

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098141.D
 Acq On : 1 Nov 2018 11:47
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 12:22:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 11:18:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1106	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5242	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3536	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8100	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9634	0.40	ng	0.00
34) Perylene-d12	24.01	264	9252	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	4812	1.44	ng	0.00
5) Phenol-d6	7.05	99	8077	1.45	ng	0.00
8) Nitrobenzene-d5	9.02	82	8693	1.56	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	14431	1.55	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	2576	1.45	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	21339	1.49	ng	0.00
25) Fluoranthene-d10	19.31	212	162626	1.57	ng	0.00
29) Terphenyl-d14	19.91	244	33759	1.49	ng	0.00

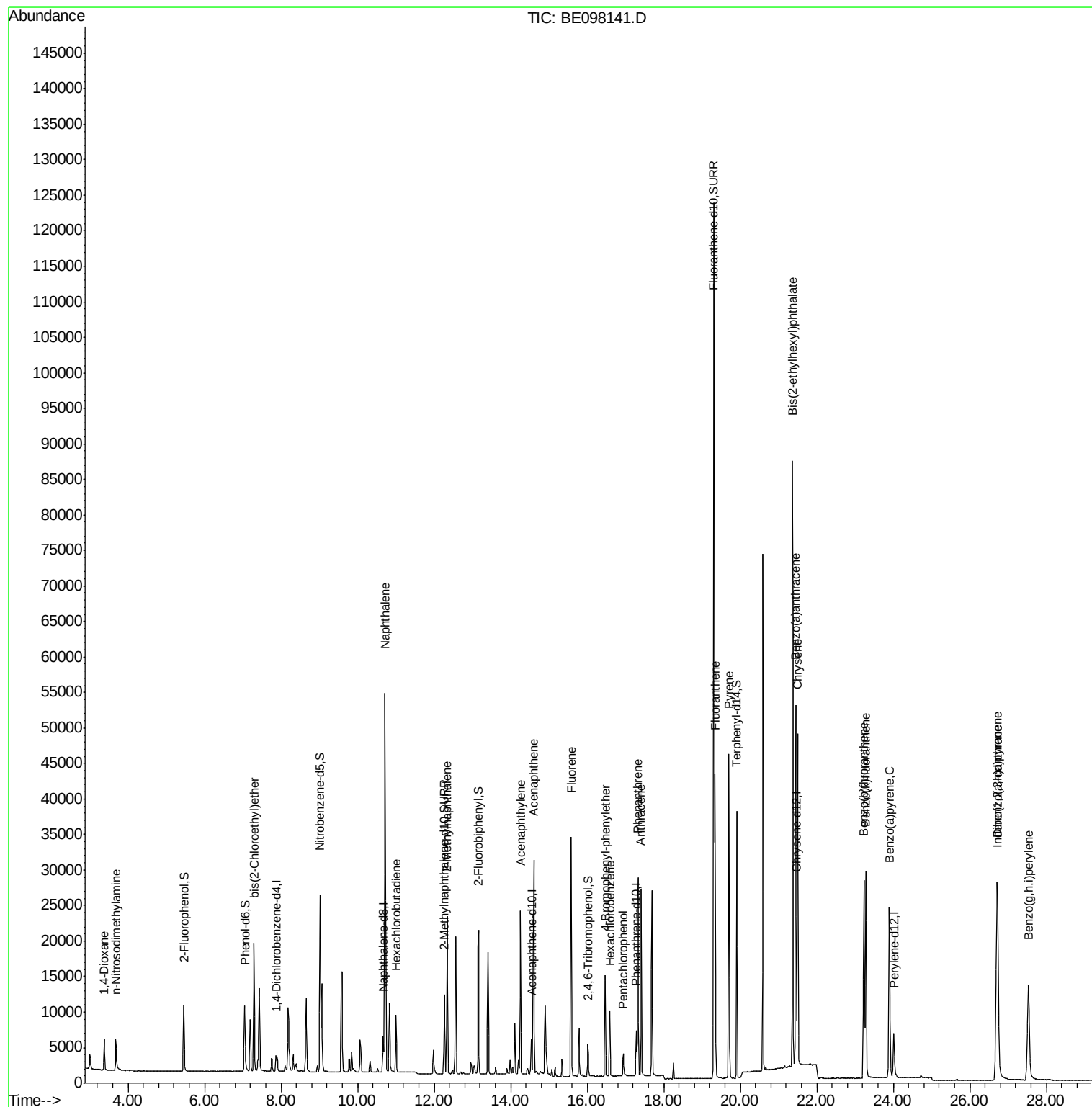
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	2390	1.404	ng	99
3) n-Nitrosodimethylamine	3.68	42	3589	1.580	ng	# 80
6) bis(2-Chloroethyl)ether	7.29	93	5875	1.504	ng	93
9) Naphthalene	10.72	128	81084	1.557	ng	99
10) Hexachlorobutadiene	11.00	225	5358	1.518	ng	96
12) 2-Methylnaphthalene	12.34	142	14617	1.552	ng	# 92
16) Acenaphthylene	14.26	152	25089	1.567	ng	99
17) Acenaphthene	14.60	154	15383	1.590	ng	99
18) Fluorene	15.58	166	20435	1.566	ng	99
20) 4-Bromophenyl-phenylether	16.47	248	7913	1.618	ng	# 83
21) Hexachlorobenzene	16.59	284	8227	1.613	ng	99
22) Pentachlorophenol	16.94	266	1976	4.652	ng	98
23) Phenanthrene	17.33	178	31610	1.590	ng	100
24) Anthracene	17.41	178	31099	1.593	ng	99
26) Fluoranthene	19.34	202	39345	1.588	ng	# 96
28) Pyrene	19.71	202	40858	1.536	ng	99
30) Benzo(a)anthracene	21.45	228	43376	1.524	ng	97
31) Chrysene	21.50	228	42927	1.552	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	108444	1.604	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	45141	1.494	ng	# 95
35) Benzo(b)fluoranthene	23.23	252	40103	1.561	ng	# 86
36) Benzo(k)fluoranthene	23.28	252	43181	1.616	ng	# 86
37) Benzo(a)pyrene	23.89	252	39471	1.563	ng	# 86
38) Dibenzo(a,h)anthracene	26.72	278	38406	1.561	ng	# 89
39) Benzo(g,h,i)perylene	27.53	276	37728	1.546	ng	# 87

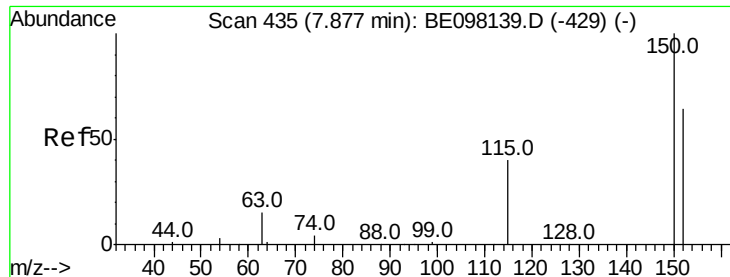
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098141.D
Acq On : 1 Nov 2018 11:47
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Nov 01 12:22:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 11:18:18 2018
Response via : Initial Calibration



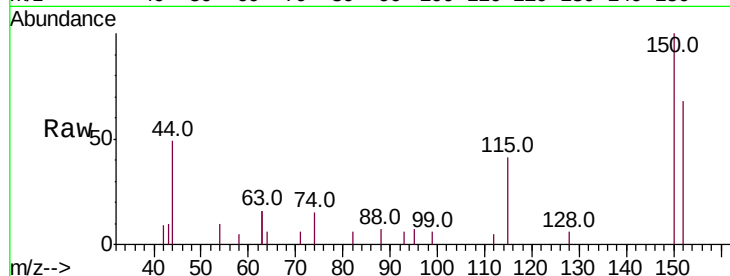


#1

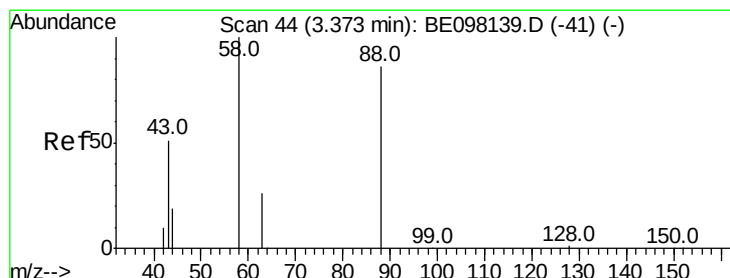
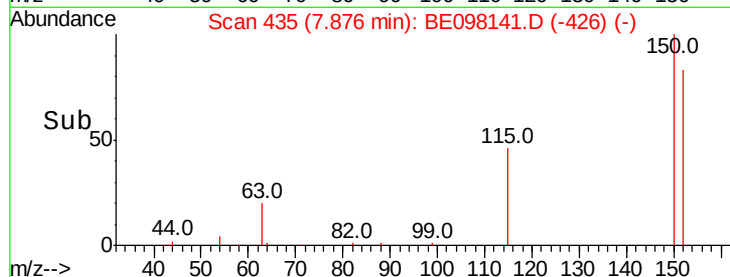
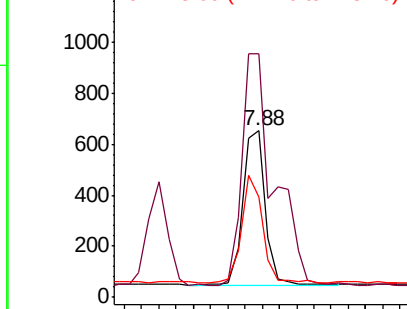
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1106
Ion Ratio Lower Upper
152 100
150 146.3 118.2 177.4
115 60.3 50.9 76.3



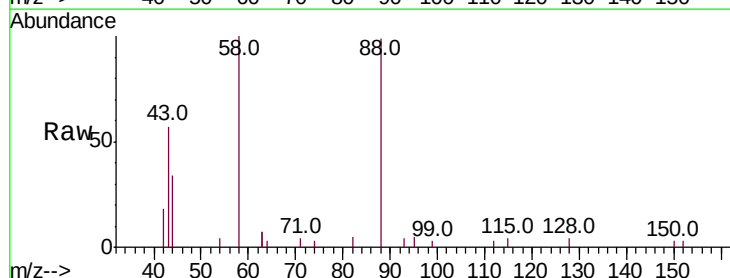
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



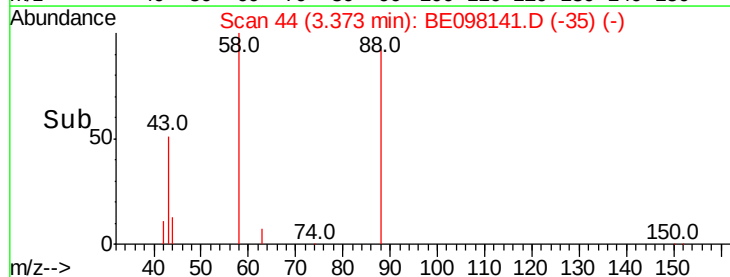
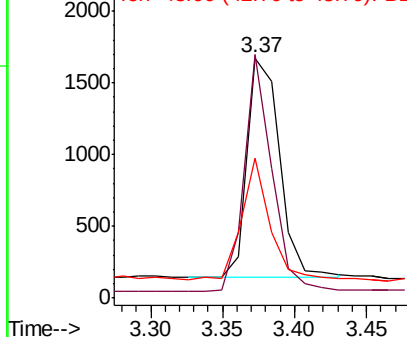
#2

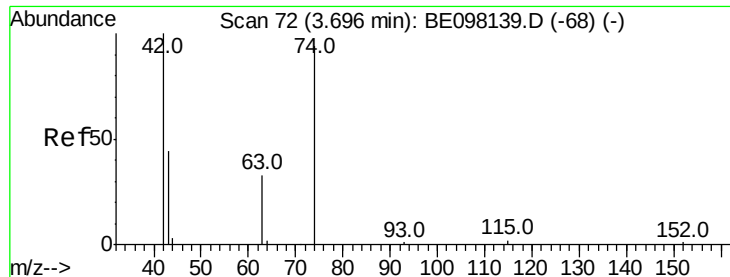
1,4-Dioxane
Concen: 1.404 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion: 88 Resp: 2390
Ion Ratio Lower Upper
88 100
58 92.1 73.2 109.8
43 47.6 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



