

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098151.D
 Acq On : 1 Nov 2018 18:02
 Operator : SJ/JU
 Sample : J5690-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 02 02:39:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61692	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	257137	0.40	ng	0.03
13) Acenaphthene-d10	14.54	164	170511	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	344837	0.40	ng	0.01
27) Chrysene-d12	21.47	240	395855	0.40	ng	0.01
34) Perylene-d12	24.02	264	410247	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	72225	0.39	ng	0.00
5) Phenol-d6	7.06	99	83894	0.28	ng	0.00
8) Nitrobenzene-d5	9.05	82	287978	1.04	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	316	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	68237	0.85	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	328294	0.47	ng	0.00
25) Fluoranthene-d10	19.33	212	32	0.00	ng	0.02
29) Terphenyl-d14	19.91	244	455431	0.49	ng	0.00

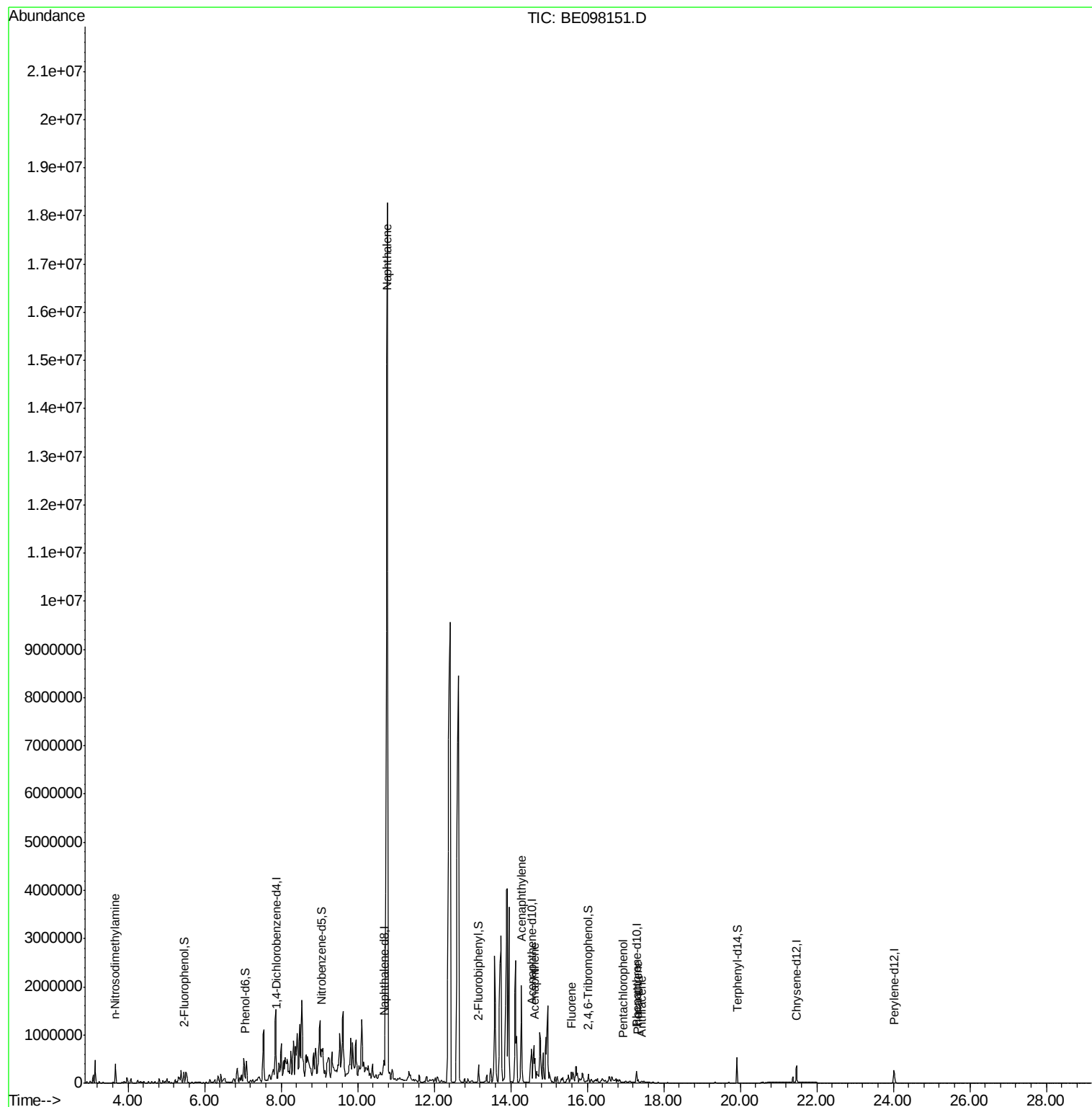
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.67	42	32572	0.265	ng	# 5
9) Naphthalene	10.77	128	40814212	15.879	ng	98
16) Acenaphthylene	14.28	152	195982	0.252	ng	# 1
17) Acenaphthene	14.61	154	175351	0.375	ng	# 72
18) Fluorene	15.59	166	189923	0.306	ng	# 57
22) Pentachlorophenol	16.94	266	92	0.135	ng	# 76
23) Phenanthrene	17.33	178	70764	0.083	ng	# 85
24) Anthracene	17.42	178	21635	0.027	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.38	149	153280	Below Cal		99

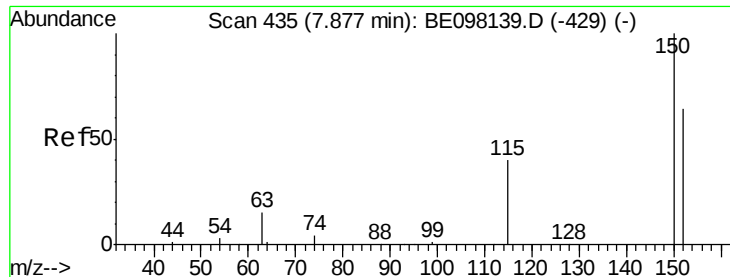
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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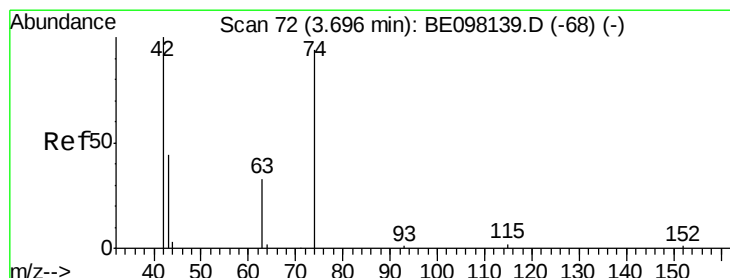
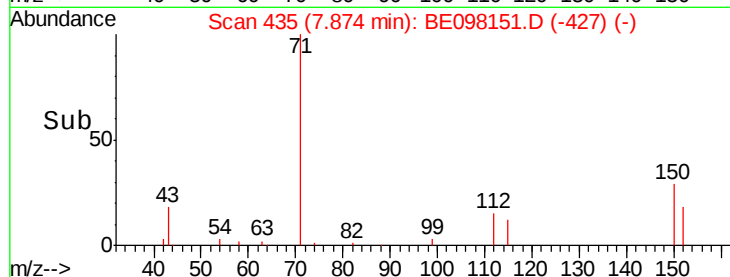
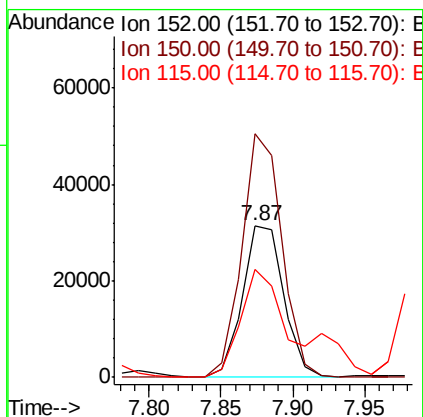
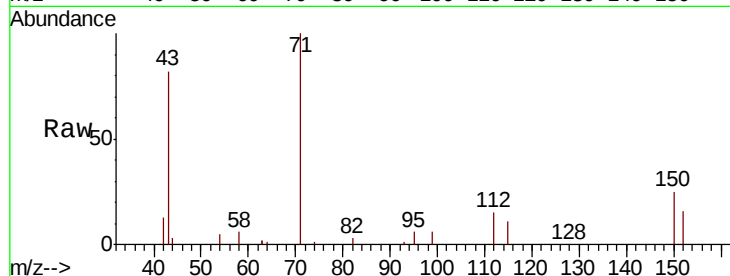


