

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098443.D
 Acq On : 14 Dec 2018 19:40
 Operator : SJ/JU
 Sample : J6343-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20181209

Quant Time: Dec 14 23:48:06 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

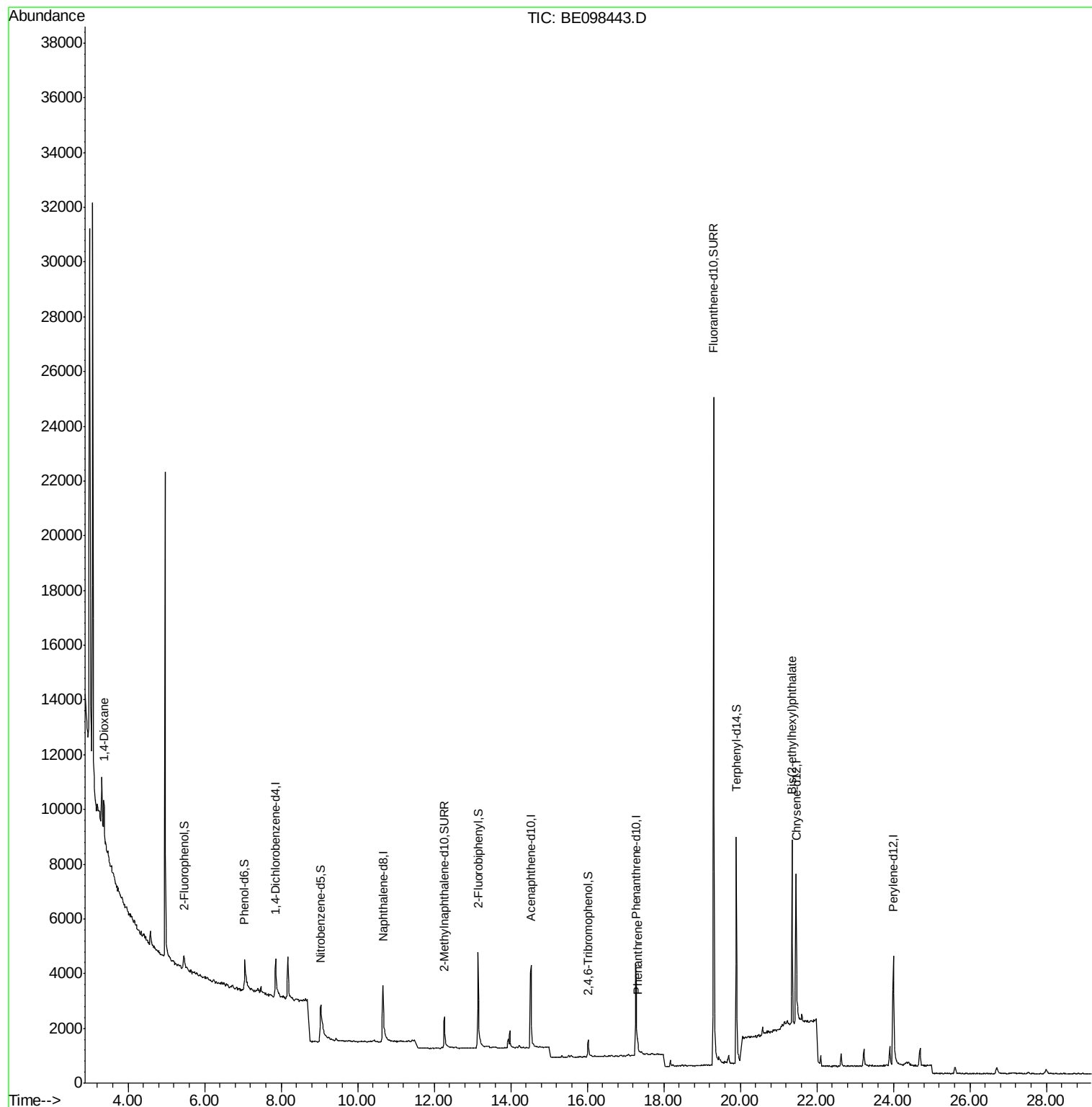
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	888	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3514	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2385	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6437	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7856	0.40	ng	0.00
34) Perylene-d12	24.00	264	7415	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	501	0.24	ng	0.00
5) Phenol-d6	7.04	99	559	0.19	ng	0.00
8) Nitrobenzene-d5	9.03	82	1247	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2418	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	514	0.59	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4591	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	38744	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	8225	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	840	0.547	ng	# 91
23) Phenanthrene	17.32	178	461	0.029	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.35	149	7549	0.166	ng	99

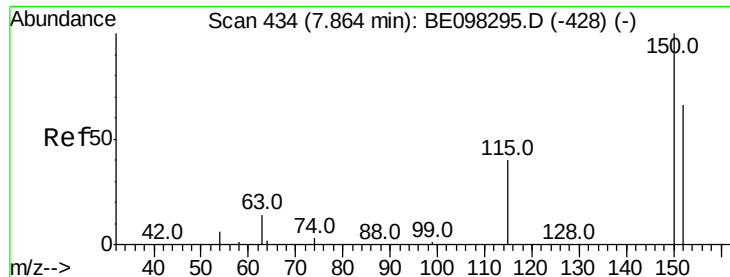
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098443.D

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BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