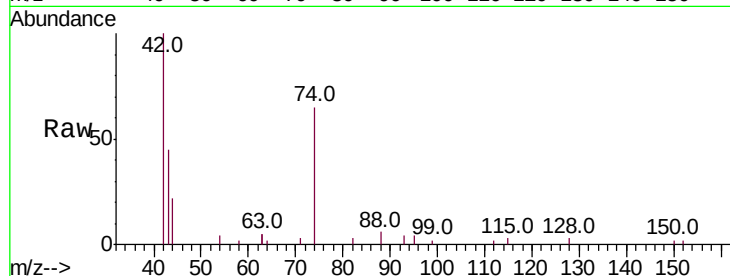


#3

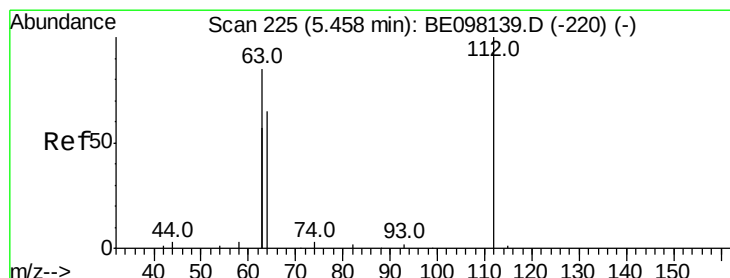
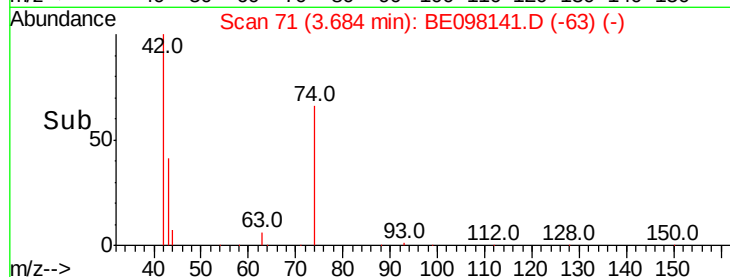
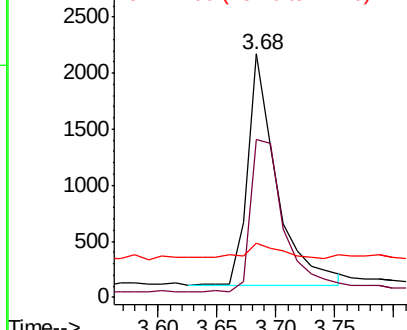
n-Nitrosodimethylamine
 Concen: 1.580 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098141.D
 Acq: 1 Nov 2018 11:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 3589
 Ion Ratio Lower Upper
 42 100
 74 76.0 77.6 116.4#
 44 7.7 7.6 11.4



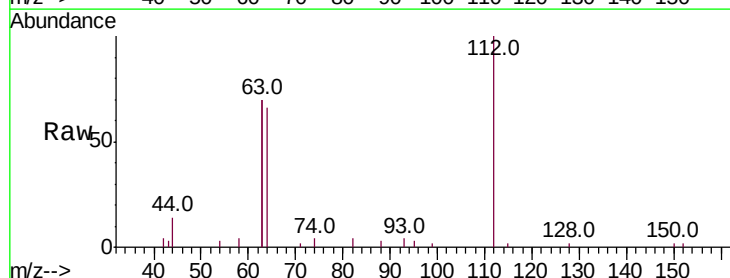
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



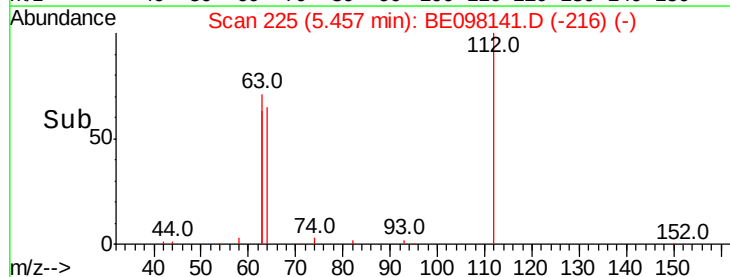
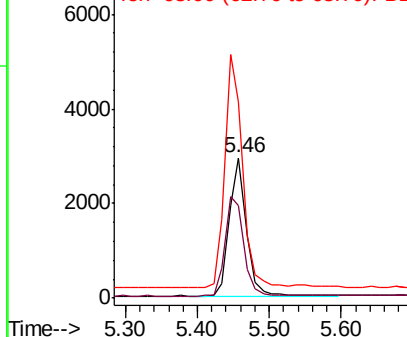
#4

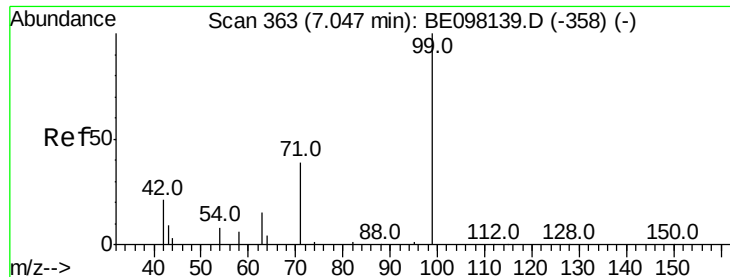
2-Fluorophenol
 Concen: 1.437 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098141.D
 Acq: 1 Nov 2018 11:47

Tgt Ion: 112 Resp: 4812
 Ion Ratio Lower Upper
 112 100
 64 79.5 58.9 88.3
 63 175.4 120.3 180.5



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: 1.448 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

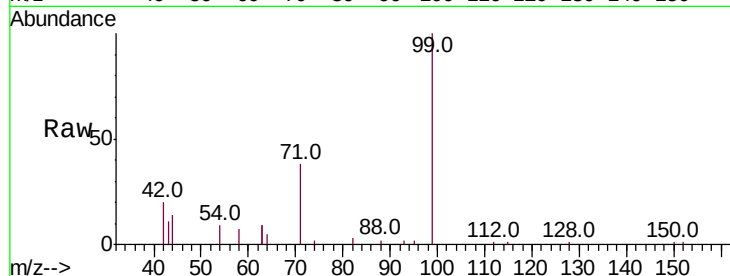
Tot Ion: 99 Resp: 8077

Ion Ratio Lower Upper

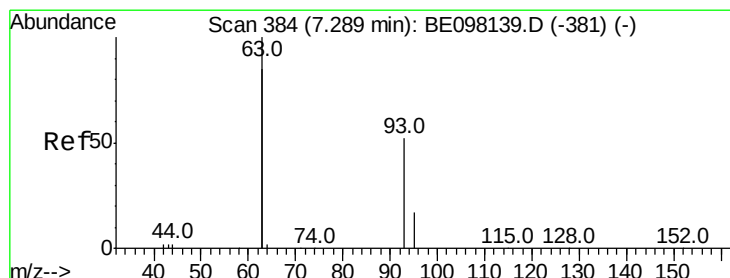
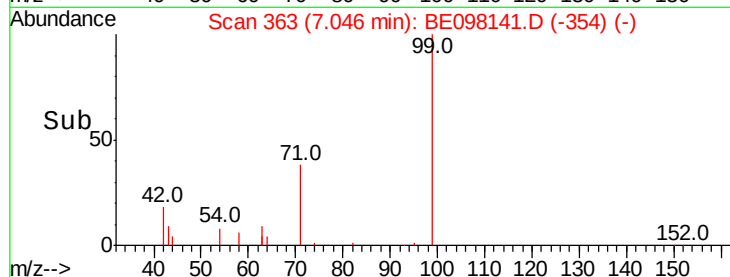
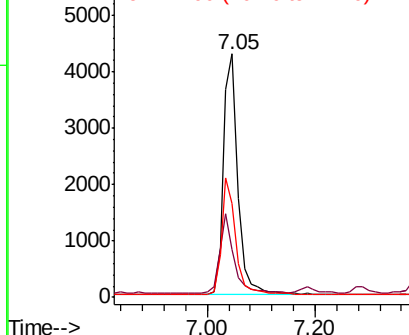
99 100

42 31.6 19.9 29.9#

71 46.5 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: 1.504 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

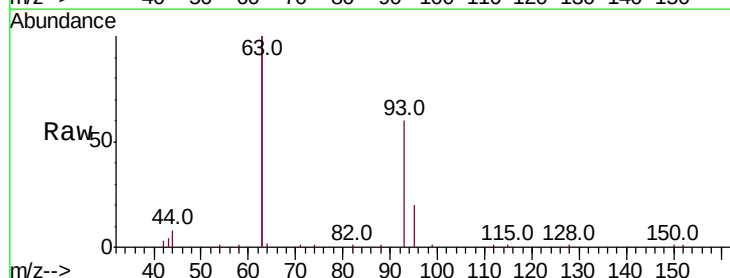
Tgt Ion: 93 Resp: 5875

Ion Ratio Lower Upper

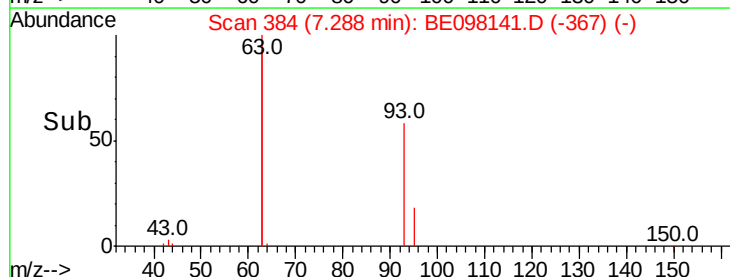
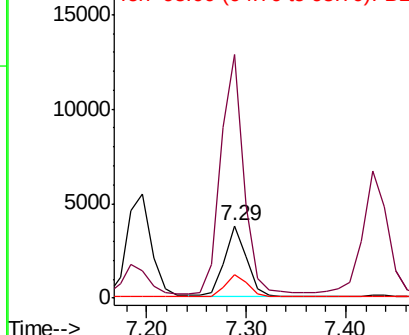
93 100

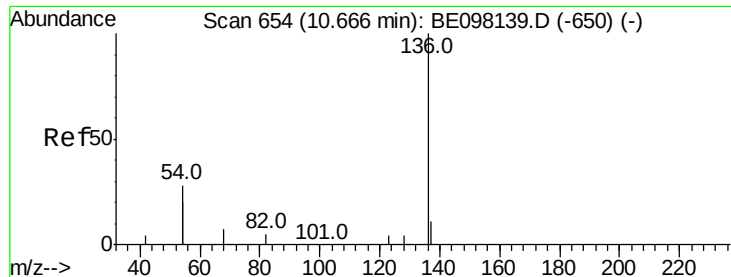
63 339.3 259.0 388.4

95 31.6 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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5242

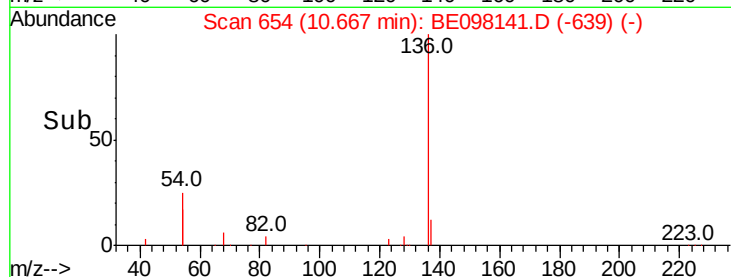
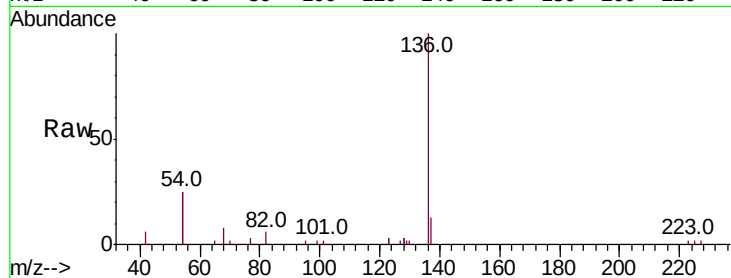
Ion Ratio Lower Upper

136 100

137 13.2 9.6 14.4

54 49.2 27.7 41.5#

68 8.0 5.3 7.9#

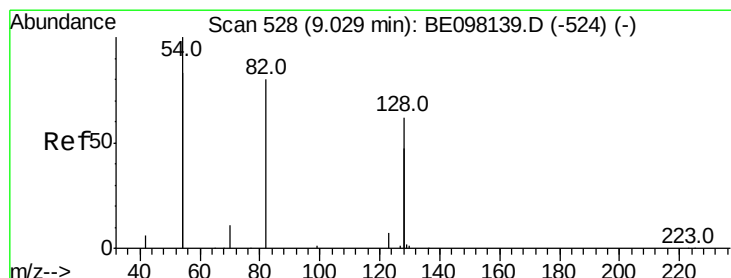
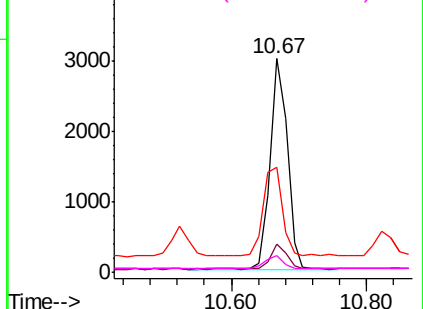


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.560 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

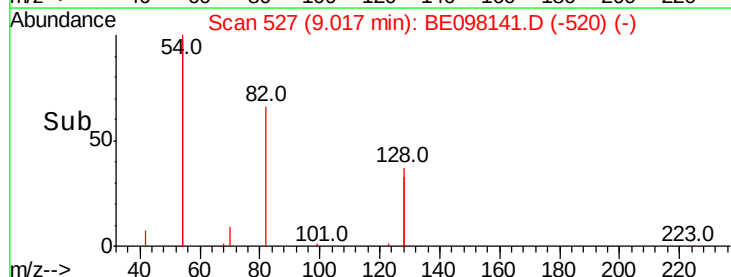
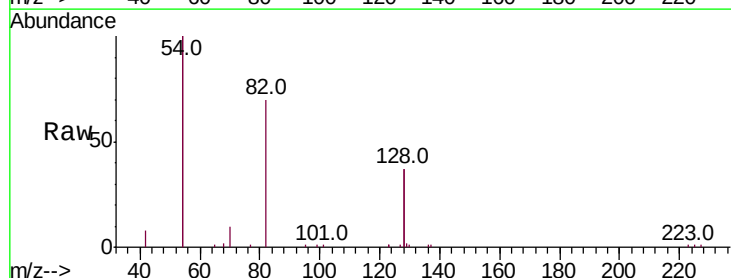
Tgt Ion: 82 Resp: 8693

