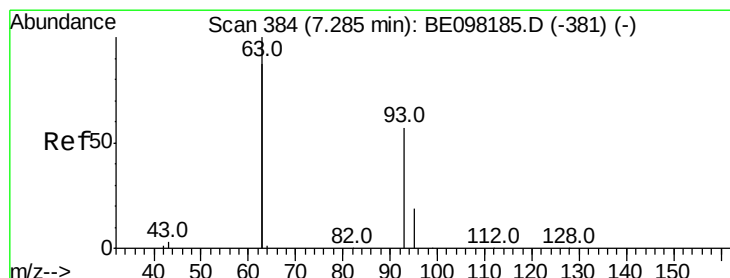
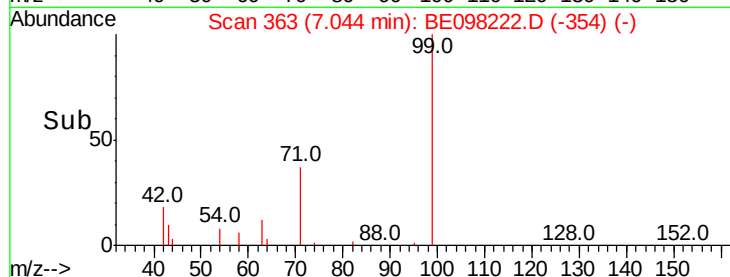
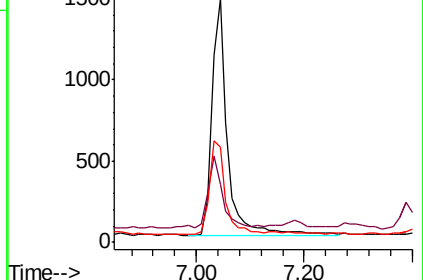
Ion	Ratio	Lower	Upper
99	100		
42	27.1	27.1	40.7#
71	41.1	37.0	55.6



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: 0.386 ng

RT: 7.29 min Scan# 384

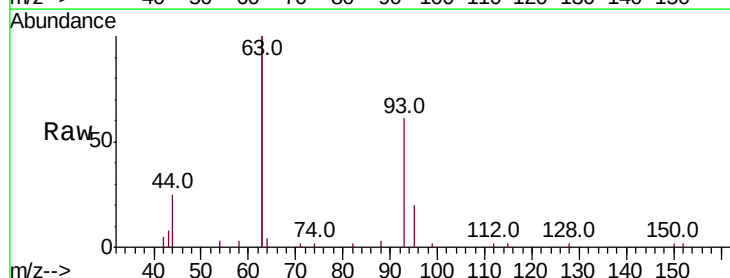
Delta R.T. 0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Tgt Ion: 93 Resp: 2206

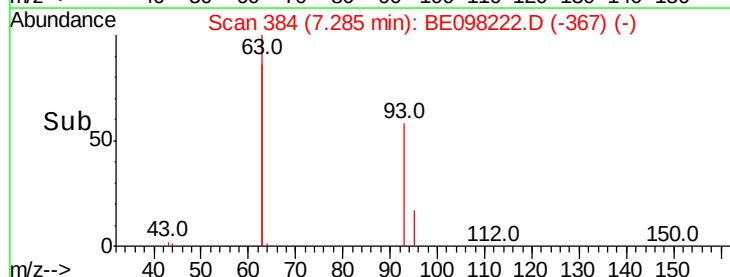
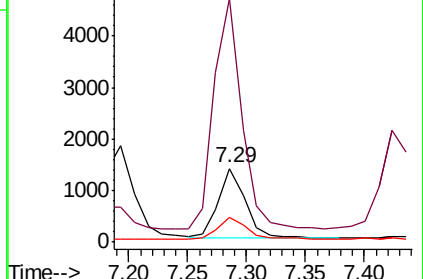
Ion	Ratio	Lower	Upper
93	100		
63	332.4	272.6	409.0
95	31.2	27.1	40.7

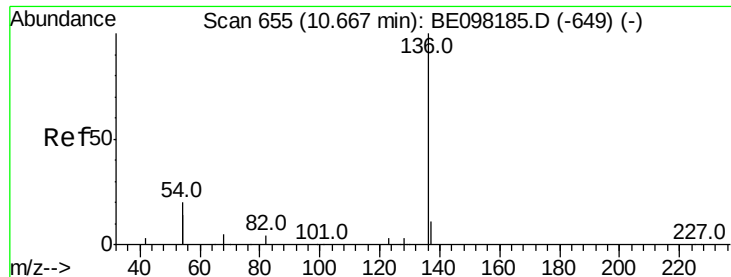


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7572

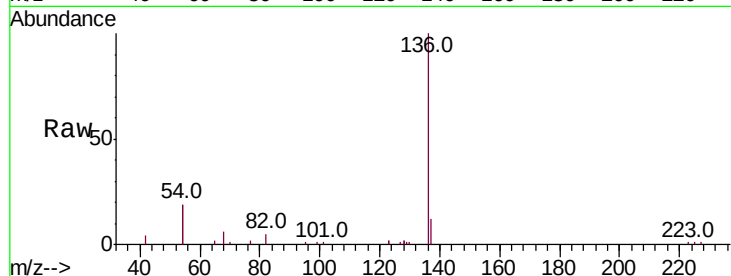
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 37.8 31.3 46.9

68 6.5 4.8 7.2

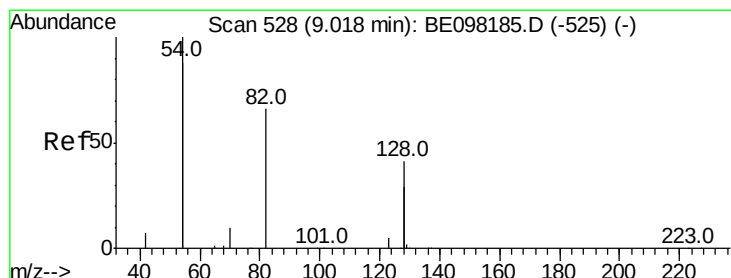
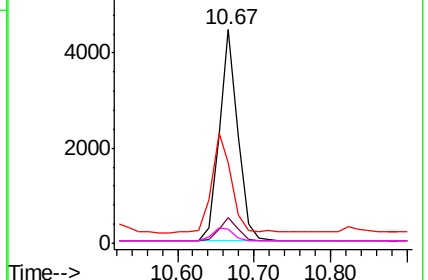
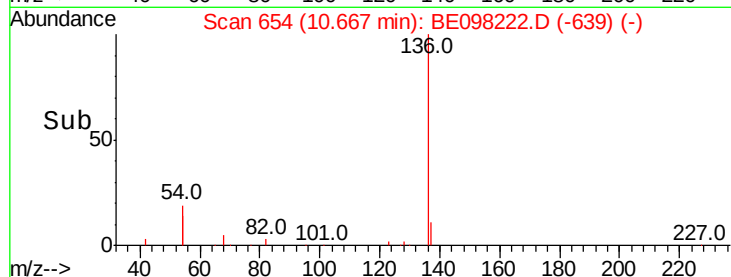


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

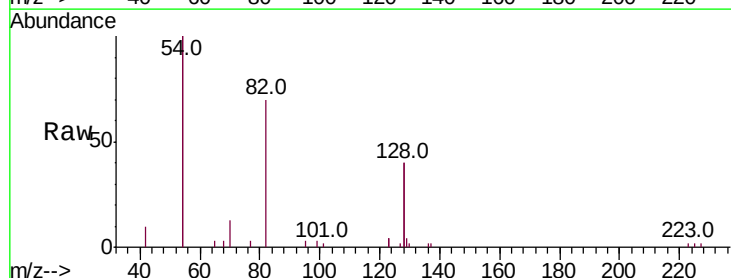
Tgt Ion: 82 Resp: 3038

Ion Ratio Lower Upper

82 100

128 115.3 96.1 144.1

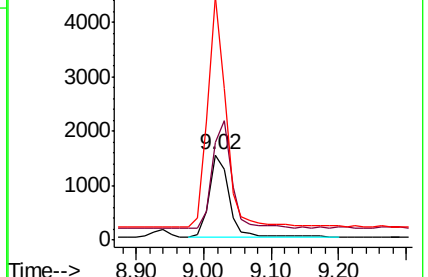
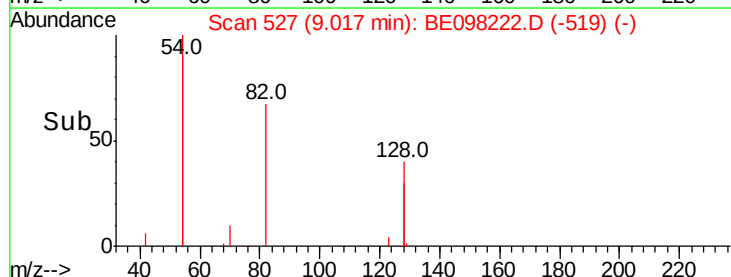
54 285.6 232.0 348.0

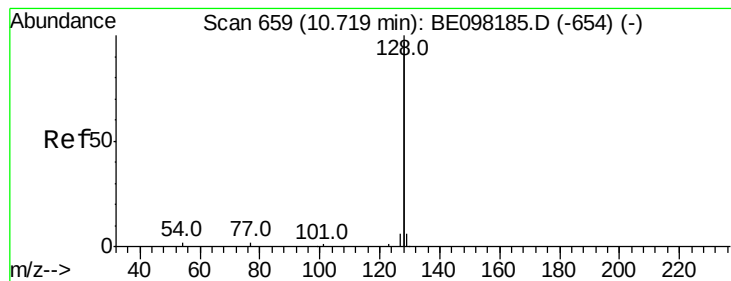


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.395 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

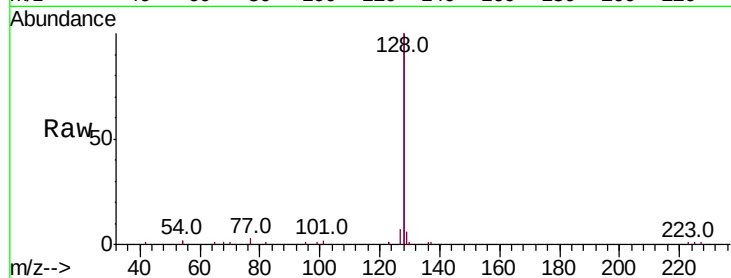
Tot Ion:128 Resp: 30422

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

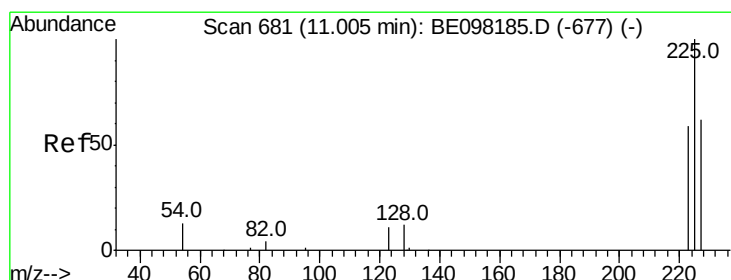
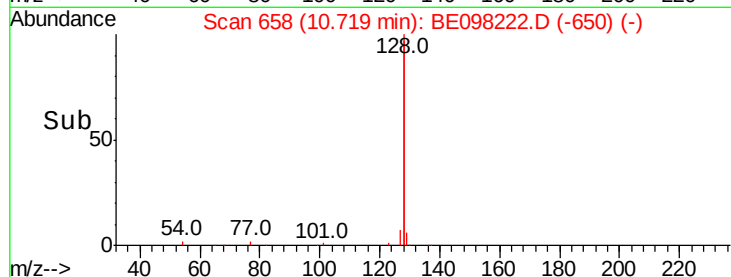
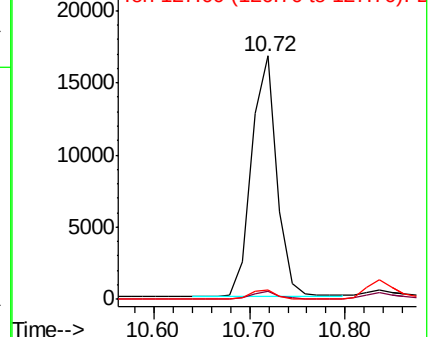
127 3.6 2.8 4.2



