

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098423.D
 Acq On : 14 Dec 2018 7:15
 Operator : SJ/JU
 Sample : J6335-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24S-20181208

Quant Time: Dec 14 07:57:57 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

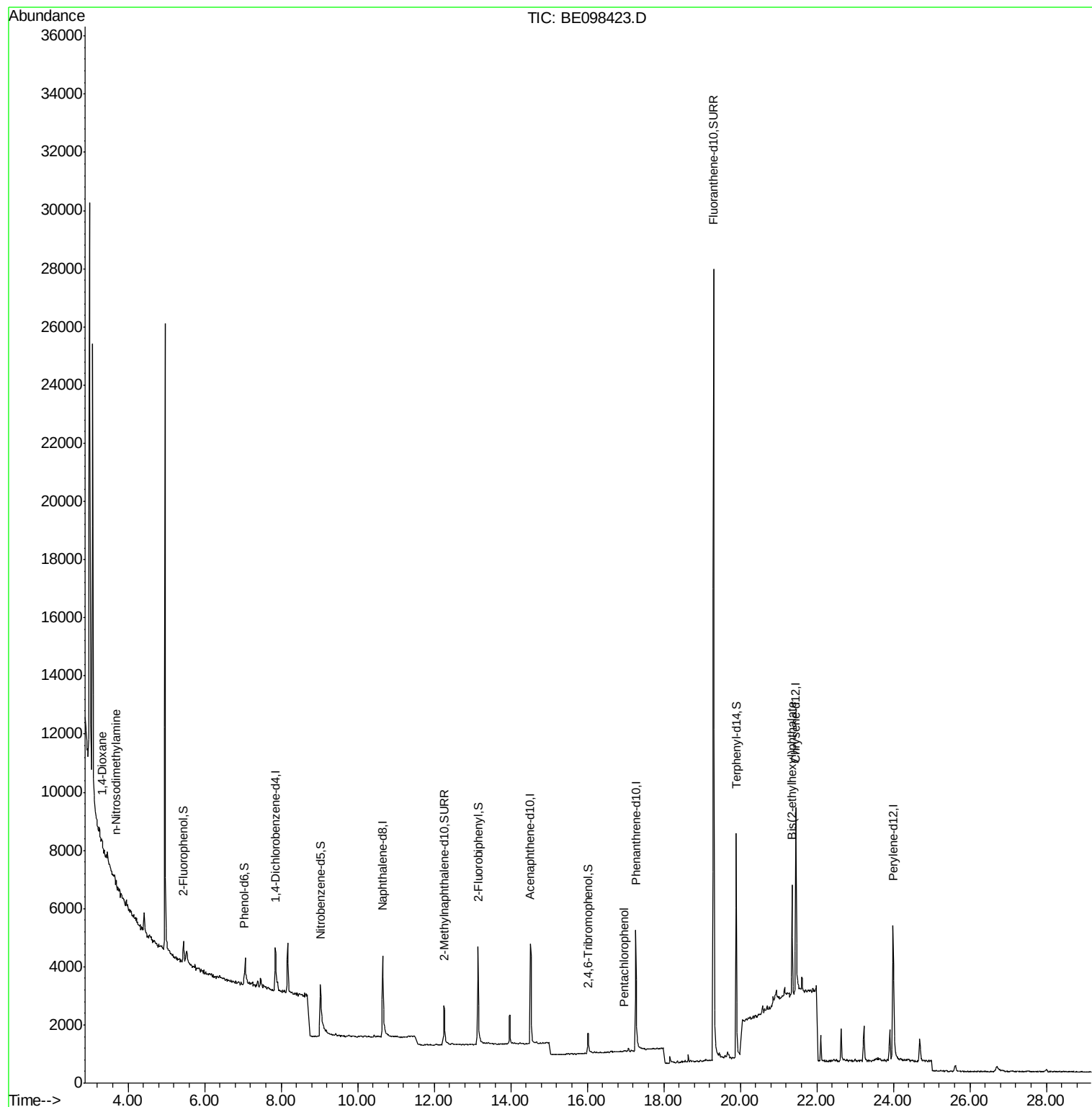
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	974	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3892	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2575	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6975	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8452	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8122	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	533	0.23	ng	0.00
5) Phenol-d6	7.03	99	437	0.14	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1486	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2754	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	610	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4432	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	41280	0.46	ng	0.00
29) Terphenyl-d14	19.89	244	7475	0.36	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.33	88	34	0.020	ng	# 48
3) n-Nitrosodimethylamine	3.68	42	80	0.053	ng	# 100
22) Pentachlorophenol	16.95	266	16	0.042	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.35	149	4706	0.096	ng	# 97

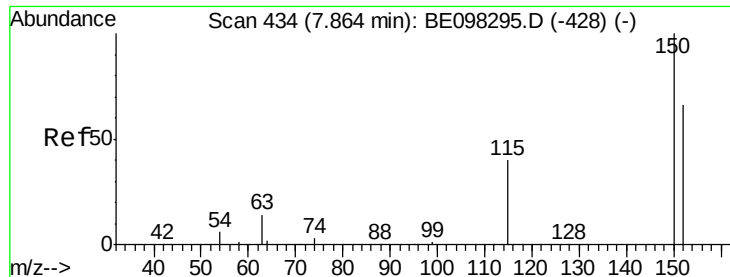
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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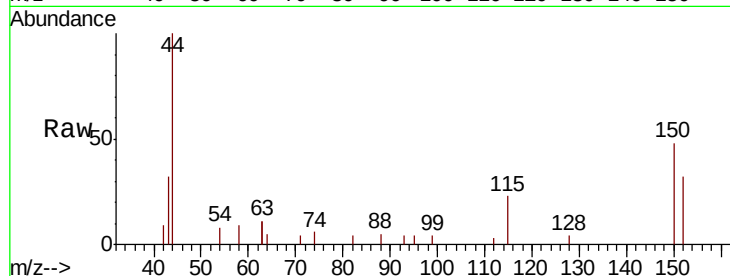