Ion Ratio Lower Upper

82 100

128 104.7 129.9 194.9#

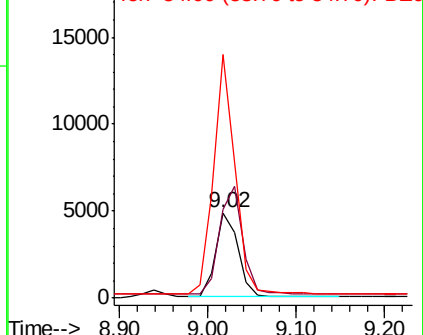
54 286.9 174.0 261.0#

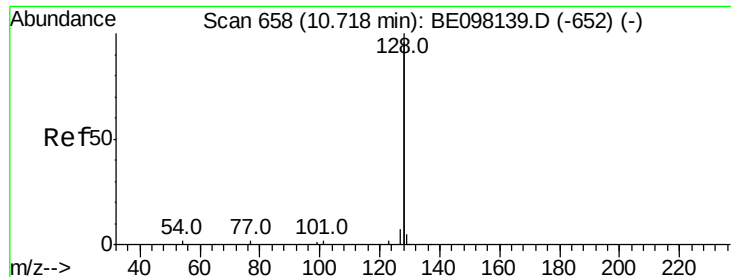


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.557 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

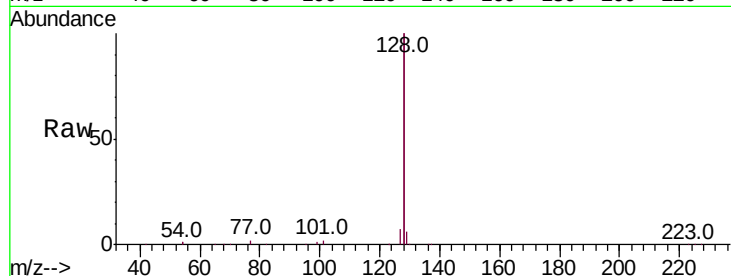
Tot Ion:128 Resp: 81084

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

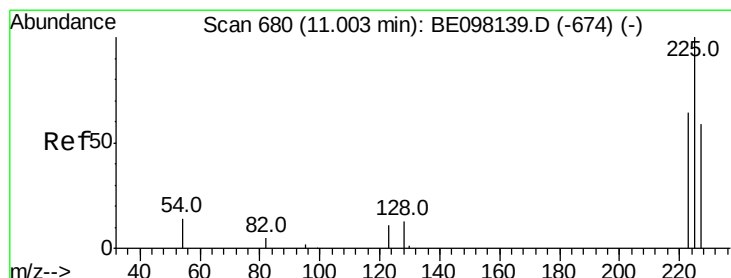
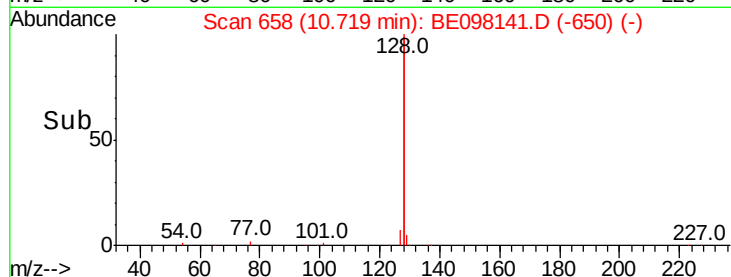
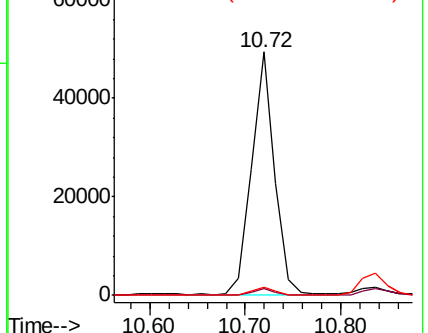
127 3.4 2.8 4.2



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: 1.518 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

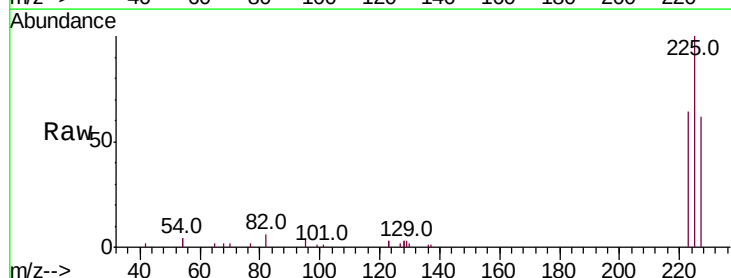
Tgt Ion:225 Resp: 5358

Ion Ratio Lower Upper

225 100

223 62.3 51.8 77.8

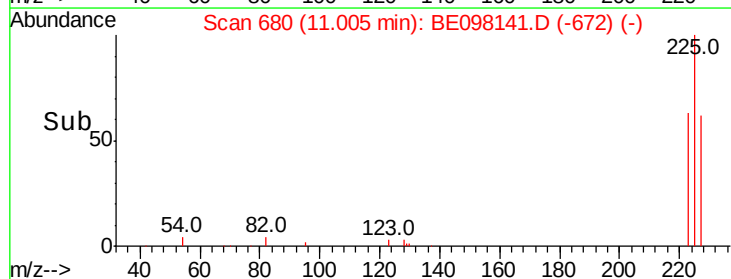
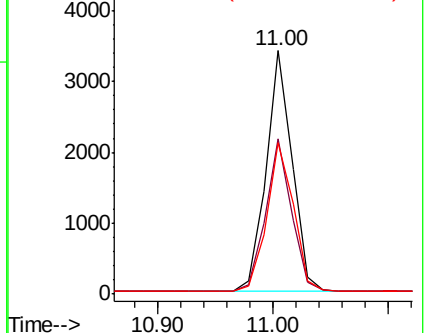
227 63.2 53.0 79.6

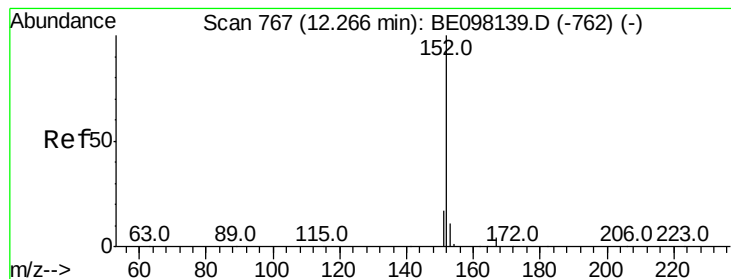


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.552 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

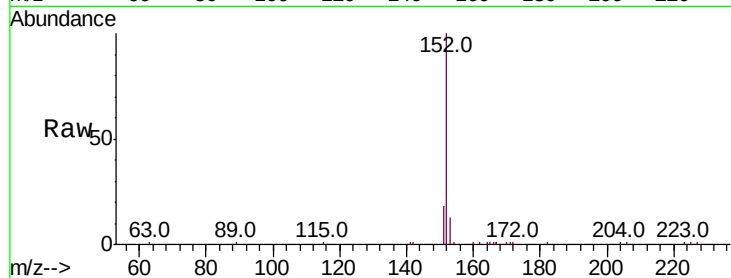
ClientSampleId :

Tot Ion:152 Resp: 14431

Ion Ratio Lower Upper

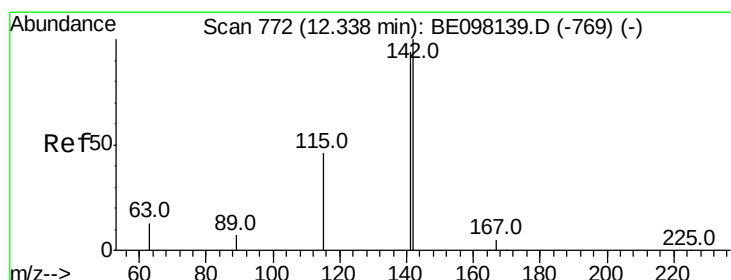
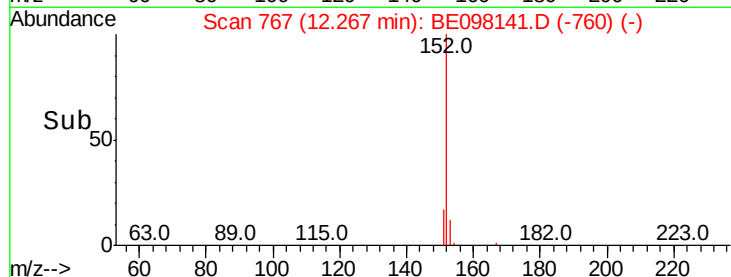
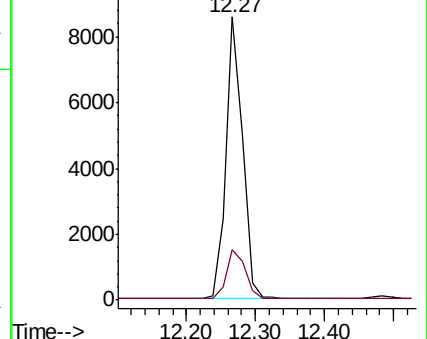
152 100

151 19.6 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.552 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

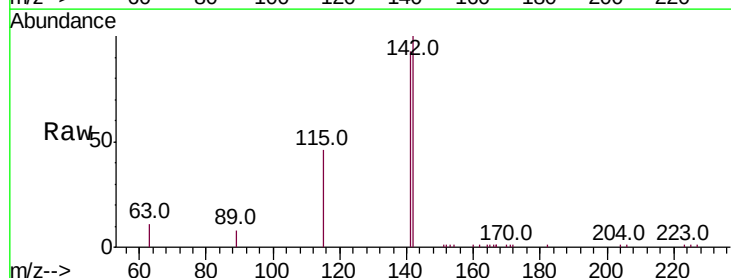
Tgt Ion:142 Resp: 14617

Ion Ratio Lower Upper

142 100

141 93.0 69.8 104.6

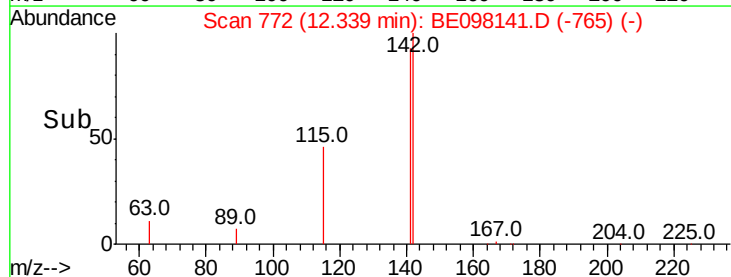
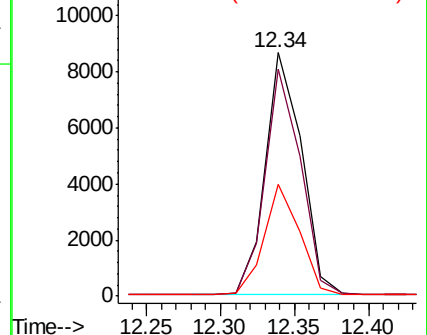
115 46.1 30.5 45.7#

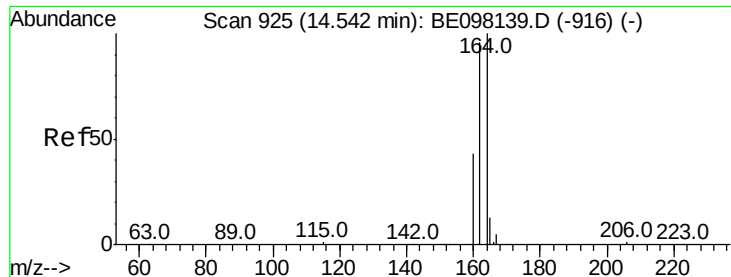


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

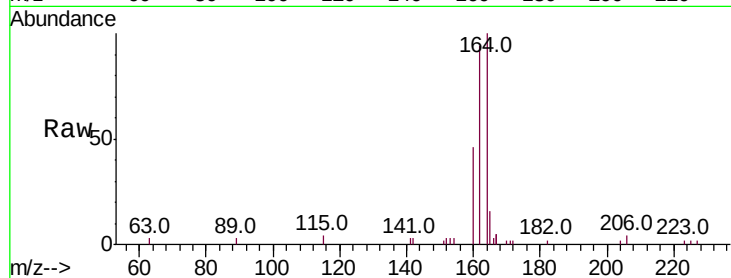




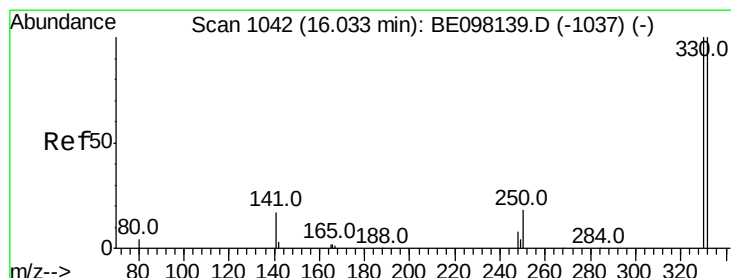
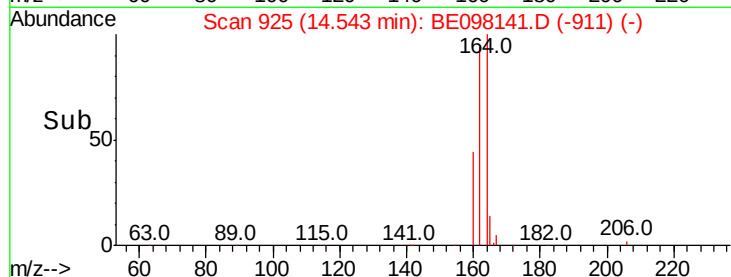
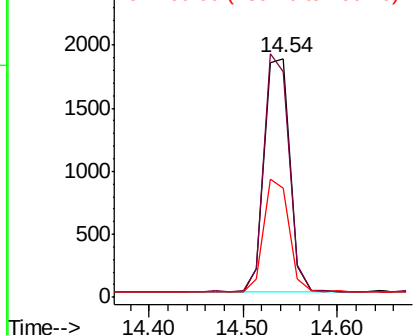
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098141.D
 Acq: 1 Nov 2018 11:47

