

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098335.D
 Acq On : 11 Dec 2018 16:28
 Operator : SJ/JU
 Sample : J6259-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20181205

Quant Time: Dec 12 01:51:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

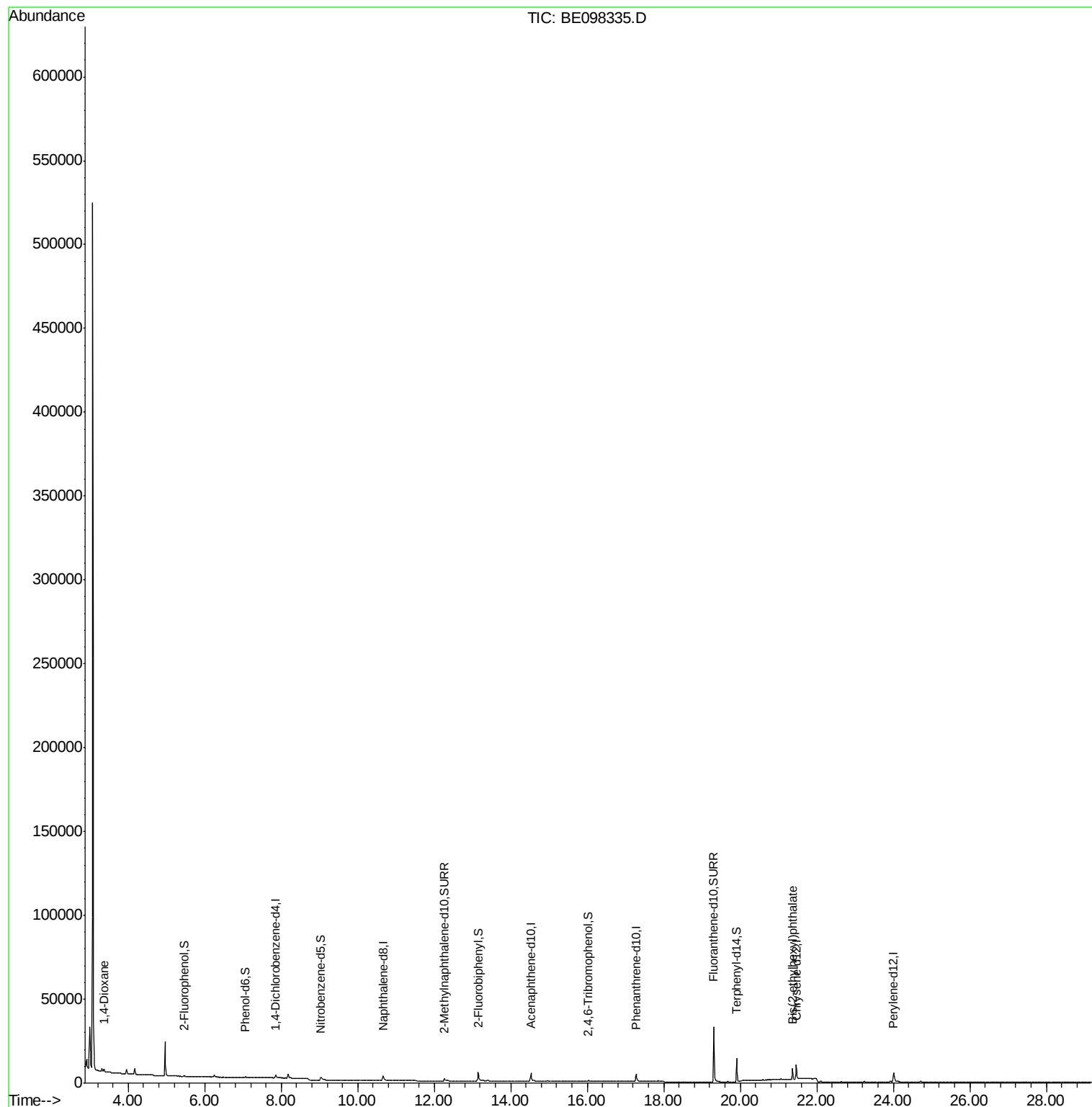
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1156	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4850	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3177	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8730	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10456	0.40	ng	0.00
34) Perylene-d12	24.01	264	9999	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	471	0.17	ng	0.00
5) Phenol-d6	7.06	99	314	0.08	ng	0.00
8) Nitrobenzene-d5	9.04	82	1887	0.43	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	3218	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	479	0.41	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	7355	0.55	ng	0.00
25) Fluoranthene-d10	19.31	212	50970	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	13667	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	1121	0.561	ng	Qvalue # 75
32) Bis(2-ethylhexyl)phthalate	21.37	149	8213	0.136	ng	97

