

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098313.D
 Acq On : 11 Dec 2018 00:21
 Operator : SJ/JU
 Sample : J6250-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20181204

Quant Time: Dec 11 03:22:06 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

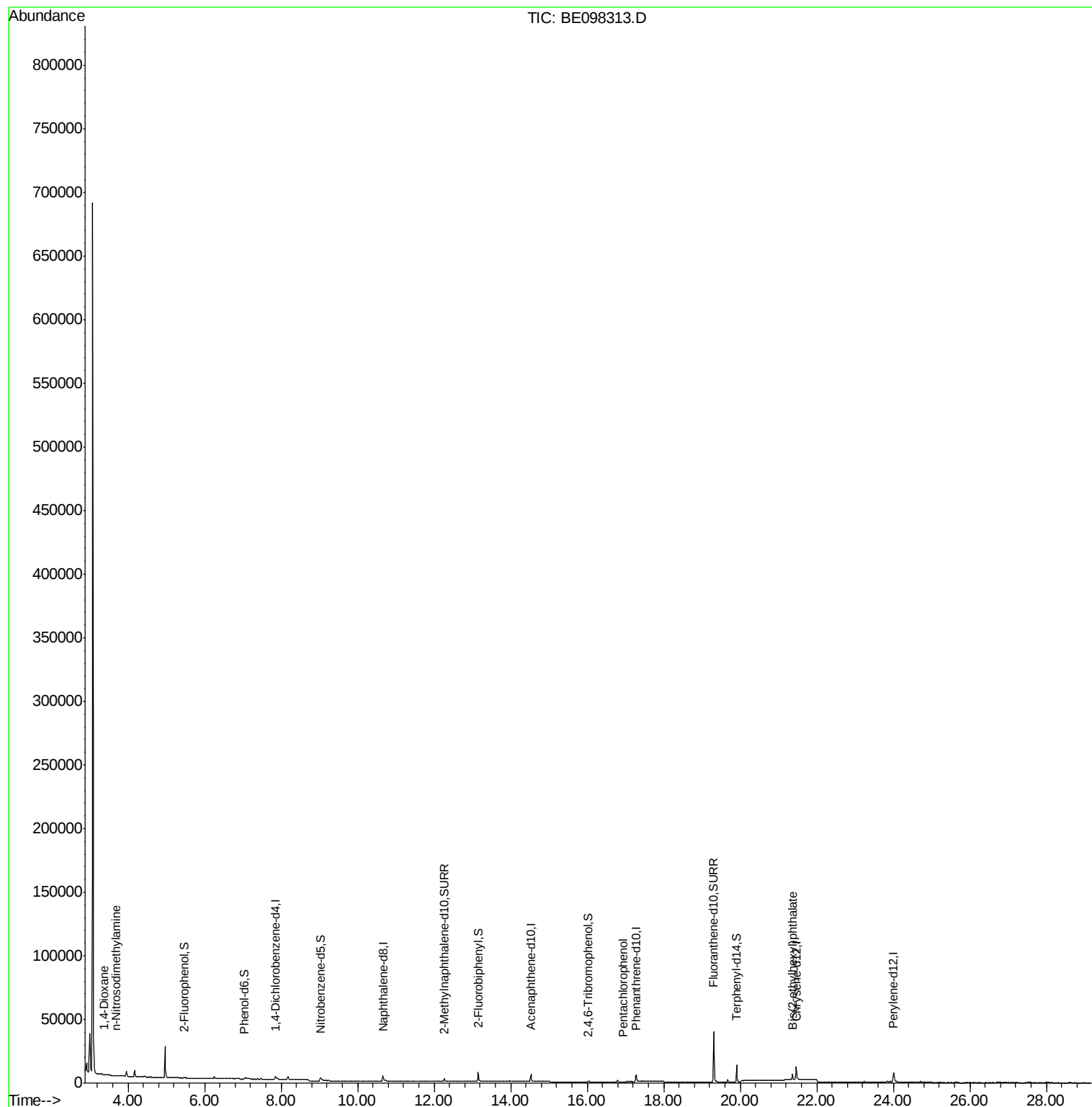
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1412	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5809	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3750	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10058	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12717	0.40	ng	0.00
34) Perylene-d12	24.01	264	12202	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	604	0.18	ng	0.00
5) Phenol-d6	7.04	99	465	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2230	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3745	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	499	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8460	0.53	ng	0.00
25) Fluoranthene-d10	19.31	212	59111	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	13327	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	193	0.079	ng	# 1
3) n-Nitrosodimethylamine	3.68	42	45	0.020	ng	# 100
22) Pentachlorophenol	16.94	266	17	0.035	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.37	149	5445	0.074	ng	# 98

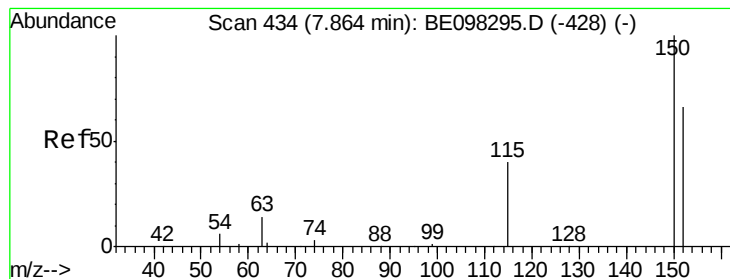
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20181204

