

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
 Data File : BE098255.D
 Acq On : 21 Nov 2018 10:14
 Operator : SJ/JU
 Sample : PB114965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 21 10:45:32 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	7.86	152	1363	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5009	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2727	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7577	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9695	0.40	ng	0.00
34) Perylene-d12	24.02	264	8882	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1280	0.35	ng	0.00
5) Phenol-d6	7.05	99	1586	0.28	ng	0.01
8) Nitrobenzene-d5	9.02	82	1779	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3052	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	355	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	4040	0.34	ng	0.00
25) Fluoranthene-d10	19.31	212	38727	0.42	ng	0.00
29) Terphenyl-d14	19.91	244	7152	0.32	ng	0.00

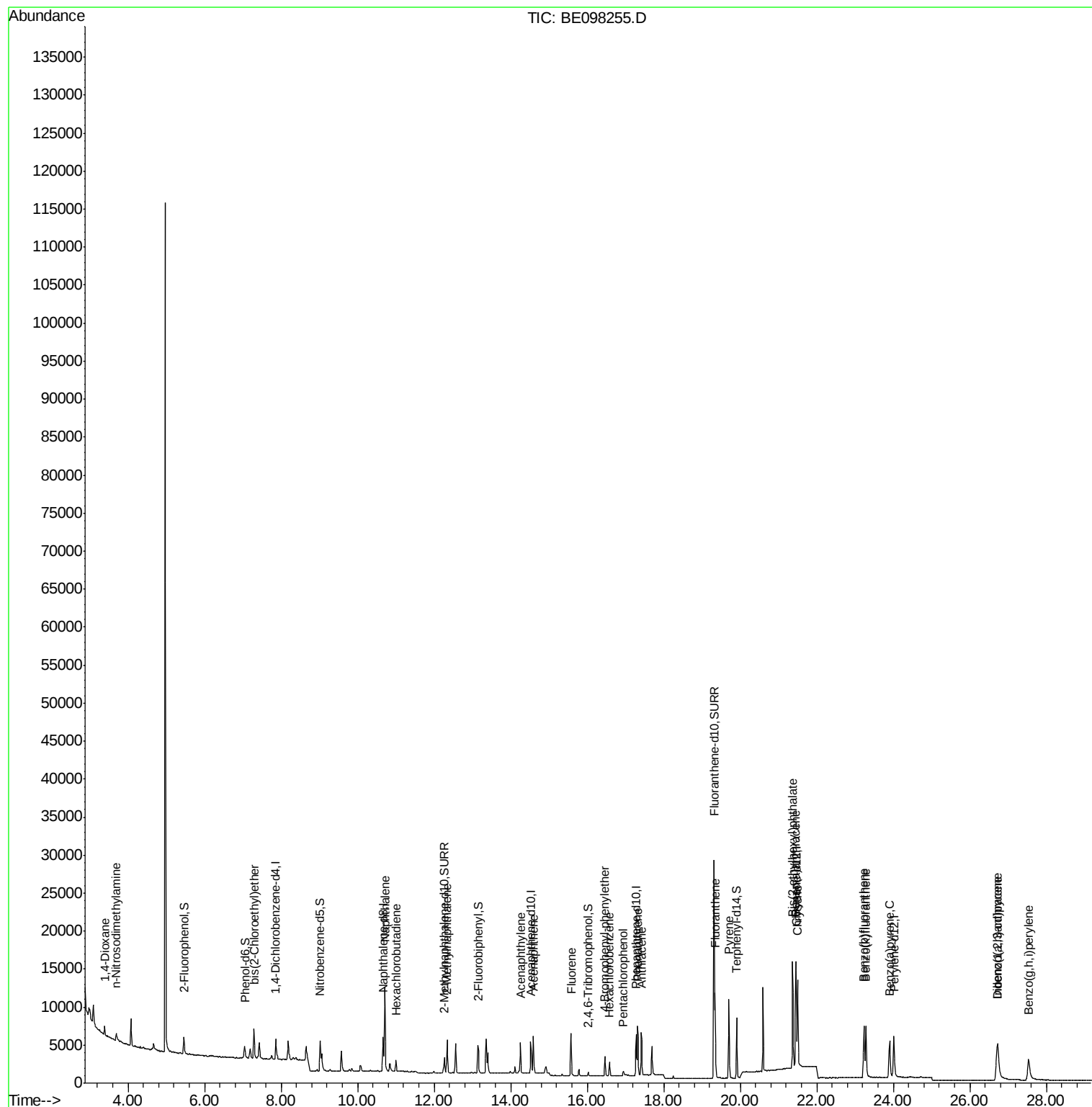
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	594	0.278	ng	# 72
3) n-Nitrosodimethylamine	3.70	42	848	0.353	ng	# 78
6) bis(2-Chloroethyl)ether	7.29	93	1506	0.306	ng	98
9) Naphthalene	10.72	128	19158	0.376	ng	100
10) Hexachlorobutadiene	11.00	225	1057	0.353	ng	98
12) 2-Methylnaphthalene	12.34	142	3154	0.351	ng	97
16) Acenaphthylene	14.25	152	4918	0.379	ng	97
17) Acenaphthene	14.60	154	2807	0.362	ng	98
18) Fluorene	15.58	166	3873	0.392	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1403	0.299	ng	95
21) Hexachlorobenzene	16.58	284	1450	0.300	ng	98
22) Pentachlorophenol	16.94	266	469	0.597	ng	99
23) Phenanthrene	17.32	178	7329	0.376	ng	100
24) Anthracene	17.41	178	6819	0.385	ng	97
26) Fluoranthene	19.34	202	10219	0.437	ng	99
28) Pyrene	19.70	202	10189	0.360	ng	99
30) Benzo(a)anthracene	21.45	228	10632	0.379	ng	99
31) Chrysene	21.50	228	10923	0.379	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	16358	0.374	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	9648	0.391	ng	# 73
35) Benzo(b)fluoranthene	23.23	252	10050	0.401	ng	99
36) Benzo(k)fluoranthene	23.28	252	10772	0.380	ng	98
37) Benzo(a)pyrene	23.90	252	9715	0.394	ng	96
38) Dibenzo(a,h)anthracene	26.73	278	7657	0.388	ng	97
39) Benzo(g,h,i)perylene	27.53	276	8489	0.399	ng	# 95

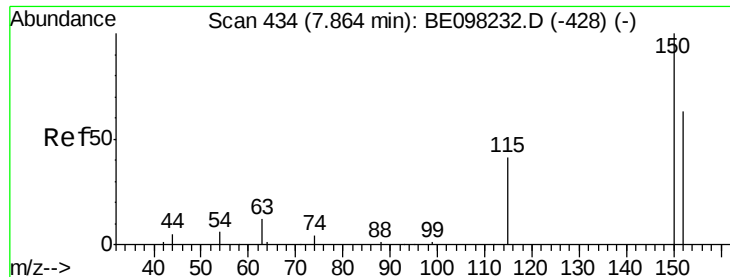
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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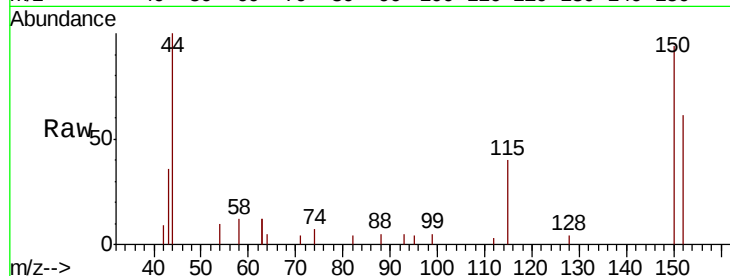


#1

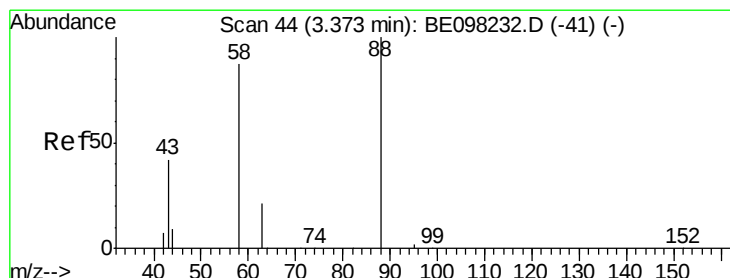
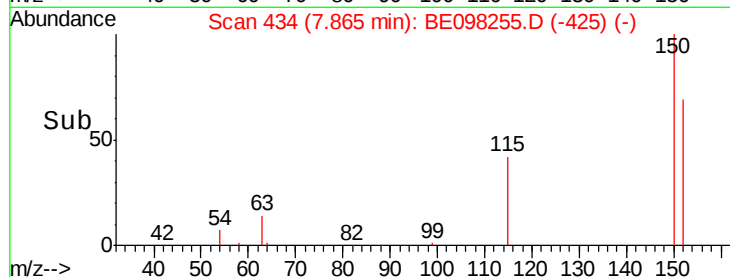
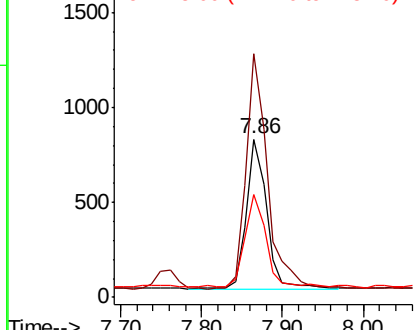
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1363
Ion Ratio Lower Upper
152 100
150 154.1 127.5 191.3
115 65.3 60.3 90.5



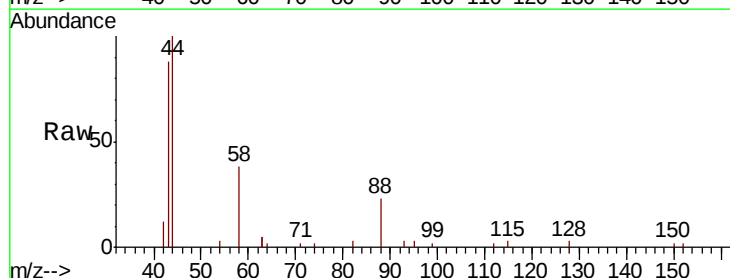
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



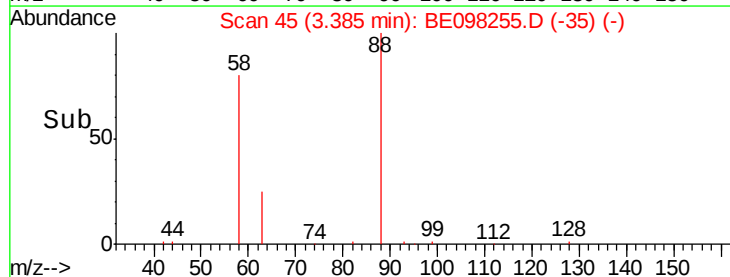
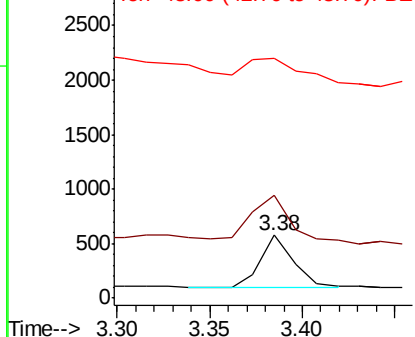
#2

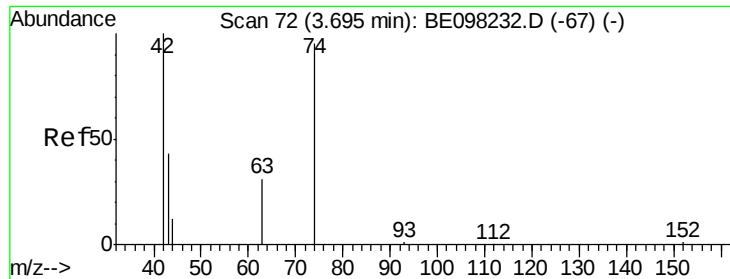
1,4-Dioxane
Concen: 0.278 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion: 88 Resp: 594
Ion Ratio Lower Upper
88 100
58 119.0 79.0 118.4#
43 77.8 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



