

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
 Data File : BE098244.D
 Acq On : 19 Nov 2018 9:13
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 19 10:22:24 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 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1395	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6612	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	4122	0.40	ng	0.01
19) Phenanthrene-d10	17.28	188	9794	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11165	0.40	ng	0.00
34) Perylene-d12	24.02	264	10534	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1598	0.43	ng	0.00
5) Phenol-d6	7.04	99	2526	0.43	ng	0.00
8) Nitrobenzene-d5	9.03	82	2563	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4668	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	568	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	7103	0.40	ng	0.01
25) Fluoranthene-d10	19.31	212	50757	0.43	ng	0.00
29) Terphenyl-d14	19.91	244	10350	0.40	ng	0.00

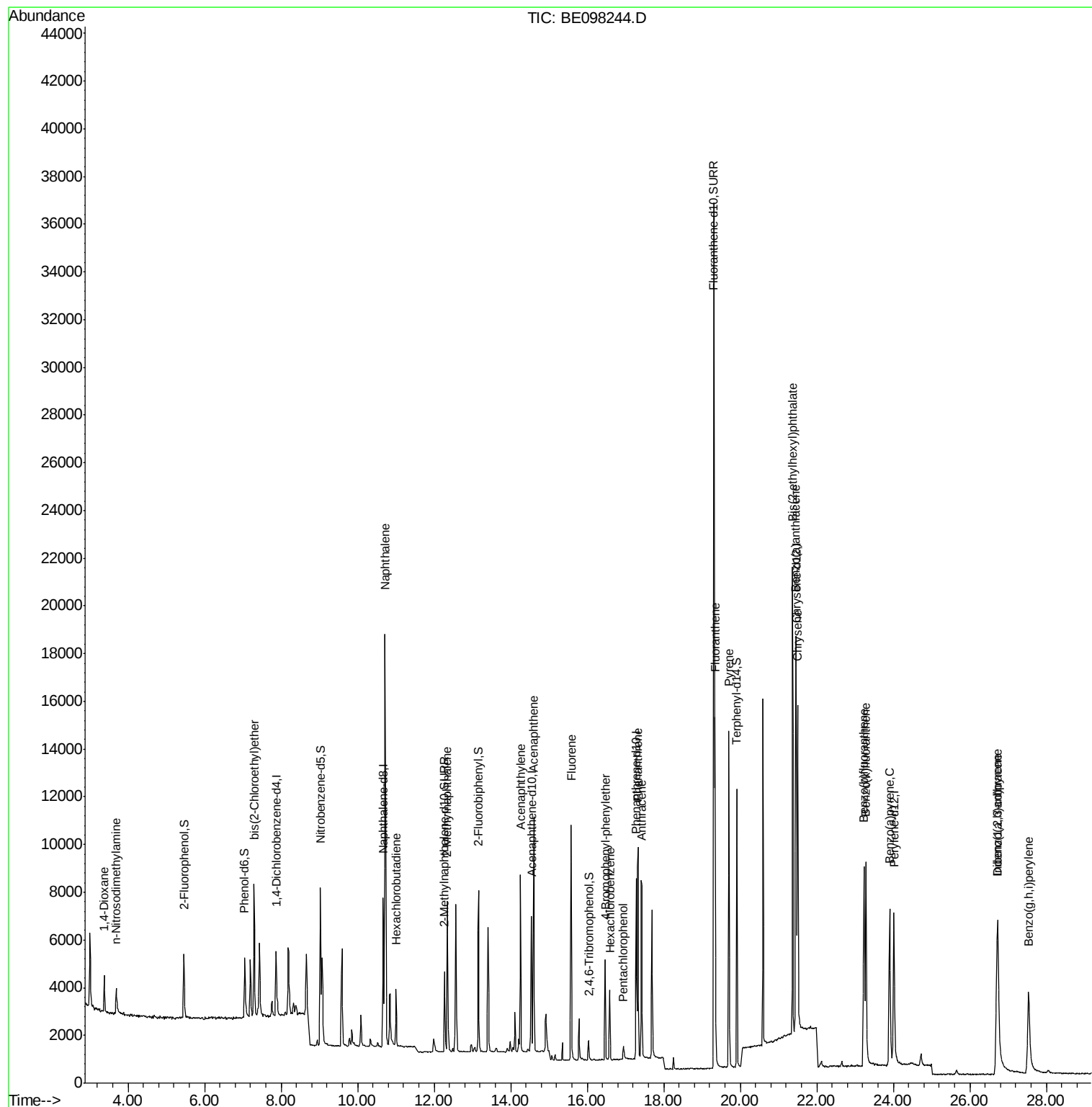
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	889	0.406	ng	97
3) n-Nitrosodimethylamine	3.69	42	1041	0.423	ng	# 96
6) bis(2-Chloroethyl)ether	7.29	93	2032	0.404	ng	95
9) Naphthalene	10.72	128	27860	0.414	ng	100
10) Hexachlorobutadiene	11.00	225	1581	0.400	ng	99
12) 2-Methylnaphthalene	12.34	142	4782	0.403	ng	98
16) Acenaphthylene	14.25	152	8136	0.415	ng	99
17) Acenaphthene	14.60	154	4943	0.422	ng	99
18) Fluorene	15.58	166	6309	0.422	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	2460	0.406	ng	# 73
21) Hexachlorobenzene	16.59	284	2557	0.409	ng	98
22) Pentachlorophenol	16.94	266	438	0.459	ng	98
23) Phenanthrene	17.33	178	10553	0.419	ng	99
24) Anthracene	17.42	178	9290	0.406	ng	99
26) Fluoranthene	19.34	202	12709	0.420	ng	98
28) Pyrene	19.71	202	13214	0.405	ng	99
30) Benzo(a)anthracene	21.45	228	13169	0.408	ng	99
31) Chrysene	21.50	228	13673	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	23622	0.469	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	12170	0.428	ng	# 91
35) Benzo(b)fluoranthene	23.23	252	12232	0.411	ng	99
36) Benzo(k)fluoranthene	23.28	252	13617	0.405	ng	99
37) Benzo(a)pyrene	23.90	252	12019	0.411	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	9603	0.410	ng	97
39) Benzo(g,h,i)perylene	27.54	276	10680	0.424	ng	97

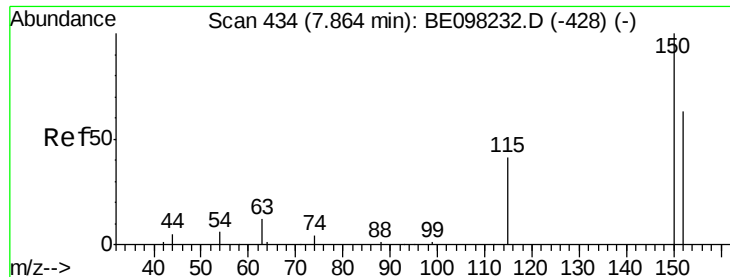
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
Data File : BE098244.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 19 10:22:24 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 19:05:33 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

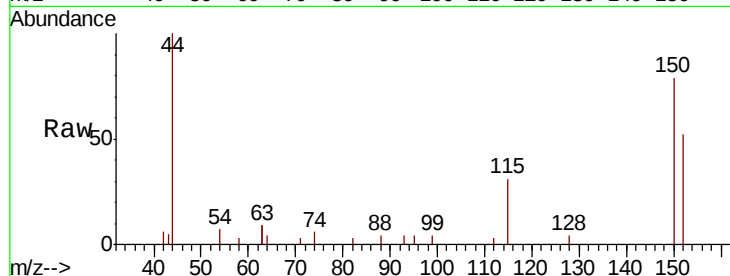
Tot Ion:152 Resp: 1395

Ion Ratio Lower Upper

152 100

150 151.4 127.5 191.3

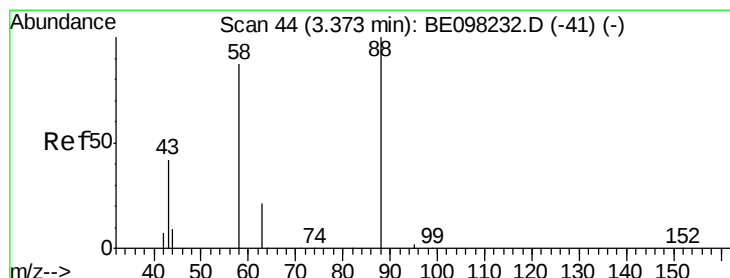
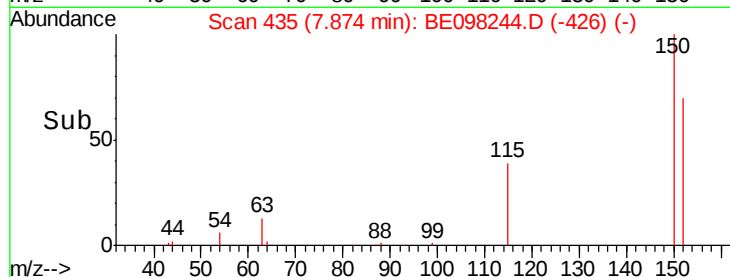
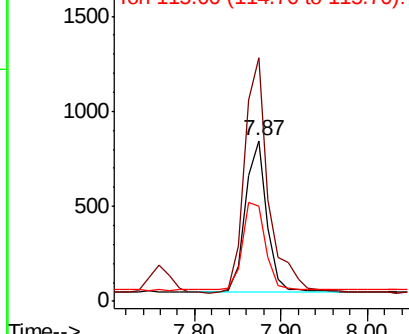
115 59.1 60.3 90.5#



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: 0.406 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

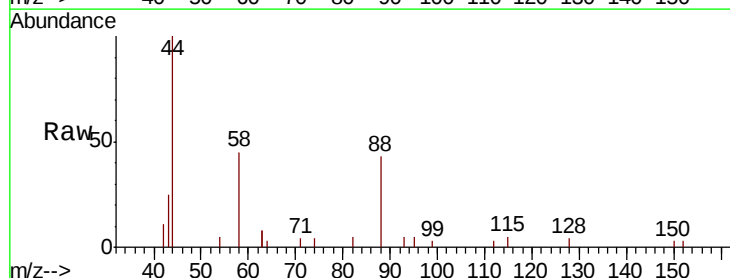
Tgt Ion: 88 Resp: 889

Ion Ratio Lower Upper

88 100

58 96.0 79.0 118.4

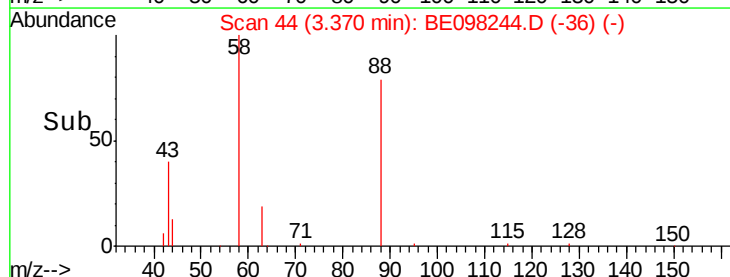
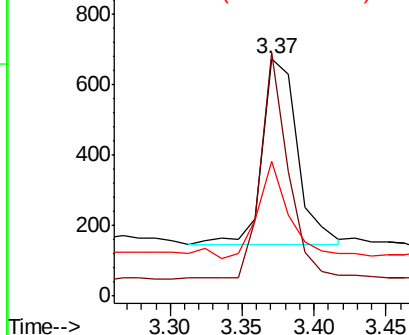
43 46.2 38.1 57.1

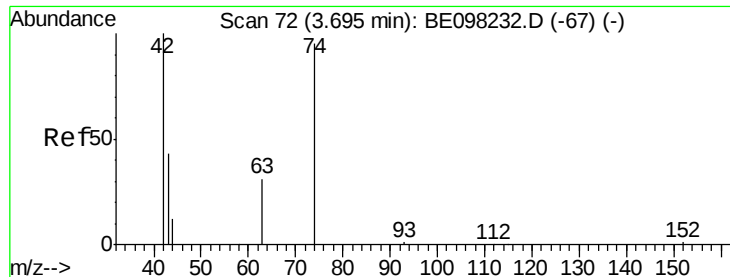


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



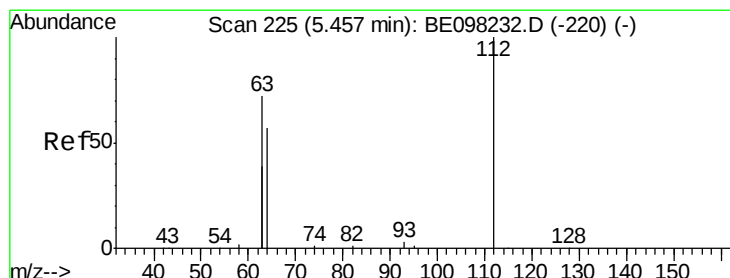
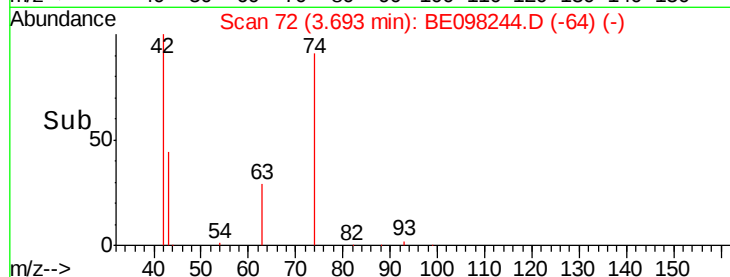
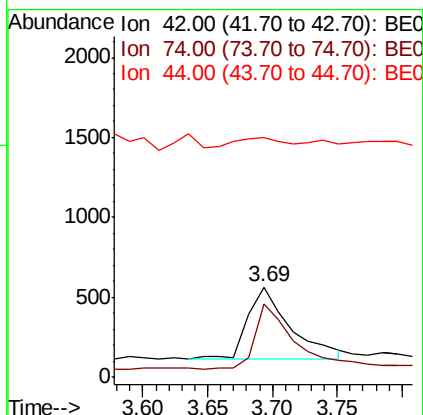
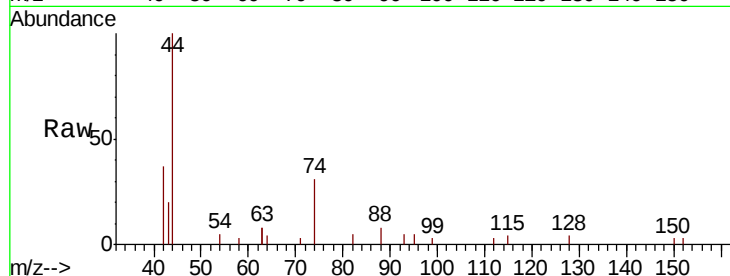


