

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098236.D
 Acq On : 16 Nov 2018 19:06
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 19:38:11 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	1421	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6634	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4238	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9709	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10448	0.40	ng	0.00
34) Perylene-d12	24.02	264	10006	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1618	0.42	ng	0.00
5) Phenol-d6	7.04	99	2504	0.42	ng	0.00
8) Nitrobenzene-d5	9.02	82	2718	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4786	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	582	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7366	0.40	ng	0.00
25) Fluoranthene-d10	19.31	212	47764	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	9851	0.41	ng	0.00

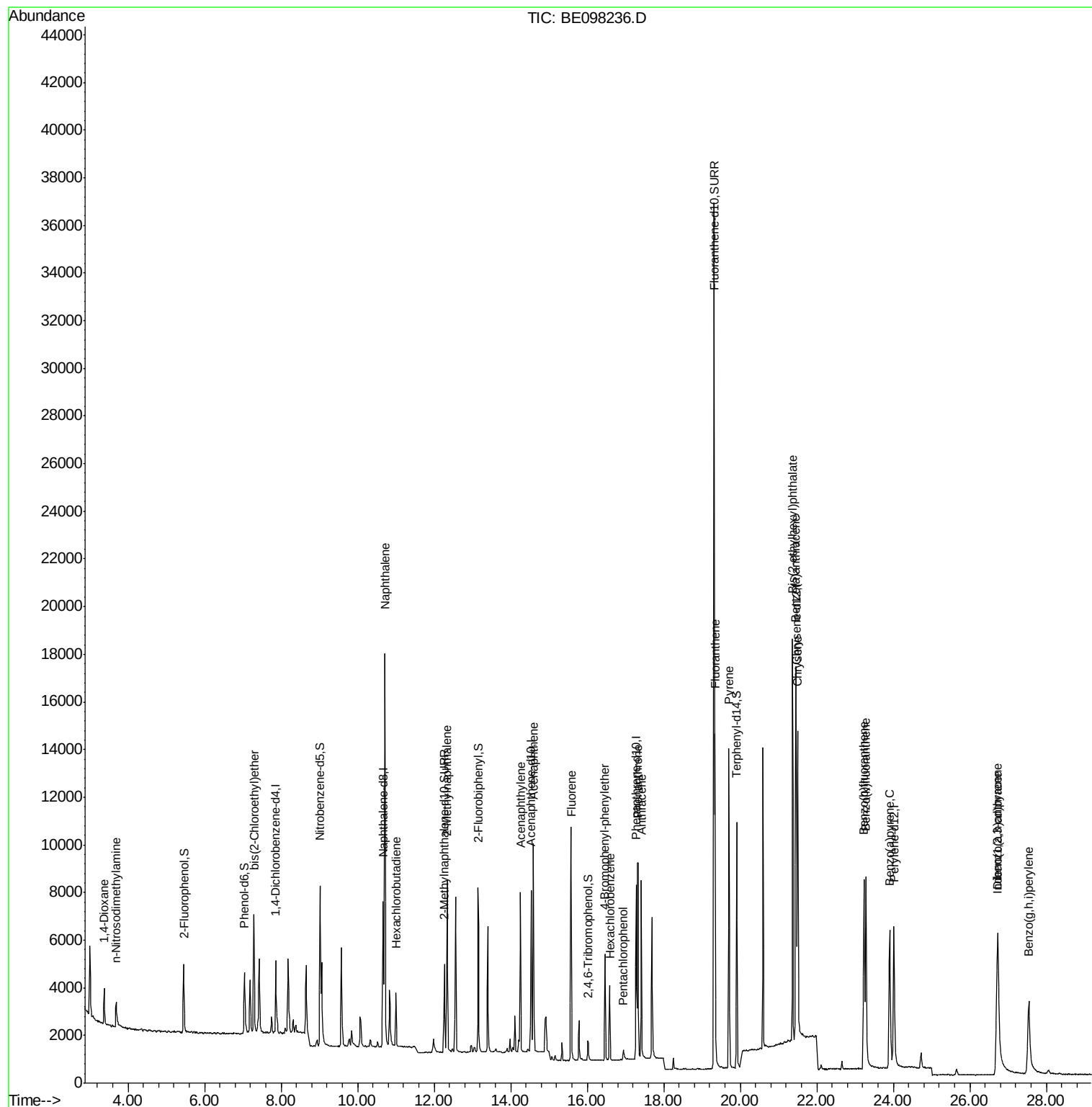
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	914	0.410	ng	92
3) n-Nitrosodimethylamine	3.68	42	1026	0.409	ng	94
6) bis(2-Chloroethyl)ether	7.29	93	2053	0.400	ng	93
9) Naphthalene	10.72	128	28156	0.417	ng	100
10) Hexachlorobutadiene	11.00	225	1625	0.410	ng	98
12) 2-Methylnaphthalene	12.34	142	4957	0.417	ng	93
16) Acenaphthylene	14.25	152	8064	0.400	ng	100
17) Acenaphthene	14.60	154	4888	0.406	ng	99
18) Fluorene	15.58	166	6288	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2434	0.405	ng	96
21) Hexachlorobenzene	16.59	284	2539	0.409	ng	97
22) Pentachlorophenol	16.94	266	339	0.380	ng	91
23) Phenanthrene	17.33	178	10071	0.403	ng	100
24) Anthracene	17.41	178	9159	0.404	ng	99
26) Fluoranthene	19.34	202	12201	0.407	ng	99
28) Pyrene	19.70	202	12585	0.412	ng	99
30) Benzo(a)anthracene	21.45	228	12336	0.408	ng	98
31) Chrysene	21.50	228	13207	0.425	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	19946	0.423	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	11141	0.419	ng	98
35) Benzo(b)fluoranthene	23.23	252	11385	0.403	ng	97
36) Benzo(k)fluoranthene	23.28	252	13141	0.412	ng	99
37) Benzo(a)pyrene	23.90	252	11132	0.401	ng	98
38) Dibenzo(a,h)anthracene	26.74	278	9236	0.415	ng	98
39) Benzo(g,h,i)perylene	27.54	276	9538	0.398	ng	97

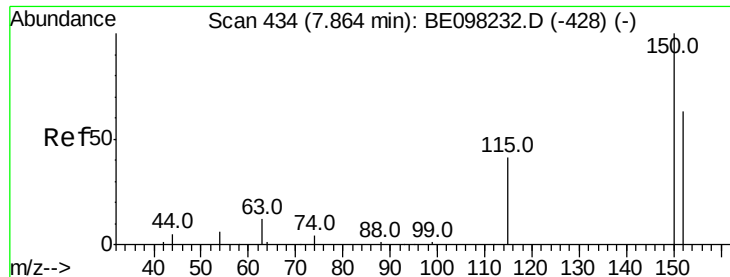
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

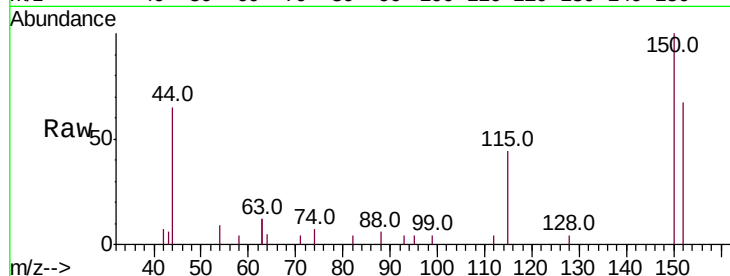
Tot Ion:152 Resp: 1421

Ion Ratio Lower Upper

152 100

150 149.8 127.5 191.3

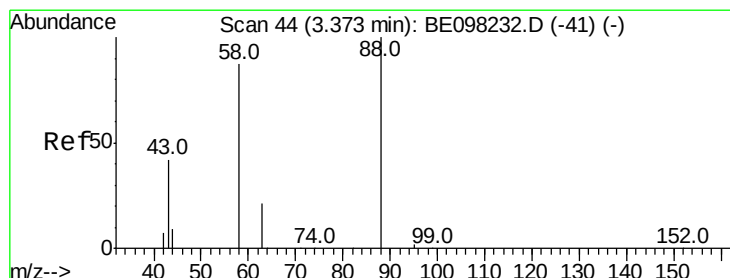
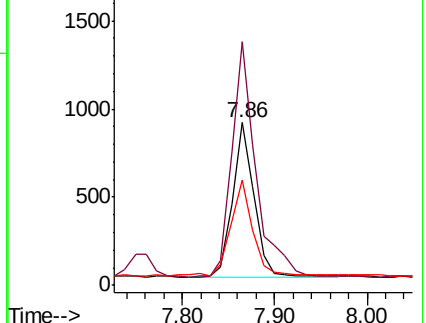
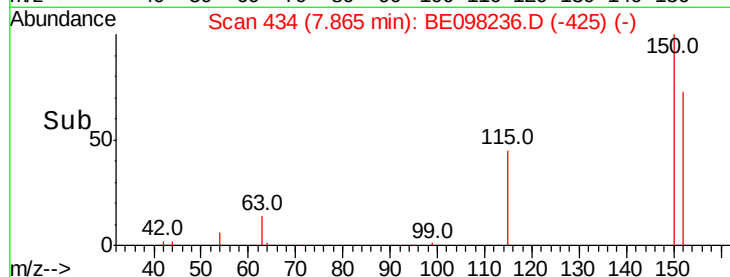
115 65.2 60.3 90.5



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: 0.410 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

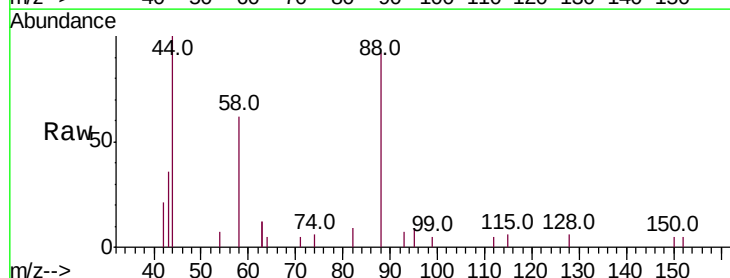
Tgt Ion: 88 Resp: 914

Ion Ratio Lower Upper

88 100

58 88.0 79.0 118.4

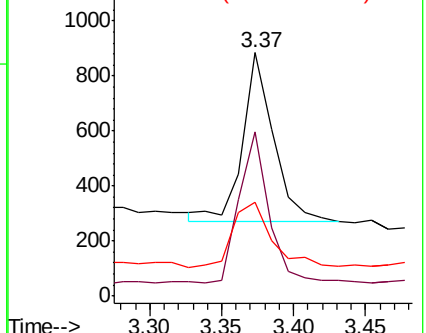
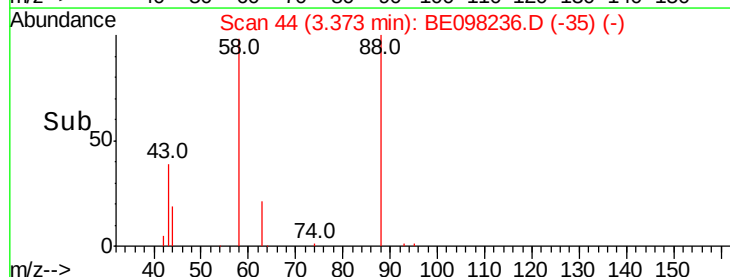
43 49.8 38.1 57.1

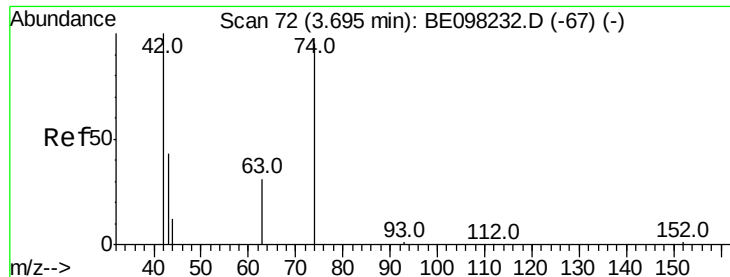


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.409 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

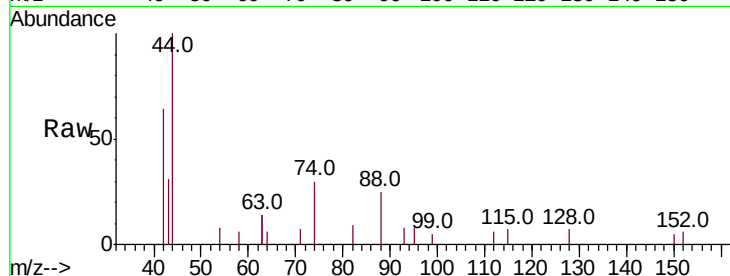
Tot Ion: 42 Resp: 1026

Ion Ratio Lower Upper

42 100

74 83.1 61.7 92.5

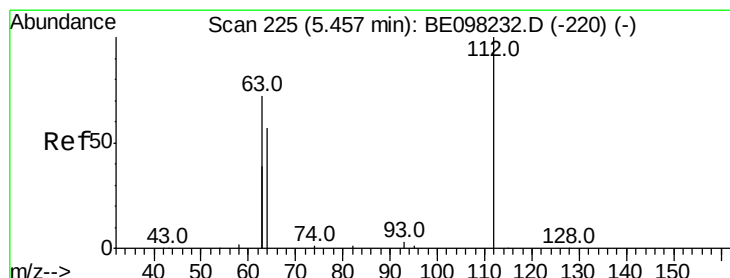
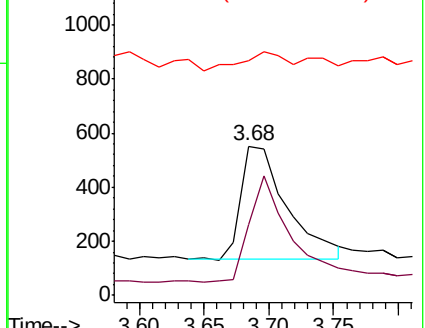
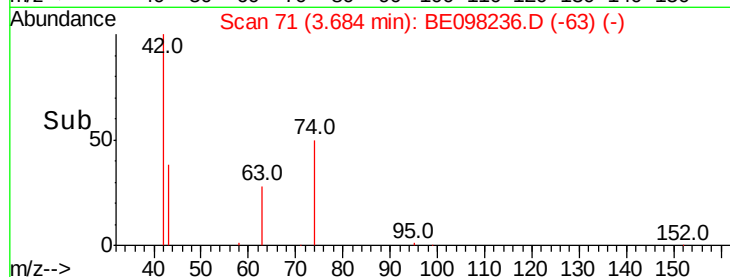
44 15.8 14.0 21.0