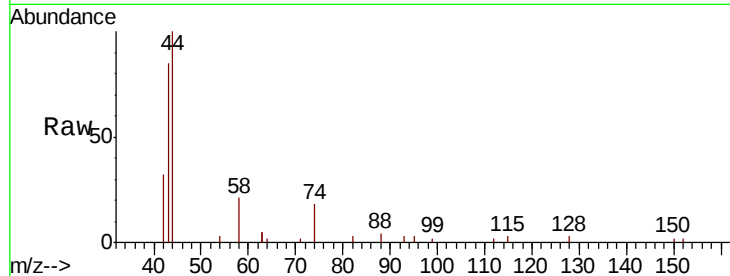


#3

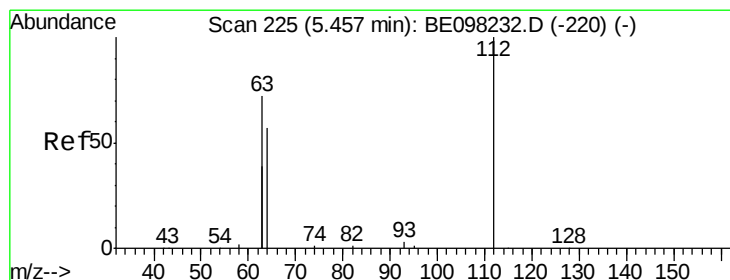
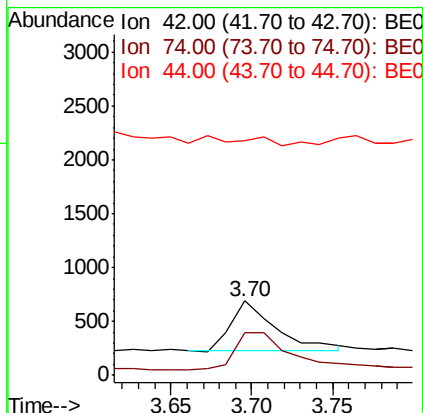
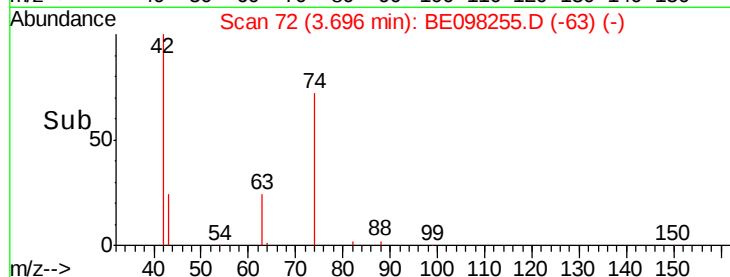
n-Nitrosodimethylamine
 Concen: 0.353 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098255.D
 Acq: 21 Nov 2018 10:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 848
 Ion Ratio Lower Upper
 42 100
 74 93.0 61.7 92.5#
 44 0.0 14.0 21.0#



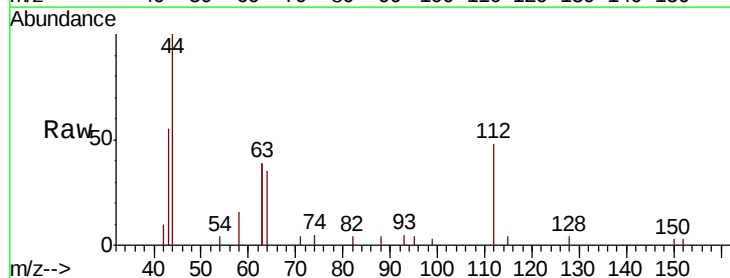
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



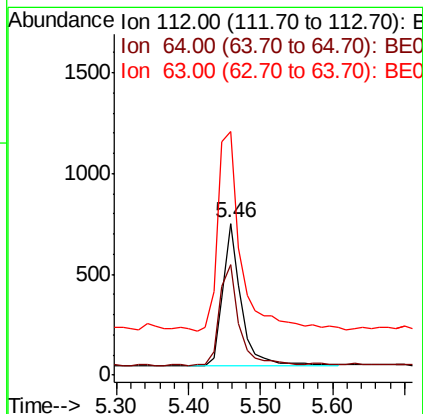
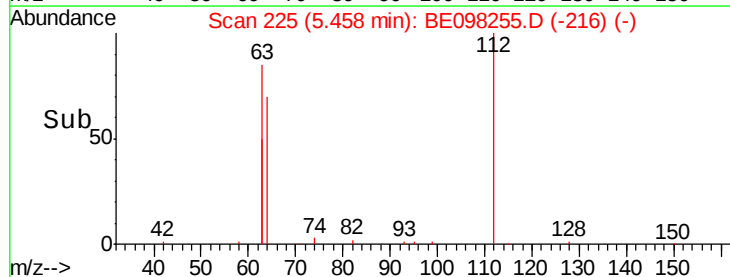
#4

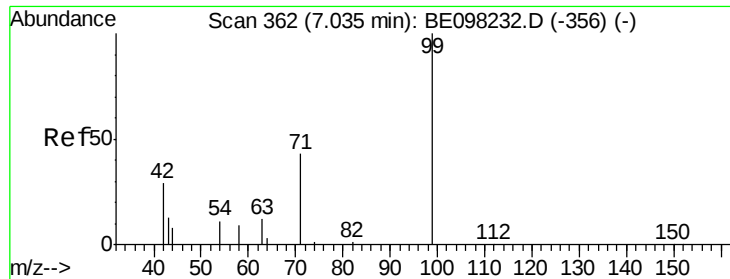
2-Fluorophenol
 Concen: 0.350 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098255.D
 Acq: 21 Nov 2018 10:14

Tgt Ion: 112 Resp: 1280
 Ion Ratio Lower Upper
 112 100
 64 74.4 61.7 92.5
 63 173.4 136.2 204.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.276 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampled :

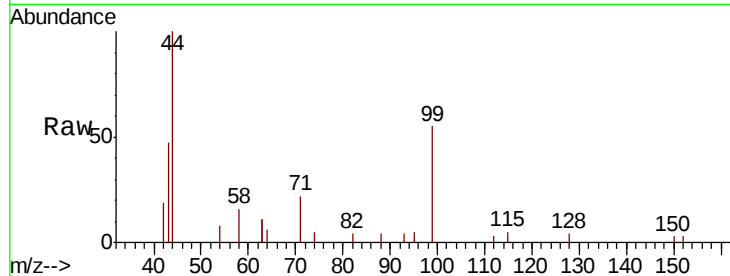
Tot Ion: 99 Resp: 1586

Ion Ratio Lower Upper

99 100

42 28.4 27.1 40.7

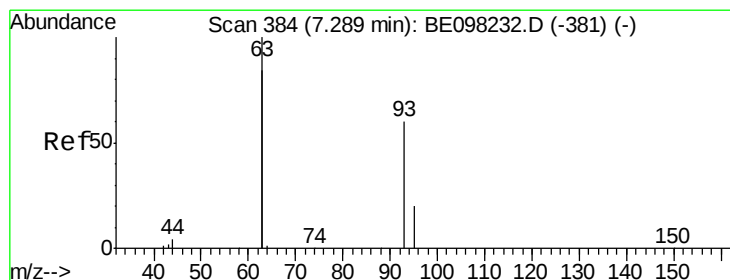
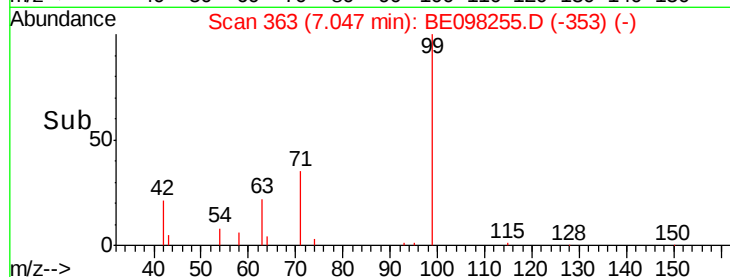
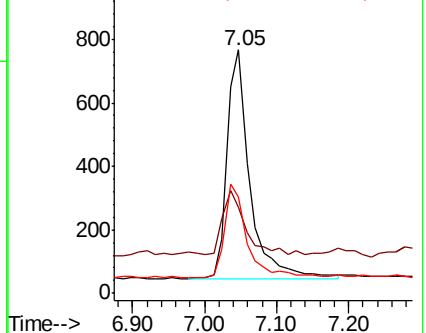
71 41.4 37.0 55.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.306 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

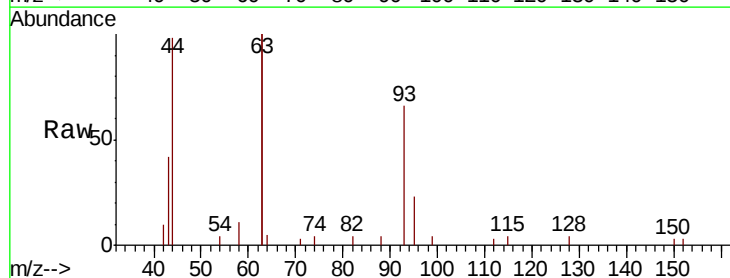
Tgt Ion: 93 Resp: 1506

Ion Ratio Lower Upper

93 100

63 344.7 272.6 409.0

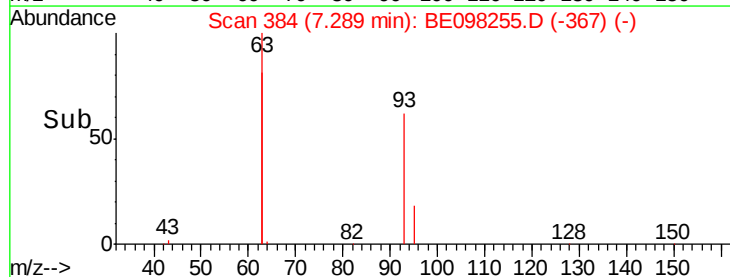
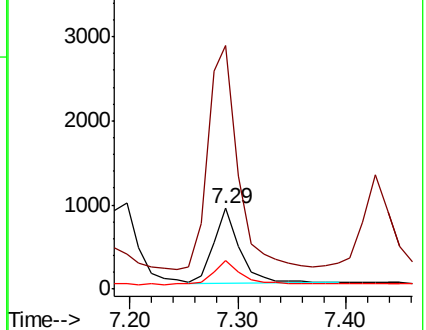
95 33.3 27.1 40.7

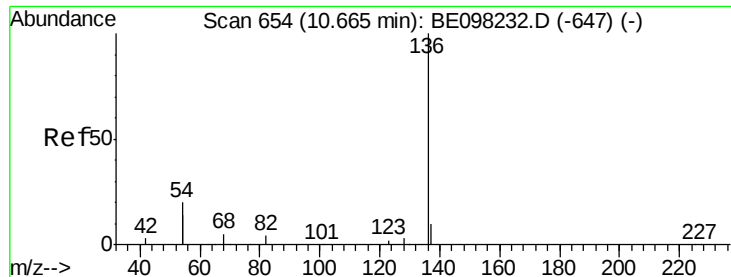


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5009

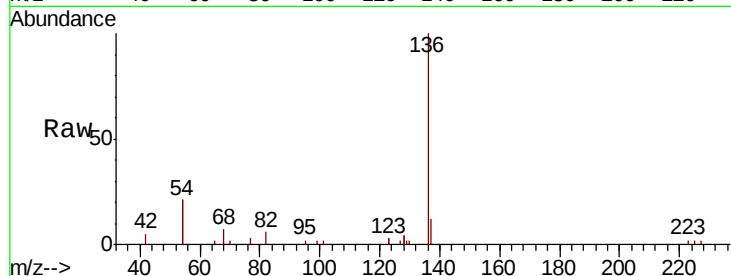
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 41.4 31.3 46.9

68 7.1 4.8 7.2

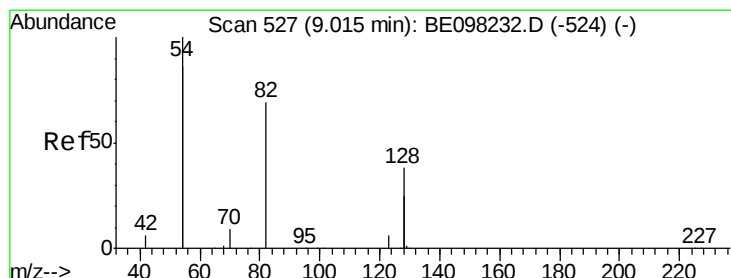
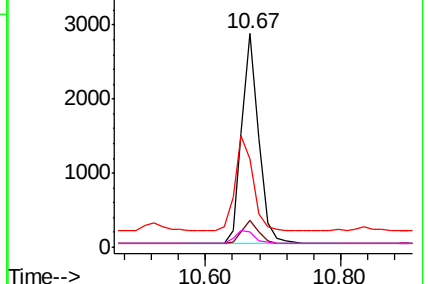
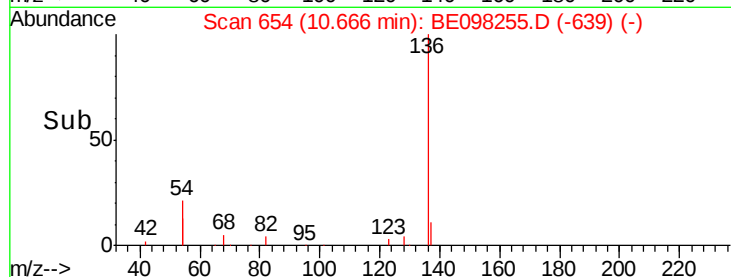


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

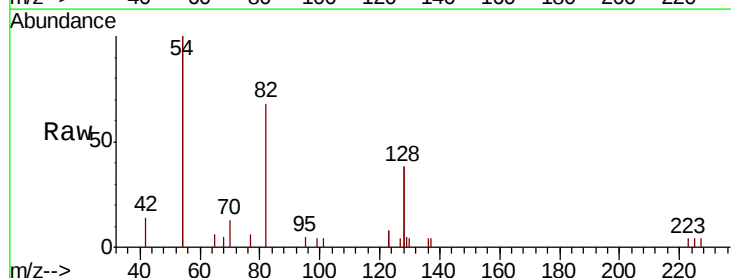
Tgt Ion: 82 Resp: 1779

Ion Ratio Lower Upper

82 100

128 111.9 96.1 144.1

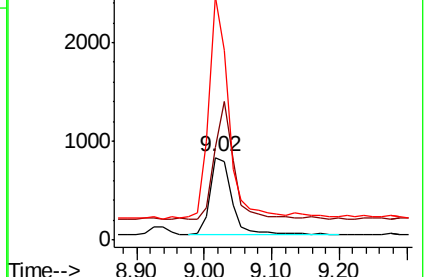
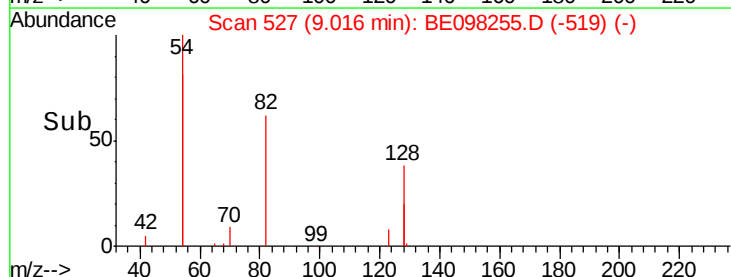
54 293.6 232.0 348.0