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098151.D
Acq: 1 Nov 2018 18:02

Instrument :
BNA_E
ClientSampleId :

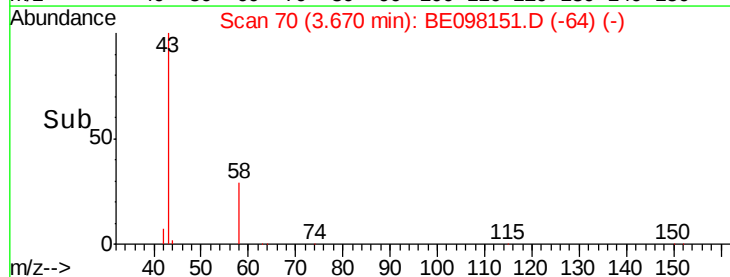
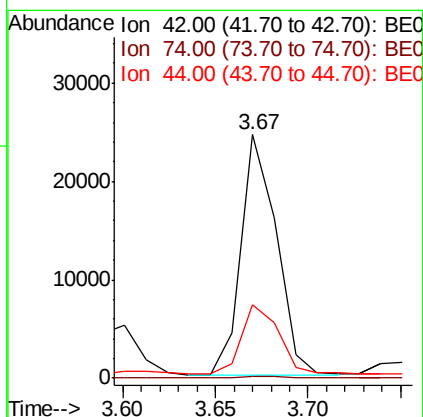
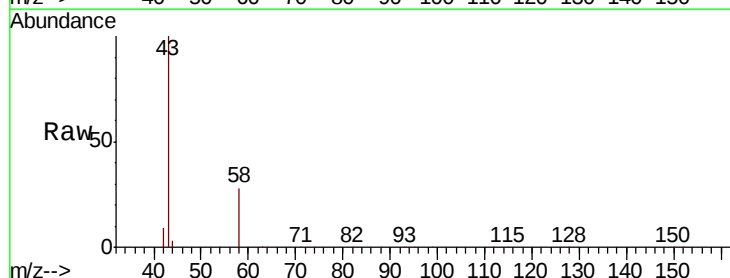
Tot Ion:152 Resp: 61692
Ion Ratio Lower Upper
152 100
150 160.2 118.2 177.4
115 71.4 50.9 76.3

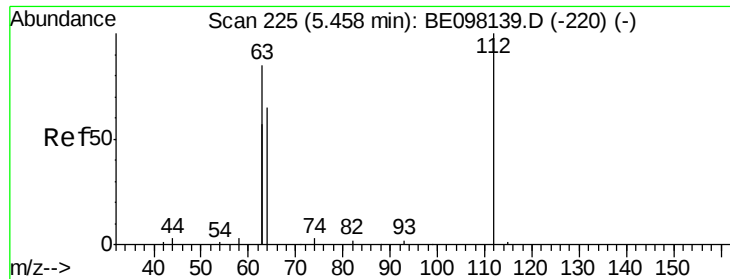


#3

n-Nitrosodimethylamine
Concen: 0.265 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE098151.D
Acq: 1 Nov 2018 18:02

Tgt Ion: 42 Resp: 32572
Ion Ratio Lower Upper
42 100
74 0.4 77.6 116.4#
44 30.6 7.6 11.4#





#4

2-Fluorophenol

Concen: 0.394 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampleId :

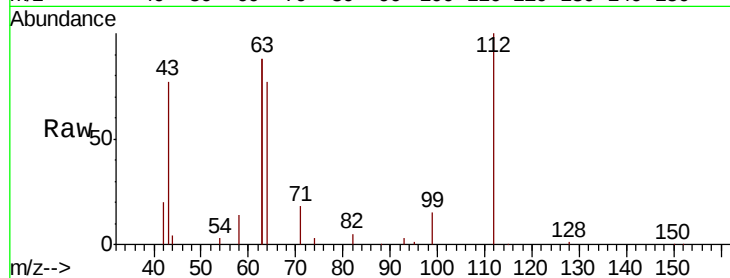
Tot Ion:112 Resp: 72225

Ion Ratio Lower Upper

112 100

64 77.6 58.9 88.3

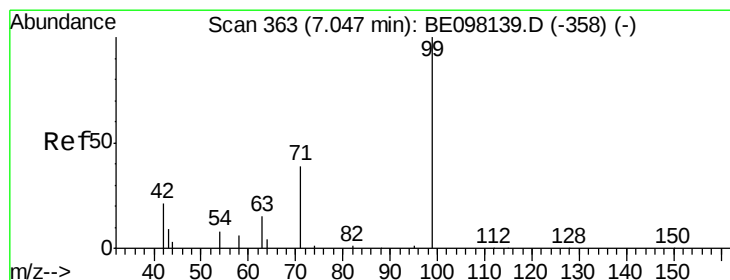
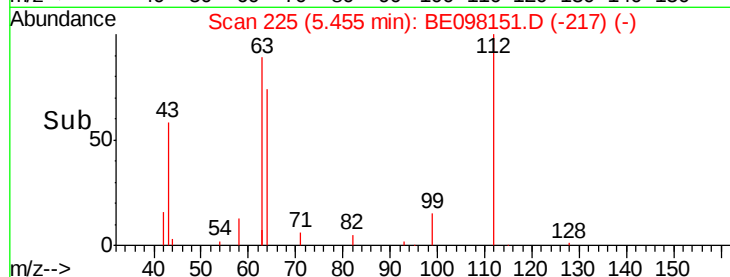
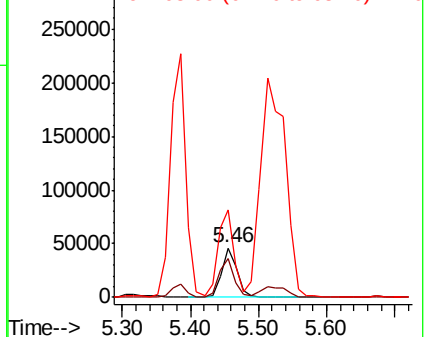
63 178.0 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): BE098151.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE098151.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE098151.D (-217) (-)



#5

Phenol-d6

Concen: 0.278 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

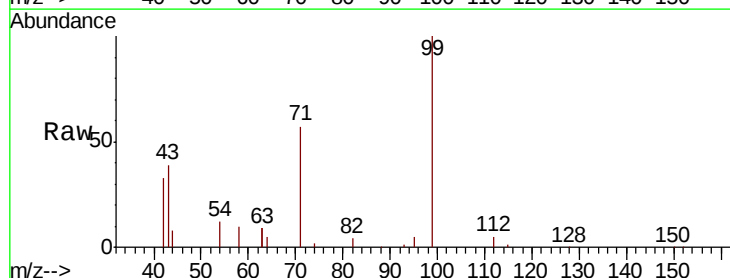
Tgt Ion: 99 Resp: 83894

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

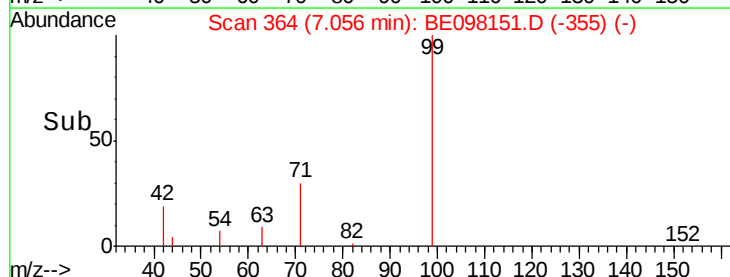
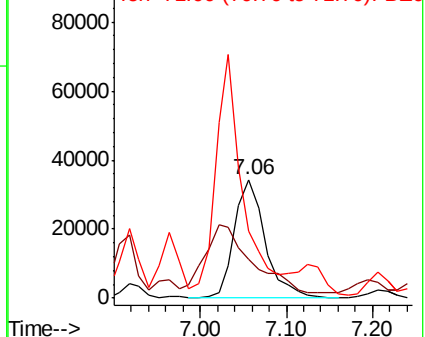
71 0.0 27.8 41.8#

