

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 23:32:44 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

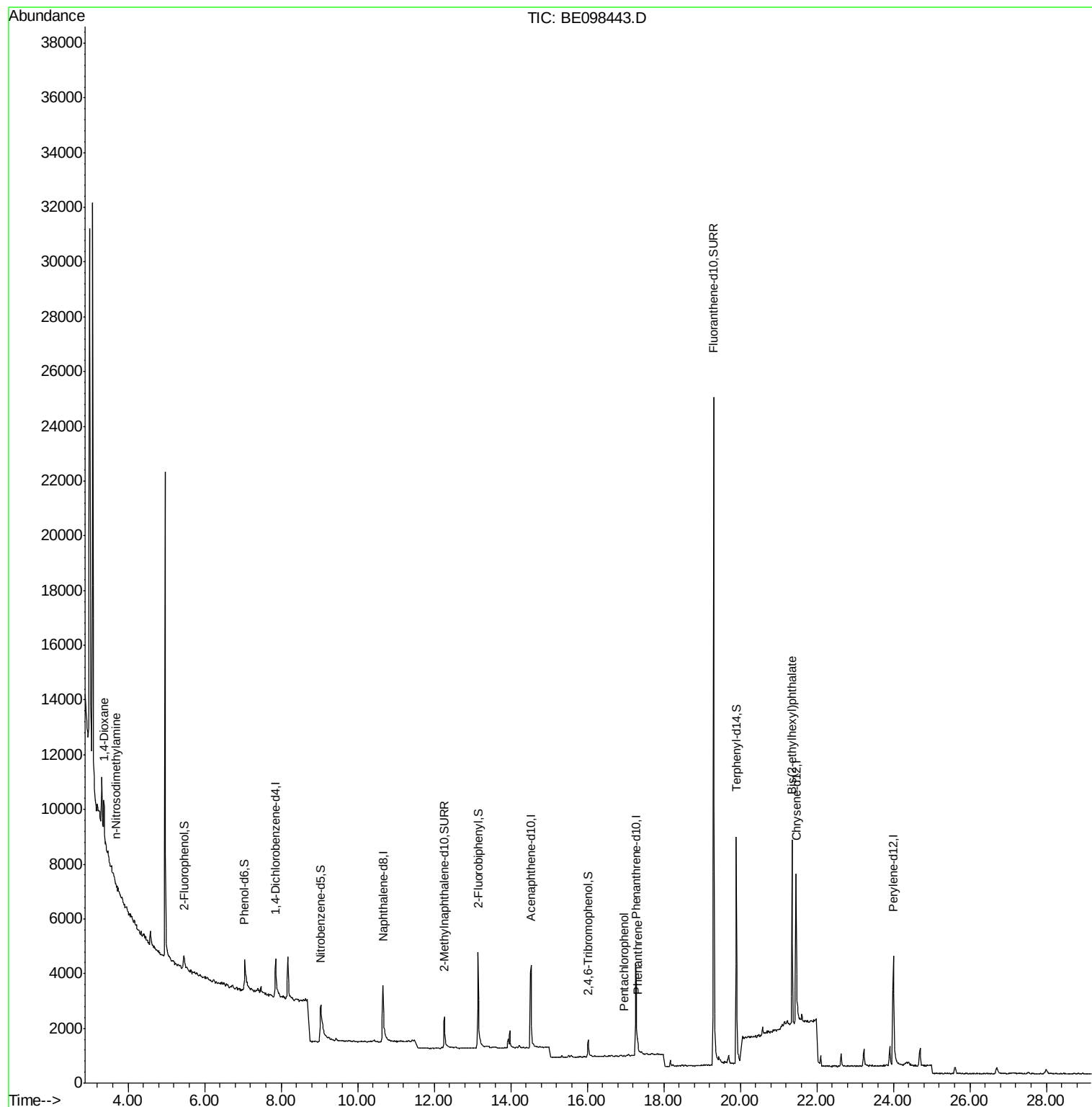
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	888	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3514	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2385	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6437	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7856	0.40	ng	0.00
34) 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						Qvalue
2) 1,4-Dioxane	3.37	88	840	0.547	ng	# 91
3) n-Nitrosodimethylamine	3.68	42	59	0.043	ng	# 100
22) Pentachlorophenol	16.97	266	17	0.046	ng	# 70
23) Phenanthrene	17.32	178	461	0.029	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.35	149	7549	0.166	ng	99

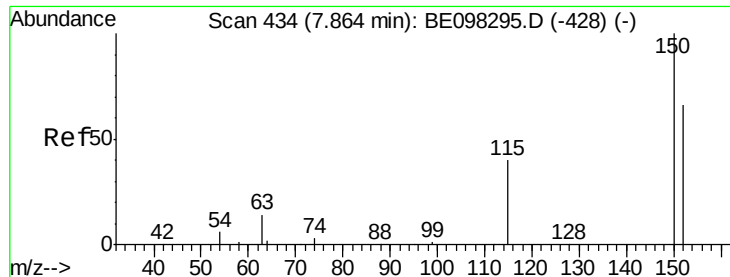
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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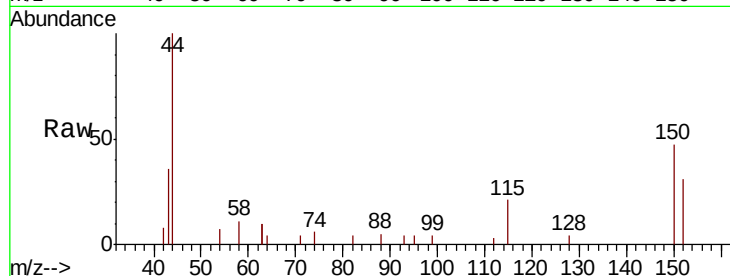


#1

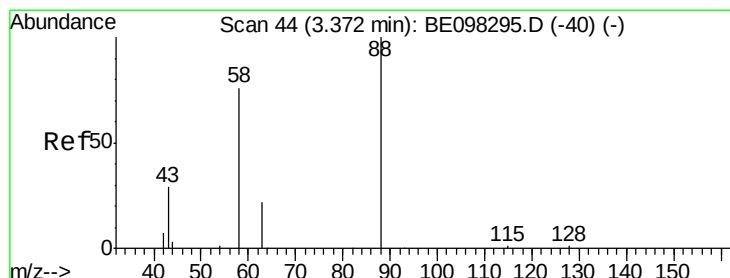
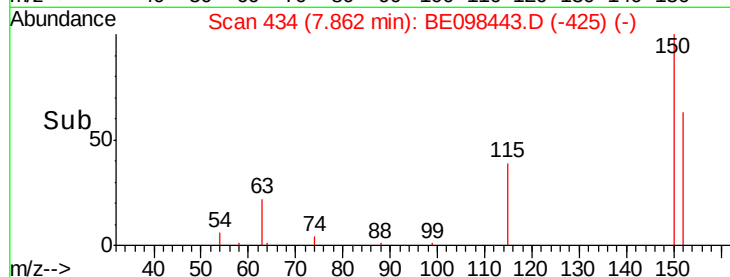
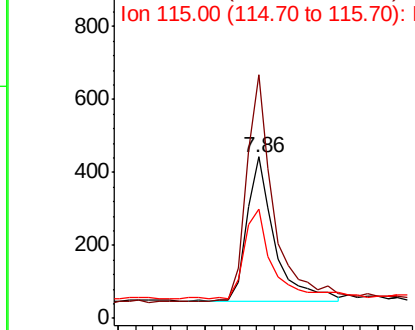
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098443.D
Acq: 14 Dec 2018 19:40