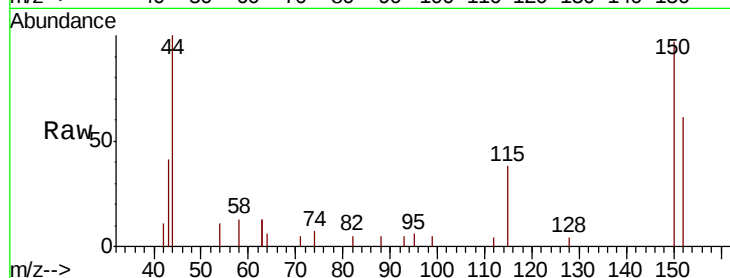
Tgt Ion:152 Resp: 1412

Ion Ratio Lower Upper

152 100

150 159.3 124.2 186.4

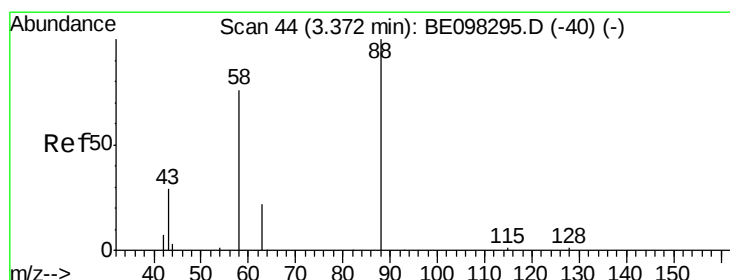
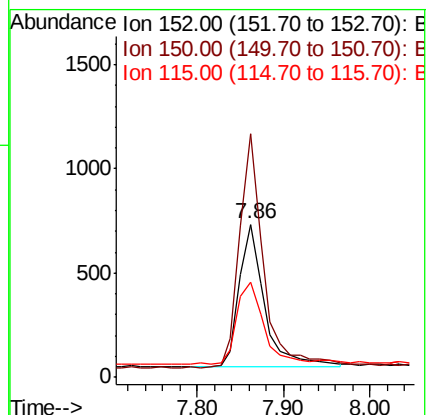
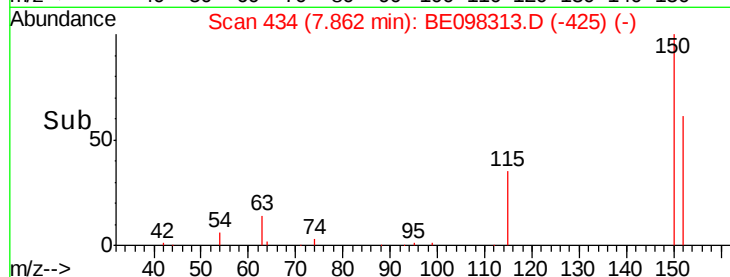
115 62.5 53.9 80.9



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: 0.079 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

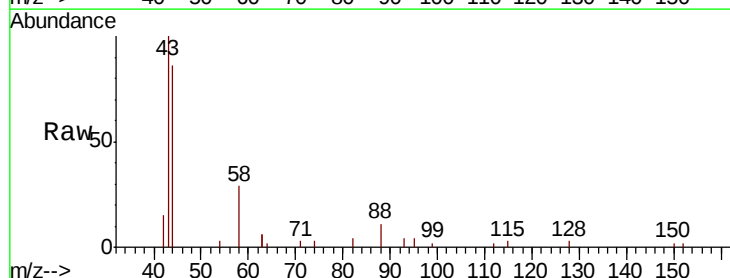
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

58 77.2 75.0 112.6

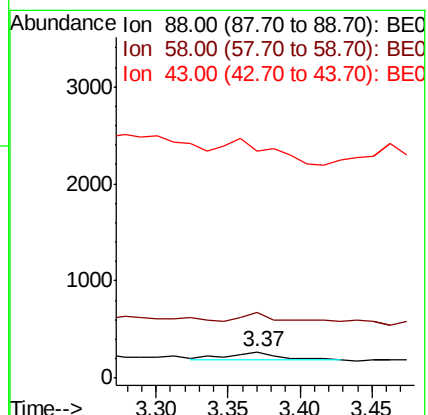
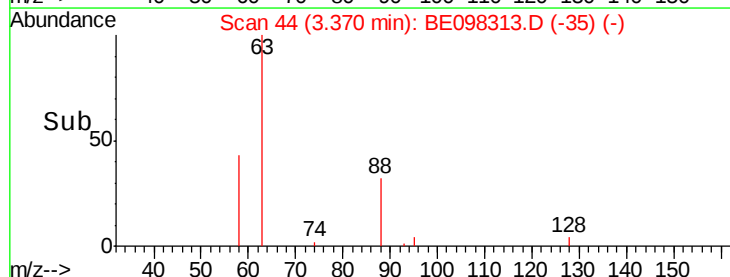
43 315.5 38.3 57.5#



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: 0.020 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20181204

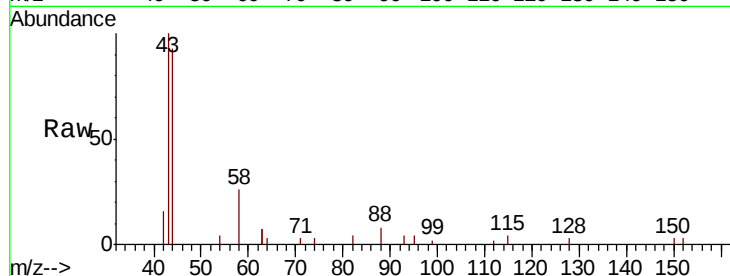
Tgt Ion: 42 Resp: 45

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

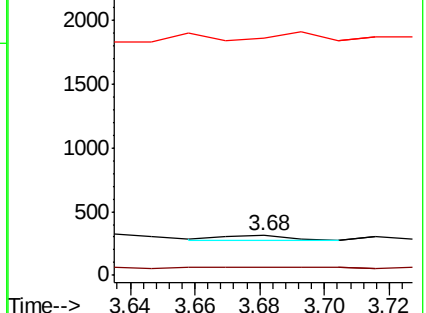
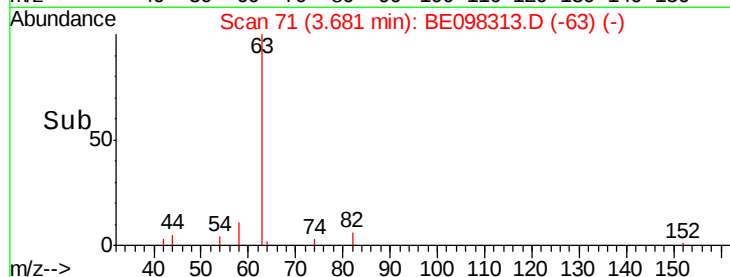
44 0.0 0.0 0.0