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: 0.379 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

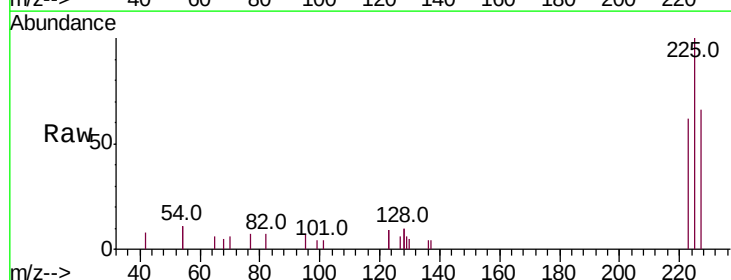
Tgt Ion:225 Resp: 1814

Ion Ratio Lower Upper

225 100

223 60.7 50.5 75.7

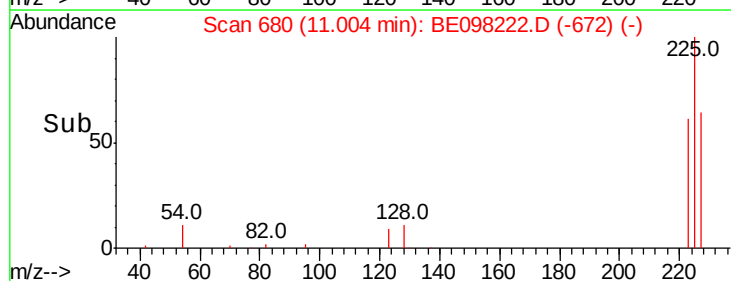
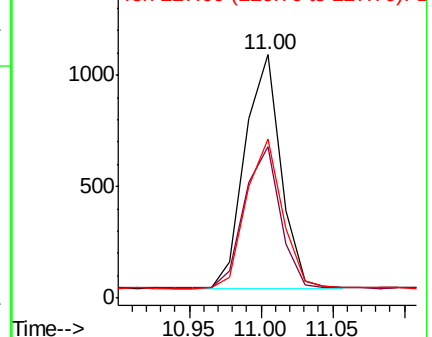
227 64.4 50.3 75.5

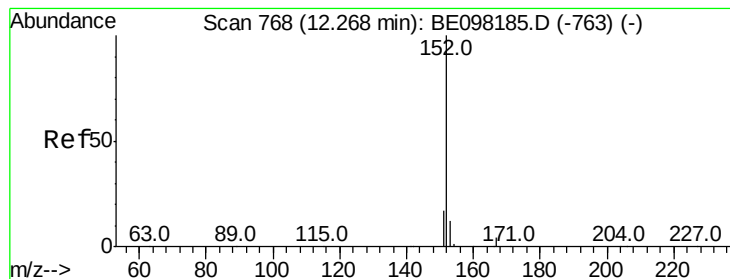


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

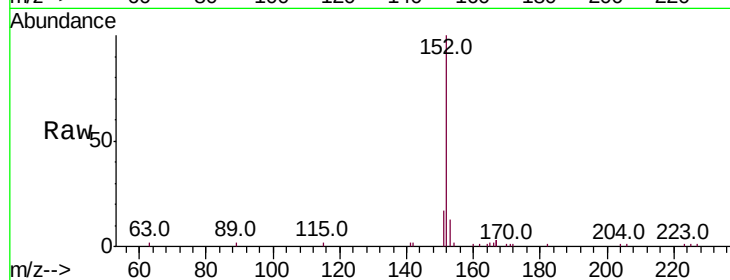
ClientSampleId :

Tot Ion:152 Resp: 5207

Ion Ratio Lower Upper

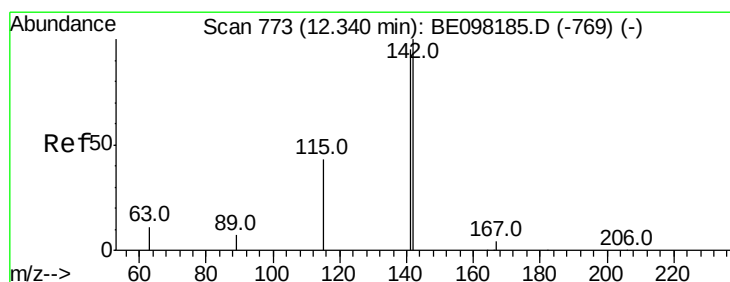
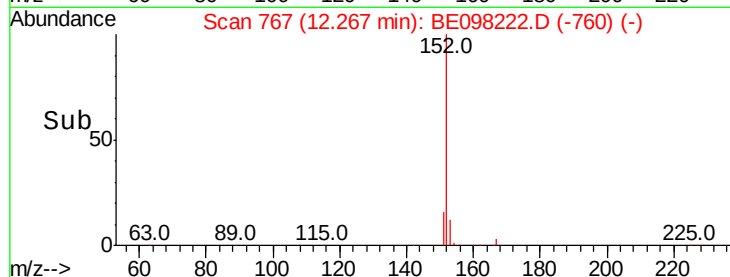
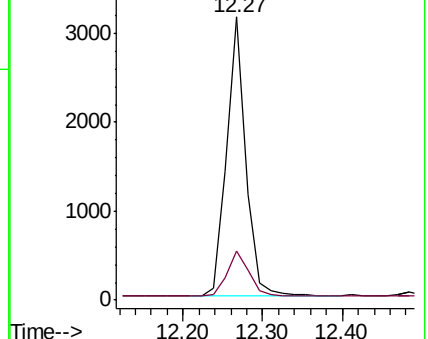
152 100

151 18.3 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: 0.391 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

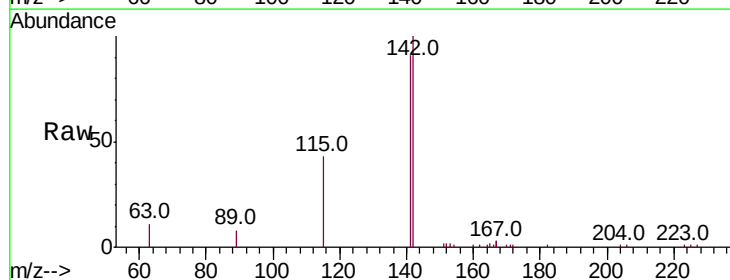
Tgt Ion:142 Resp: 5225

Ion Ratio Lower Upper

142 100

141 91.5 76.3 114.5

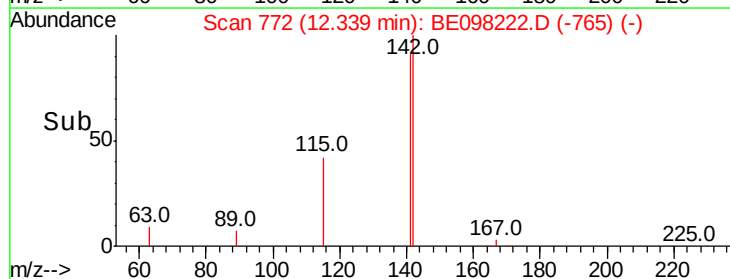
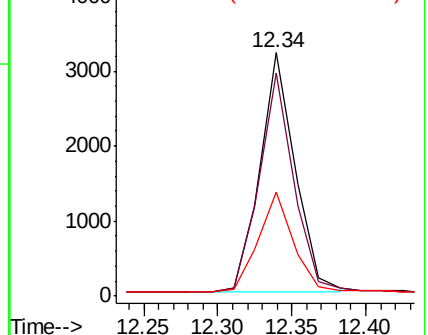
115 42.9 35.8 53.8

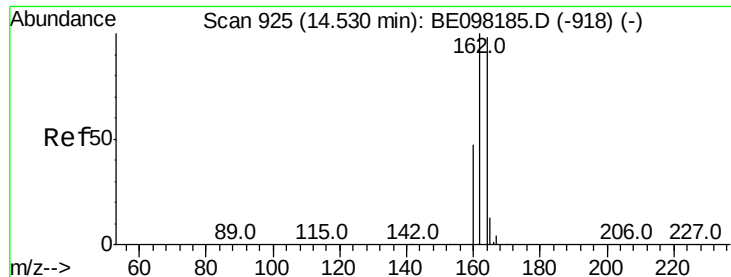


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

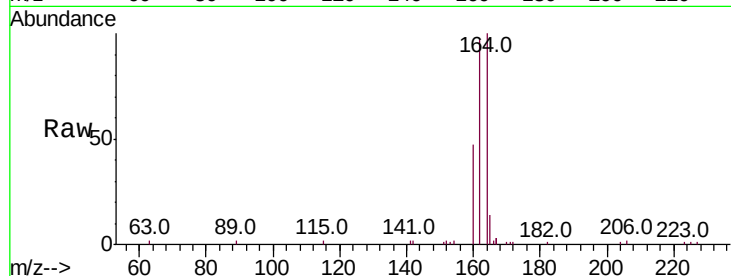




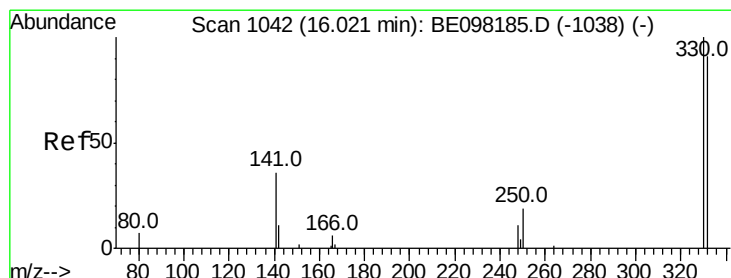
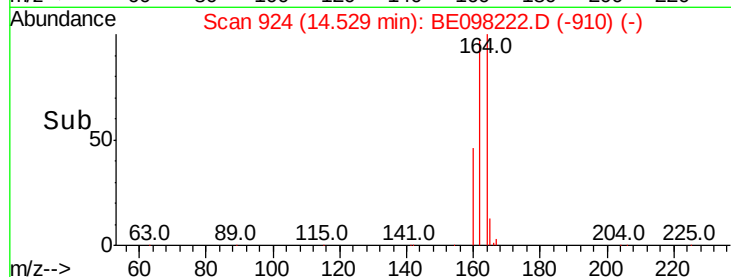
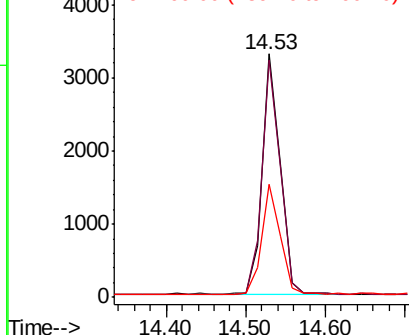
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 5099
Ion Ratio Lower Upper
164 100
162 97.5 81.8 122.6
160 46.5 39.4 59.0