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 3536
 Ion Ratio Lower Upper
 164 100
 162 94.2 77.4 116.2
 160 45.6 36.5 54.7

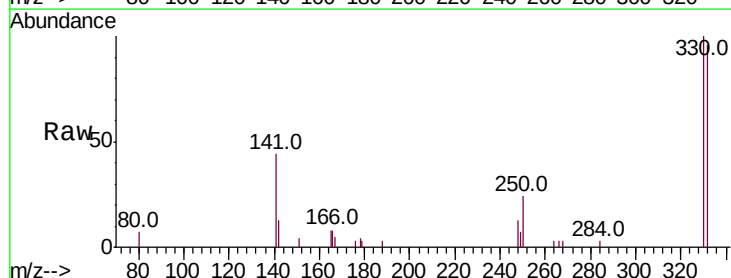


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

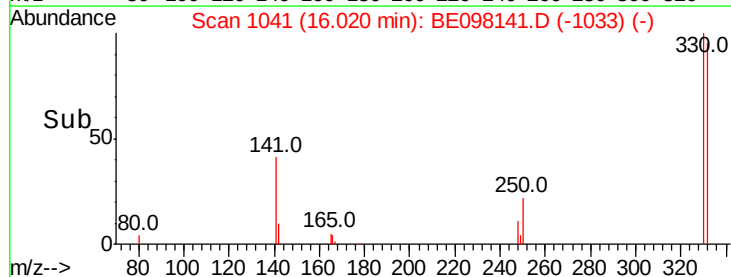
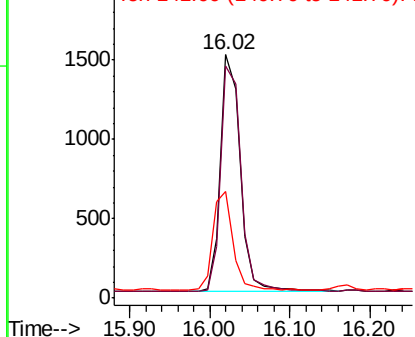


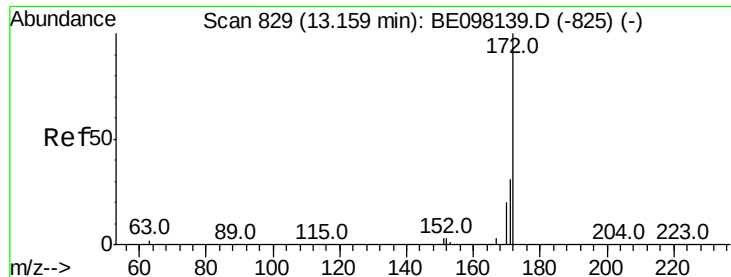
#14
 2,4,6-Tribromophenol
 Concen: 1.447 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098141.D
 Acq: 1 Nov 2018 11:47

Tgt Ion:330 Resp: 2576
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.5 114.7
 141 41.3 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

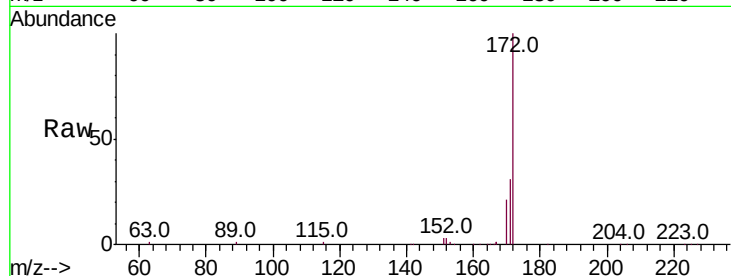




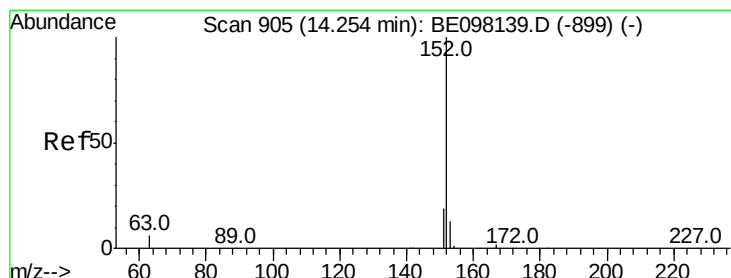
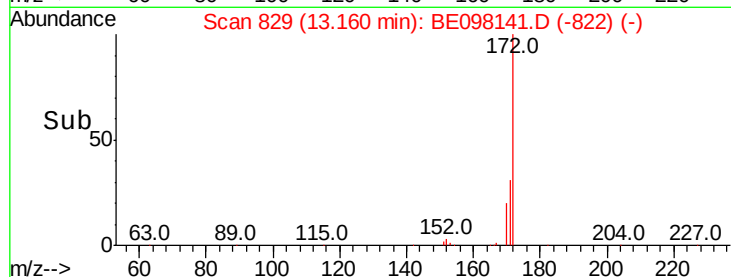
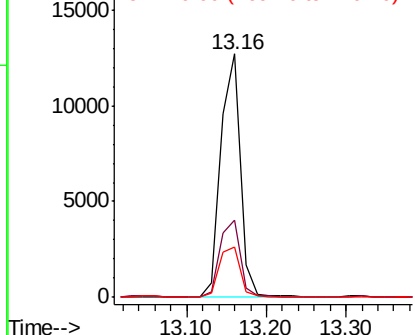
#15
2-Fluorobiphenyl
Concen: 1.492 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 21339
Ion Ratio Lower Upper
172 100
171 31.5 26.0 39.0
170 20.7 18.0 27.0

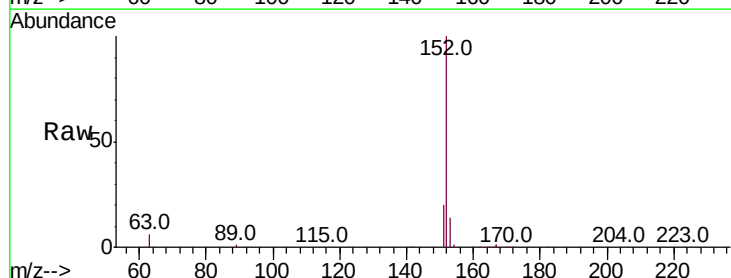


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

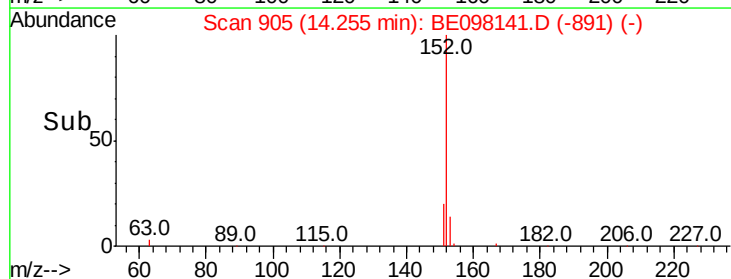
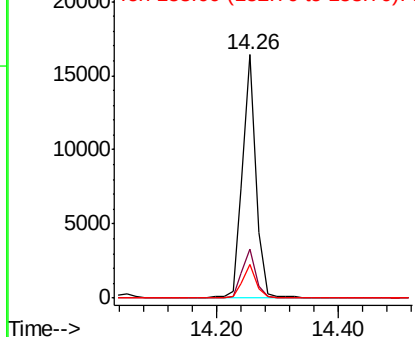


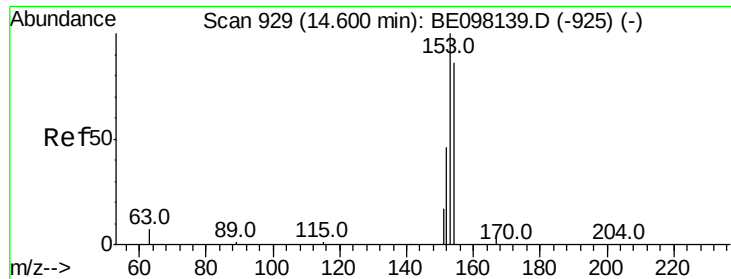
#16
Acenaphthylene
Concen: 1.567 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:152 Resp: 25089
Ion Ratio Lower Upper
152 100
151 20.0 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

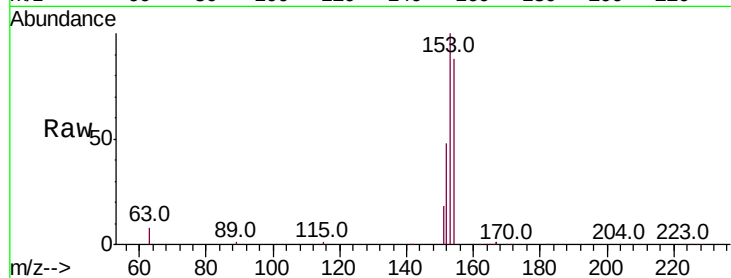




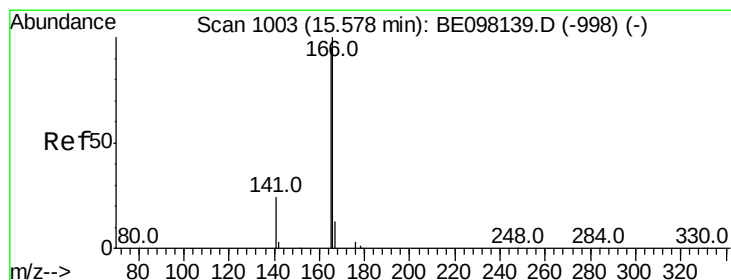
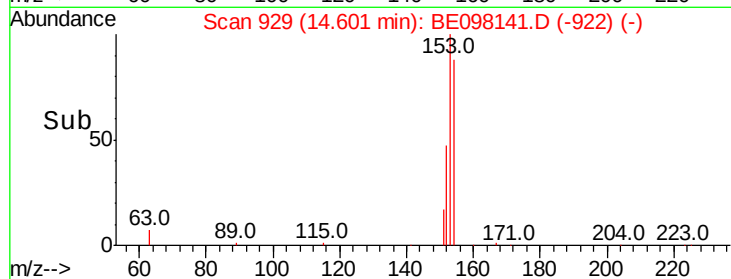
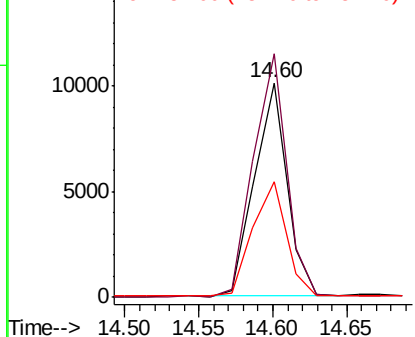
#17
Acenaphthene
Concen: 1.590 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 15383
Ion Ratio Lower Upper
154 100
153 115.2 92.6 139.0
152 56.0 45.5 68.3

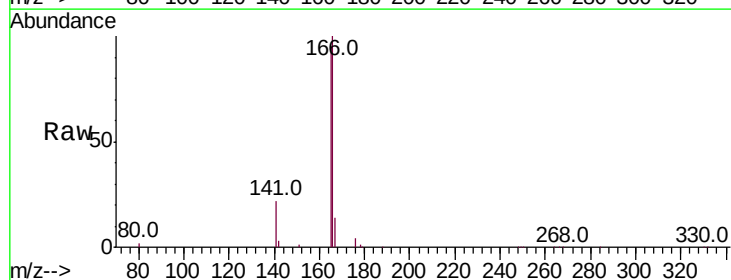


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

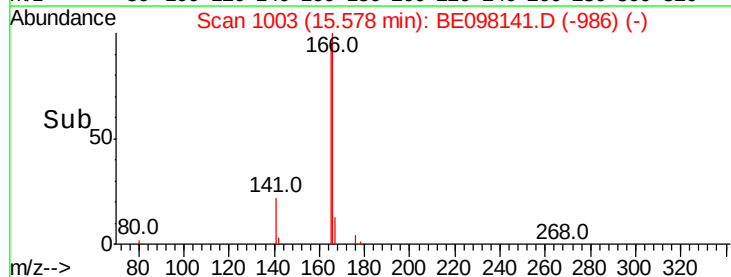
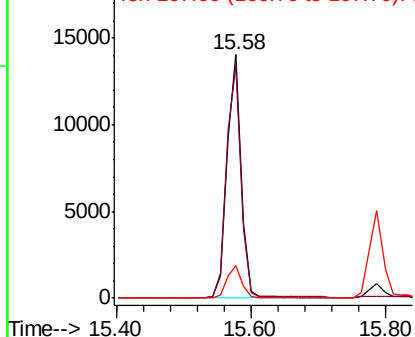


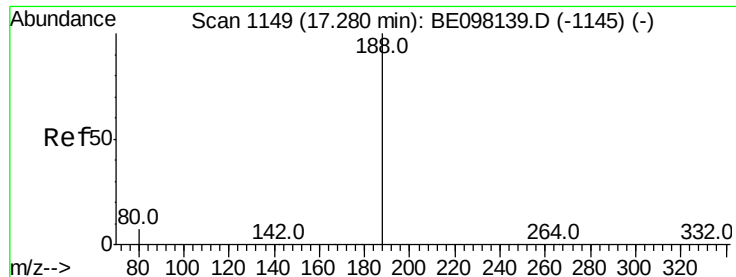
#18
Fluorene
Concen: 1.566 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE098141.D
Acq: 1 Nov 2018 11:47