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

Tgt Ion: 152 Resp: 888
Ion Ratio Lower Upper
152 100
150 150.8 124.2 186.4
115 67.5 53.9 80.9



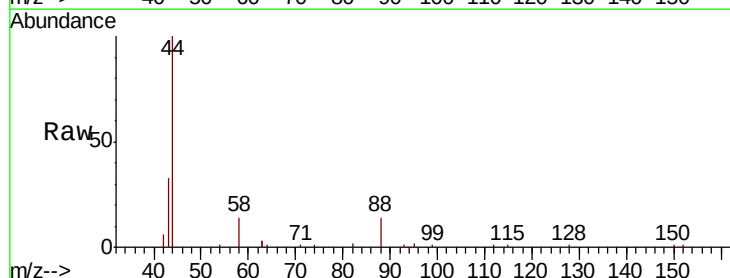
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



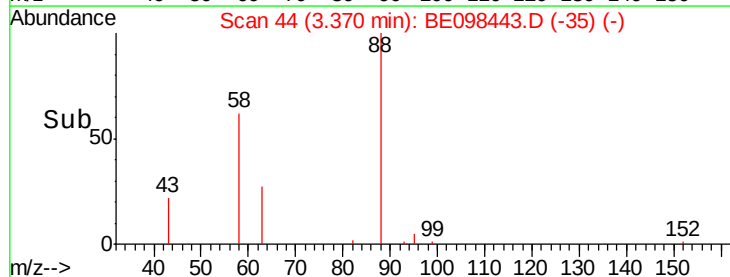
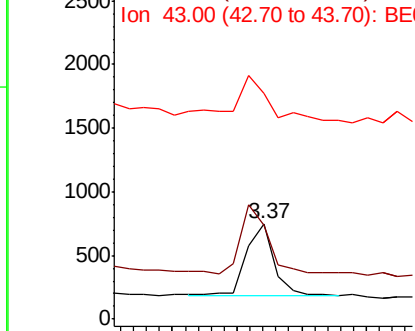
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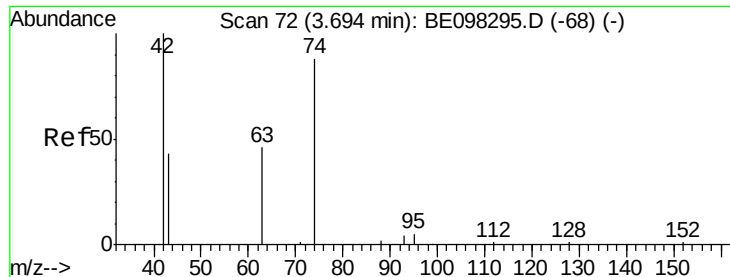
1,4-Dioxane
Concen: 0.547 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098443.D
Acq: 14 Dec 2018 19:40

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





#3

n-Nitrosodimethylamine

Concen: 0.043 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

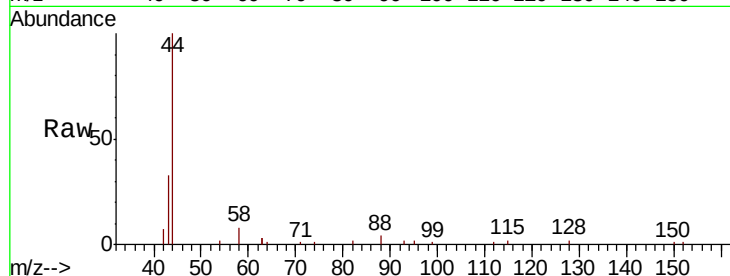
Tgt Ion: 42 Resp: 59

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

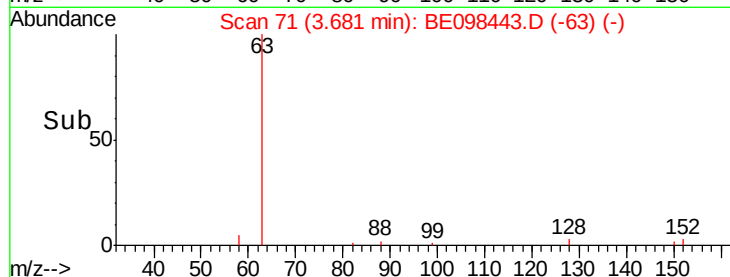
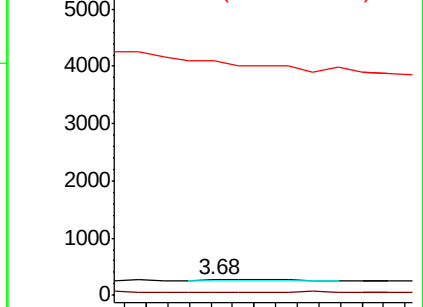
44 0.0 0.0 0.0



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: 0.241 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098443.D

Acq: 14 Dec 2018 19:40

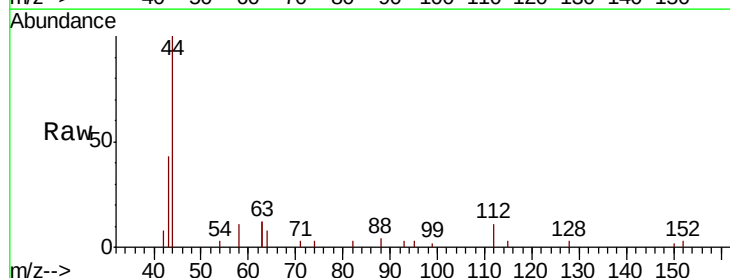
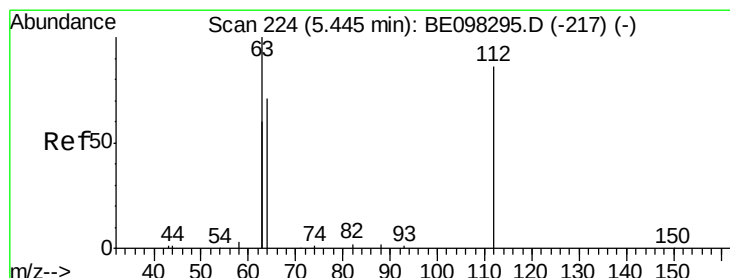
Tgt Ion: 112 Resp: 501