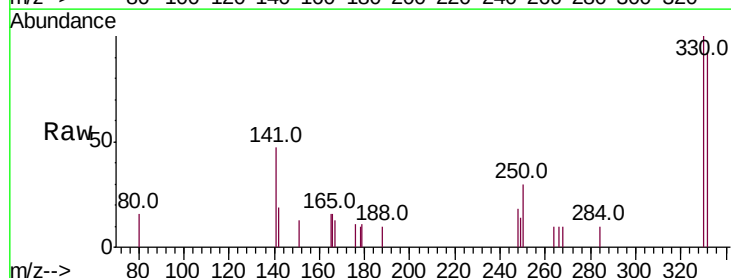


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

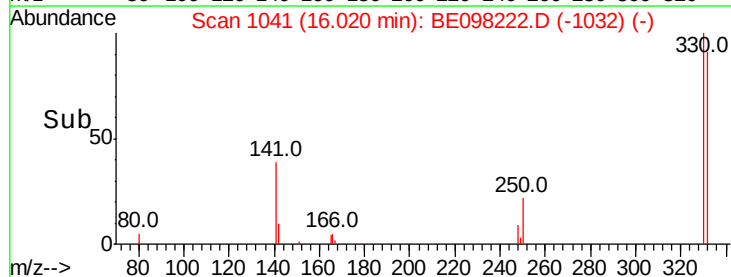
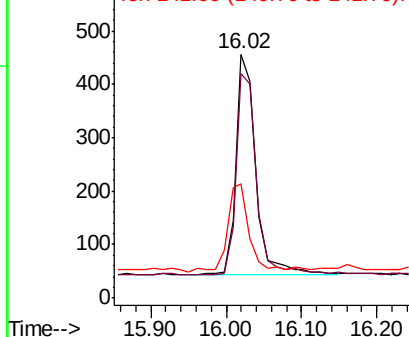


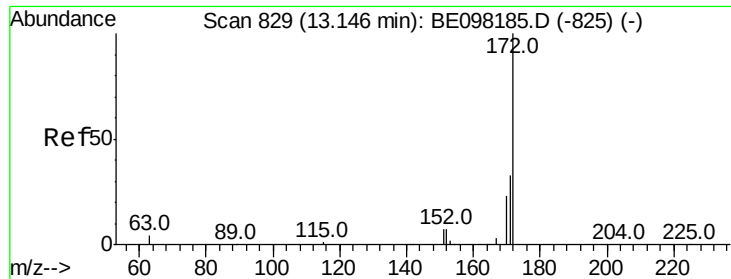
#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:330 Resp: 771
Ion Ratio Lower Upper
330 100
332 94.3 77.7 116.5
141 42.9 33.6 50.4



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

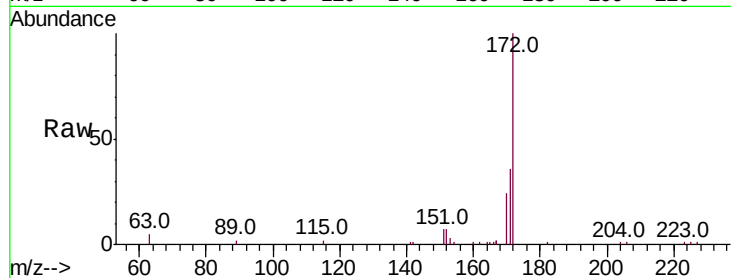




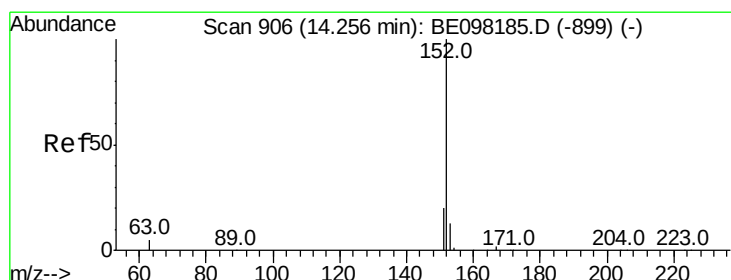
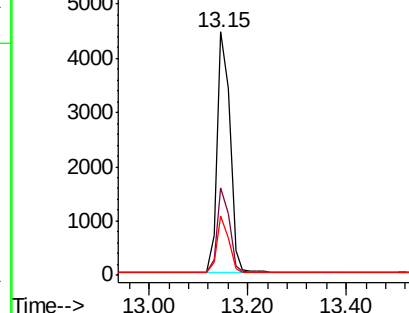
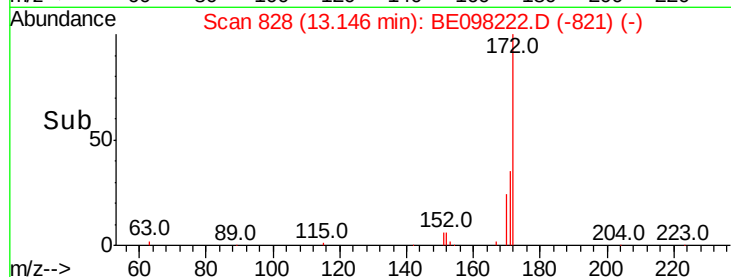
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 7948
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.4 19.4 29.0

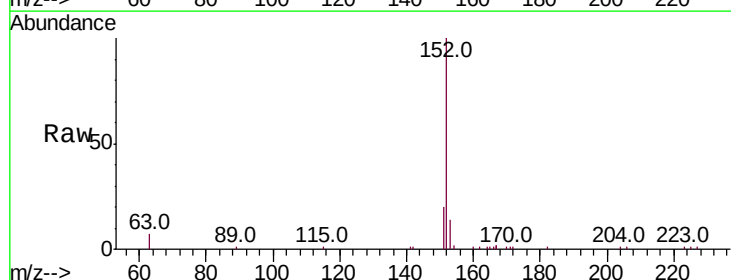


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

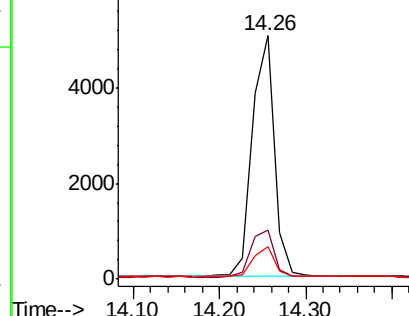
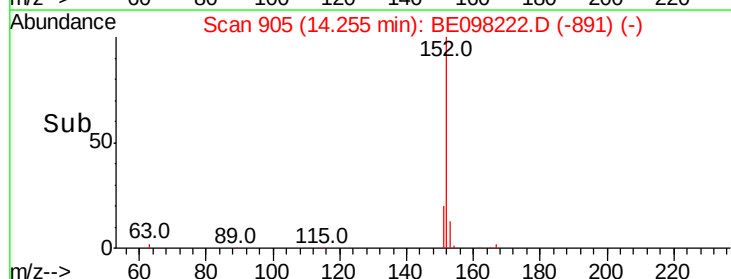


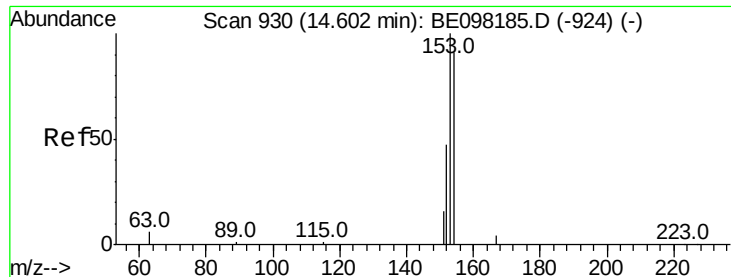
#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:152 Resp: 9019
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.7 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

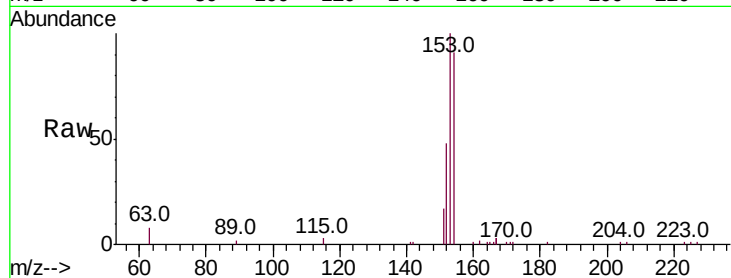




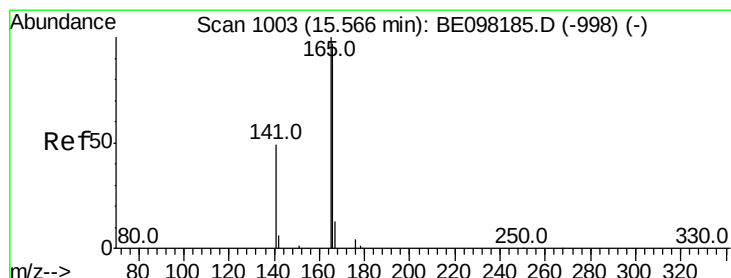
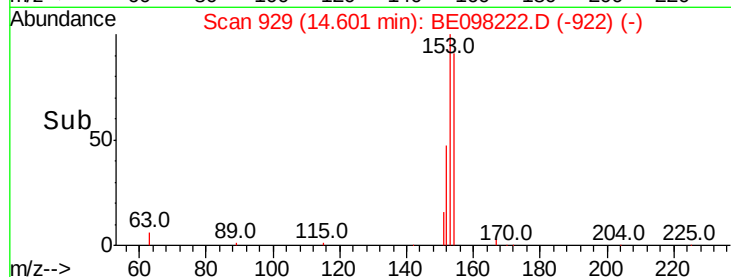
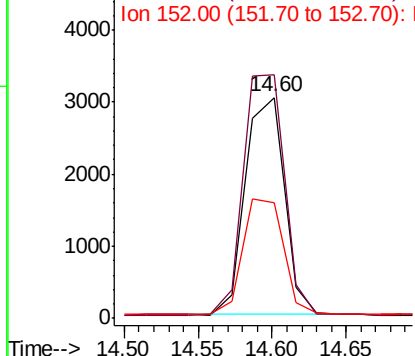
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 5533
Ion Ratio Lower Upper
154 100
153 116.2 92.1 138.1
152 55.1 46.2 69.2