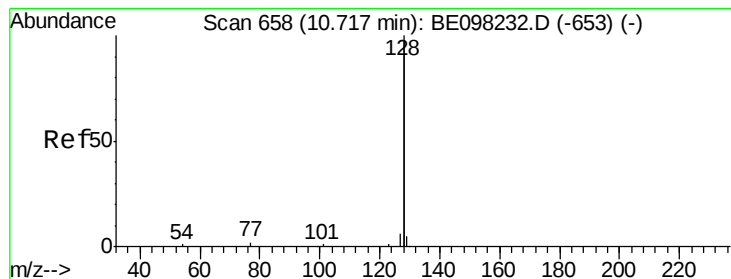


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampled :

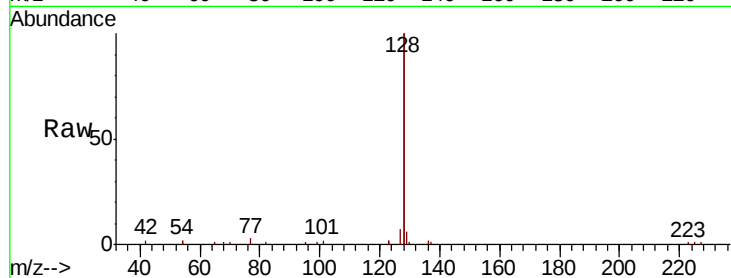
Tot Ion:128 Resp: 19158

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

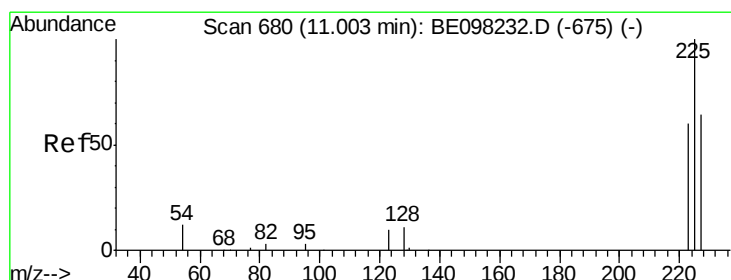
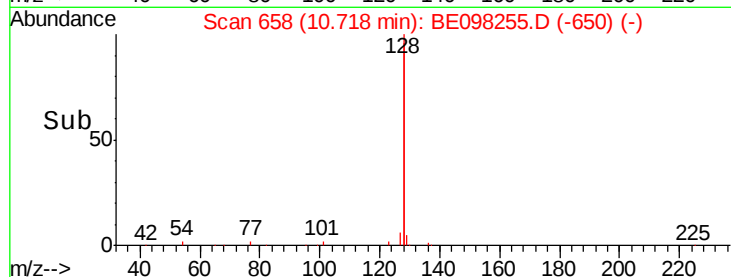
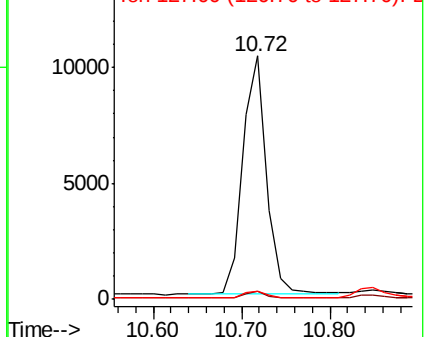
127 3.4 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.353 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

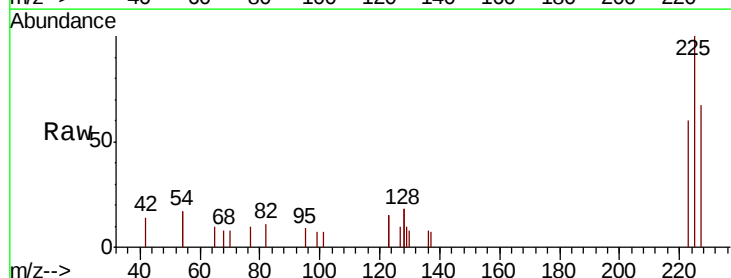
Tgt Ion:225 Resp: 1057

Ion Ratio Lower Upper

225 100

223 61.3 50.5 75.7

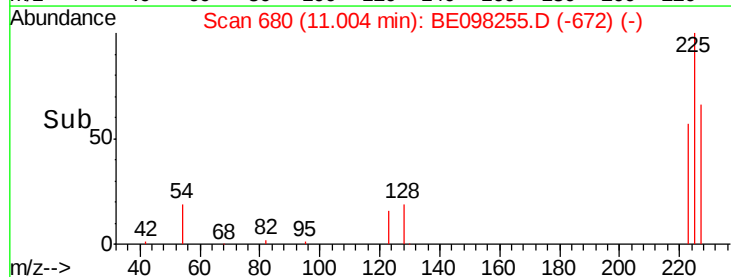
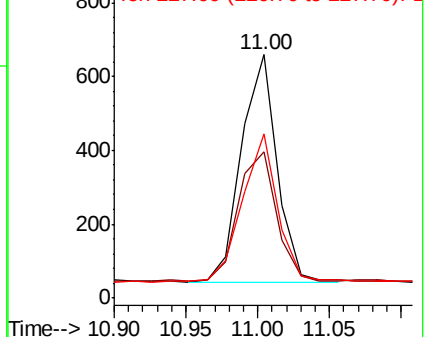
227 64.5 50.3 75.5

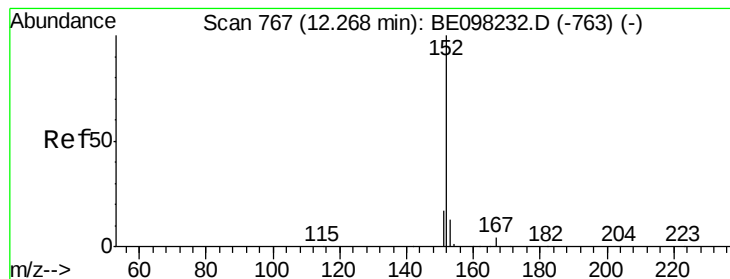


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

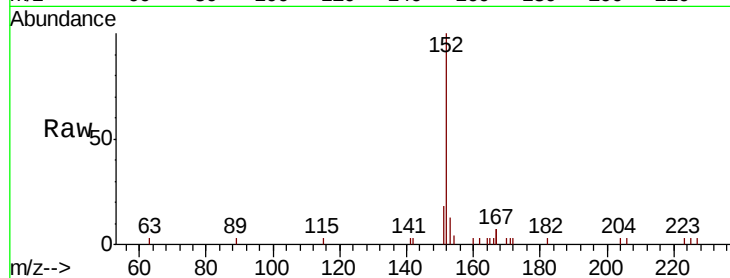
ClientSampleId :

Tot Ion:152 Resp: 3052

Ion Ratio Lower Upper

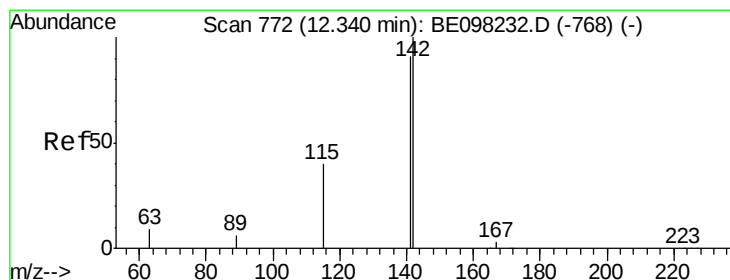
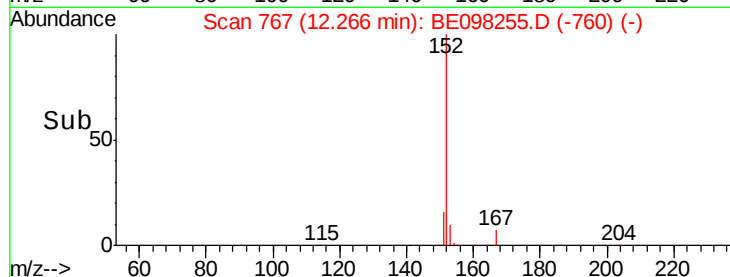
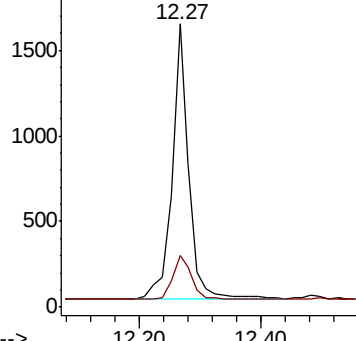
152 100

151 18.0 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.351 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

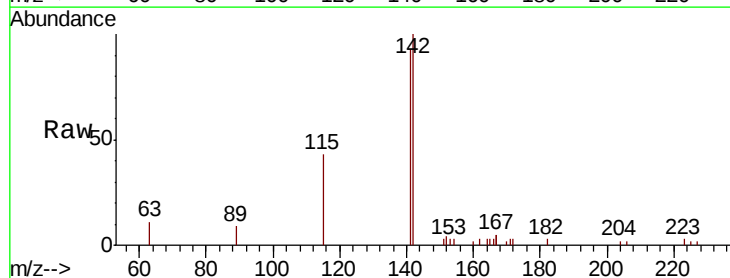
Tgt Ion:142 Resp: 3154

Ion Ratio Lower Upper

142 100

141 92.9 76.3 114.5

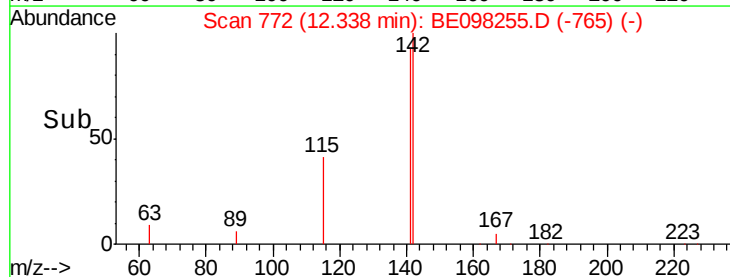
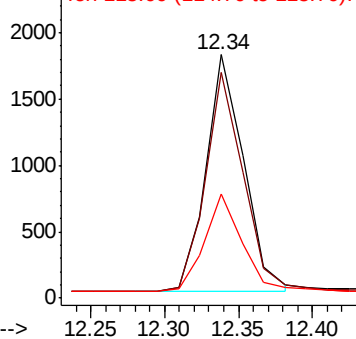
115 42.7 35.8 53.8

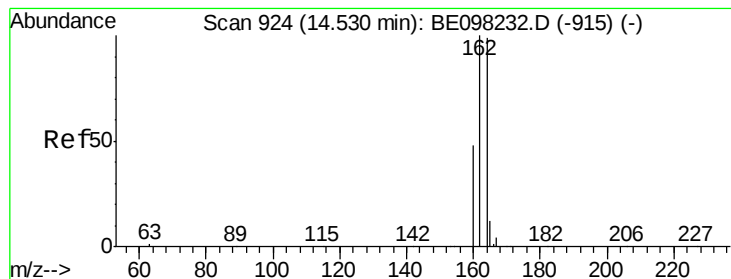


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

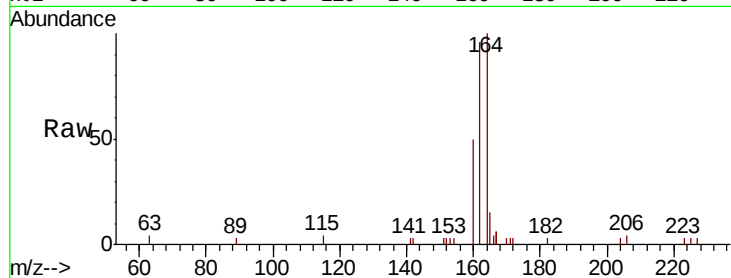
Tot Ion:164 Resp: 2727

Ion Ratio Lower Upper

164 100

162 96.1 81.8 122.6

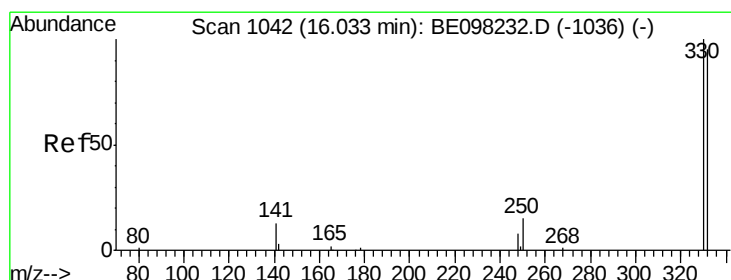
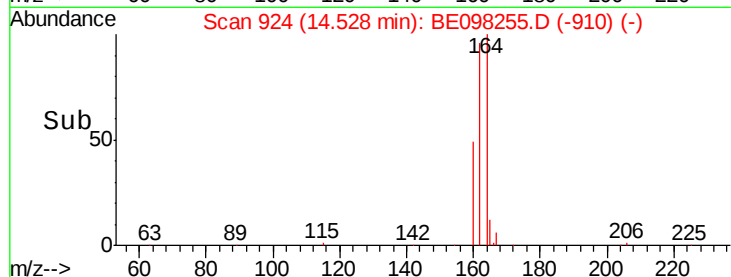
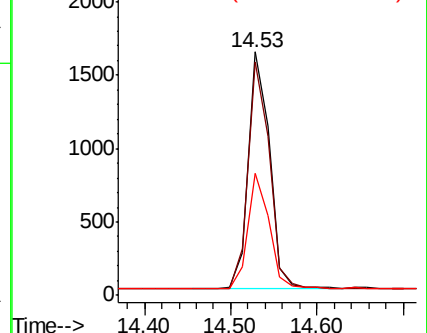
160 50.0 39.4 59.0