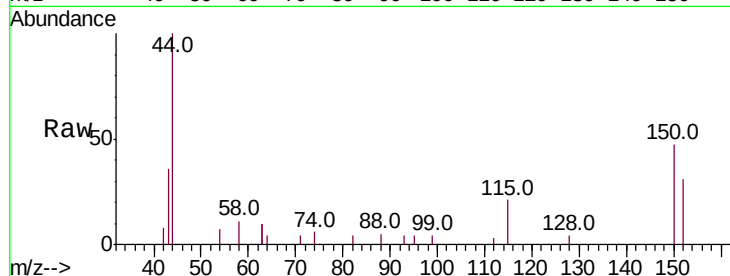
Tot Ion:152 Resp: 888

Ion Ratio Lower Upper

152 100

150 150.8 124.2 186.4

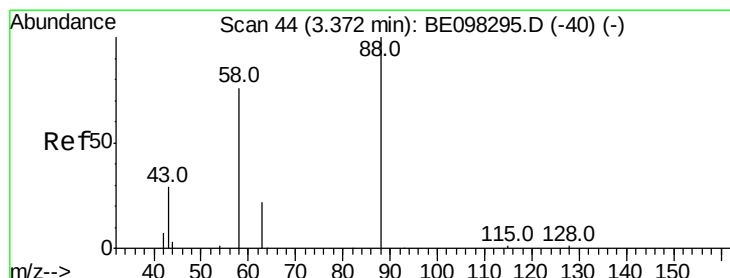
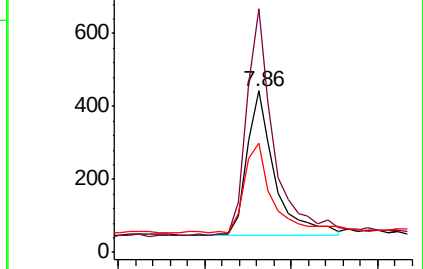
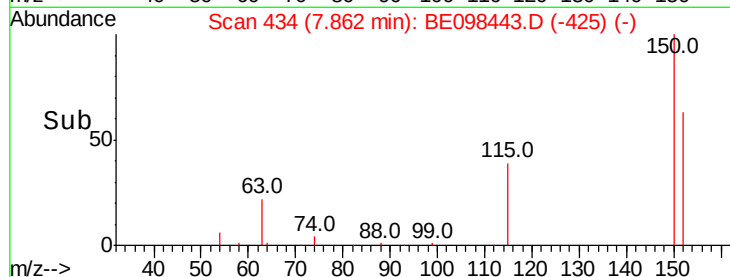
115 67.5 53.9 80.9



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: 0.547 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

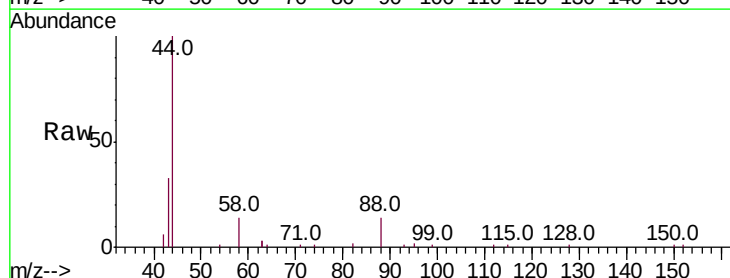
Tgt Ion: 88 Resp: 840

Ion Ratio Lower Upper

88 100

58 90.8 75.0 112.6

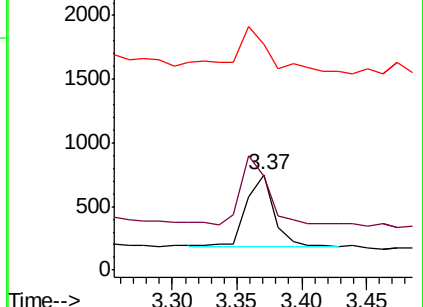
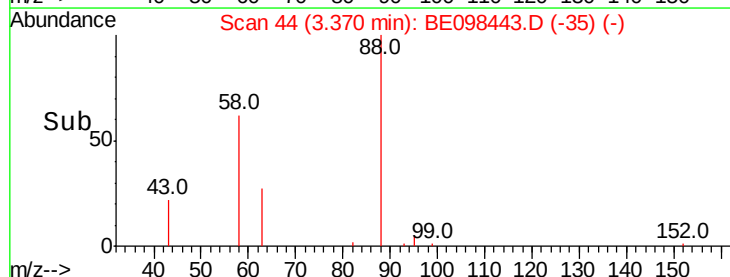
43 62.4 38.3 57.5#

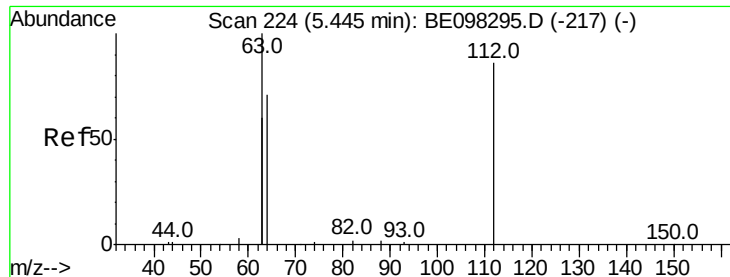


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.241 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

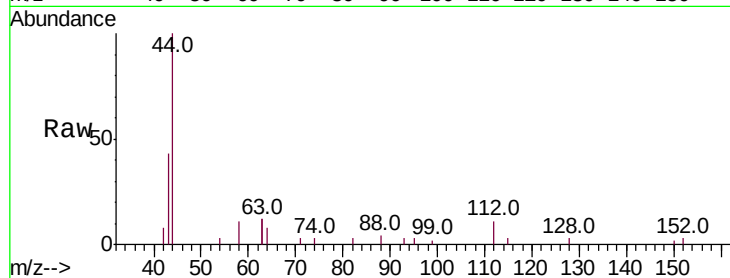
Tot Ion: 112 Resp: 501

Ion Ratio Lower Upper

112 100

64 73.9 59.8 89.8

63 169.7 133.7 200.5



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

600

400

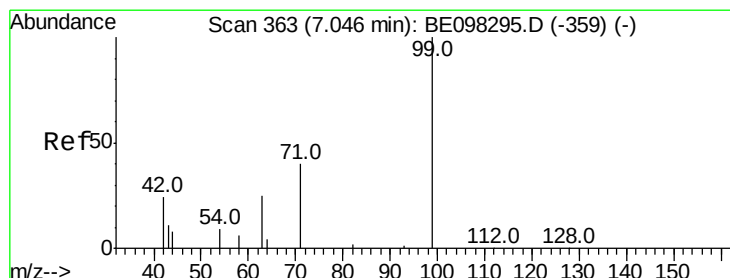
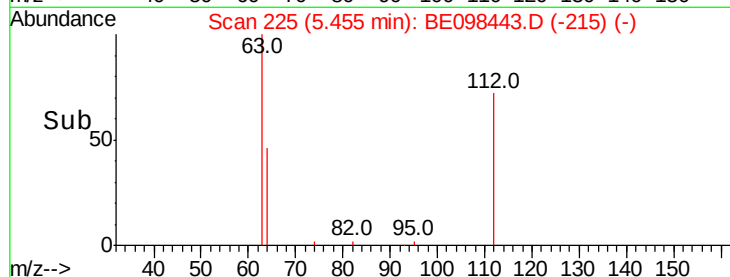
200