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: 0.183 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

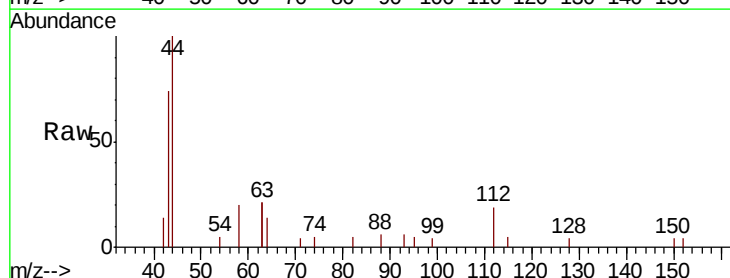
Tgt Ion: 112 Resp: 604

Ion Ratio Lower Upper

112 100

64 79.8 59.8 89.8

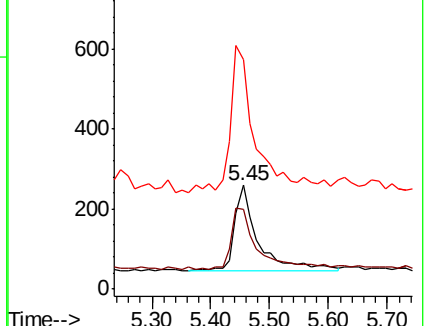
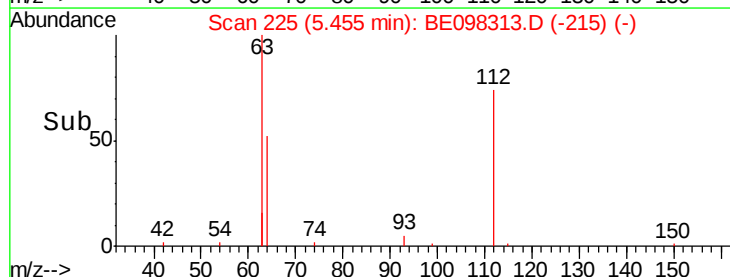
63 174.2 133.7 200.5



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: 0.099 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20181204

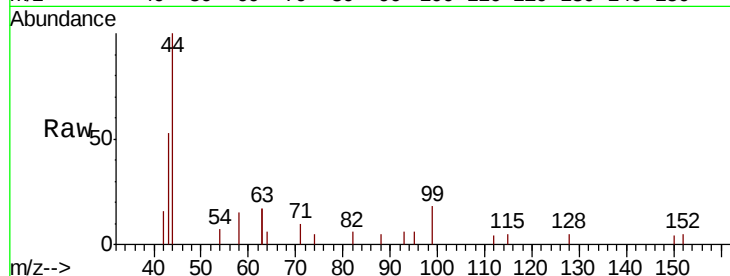
Tgt Ion: 99 Resp: 465

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

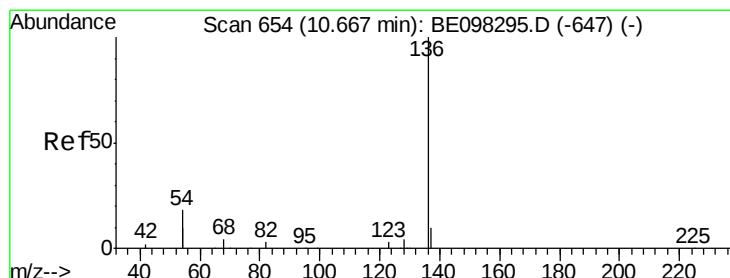
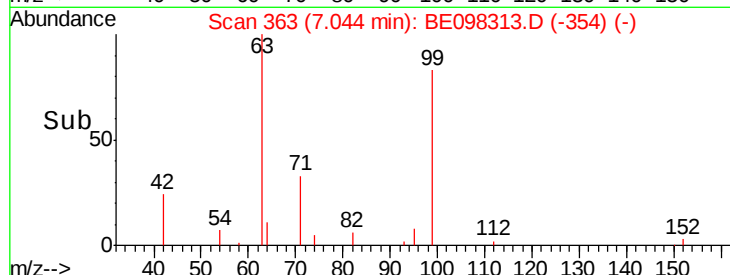
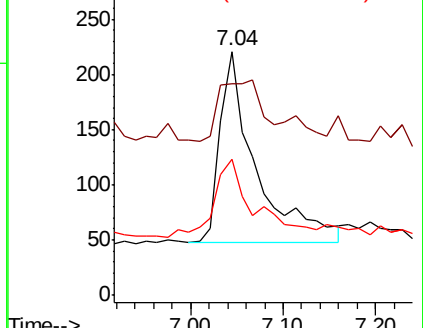
71 46.5 33.6 50.4