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: 0.404 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

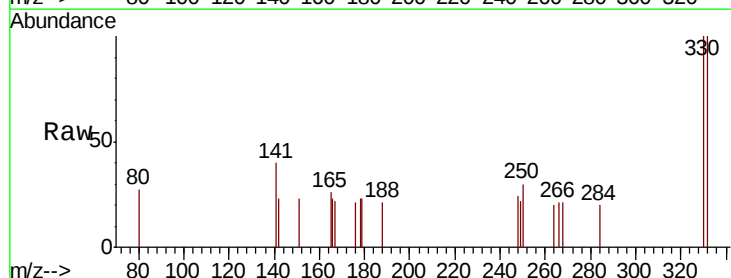
Tgt Ion:330 Resp: 355

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

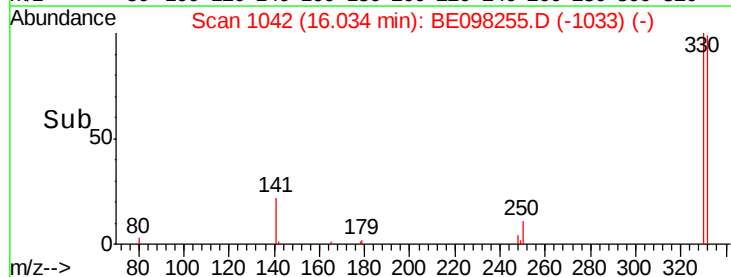
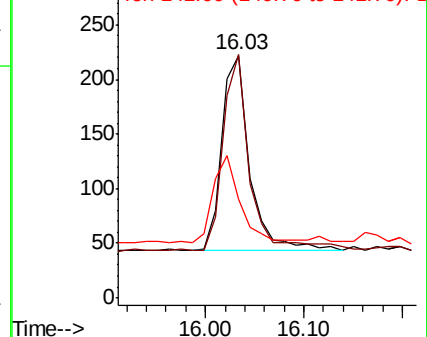
141 43.1 33.6 50.4

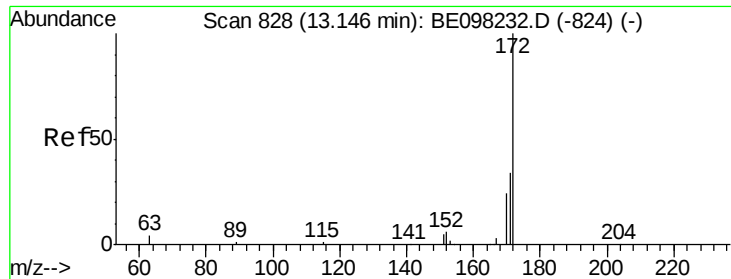


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

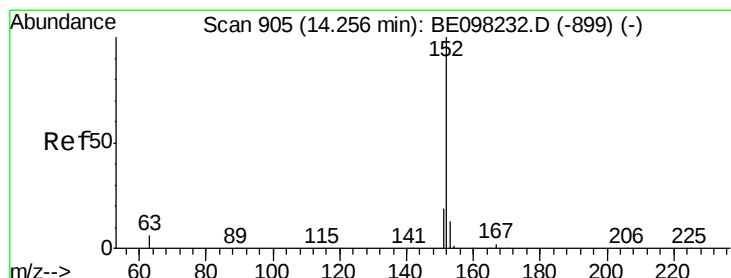
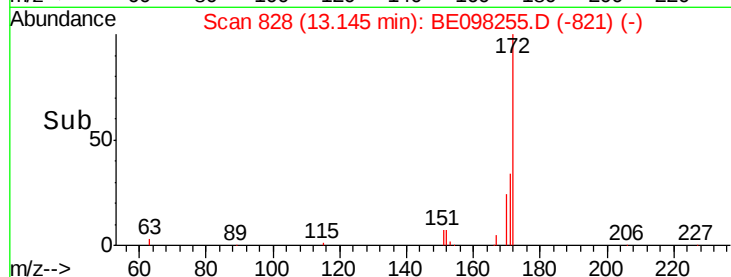
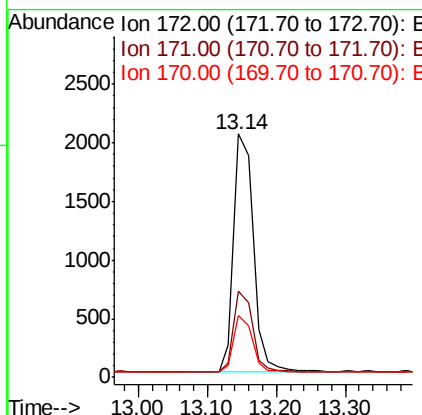
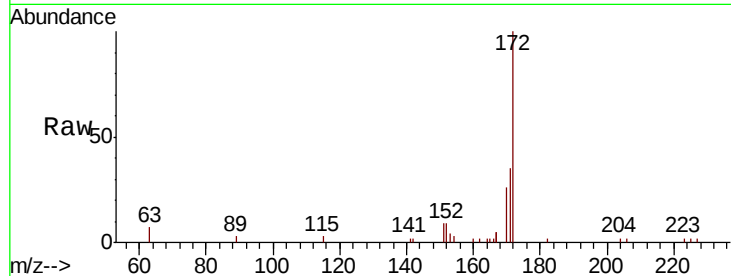




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

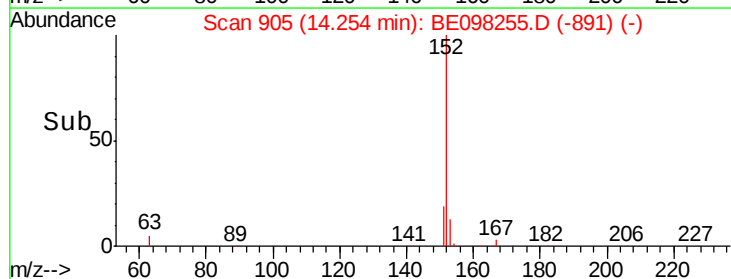
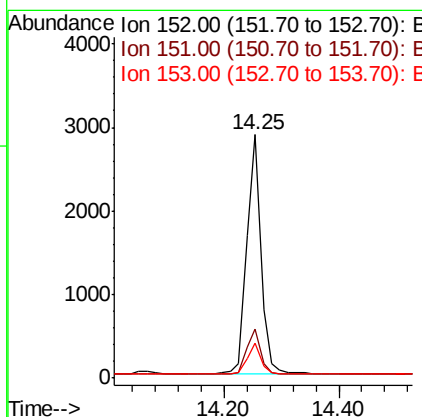
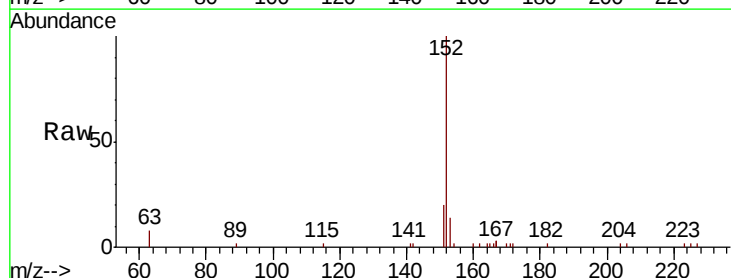
Instrument :
BNA_E
ClientSampled :

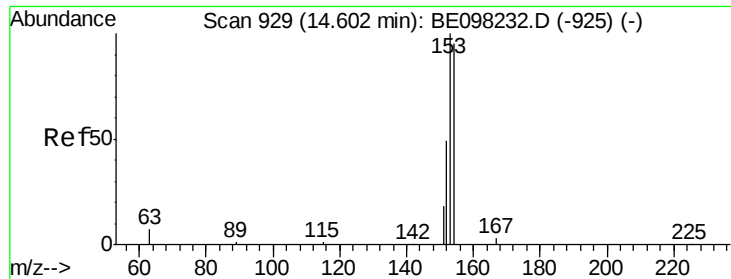
Tot Ion:172 Resp: 4040
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 25.6 19.4 29.0



#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:152 Resp: 4918
Ion Ratio Lower Upper
152 100
151 19.0 16.4 24.6
153 12.5 10.6 15.8

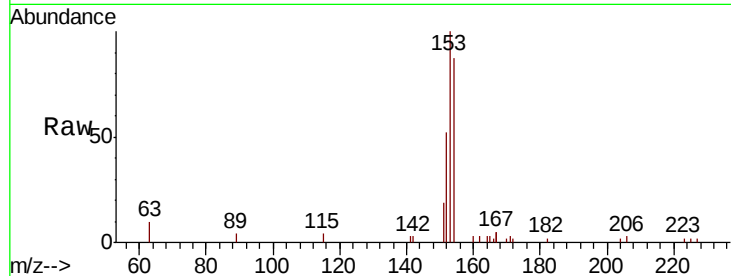




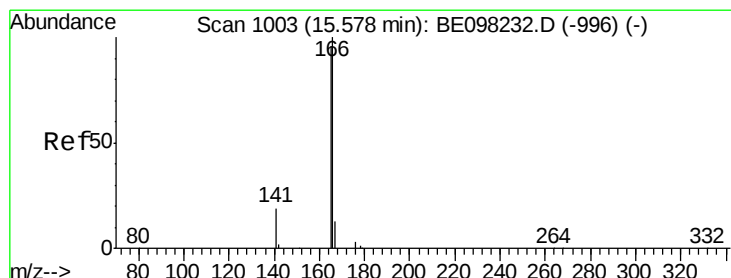
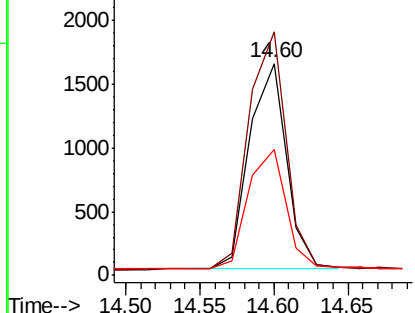
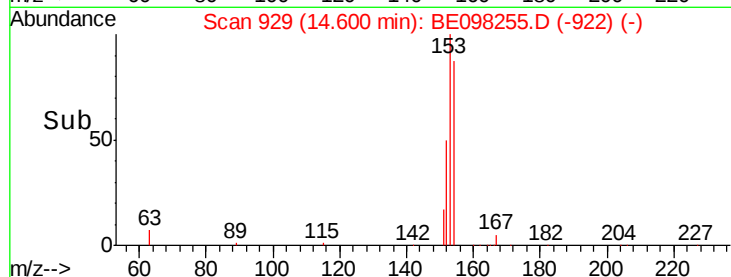
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2807
Ion Ratio Lower Upper
154 100
153 117.1 92.1 138.1
152 60.2 46.2 69.2

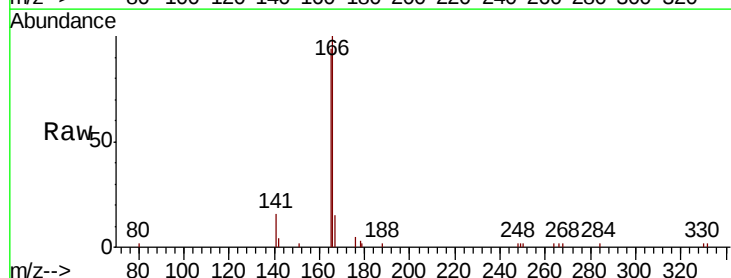


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

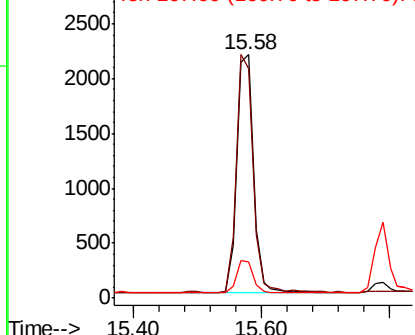
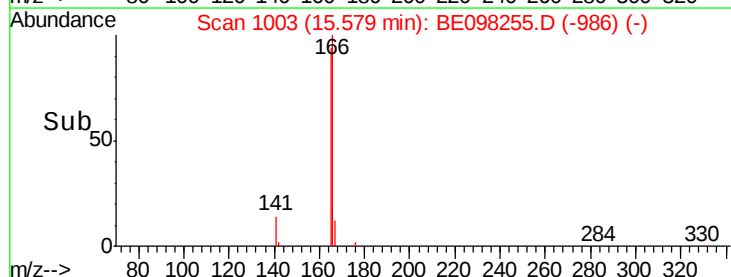