0

5.40 5.50 5.60

5.45

Time-->



#5

Phenol-d6

Concen: 0.190 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

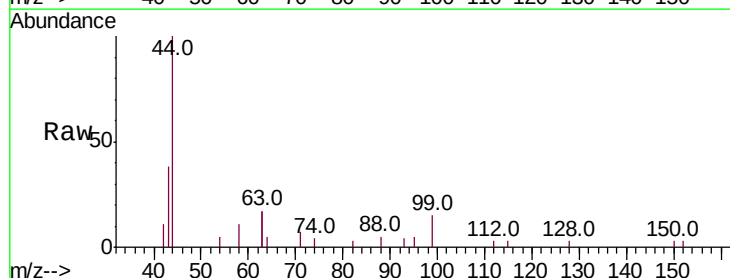
Tgt Ion: 99 Resp: 559

Ion Ratio Lower Upper

99 100

42 50.4 26.3 39.5#

71 42.8 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

300

250

200

150

100

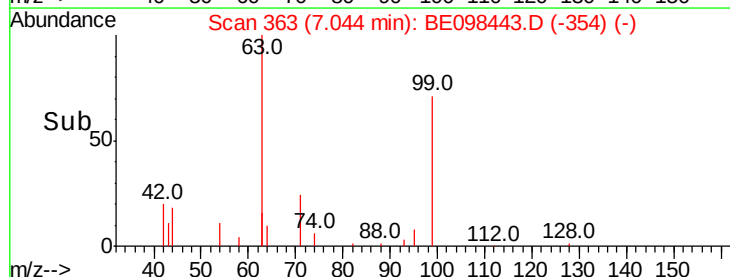
50

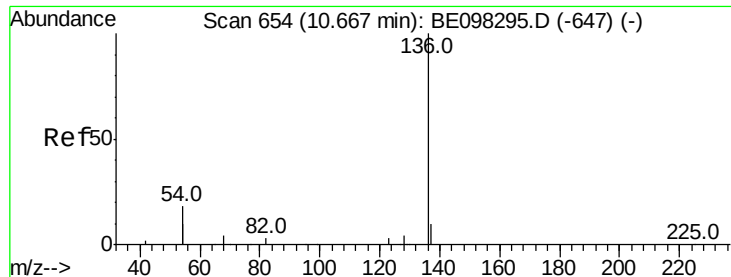
0

6.90 7.00 7.10 7.20

7.04

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

Tot Ion:136 Resp: 3514

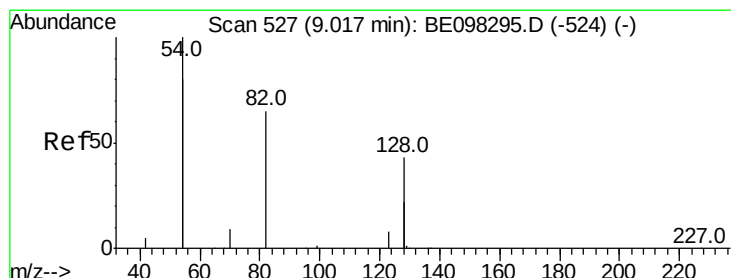
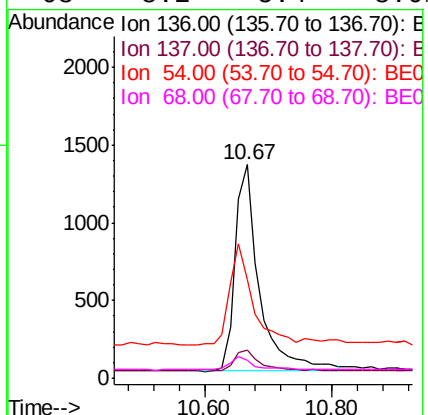
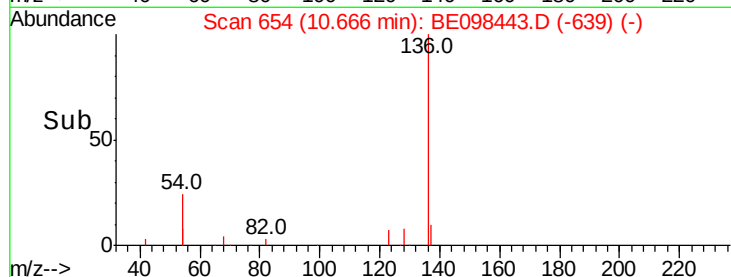
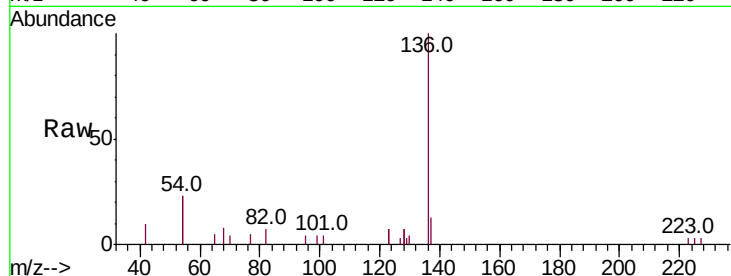
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 46.3 28.4 42.6#

68 8.2 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.390 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