Ion Ratio Lower Upper

112 100

64 73.9 59.8 89.8

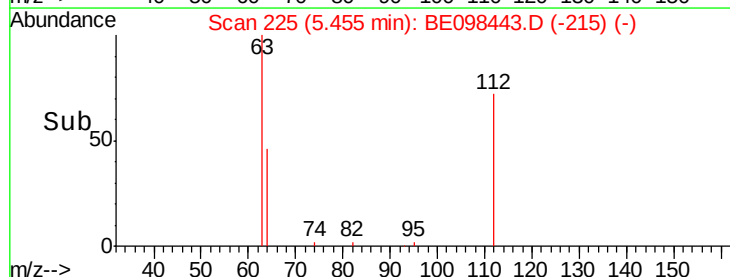
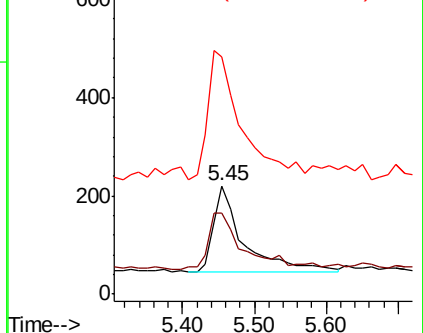
63 169.7 133.7 200.5

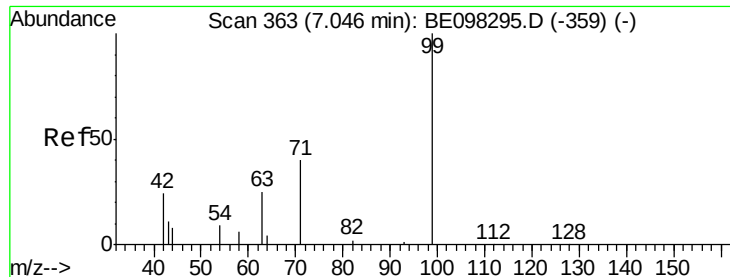


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

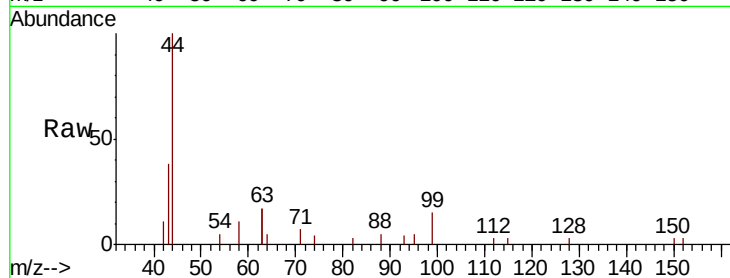
Tgt Ion: 99 Resp: 559

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

7.04

250

200

150

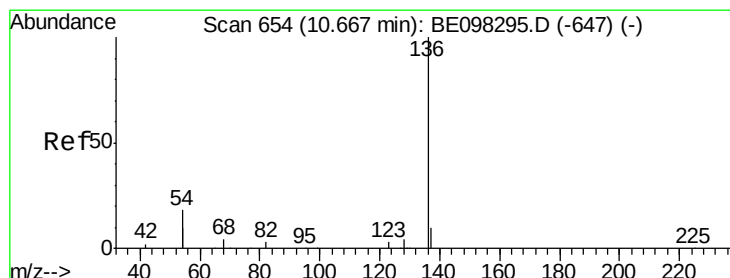
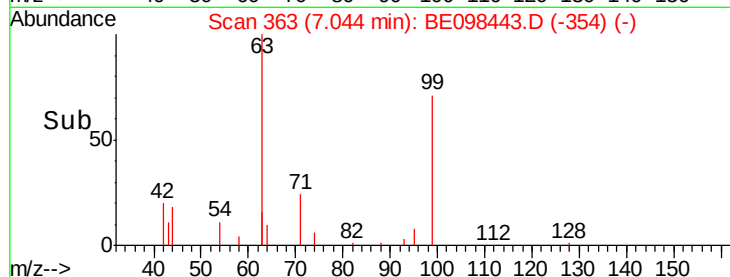
100

50

0

6.90 7.00 7.10 7.20

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

Tgt Ion: 136 Resp: 3514

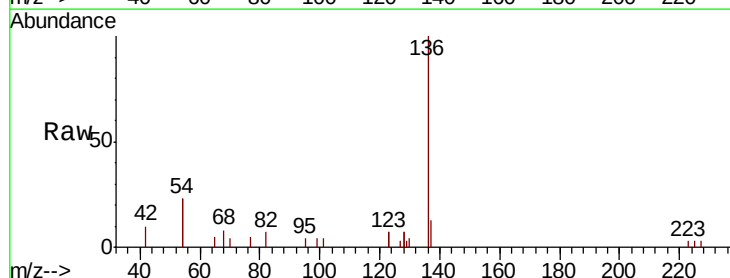
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 46.3 28.4 42.6#