#1

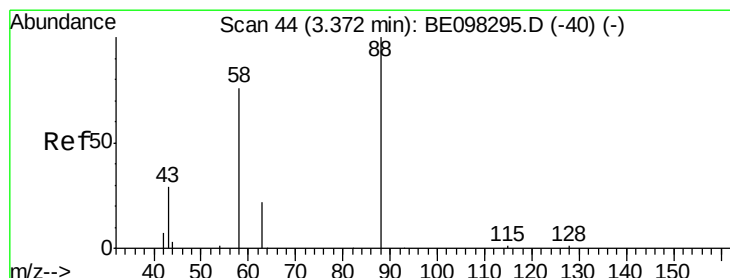
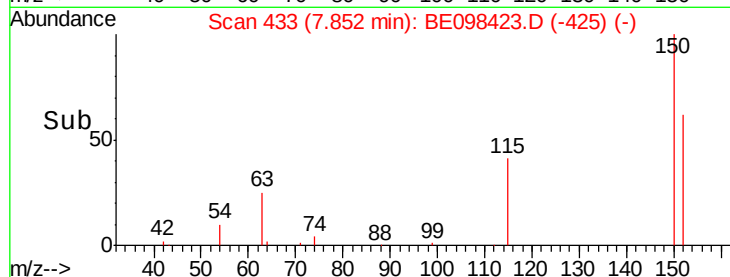
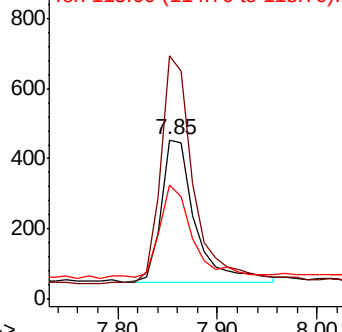
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098423.D
Acq: 14 Dec 2018 7:15

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24S-20181208

Tgt Ion: 152 Resp: 974
Ion Ratio Lower Upper
152 100
150 152.6 124.2 186.4
115 71.6 53.9 80.9



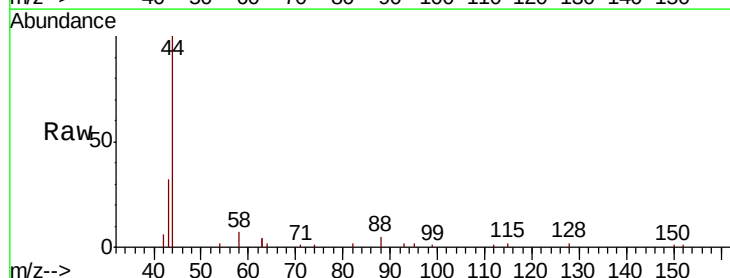
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



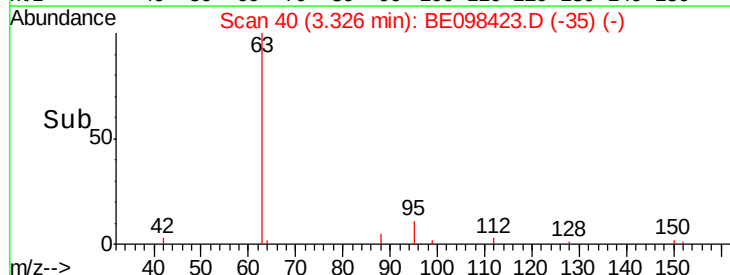
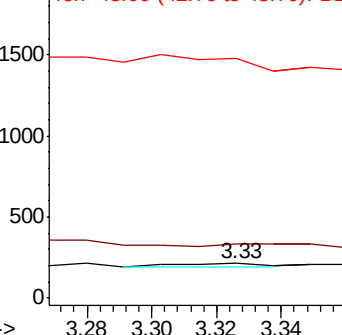
#2

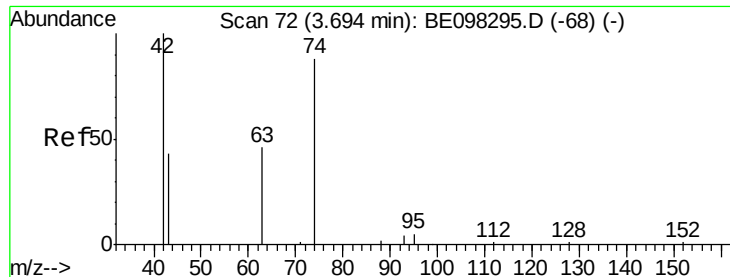
1,4-Dioxane
Concen: 0.020 ng
RT: 3.33 min Scan# 40
Delta R.T. -0.05 min
Lab File: BE098423.D
Acq: 14 Dec 2018 7:15

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
58 135.3 75.0 112.6#
43 0.0 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: 0.053 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20181208

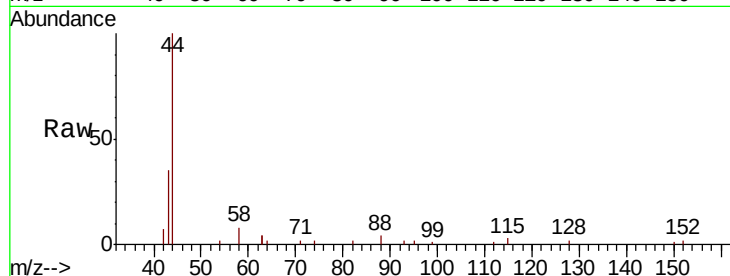
Tgt Ion: 42 Resp: 80

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

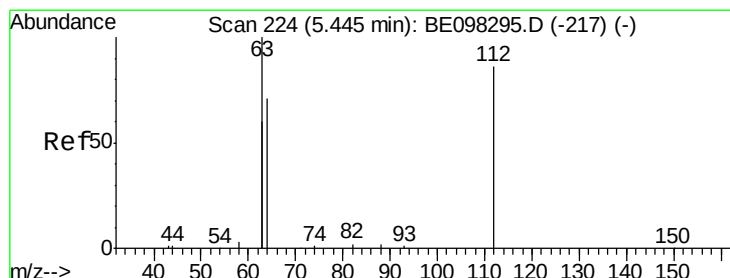
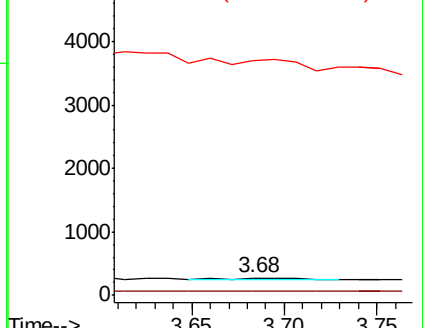
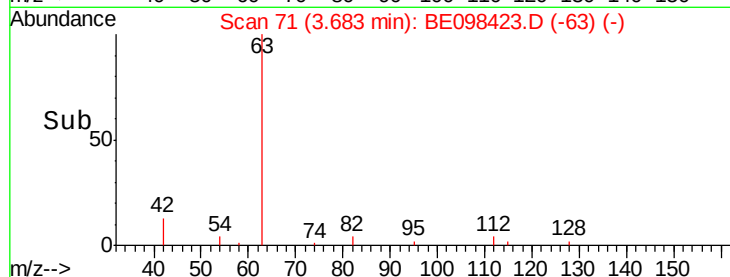
44 0.0 0.0 0.0