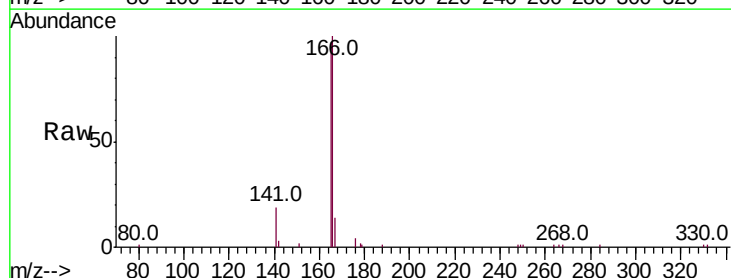


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

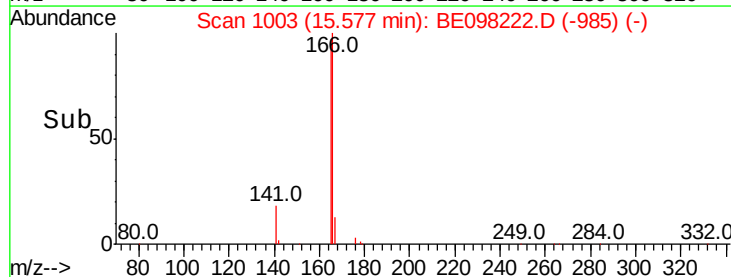
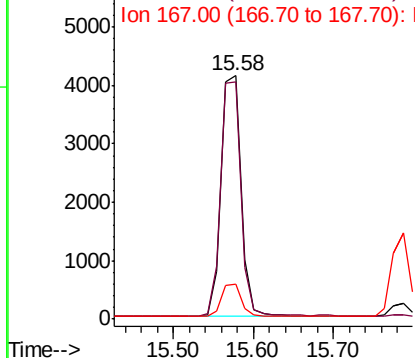


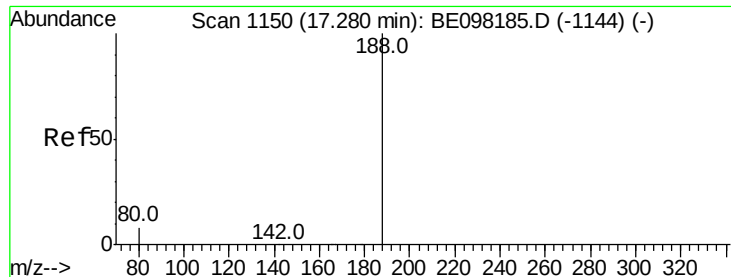
#18
Fluorene
Concen: 0.389 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:166 Resp: 7105
Ion Ratio Lower Upper
166 100
165 98.0 80.1 120.1
167 13.1 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampled :

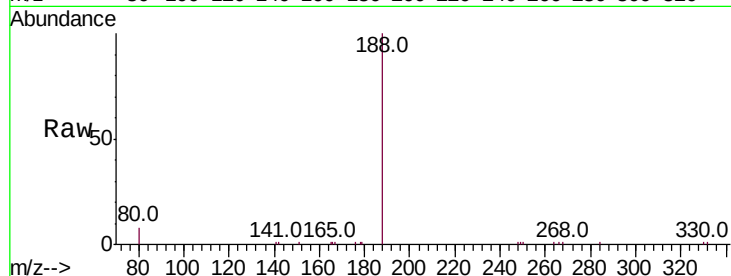
Tot Ion:188 Resp: 11700

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.7 10.1



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

10000

8000

6000

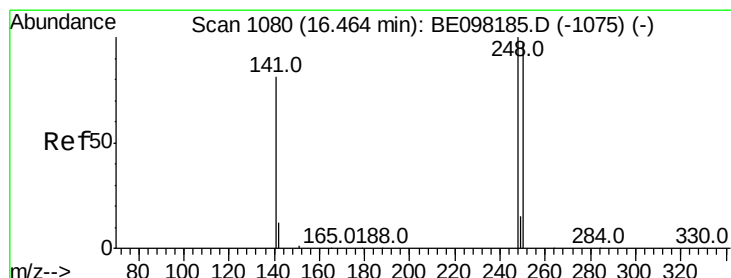
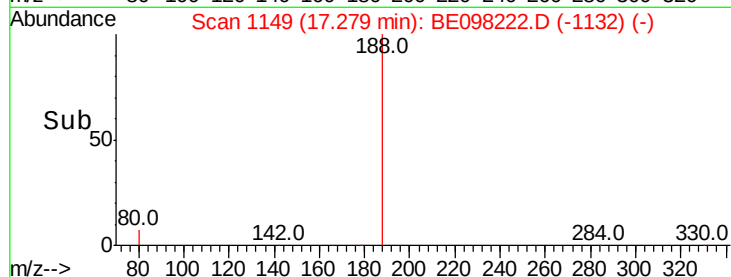
4000

2000

0

17.28

Time--> 17.10 17.20 17.30 17.40



#20

4-Bromophenyl-phenylether

Concen: 0.389 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

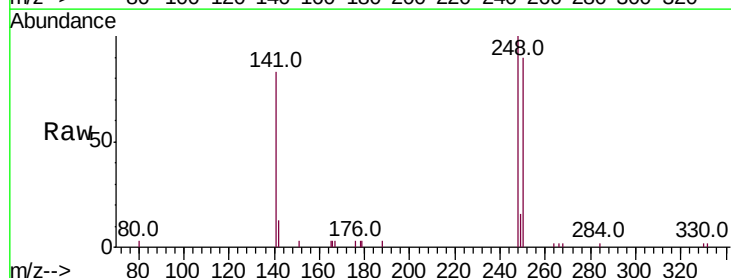
Tgt Ion:248 Resp: 2774

Ion Ratio Lower Upper

248 100

250 90.2 77.6 116.4

141 82.8 65.8 98.8



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

2500

2000

1500

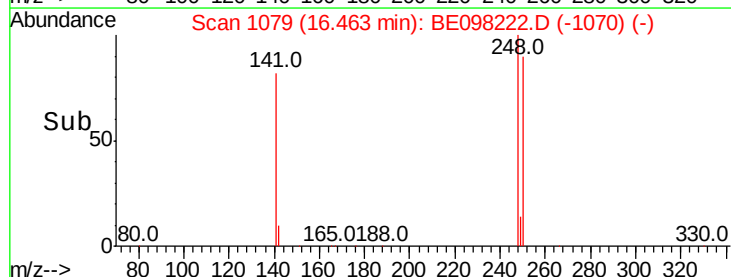
1000

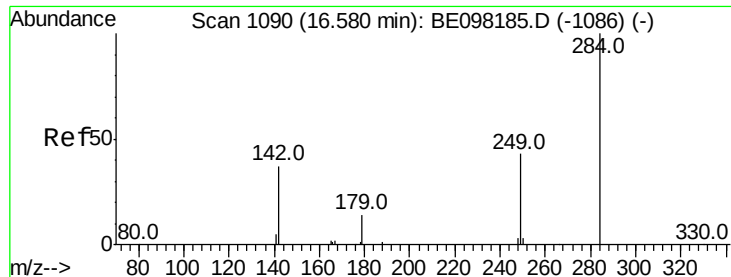
500

0

16.46

Time--> 16.40 16.45 16.50 16.55





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

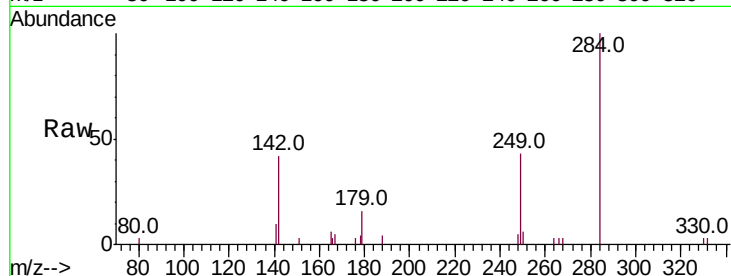
Tot Ion:284 Resp: 2801

Ion Ratio Lower Upper

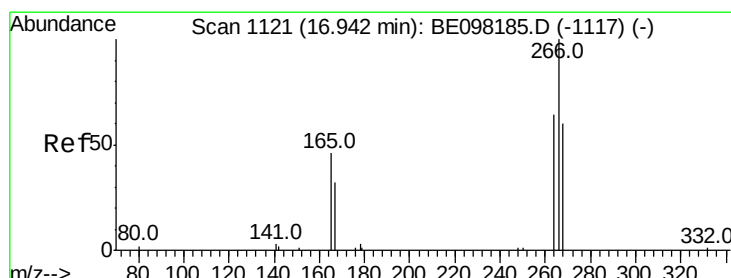
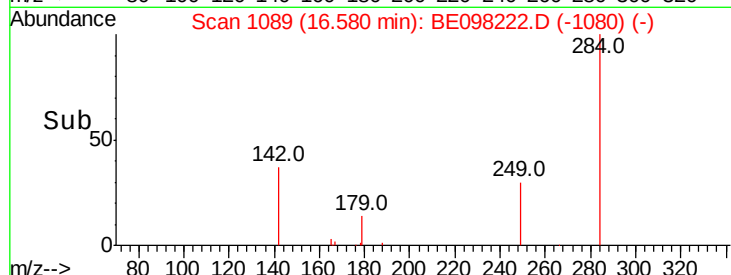
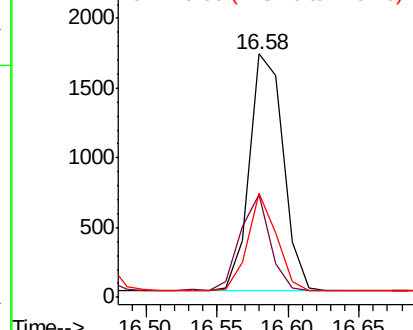
284 100

142 35.7 26.5 39.7

249 35.0 28.4 42.6



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: 0.415 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

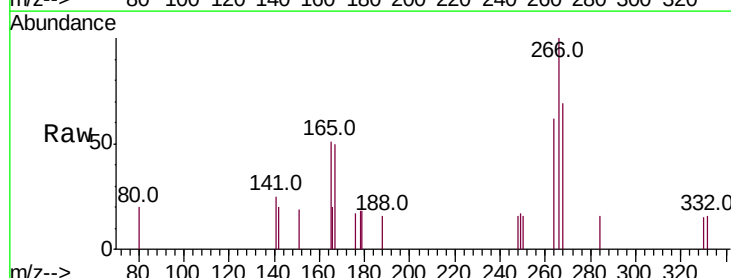
Tgt Ion:266 Resp: 554

Ion Ratio Lower Upper

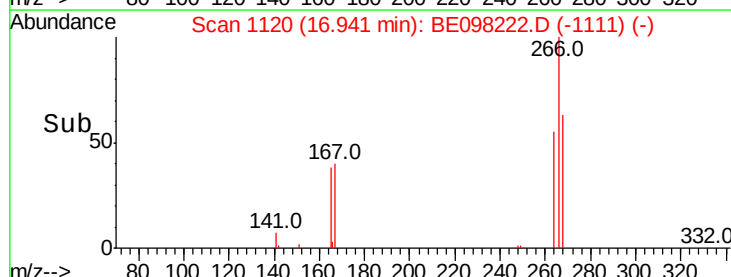
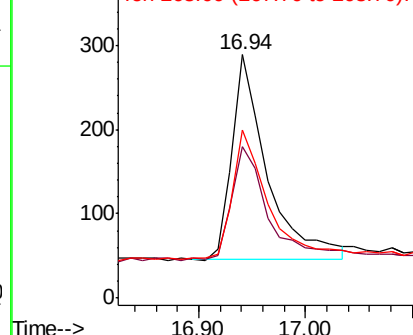
266 100