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: 0.425 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

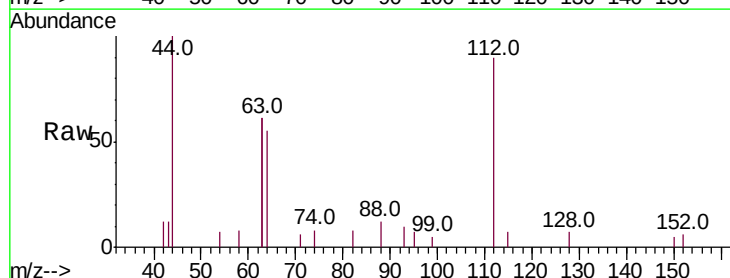
Tgt Ion: 112 Resp: 1618

Ion Ratio Lower Upper

112 100

64 73.9 61.7 92.5

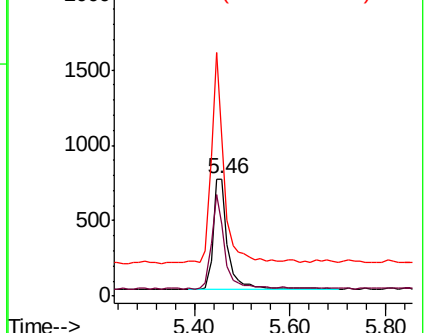
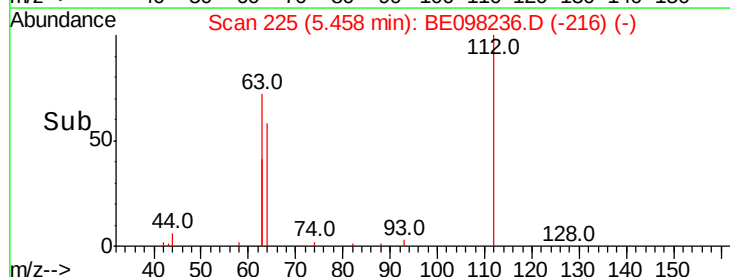
63 157.4 136.2 204.2

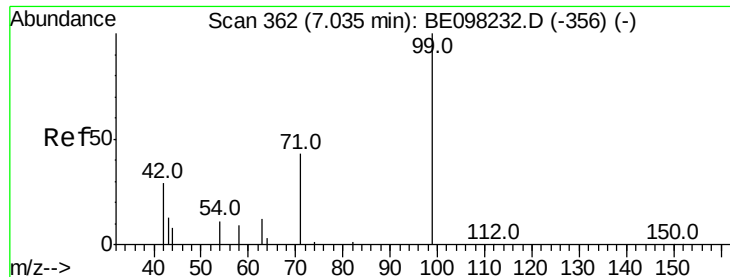


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.418 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

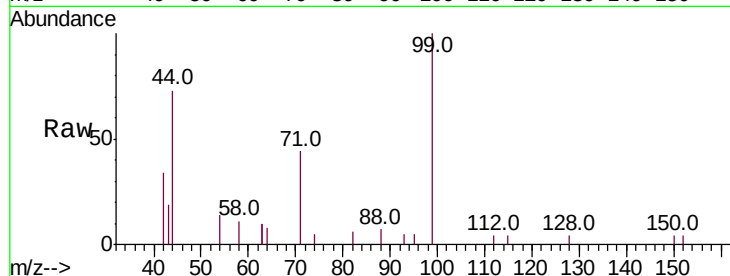
Tot Ion: 99 Resp: 2504

Ion Ratio Lower Upper

99 100

42 28.7 27.1 40.7

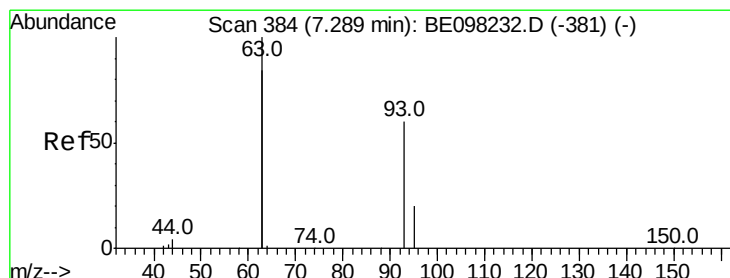
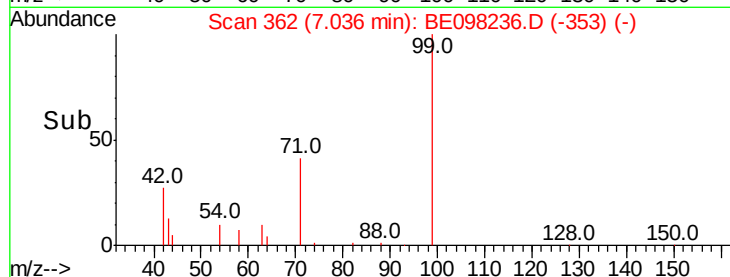
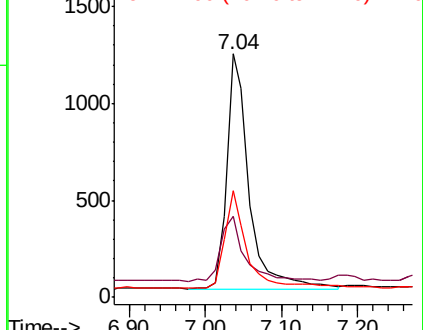
71 41.6 37.0 55.6



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: 0.400 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

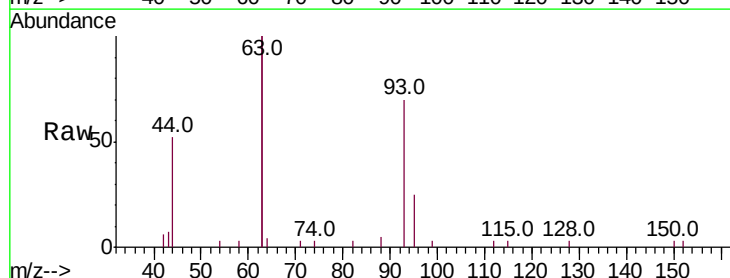
Tgt Ion: 93 Resp: 2053

Ion Ratio Lower Upper

93 100

63 326.0 272.6 409.0

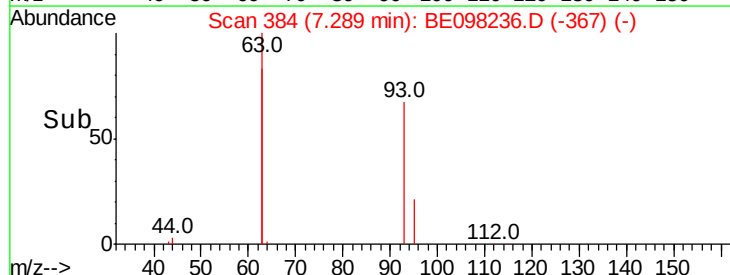
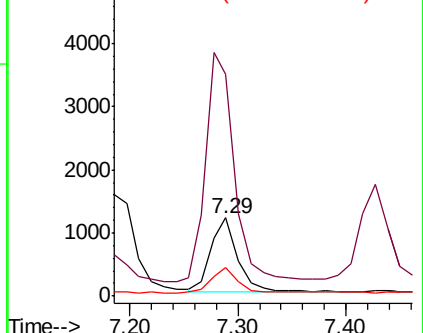
95 32.6 27.1 40.7

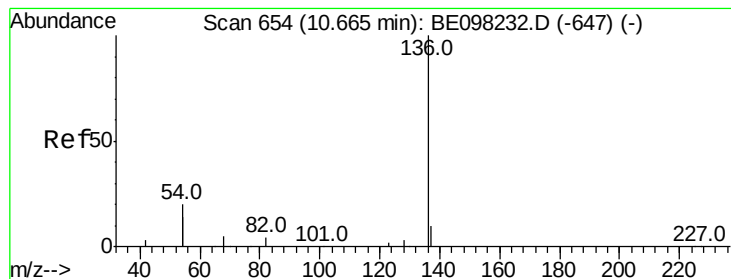


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6634

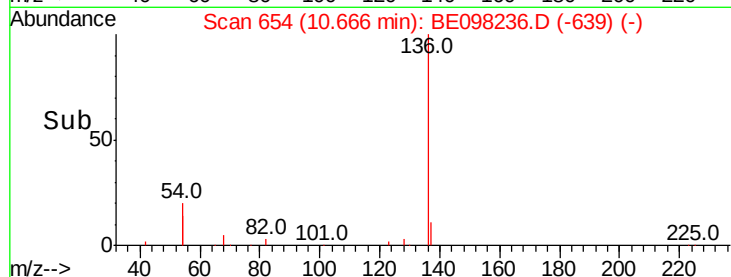
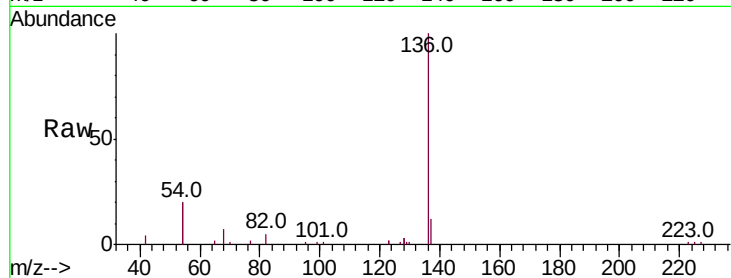
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 40.3 31.3 46.9

68 6.7 4.8 7.2

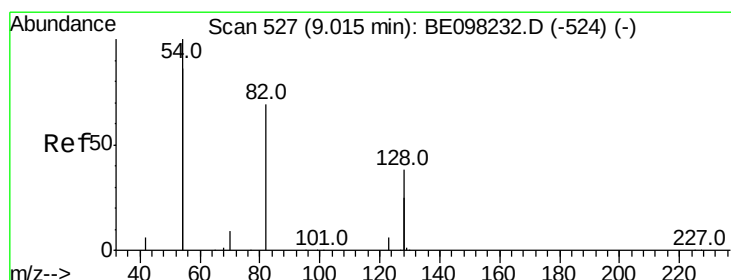
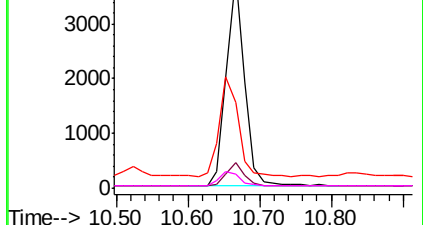


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.434 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

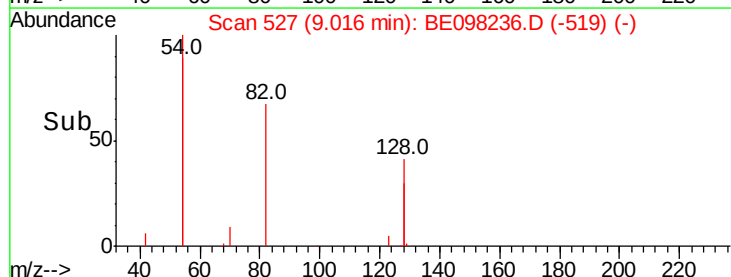
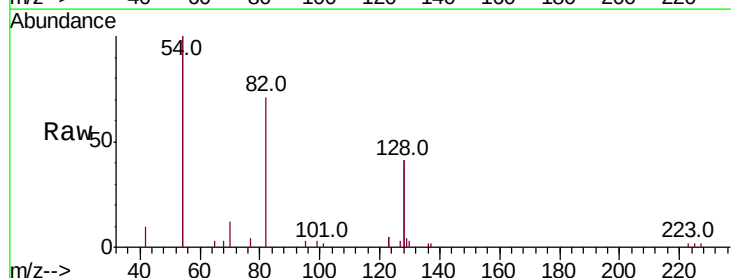
Tgt Ion: 82 Resp: 2718