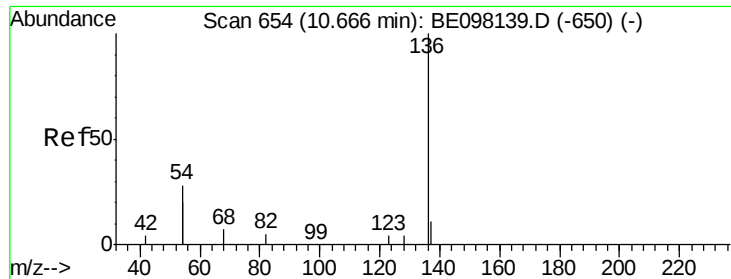


Abundance Ion 99.00 (98.70 to 99.70): BE098151.D (-355) (-)

Ion 42.00 (41.70 to 42.70): BE098151.D (-355) (-)

Ion 71.00 (70.70 to 71.70): BE098151.D (-355) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.03 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 257137

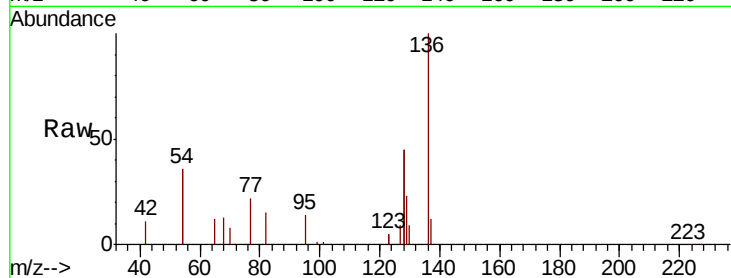
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 72.7 27.7 41.5#

68 12.6 5.3 7.9#

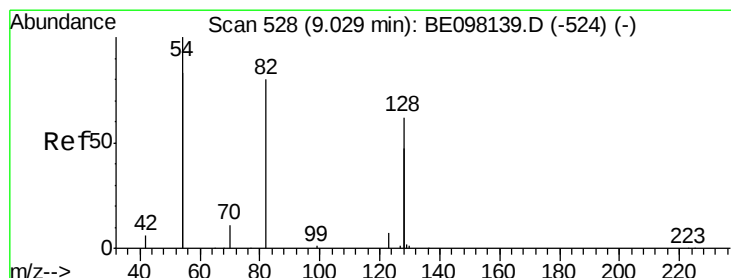
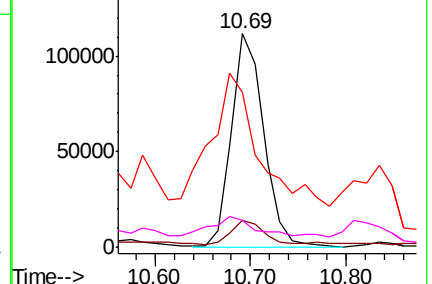
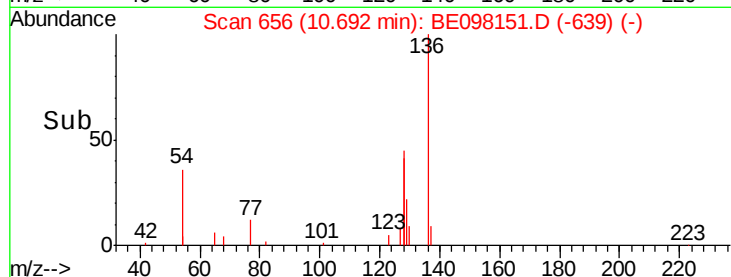


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 1.044 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.03 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

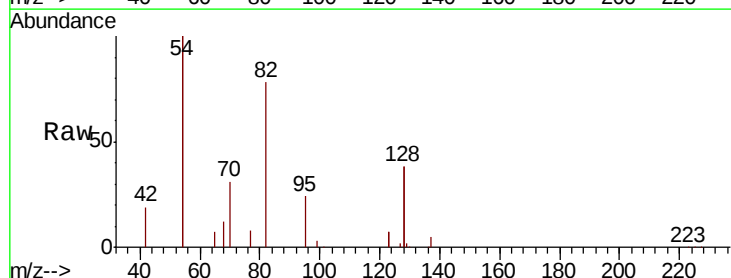
Tgt Ion: 82 Resp: 287978

Ion Ratio Lower Upper

82 100

128 97.7 129.9 194.9#

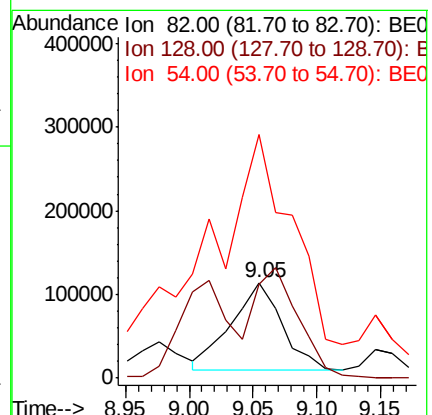
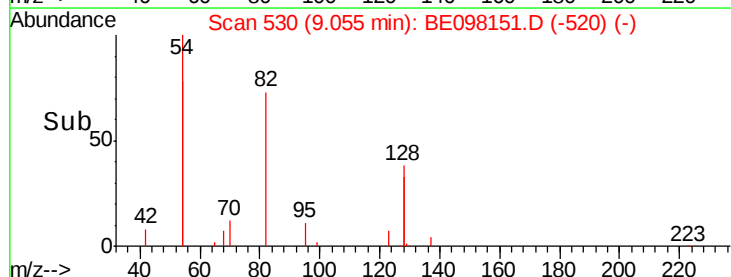
54 254.9 174.0 261.0

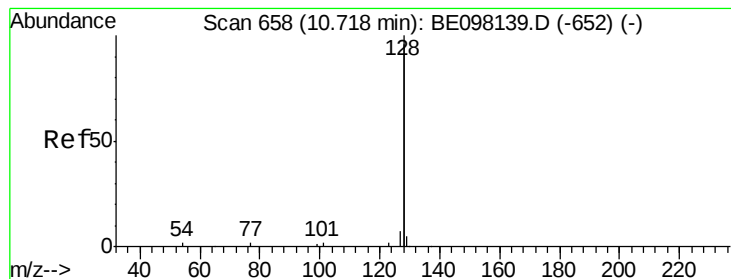


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 15.879 ng

RT: 10.77 min Scan# 662

Delta R.T. 0.05 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampleId :

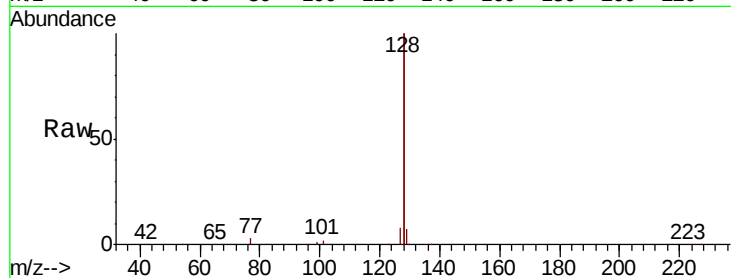
Tot Ion:128 Resp:40814212

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

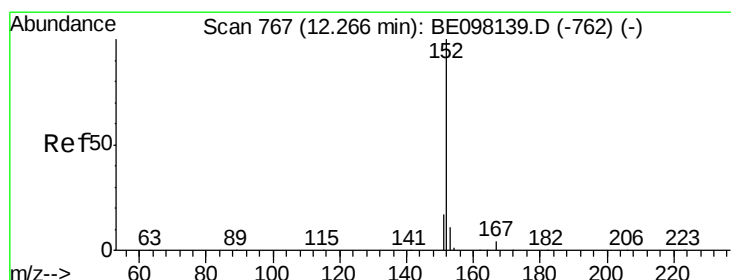
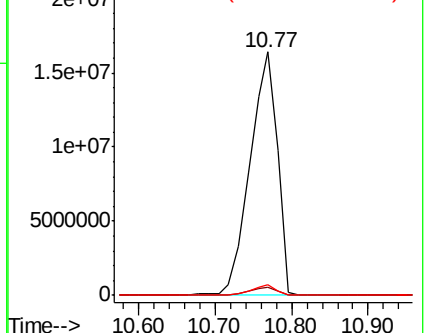
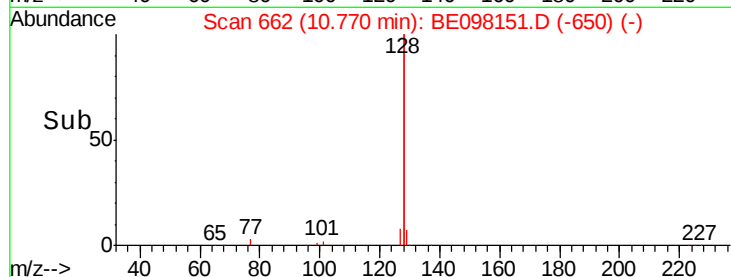
127 4.2 2.8 4.2