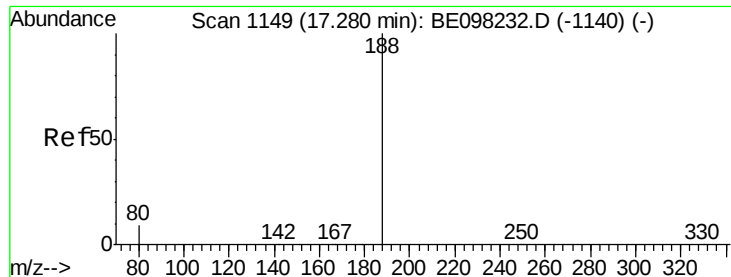
#18
Fluorene
Concen: 0.392 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:166 Resp: 3873
Ion Ratio Lower Upper
166 100
165 99.5 80.1 120.1
167 13.7 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: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

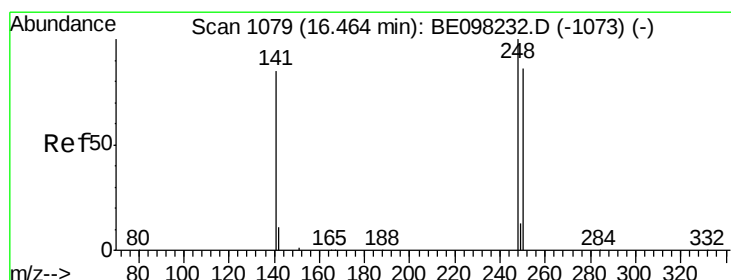
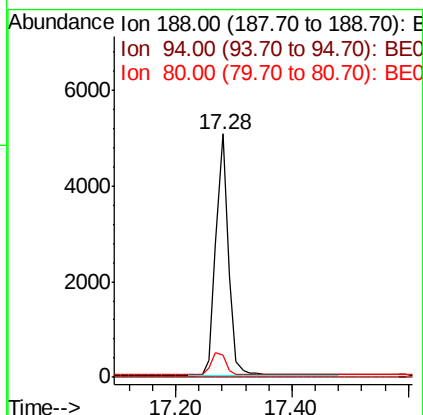
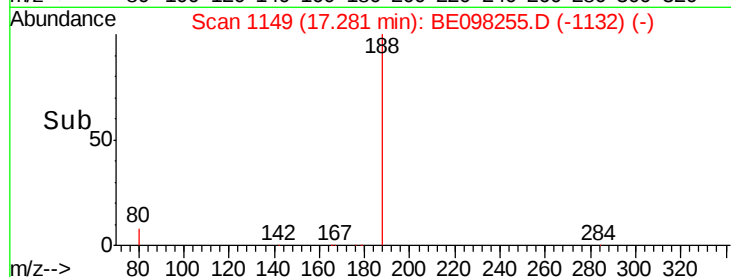
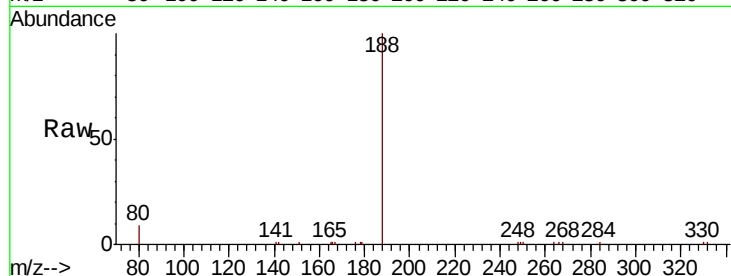
Tot Ion:188 Resp: 7577

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.299 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

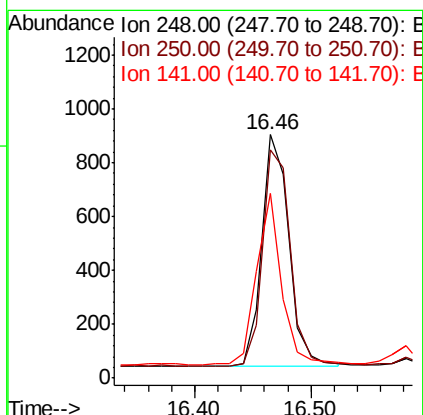
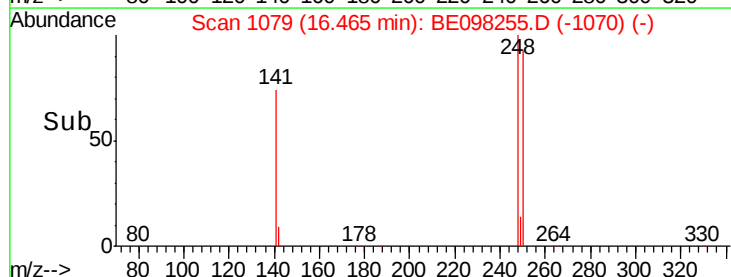
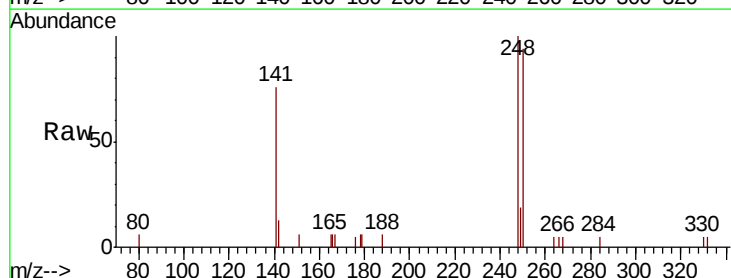
Tgt Ion:248 Resp: 1403

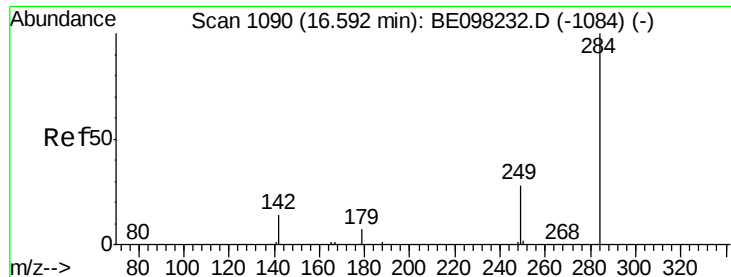
Ion Ratio Lower Upper

248 100

250 93.6 77.6 116.4

141 76.1 65.8 98.8

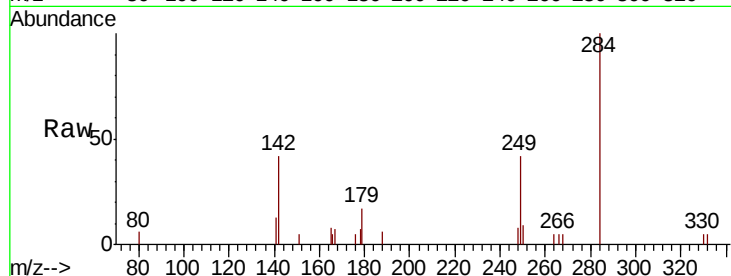




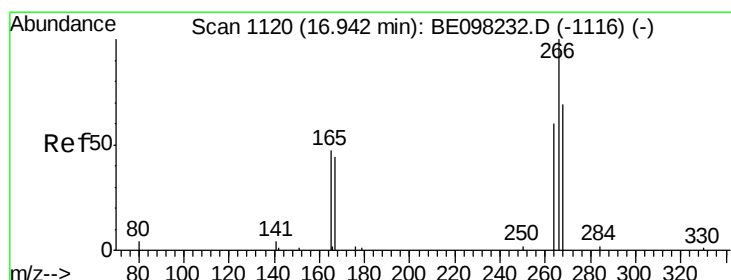
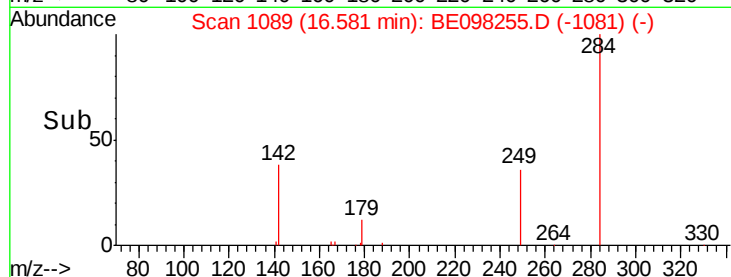
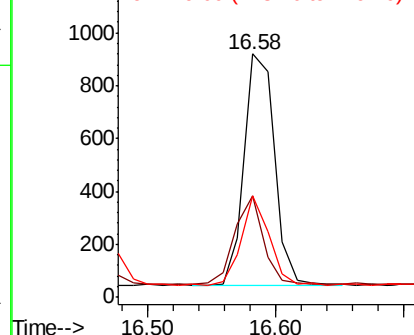
#21
Hexachlorobenzene
Concen: 0.300 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1450
Ion Ratio Lower Upper
284 100
142 35.5 26.5 39.7
249 35.4 28.4 42.6

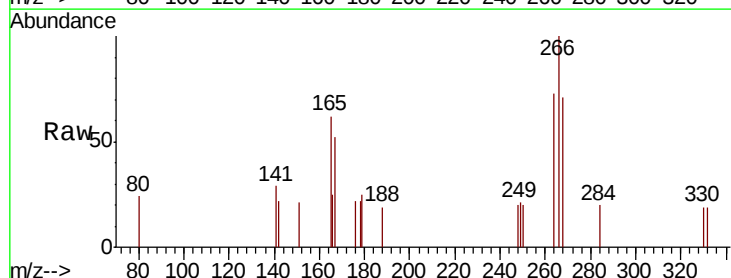


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

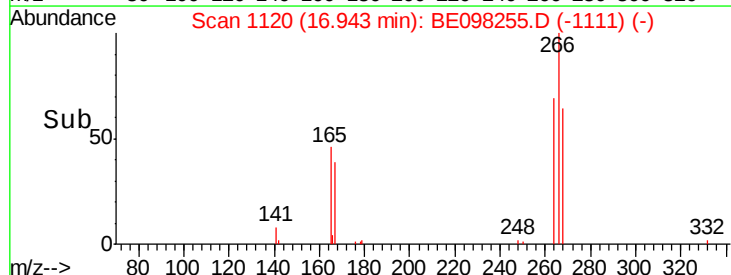
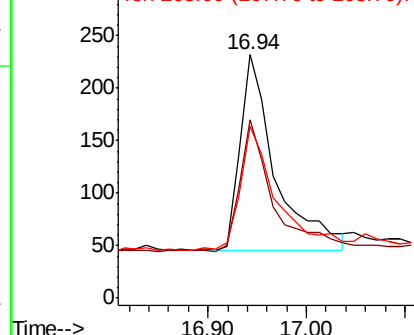


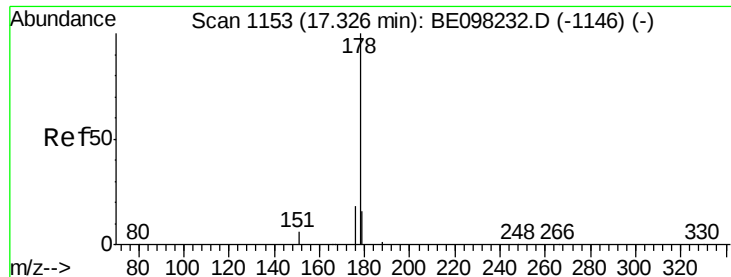
#22
Pentachlorophenol
Concen: 0.597 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:266 Resp: 469
Ion Ratio Lower Upper
266 100
264 73.3 57.6 86.4
268 70.7 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: 0.376 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

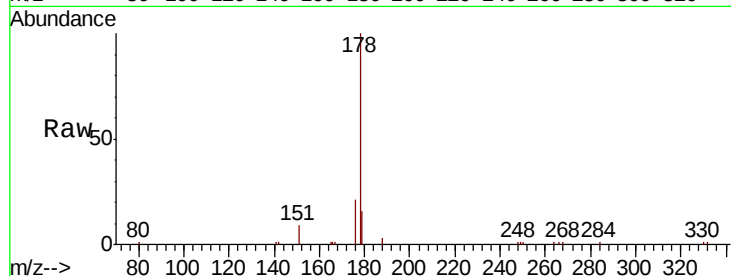
Tot Ion:178 Resp: 7329

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

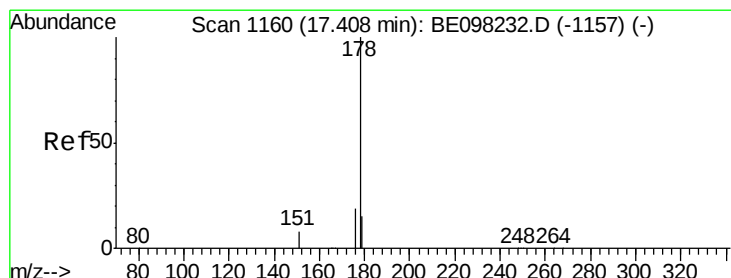
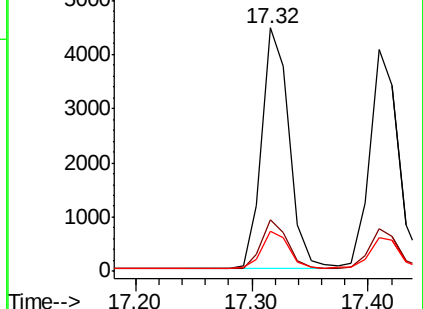
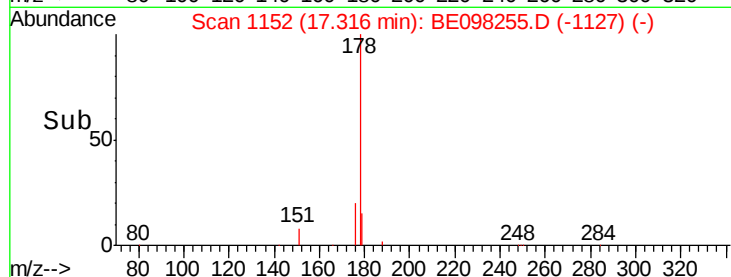
179 15.3 12.3 18.5