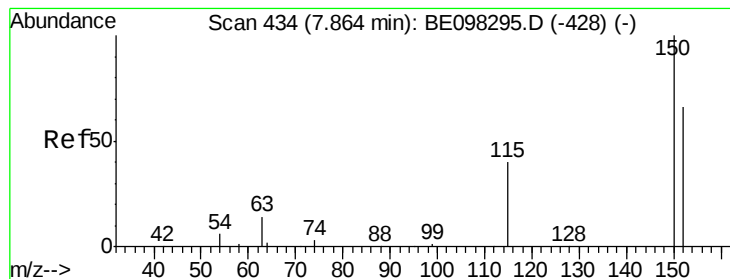
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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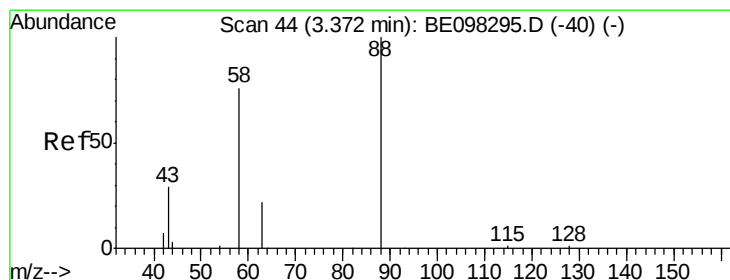
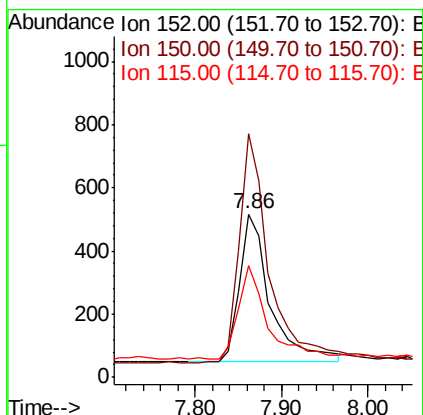
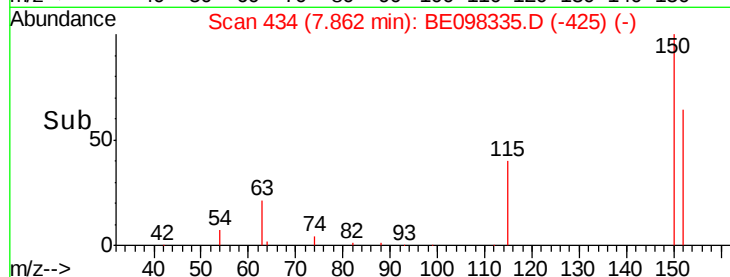
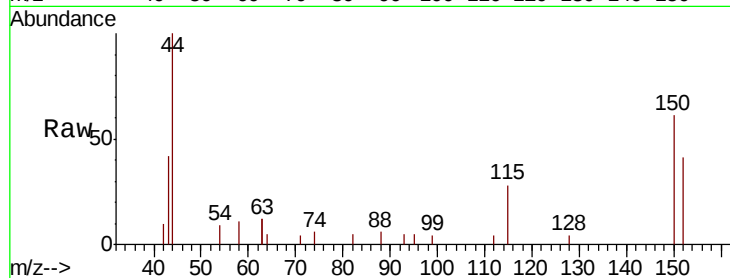


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205

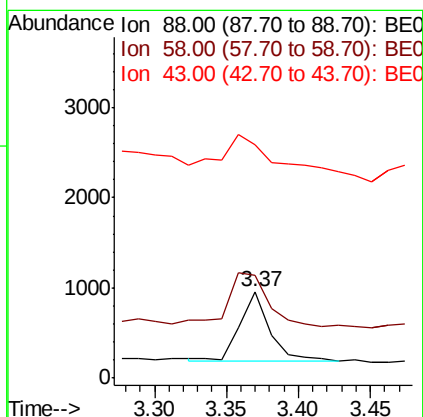
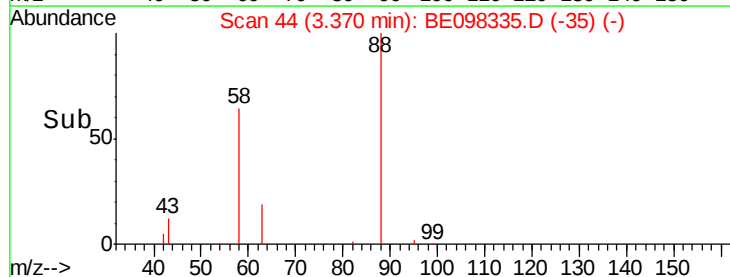
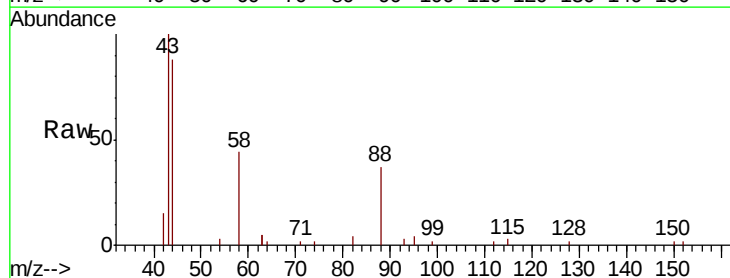
Tot Ion:152 Resp: 1156
Ion Ratio Lower Upper
152 100
150 149.4 124.2 186.4
115 68.2 53.9 80.9



#2

1,4-Dioxane
Concen: 0.561 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Tgt Ion: 88 Resp: 1121
Ion Ratio Lower Upper
88 100
58 105.6 75.0 112.6
43 81.1 38.3 57.5#