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



#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098151.D

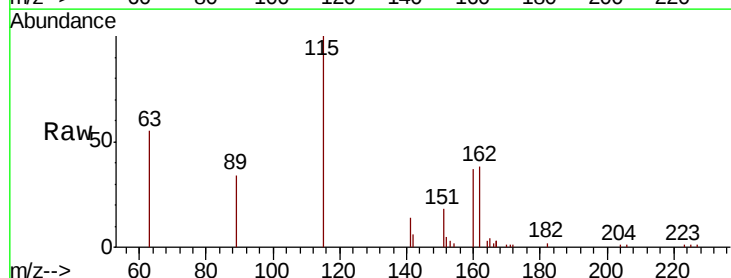
Acq: 1 Nov 2018 18:02

Tgt Ion:152 Resp: 316

Ion Ratio Lower Upper

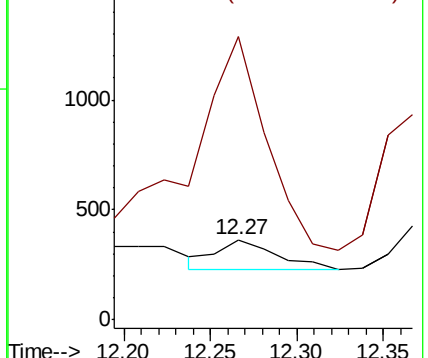
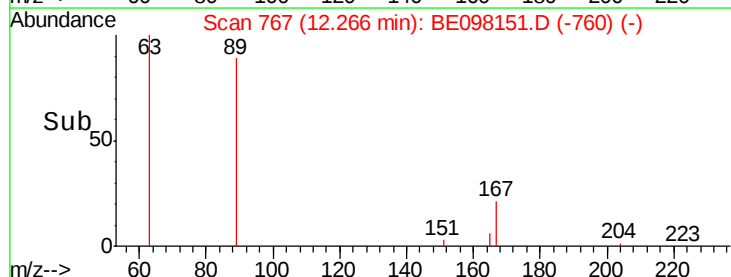
152 100

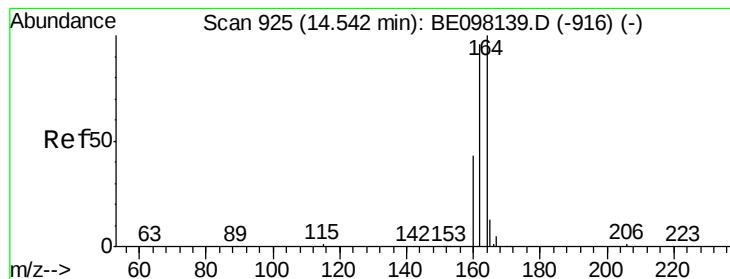
151 676.6 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampleId :

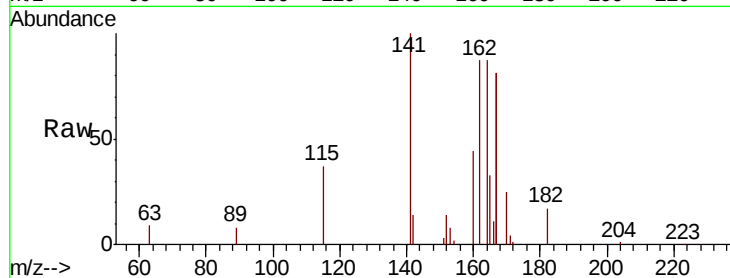
Tot Ion:164 Resp: 170511

Ion Ratio Lower Upper

164 100

162 99.6 77.4 116.2

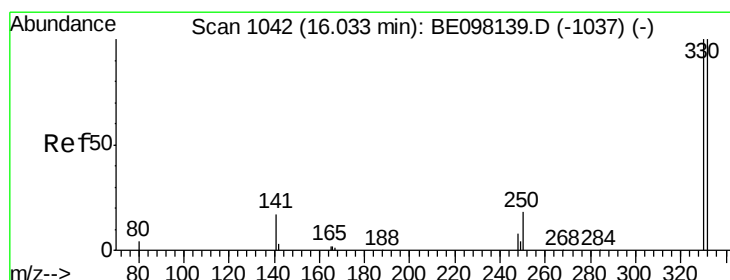
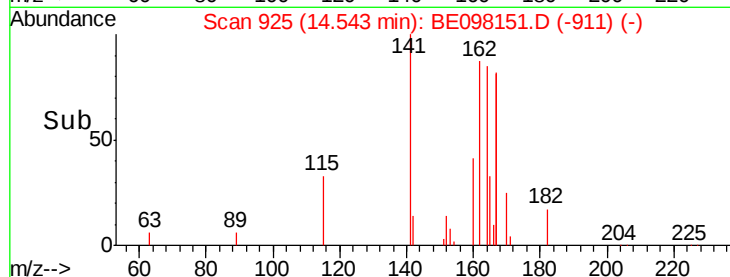
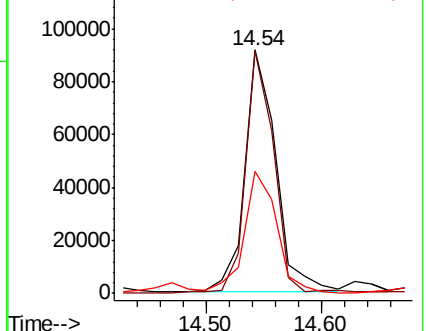
160 50.4 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.845 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

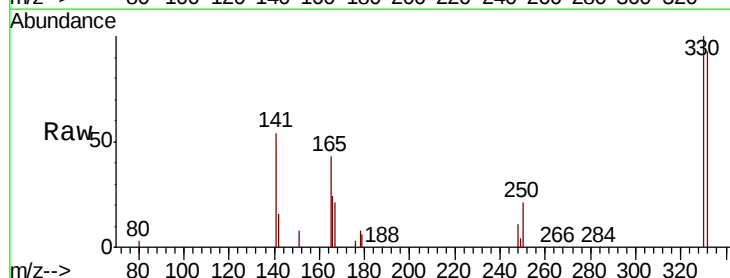
Tgt Ion:330 Resp: 68237

Ion Ratio Lower Upper

330 100

332 96.1 76.5 114.7

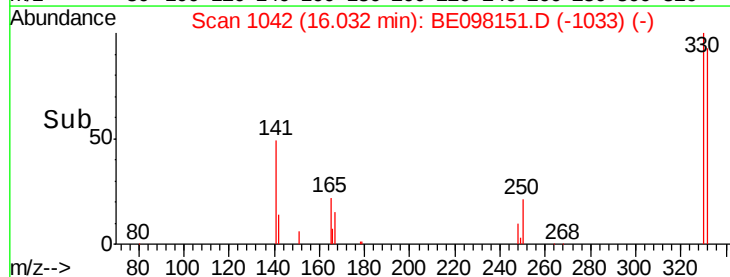
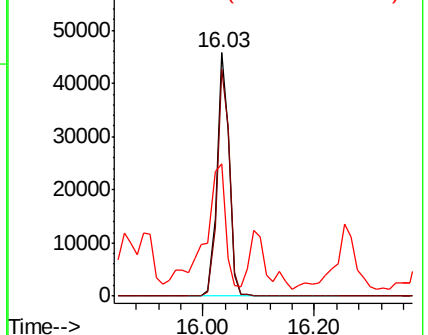
141 76.8 31.8 47.6#