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: 0.234 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

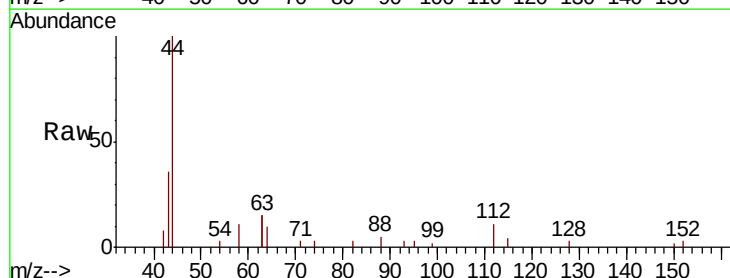
Tgt Ion: 112 Resp: 533

Ion Ratio Lower Upper

112 100

64 70.5 59.8 89.8

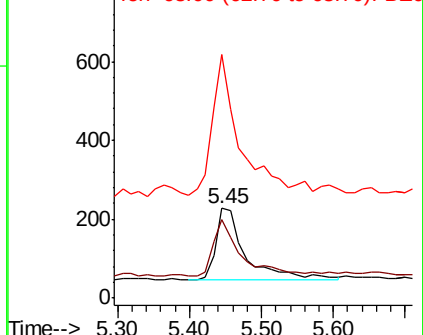
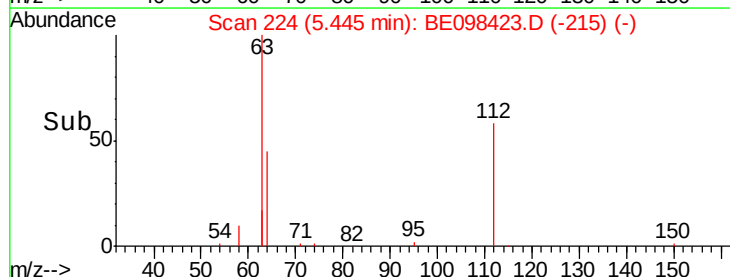
63 182.7 133.7 200.5

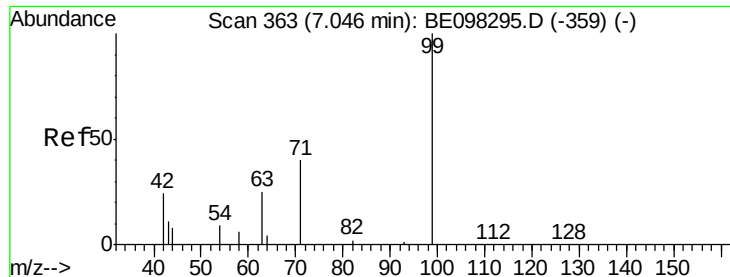


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.135 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20181208

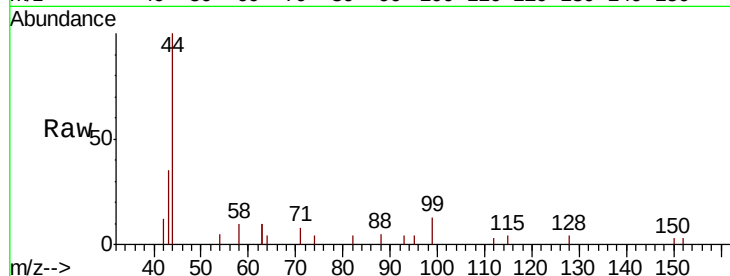
Tgt Ion: 99 Resp: 437

Ion Ratio Lower Upper

99 100

42 60.6 26.3 39.5#

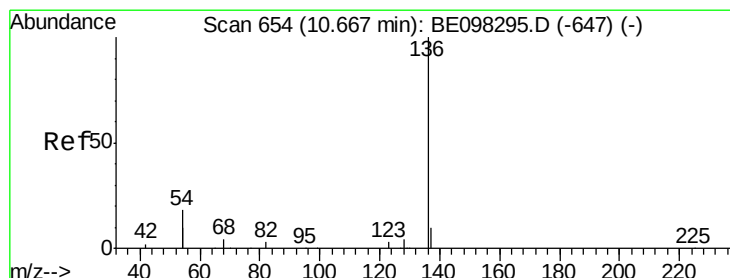
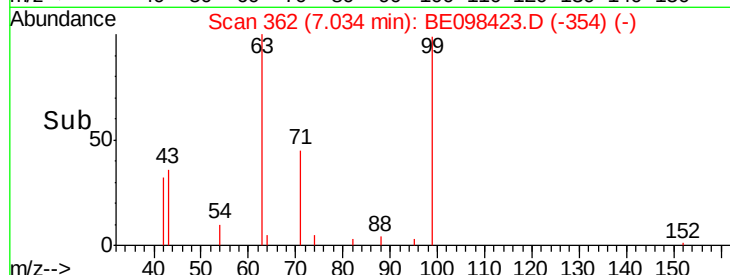
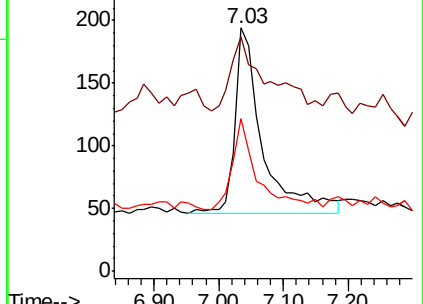
71 44.9 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

Tgt Ion: 136 Resp: 3892

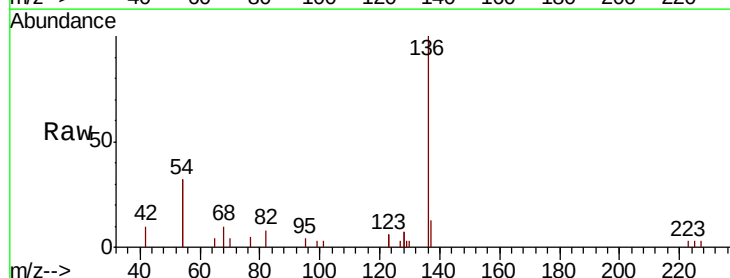
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 63.2 28.4 42.6#