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: BE098313.D

Acq: 11 Dec 2018 00:21

Tgt Ion: 136 Resp: 5809

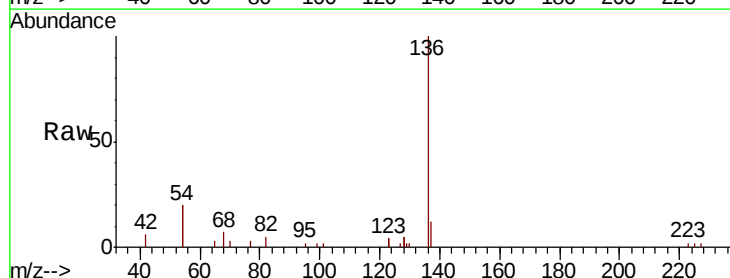
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 39.9 28.4 42.6

68 7.3 5.4 8.0

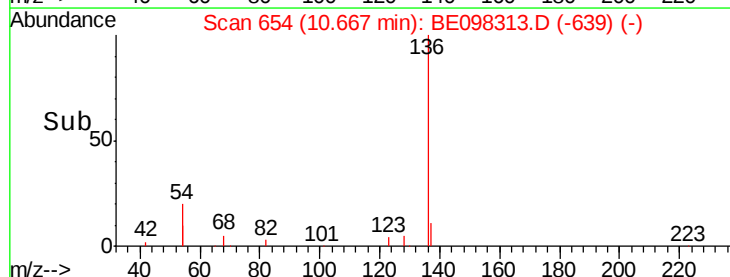
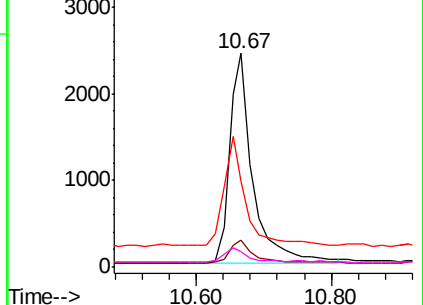


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.422 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20181204

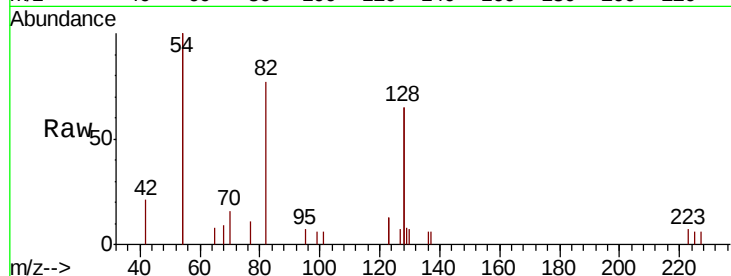
Tgt Ion: 82 Resp: 2230

Ion Ratio Lower Upper

82 100

128 167.4 102.4 153.6#

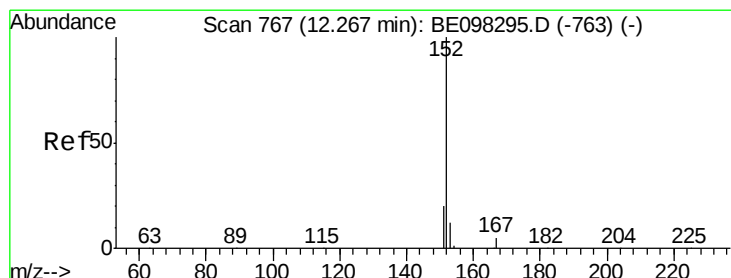
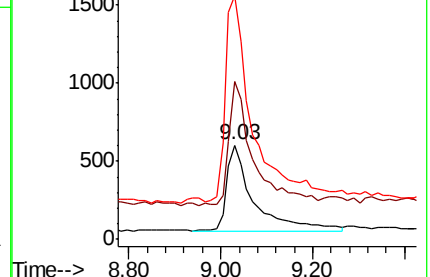
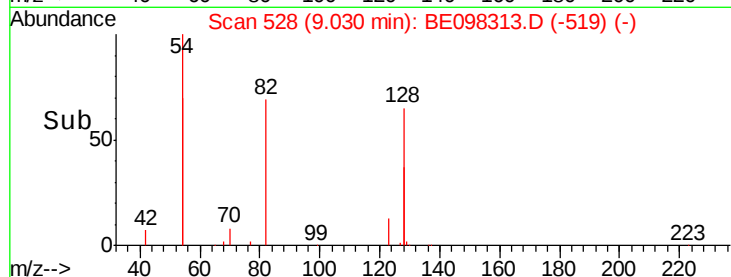
54 259.1 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098313.D

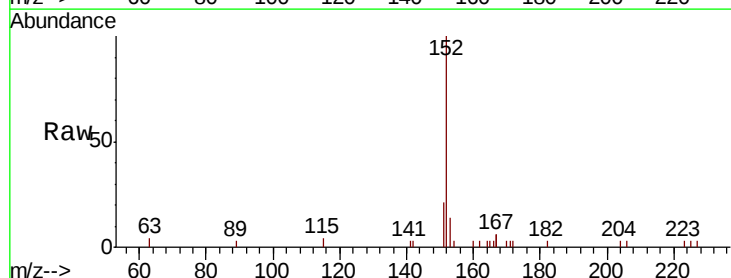
Acq: 11 Dec 2018 00:21

Tgt Ion: 152 Resp: 3745

Ion Ratio Lower Upper

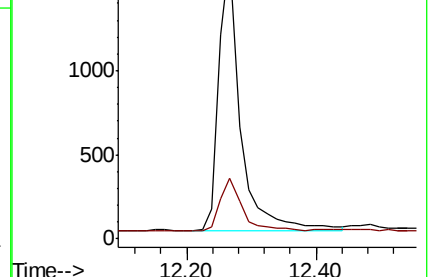
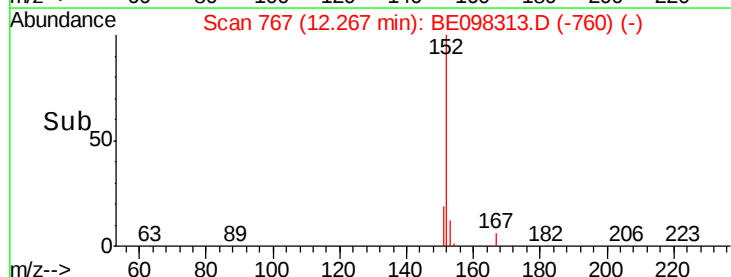
152 100