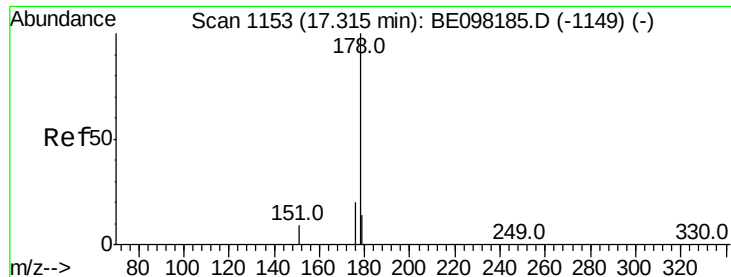
264 62.3 57.6 86.4

268 69.2 56.8 85.2



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.392 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

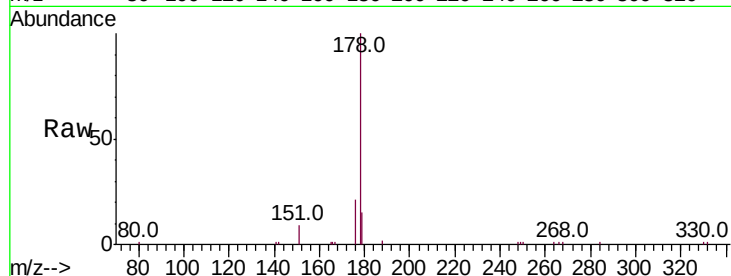
Tot Ion:178 Resp: 11411

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

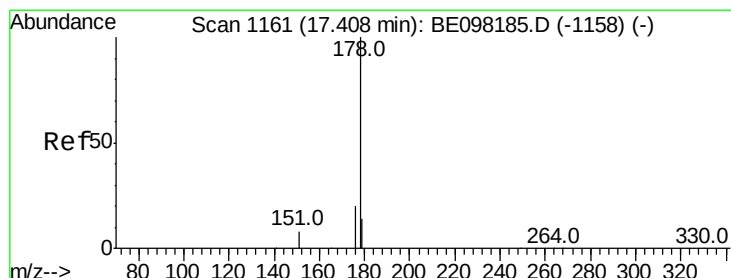
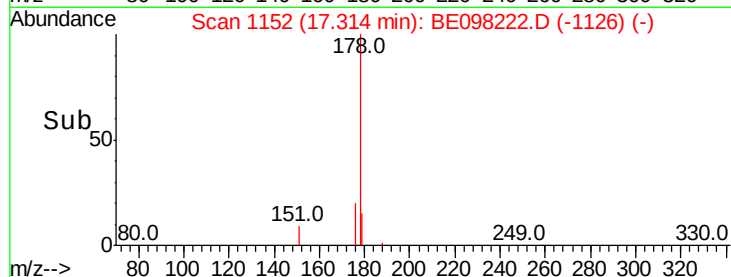
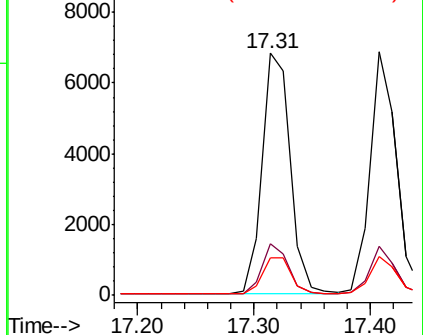
179 15.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.389 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

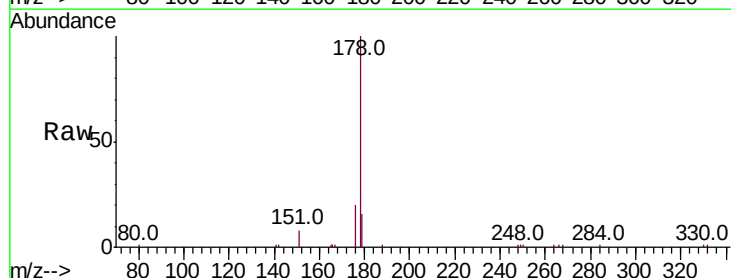
Tgt Ion:178 Resp: 10569

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

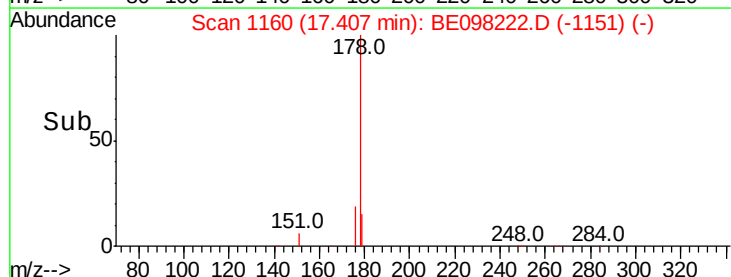
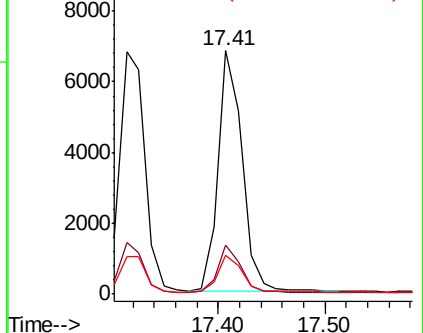
179 15.3 12.1 18.1

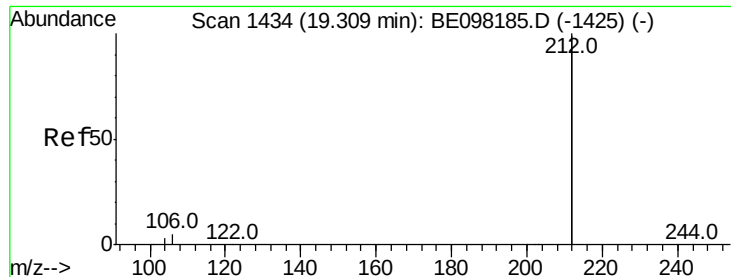


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

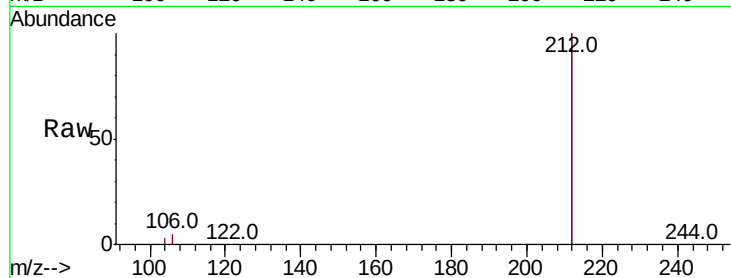
Tot Ion:212 Resp: 54978

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

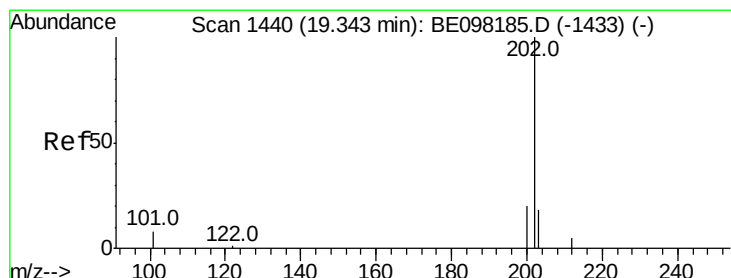
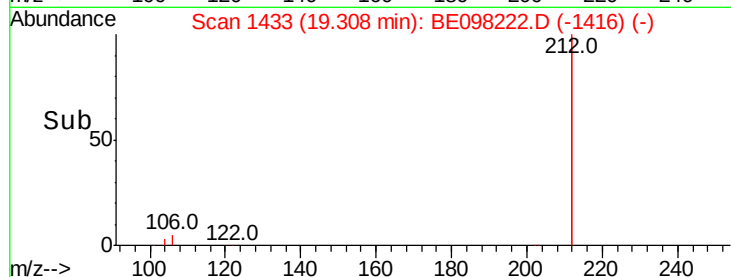
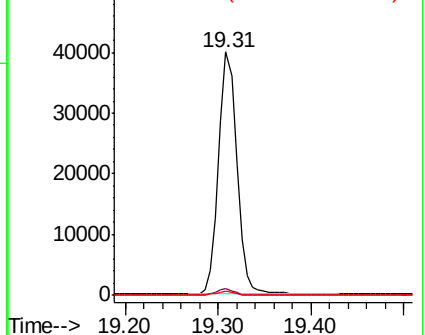
104 1.4 1.1 1.7



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: 0.385 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

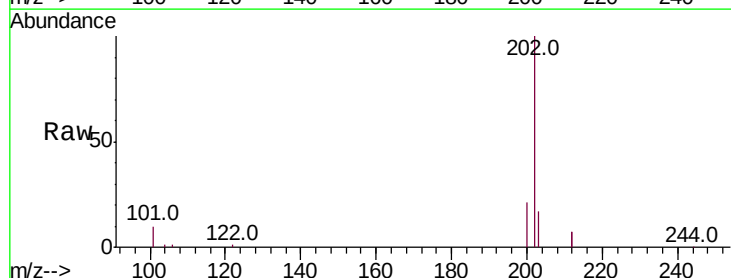
Tgt Ion:202 Resp: 13888

Ion Ratio Lower Upper

202 100

101 9.4 7.0 10.6

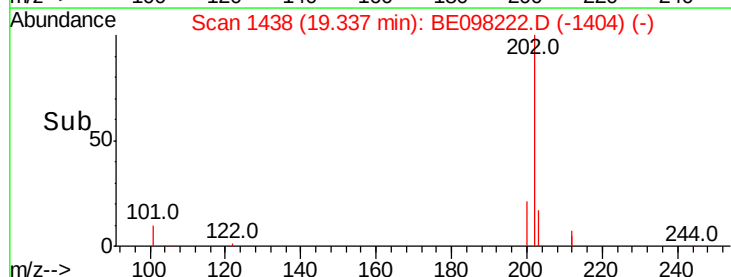
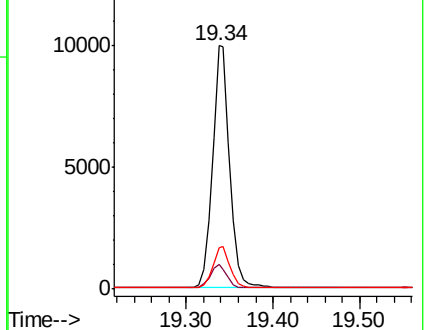
203 16.8 13.7 20.5