Ion Ratio Lower Upper

82 100

128 114.7 96.1 144.1

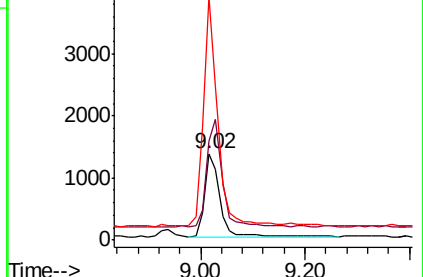
54 281.6 232.0 348.0

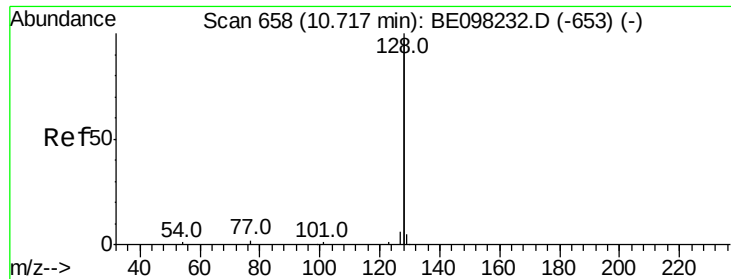


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.417 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

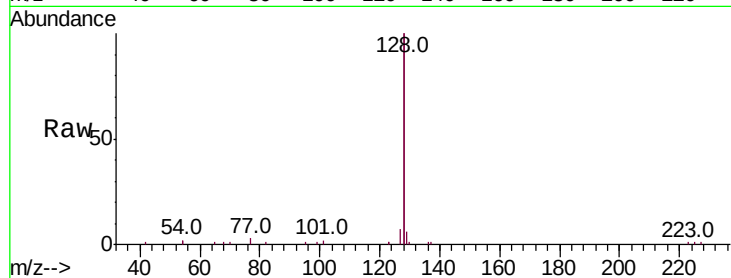
Tot Ion:128 Resp: 28156

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

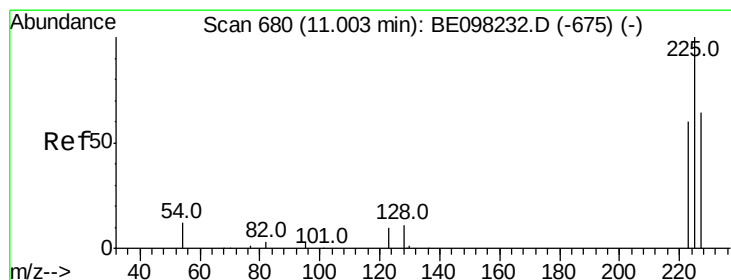
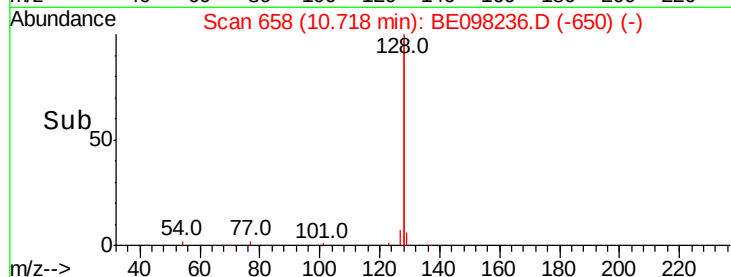
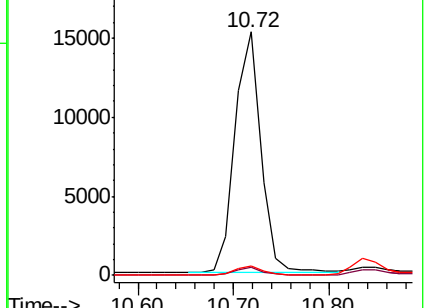
127 3.6 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.410 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

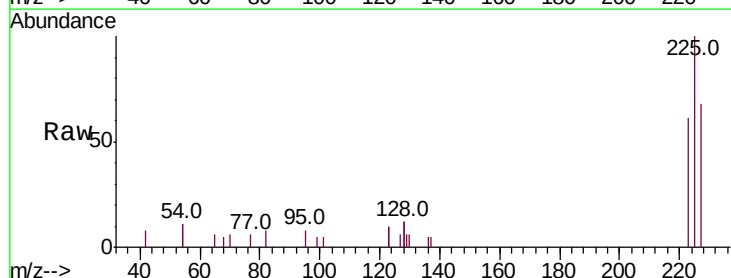
Tgt Ion:225 Resp: 1625

Ion Ratio Lower Upper

225 100

223 61.2 50.5 75.7

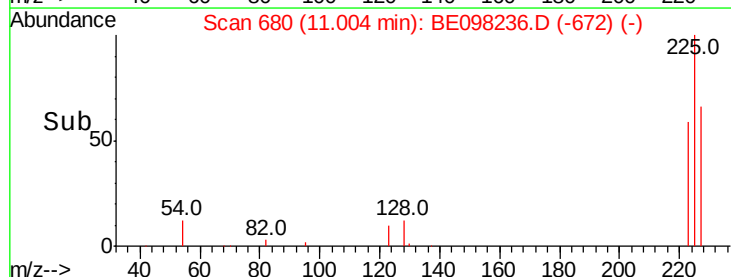
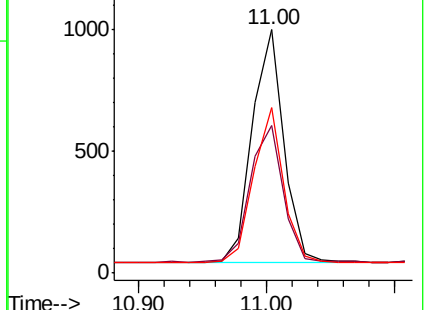
227 63.6 50.3 75.5

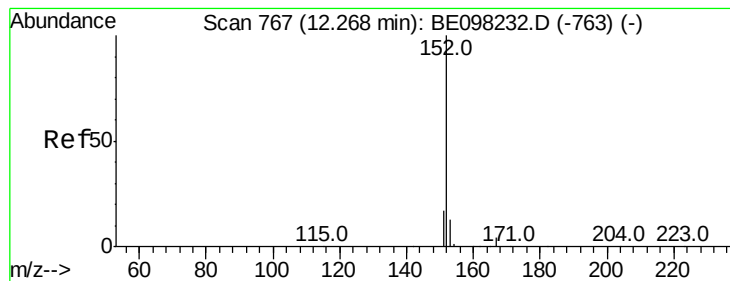


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

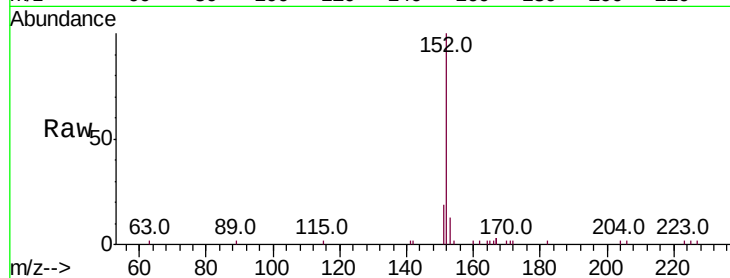
ClientSampleId :

Tot Ion:152 Resp: 4786

Ion Ratio Lower Upper

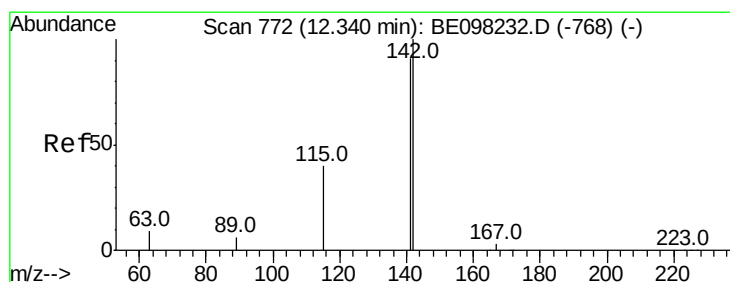
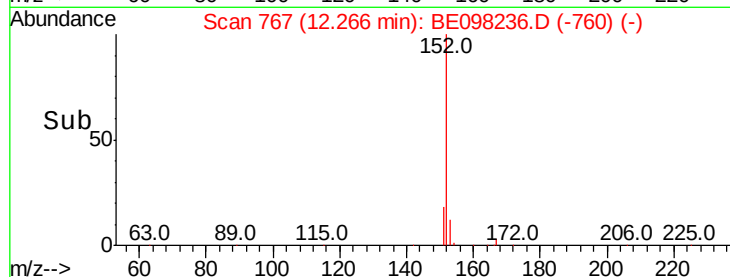
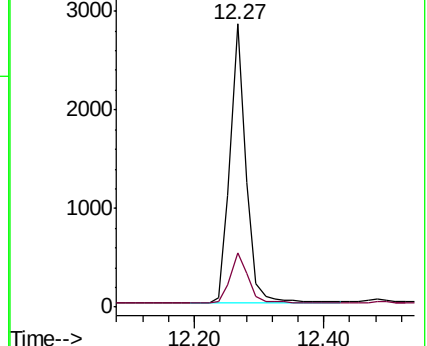
152 100

151 19.8 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: 0.417 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

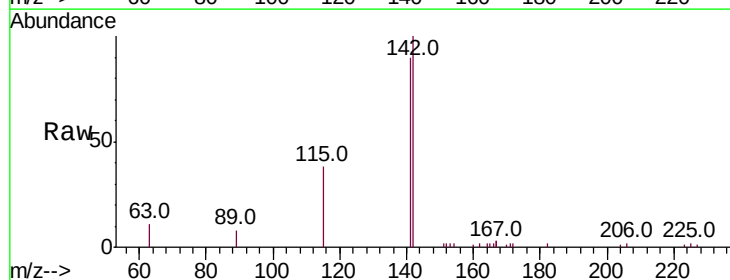
Tgt Ion:142 Resp: 4957

Ion Ratio Lower Upper

142 100

141 89.7 76.3 114.5

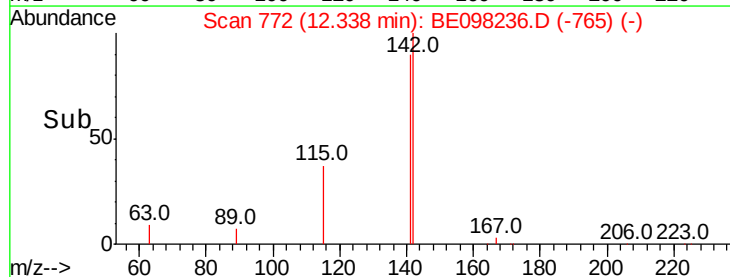
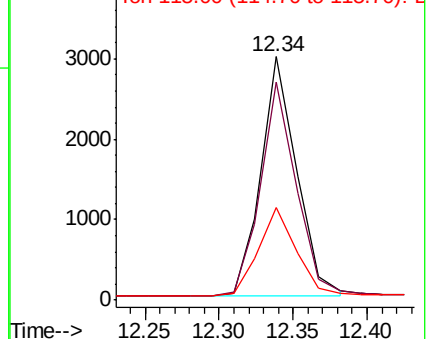
115 38.2 35.8 53.8

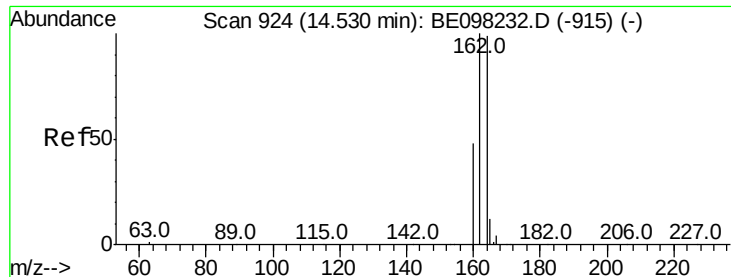


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

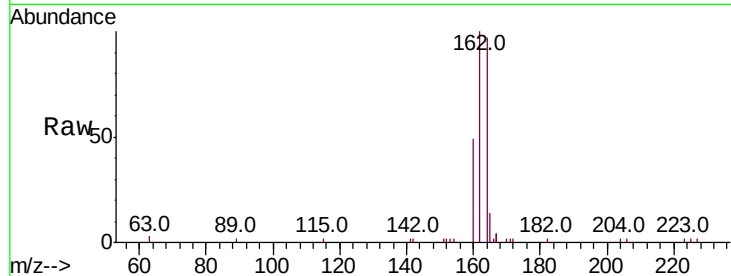
Tot Ion:164 Resp: 4238

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

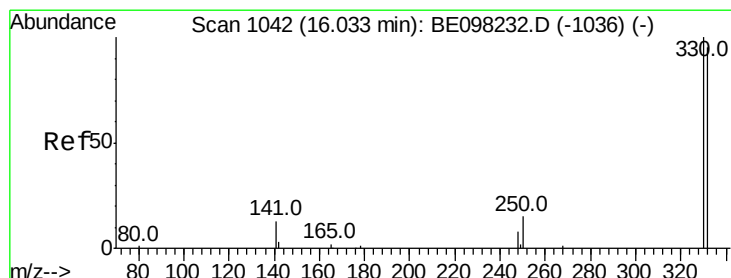
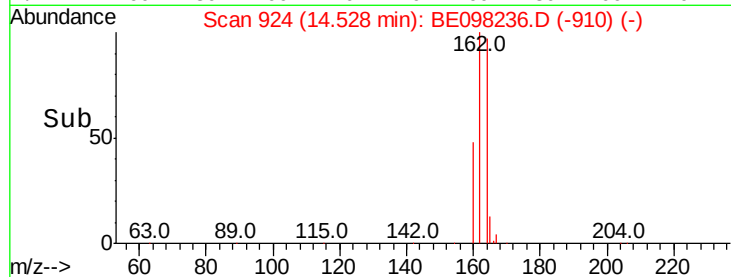
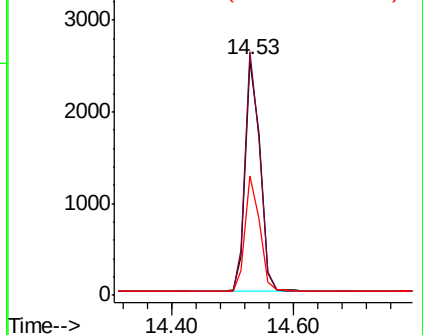
160 50.6 39.4 59.0