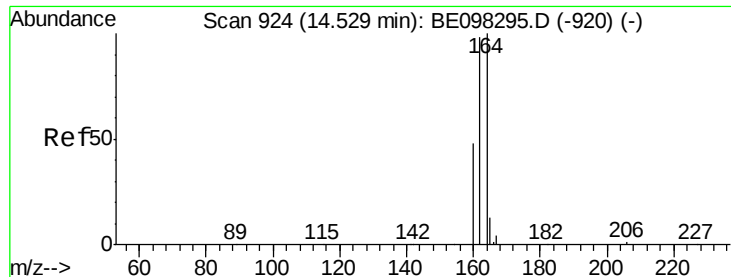
151 19.6 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

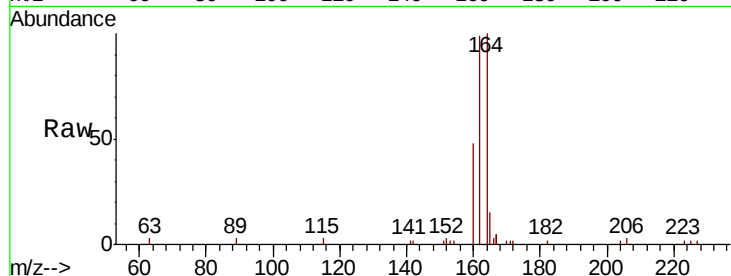




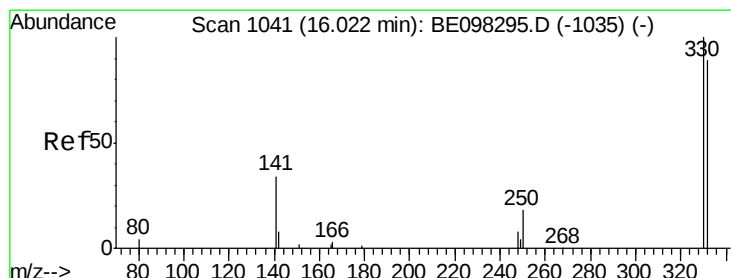
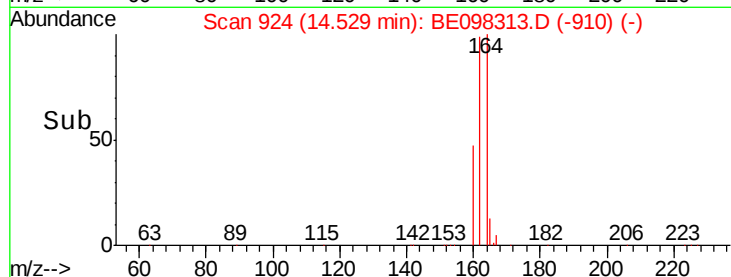
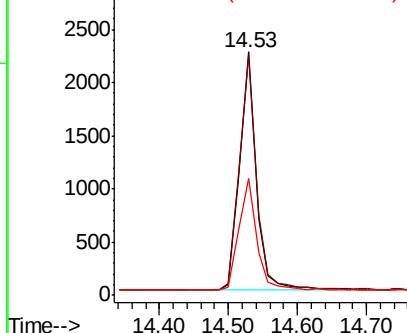
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098313.D
Acq: 11 Dec 2018 00:21

Instrument :
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BPS1-TT-MW30411-20181204

Tgt Ion:164 Resp: 3750
Ion Ratio Lower Upper
164 100
162 98.5 77.6 116.4
160 47.8 36.0 54.0

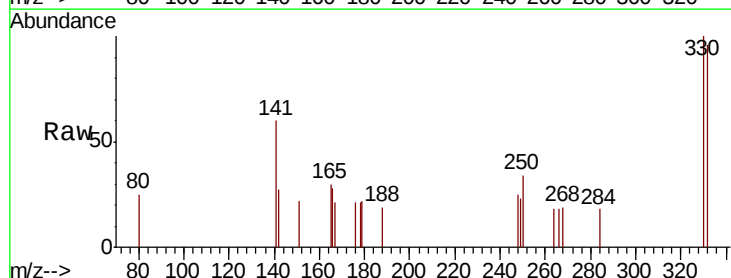


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

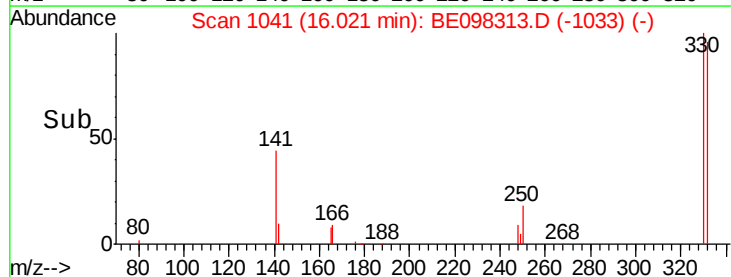
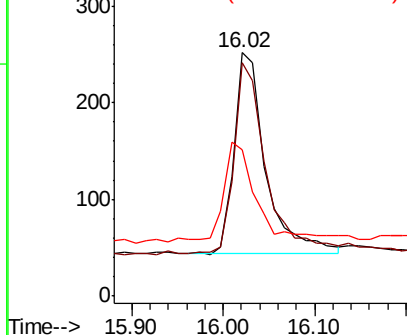