#4

2-Fluorophenol

Concen: 0.174 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20181205

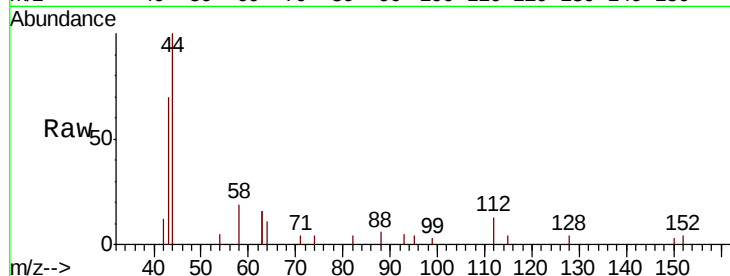
Tot Ion: 112 Resp: 471

Ion Ratio Lower Upper

112 100

64 72.8 59.8 89.8

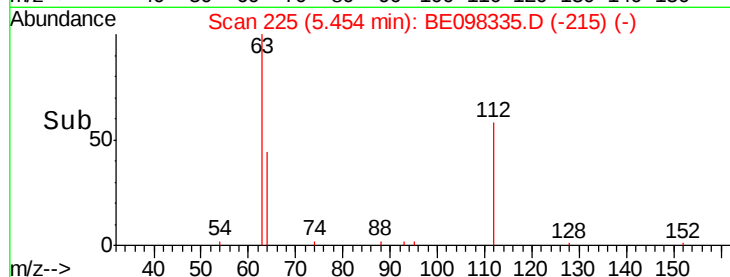
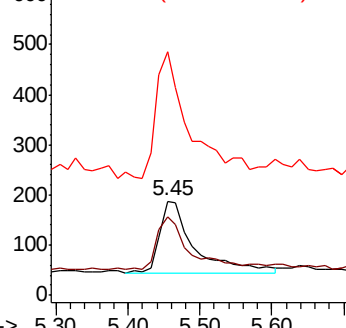
63 173.5 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.082 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

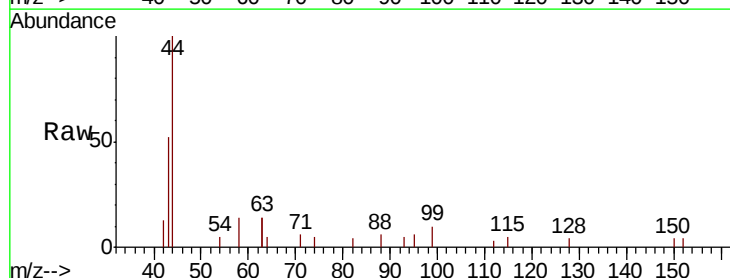
Tgt Ion: 99 Resp: 314

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

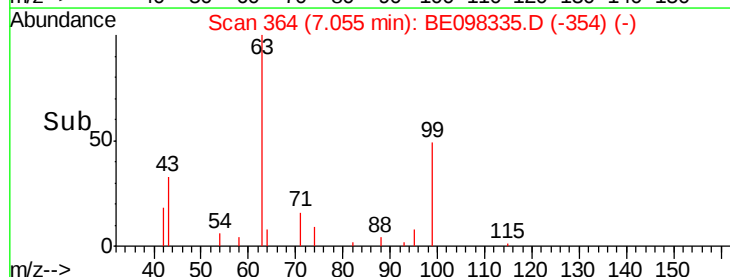
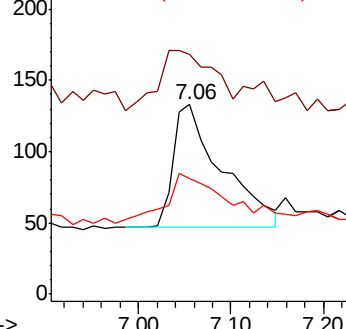
71 52.2 33.6 50.4#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20181205

Tot Ion:136 Resp: 4850

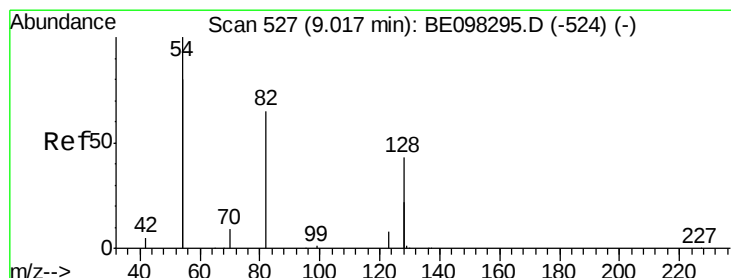
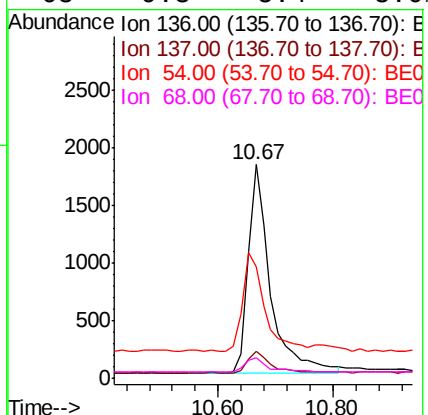
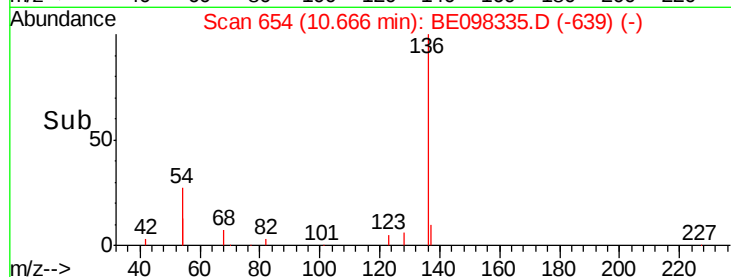
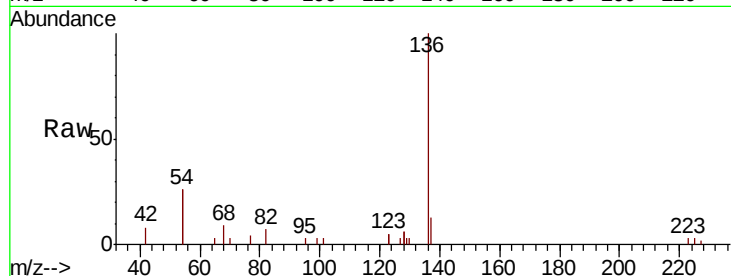
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 51.8 28.4 42.6#