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: 0.426 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

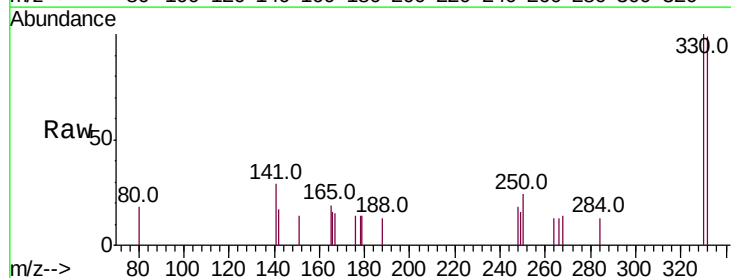
Tgt Ion:330 Resp: 582

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

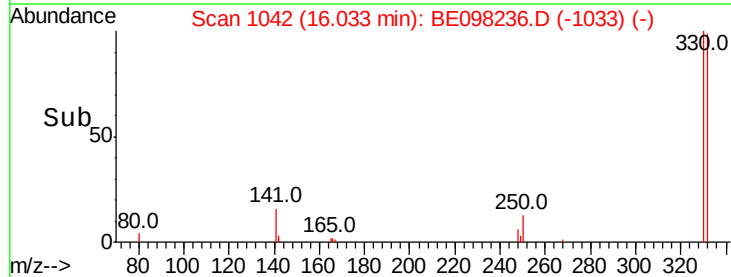
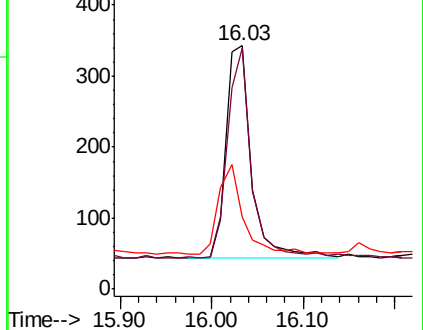
141 38.7 33.6 50.4

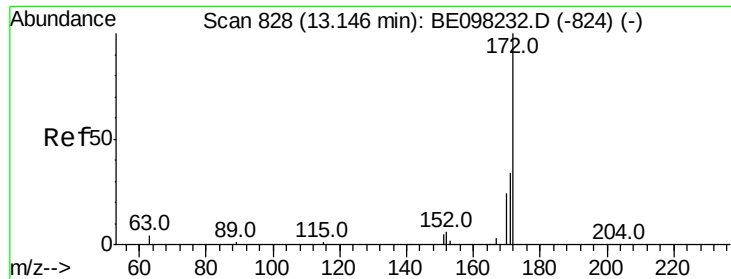


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

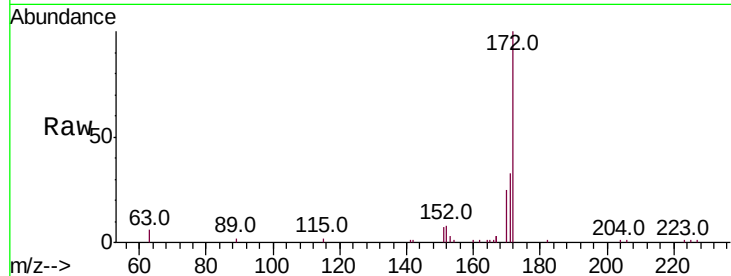




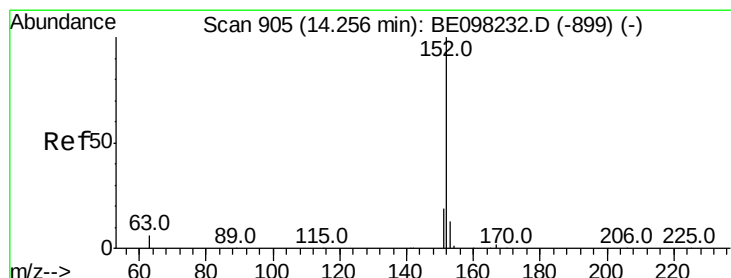
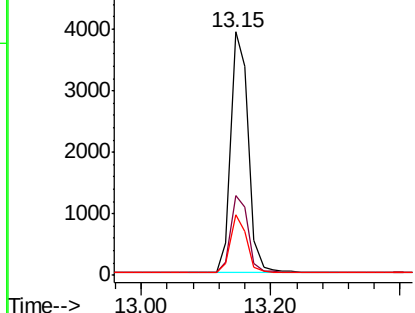
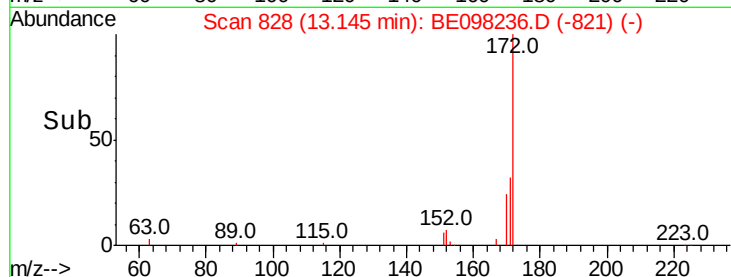
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 7366
Ion Ratio Lower Upper
172 100
171 32.5 27.3 40.9
170 24.9 19.4 29.0

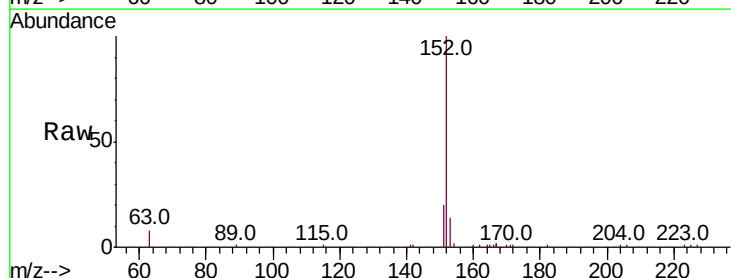


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

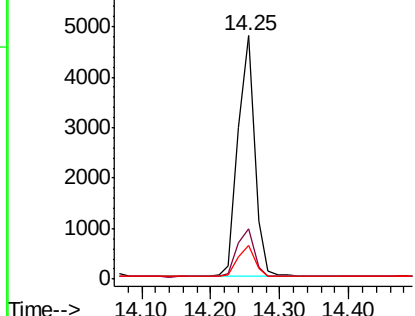
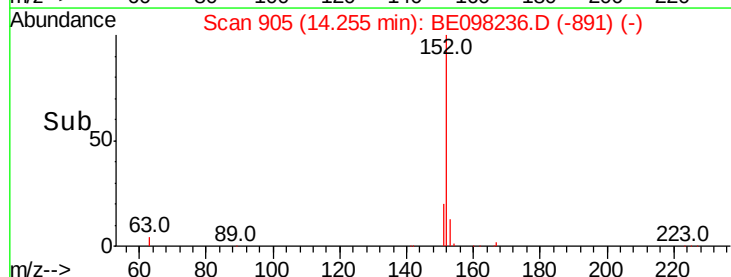


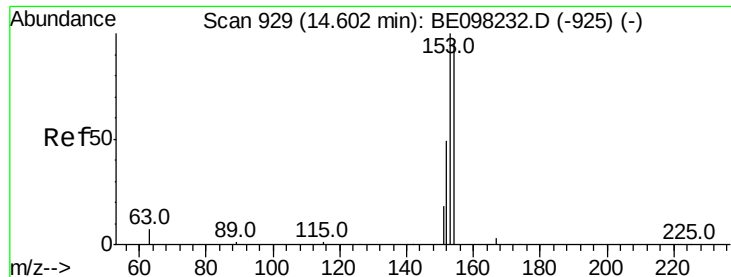
#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Tgt Ion:152 Resp: 8064
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.2 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

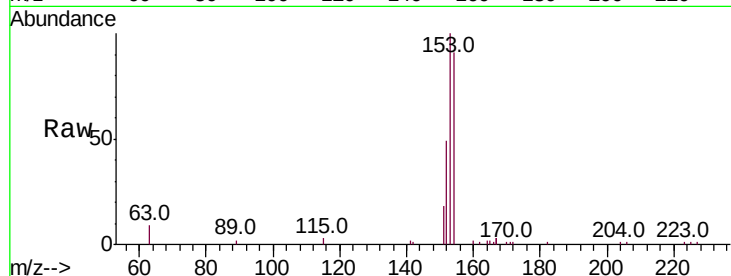




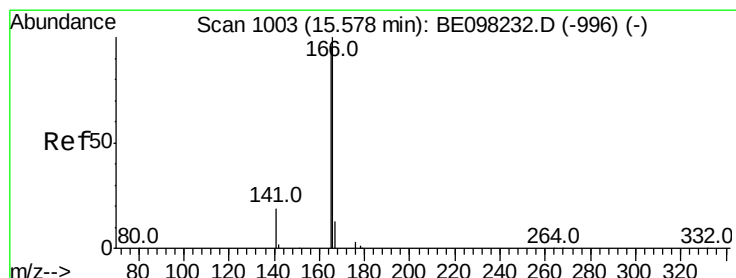
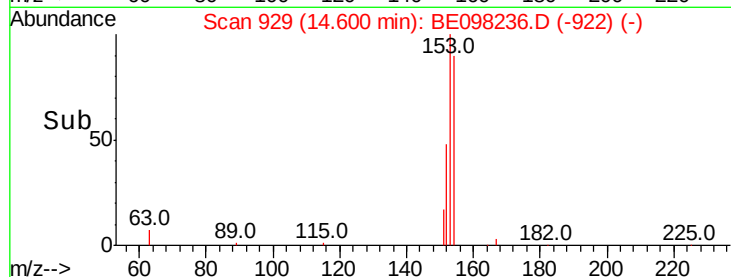
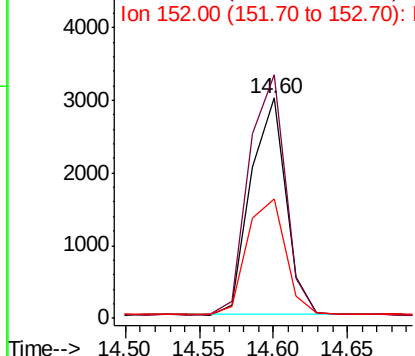
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 4888
Ion Ratio Lower Upper
154 100
153 115.8 92.1 138.1
152 58.9 46.2 69.2

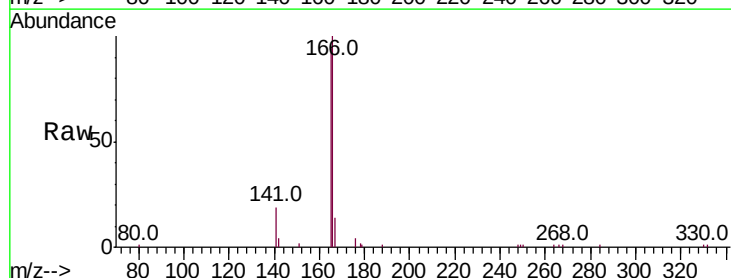


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

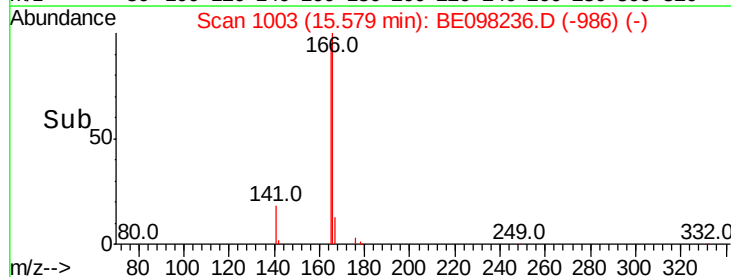
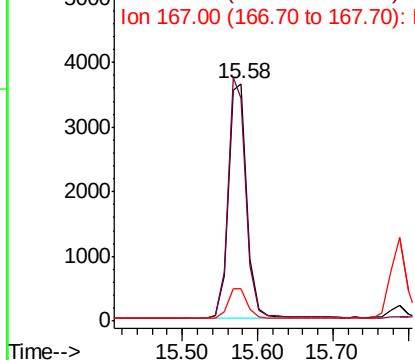


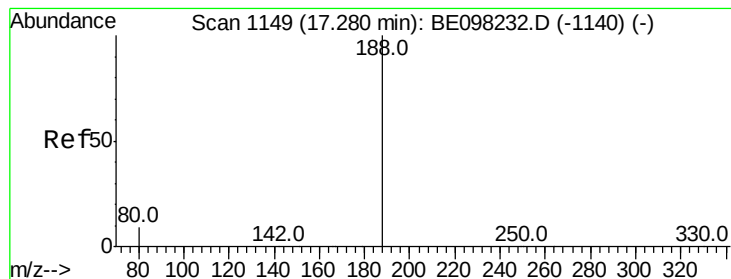
#18
Fluorene
Concen: 0.409 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Tgt Ion:166 Resp: 6288
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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