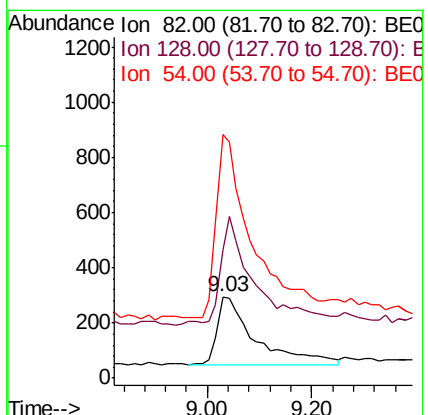
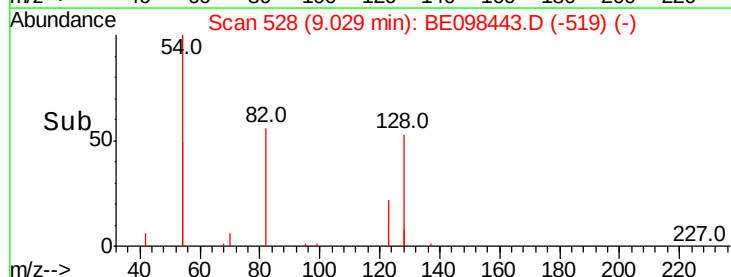
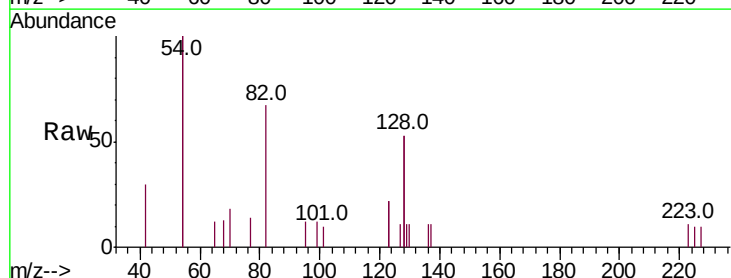
Tgt Ion: 82 Resp: 1247

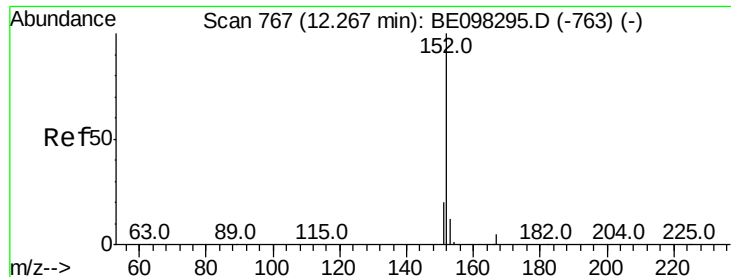
Ion Ratio Lower Upper

82 100

128 157.4 102.4 153.6#

54 298.0 221.8 332.8

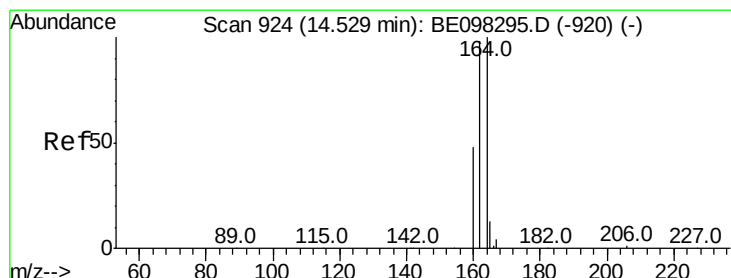
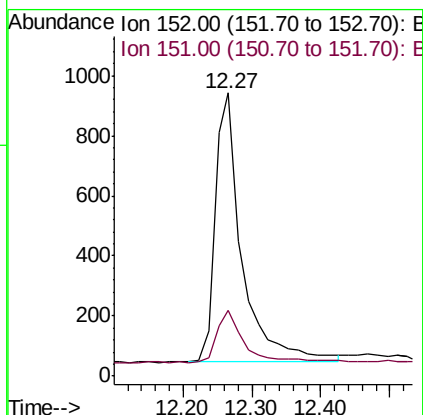
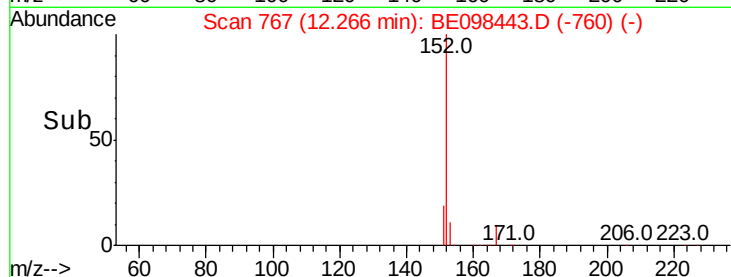
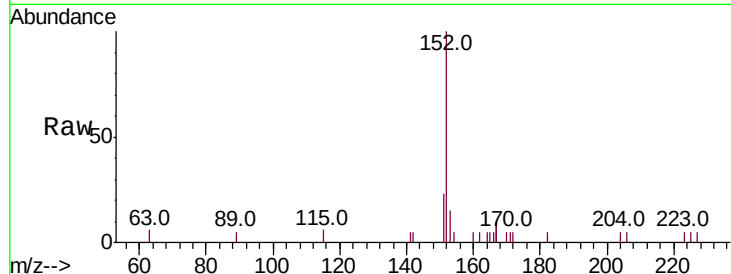




#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098443.D
Acq: 14 Dec 2018 19:40

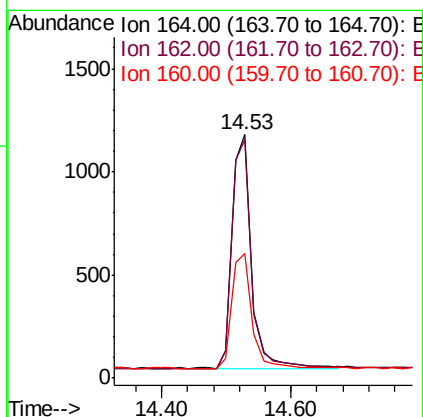
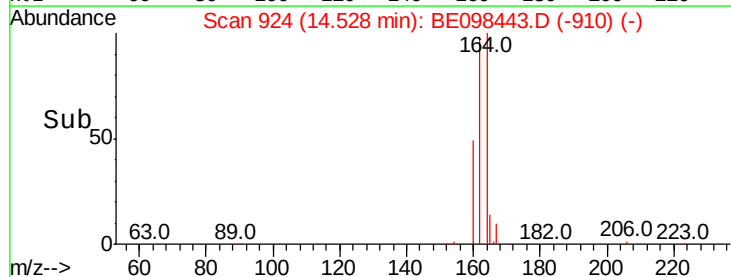
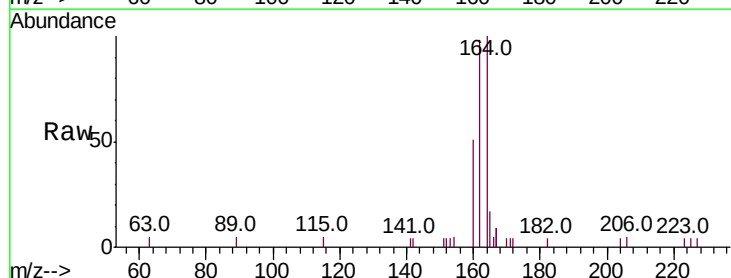
Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24IR-20181209