#3

n-Nitrosodimethylamine
Concen: 0.423 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Instrument :
BNA_E
ClientSampleId :

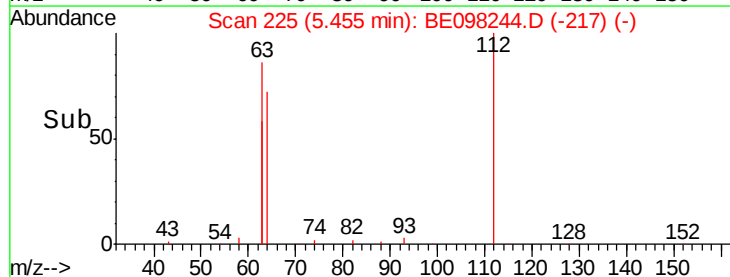
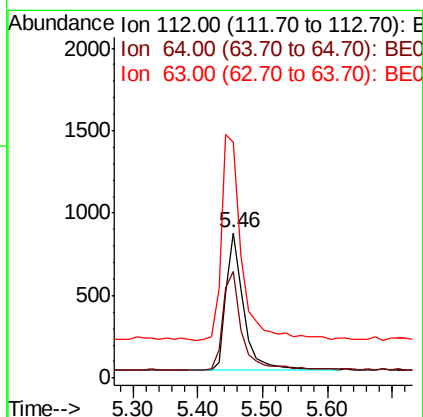
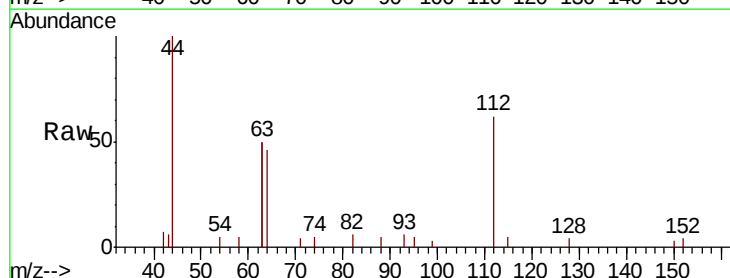
Tot Ion: 42 Resp: 1041
Ion Ratio Lower Upper
42 100
74 79.1 61.7 92.5
44 12.0 14.0 21.0#

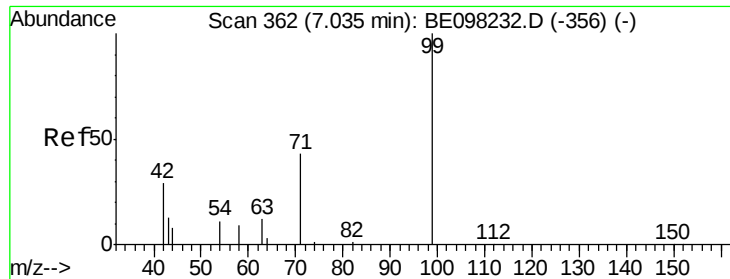


#4

2-Fluorophenol
Concen: 0.427 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion: 112 Resp: 1598
Ion Ratio Lower Upper
112 100
64 77.6 61.7 92.5
63 169.4 136.2 204.2





#5

Phenol-d6

Concen: 0.430 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

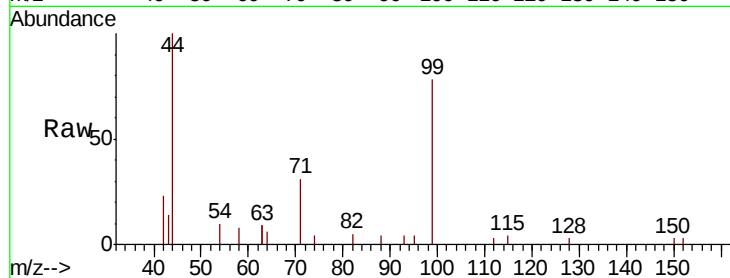
Tot Ion: 99 Resp: 2526

Ion Ratio Lower Upper

99 100

42 30.1 27.1 40.7

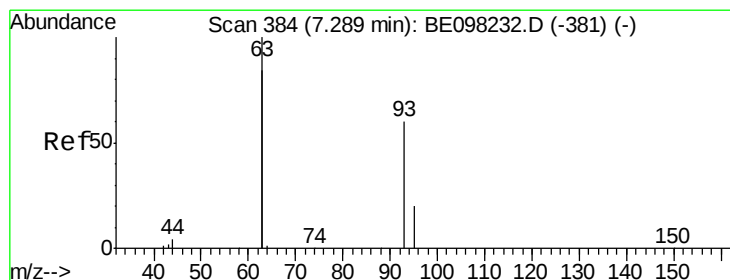
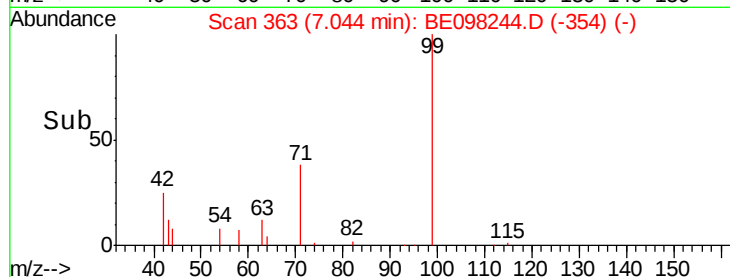
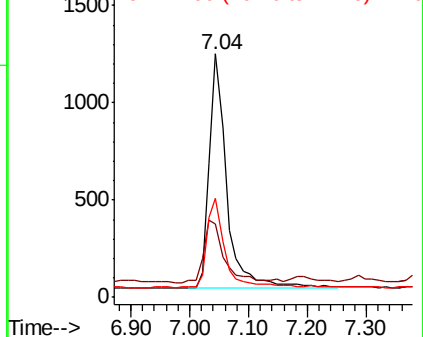
71 40.0 37.0 55.6



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: 0.404 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

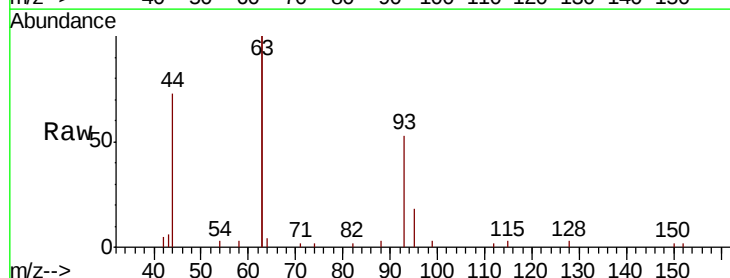
Tgt Ion: 93 Resp: 2032

Ion Ratio Lower Upper

93 100

63 329.4 272.6 409.0

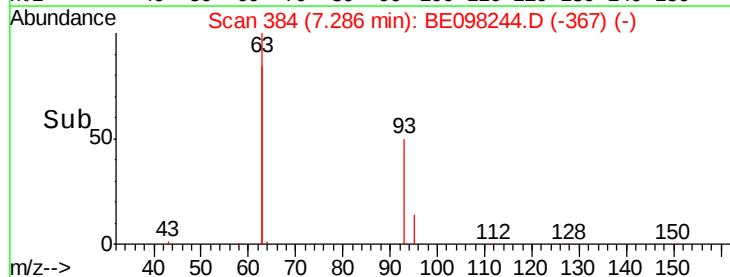
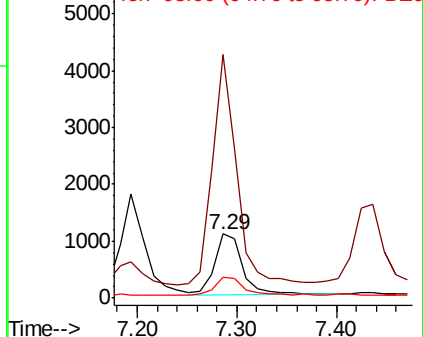
95 30.7 27.1 40.7

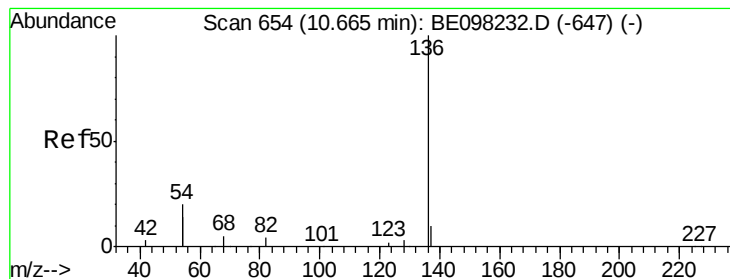


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6612

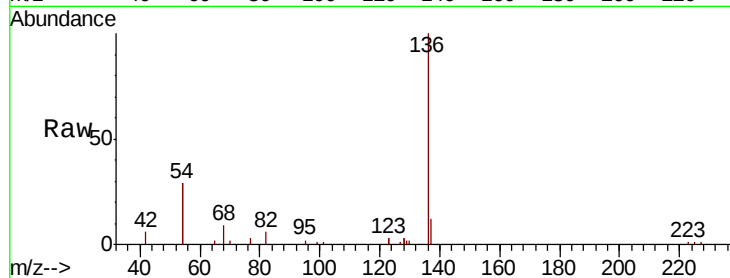
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 57.1 31.3 46.9#

68 9.5 4.8 7.2#

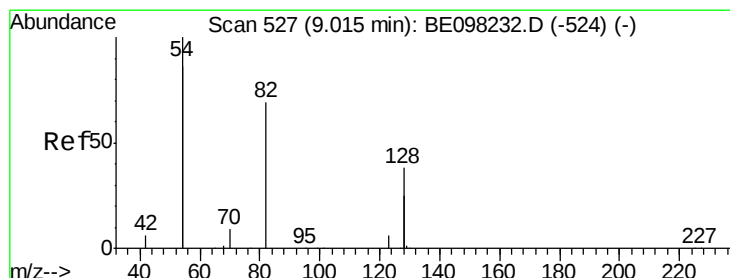
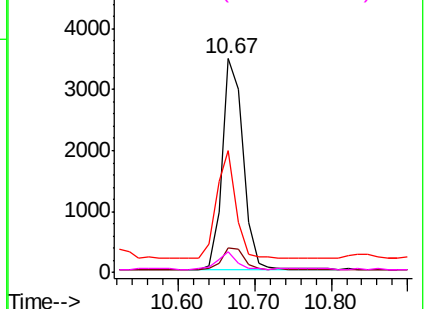
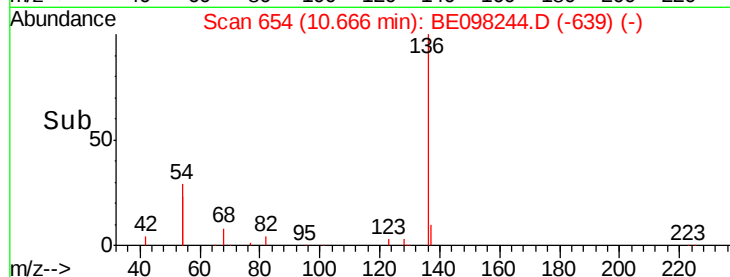


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

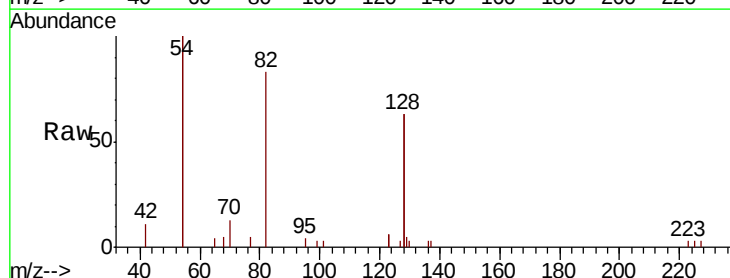
Tgt Ion: 82 Resp: 2563

Ion Ratio Lower Upper

82 100

128 153.0 96.1 144.1#

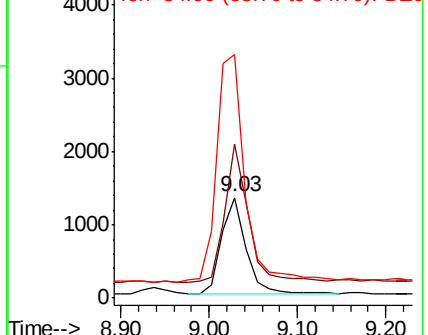
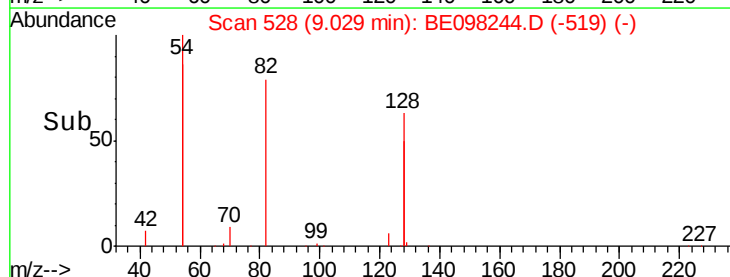
54 241.8 232.0 348.0