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: 0.385 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

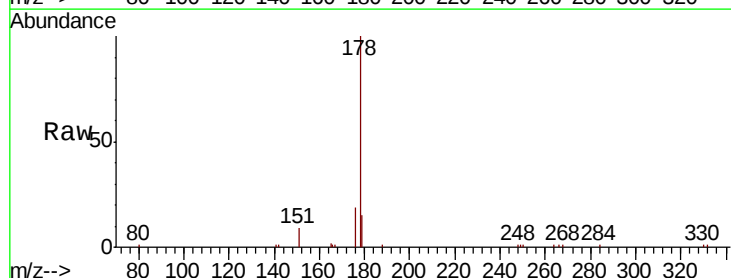
Tgt Ion:178 Resp: 6819

Ion Ratio Lower Upper

178 100

176 18.0 15.7 23.5

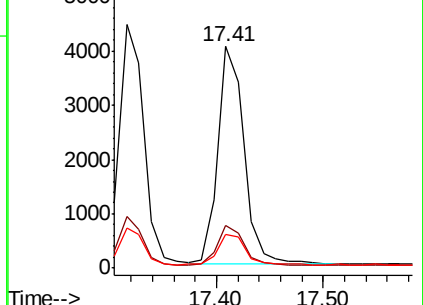
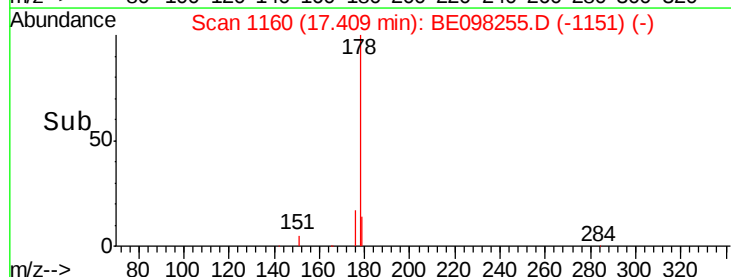
179 14.2 12.1 18.1

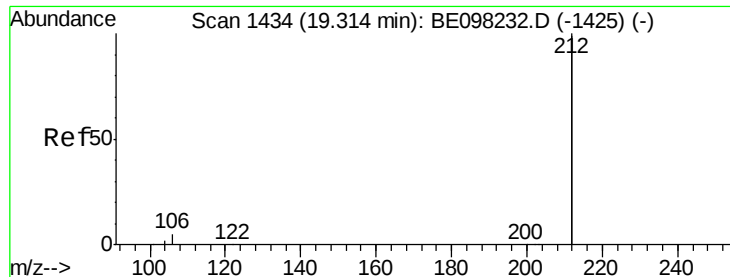


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

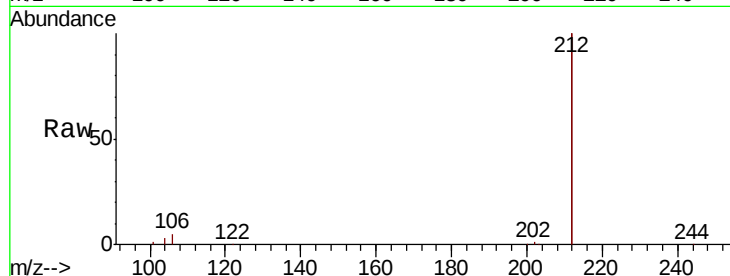
Tot Ion:212 Resp: 38727

Ion Ratio Lower Upper

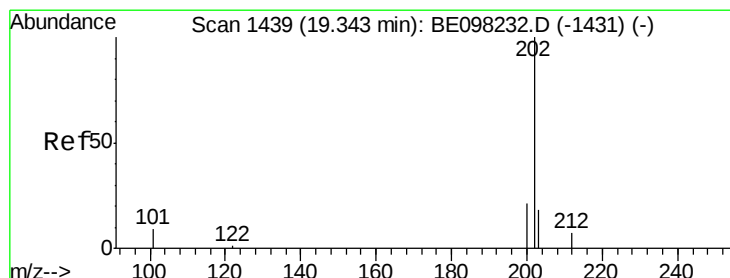
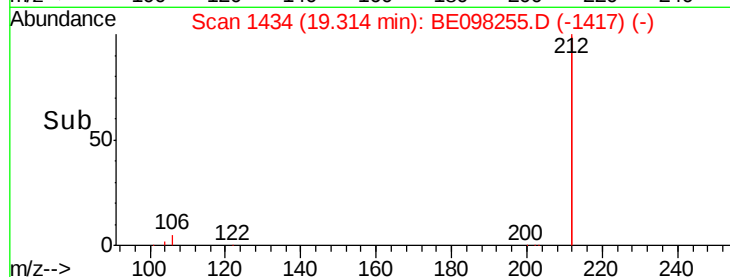
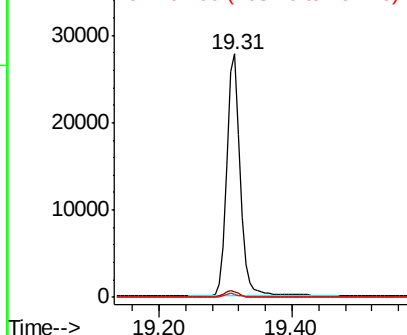
212 100

106 2.7 1.8 2.8

104 1.6 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: 0.437 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

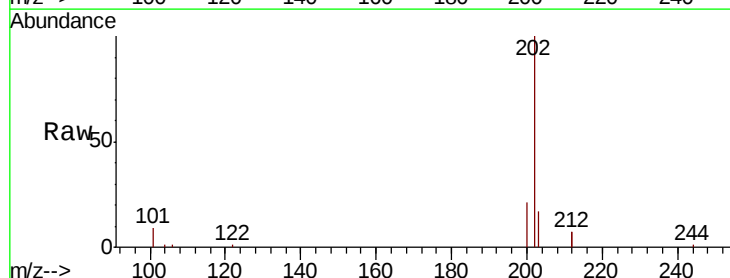
Tgt Ion:202 Resp: 10219

Ion Ratio Lower Upper

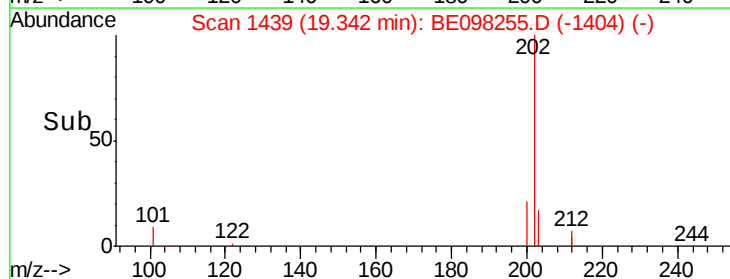
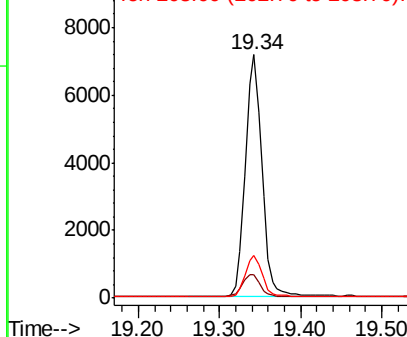
202 100

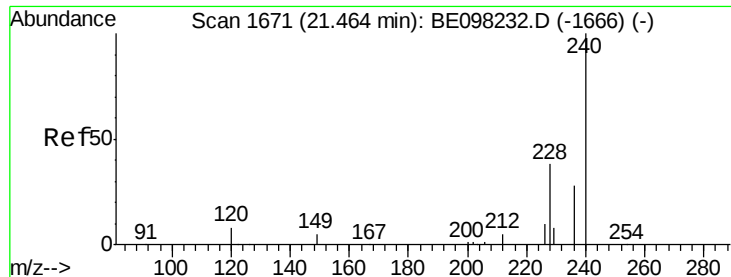
101 9.7 7.0 10.6

203 16.7 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: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

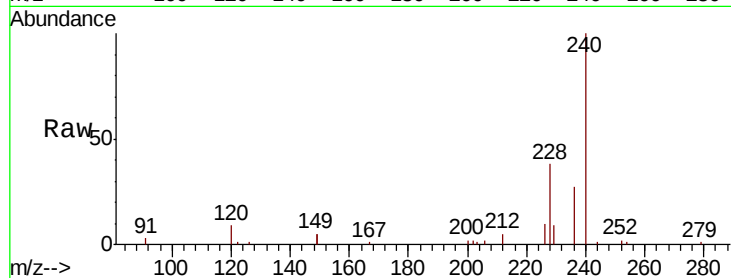
Tot Ion:240 Resp: 9695

Ion Ratio Lower Upper

240 100

120 9.3 4.8 7.2#

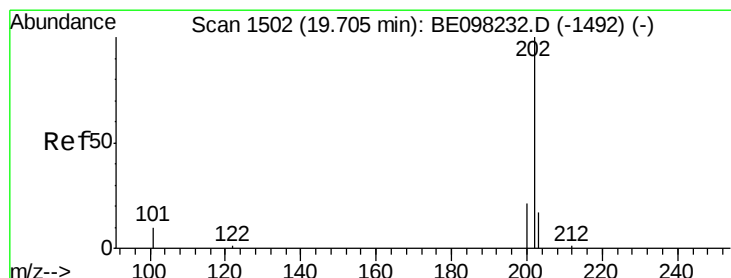
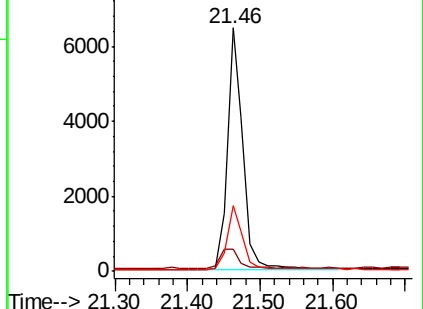
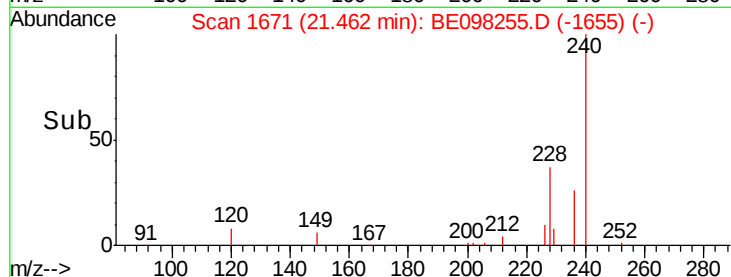
236 26.9 21.4 32.0



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: 0.360 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

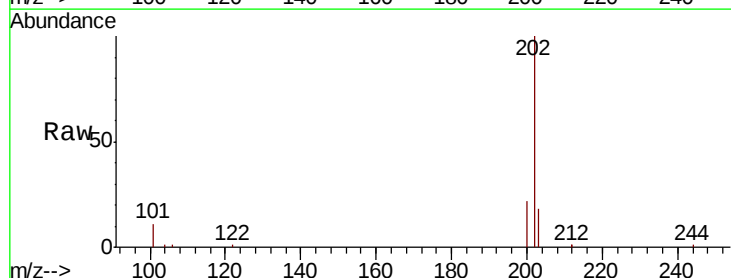
Tgt Ion:202 Resp: 10189

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

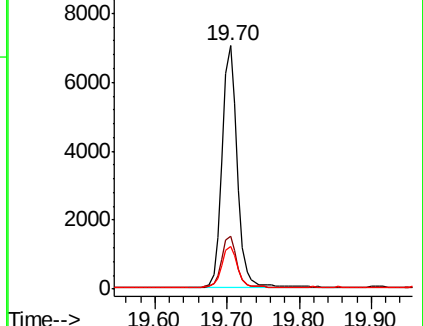
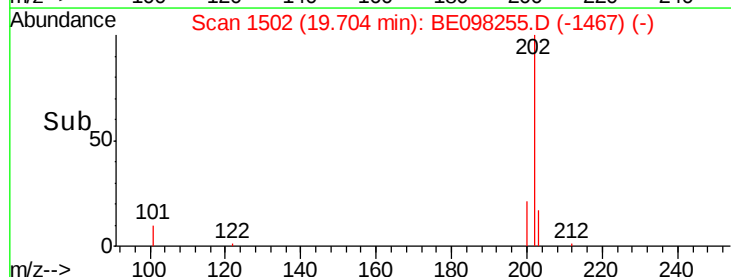
203 17.3 14.2 21.4

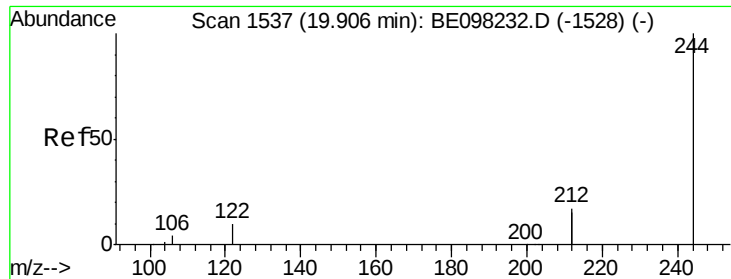


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.321 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