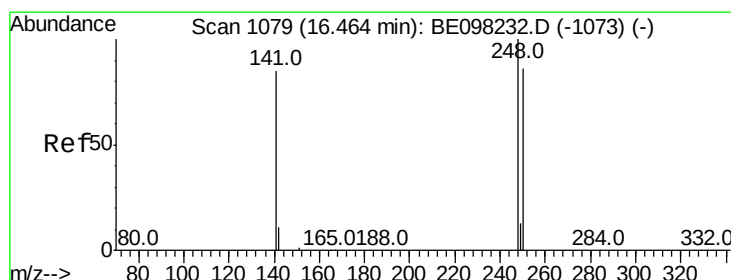
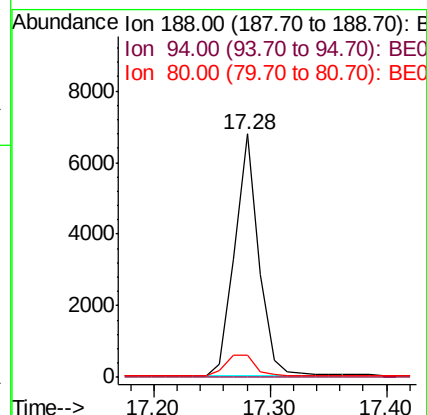
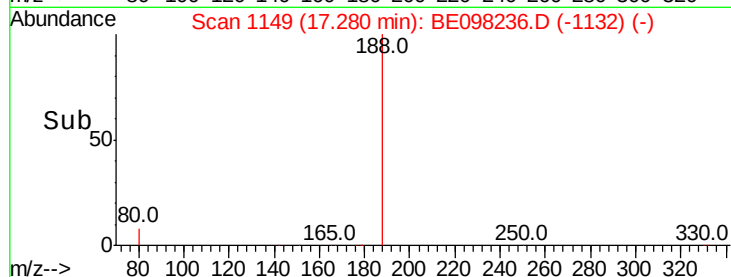
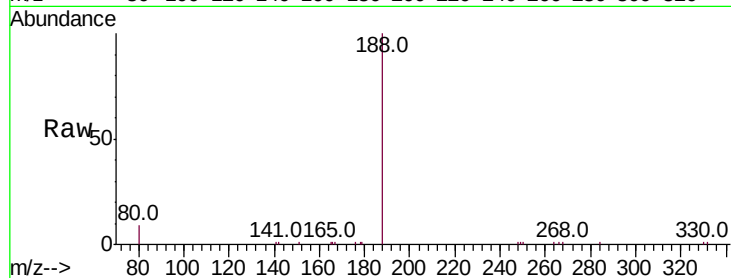
Tot Ion:188 Resp: 9709

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: 0.405 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

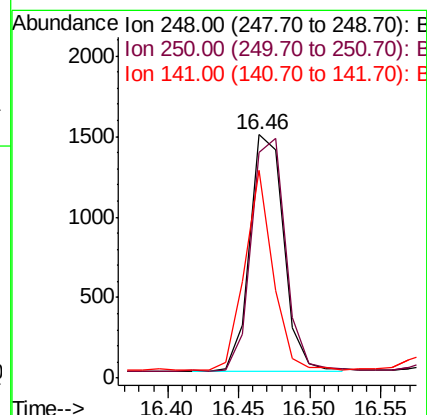
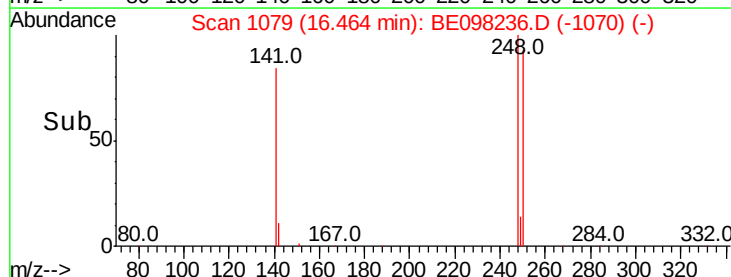
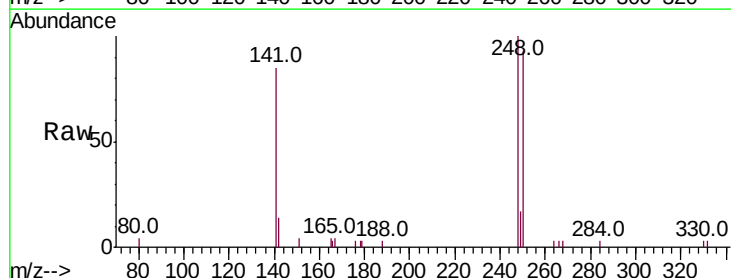
Tgt Ion:248 Resp: 2434

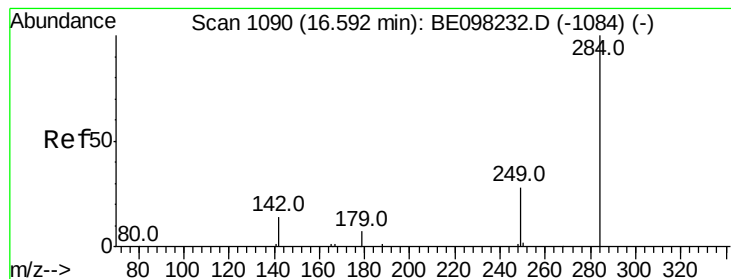
Ion Ratio Lower Upper

248 100

250 92.7 77.6 116.4

141 85.1 65.8 98.8





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

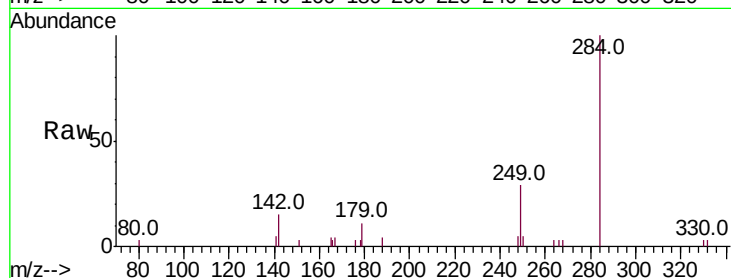
Instrument :

BNA_E

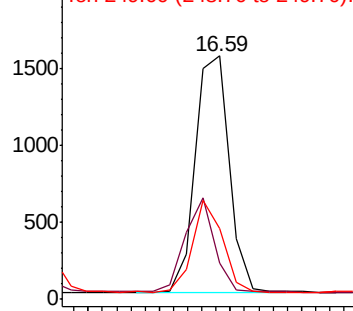
ClientSampleId :

Tot Ion:284 Resp: 2539

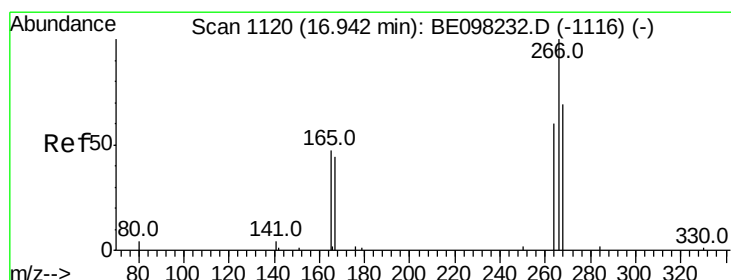
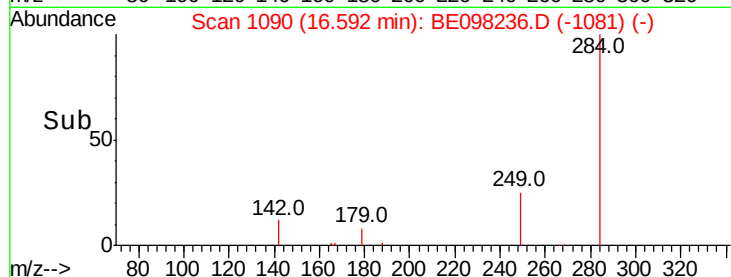
Ion	Ratio	Lower	Upper
284	100		
142	35.0	26.5	39.7
249	34.3	28.4	42.6



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



Time-->



#22

Pentachlorophenol

Concen: 0.380 ng

RT: 16.94 min Scan# 1120

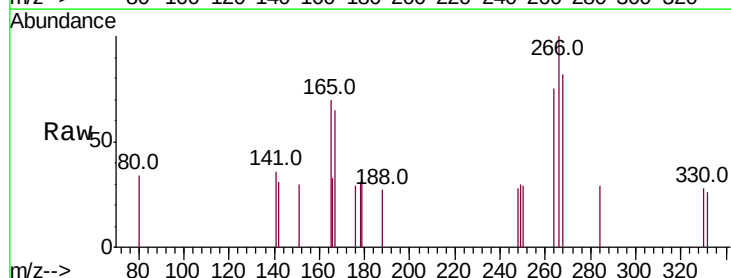
Delta R.T. 0.00 min

Lab File: BE098236.D

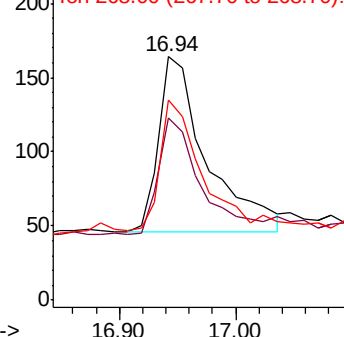
Acq: 16 Nov 2018 19:06

Tgt Ion:266 Resp: 339

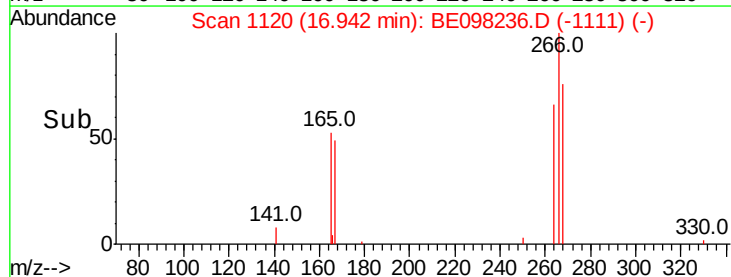
Ion	Ratio	Lower	Upper
266	100		
264	75.0	57.6	86.4
268	82.3	56.8	85.2

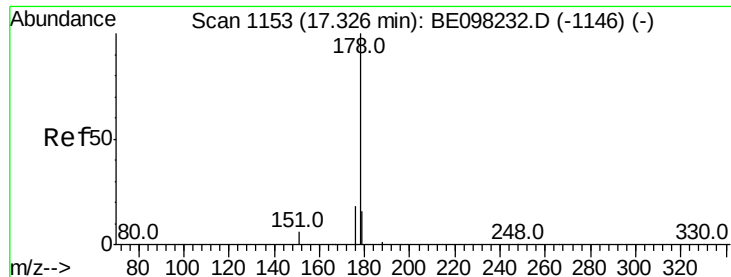


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

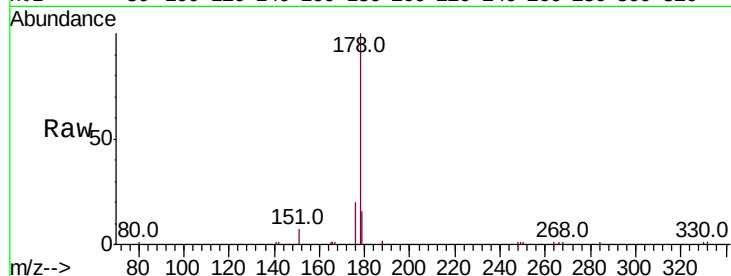
Tot Ion:178 Resp: 10071

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

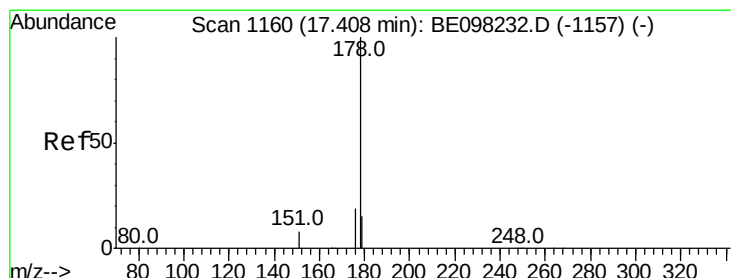
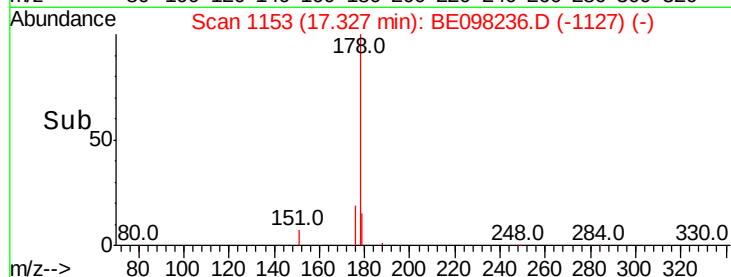
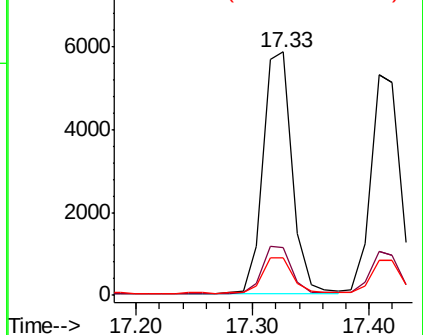
179 15.7 12.3 18.5



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: 0.404 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