68 9.3 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.427 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.02 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

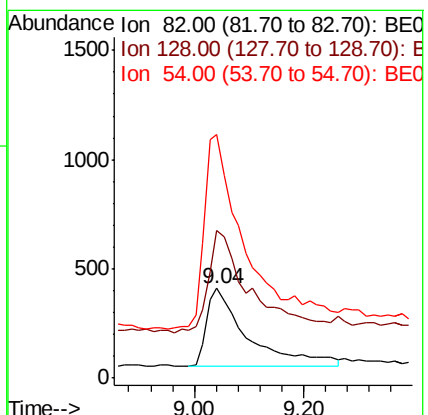
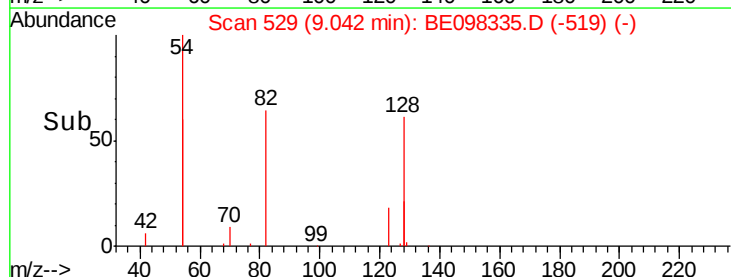
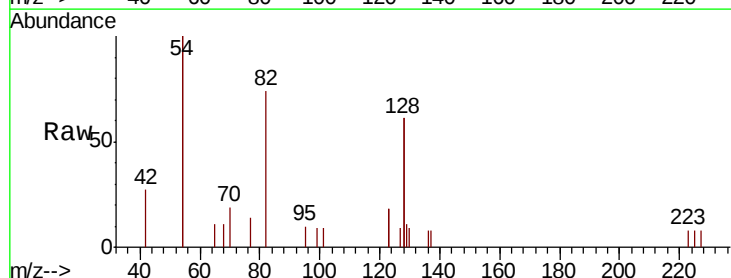
Tgt Ion: 82 Resp: 1887

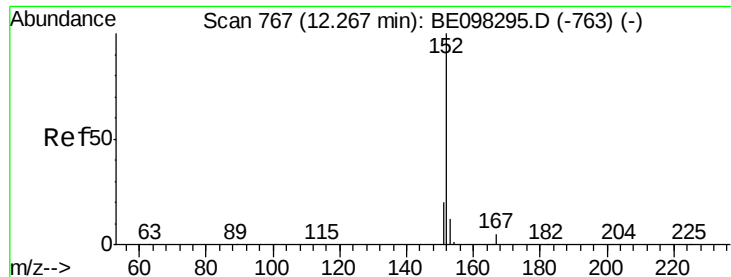
Ion Ratio Lower Upper

82 100

128 164.1 102.4 153.6#

54 270.4 221.8 332.8

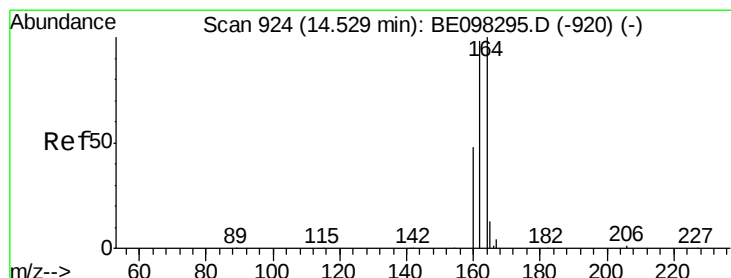
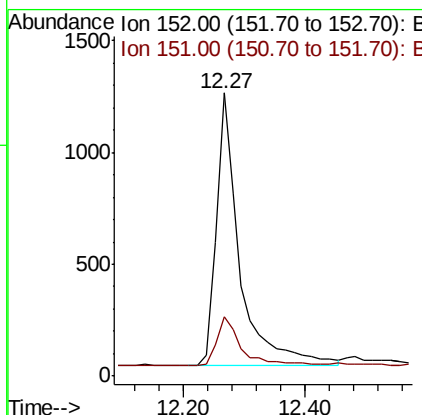
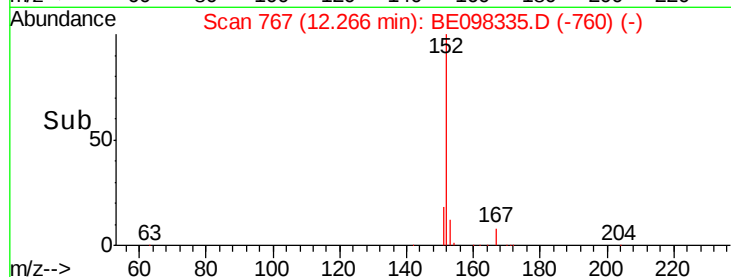
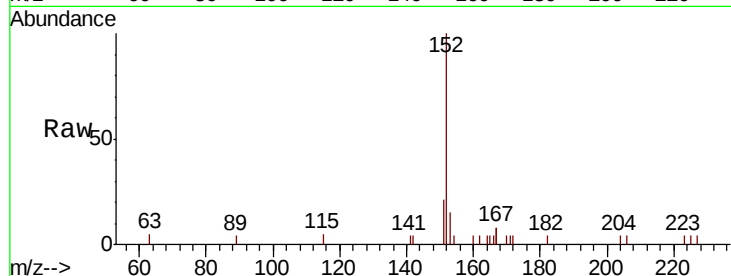