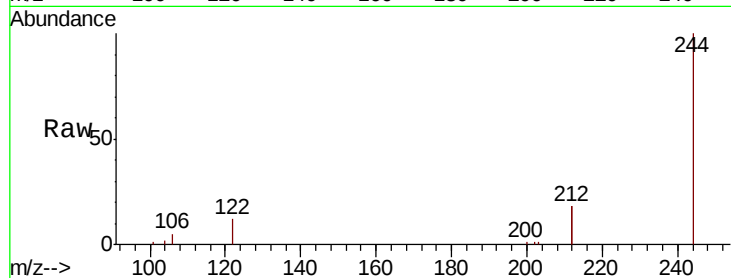
Tot Ion:244 Resp: 7152

Ion Ratio Lower Upper

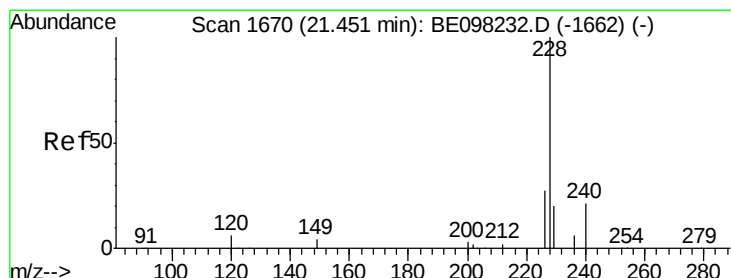
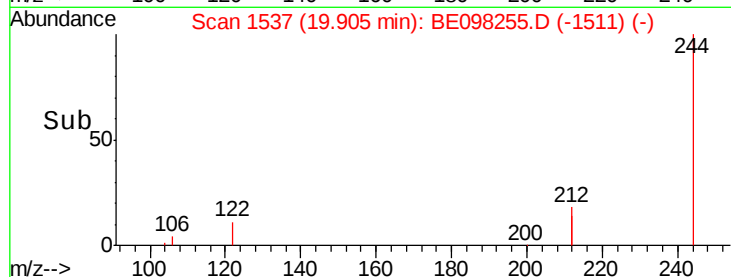
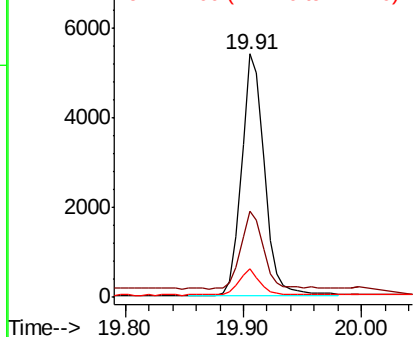
244 100

212 35.4 26.8 40.2

122 11.5 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: 0.379 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

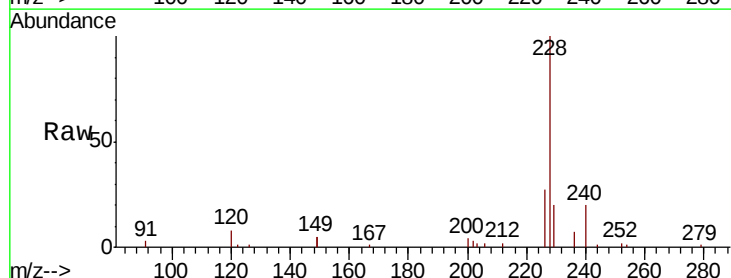
Tgt Ion:228 Resp: 10632

Ion Ratio Lower Upper

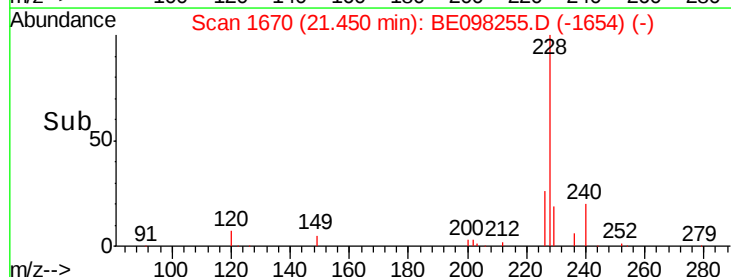
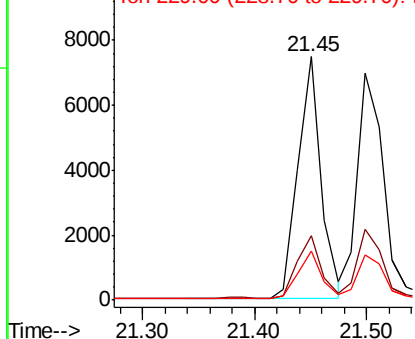
228 100

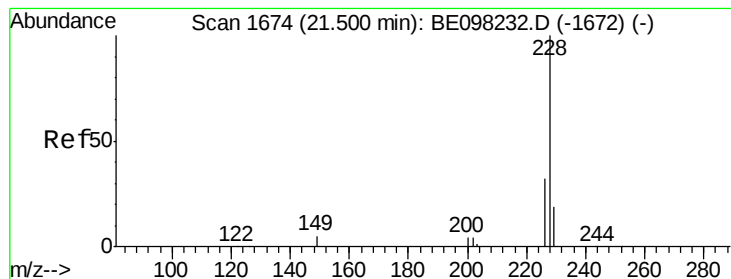
226 26.6 20.7 31.1

229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.379 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

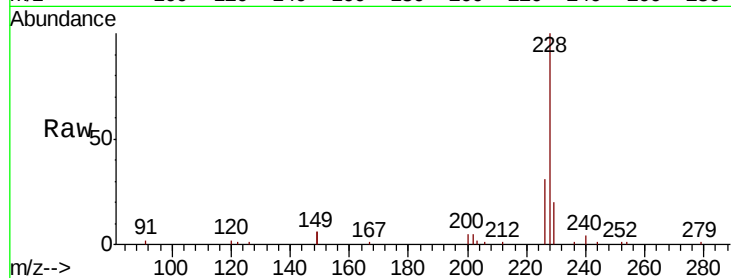
Tot Ion:228 Resp: 10923

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

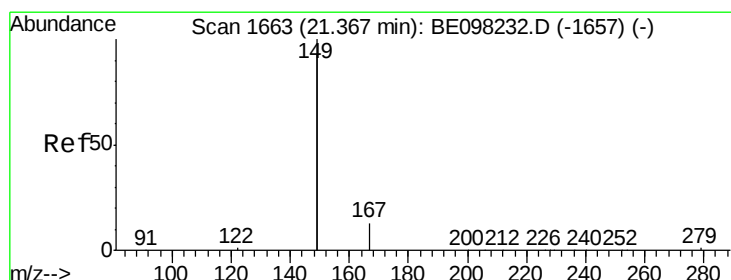
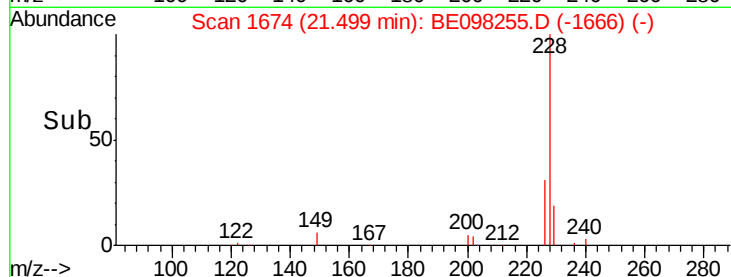
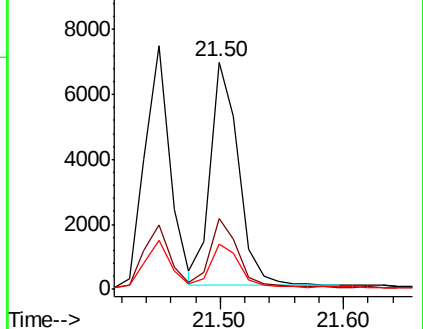
229 19.7 16.0 24.0



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: 0.374 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

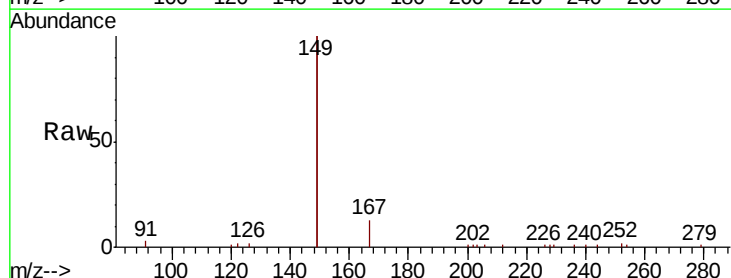
Tgt Ion:149 Resp: 16358

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

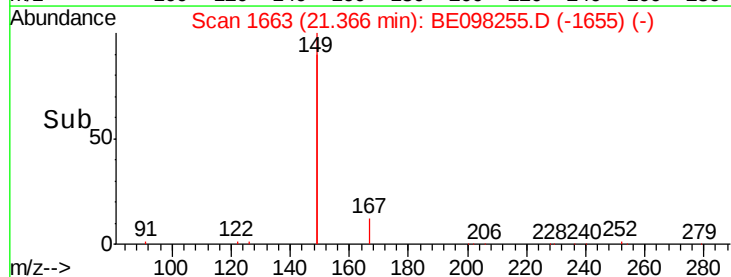
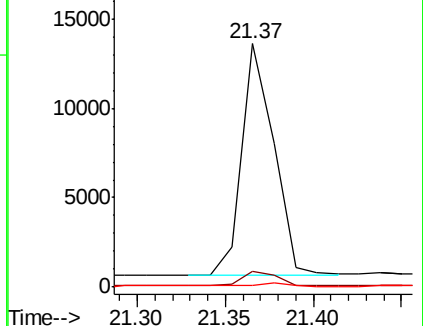
279 1.1 0.9 1.3

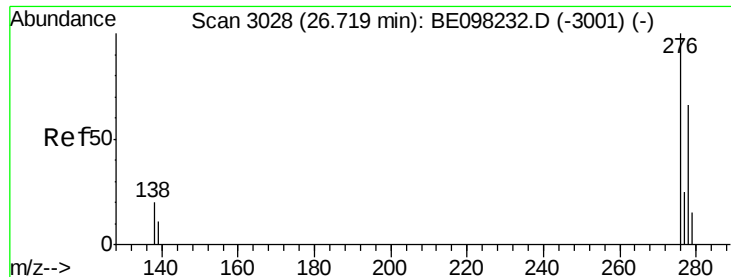


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

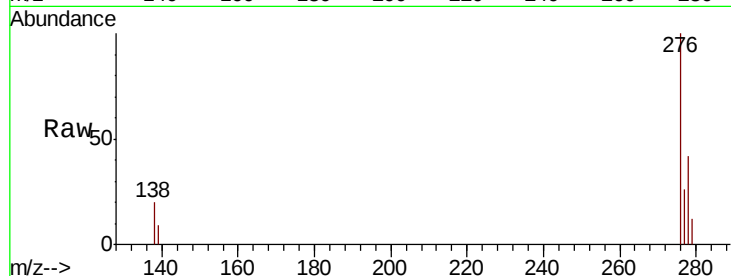




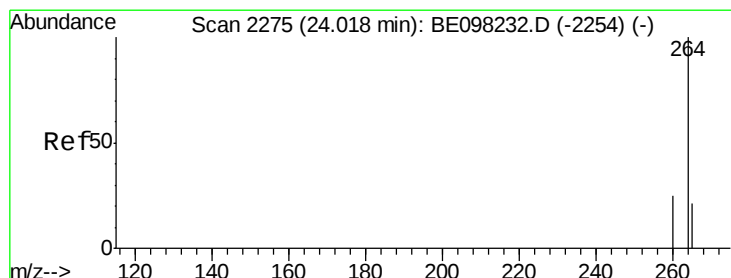
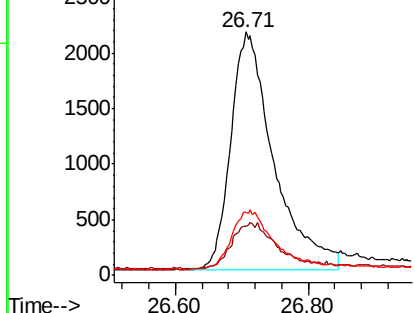
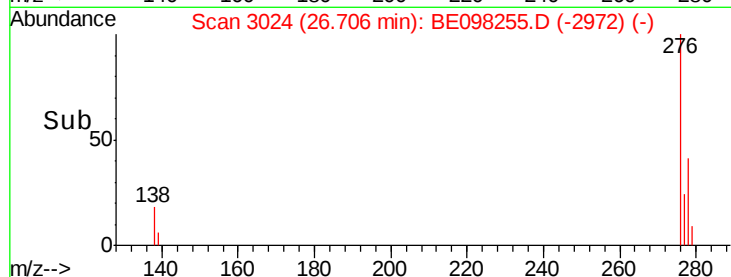
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.01 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 9648
Ion Ratio Lower Upper
276 100
138 0.0 6.4 9.6#
277 10.0 18.9 28.3#