68 9.8 5.4 8.0#

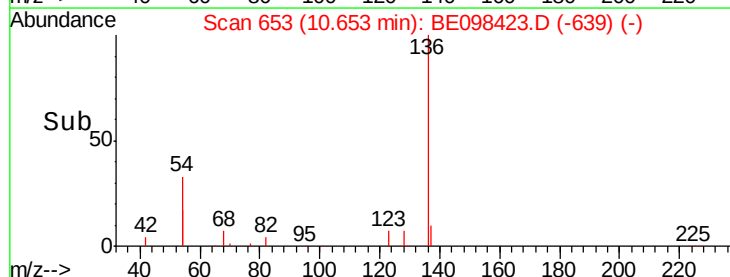
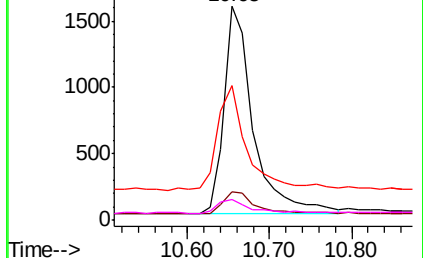


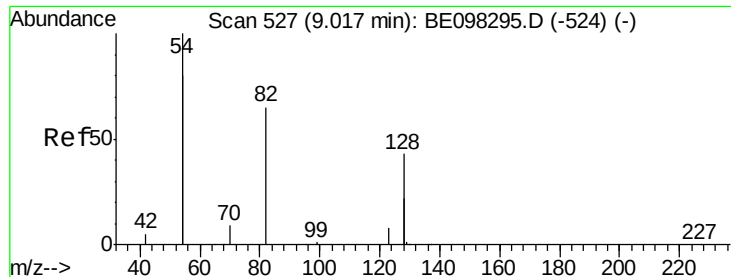
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.419 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20181208

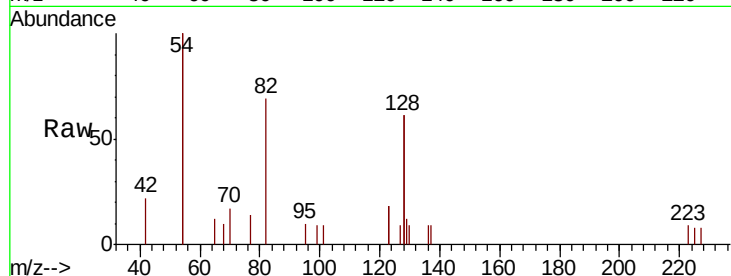
Tgt Ion: 82 Resp: 1486

Ion Ratio Lower Upper

82 100

128 177.5 102.4 153.6#

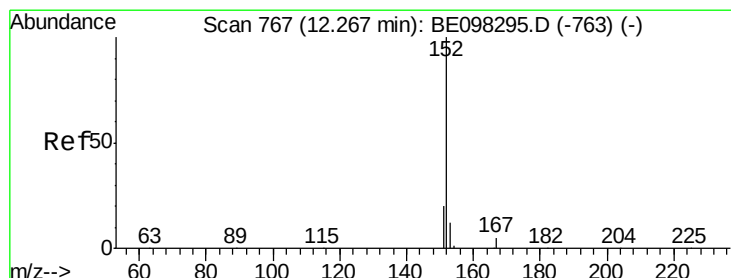
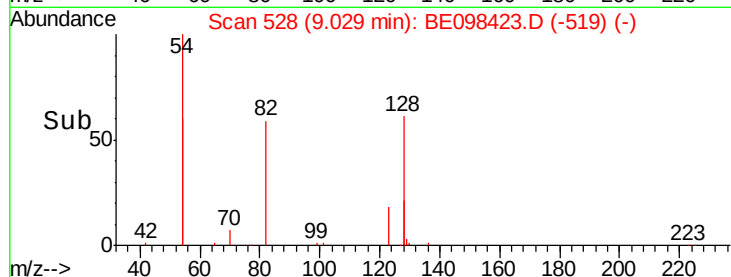
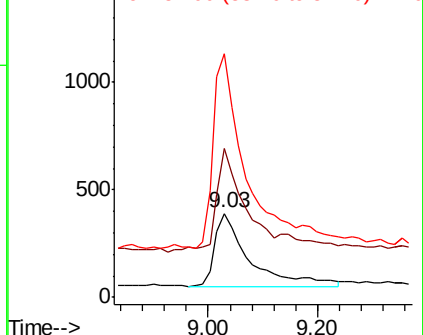
54 289.5 221.8 332.8



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



#11

2-Methylnaphthalene-d10

Concen: 0.435 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098423.D

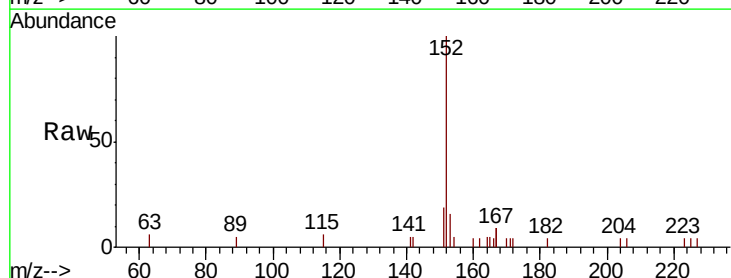
Acq: 14 Dec 2018 7:15

Tgt Ion: 152 Resp: 2754

Ion Ratio Lower Upper

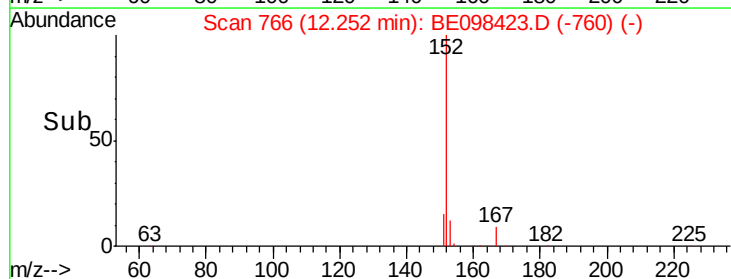
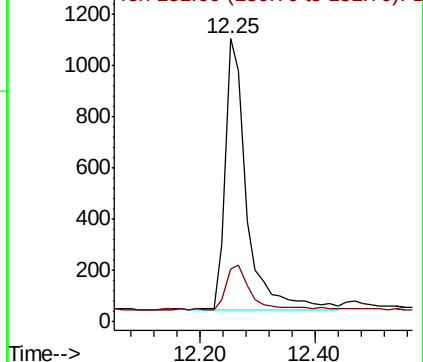
152 100