#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

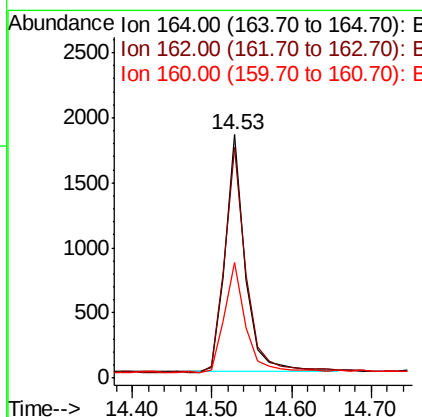
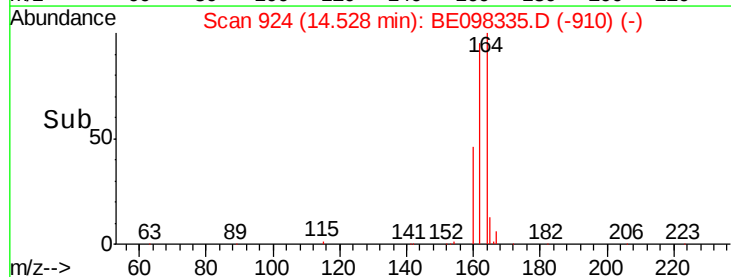
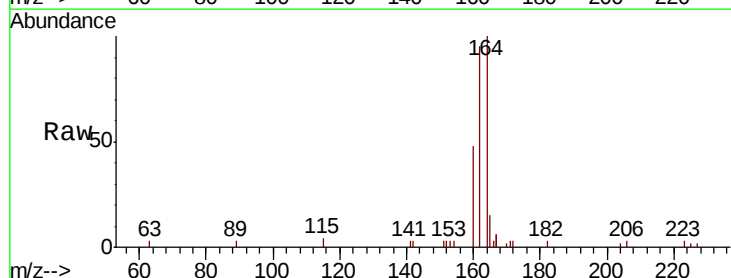
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20181205

Tot Ion:152 Resp: 3218
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

Tgt Ion:164 Resp: 3177
 Ion Ratio Lower Upper
 164 100
 162 95.0 77.6 116.4
 160 47.6 36.0 54.0





#14

2,4,6-Tribromophenol

Concen: 0.411 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20181205

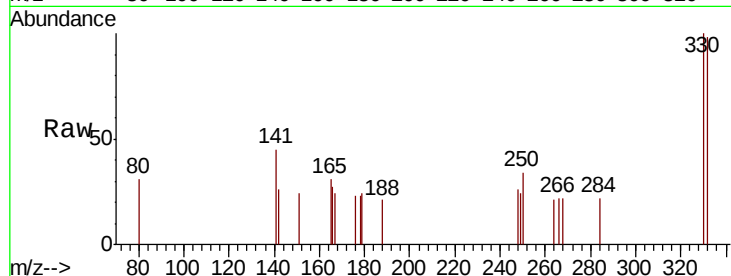
Tot Ion:330 Resp: 479

Ion Ratio Lower Upper

330 100

332 94.4 76.2 114.4

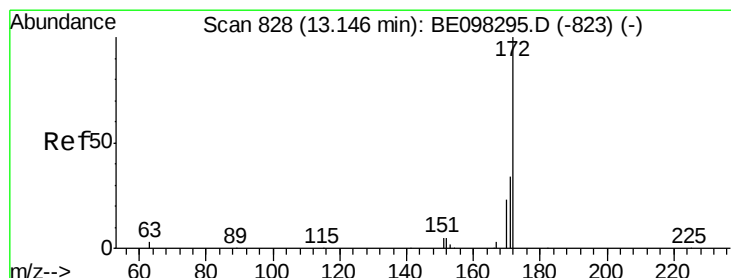
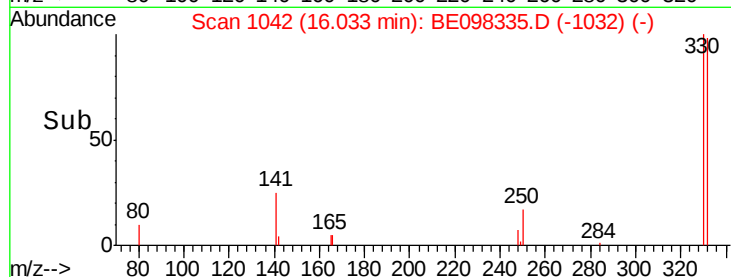
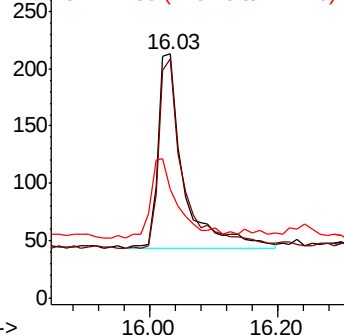
141 44.5 39.0 58.4