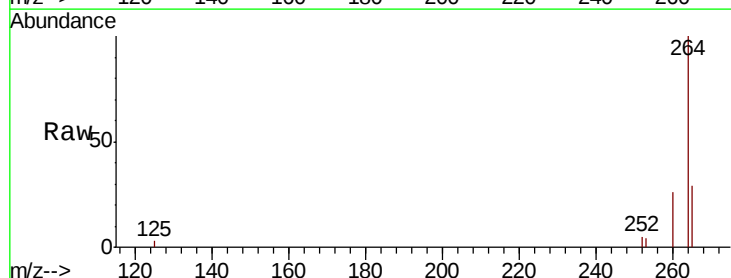


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

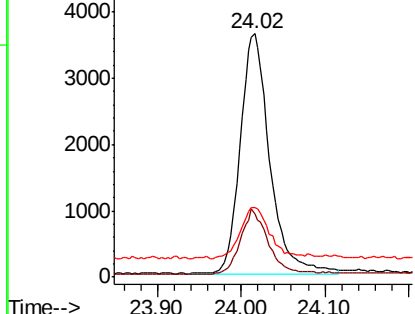
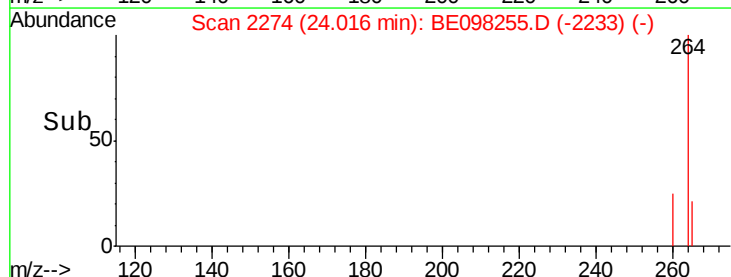


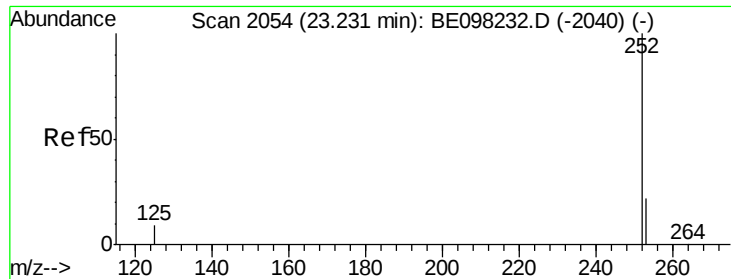
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:264 Resp: 8882
Ion Ratio Lower Upper
264 100
260 25.9 19.9 29.9
265 28.8 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: 0.401 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

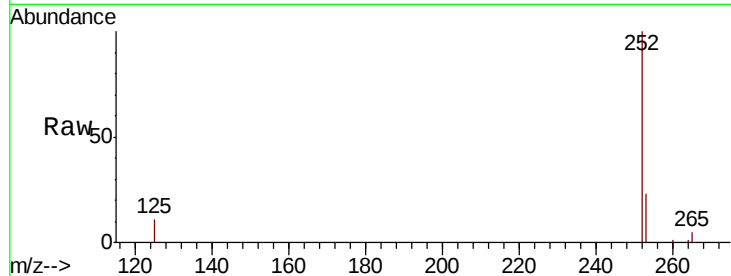
Tot Ion:252 Resp: 10050

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.0

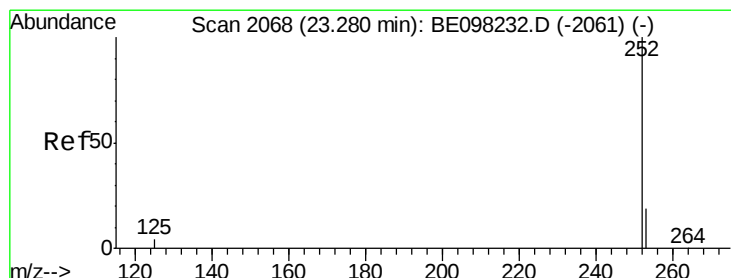
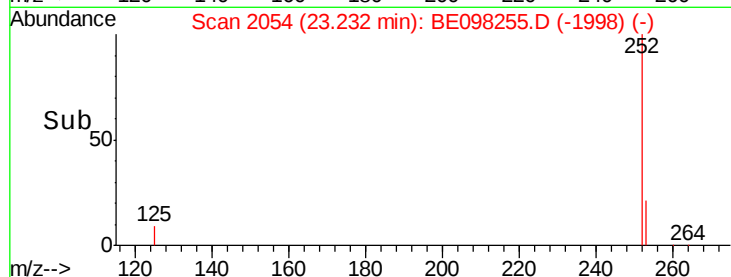
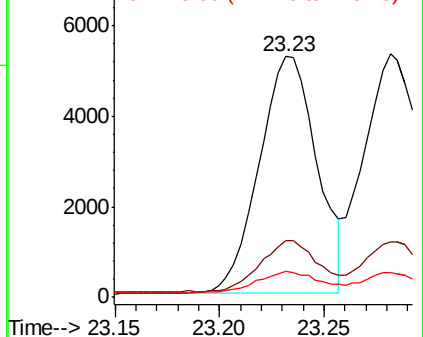
125 10.6 8.6 12.8



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: 0.380 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

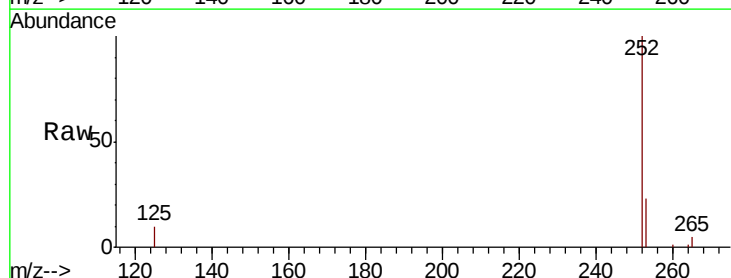
Tgt Ion:252 Resp: 10772

Ion Ratio Lower Upper

252 100

253 22.5 18.6 28.0

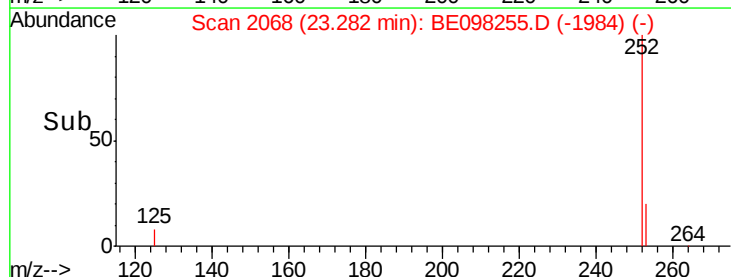
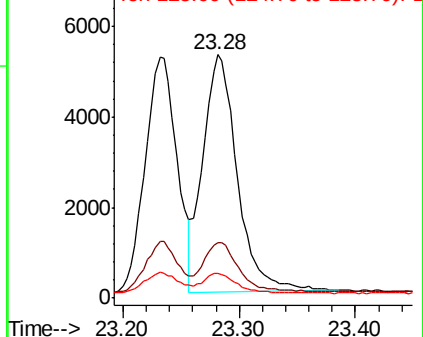
125 10.2 7.4 11.0

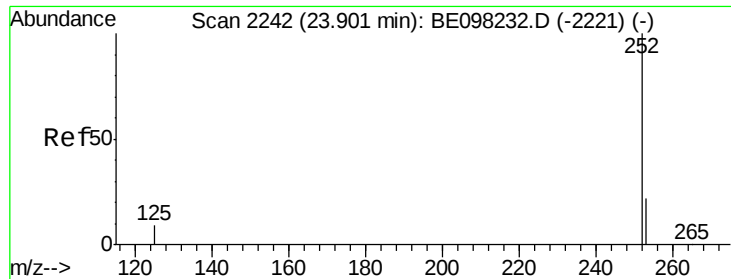


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

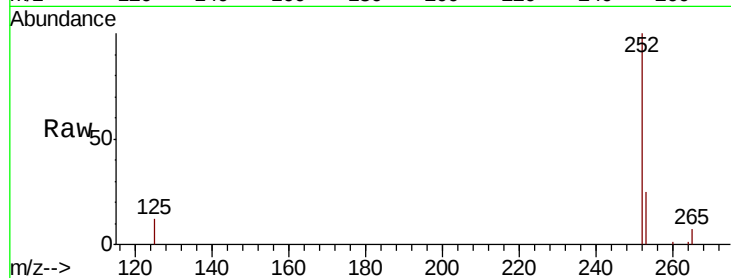
Tot Ion:252 Resp: 9715

Ion Ratio Lower Upper

252 100

253 24.7 18.6 27.8

125 11.8 8.0 12.0

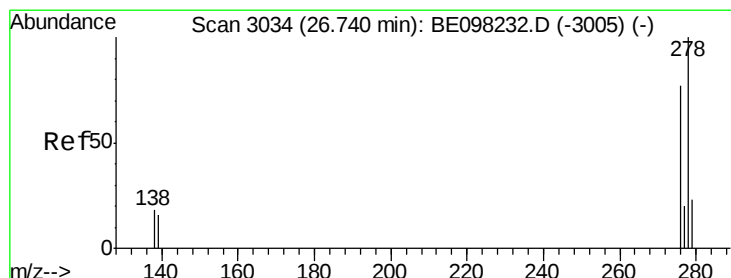
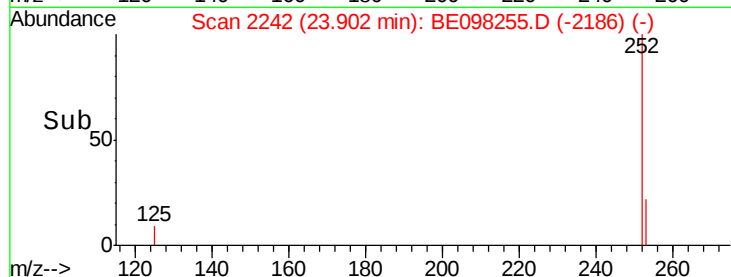
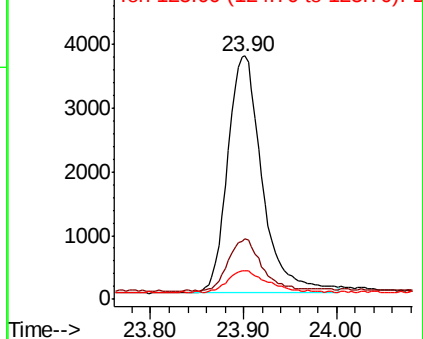


Abundance

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: 0.388 ng

RT: 26.73 min Scan# 3032

Delta R.T. -0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

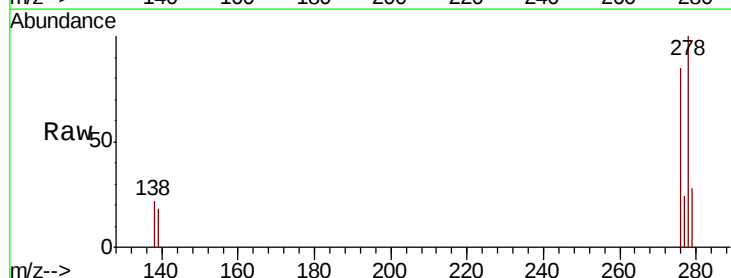
Tgt Ion:278 Resp: 7657

Ion Ratio Lower Upper

278 100

139 17.9 16.4 24.6

279 27.5 21.3 31.9

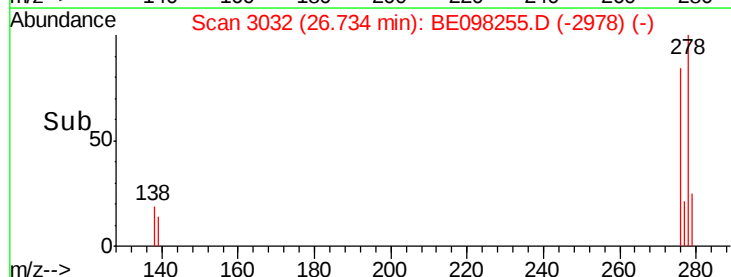
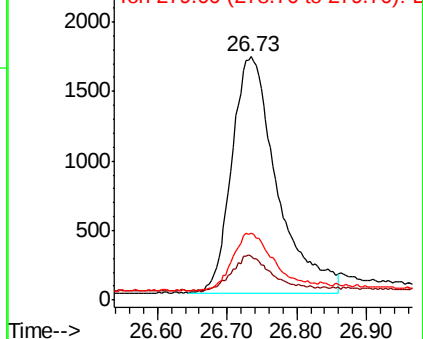


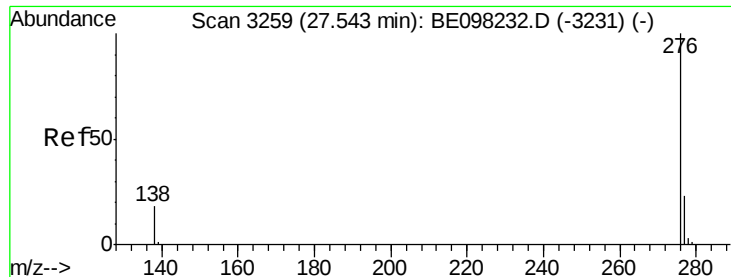
Abundance

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: 0.399 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.01 min

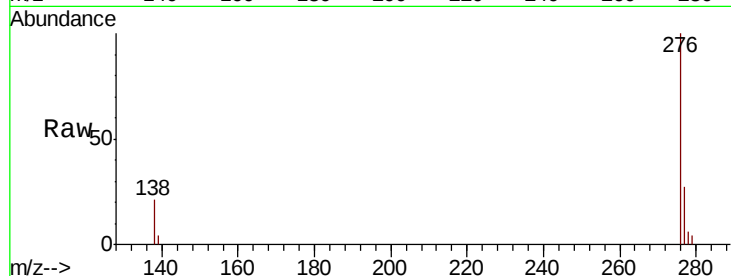
Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 8489

Ion Ratio Lower Upper

276 100

277 26.6 20.4 30.6

138 20.6 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