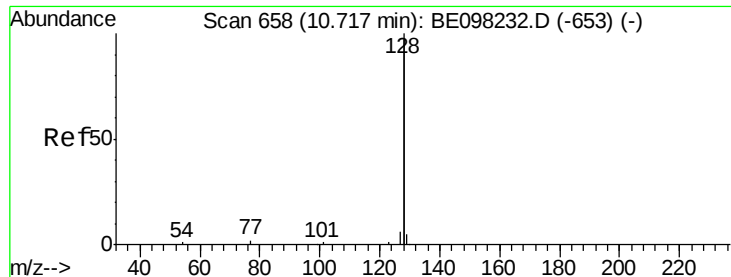


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.414 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

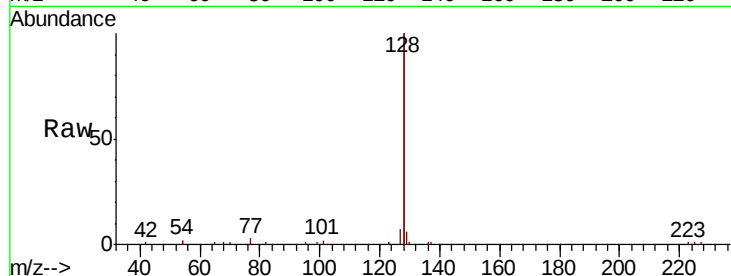
Tot Ion:128 Resp: 27860

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

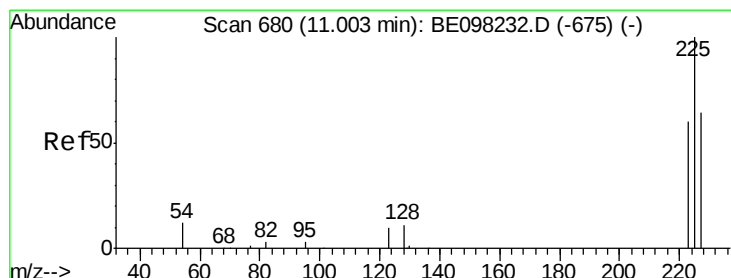
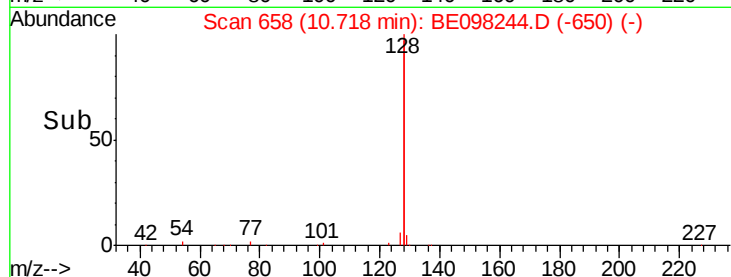
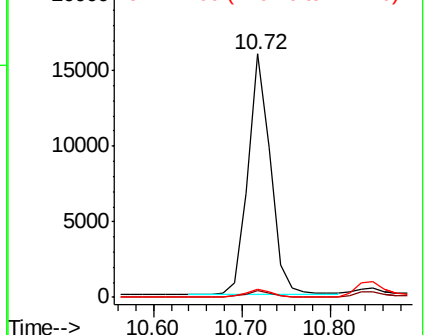
127 3.5 2.8 4.2



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: 0.400 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

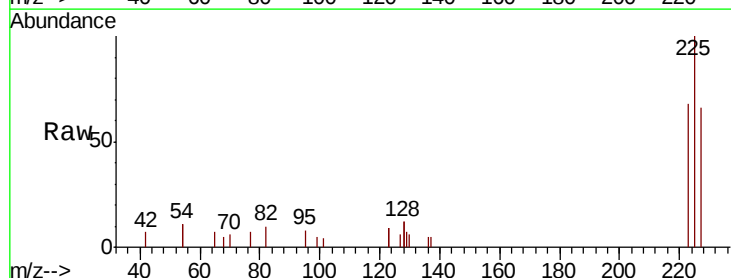
Tgt Ion:225 Resp: 1581

Ion Ratio Lower Upper

225 100

223 63.0 50.5 75.7

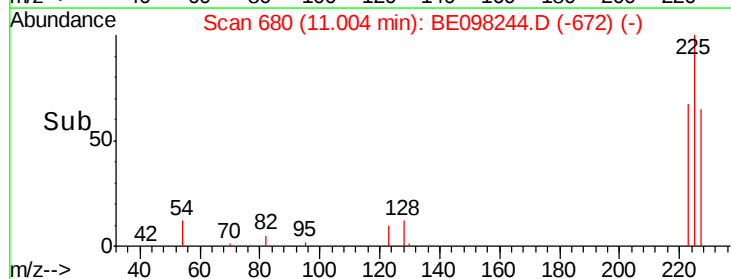
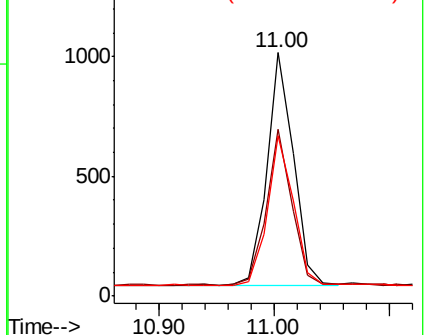
227 63.8 50.3 75.5

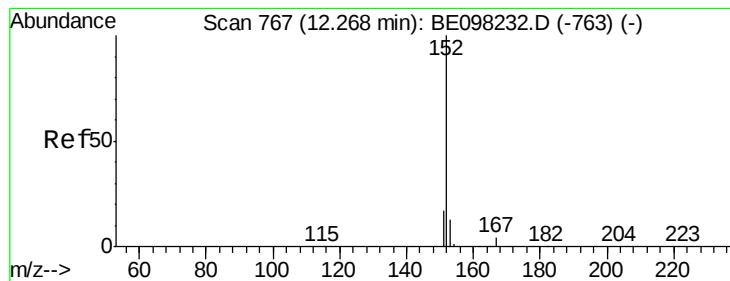


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

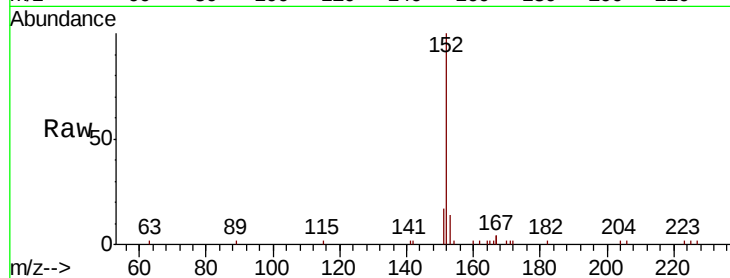
ClientSampled :

Tot Ion:152 Resp: 4668

Ion Ratio Lower Upper

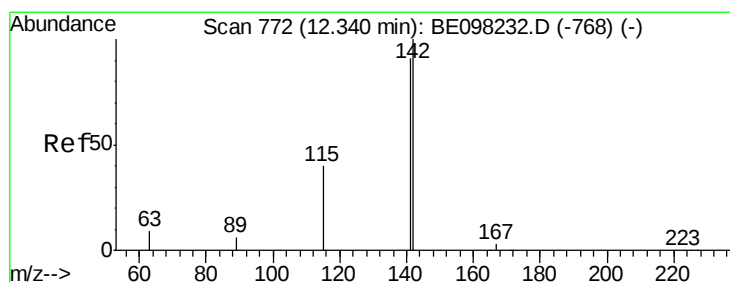
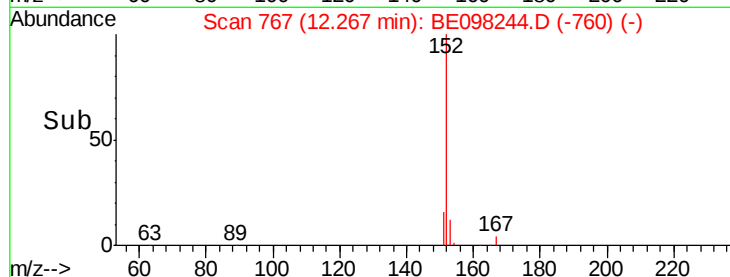
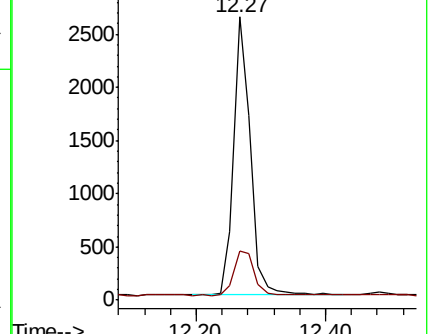
152 100

151 19.6 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: 0.403 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

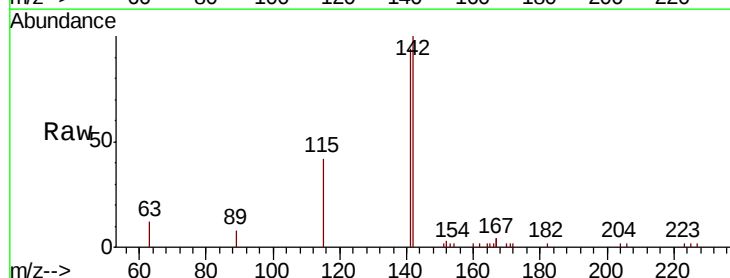
Tgt Ion:142 Resp: 4782

Ion Ratio Lower Upper

142 100

141 93.7 76.3 114.5

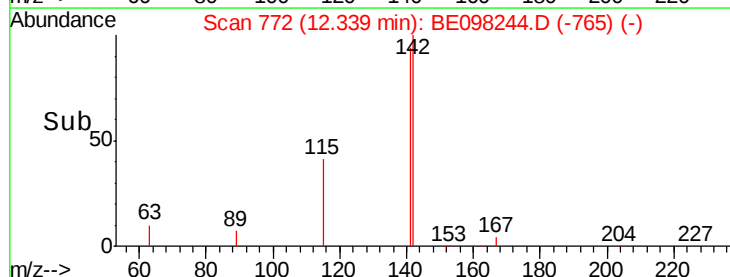
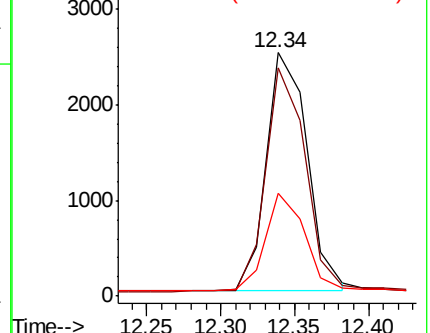
115 42.3 35.8 53.8

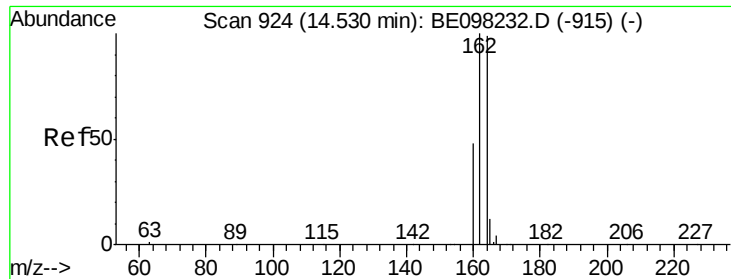


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

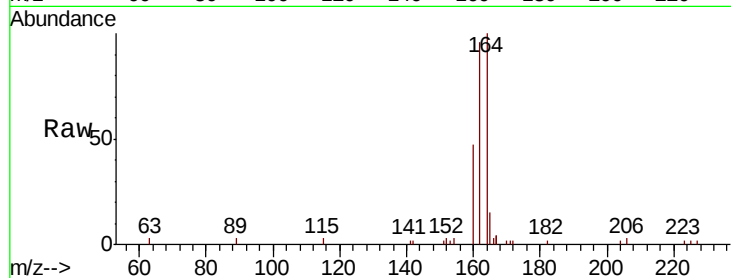




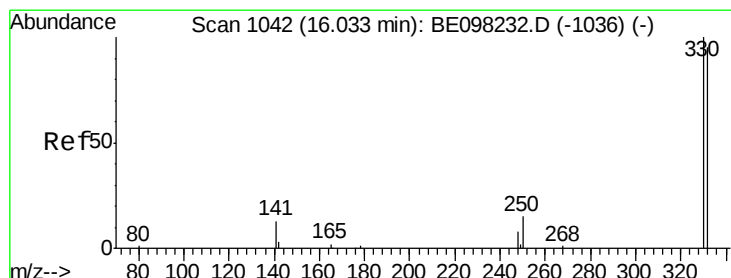
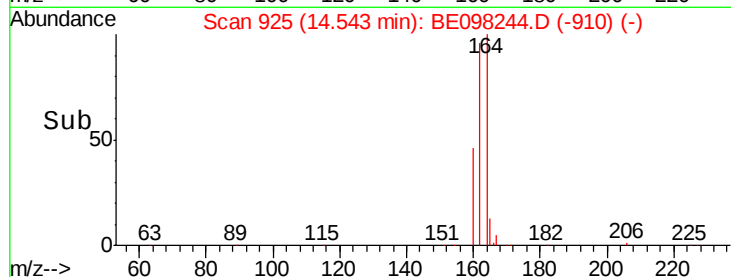
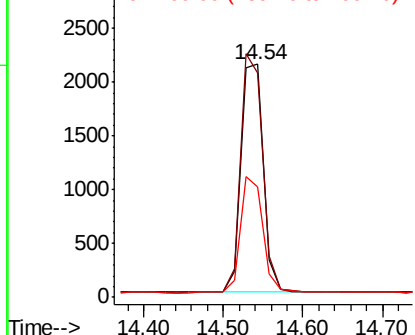
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4122
Ion Ratio Lower Upper
164 100
162 96.1 81.8 122.6
160 47.4 39.4 59.0