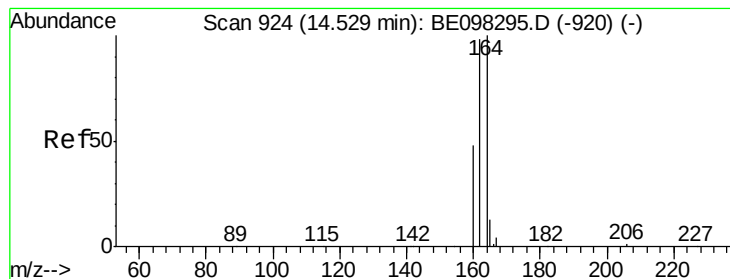
151 18.3 16.2 24.4



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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20181208

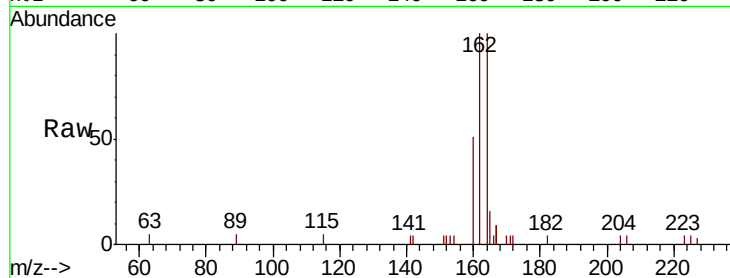
Tgt Ion:164 Resp: 2575

Ion Ratio Lower Upper

164 100

162 100.3 77.6 116.4

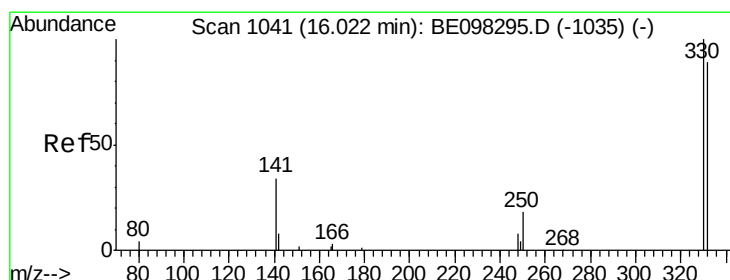
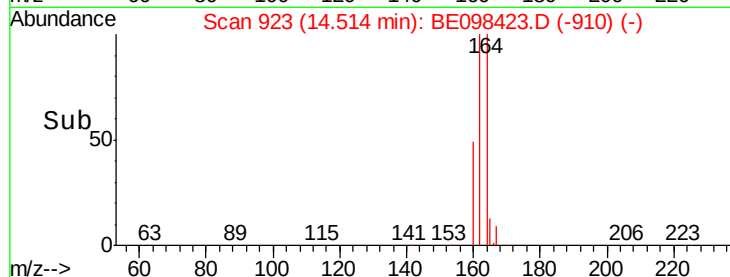
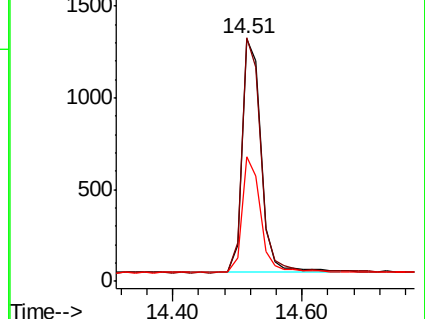
160 51.1 36.0 54.0



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: 0.645 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

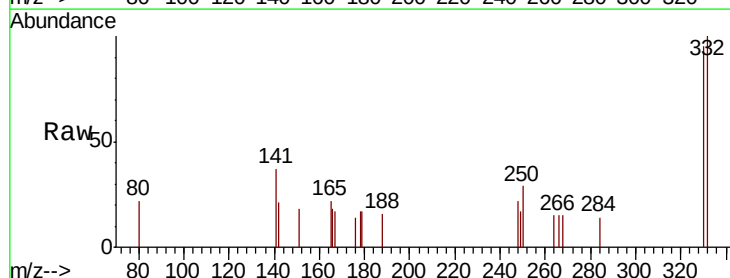
Tgt Ion:330 Resp: 610

Ion Ratio Lower Upper

330 100

332 92.6 76.2 114.4

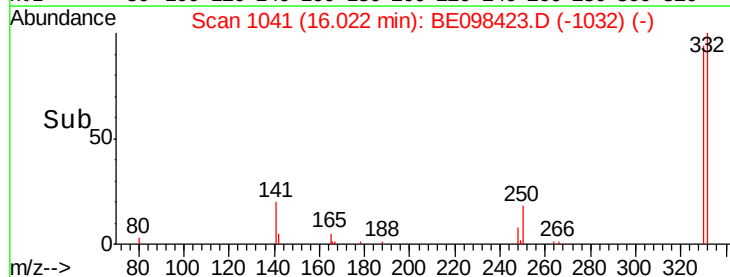
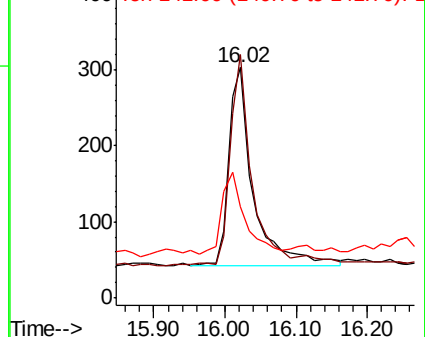
141 40.0 39.0 58.4