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: 0.549 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

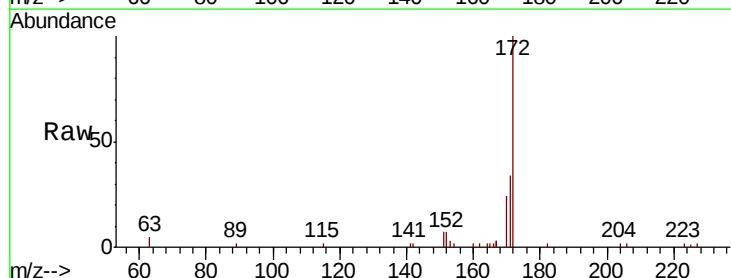
Tgt Ion:172 Resp: 7355

Ion Ratio Lower Upper

172 100

171 34.0 27.5 41.3

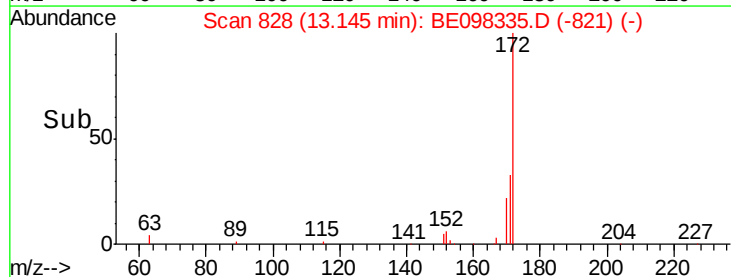
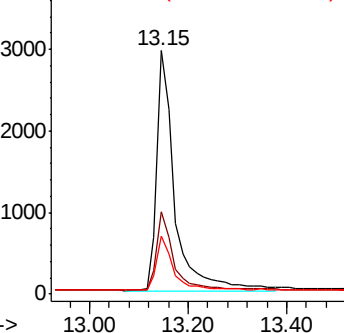
170 23.7 19.6 29.4



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20181205

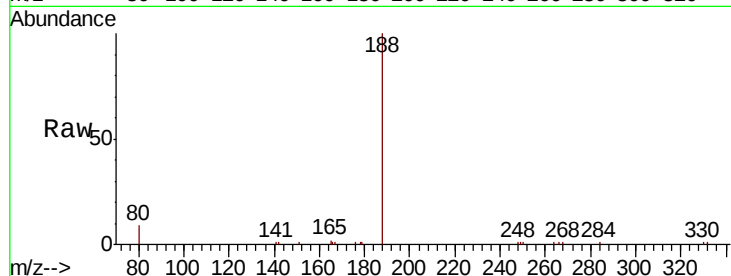
Tot Ion:188 Resp: 8730

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

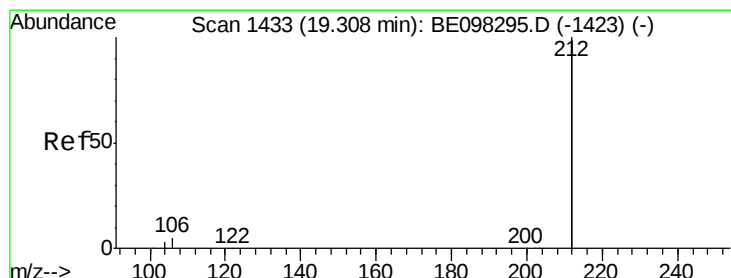
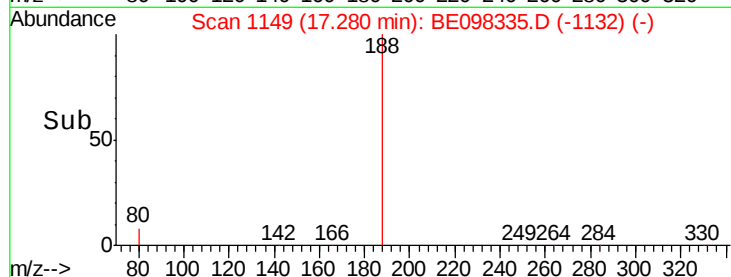
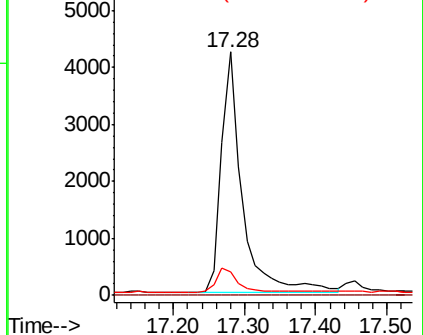
80 9.4 7.2 10.8