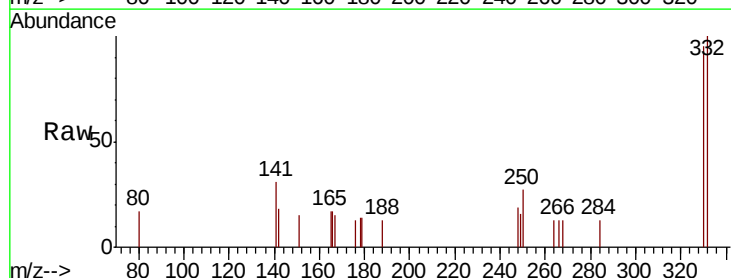


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

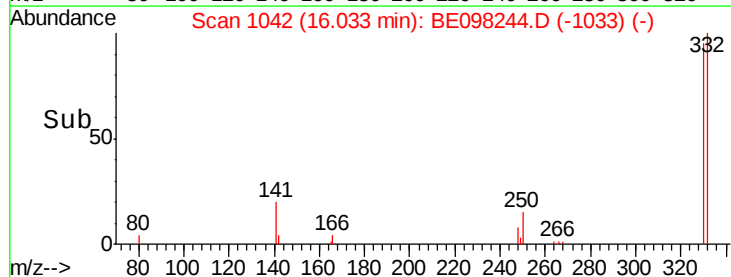
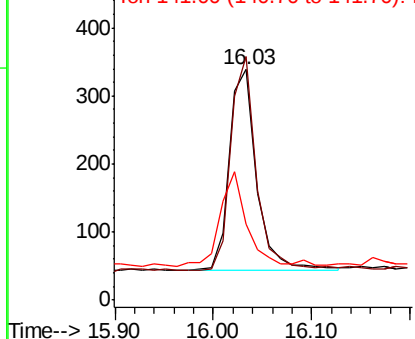


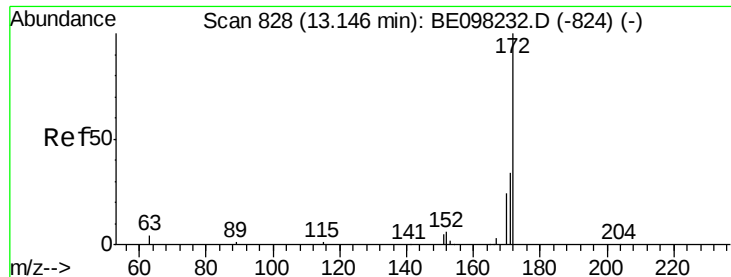
#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:330 Resp: 568
Ion Ratio Lower Upper
330 100
332 102.1 77.7 116.5
141 44.0 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: 0.396 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampled :

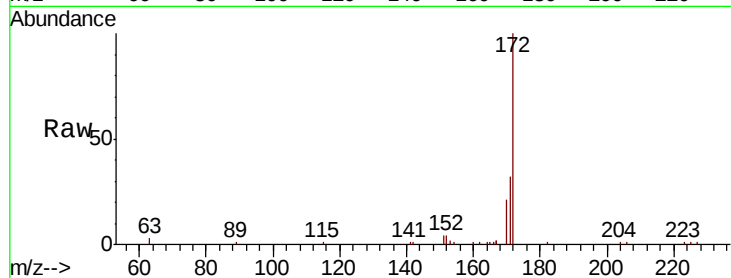
Tot Ion:172 Resp: 7103

Ion Ratio Lower Upper

172 100

171 32.1 27.3 40.9

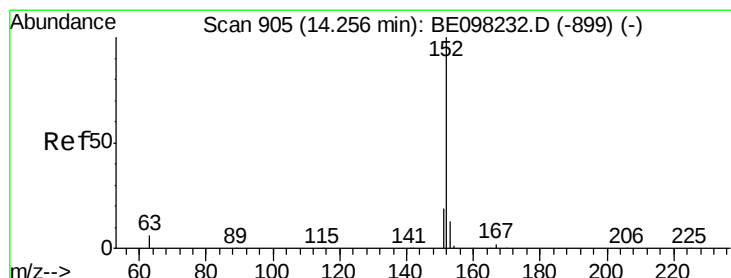
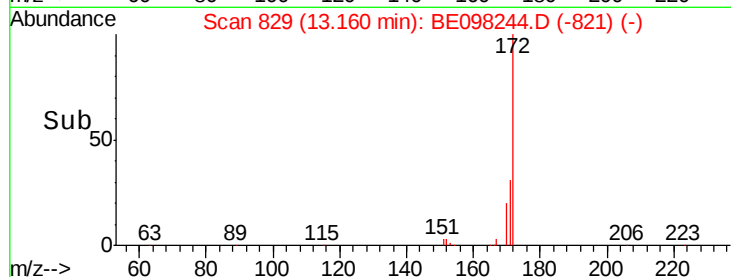
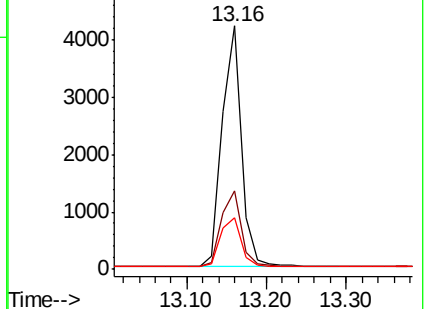
170 21.2 19.4 29.0



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: 0.415 ng

RT: 14.25 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

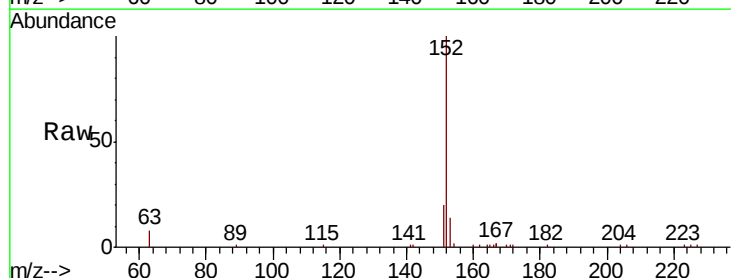
Tgt Ion:152 Resp: 8136

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

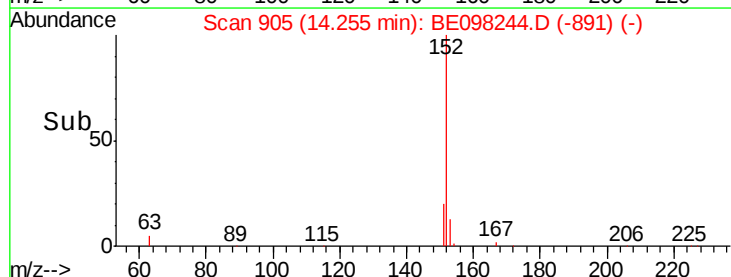
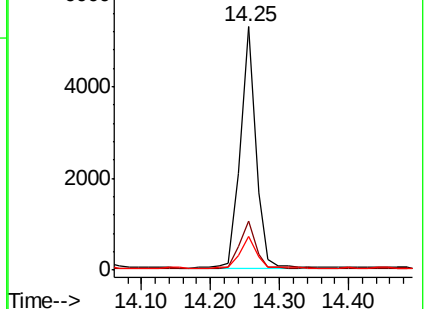
153 13.4 10.6 15.8

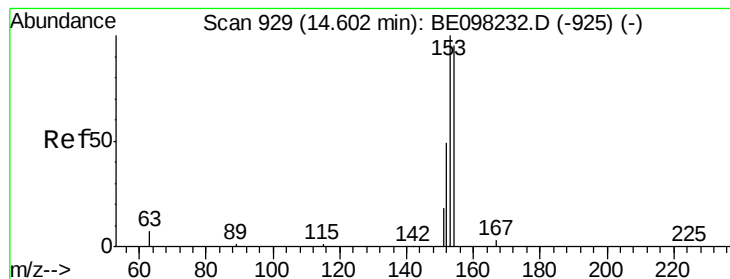


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.422 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

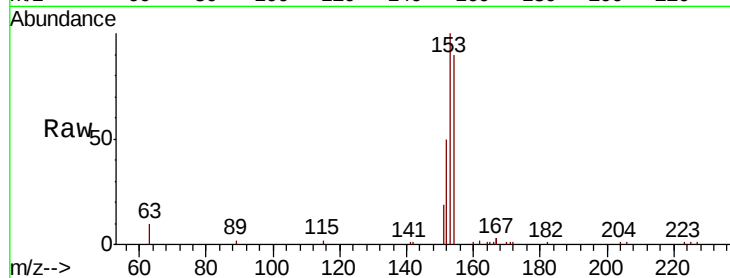
Tot Ion:154 Resp: 4943

Ion Ratio Lower Upper

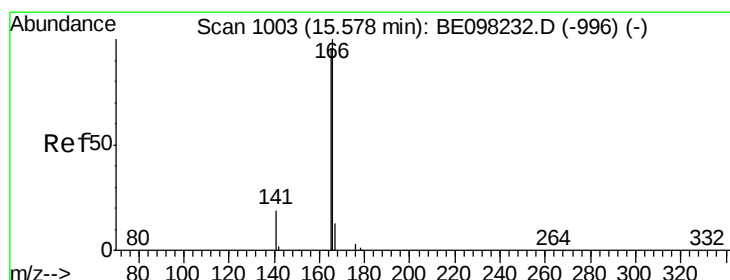
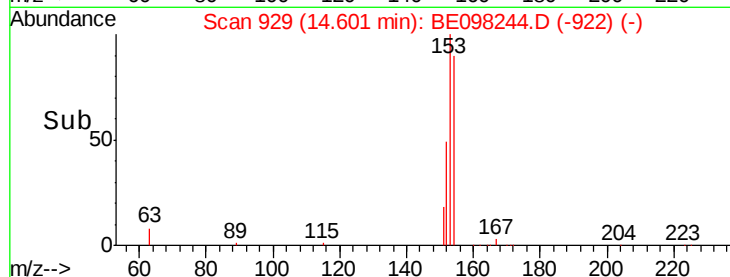
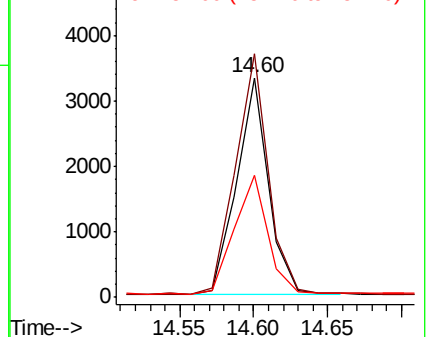
154 100

153 113.6 92.1 138.1

152 57.4 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: 0.422 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

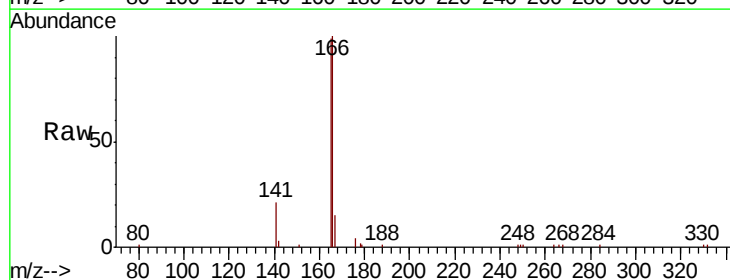
Tgt Ion:166 Resp: 6309

Ion Ratio Lower Upper

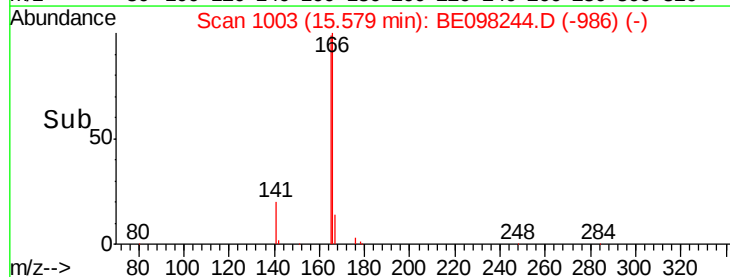
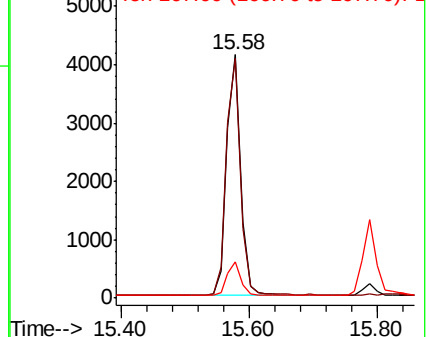
166 100

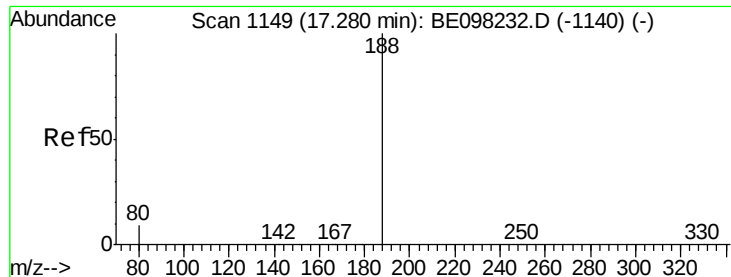
165 99.4 80.1 120.1

167 13.5 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: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