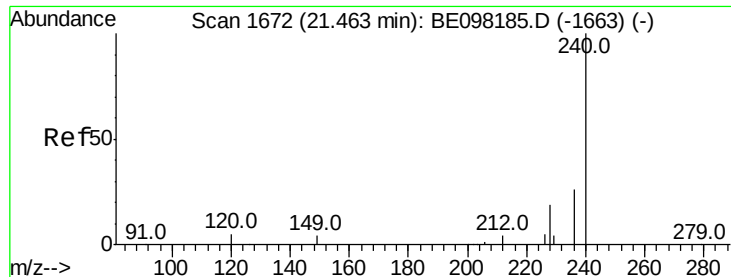


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

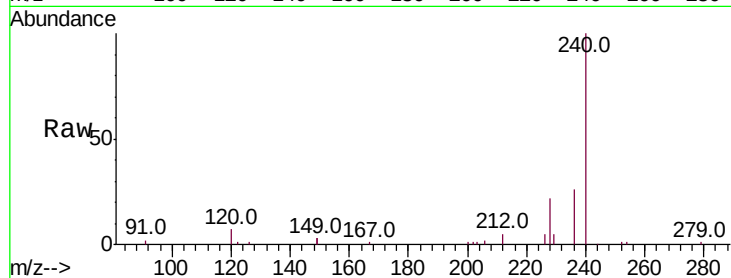
Tot Ion:240 Resp: 13765

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

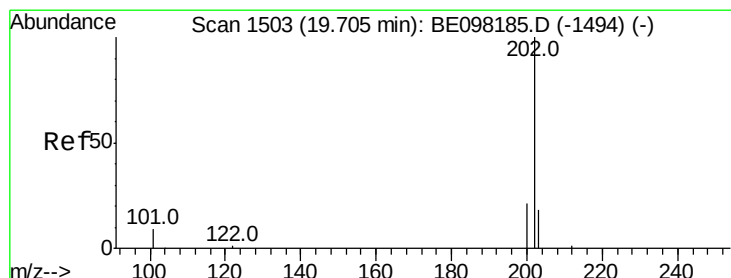
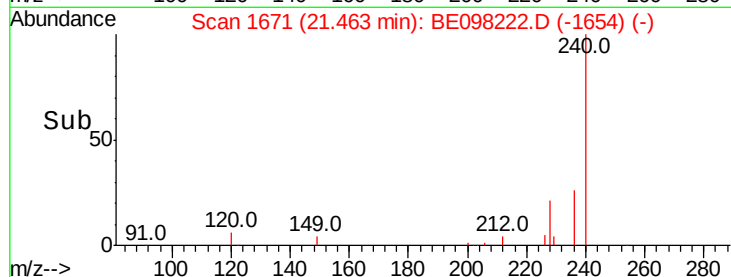
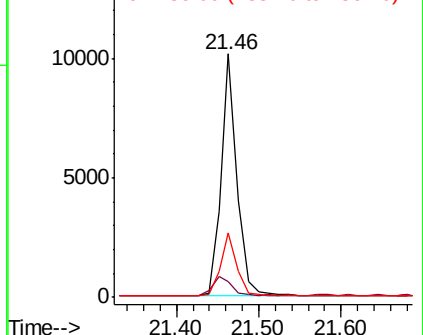
236 26.3 21.4 32.0



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: 0.381 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

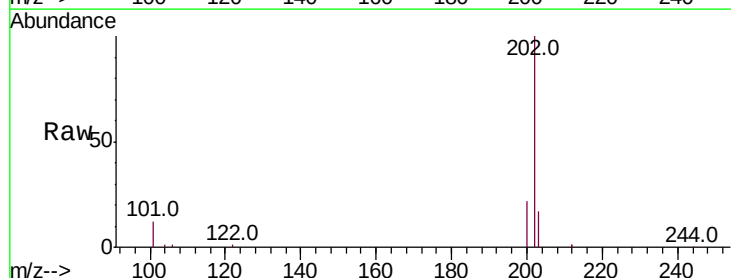
Tgt Ion:202 Resp: 14428

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

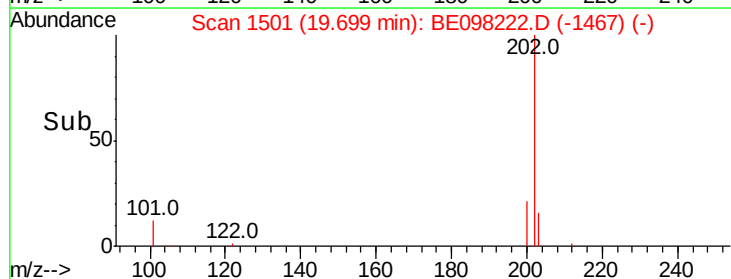
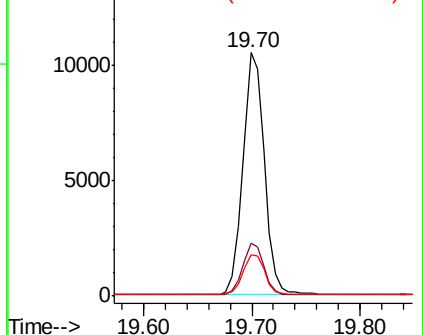
203 17.3 14.2 21.4

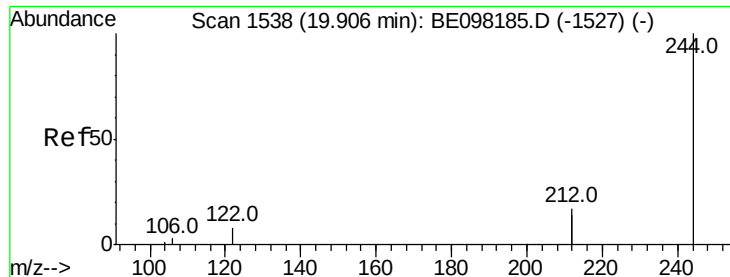


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.364 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

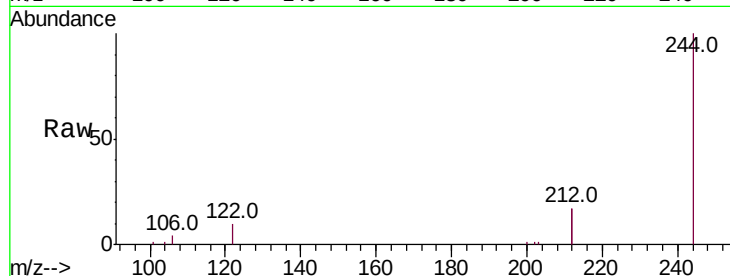
Tot Ion:244 Resp: 11375

Ion Ratio Lower Upper

244 100

212 33.7 26.8 40.2

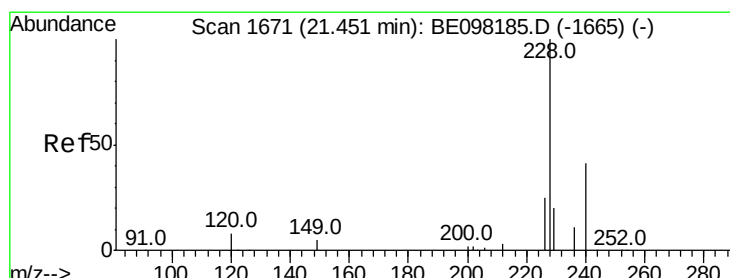
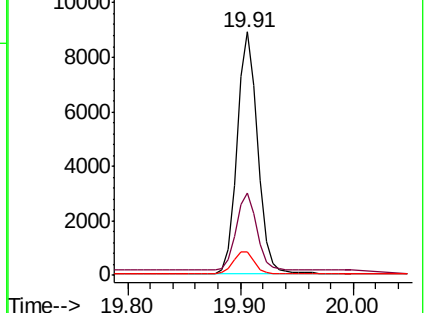
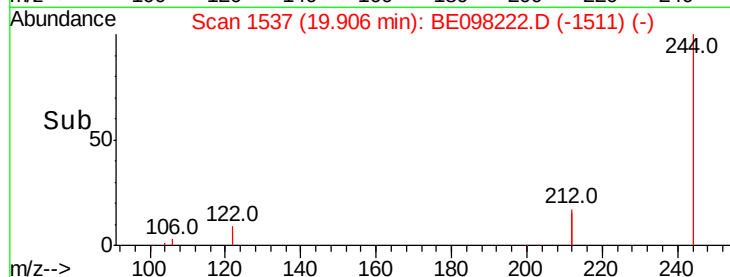
122 9.5 7.0 10.6



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: 0.384 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

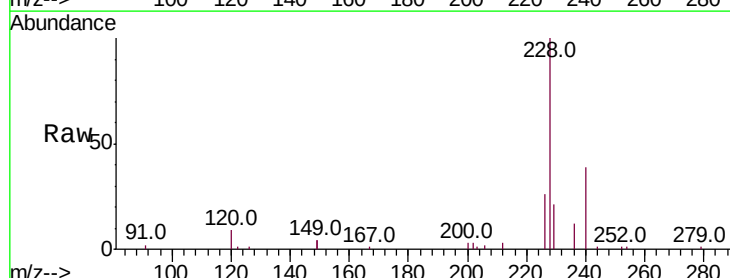
Tgt Ion:228 Resp: 15019

Ion Ratio Lower Upper

228 100

226 26.0 20.7 31.1

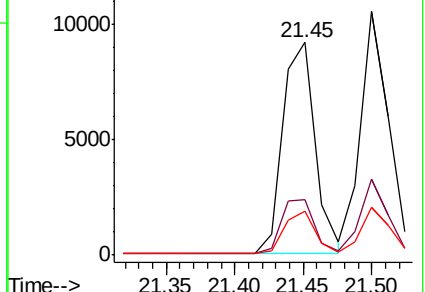
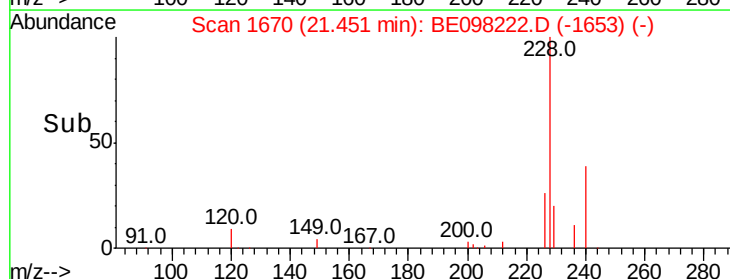
229 20.8 16.2 24.4