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



#25

Fluoranthene-d10

Concen: 0.455 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

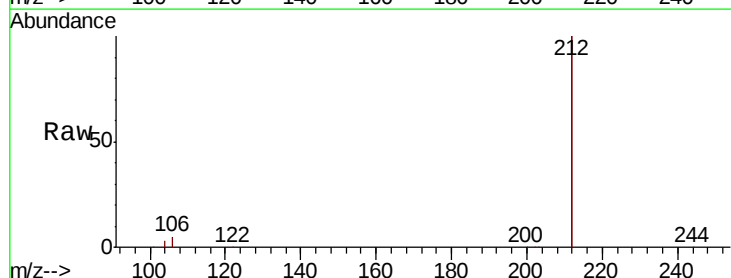
Tgt Ion:212 Resp: 50970

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

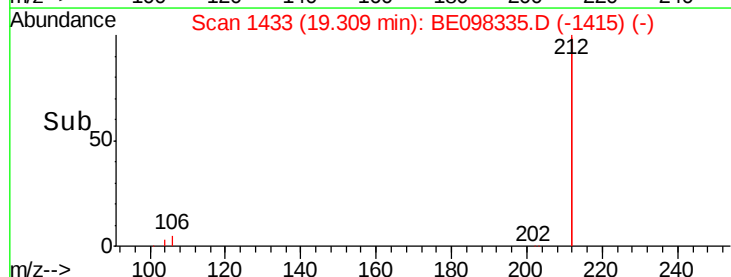
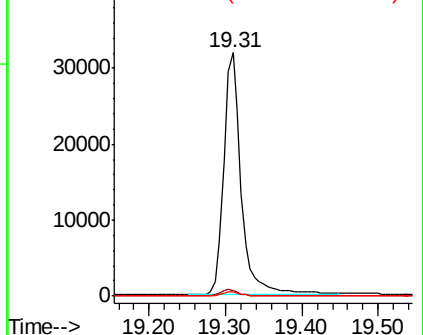
104 1.5 1.3 1.9

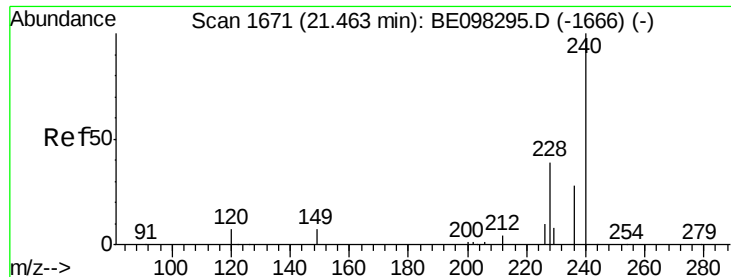


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098335.D

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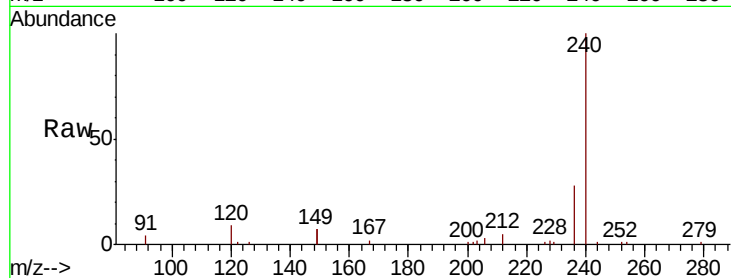
Tot Ion:240 Resp: 10456

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

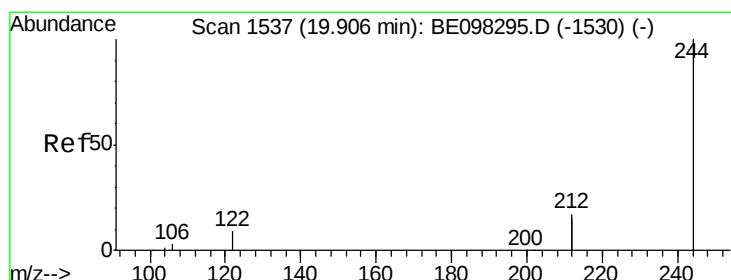
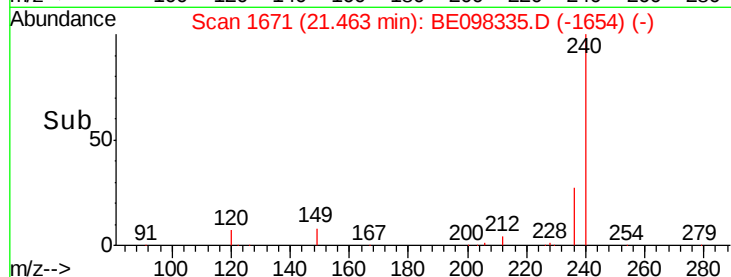
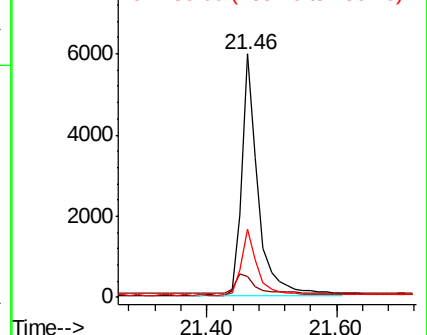
236 27.9 22.7 34.1



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: 0.538 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