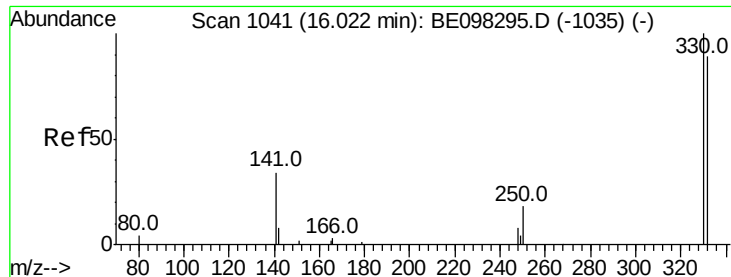
Tot Ion:152 Resp: 2418
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098443.D
Acq: 14 Dec 2018 19:40

Tgt Ion:164 Resp: 2385
Ion Ratio Lower Upper
164 100
162 97.7 77.6 116.4
160 51.4 36.0 54.0

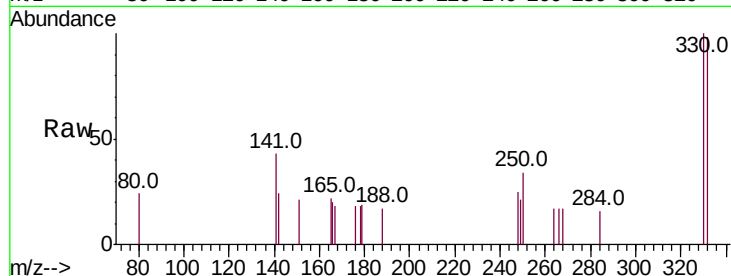




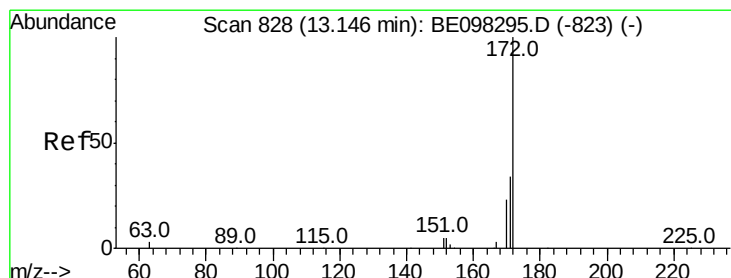
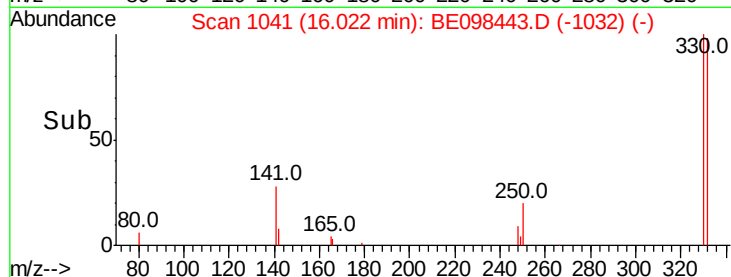
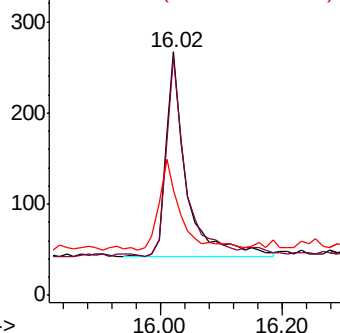
#14
 2,4,6-Tribromophenol
 Concen: 0.587 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098443.D
 Acq: 14 Dec 2018 19:40

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20181209

Tot Ion:330 Resp: 514
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.2 114.4
 141 49.0 39.0 58.4

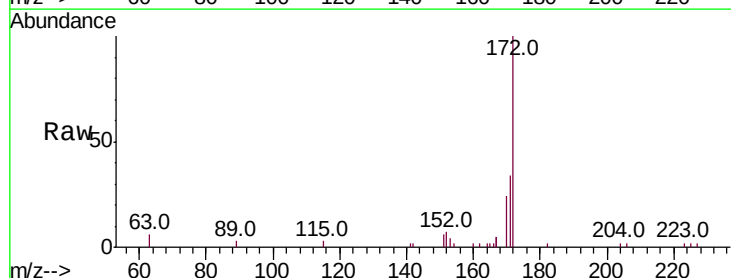


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

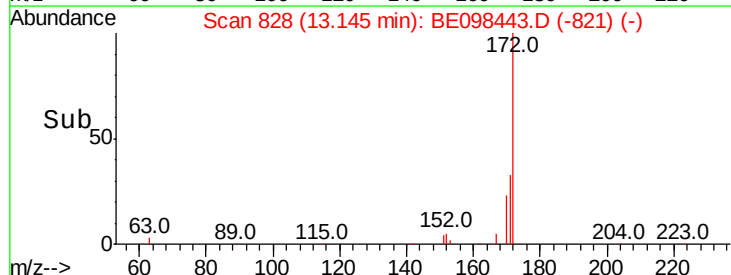
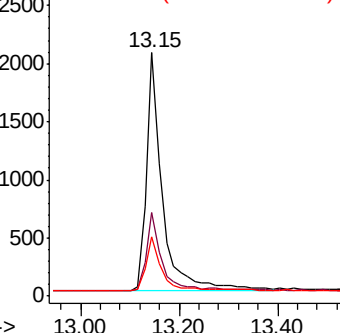