Tgt Ion:166 Resp: 20435
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.4
167 13.5 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

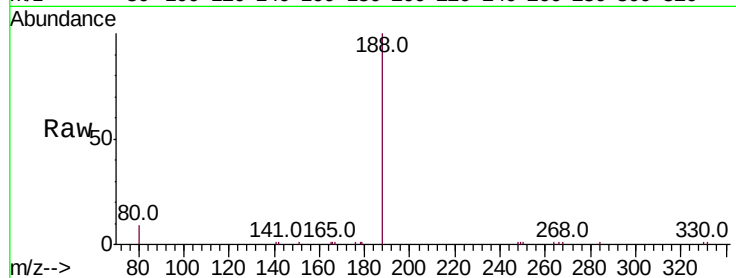
Tot Ion:188 Resp: 8100

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

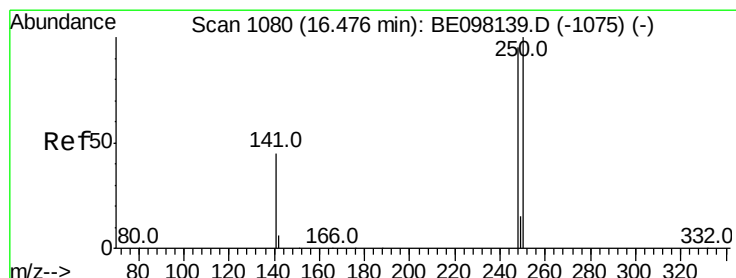
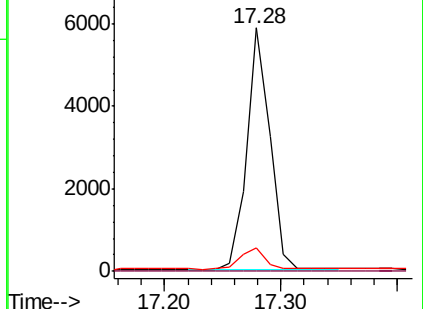
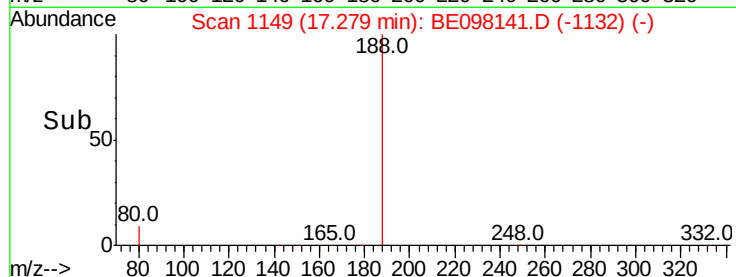
80 9.4 6.3 9.5



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: 1.618 ng

RT: 16.47 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

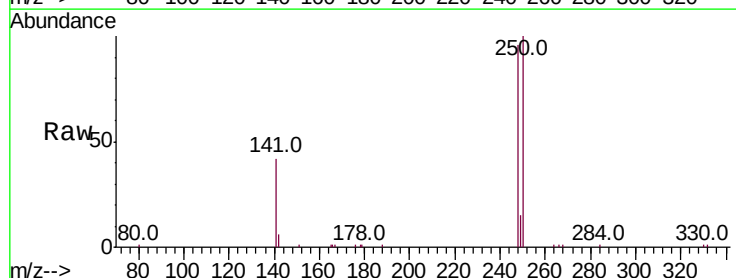
Tgt Ion:248 Resp: 7913

Ion Ratio Lower Upper

248 100

250 103.8 75.1 112.7

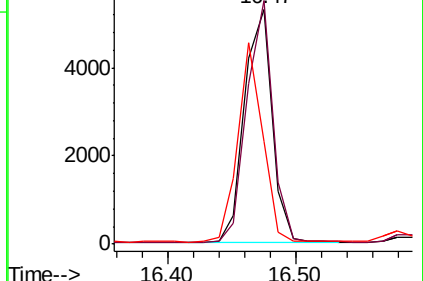
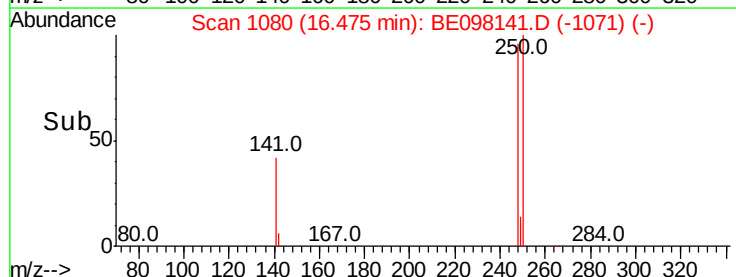
141 44.1 51.8 77.8#

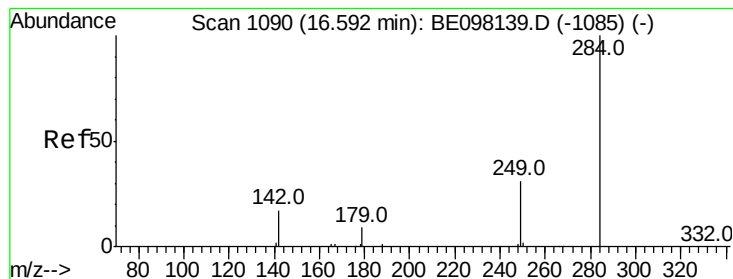


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.613 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

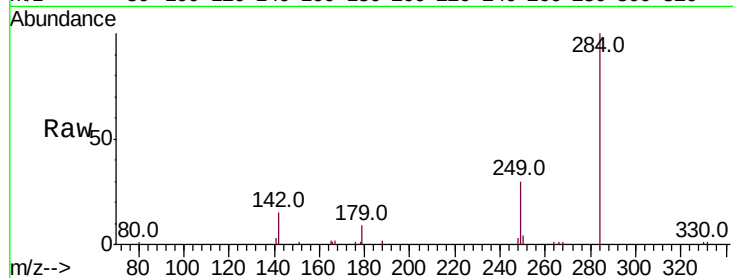
Tot Ion:284 Resp: 8227

Ion Ratio Lower Upper

284 100

142 32.0 25.9 38.9

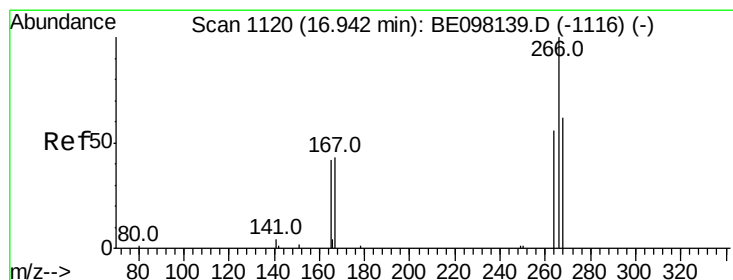
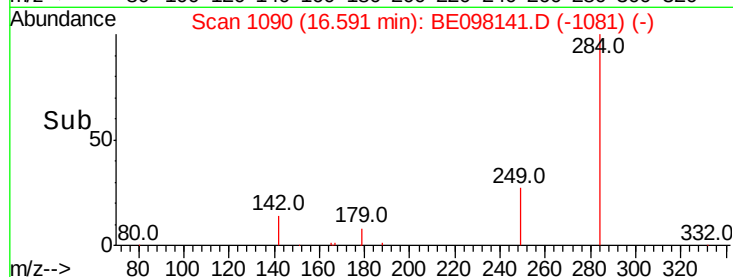
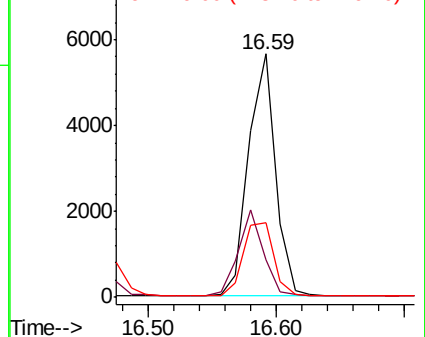
249 33.8 26.6 40.0



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: 4.652 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

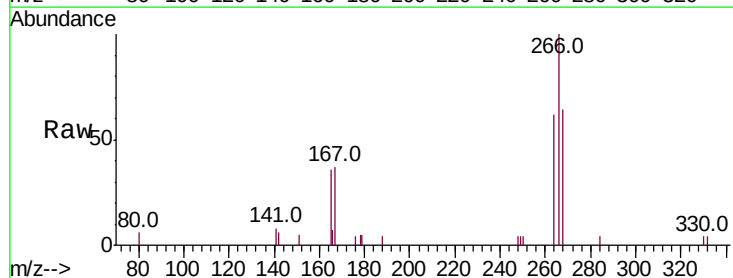
Tgt Ion:266 Resp: 1976

Ion Ratio Lower Upper

266 100

264 62.1 51.3 76.9

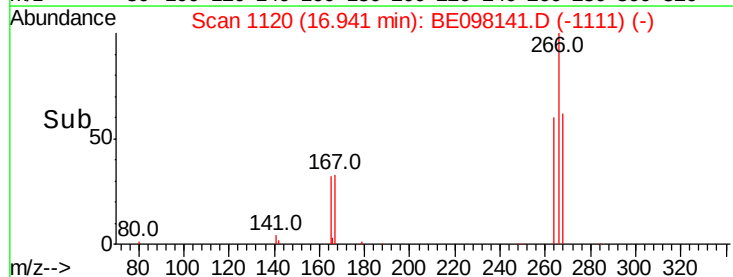
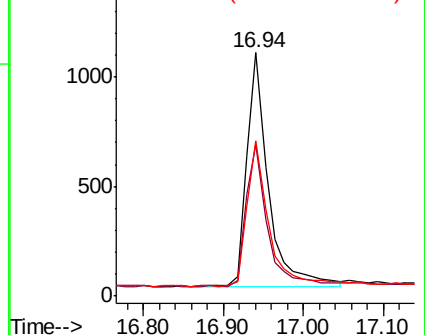
268 63.8 50.1 75.1

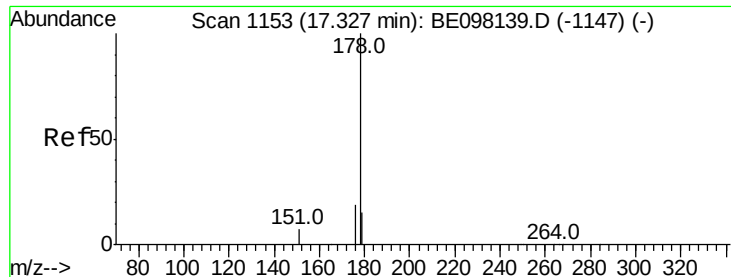


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.590 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

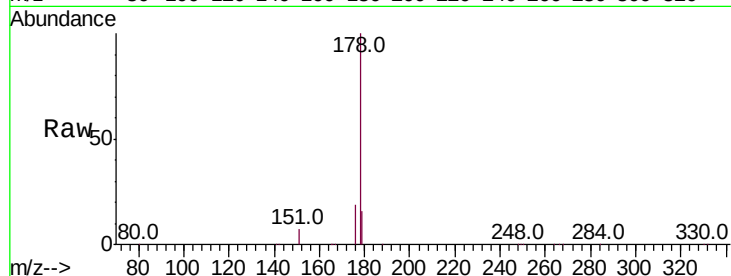
Instrument :

BNA_E

ClientSampled :

Tot Ion:178 Resp: 31610

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.2	18.4

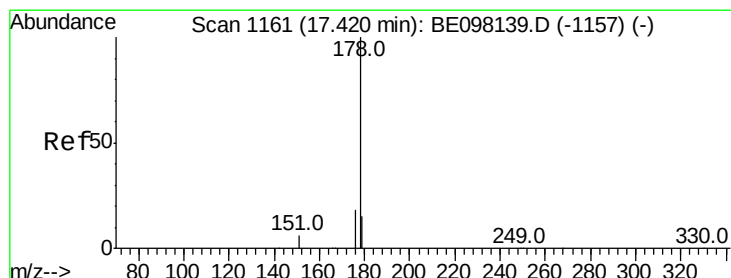
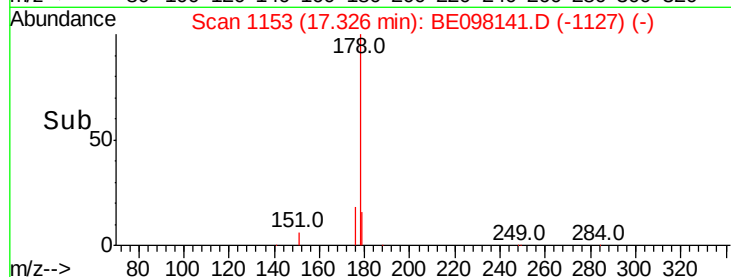
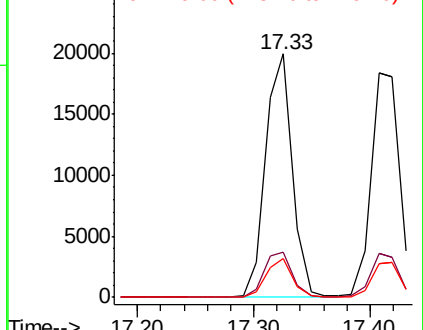