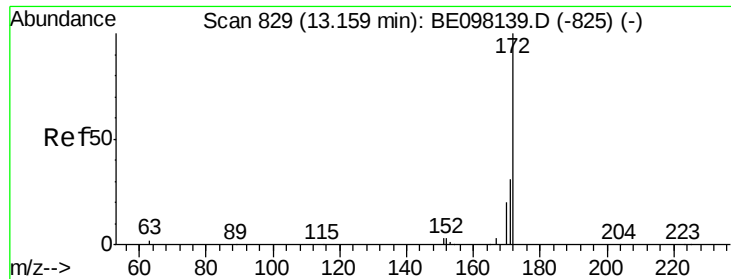


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

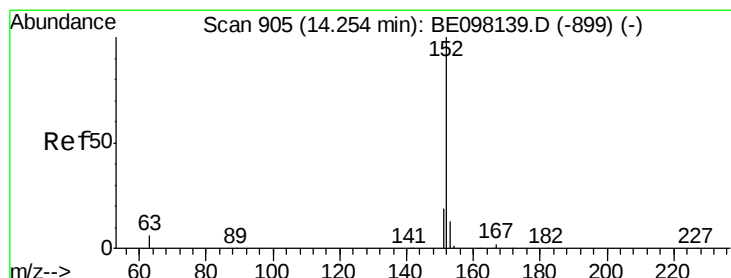
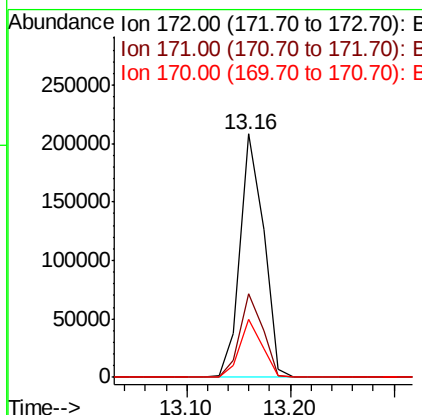
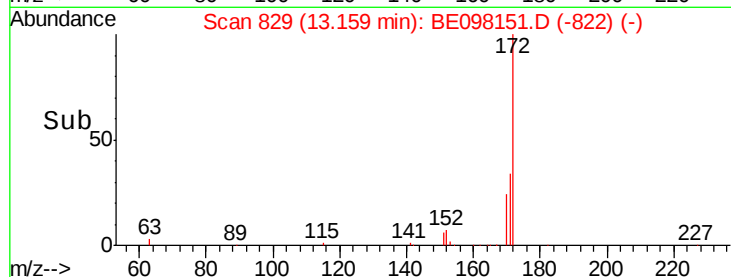
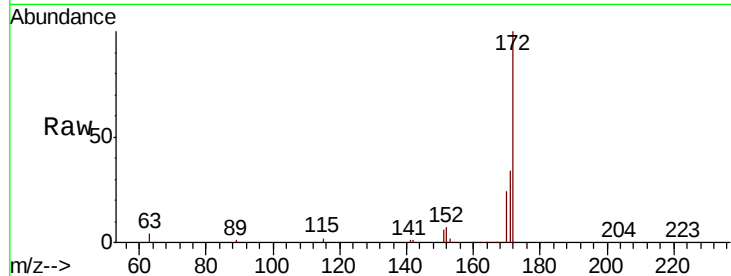




#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098151.D
Acq: 1 Nov 2018 18:02

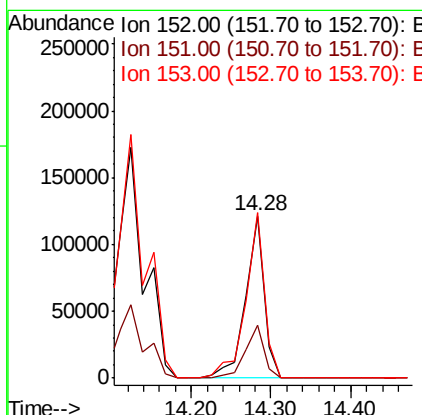
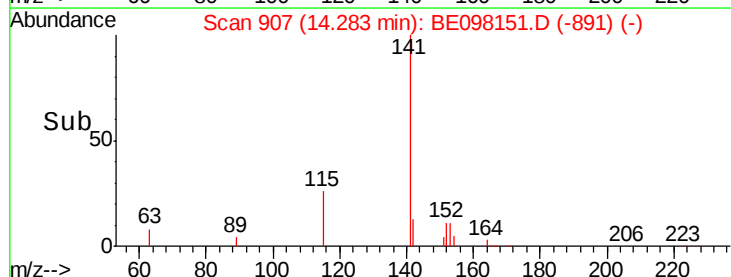
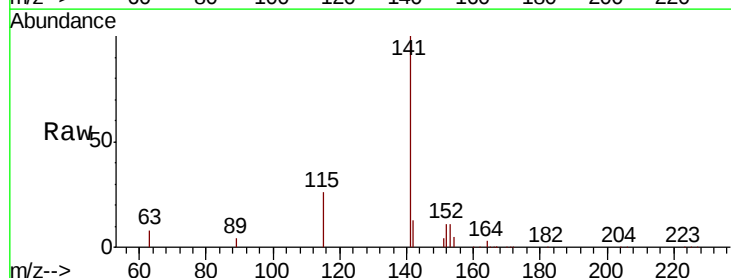
Instrument :
BNA_E
ClientSampled :

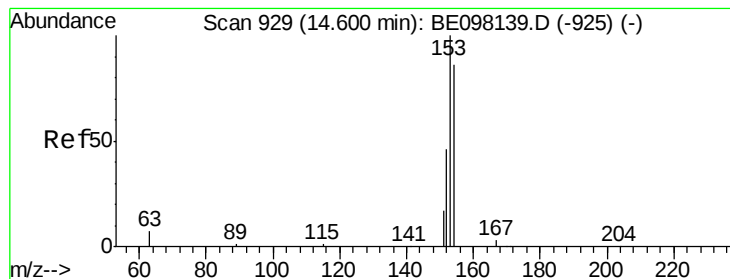
Tot Ion:172 Resp: 328294
Ion Ratio Lower Upper
172 100
171 34.5 26.0 39.0
170 24.0 18.0 27.0



#16
Acenaphthylene
Concen: 0.252 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.03 min
Lab File: BE098151.D
Acq: 1 Nov 2018 18:02

Tgt Ion:152 Resp: 195982
Ion Ratio Lower Upper
152 100
151 32.6 16.1 24.1#
153 103.5 10.9 16.3#





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.61 min Scan# 930

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampled :

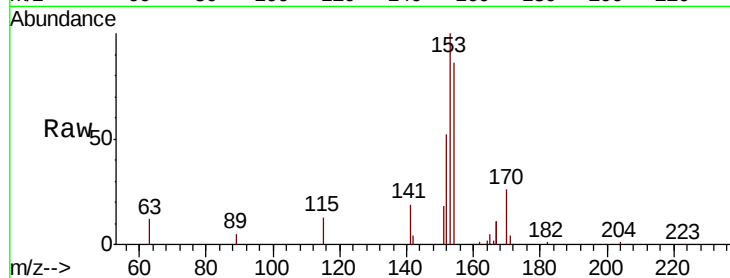
Tot Ion:154 Resp: 175351

Ion Ratio Lower Upper

154 100

153 137.2 92.6 139.0

152 89.3 45.5 68.3#



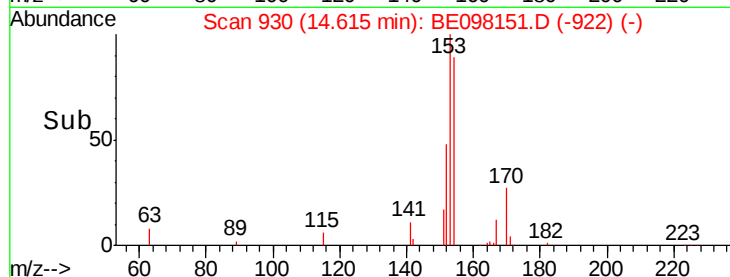
Abundance

Ion 154.00 (153.70 to 154.70): E

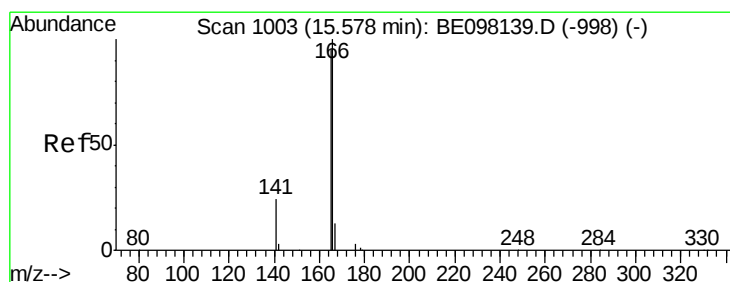
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.61