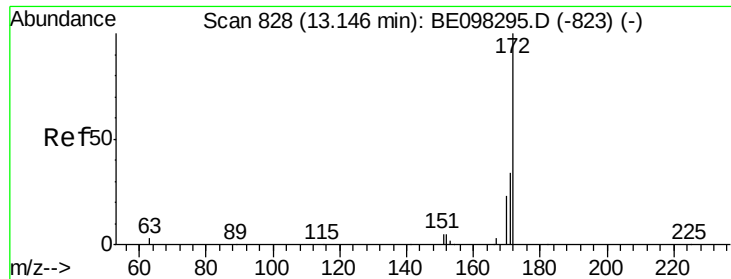


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

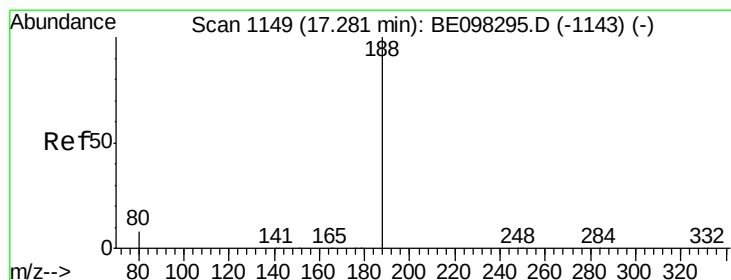
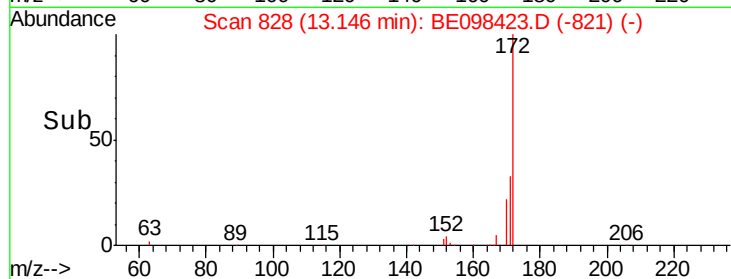
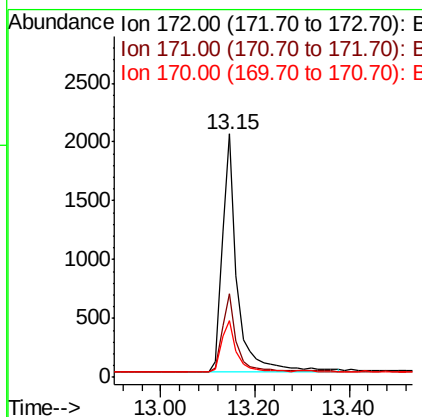
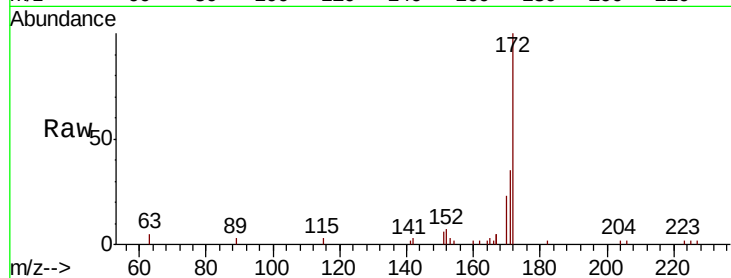




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098423.D
Acq: 14 Dec 2018 7:15

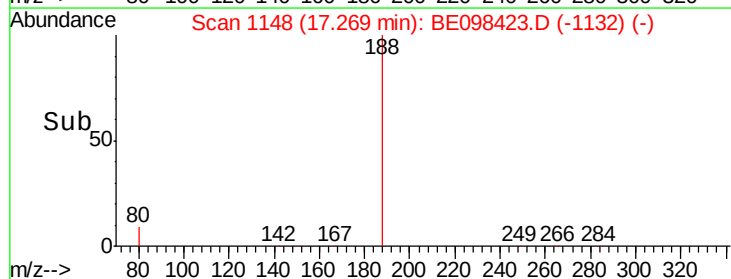
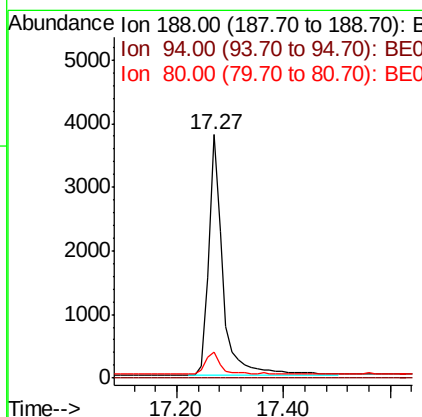
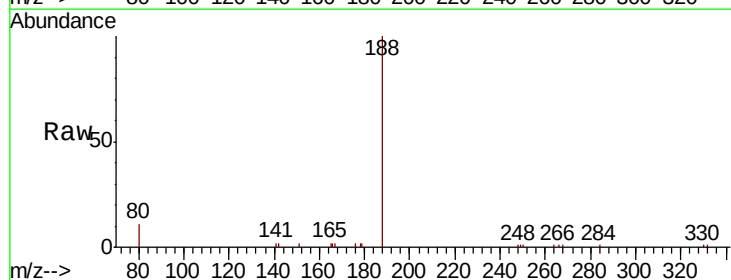
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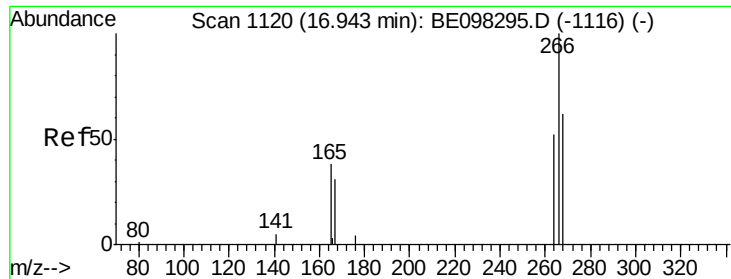
Tgt Ion:172 Resp: 4432
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.3 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098423.D
Acq: 14 Dec 2018 7:15

Tgt Ion:188 Resp: 6975
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 7.2 10.8#