Abundance

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: 1.593 ng

RT: 17.41 min Scan# 1160

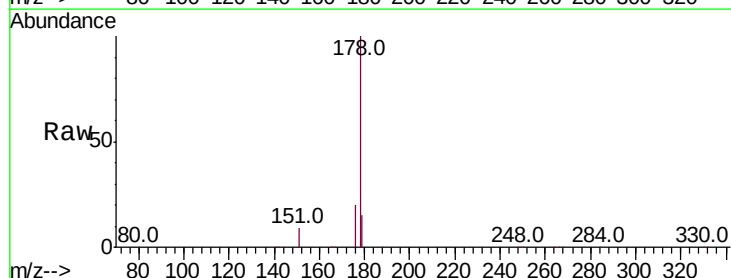
Delta R.T. -0.01 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Tgt Ion:178 Resp: 31099

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	11.9	17.9

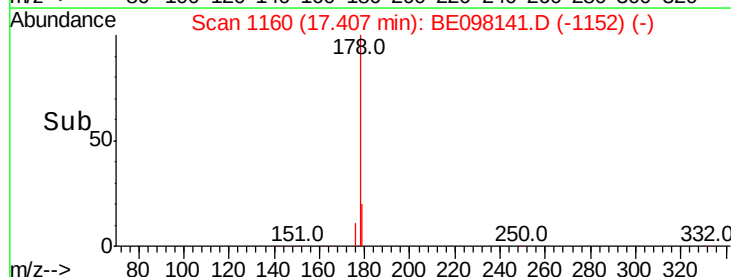
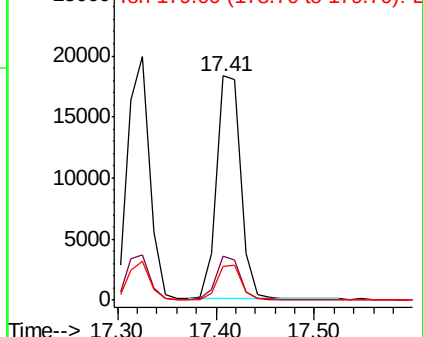


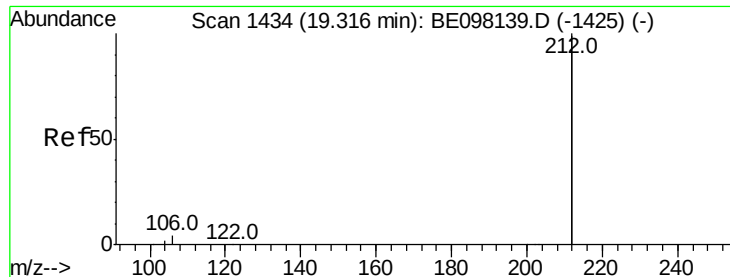
Abundance

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: 1.566 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

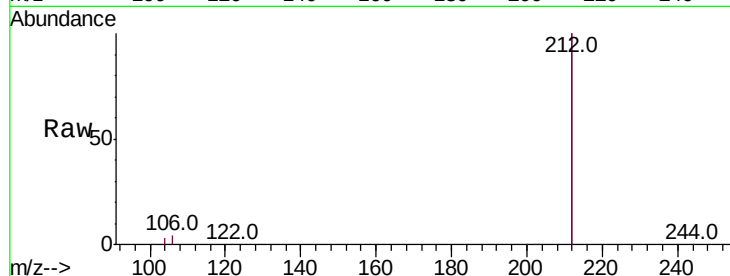
Tot Ion:212 Resp: 162626

Ion Ratio Lower Upper

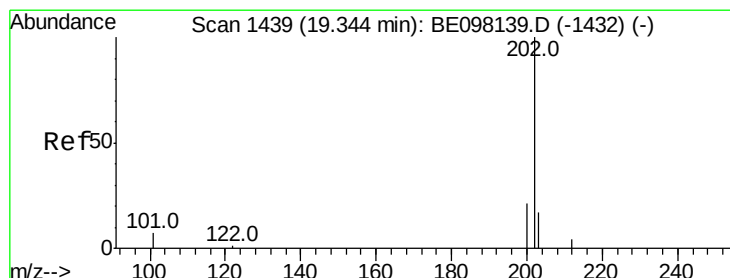
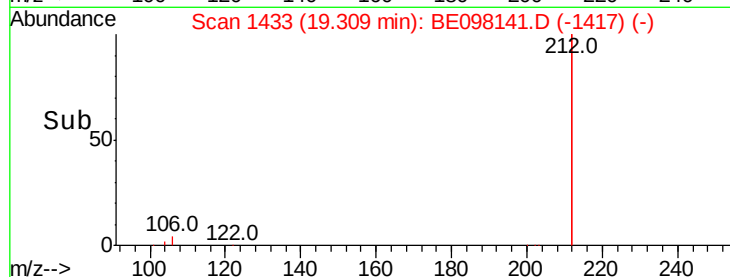
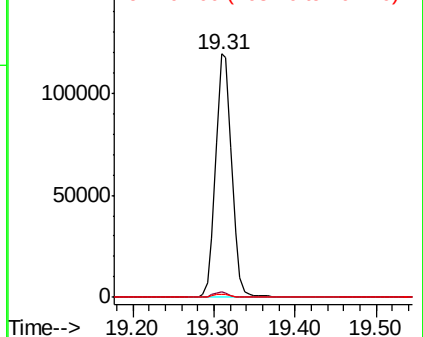
212 100

106 2.1 2.3 3.5#

104 1.2 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: 1.588 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

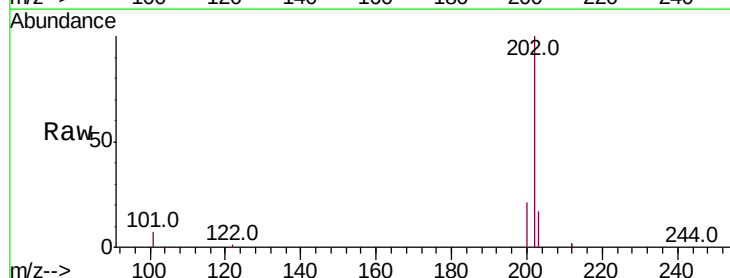
Tgt Ion:202 Resp: 39345

Ion Ratio Lower Upper

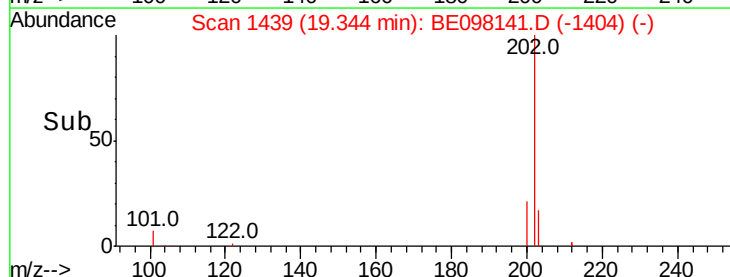
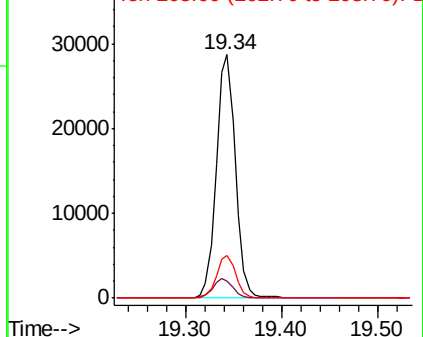
202 100

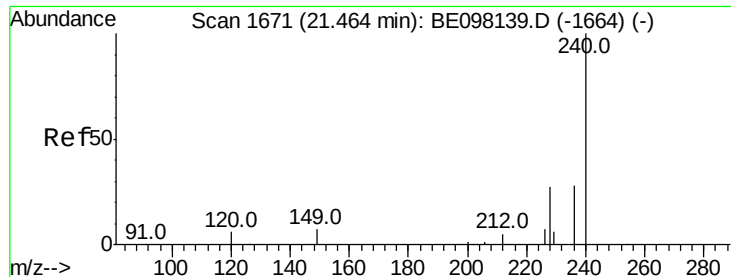
101 8.1 8.2 12.2#

203 17.3 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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

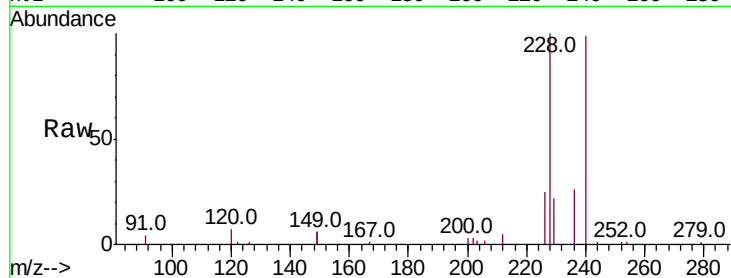
Tot Ion:240 Resp: 9634

Ion Ratio Lower Upper

240 100

120 7.2 7.1 10.7

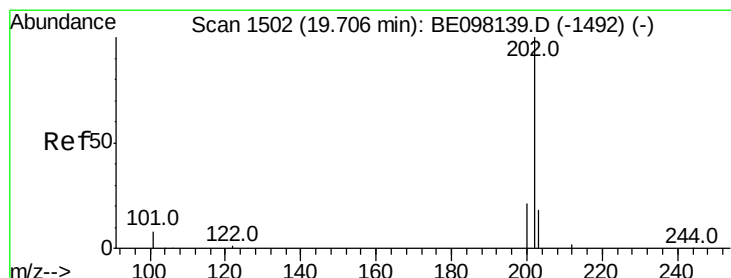
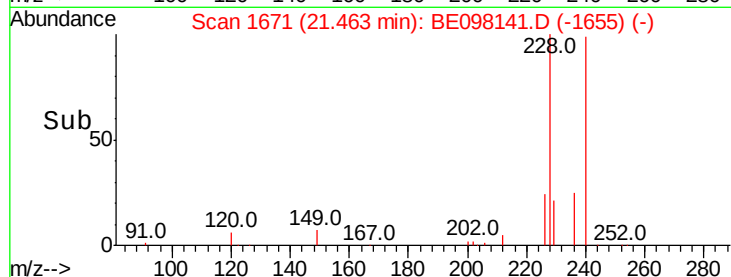
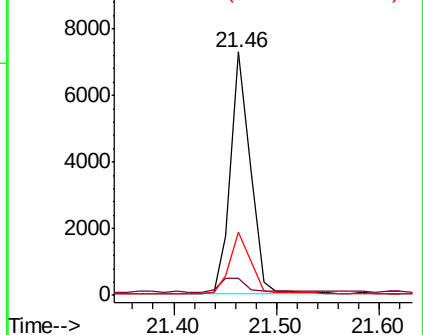
236 26.1 21.3 31.9



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: 1.536 ng

RT: 19.71 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

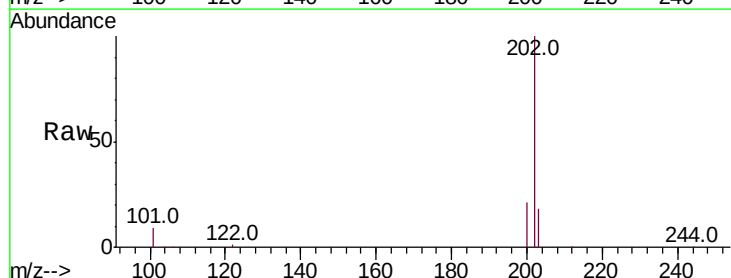
Tgt Ion:202 Resp: 40858

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

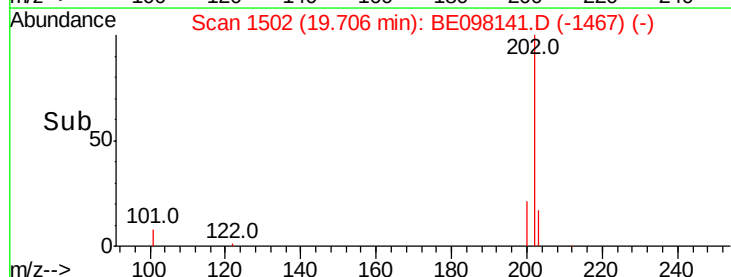
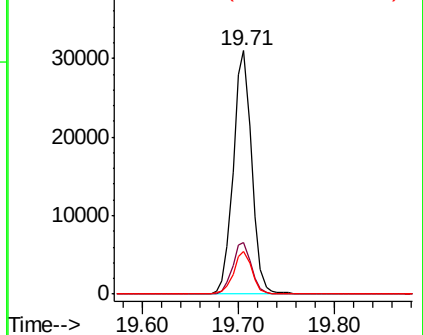
203 17.4 14.2 21.4

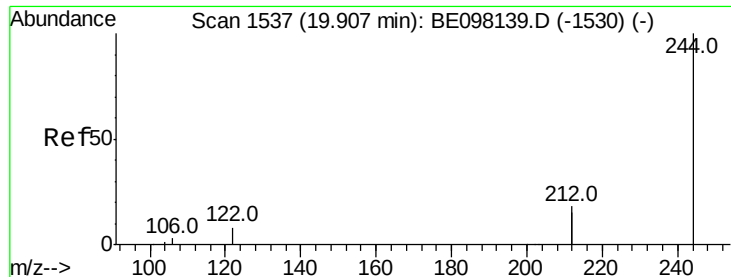


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.487 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