Time-->



#18

Fluorene

Concen: 0.306 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

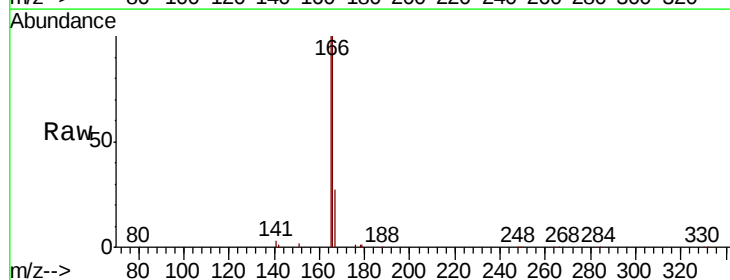
Tgt Ion:166 Resp: 189923

Ion Ratio Lower Upper

166 100

165 140.6 78.2 117.4#

167 31.3 11.0 16.6#



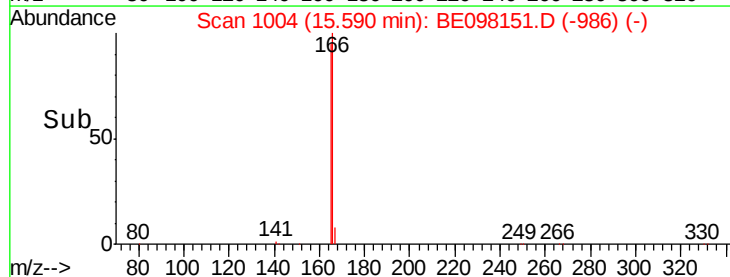
Abundance

Ion 166.00 (165.70 to 166.70): E

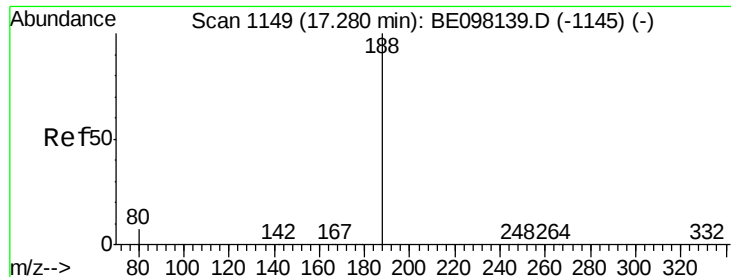
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.59



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampled :

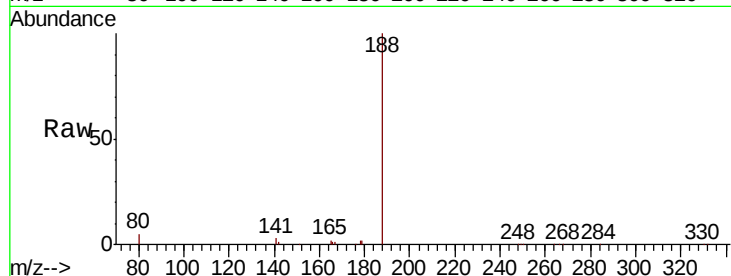
Tot Ion:188 Resp: 344837

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

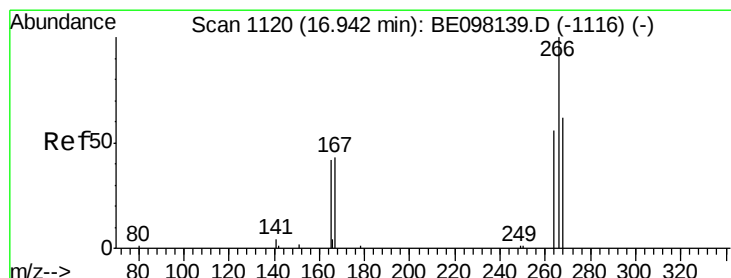
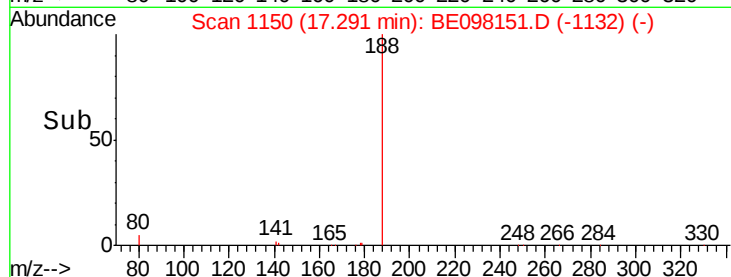
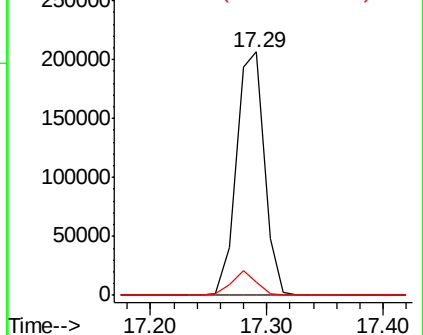
80 5.3 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.135 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

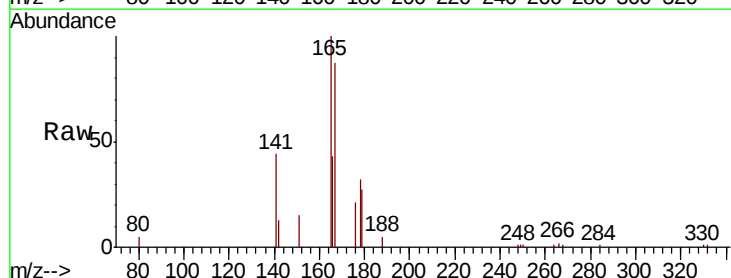
Tgt Ion:266 Resp: 92

Ion Ratio Lower Upper

266 100

264 78.4 51.3 76.9#

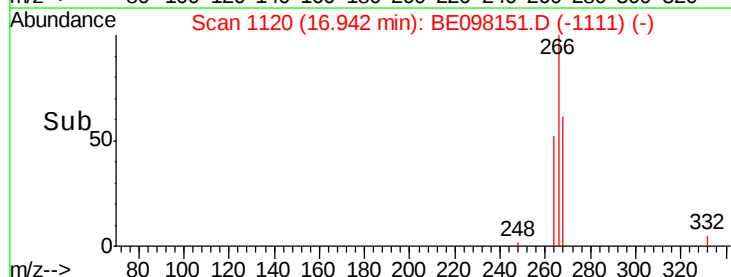
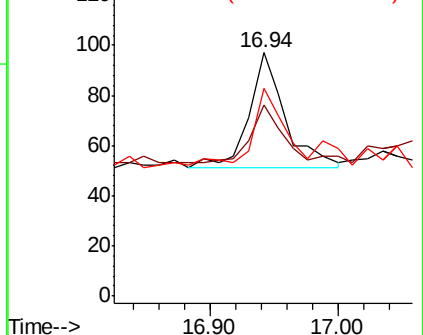
268 85.6 50.1 75.1#

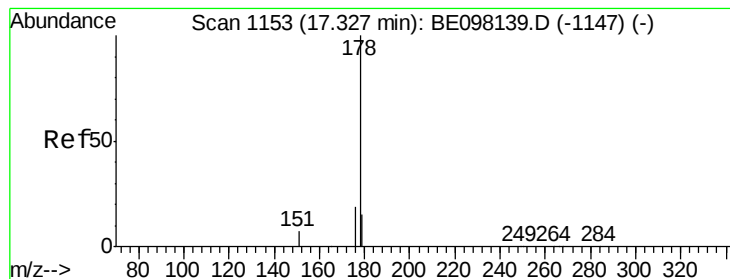


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.083 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampleId :