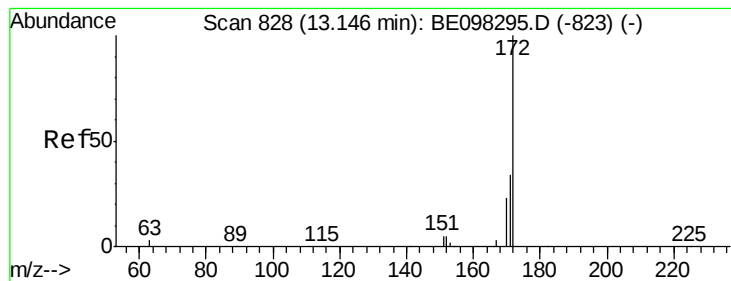
#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098313.D
Acq: 11 Dec 2018 00:21

Tgt Ion:330 Resp: 499
Ion Ratio Lower Upper
330 100
332 102.0 76.2 114.4
141 46.3 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

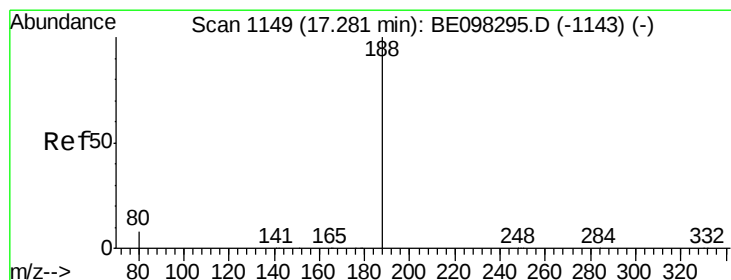
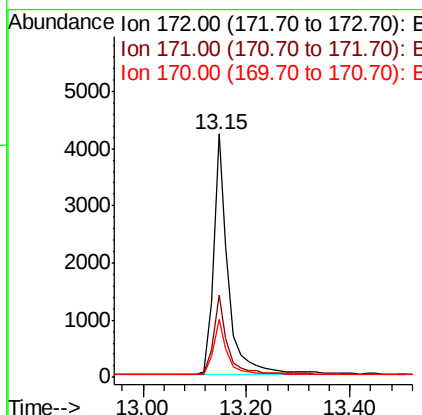
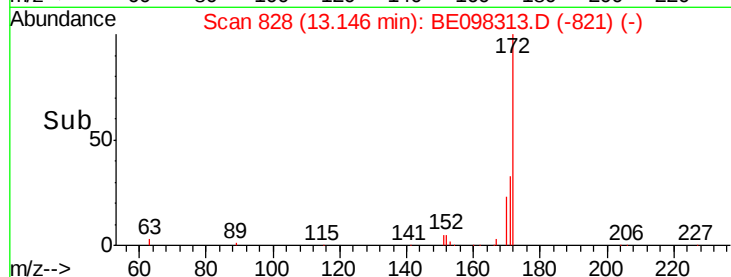
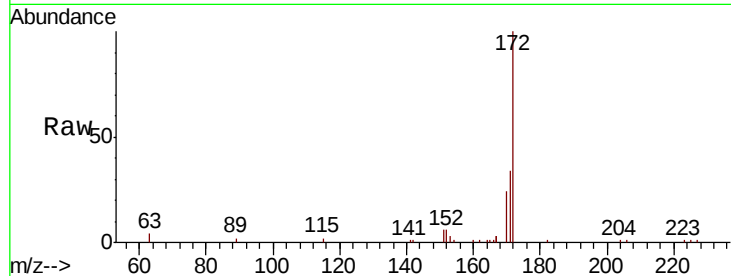




#15
 2-Fluorobiphenyl
 Concen: 0.535 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098313.D
 Acq: 11 Dec 2018 00:21

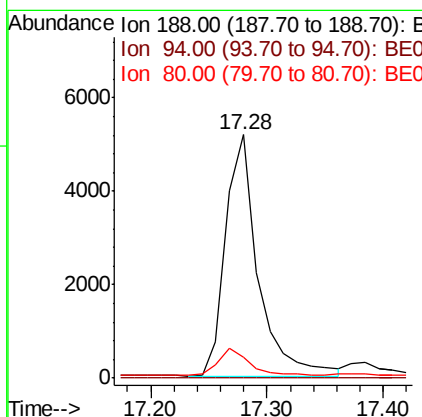
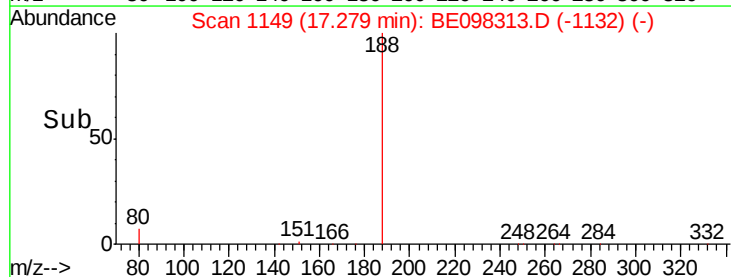
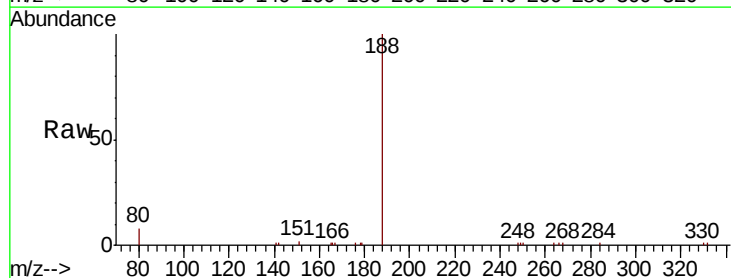
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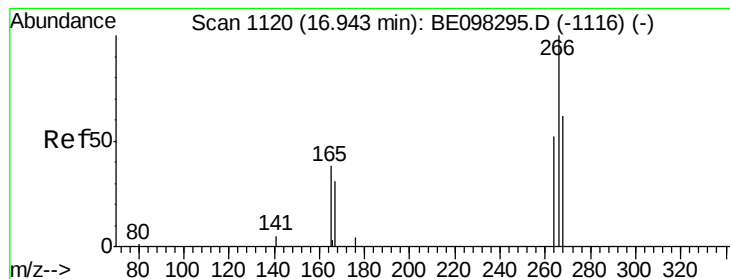
Tgt Ion:172 Resp: 8460
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.5 41.3
 170 23.7 19.6 29.4