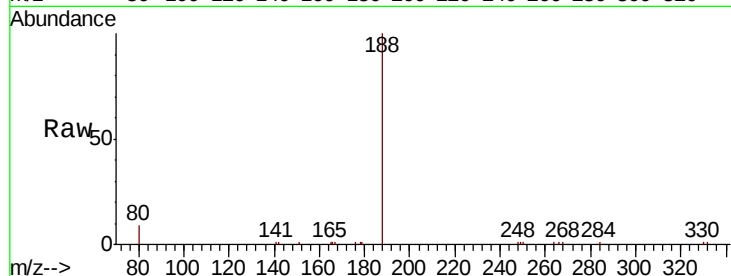
Tot Ion:188 Resp: 9794

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

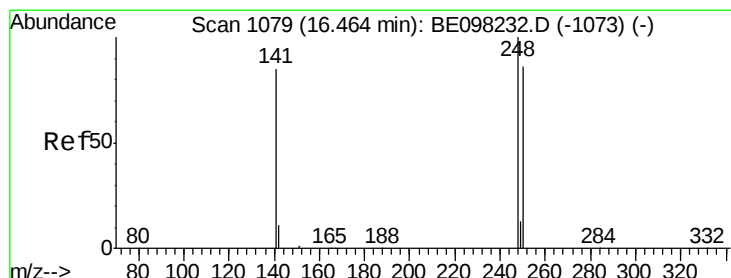
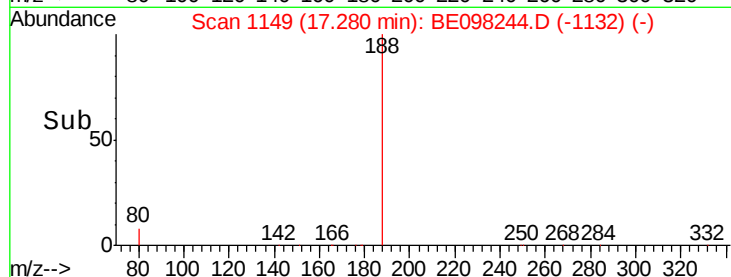
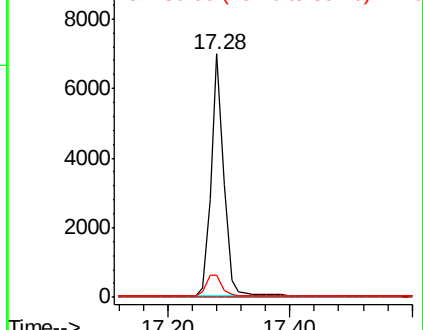
80 8.9 6.7 10.1



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



#20

4-Bromophenyl-phenylether

Concen: 0.406 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

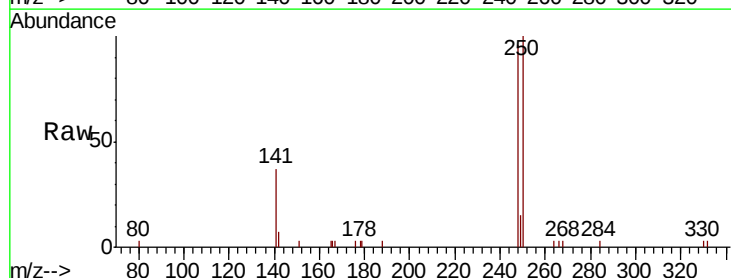
Tgt Ion:248 Resp: 2460

Ion Ratio Lower Upper

248 100

250 104.4 77.6 116.4

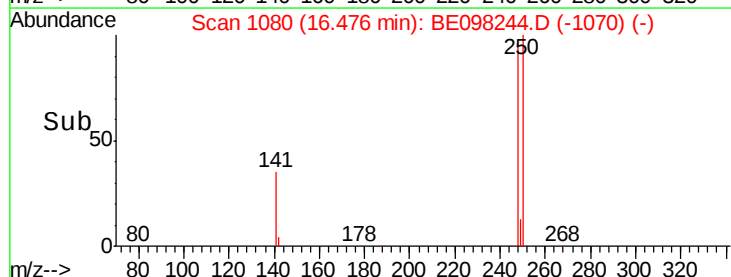
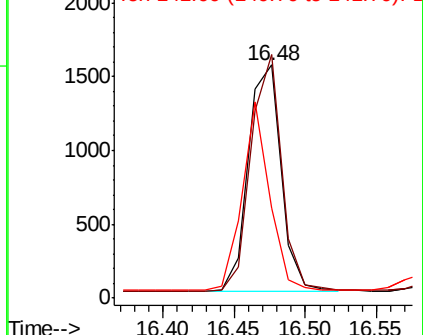
141 38.5 65.8 98.8#

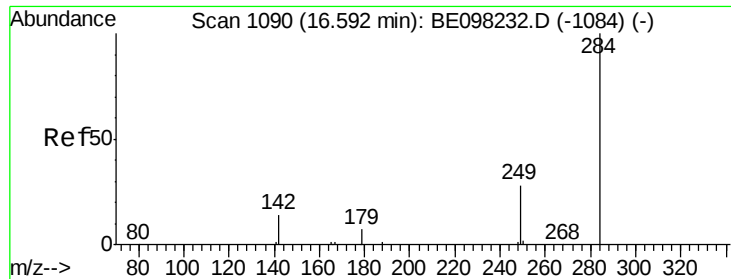


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

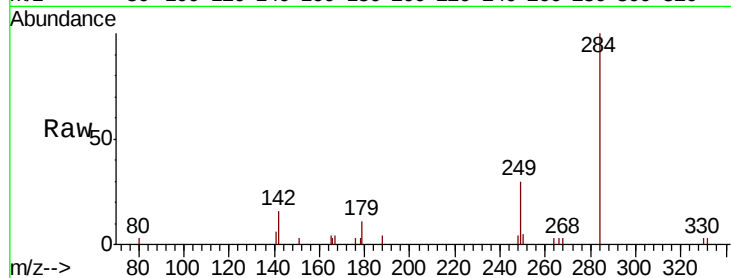




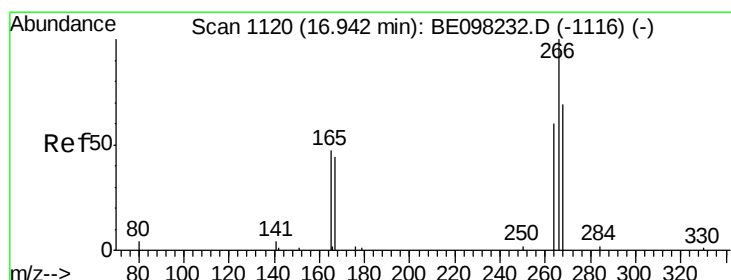
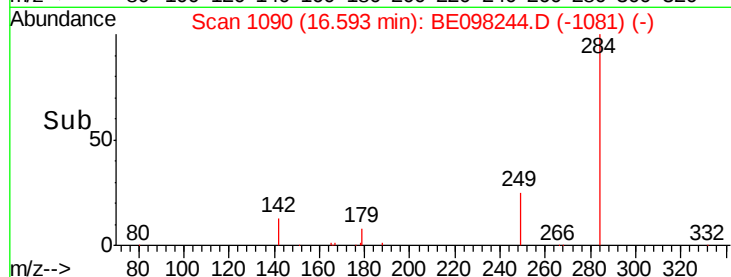
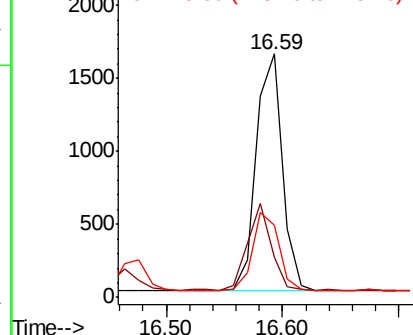
#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.5	39.7
249	33.3	28.4	42.6

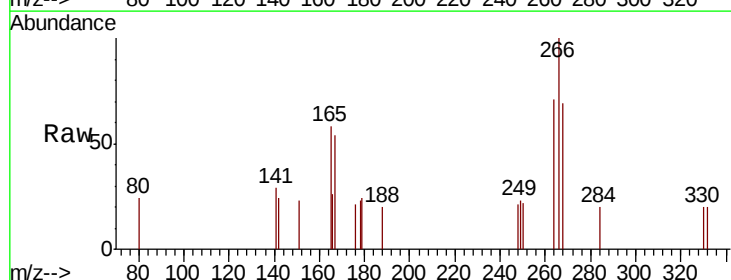


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

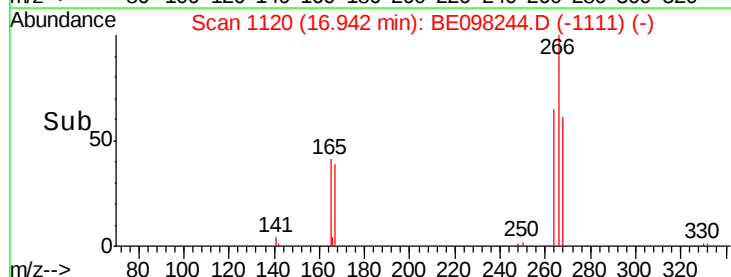
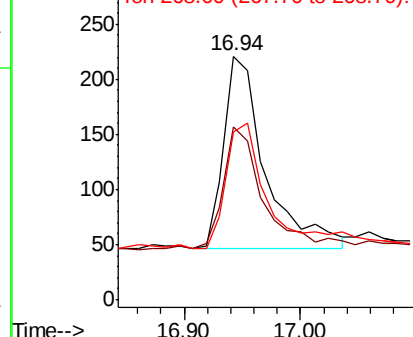


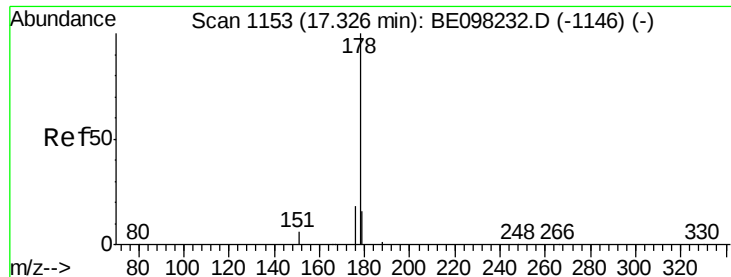
#22
Pentachlorophenol
Concen: 0.459 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	71.0	57.6	86.4
268	68.8	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: 0.419 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

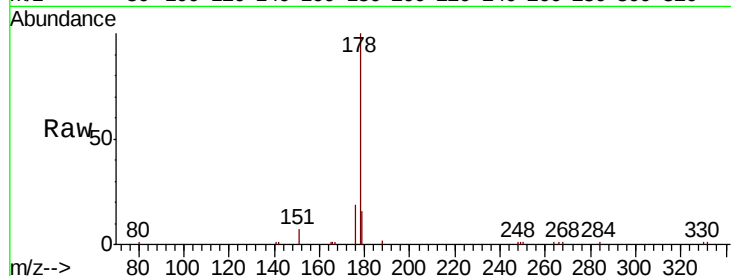
Tot Ion:178 Resp: 10553

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

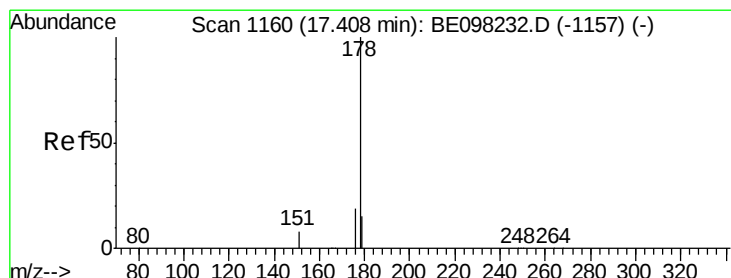
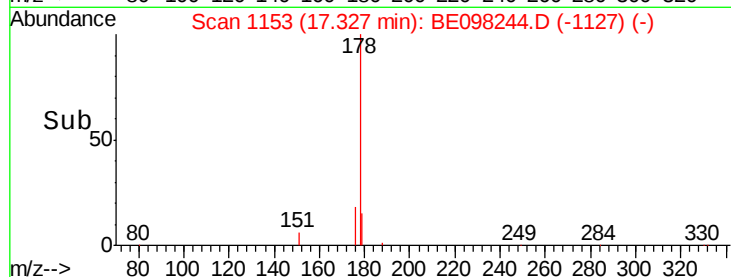
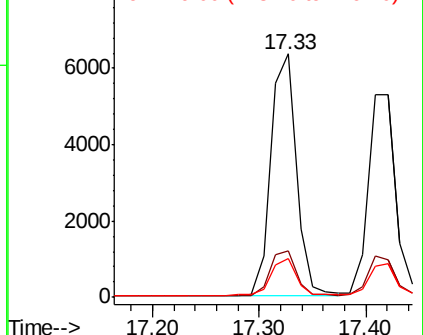
179 14.9 12.3 18.5



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: 0.406 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