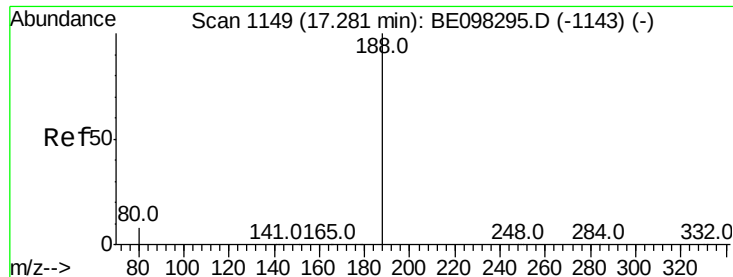
#15
 2-Fluorobiphenyl
 Concen: 0.456 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098443.D
 Acq: 14 Dec 2018 19:40

Tgt Ion:172 Resp: 4591
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.5 41.3
 170 24.5 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

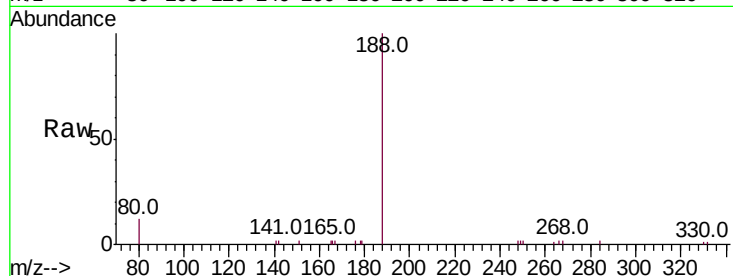
Tot Ion:188 Resp: 6437

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

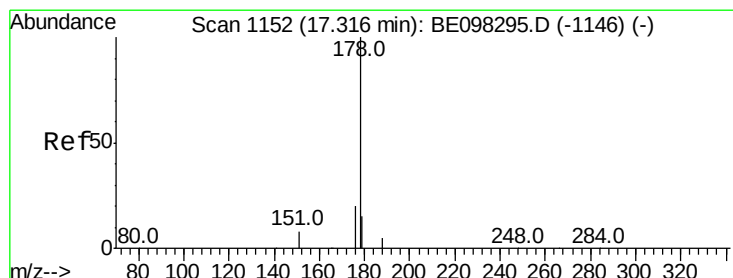
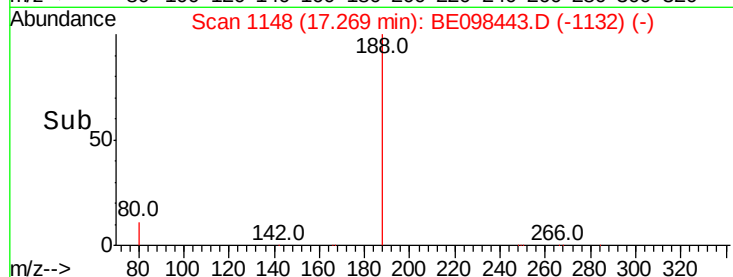
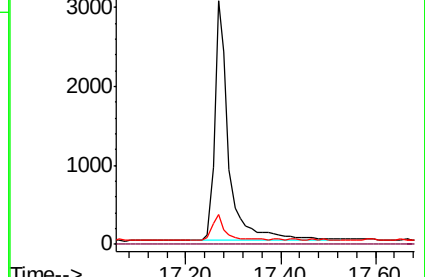
80 12.4 7.2 10.8#



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



#23

Phenanthrene

Concen: 0.029 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

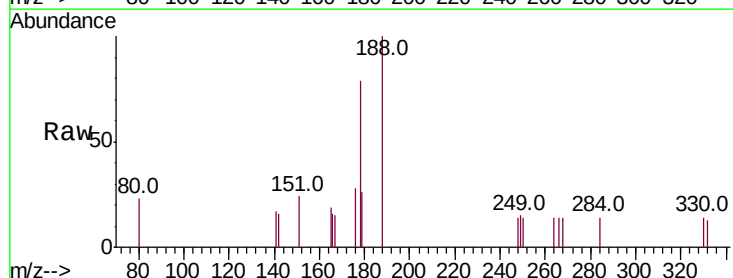
Tgt Ion:178 Resp: 461

Ion Ratio Lower Upper

178 100

176 21.9 15.9 23.9

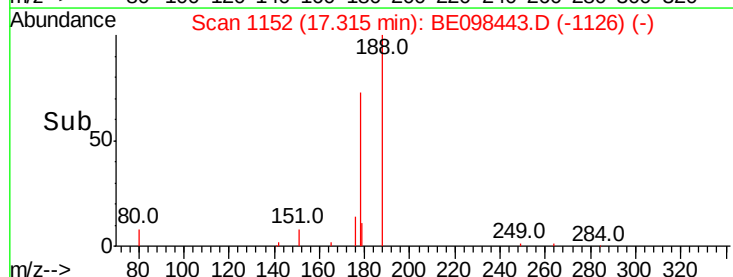
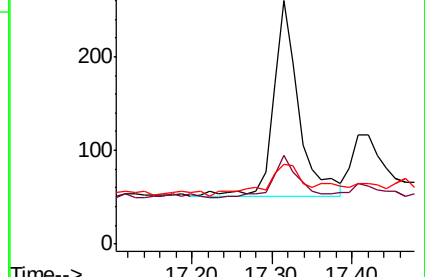
179 23.4 12.3 18.5#

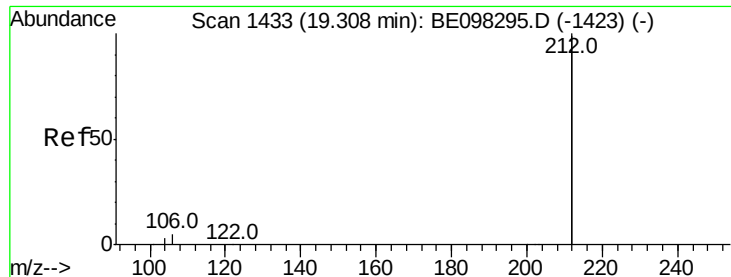


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.469 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

Instrument :