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.28 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BE098313.D
 Acq: 11 Dec 2018 00:21

Tgt Ion:188 Resp: 10058
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.3 7.2 10.8





#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20181204

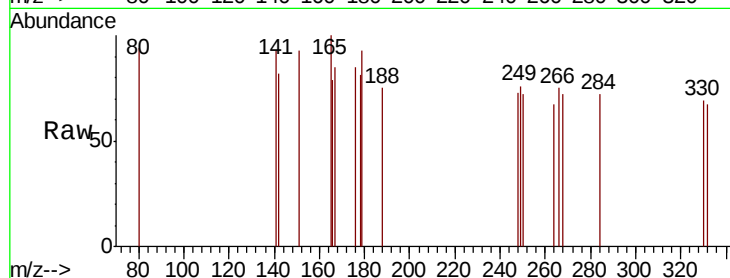
Tgt Ion: 266 Resp: 17

Ion Ratio Lower Upper

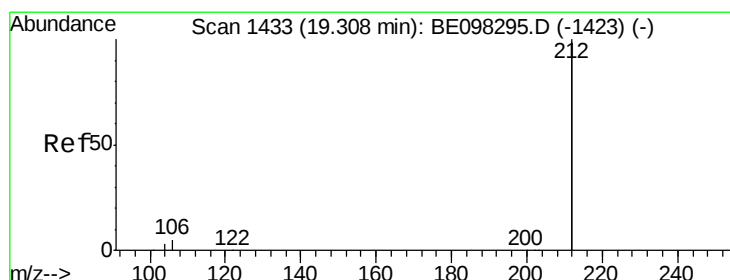
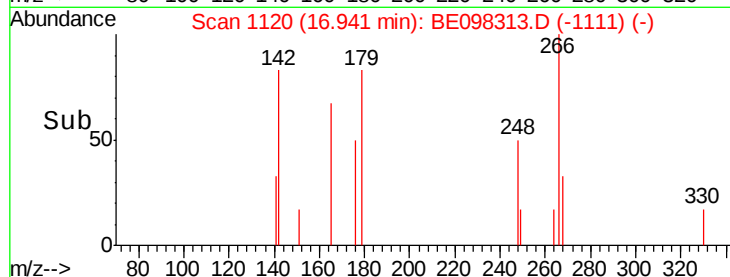
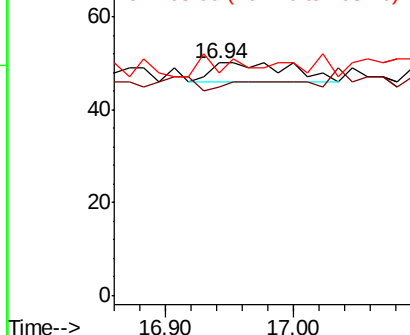
266 100

264 90.0 59.0 88.4#

268 96.0 55.1 82.7#



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



#25

Fluoranthene-d10

Concen: 0.458 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098313.D

Acq: 11 Dec 2018 00:21

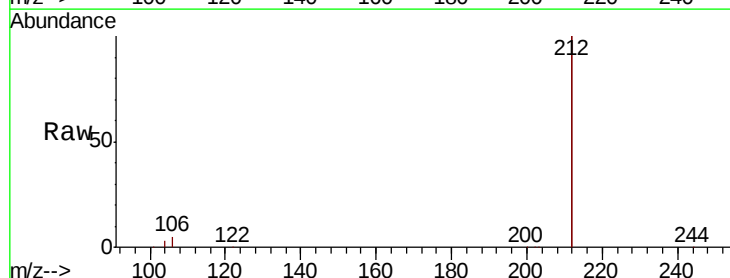
Tgt Ion: 212 Resp: 59111

Ion Ratio Lower Upper

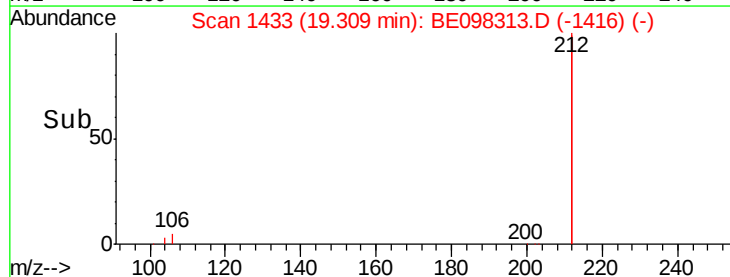
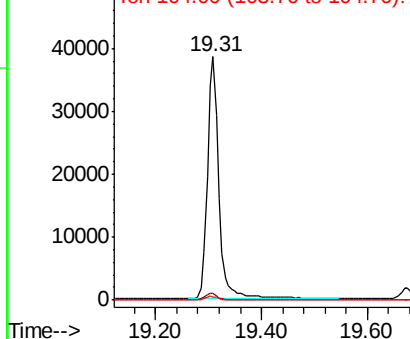
212 100