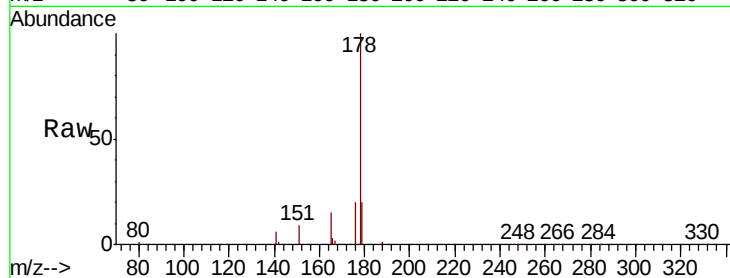
Tot Ion:178 Resp: 70764

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

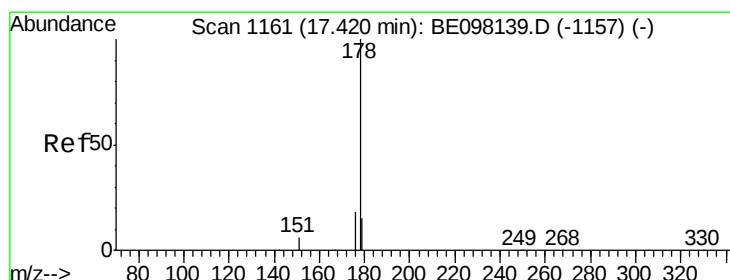
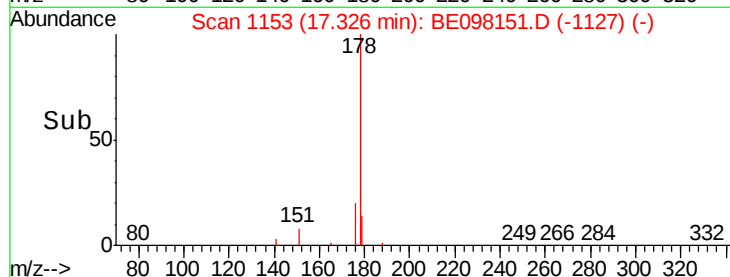
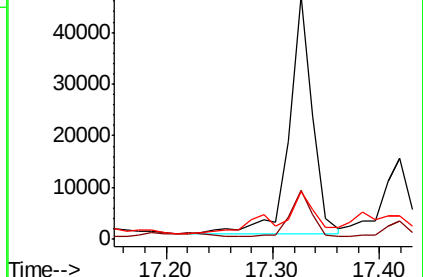
179 29.2 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.027 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

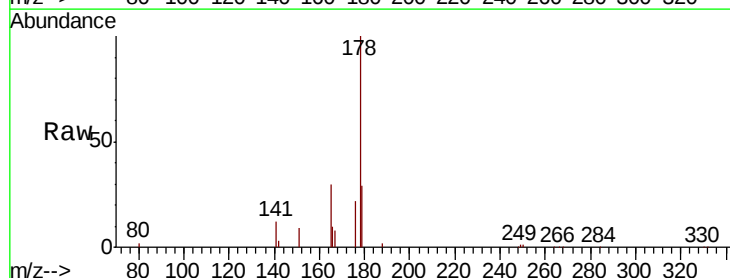
Tgt Ion:178 Resp: 21635

Ion Ratio Lower Upper

178 100

176 20.1 14.9 22.3

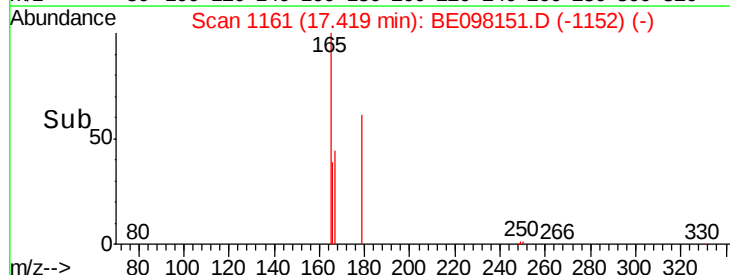
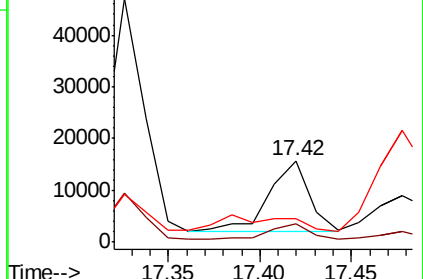
179 0.0 11.9 17.9#

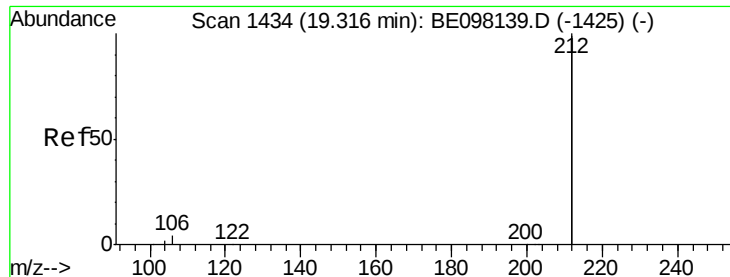


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampled :

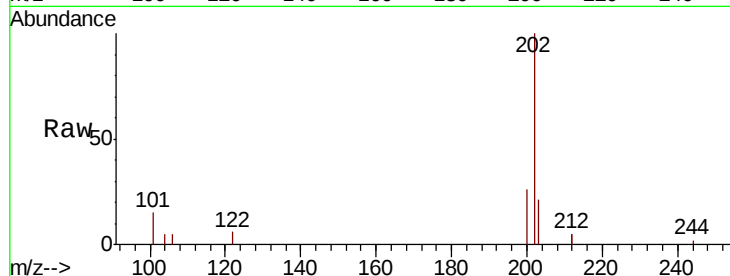
Tot Ion:212 Resp: 32

Ion Ratio Lower Upper

212 100

106 0.0 2.3 3.5#

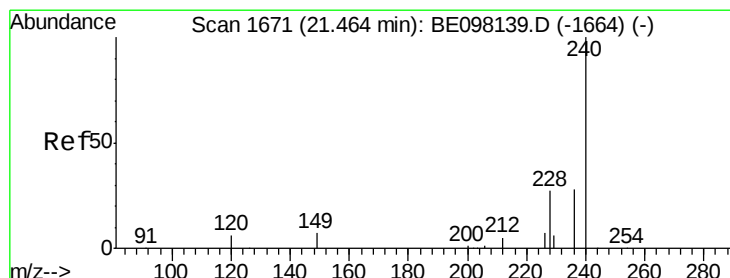
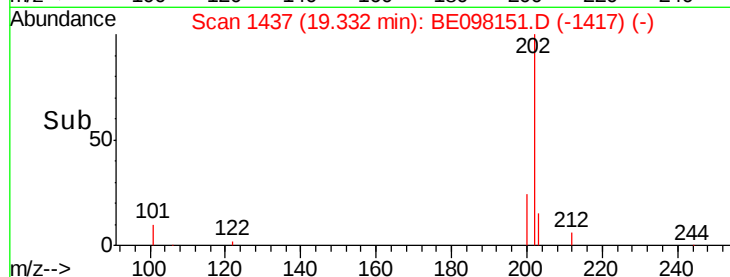
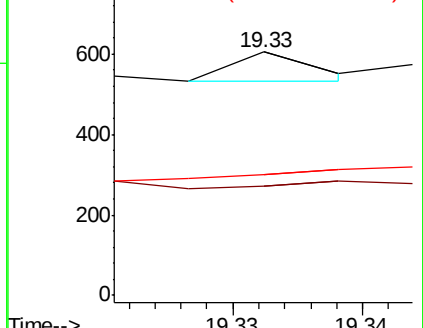
104 240.6 1.3 1.9#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

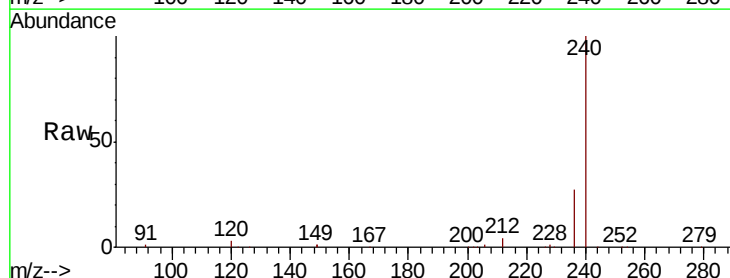
Tgt Ion:240 Resp: 395855

Ion Ratio Lower Upper

240 100

120 2.8 7.1 10.7#

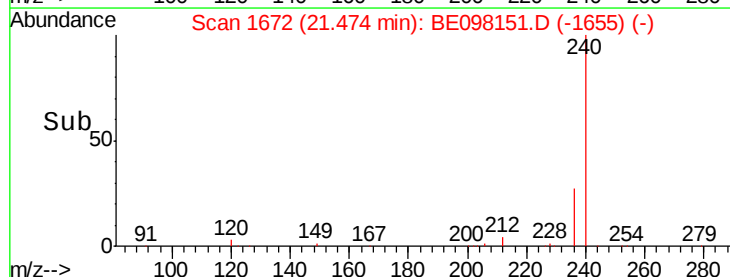
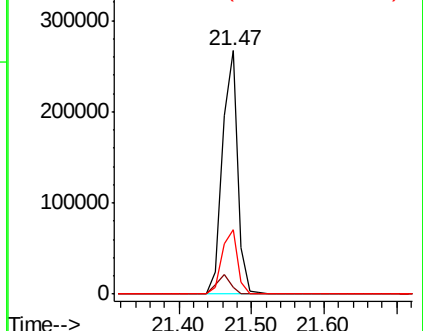
236 26.6 21.3 31.9