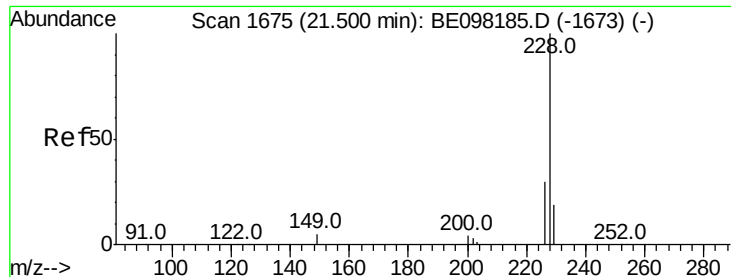


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

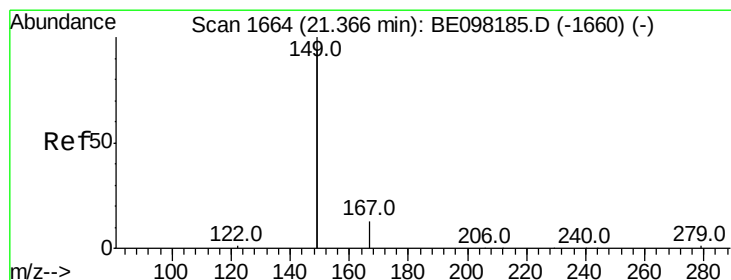
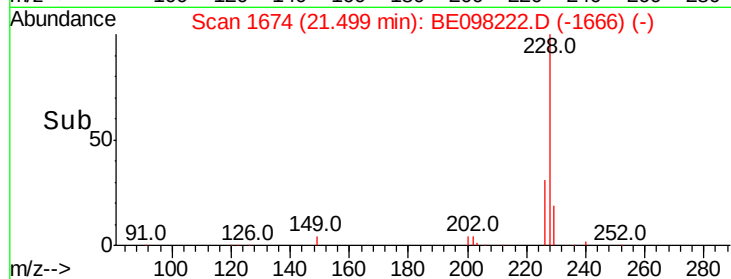
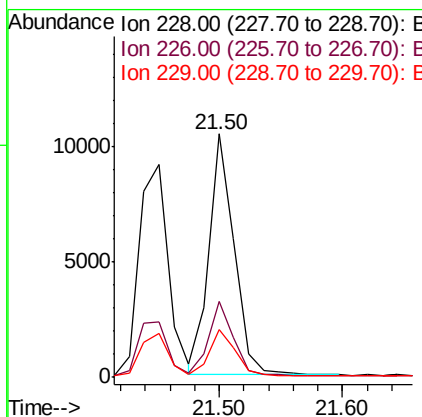
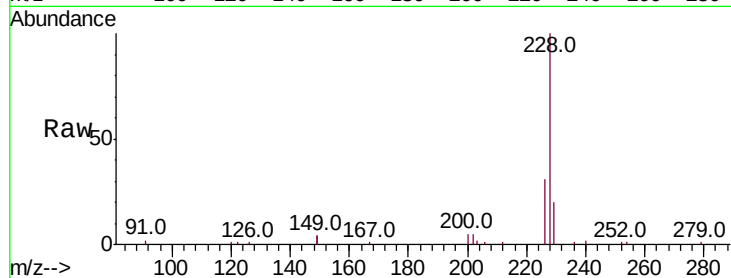




#31
 Chrysene
 Concen: 0.377 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BE098222.D
 Acq: 13 Nov 2018 23:26

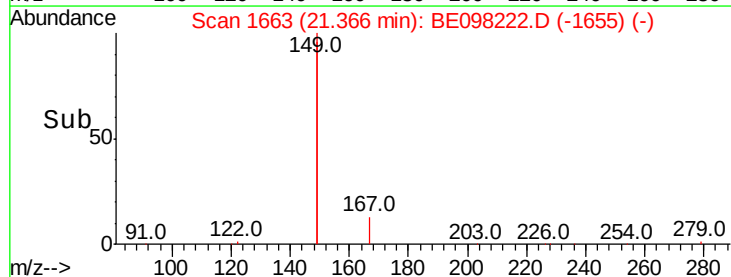
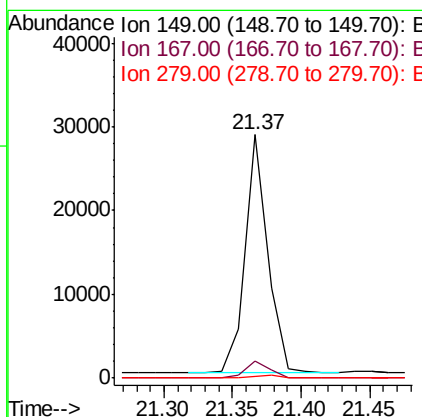
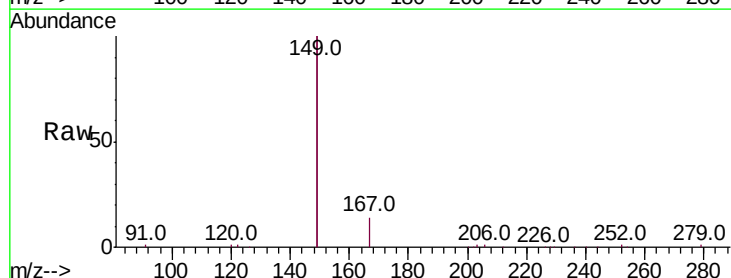
Instrument :
 BNA_E
 ClientSampleId :

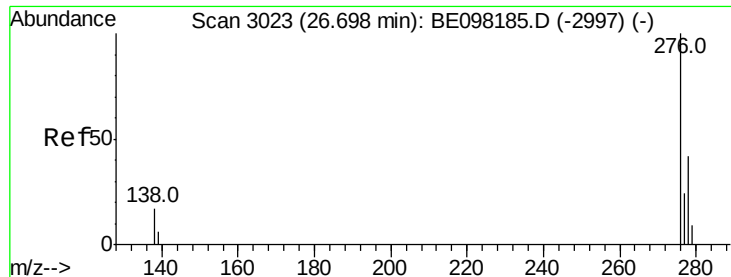
Tot Ion:228 Resp: 14988
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 36.8
 229 19.8 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098222.D
 Acq: 13 Nov 2018 23:26

Tgt Ion:149 Resp: 32490
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.6 8.4
 279 1.2 0.9 1.3

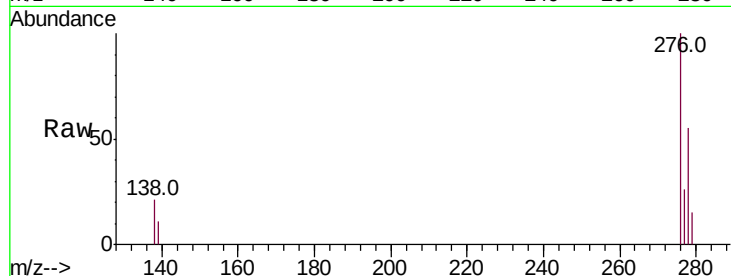




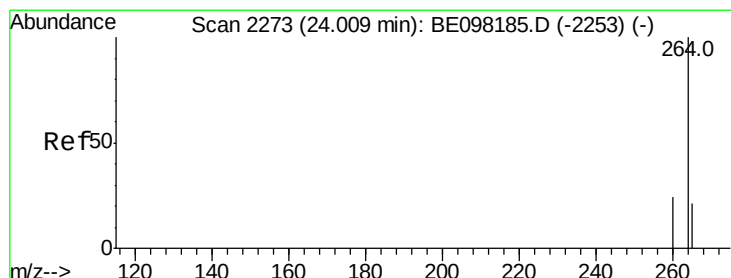
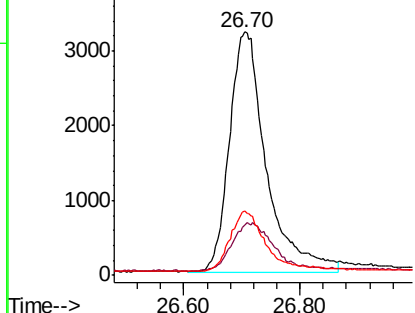
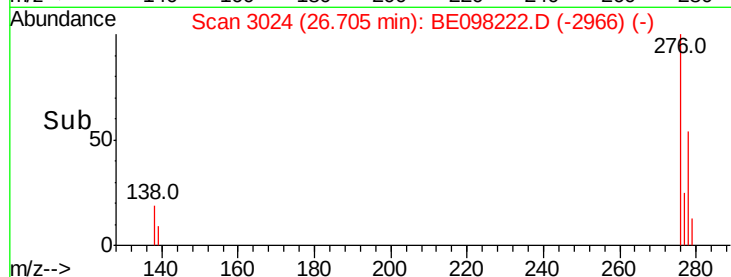
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.388 ng
 RT: 26.70 min Scan# 3024
 Delta R.T. 0.01 min
 Lab File: BE098222.D
 Acq: 13 Nov 2018 23:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 14141
 Ion Ratio Lower Upper
 276 100
 138 21.7 6.4 9.6#
 277 24.1 18.9 28.3

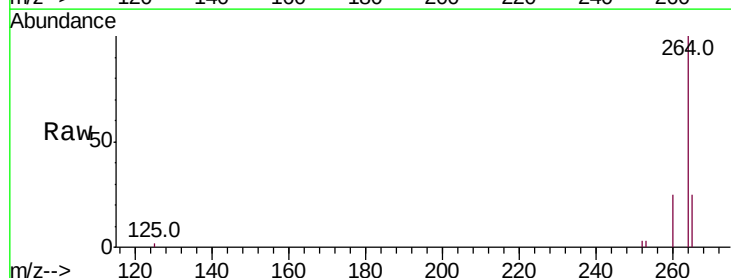


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

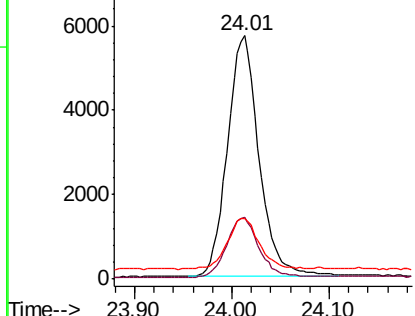
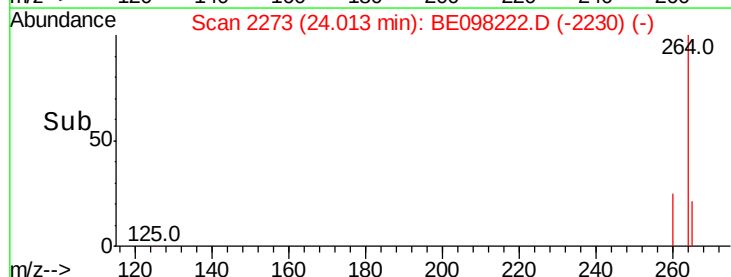


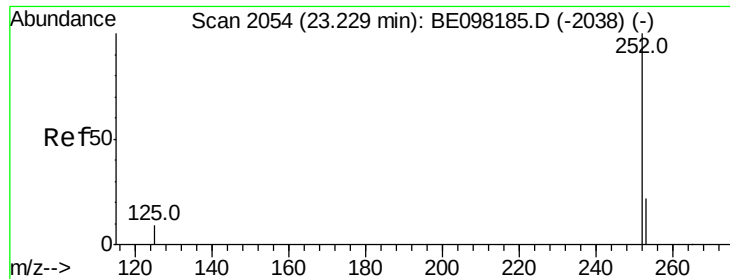
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BE098222.D
 Acq: 13 Nov 2018 23:26

Tgt Ion:264 Resp: 12966
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.9 29.9
 265 24.9 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: 0.411 ng

RT: 23.28 min Scan# 2067

Delta R.T. 0.05 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampled :