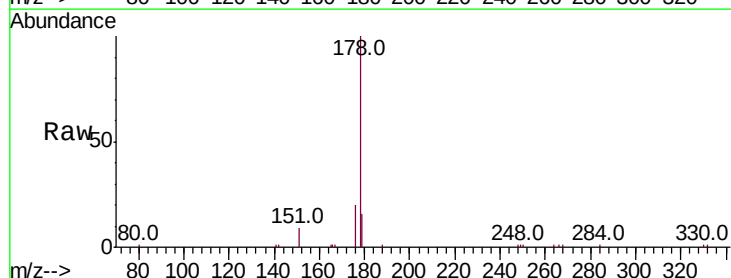
Tgt Ion:178 Resp: 9159

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

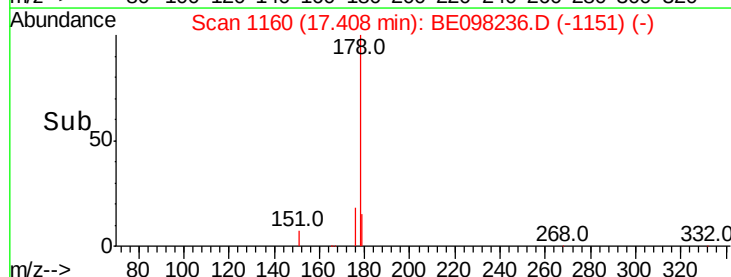
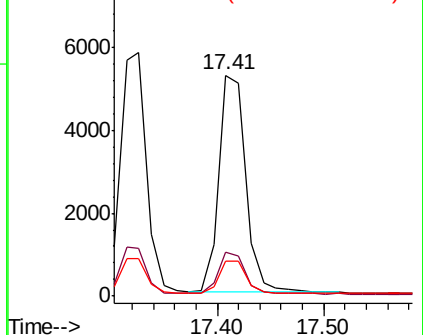
179 15.2 12.1 18.1

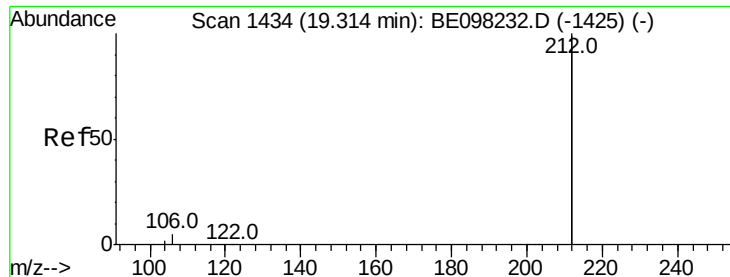


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

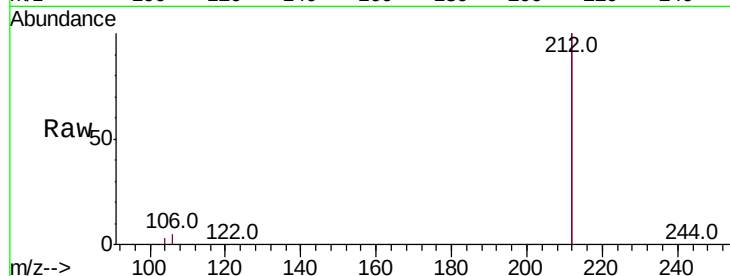
Tot Ion:212 Resp: 47764

Ion Ratio Lower Upper

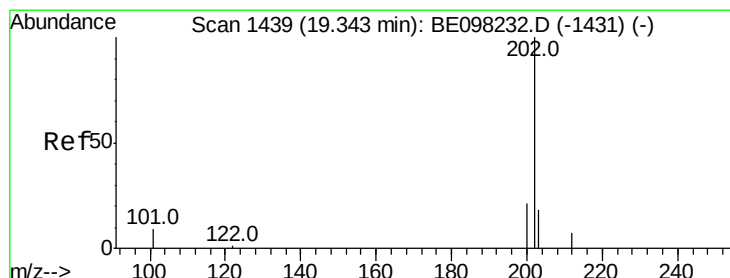
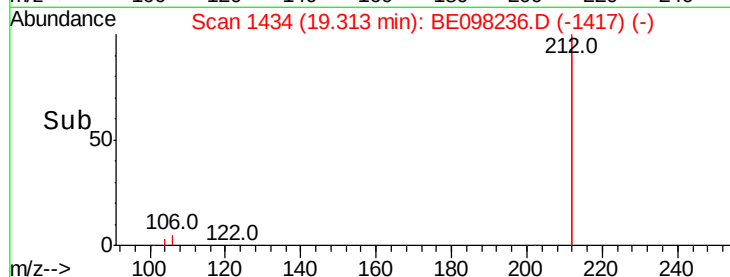
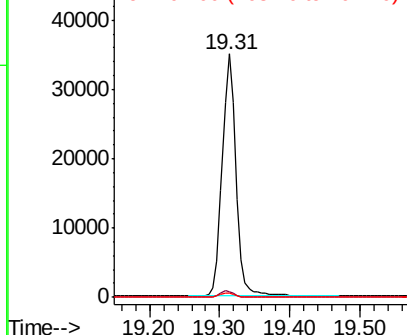
212 100

106 2.7 1.8 2.8

104 1.5 1.1 1.7



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.407 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

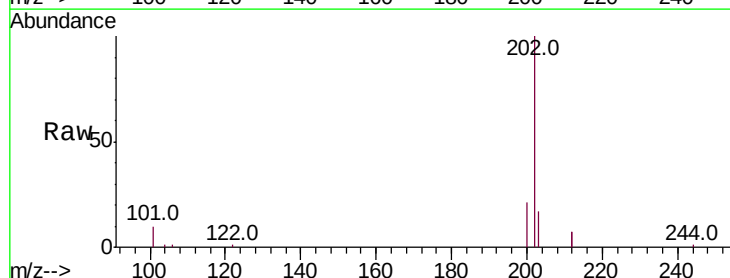
Tgt Ion:202 Resp: 12201

Ion Ratio Lower Upper

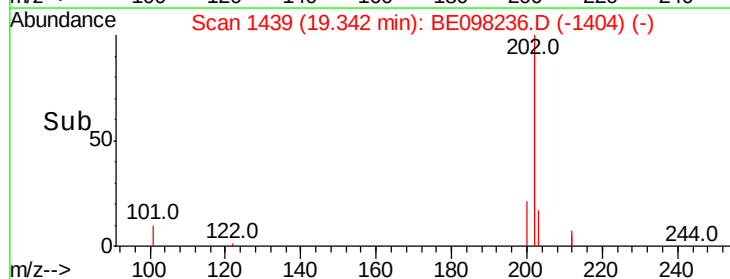
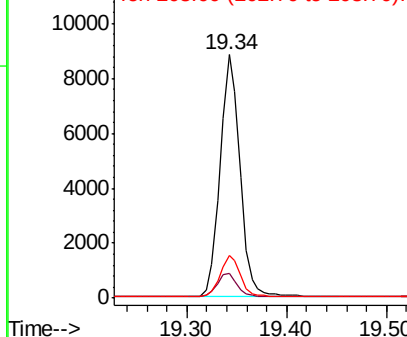
202 100

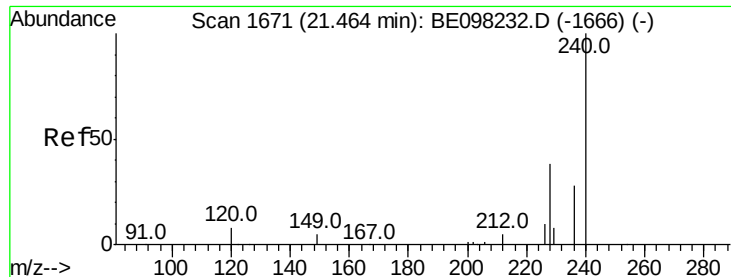
101 9.7 7.0 10.6

203 17.1 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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

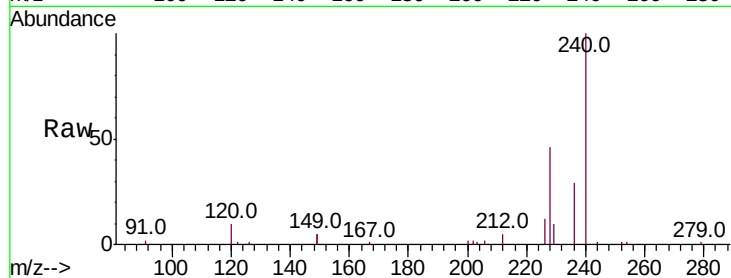
Tot Ion:240 Resp: 10448

Ion Ratio Lower Upper

240 100

120 9.9 4.8 7.2#

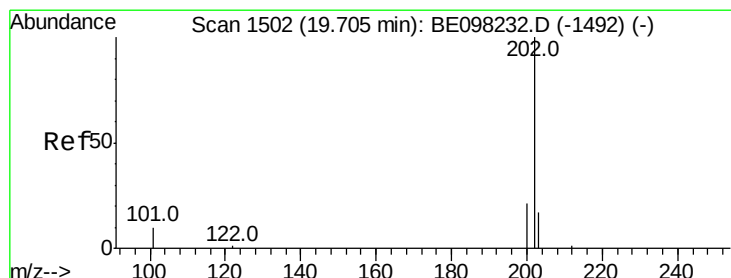
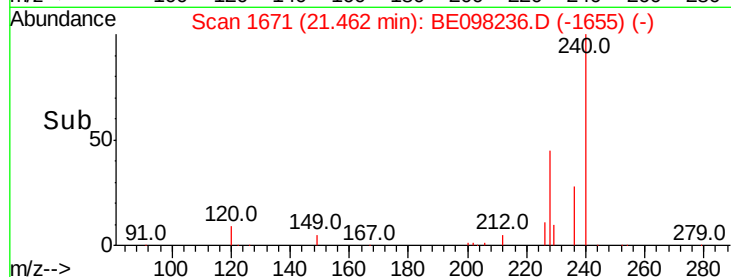
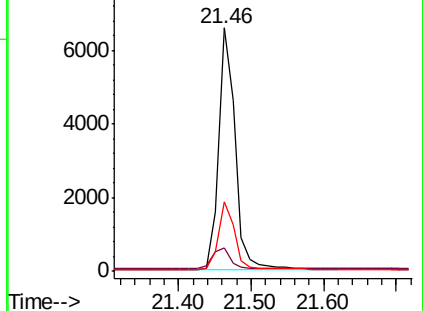
236 28.6 21.4 32.0



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: 0.412 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

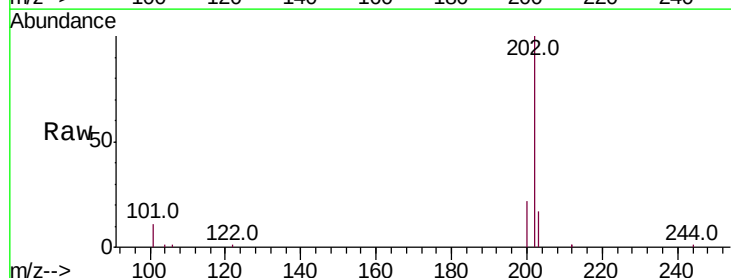
Tgt Ion:202 Resp: 12585

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

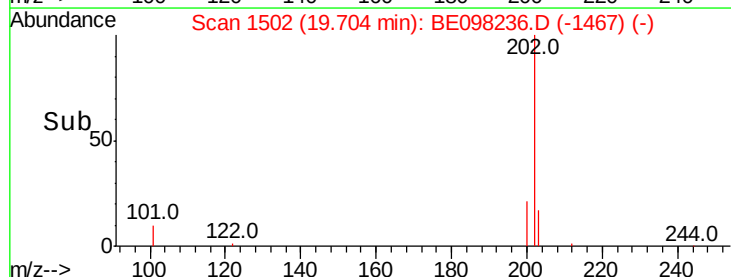
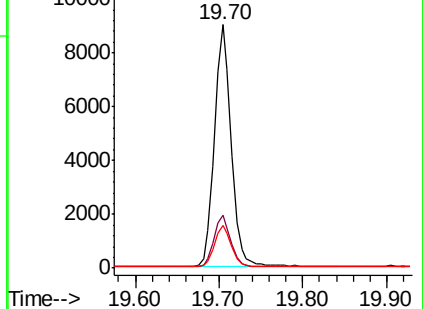
203 17.0 14.2 21.4

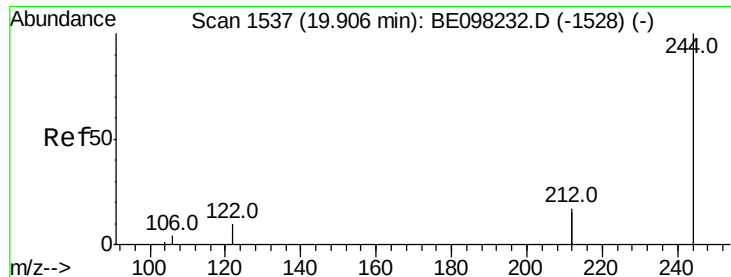


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampled :

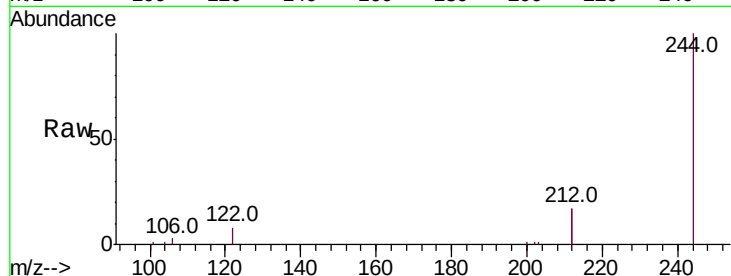
Tot Ion:244 Resp: 9851

Ion Ratio Lower Upper

244 100

212 33.3 26.8 40.2

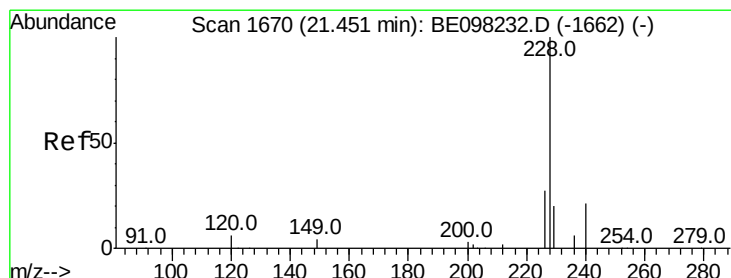
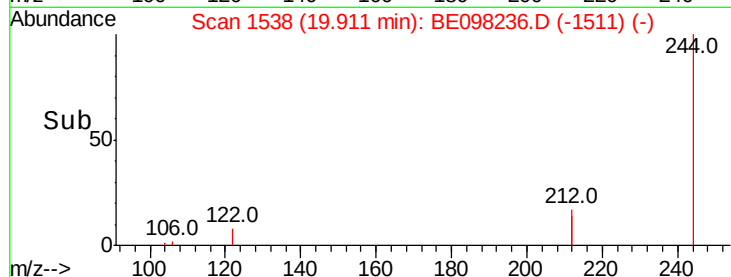
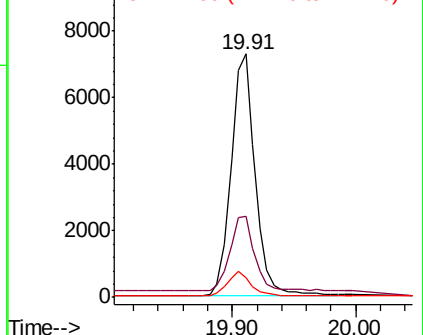
122 8.2 7.0 10.6



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: BE098236.D

Acq: 16 Nov 2018 19:06

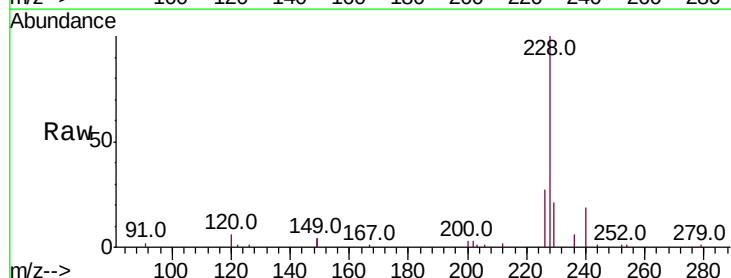
Tgt Ion:228 Resp: 12336

Ion Ratio Lower Upper

228 100

226 27.0 20.7 31.1

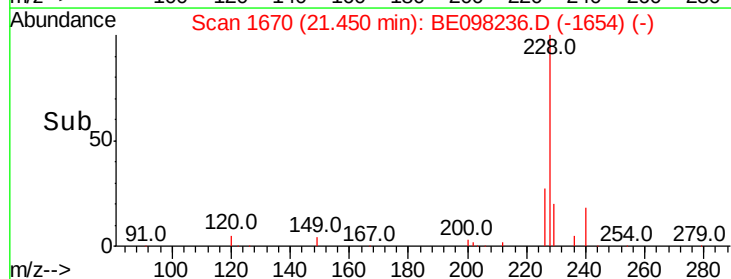
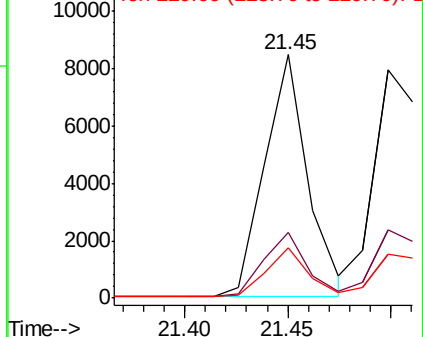
229 20.7 16.2 24.4

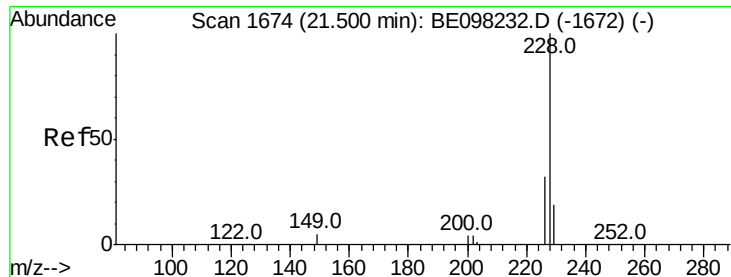


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.425 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampled :

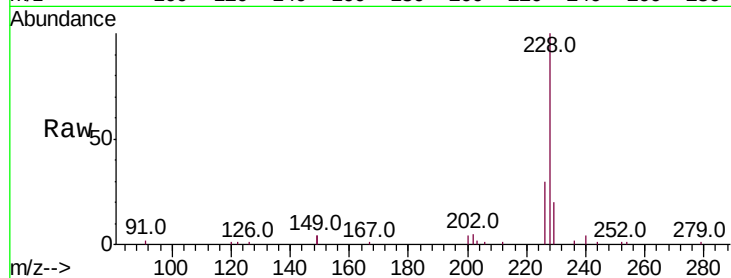
Tot Ion:228 Resp: 13207

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

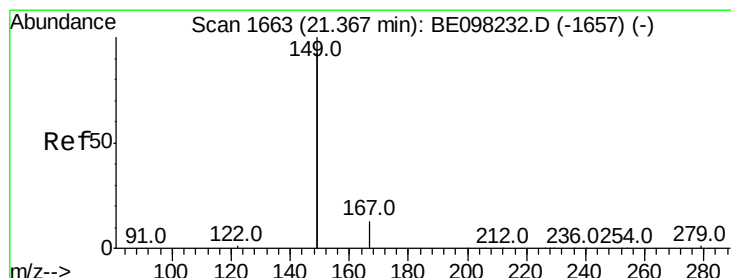
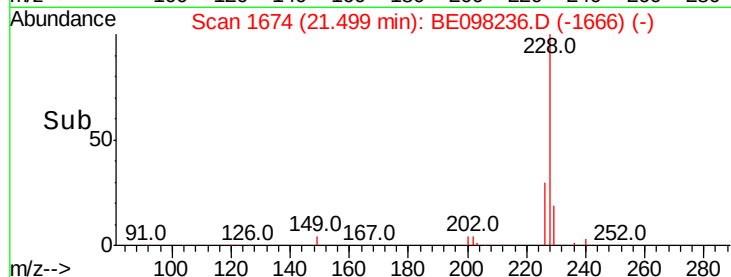
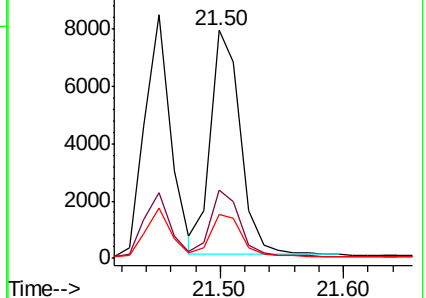
229 19.6 16.0 24.0



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: 0.423 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

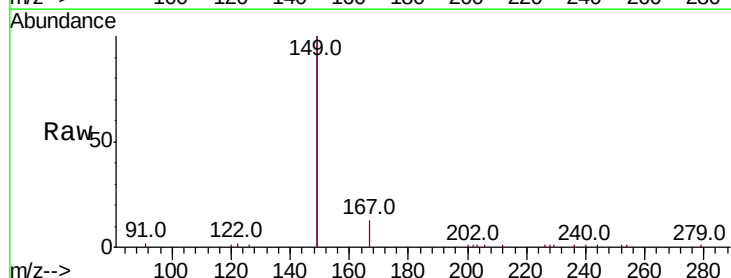
Tgt Ion:149 Resp: 19946

Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

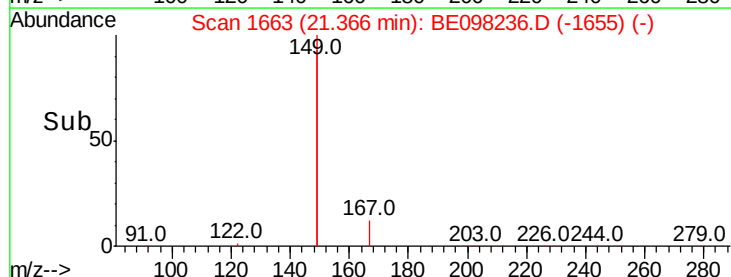
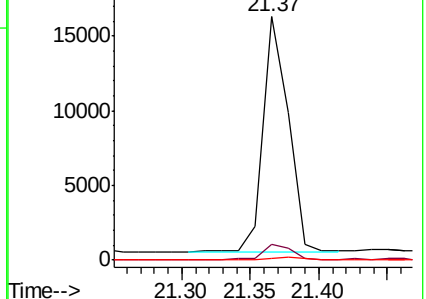
279 1.2 0.9 1.3

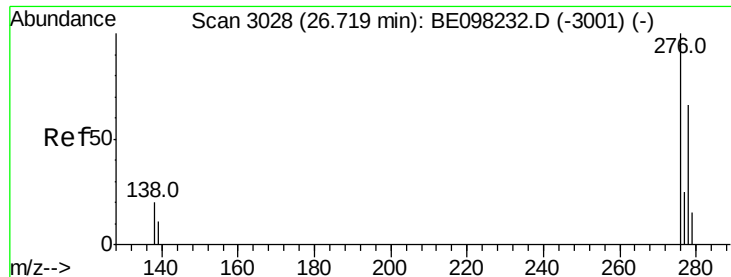


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.419 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

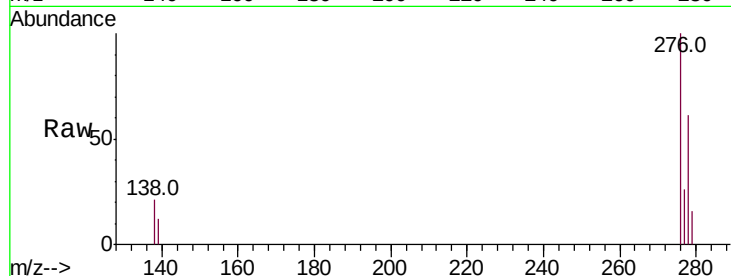
Tot Ion:276 Resp: 11141

Ion Ratio Lower Upper

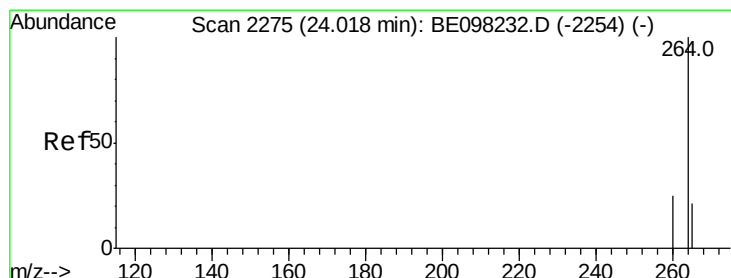
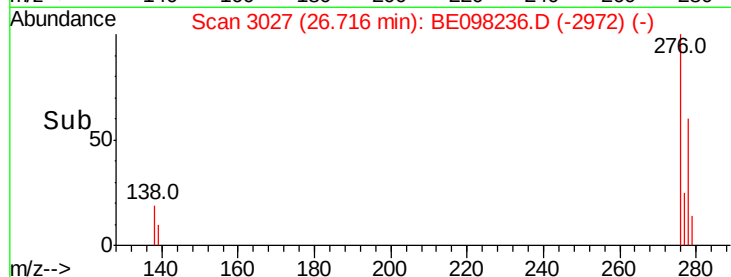
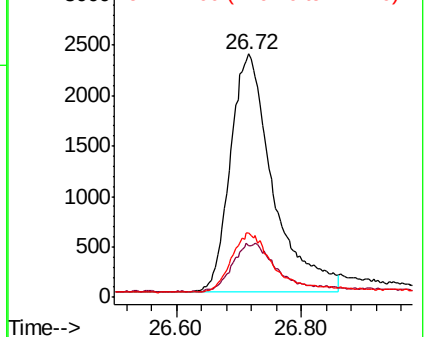
276 100

138 9.2 6.4 9.6

277 24.5 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: BE098236.D

Acq: 16 Nov 2018 19:06

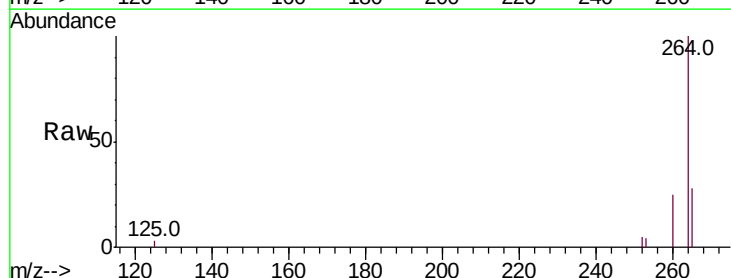
Tgt Ion:264 Resp: 10006

Ion Ratio Lower Upper

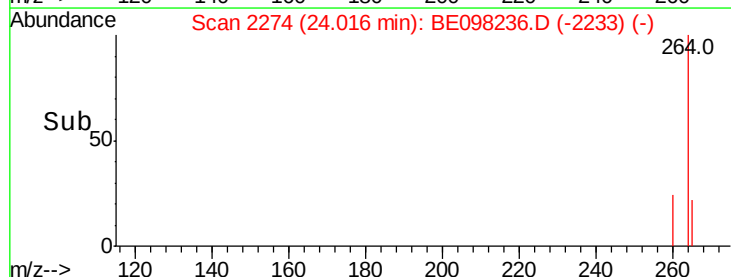
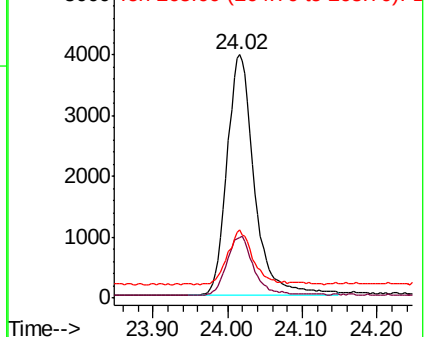
264 100