68 8.2 5.4 8.0#



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

10.67

2000

1500

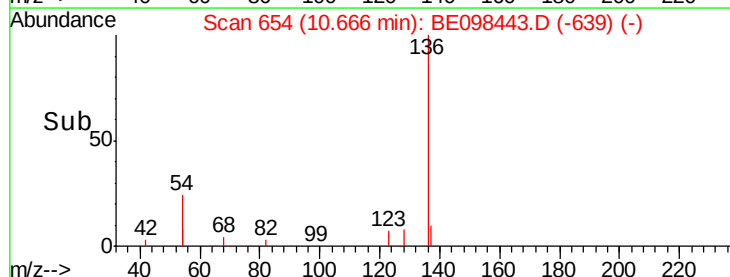
1000

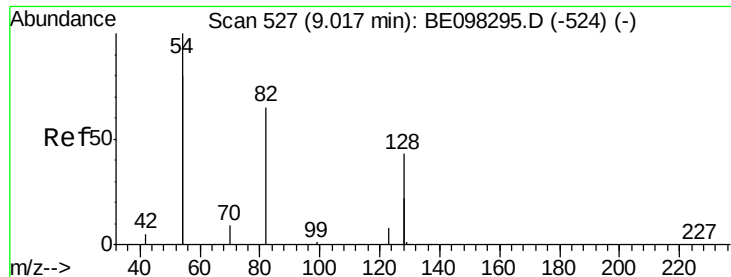
500

0

10.60 10.70 10.80

Time-->

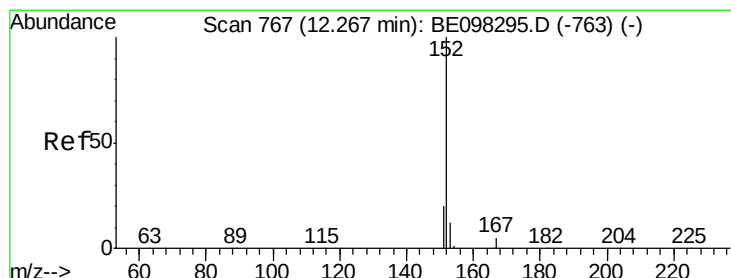
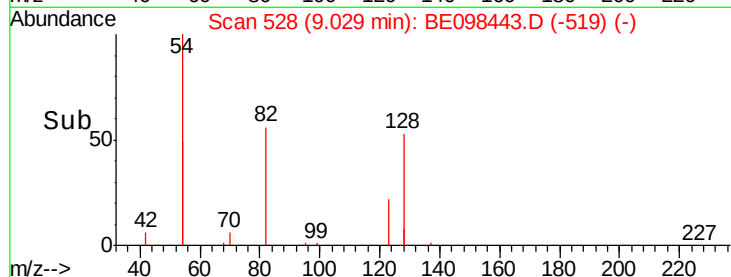
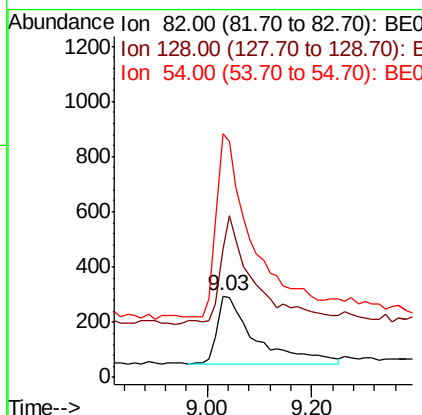
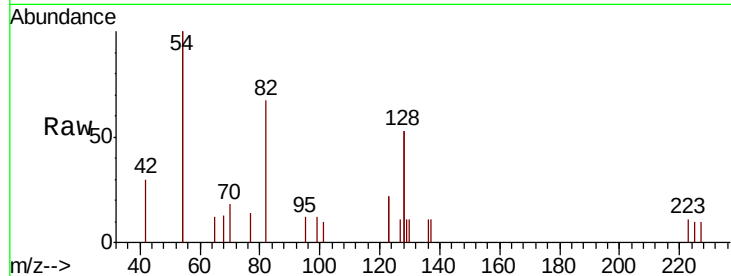




#8
 Nitrobenzene-d5
 Concen: 0.390 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098443.D
 Acq: 14 Dec 2018 19:40

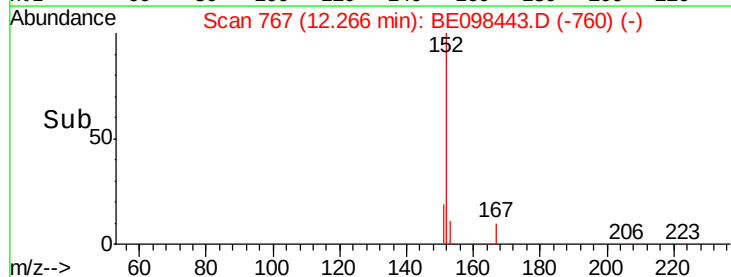
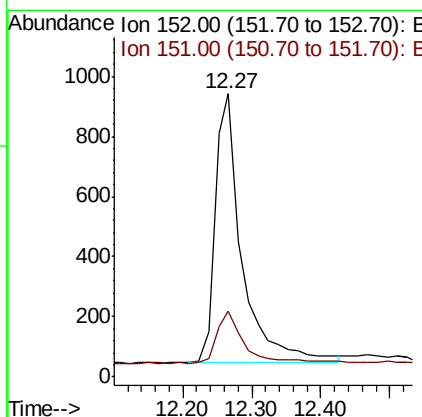
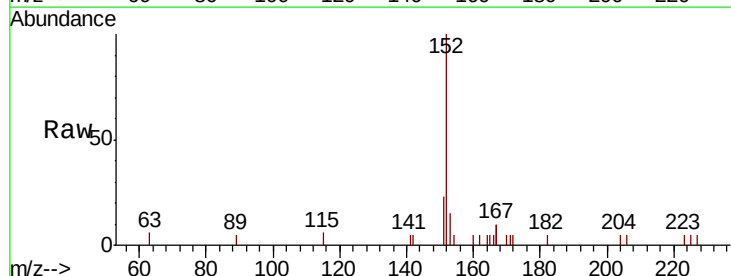
Instrument :
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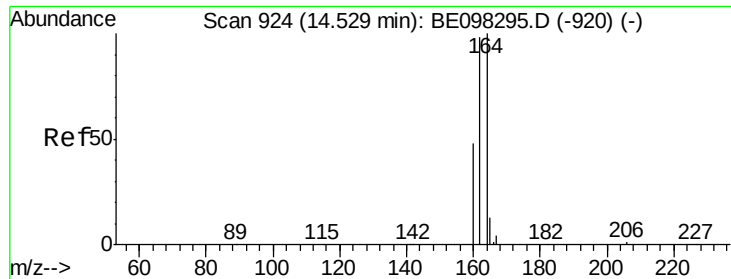
Tgt Ion: 82 Resp: 1247
 Ion Ratio Lower Upper
 82 100
 128 157.4 102.4 153.6#
 54 298.0 221.8 332.8