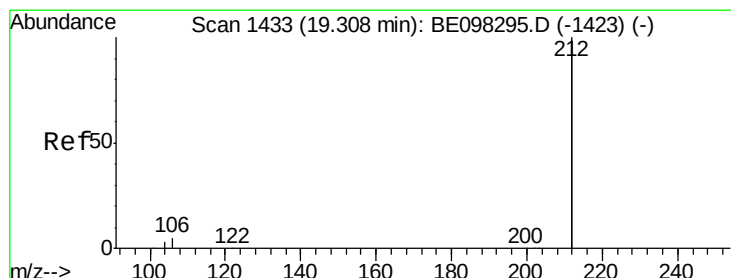
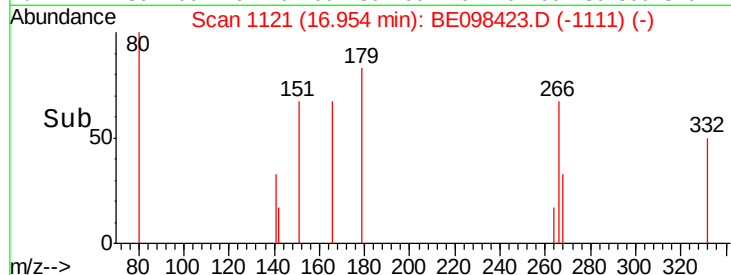
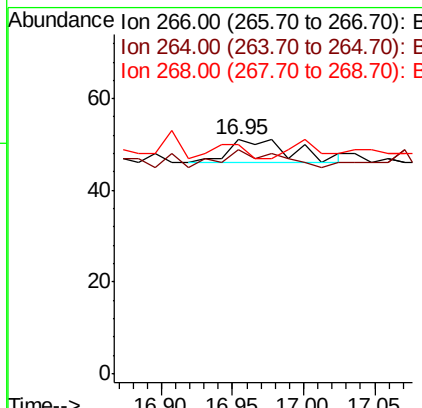
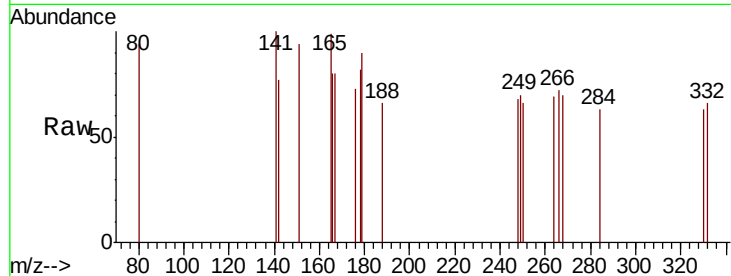




#22
 Pentachlorophenol
 Concen: 0.042 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098423.D
 Acq: 14 Dec 2018 7:15

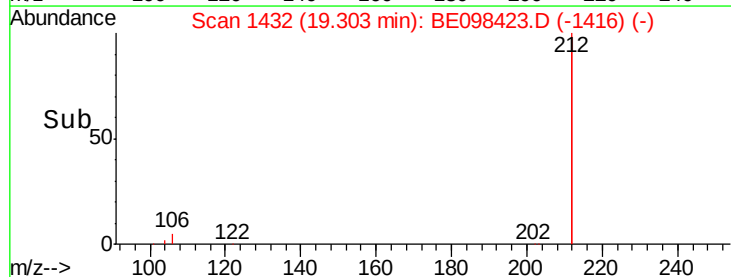
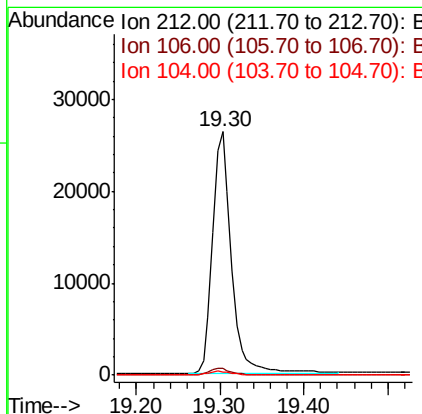
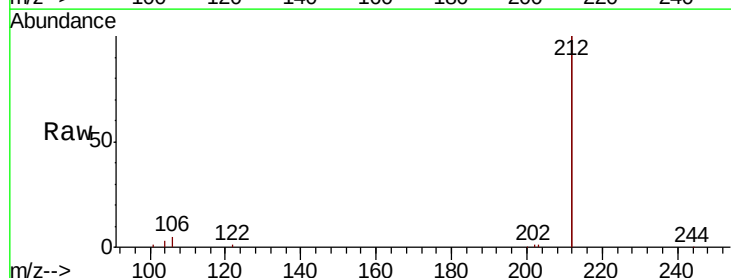
Instrument :
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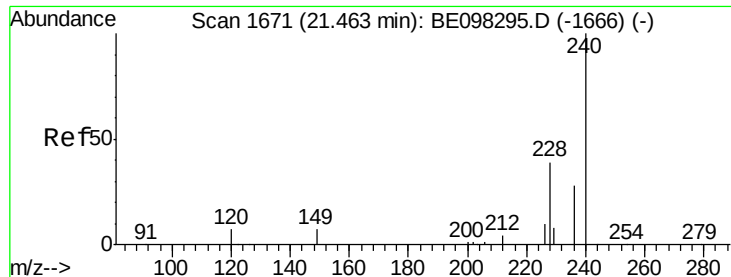
Tgt Ion: 266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 96.1 59.0 88.4#
 268 98.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.461 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098423.D
 Acq: 14 Dec 2018 7:15

Tgt Ion: 212 Resp: 41280
 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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20181208

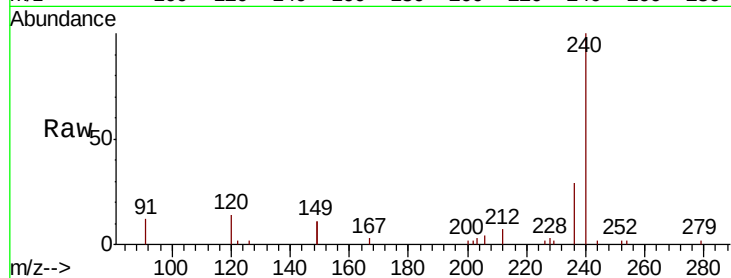
Tgt Ion:240 Resp: 8452

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

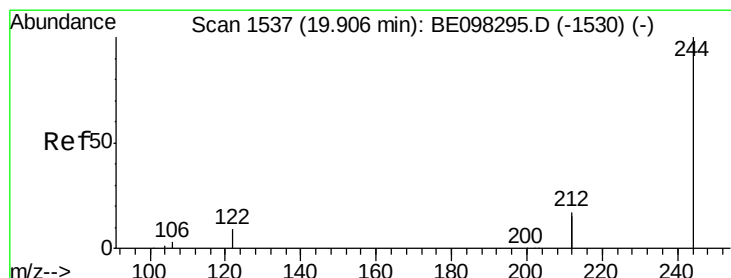
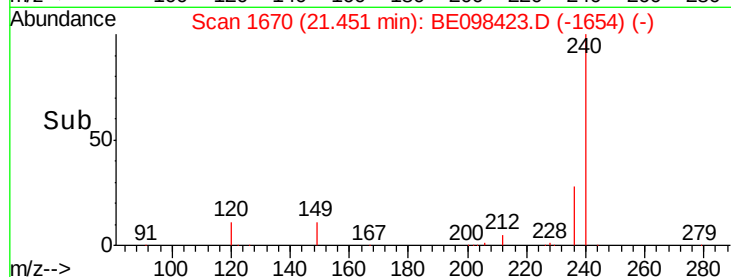
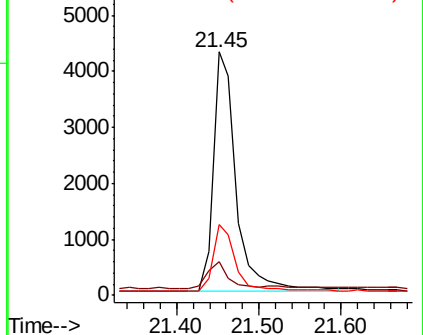
236 28.9 22.7 34.1