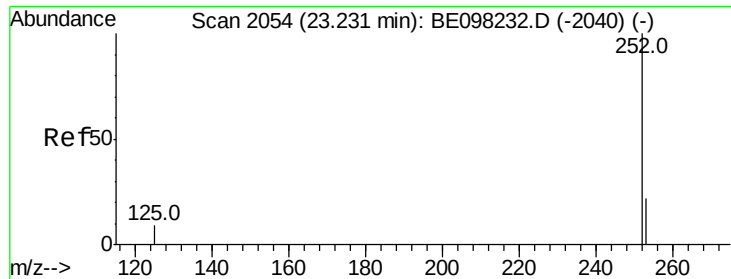
260 25.1 19.9 29.9

265 27.9 21.3 31.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.403 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

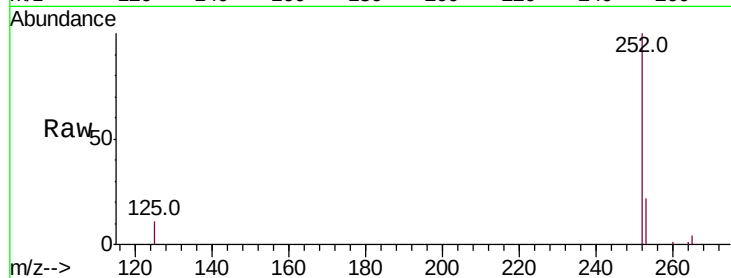
Tot Ion:252 Resp: 11385

Ion Ratio Lower Upper

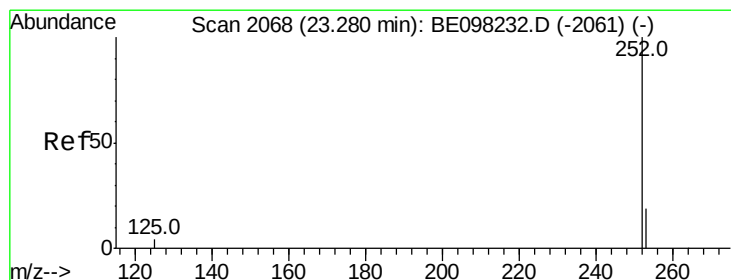
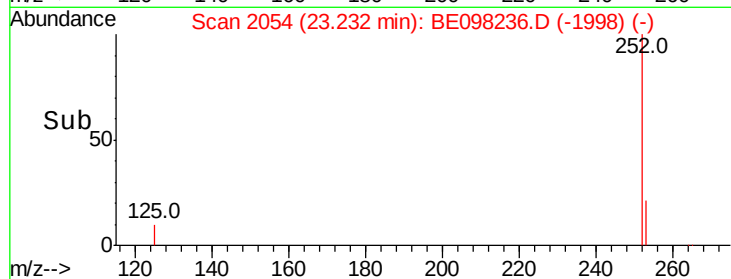
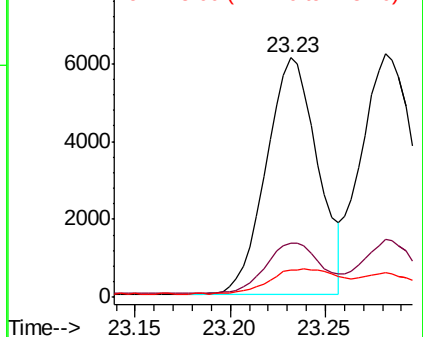
252 100

253 22.4 19.4 29.0

125 11.3 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: 0.412 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

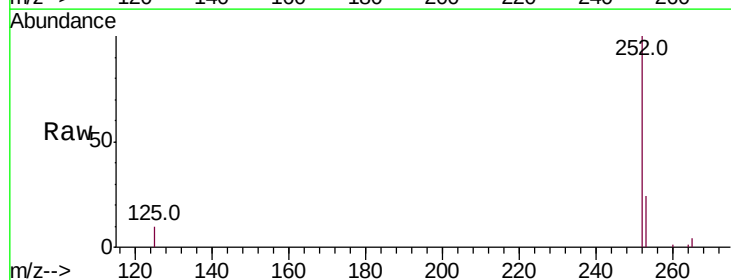
Tgt Ion:252 Resp: 13141

Ion Ratio Lower Upper

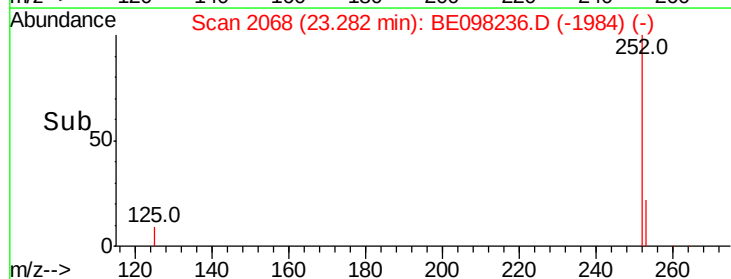
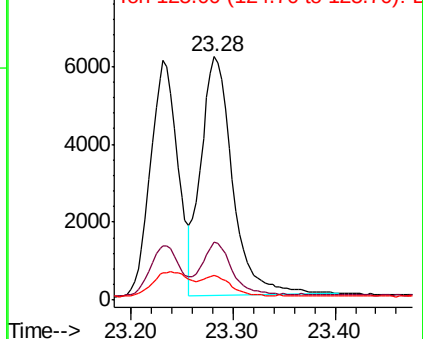
252 100

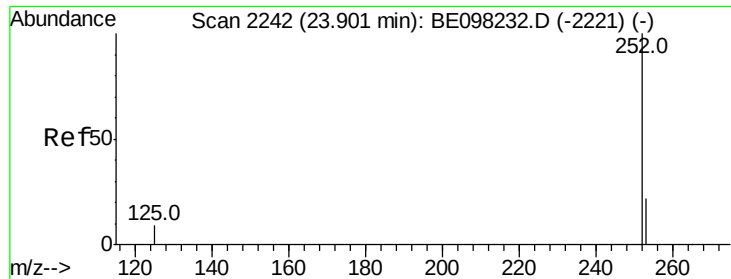
253 23.8 18.6 28.0

125 10.0 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

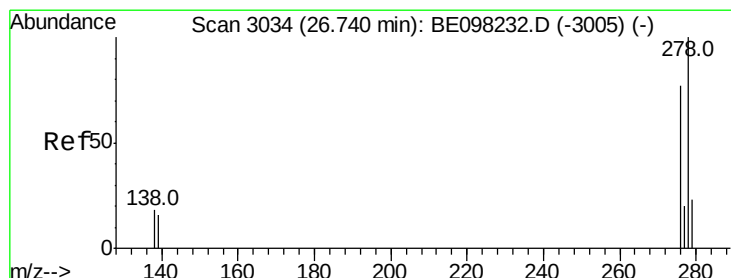
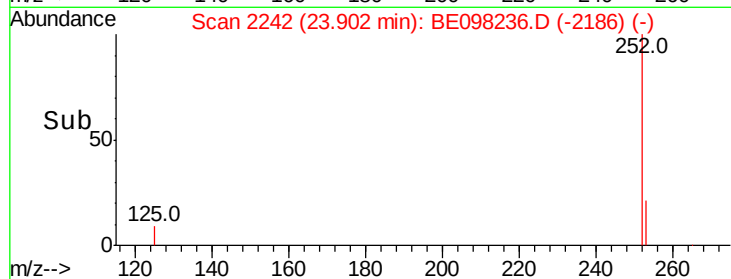
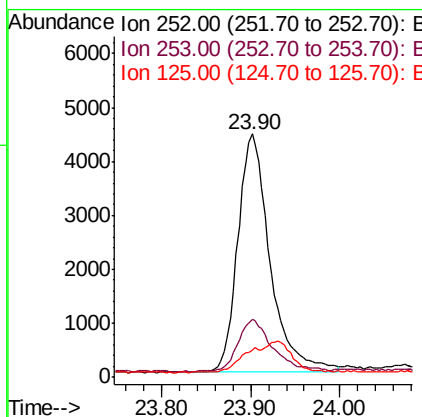
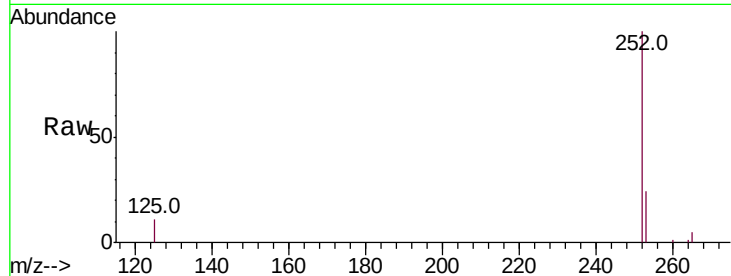




#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

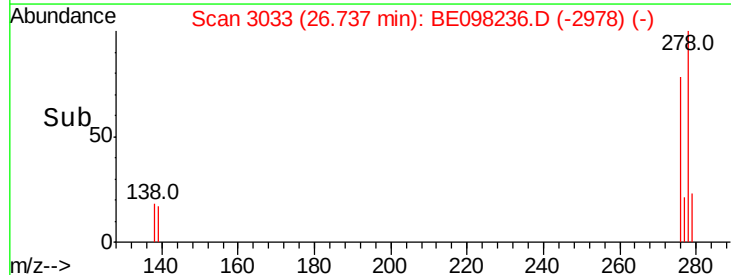
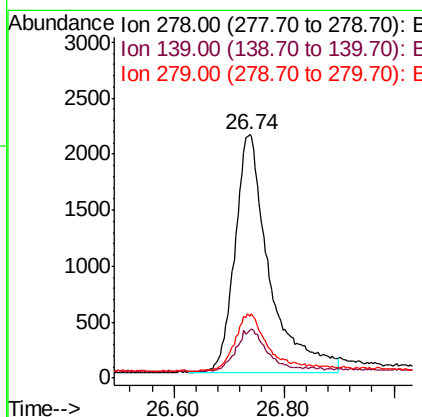
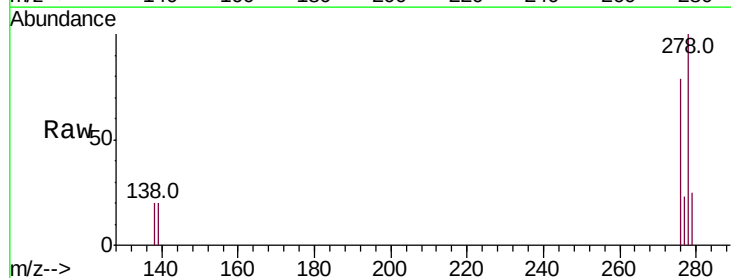
Instrument :
BNA_E
ClientSampleId :

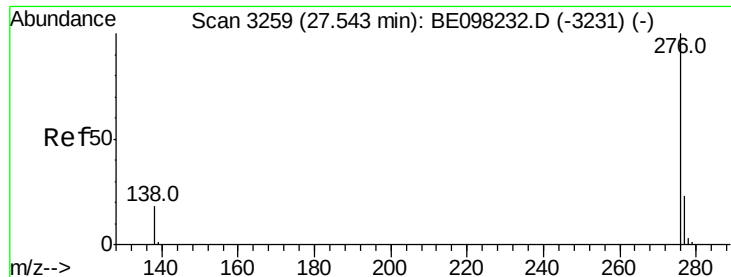
Tot Ion:252 Resp: 11132
Ion Ratio Lower Upper
252 100
253 23.8 18.6 27.8
125 11.3 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.74 min Scan# 3033
Delta R.T. -0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Tgt Ion:278 Resp: 9236
Ion Ratio Lower Upper
278 100
139 19.6 16.4 24.6
279 25.3 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.398 ng

RT: 27.54 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

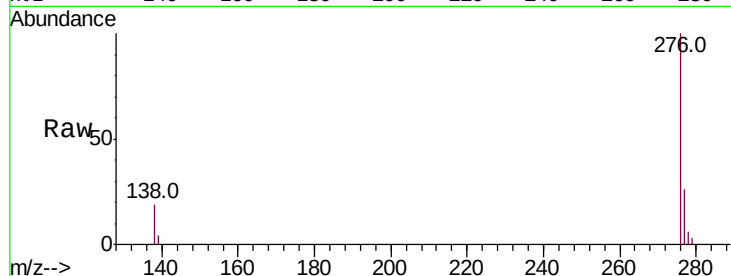
Tot Ion:276 Resp: 9538

Ion Ratio Lower Upper

276 100

277 25.7 20.4 30.6

138 19.0 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