#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

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

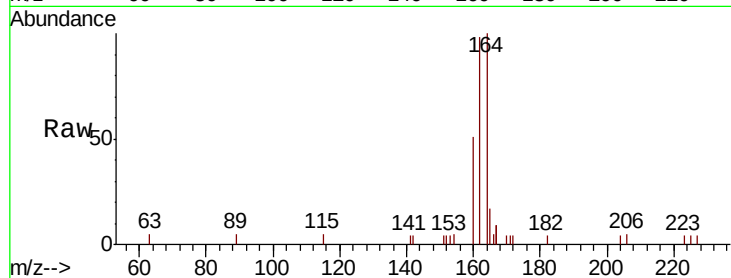




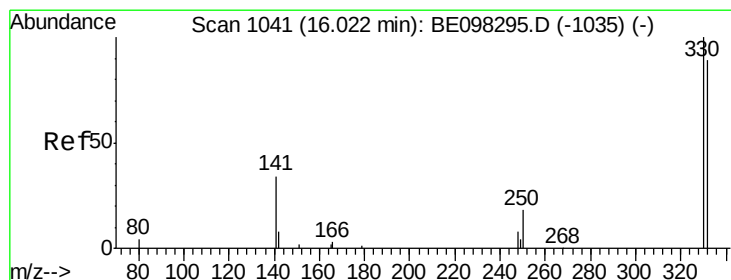
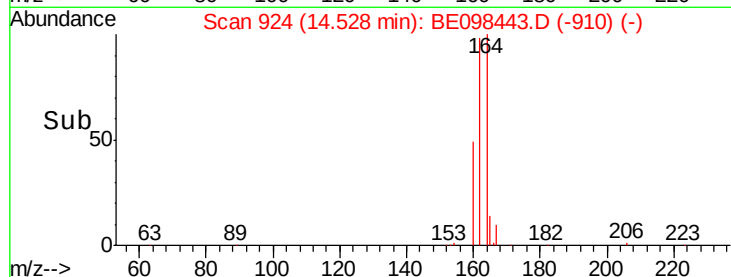
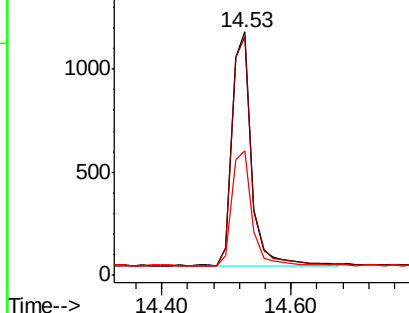
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098443.D
 Acq: 14 Dec 2018 19:40

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

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

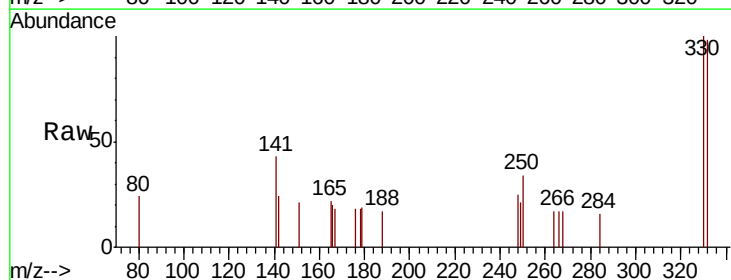


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

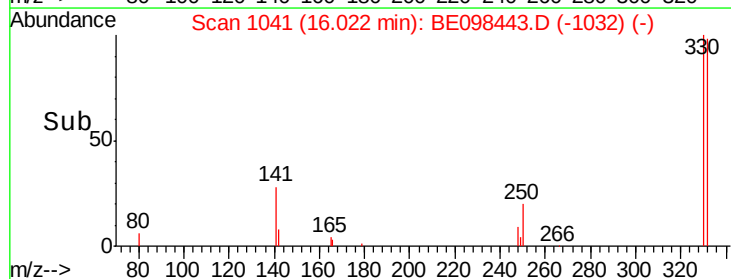
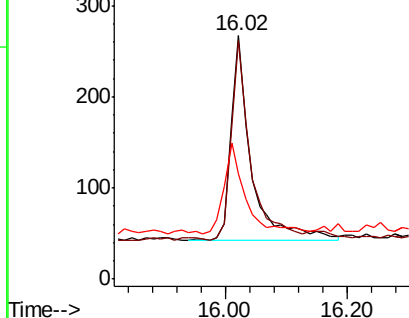


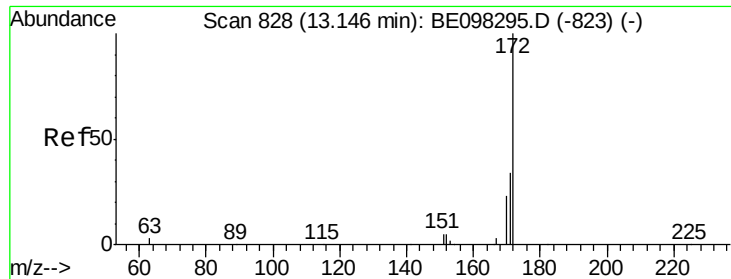
#14
 2,4,6-Tribromophenol
 Concen: 0.587 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098443.D
 Acq: 14 Dec 2018 19:40

Tgt 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

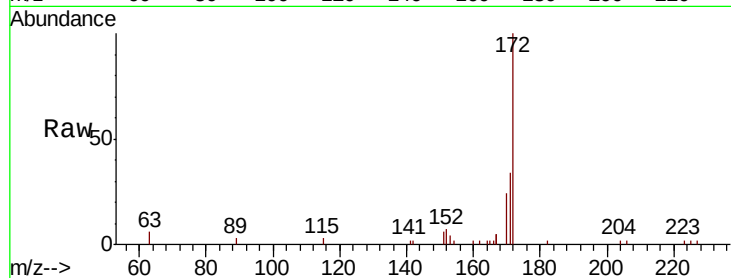




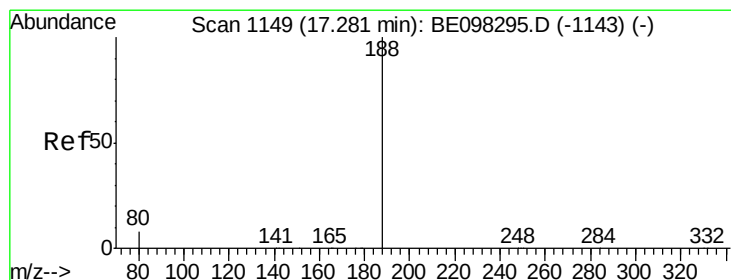
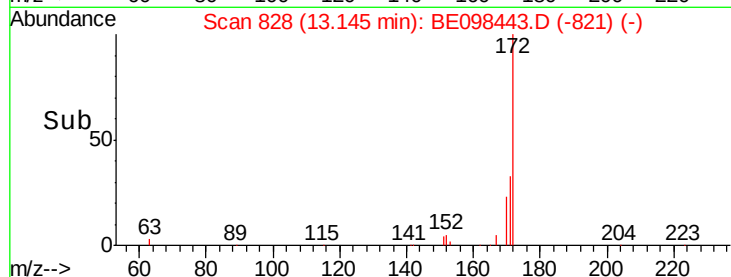
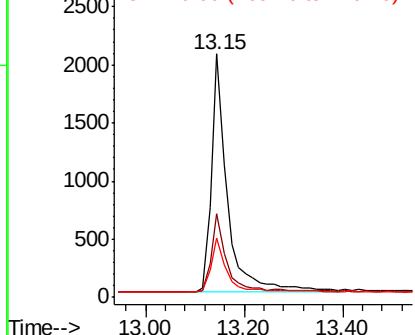
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098443.D
Acq: 14 Dec 2018 19:40