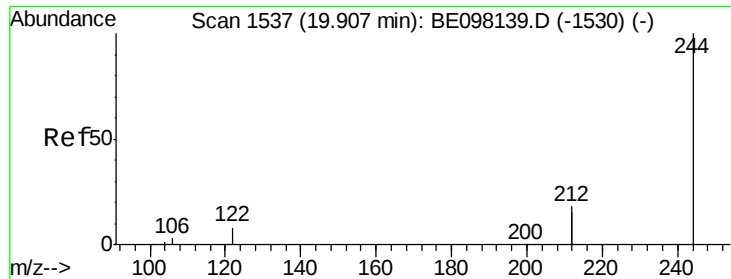


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.495 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampled :

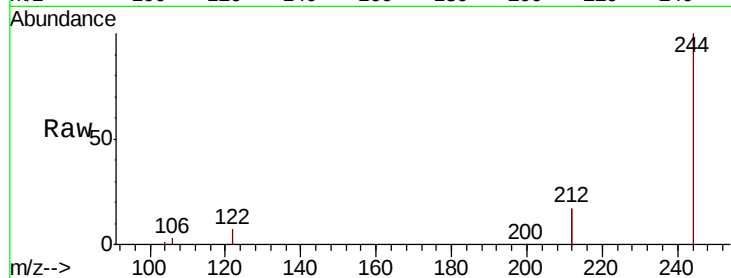
Tot Ion:244 Resp: 455431

Ion Ratio Lower Upper

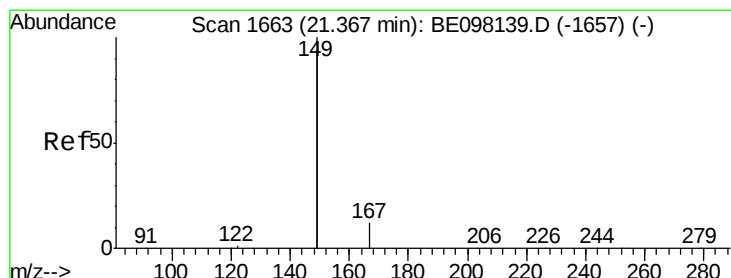
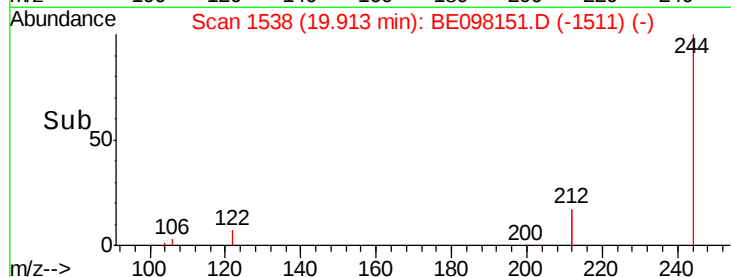
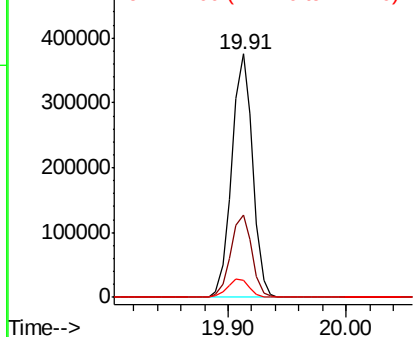
244 100

212 33.7 26.2 39.2

122 7.2 7.7 11.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.38 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

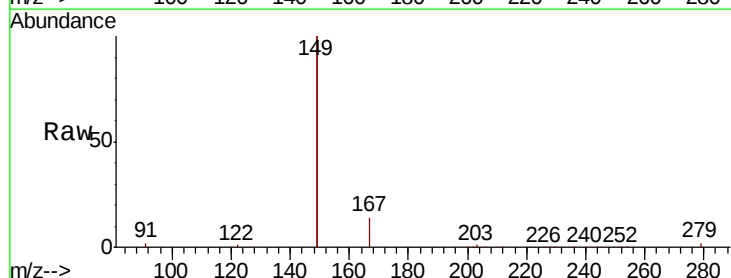
Tgt Ion:149 Resp: 153280

Ion Ratio Lower Upper

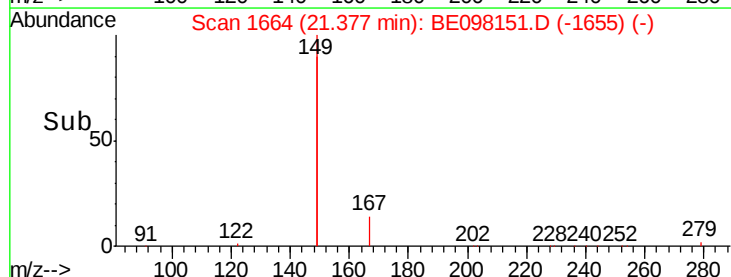
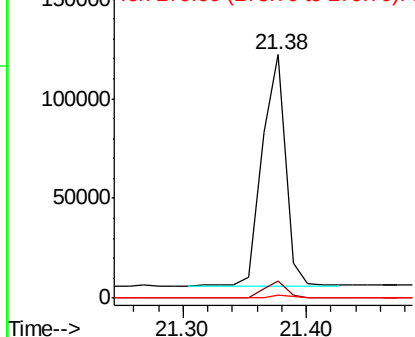
149 100

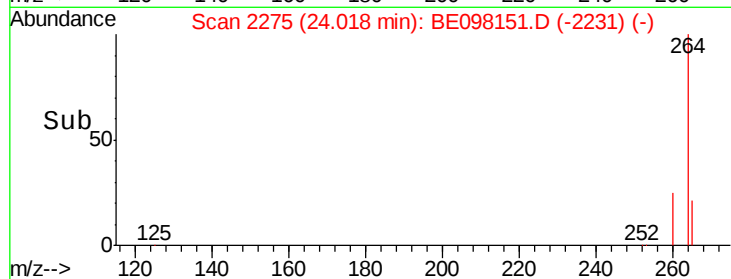
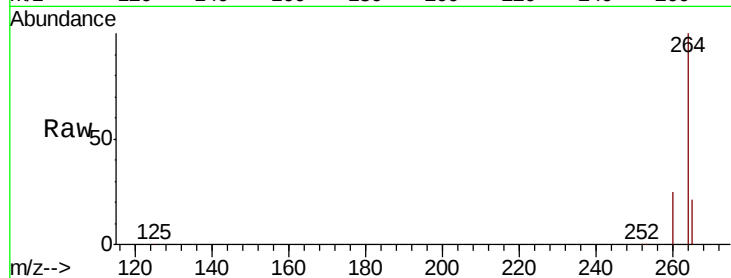
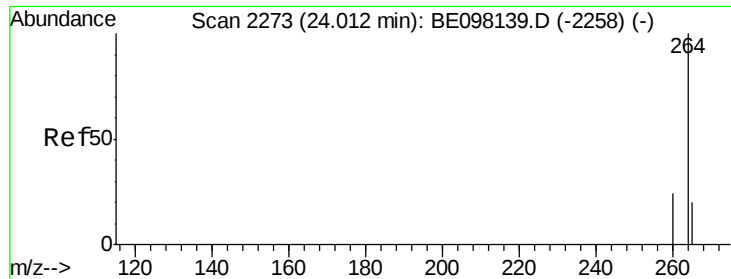
167 6.6 5.6 8.4

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





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BE098151.D

Acq: 1 Nov 2018 18:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 410247

Ion Ratio Lower Upper

264 100

260 25.3 21.1 31.7

265 21.4 29.2 43.8#