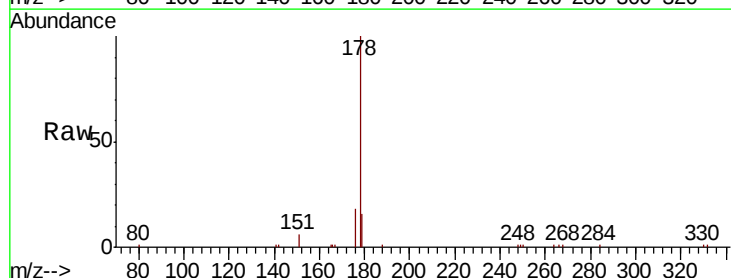
Tgt Ion:178 Resp: 9290

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

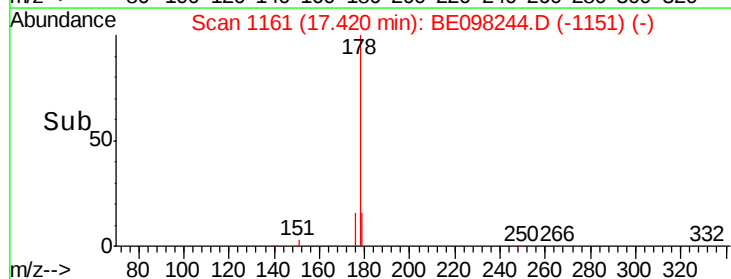
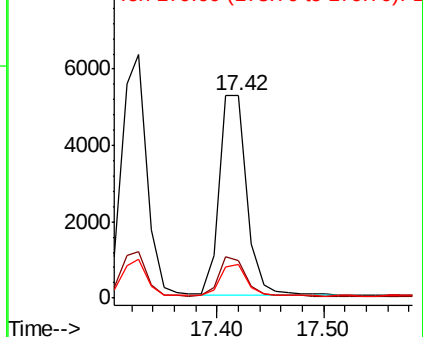
179 15.4 12.1 18.1

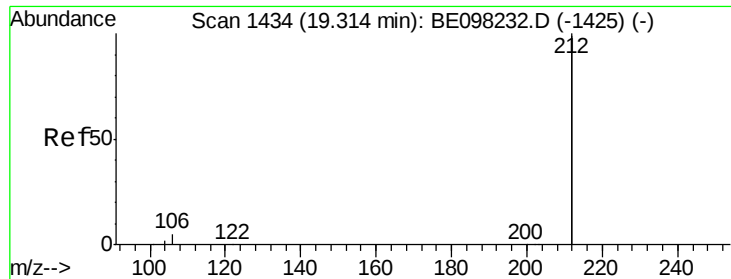


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

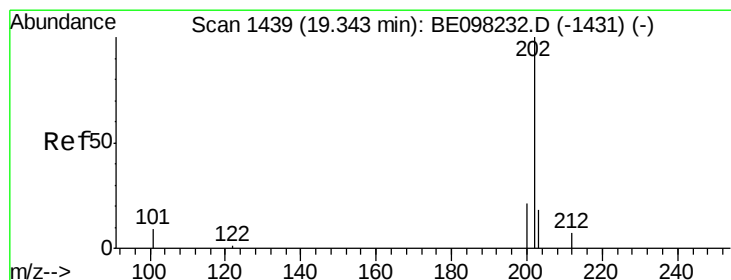
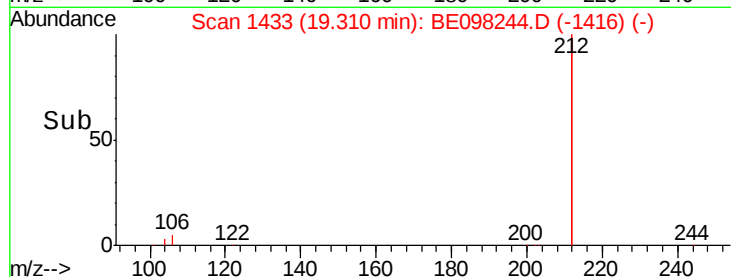
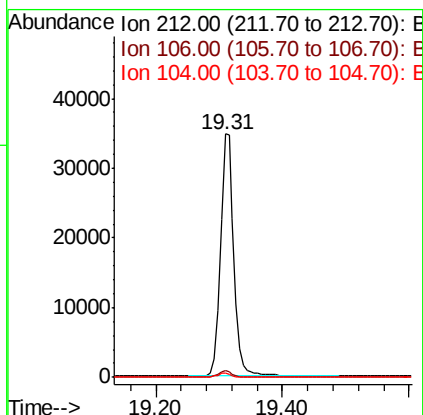
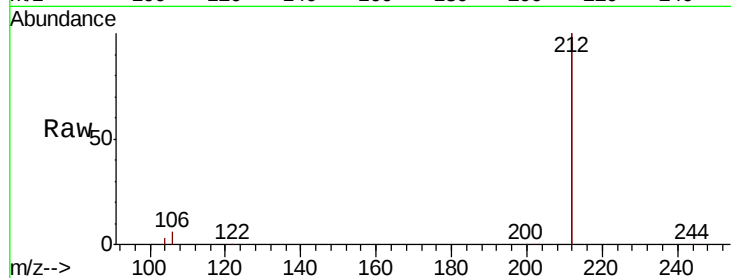




#25
 Fluoranthene-d10
 Concen: 0.426 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE098244.D
 Acq: 19 Nov 2018 9:13

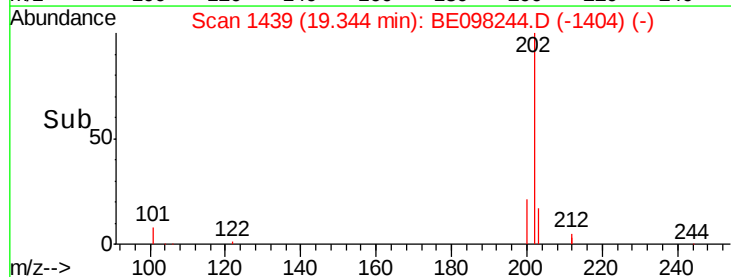
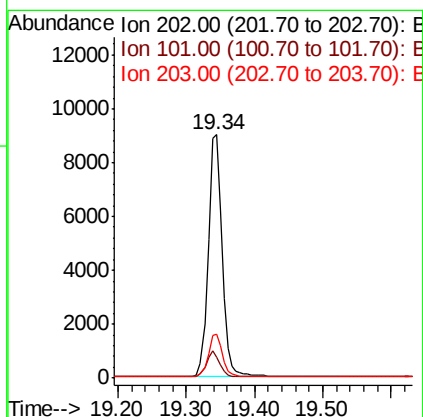
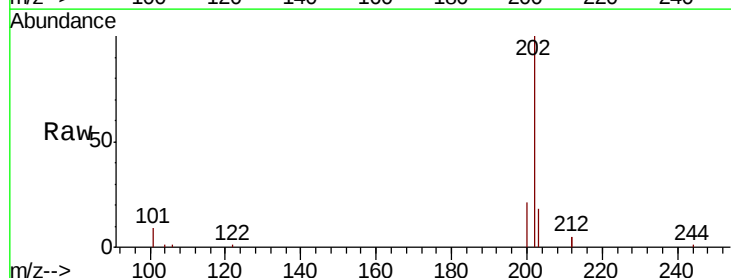
Instrument :
 BNA_E
 ClientSampleId :

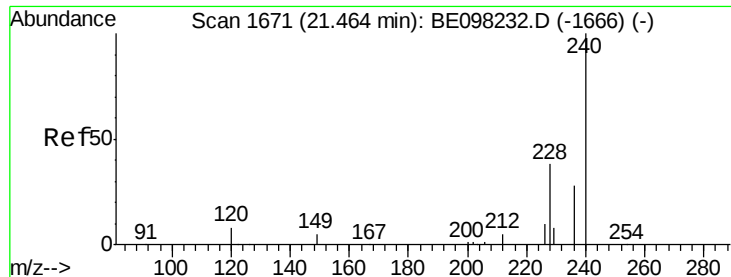
Tot Ion:212 Resp: 50757
 Ion Ratio Lower Upper
 212 100
 106 2.7 1.8 2.8
 104 1.5 1.1 1.7



#26
 Fluoranthene
 Concen: 0.420 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE098244.D
 Acq: 19 Nov 2018 9:13

Tgt Ion:202 Resp: 12709
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.0 10.6
 203 17.4 13.7 20.5

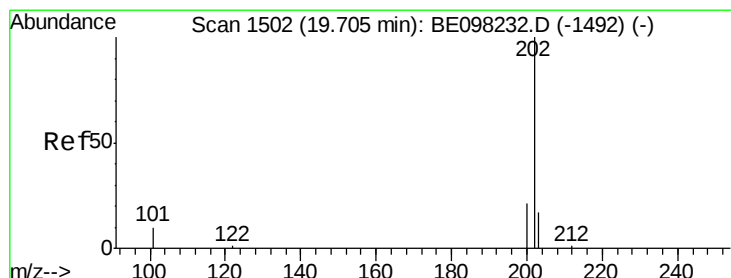
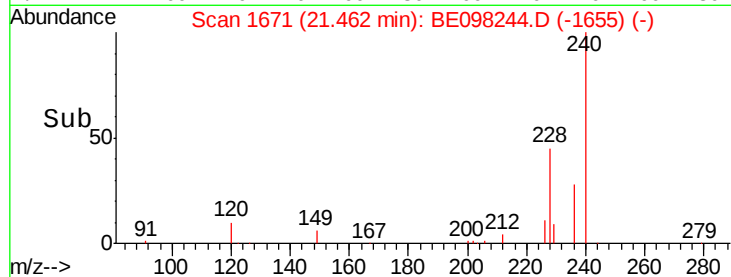
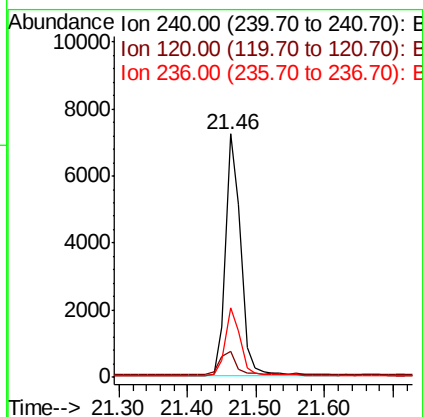
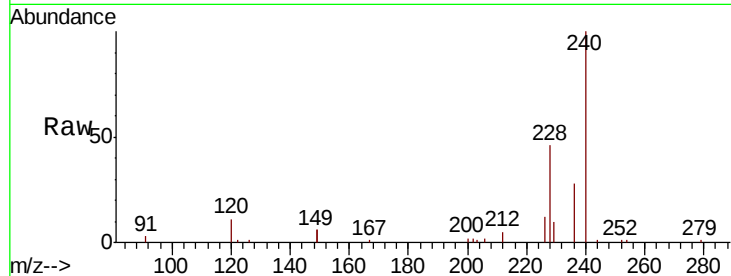




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098244.D
 Acq: 19 Nov 2018 9:13

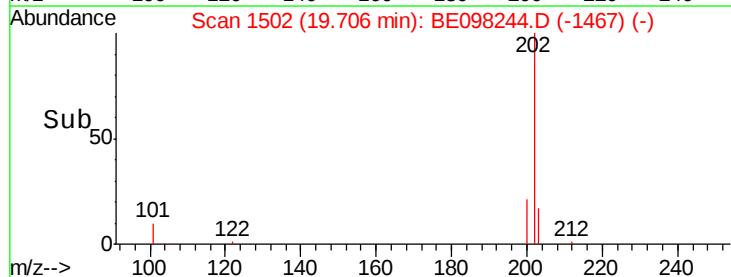
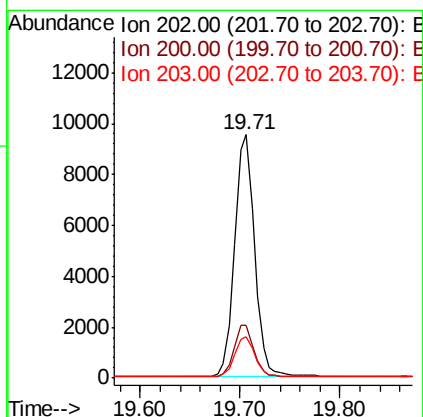
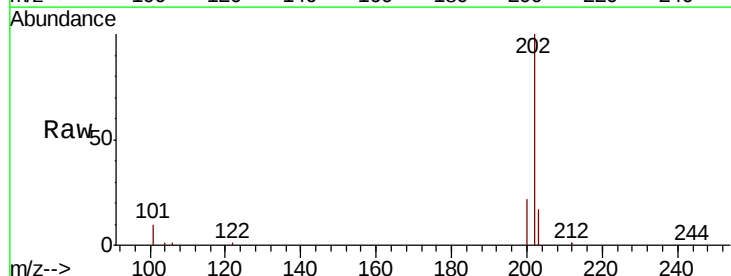
Instrument :
 BNA_E
 ClientSampleId :

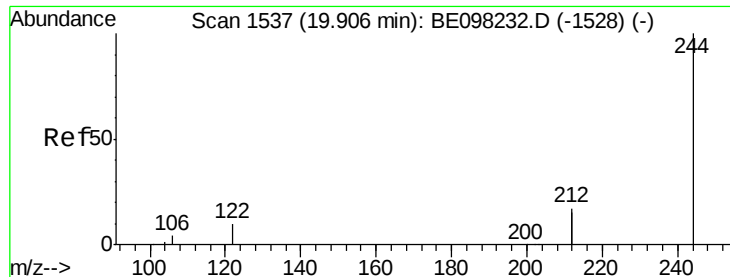
Tot Ion:240 Resp: 11165
 Ion Ratio Lower Upper
 240 100
 120 10.7 4.8 7.2#
 236 28.3 21.4 32.0



#28
 Pyrene
 Concen: 0.405 ng
 RT: 19.71 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BE098244.D
 Acq: 19 Nov 2018 9:13

Tgt Ion:202 Resp: 13214
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.2 25.8
 203 17.0 14.2 21.4





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampled :