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

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

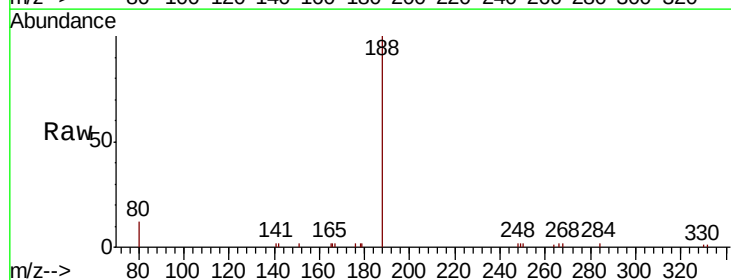


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

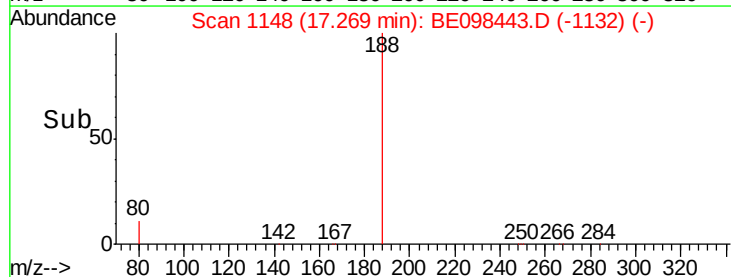
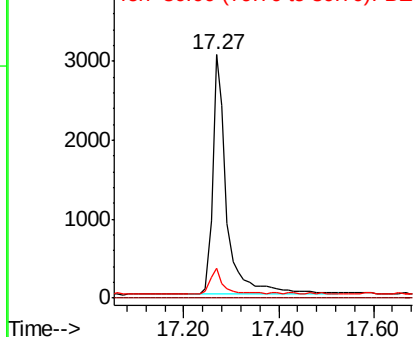


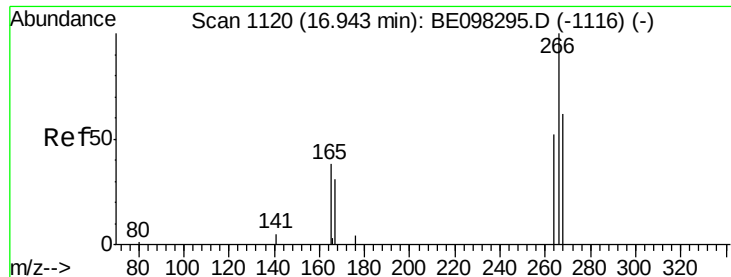
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098443.D
Acq: 14 Dec 2018 19:40

Tgt 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

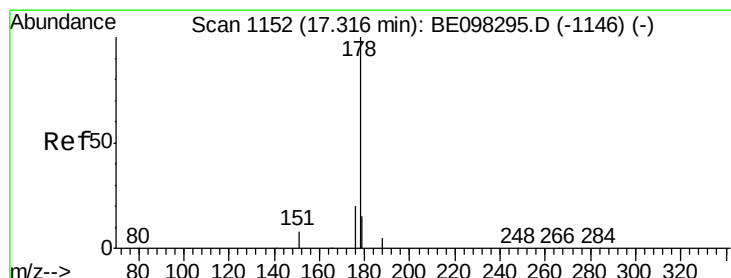
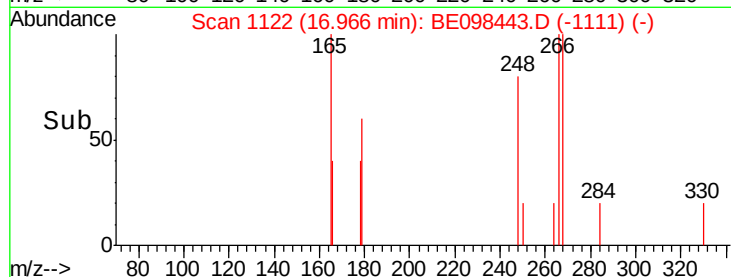
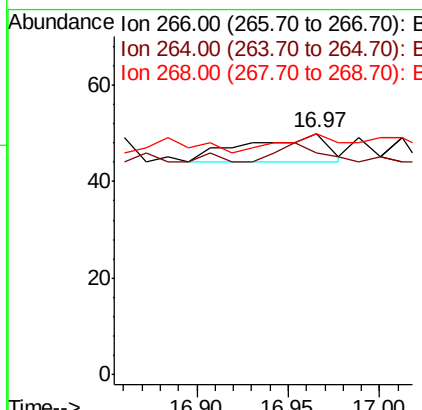
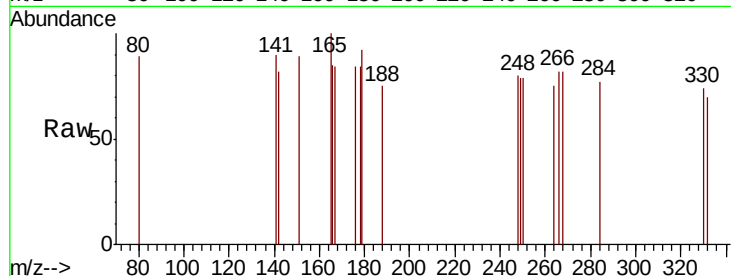




#22
 Pentachlorophenol
 Concen: 0.046 ng
 RT: 16.97 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BE098443.D
 Acq: 14 Dec 2018 19:40

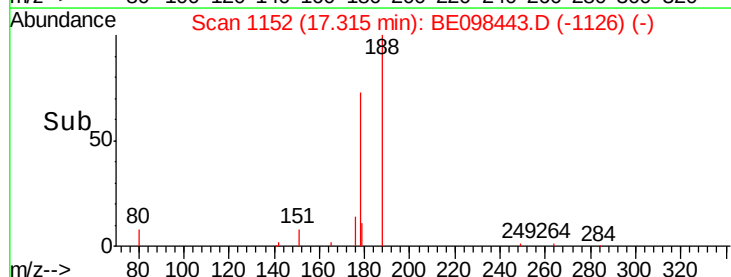
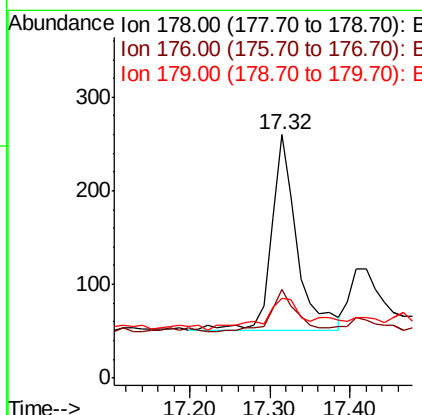
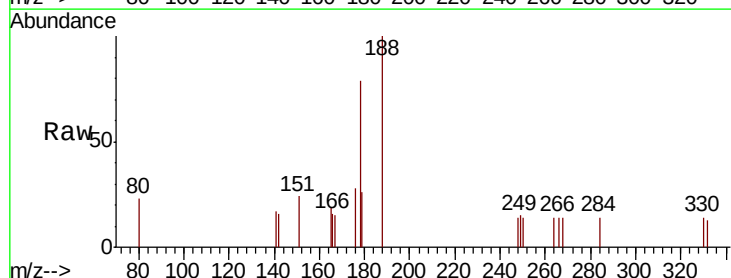
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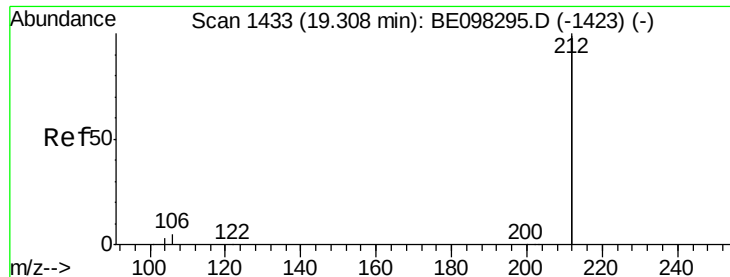
Tgt Ion: 266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 92.0 59.0 88.4#
 268 100.0 55.1 82.7#