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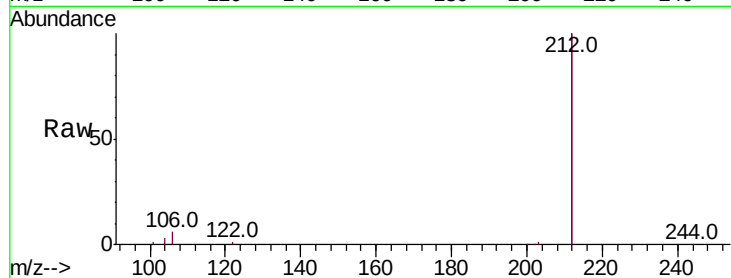
Tot Ion:212 Resp: 38744

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

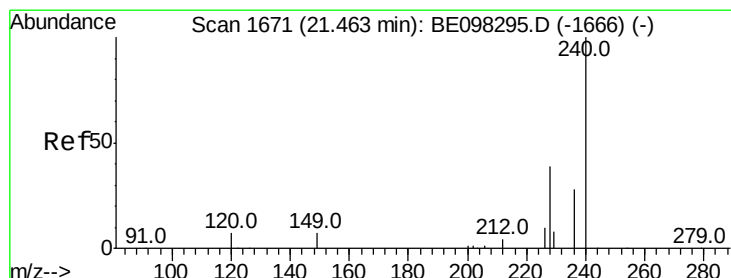
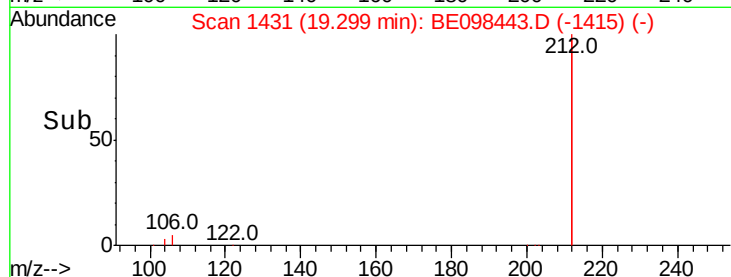
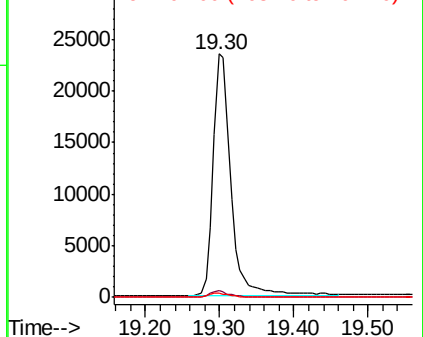
104 1.5 1.3 1.9



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: BE098443.D

Acq: 14 Dec 2018 19:40

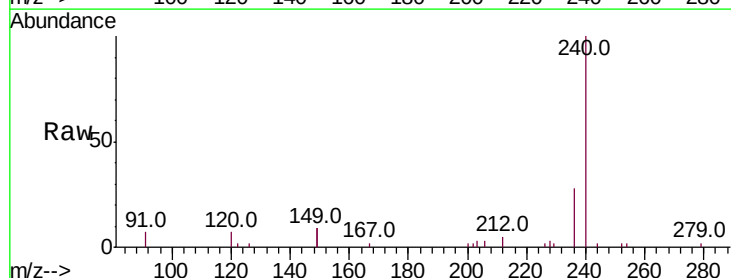
Tgt Ion:240 Resp: 7856

Ion Ratio Lower Upper

240 100

120 6.8 9.5 14.3#

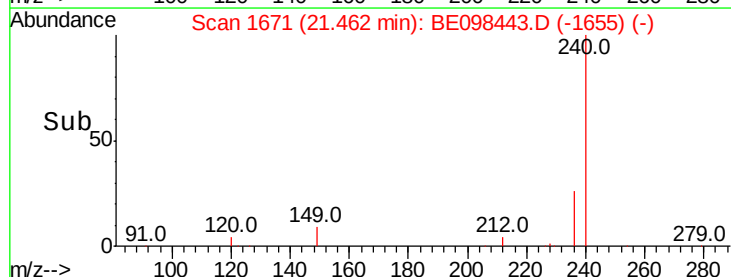
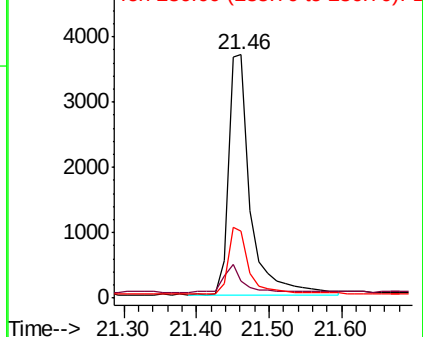
236 27.5 22.7 34.1

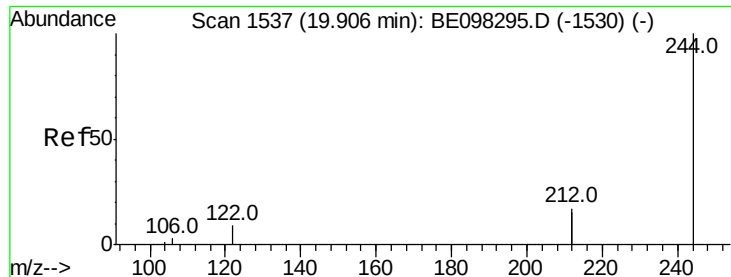


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.431 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

Instrument :

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ClientSampleId :