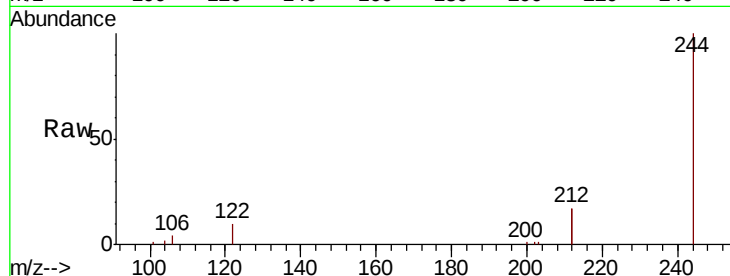
Tot Ion:244 Resp: 10350

Ion Ratio Lower Upper

244 100

212 33.3 26.8 40.2

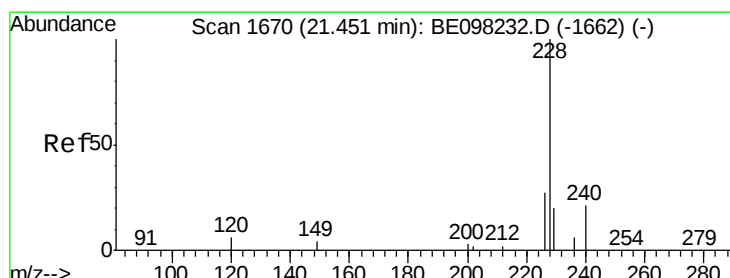
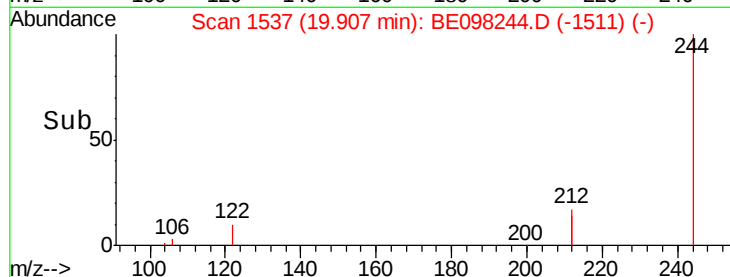
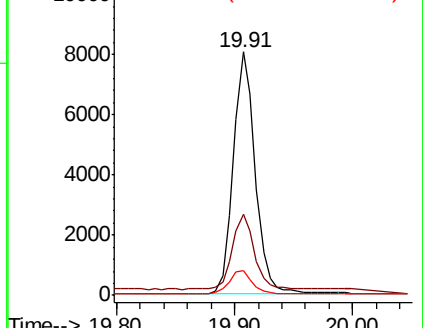
122 10.2 7.0 10.6



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: 0.408 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

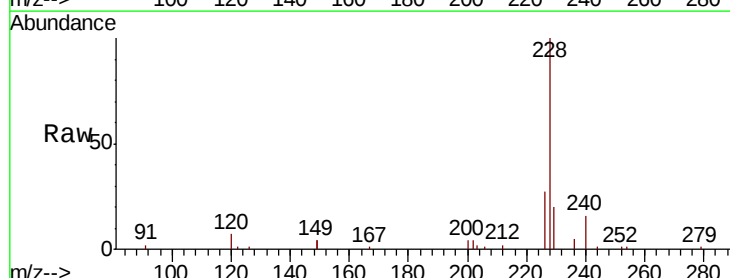
Tgt Ion:228 Resp: 13169

Ion Ratio Lower Upper

228 100

226 26.5 20.7 31.1

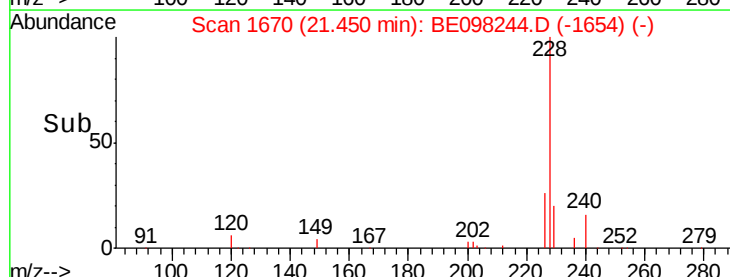
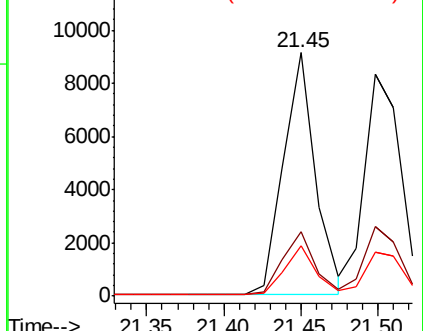
229 20.4 16.2 24.4

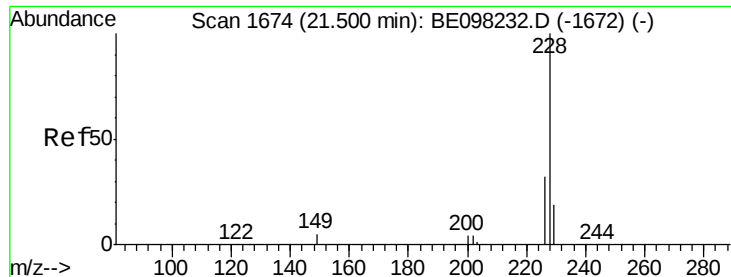


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

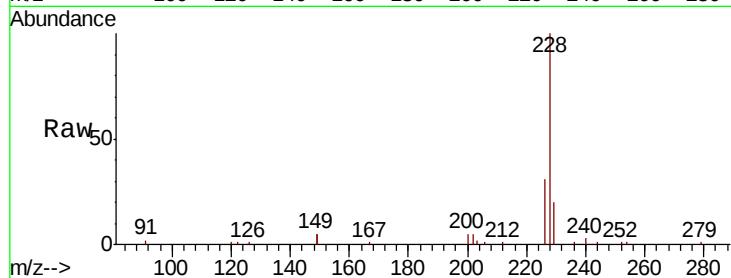
Tot Ion:228 Resp: 13673

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

229 19.9 16.0 24.0

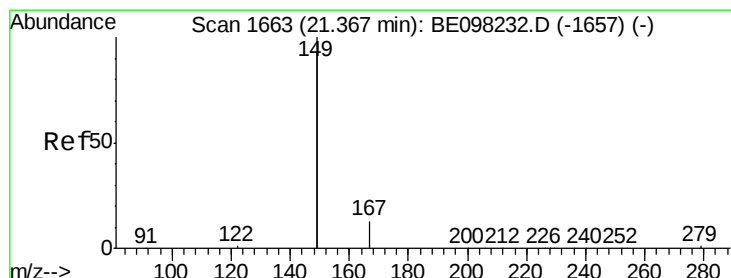
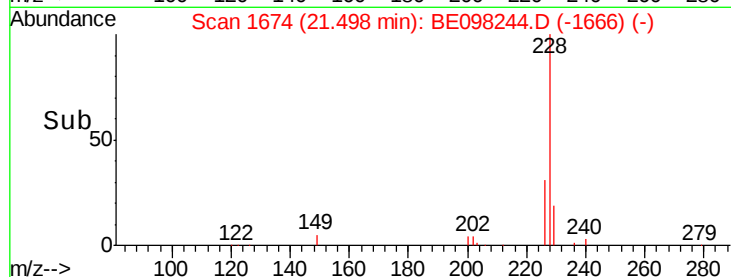
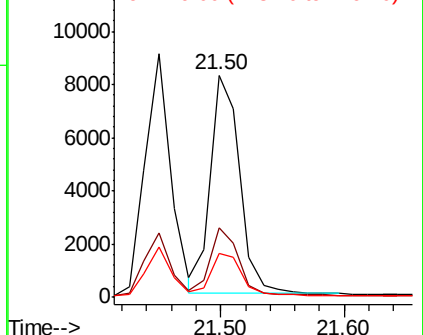


Abundance

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: 0.469 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

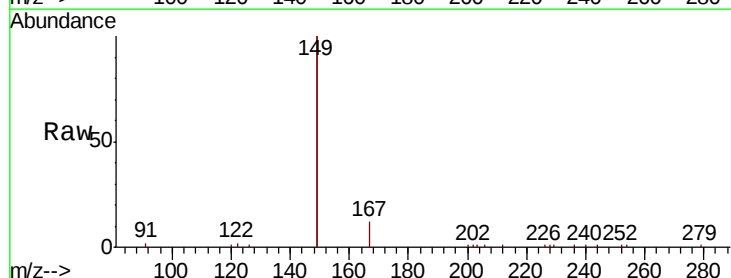
Tgt Ion:149 Resp: 23622

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

279 1.1 0.9 1.3

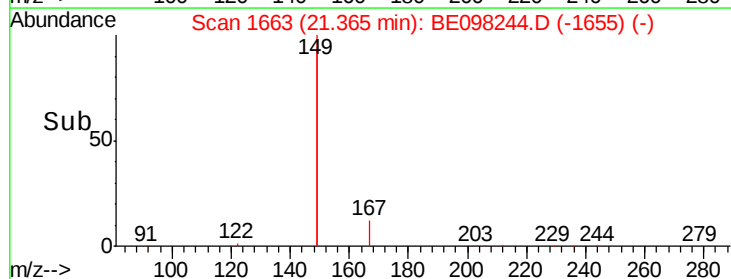
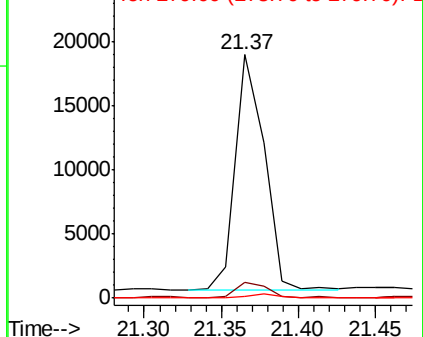


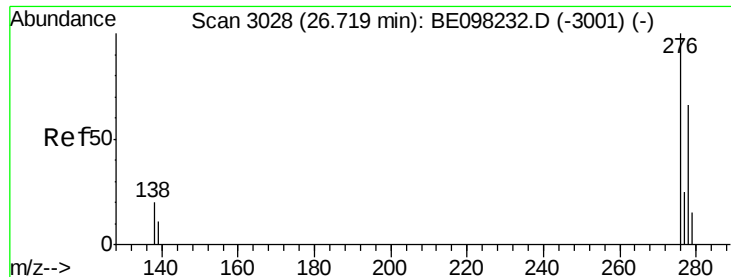
Abundance

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

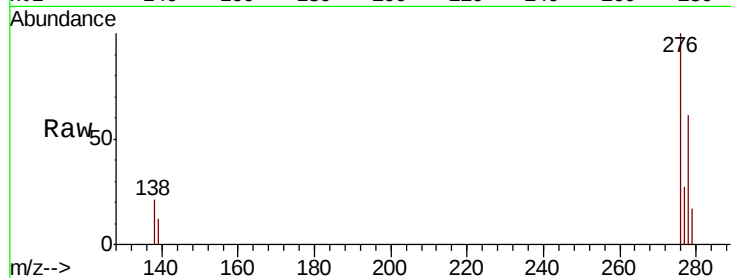




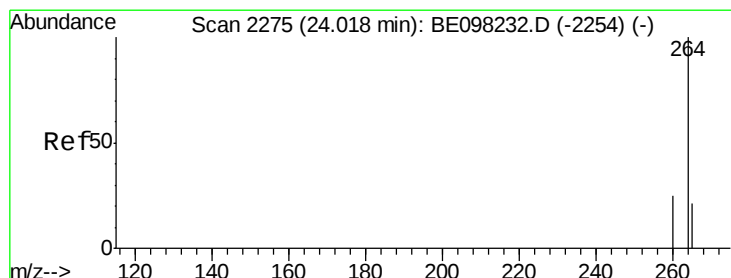
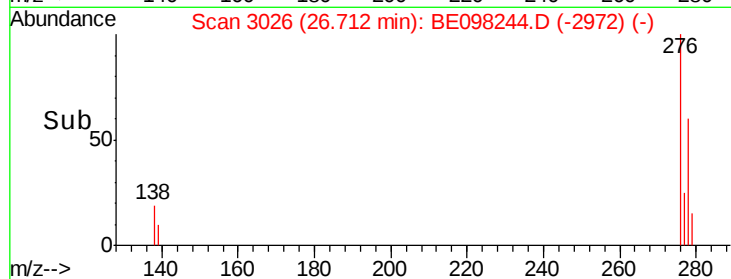
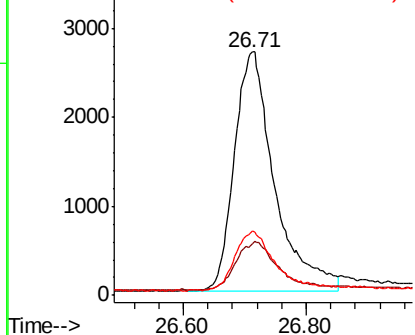
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.428 ng
 RT: 26.71 min Scan# 3026
 Delta R.T. -0.01 min
 Lab File: BE098244.D
 Acq: 19 Nov 2018 9:13

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 12170
 Ion Ratio Lower Upper
 276 100
 138 20.1 6.4 9.6#
 277 23.8 18.9 28.3