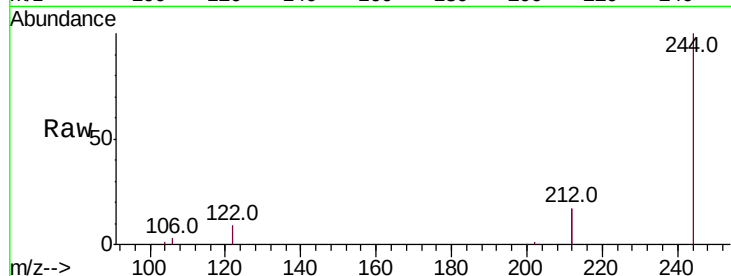
Tot Ion:244 Resp: 33759

Ion Ratio Lower Upper

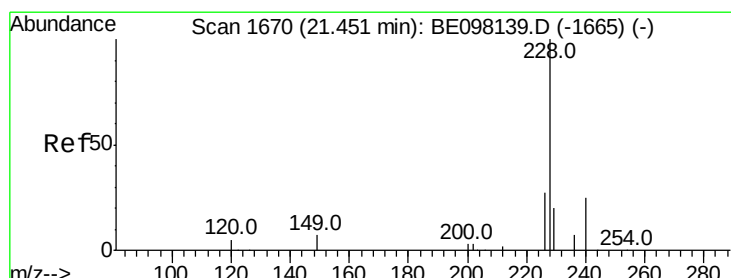
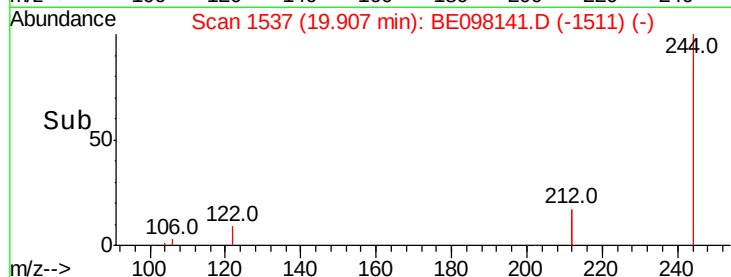
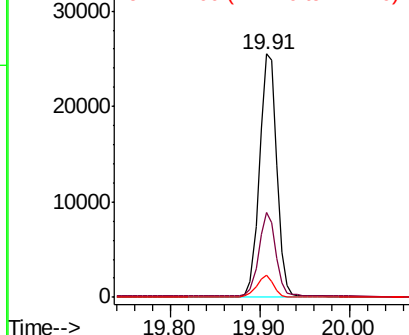
244 100

212 34.9 26.2 39.2

122 8.9 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: 1.524 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

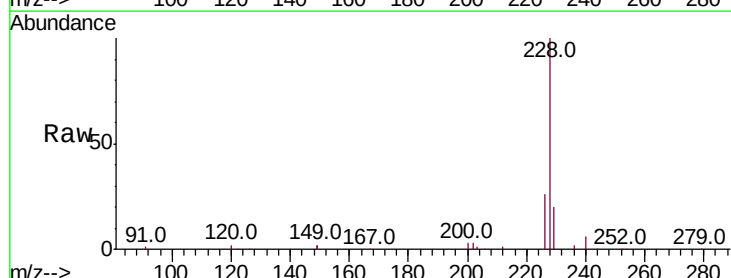
Tgt Ion:228 Resp: 43376

Ion Ratio Lower Upper

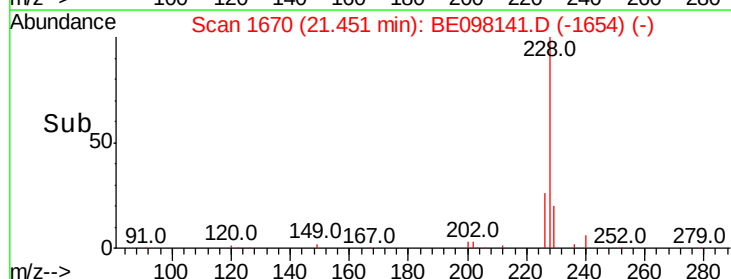
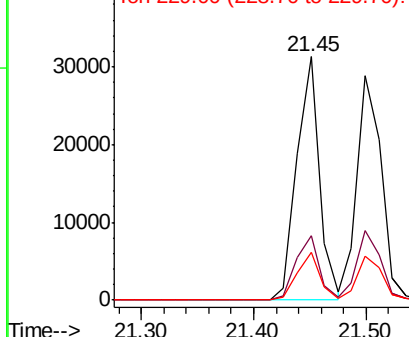
228 100

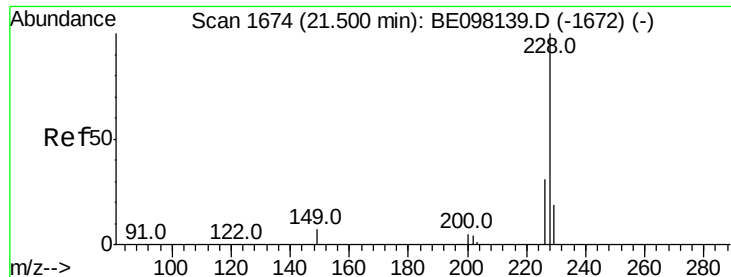
226 26.4 22.6 33.8

229 19.7 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: 1.552 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

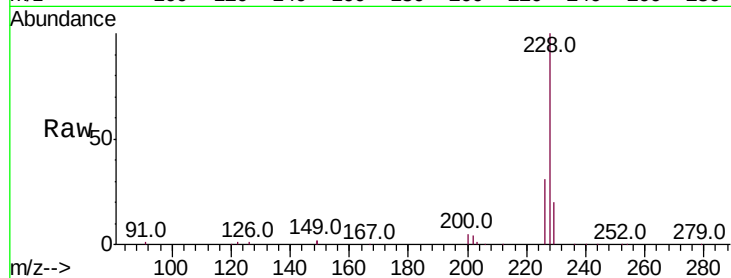
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 42927

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.6	17.3	25.9

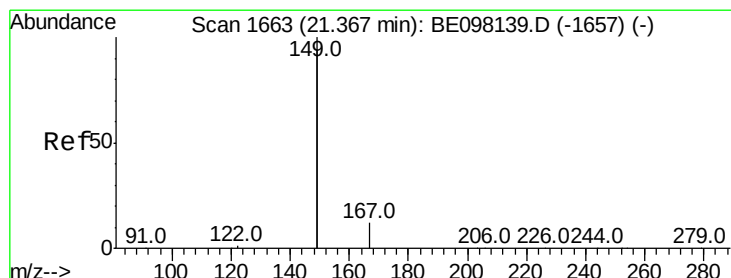
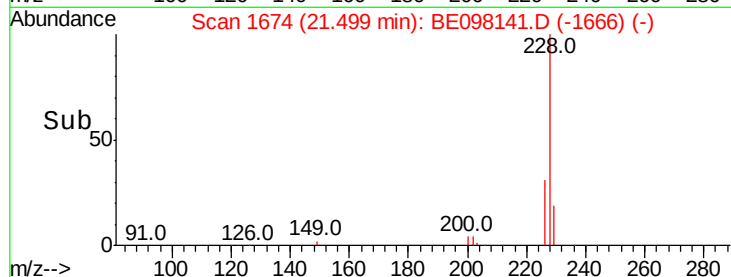
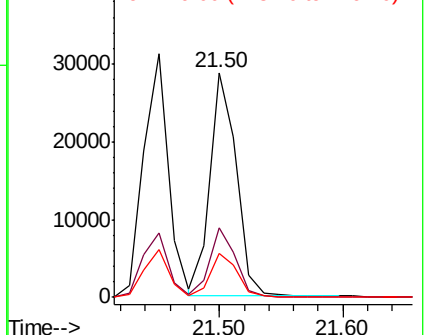


Abundance

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: 1.604 ng

RT: 21.37 min Scan# 1663

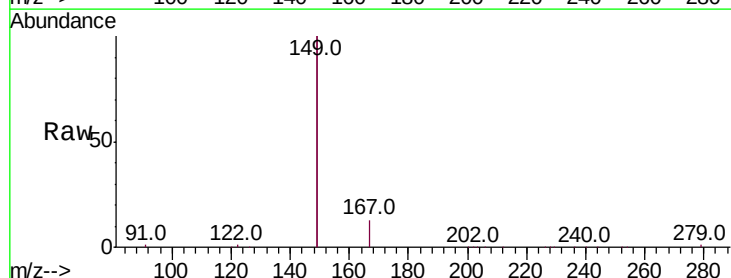
Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Tgt Ion:149 Resp: 108444

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.6	8.4
279	1.1	0.9	1.3

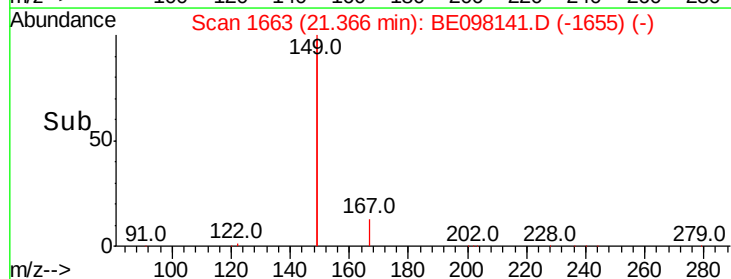
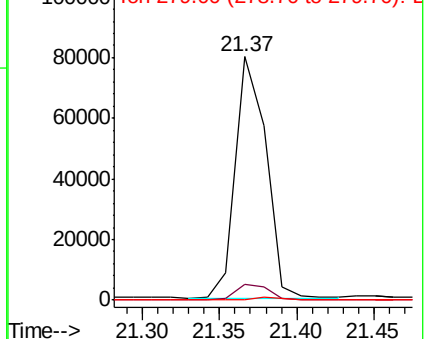


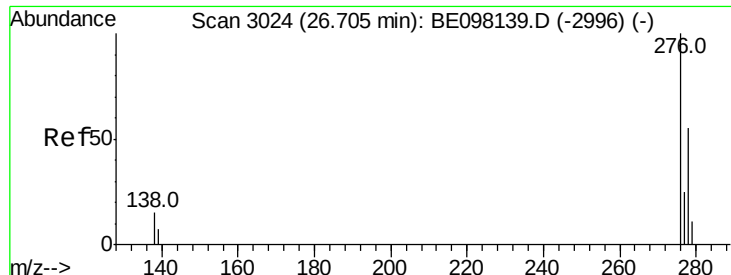
Abundance

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

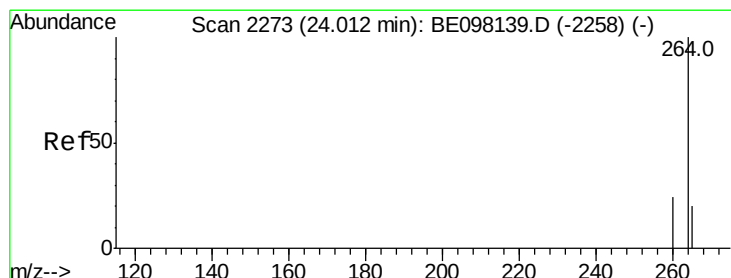
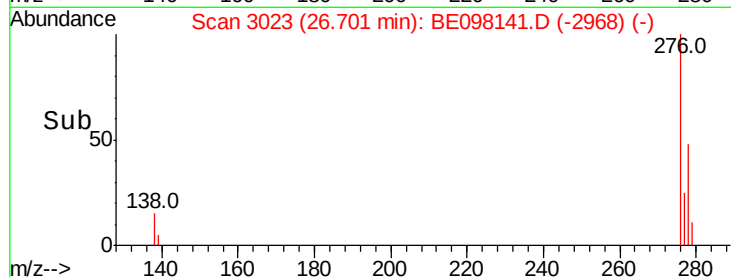
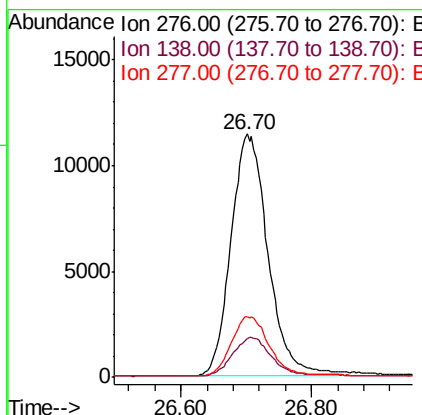
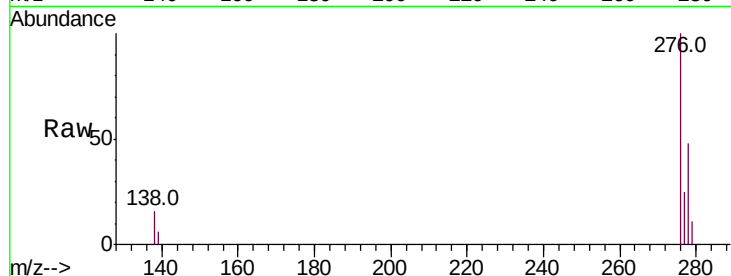




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.494 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: BE098141.D
 Acq: 1 Nov 2018 11:47

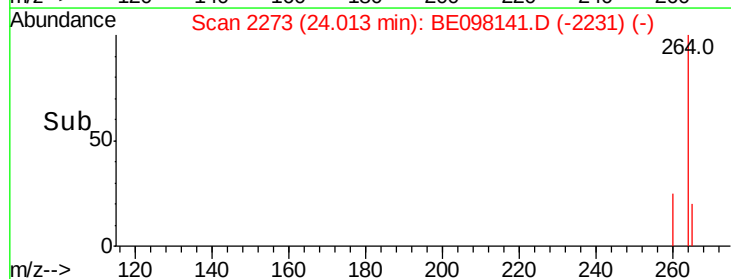
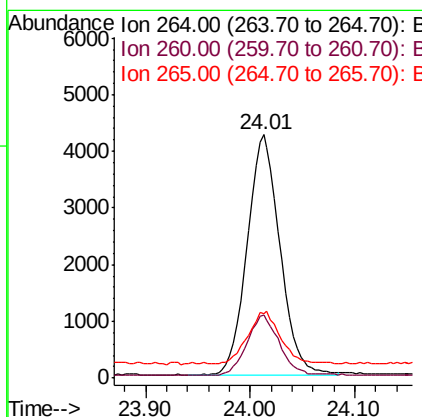
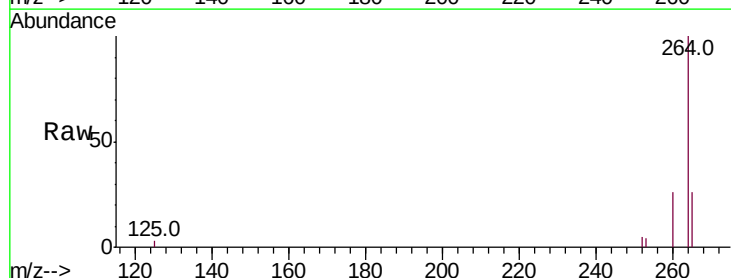
Instrument :
 BNA_E
 ClientSampleId :