#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#

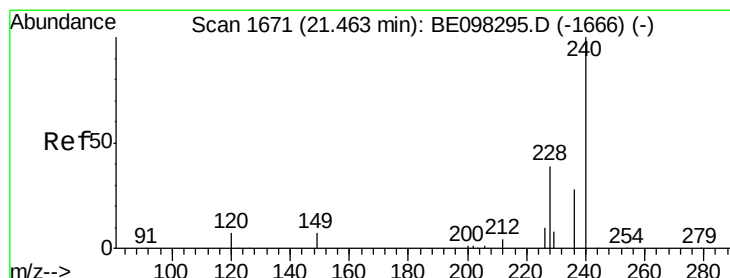
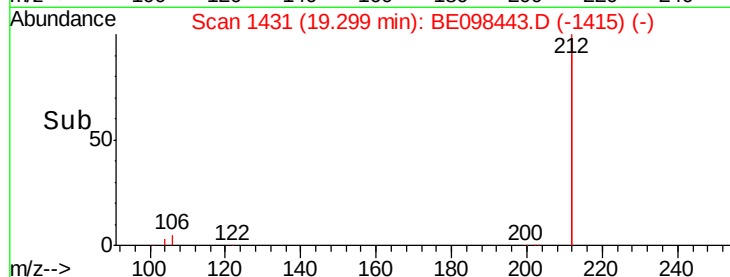
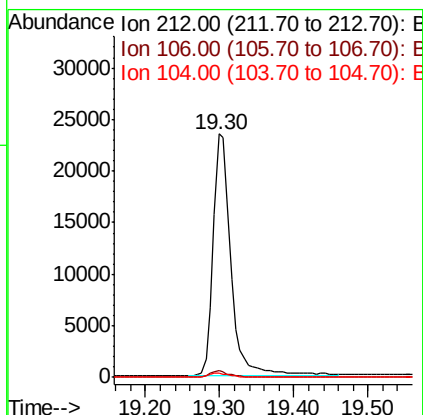
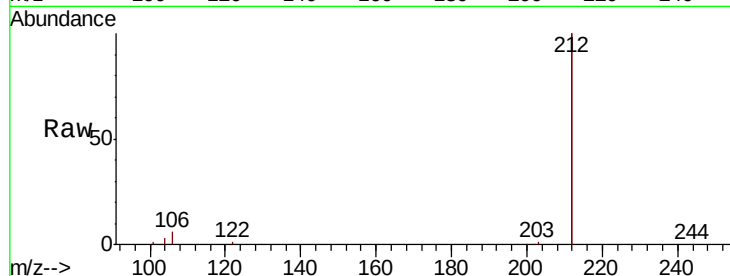




#25
Fluoranthene-d10
Concen: 0.469 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098443.D
Acq: 14 Dec 2018 19:40

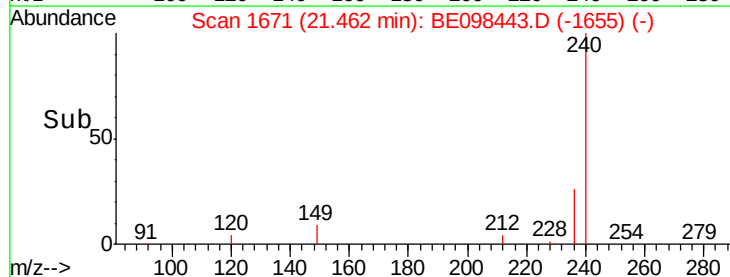
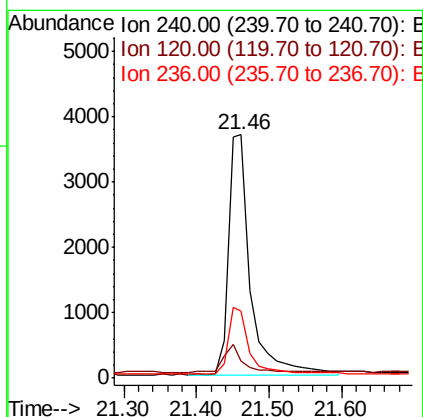
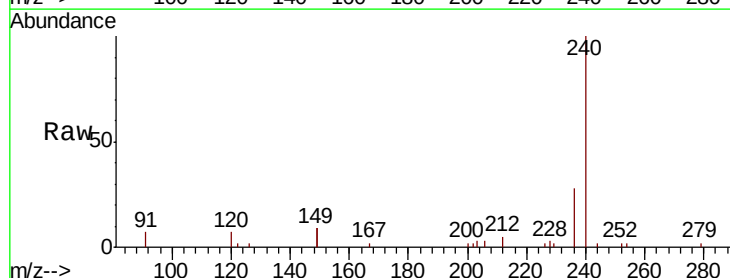
Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24IR-20181209

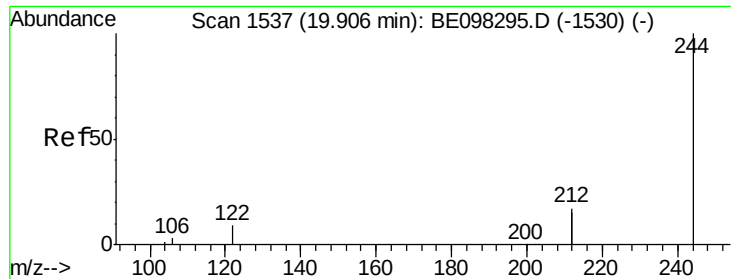
Tgt Ion:212 Resp: 38744
Ion Ratio Lower Upper
212 100
106 2.6 2.2 3.2
104 1.5 1.3 1.9



#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





#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 :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20181209