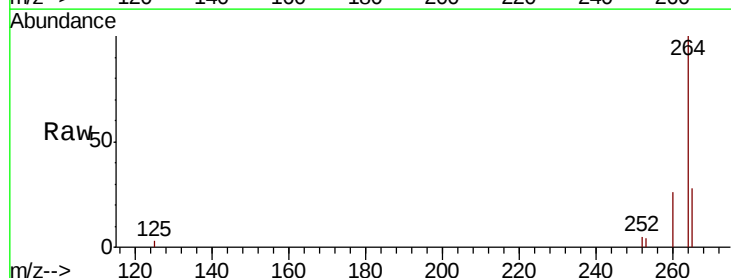


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

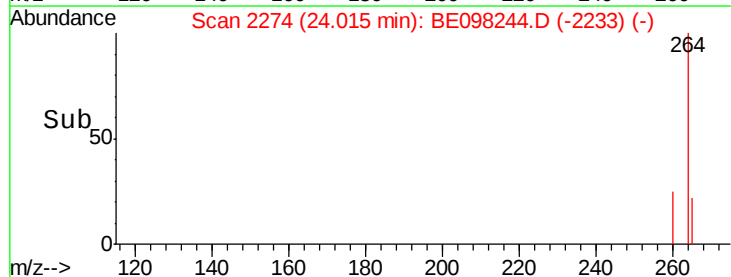
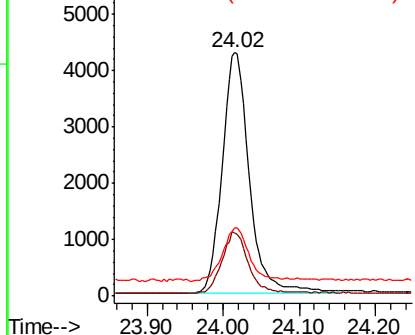


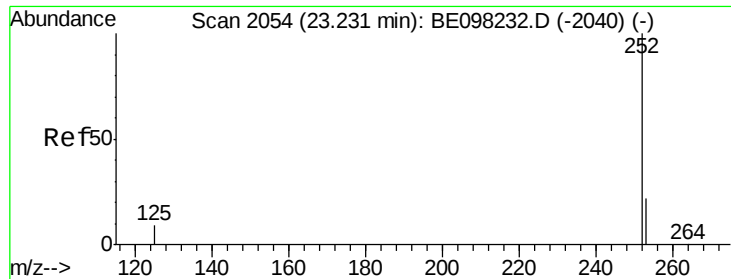
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098244.D
 Acq: 19 Nov 2018 9:13

Tgt Ion:264 Resp: 10534
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.9 29.9
 265 28.2 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: 0.411 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

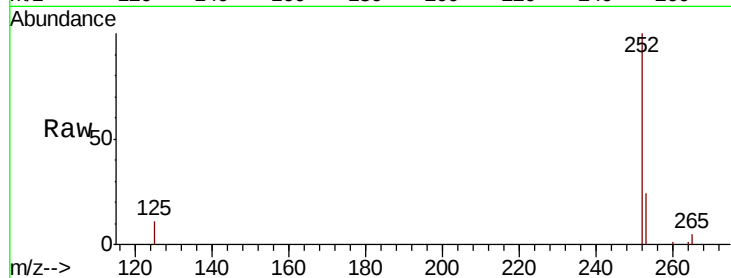
Tot Ion:252 Resp: 12232

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.0

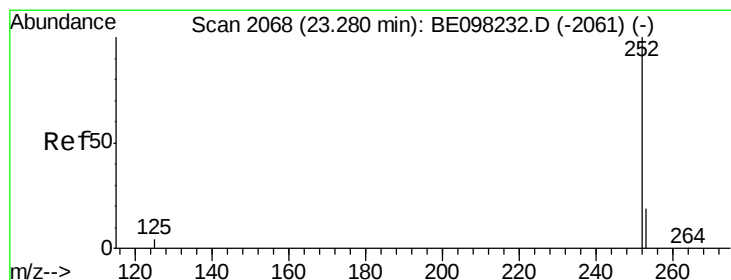
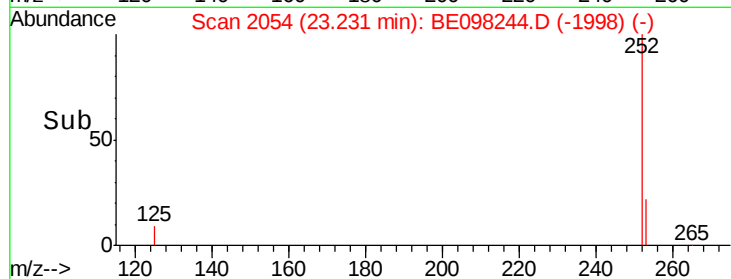
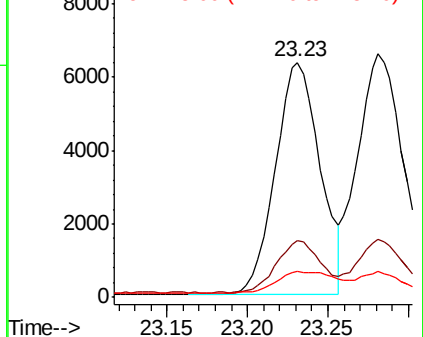
125 11.2 8.6 12.8



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: 0.405 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

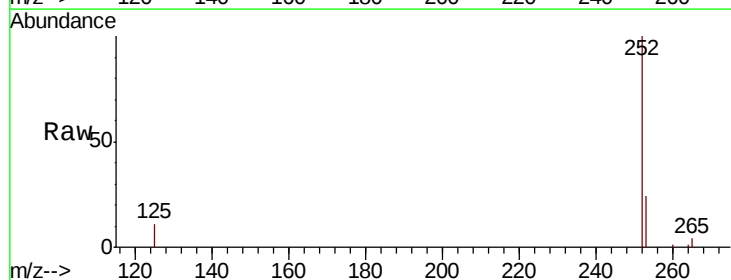
Tgt Ion:252 Resp: 13617

Ion Ratio Lower Upper

252 100

253 23.6 18.6 28.0

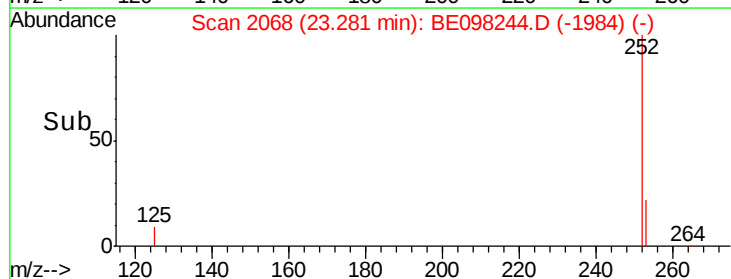
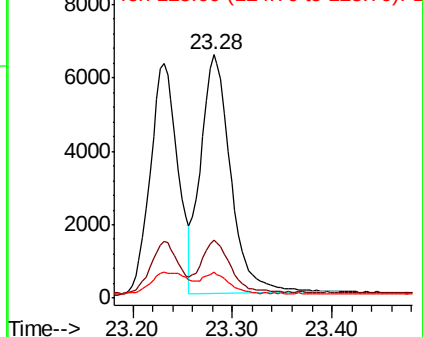
125 10.5 7.4 11.0

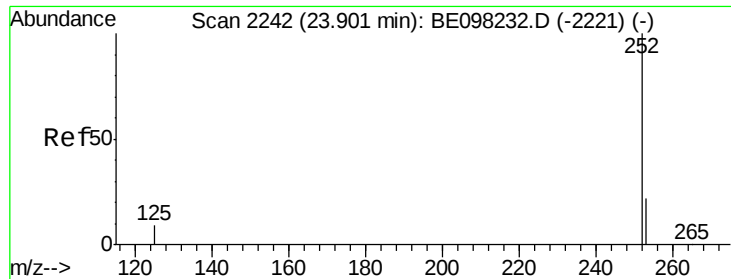


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

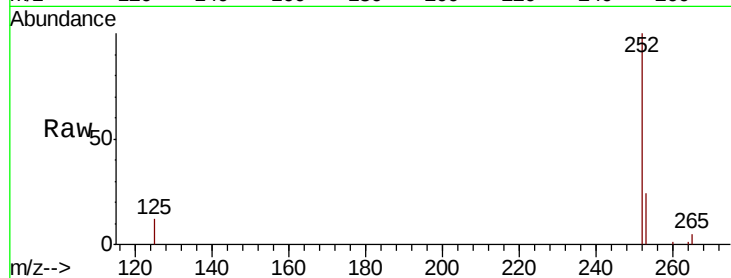
Tot Ion:252 Resp: 12019

Ion Ratio Lower Upper

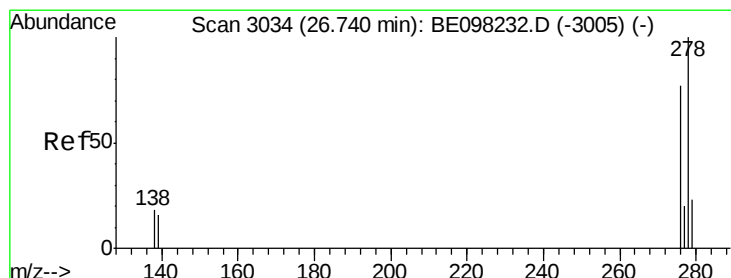
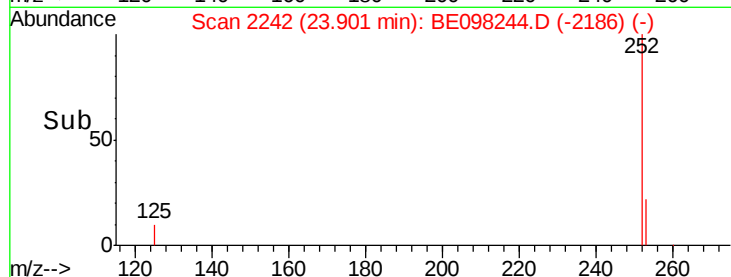
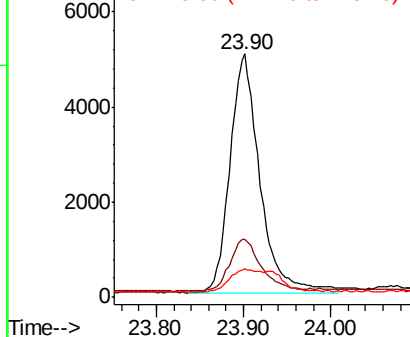
252 100

253 23.8 18.6 27.8

125 11.7 8.0 12.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.410 ng

RT: 26.73 min Scan# 3031

Delta R.T. -0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

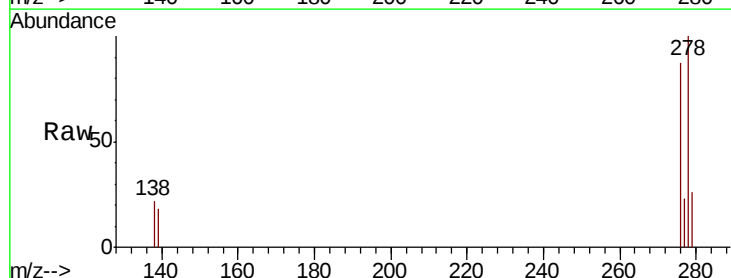
Tgt Ion:278 Resp: 9603

Ion Ratio Lower Upper

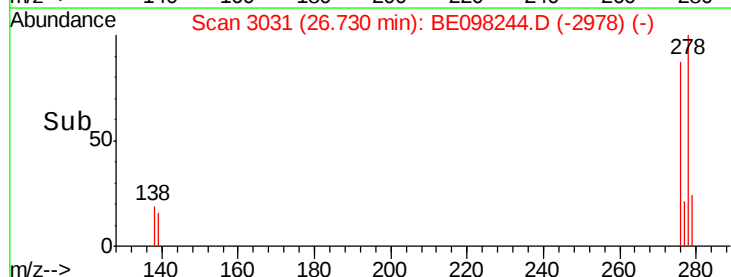
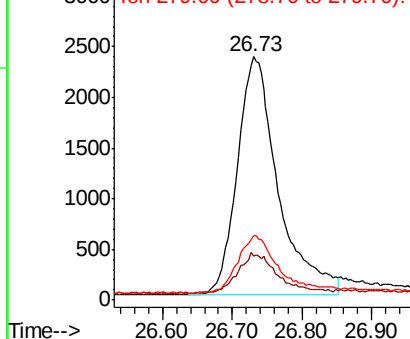
278 100

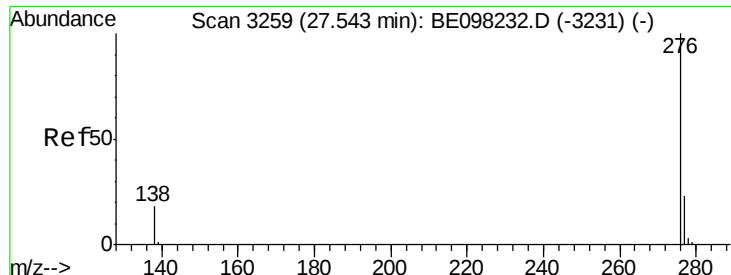
139 18.1 16.4 24.6

279 26.4 21.3 31.9



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





#39

Benzo(a,h,i)perylene

Concen: 0.424 ng

RT: 27.54 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BE098244.D

Acq: 19 Nov 2018 9:13

Instrument :

BNA_E

ClientSampleId :

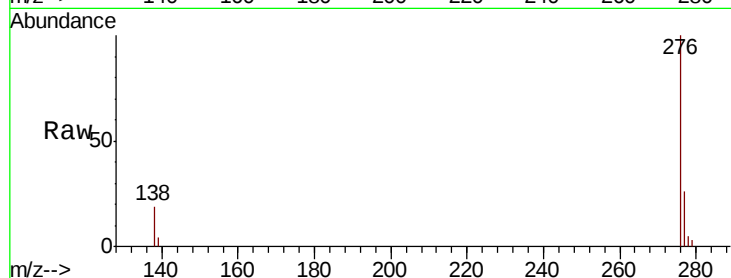
Tot Ion: 276 Resp: 10680

Ion Ratio Lower Upper

276 100

277 26.1 20.4 30.6

138 18.6 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