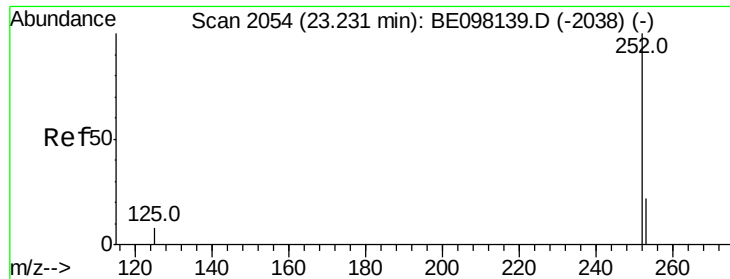
Tot Ion:276 Resp: 45141
 Ion Ratio Lower Upper
 276 100
 138 16.4 17.0 25.6#
 277 24.9 20.5 30.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BE098141.D
 Acq: 1 Nov 2018 11:47

Tgt Ion:264 Resp: 9252
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.1 31.7
 265 26.4 29.2 43.8#





#35

Benzo(b)fluoranthene

Concen: 1.561 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

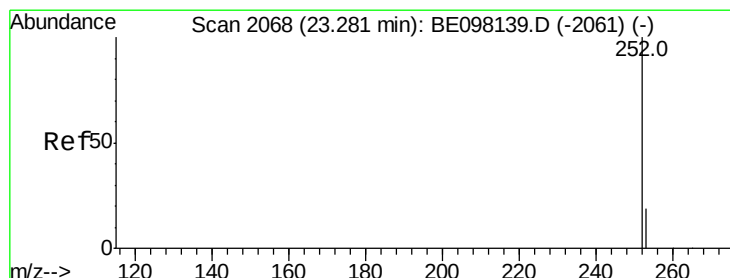
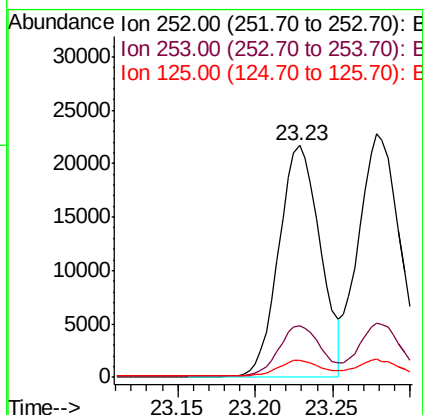
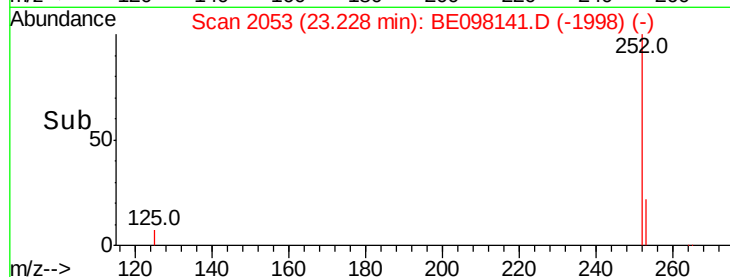
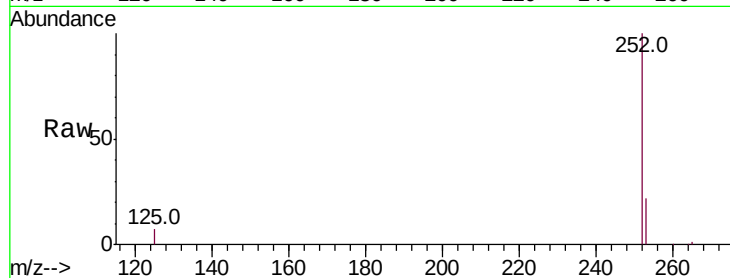
Tot Ion:252 Resp: 40103

Ion Ratio Lower Upper

252 100

253 22.4 20.6 31.0

125 7.3 14.3 21.5#



#36

Benzo(k)fluoranthene

Concen: 1.616 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

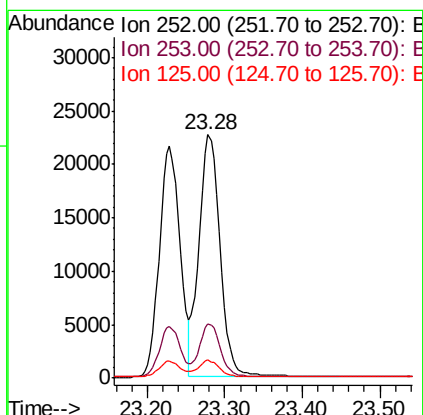
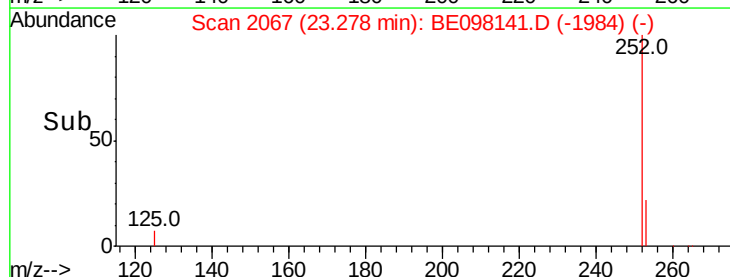
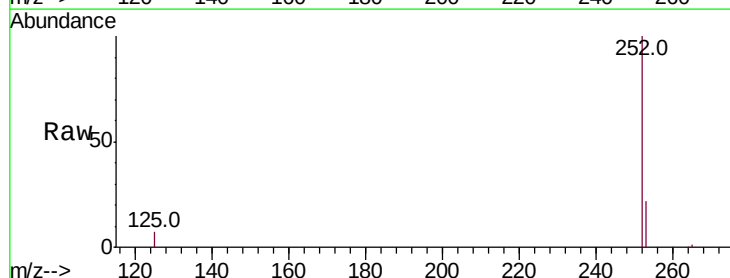
Tgt Ion:252 Resp: 43181

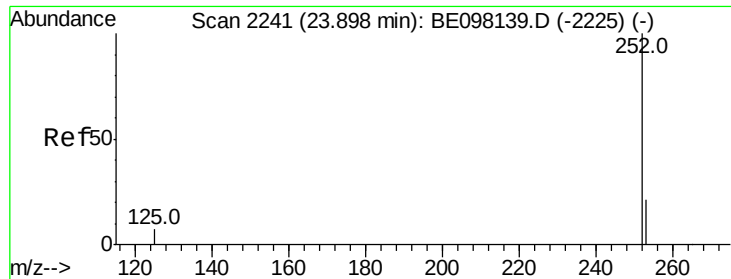
Ion Ratio Lower Upper

252 100

253 22.1 20.4 30.6

125 7.4 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 1.563 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :

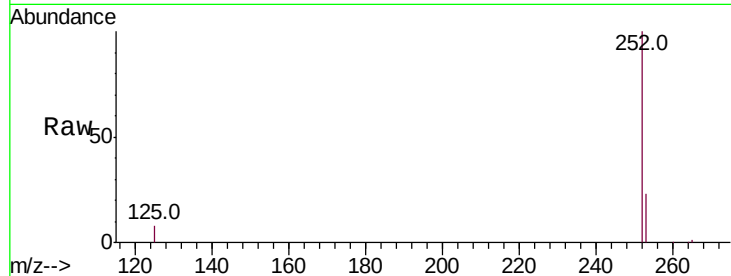
Tot Ion:252 Resp: 39471

Ion Ratio Lower Upper

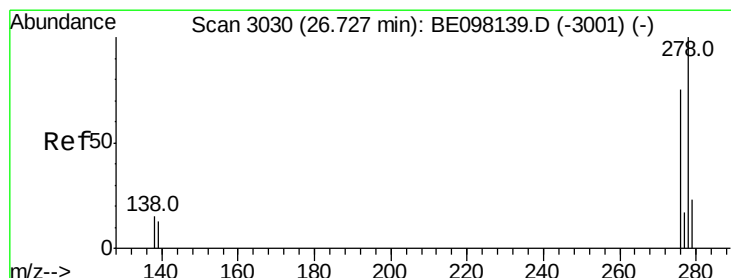
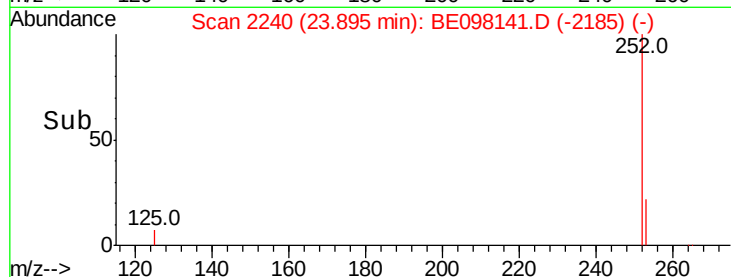
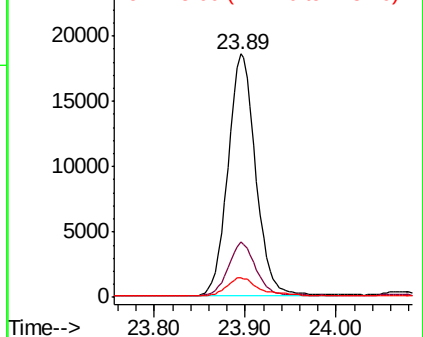
252 100

253 22.9 20.6 31.0

125 7.9 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: 1.561 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.00 min

Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

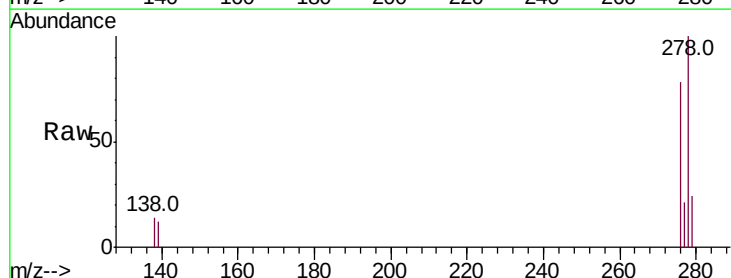
Tgt Ion:278 Resp: 38406

Ion Ratio Lower Upper

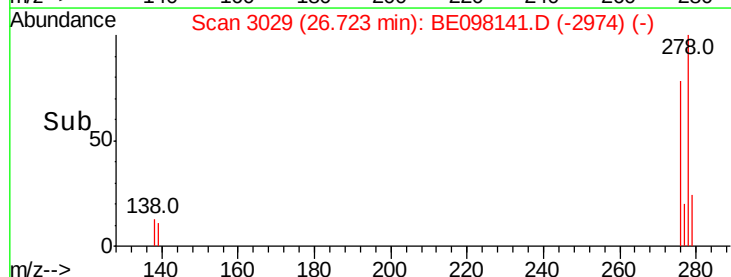
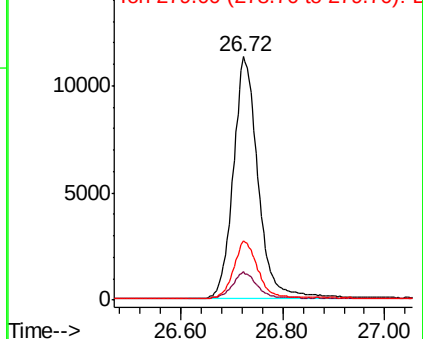
278 100

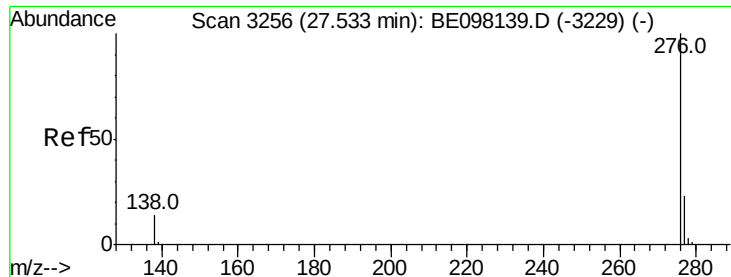
139 12.0 16.3 24.5#

279 24.2 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: 1.546 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.00 min

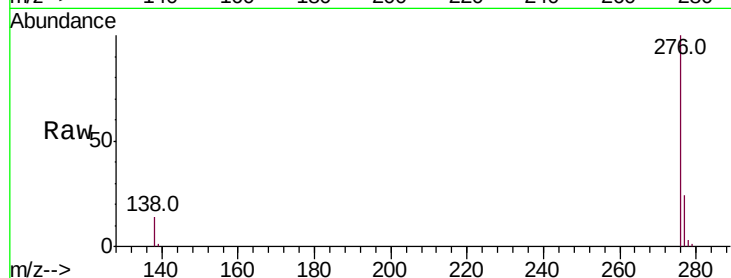
Lab File: BE098141.D

Acq: 1 Nov 2018 11:47

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 37728

Ion Ratio Lower Upper

276 100

277 24.2 22.1 33.1

138 14.3 19.3 28.9#