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: 0.364 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098423.D

Acq: 14 Dec 2018 7:15

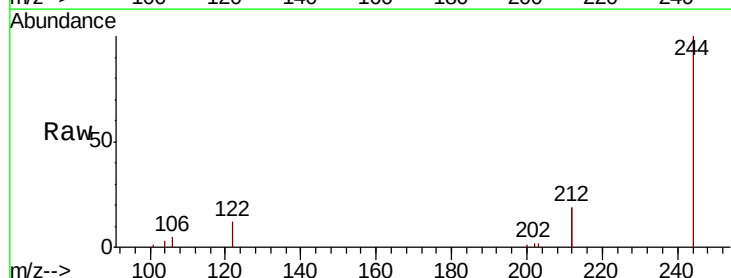
Tgt Ion:244 Resp: 7475

Ion Ratio Lower Upper

244 100

212 38.2 27.4 41.0

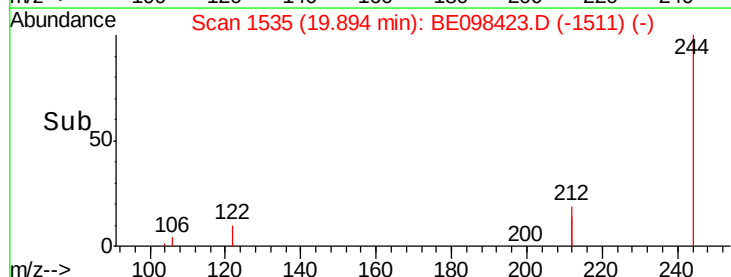
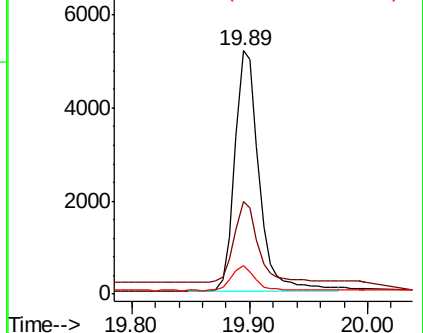
122 11.6 8.3 12.5

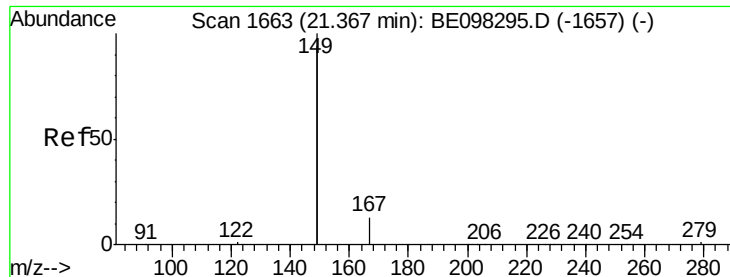


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

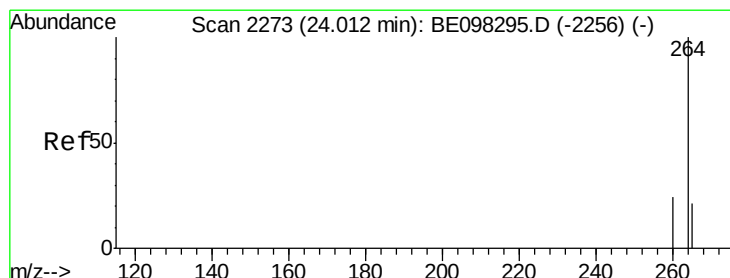
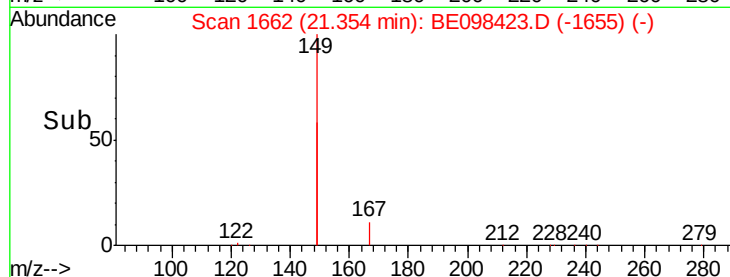
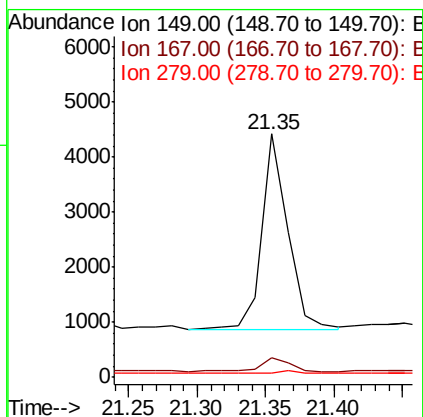
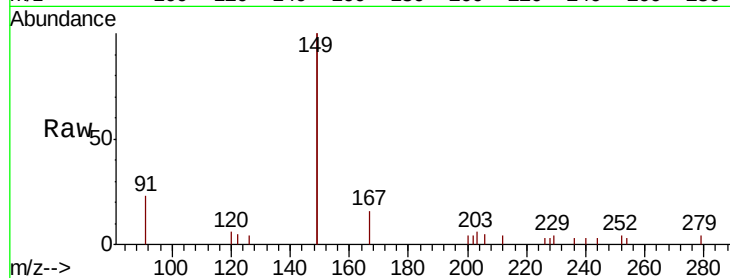




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098423.D
 Acq: 14 Dec 2018 7:15

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24S-20181208

Tgt Ion:149 Resp: 4706
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.7 8.5
 279 2.0 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BE098423.D
 Acq: 14 Dec 2018 7:15

Tgt Ion:264 Resp: 8122
 Ion Ratio Lower Upper
 264 100
 260 27.5 20.2 30.2
 265 28.4 25.2 37.8