BP-HN-MW24IR-20181209

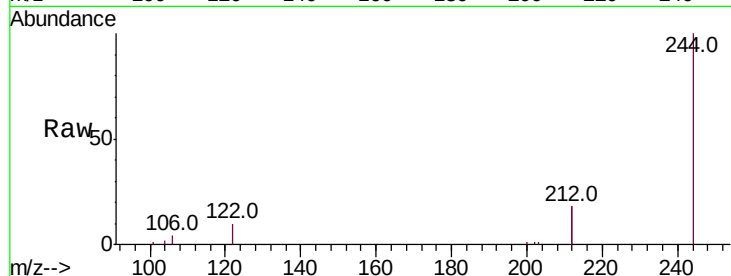
Tot Ion:244 Resp: 8225

Ion Ratio Lower Upper

244 100

212 36.2 27.4 41.0

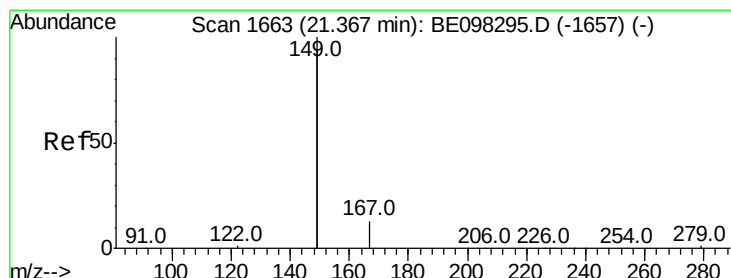
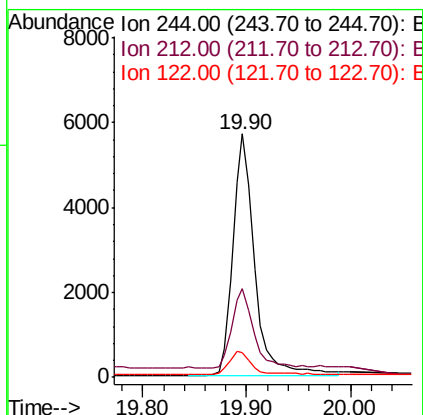
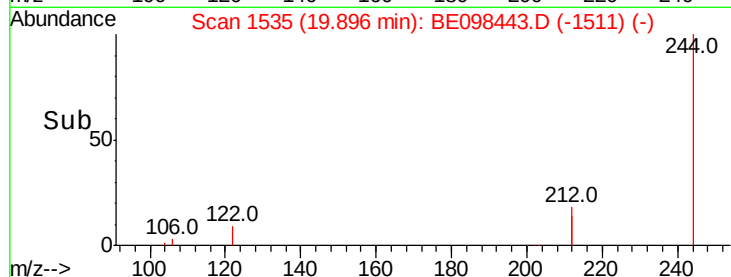
122 10.1 8.3 12.5



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: 0.166 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

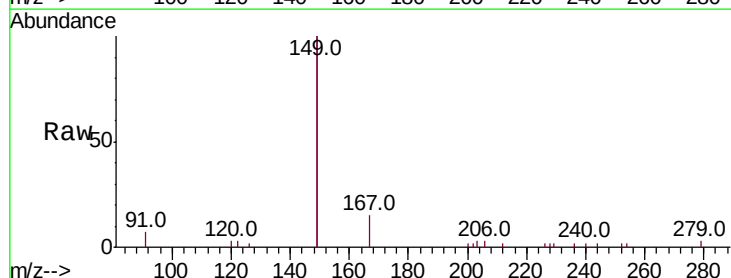
Tgt Ion:149 Resp: 7549

Ion Ratio Lower Upper

149 100

167 7.6 5.7 8.5

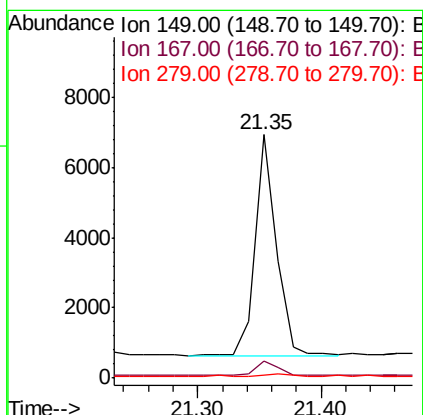
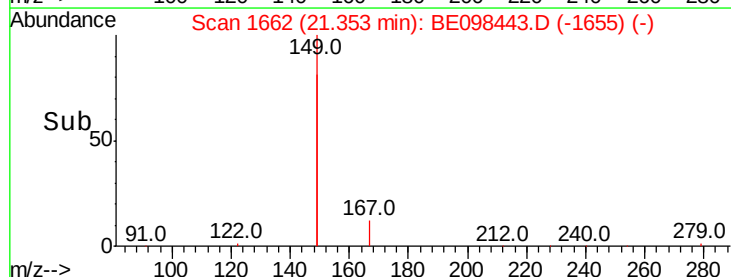
279 1.3 1.0 1.4

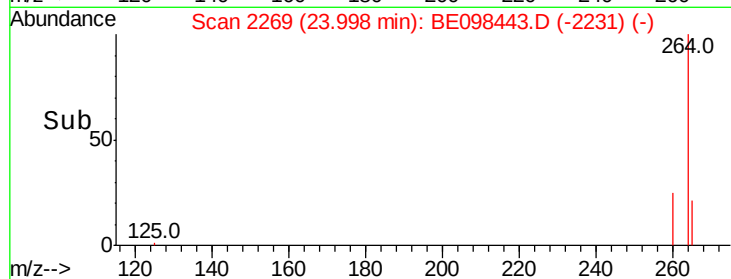
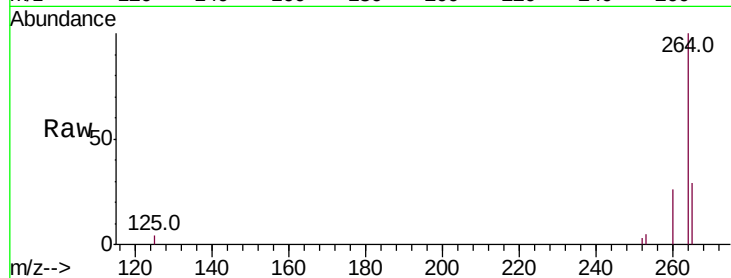
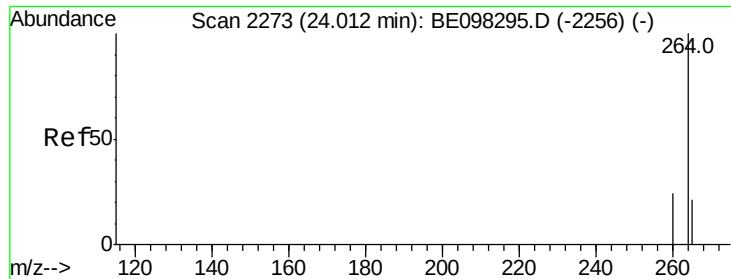


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

Tot Ion:264 Resp: 7415

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 28.7 25.2 37.8