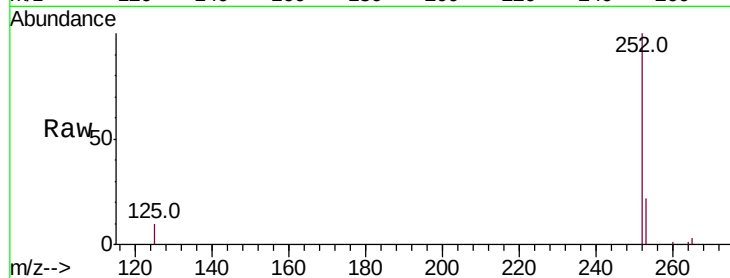
Tot Ion:252 Resp: 15130

Ion Ratio Lower Upper

252 100

253 22.4 19.4 29.0

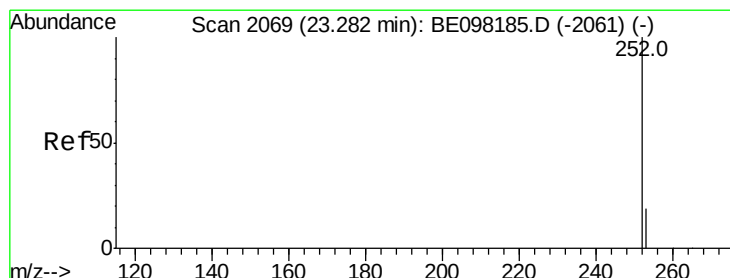
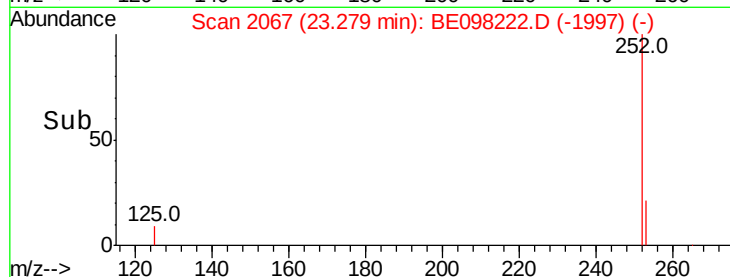
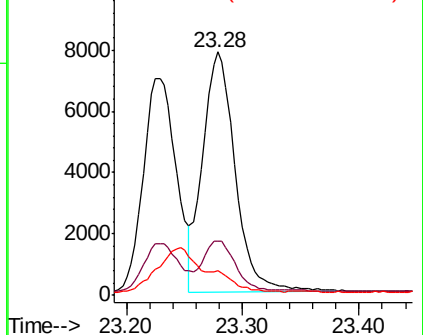
125 10.1 8.6 12.8



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: 0.390 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

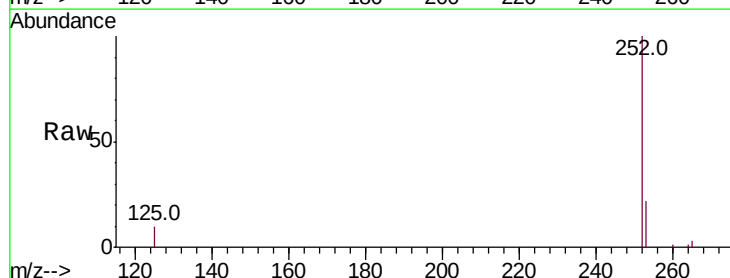
Tgt Ion:252 Resp: 15130

Ion Ratio Lower Upper

252 100

253 22.4 18.6 28.0

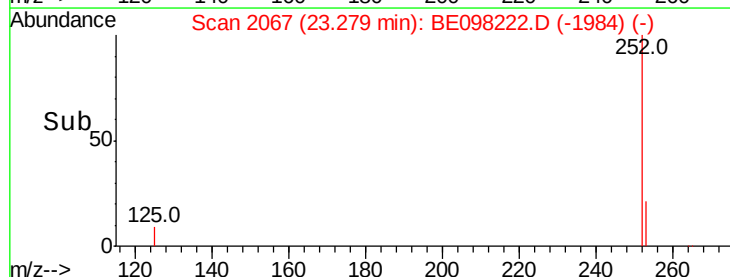
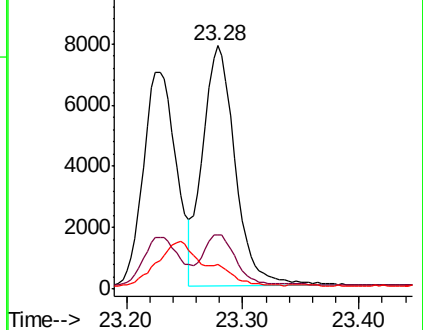
125 10.1 7.4 11.0

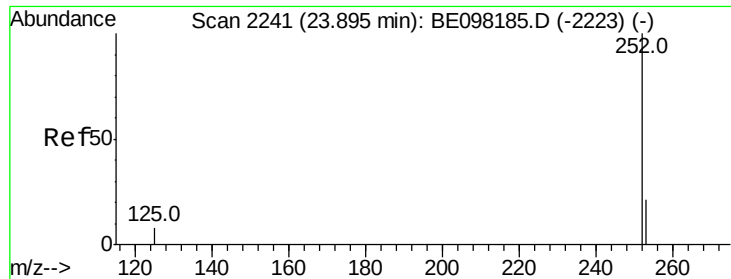


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

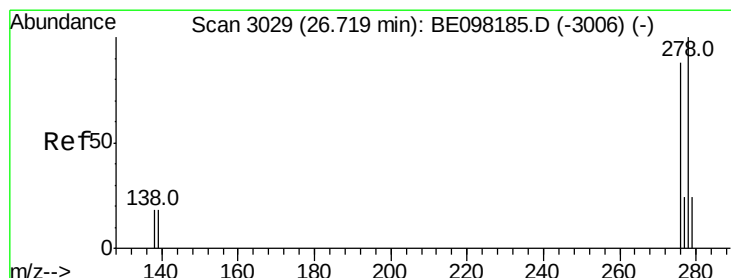
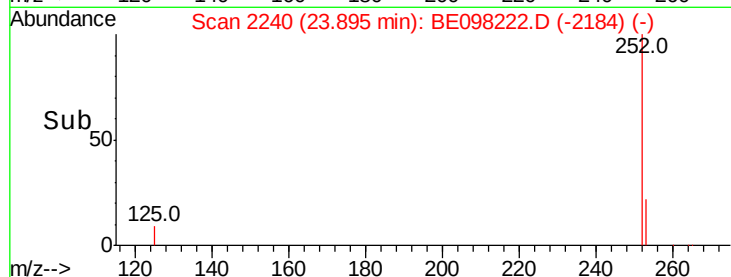
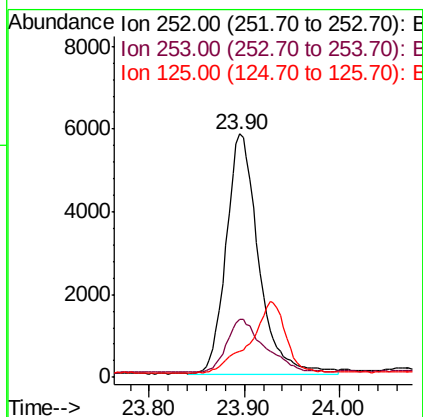
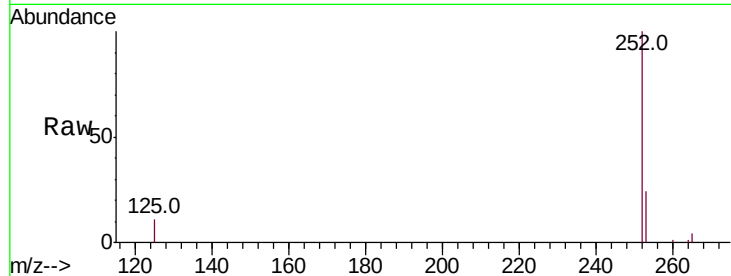




#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.90 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

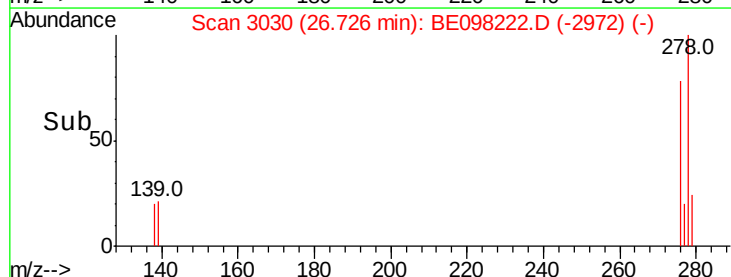
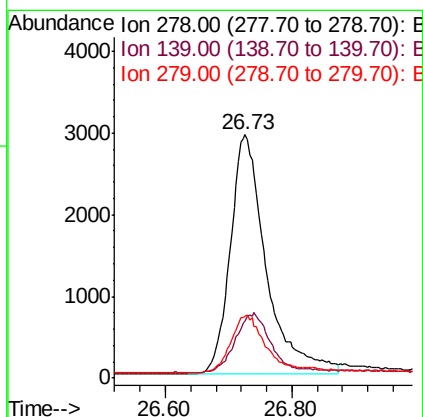
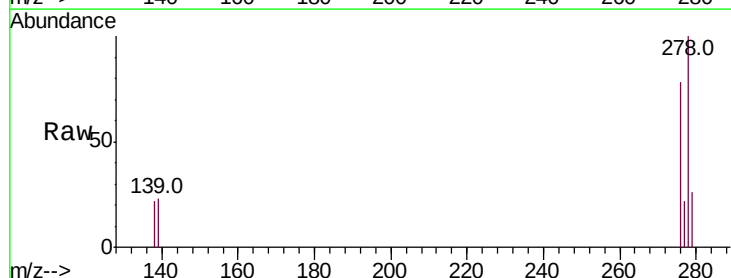
Instrument :
BNA_E
ClientSampleId :

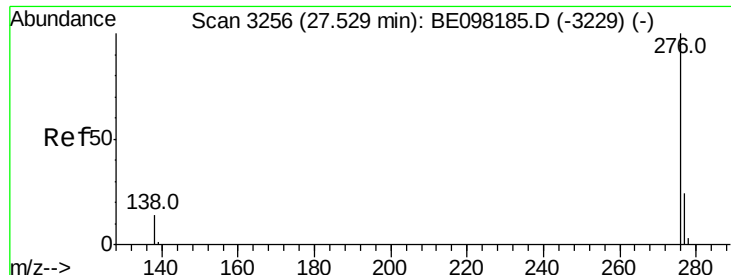
Tot Ion:252 Resp: 13652
Ion Ratio Lower Upper
252 100
253 23.6 18.6 27.8
125 10.5 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098222.D
Acq: 13 Nov 2018 23:26

Tgt Ion:278 Resp: 11576
Ion Ratio Lower Upper
278 100
139 23.2 16.4 24.6
279 25.6 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.365 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098222.D

Acq: 13 Nov 2018 23:26

Instrument :

BNA_E

ClientSampleId :

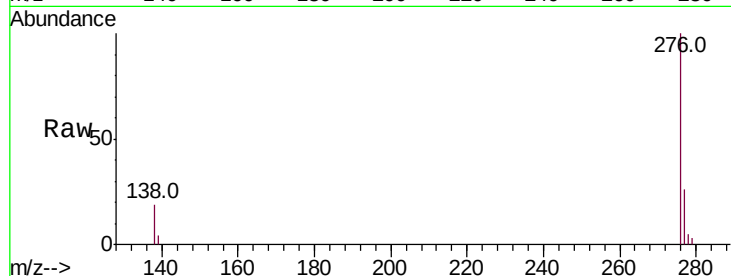
Tot Ion:276 Resp: 11447

Ion Ratio Lower Upper

276 100

277 25.6 20.4 30.6

138 18.8 13.2 19.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