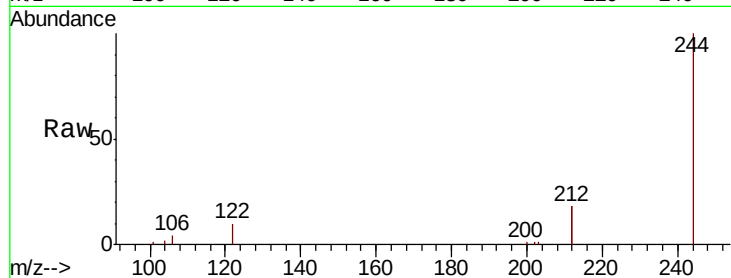
Tgt Ion:244 Resp: 8225

Ion Ratio Lower Upper

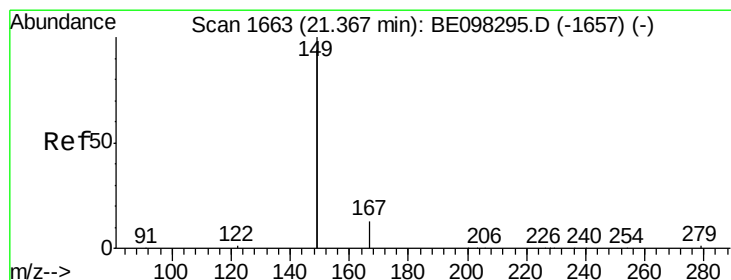
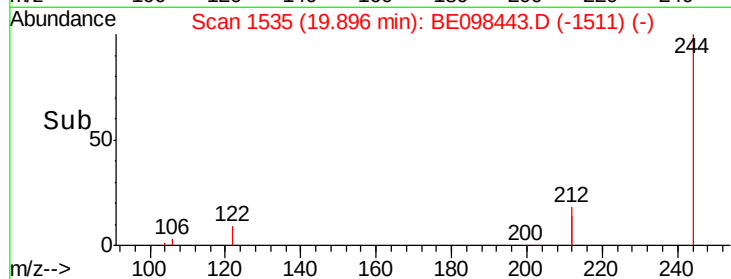
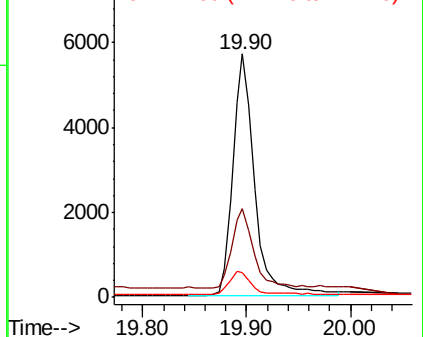
244 100

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

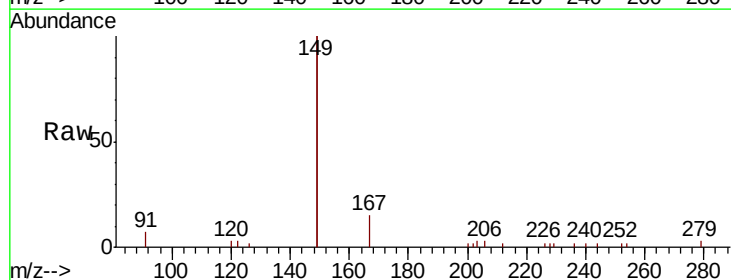
Tgt Ion:149 Resp: 7549

Ion Ratio Lower Upper

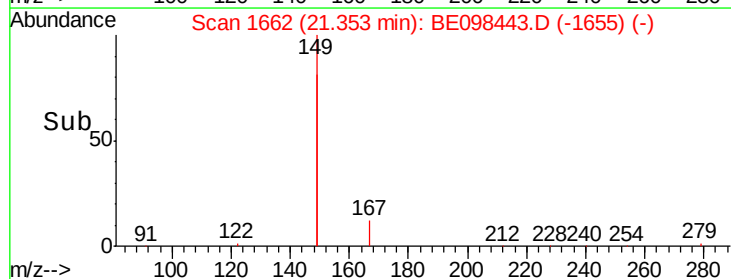
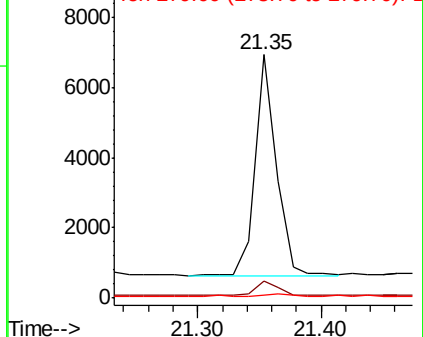
149 100

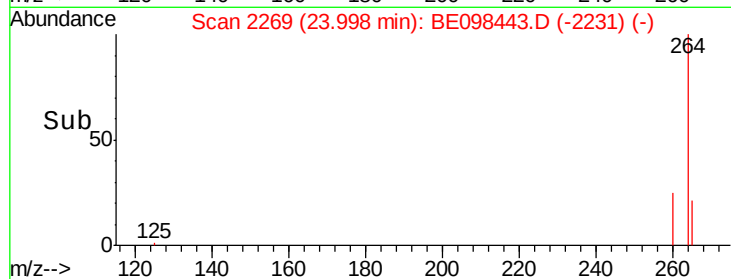
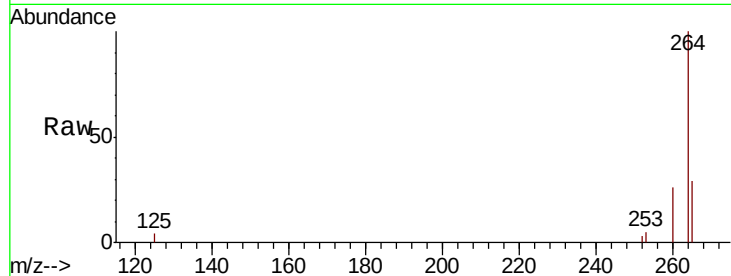
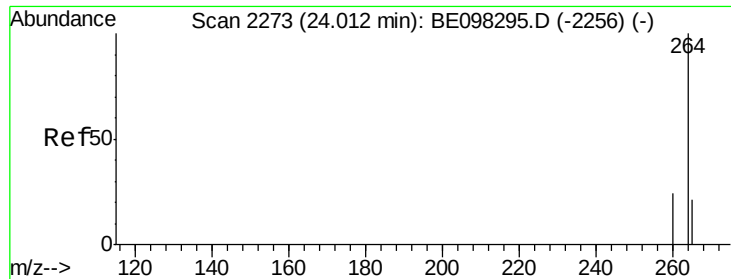
167 7.6 5.7 8.5

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

Perylene-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

Tgt Ion: 264 Resp: 7415

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 28.7 25.2 37.8