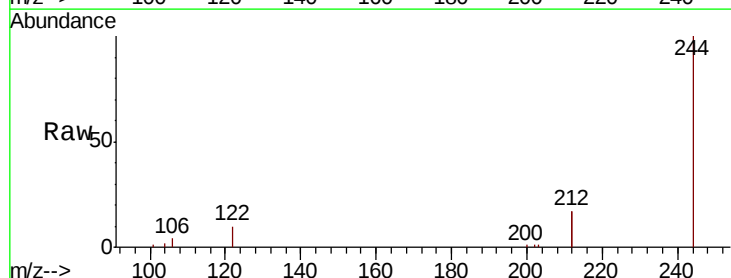
Tgt Ion:244 Resp: 13667

Ion Ratio Lower Upper

244 100

212 34.4 27.4 41.0

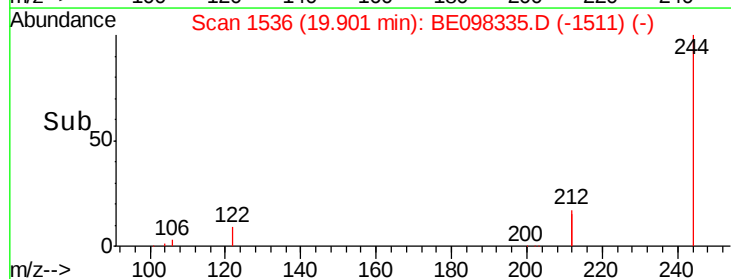
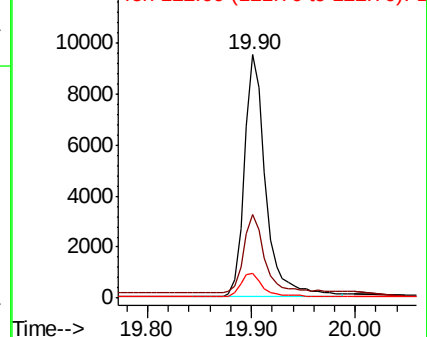
122 9.9 8.3 12.5

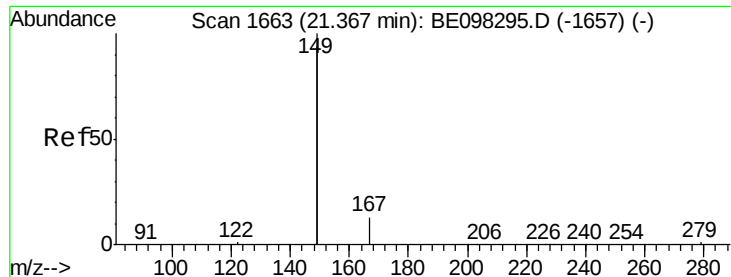


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

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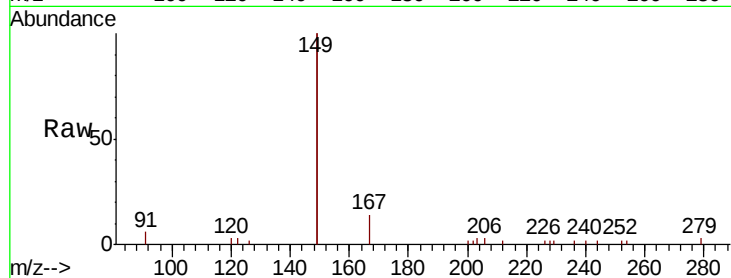
Tot Ion:149 Resp: 8213

Ion Ratio Lower Upper

149 100

167 6.0 5.7 8.5

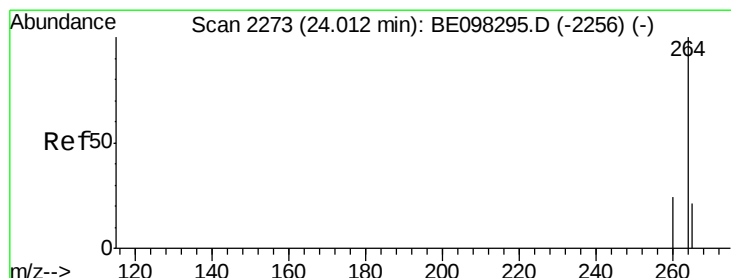
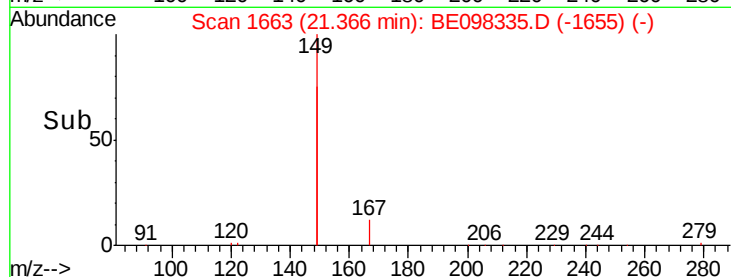
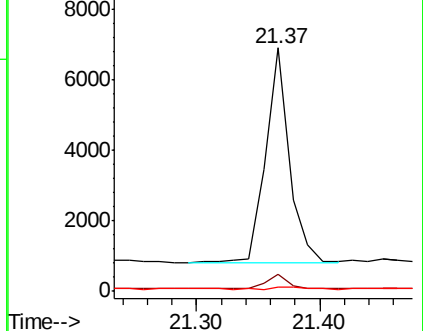
279 1.0 1.0 1.4



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

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

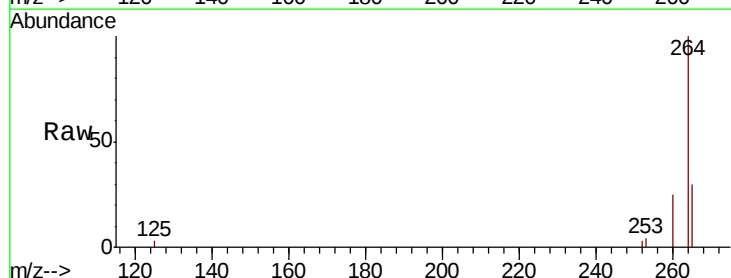
Tgt Ion:264 Resp: 9999

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 29.9 25.2 37.8



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