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

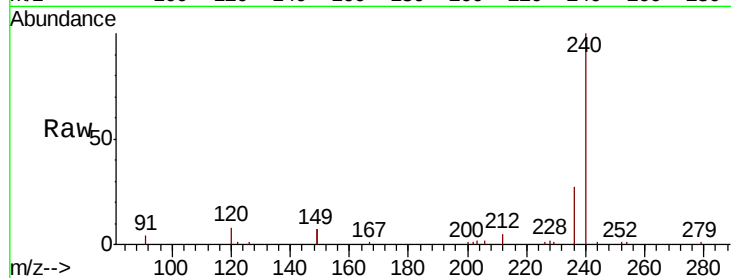




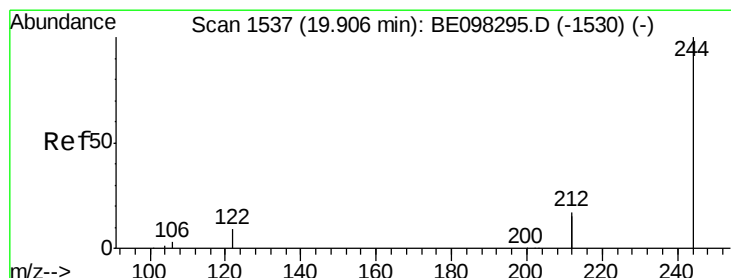
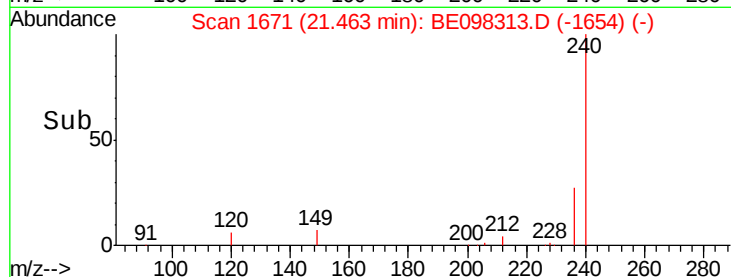
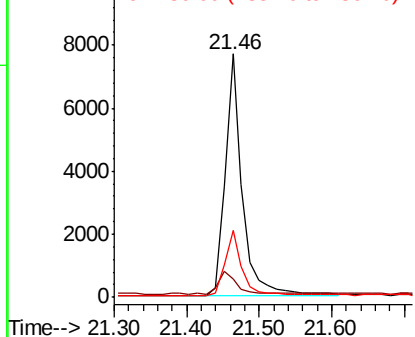
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098313.D
 Acq: 11 Dec 2018 00:21

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20181204

Tgt Ion:240 Resp: 12717
 Ion Ratio Lower Upper
 240 100
 120 7.8 9.5 14.3#
 236 27.5 22.7 34.1

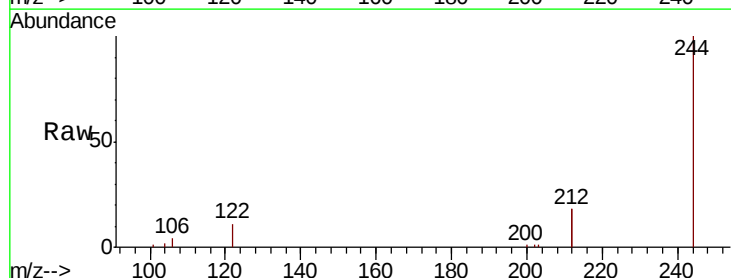


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

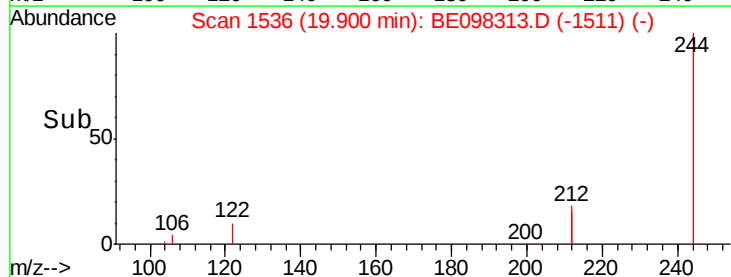
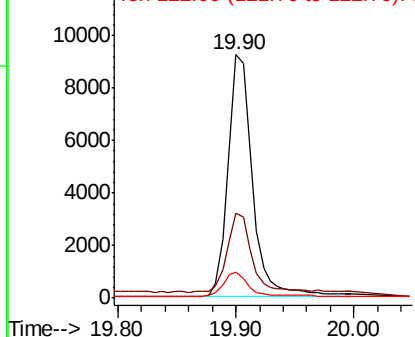


#29
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098313.D
 Acq: 11 Dec 2018 00:21

Tgt Ion:244 Resp: 13327
 Ion Ratio Lower Upper
 244 100
 212 35.1 27.4 41.0
 122 10.8 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

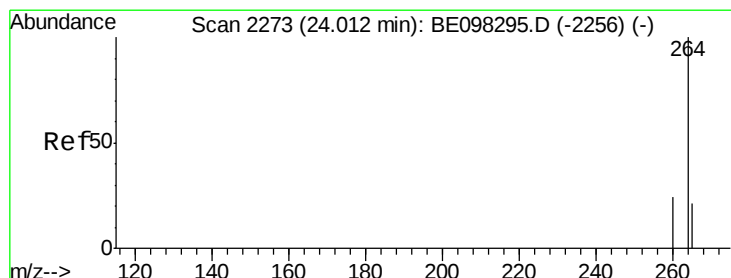
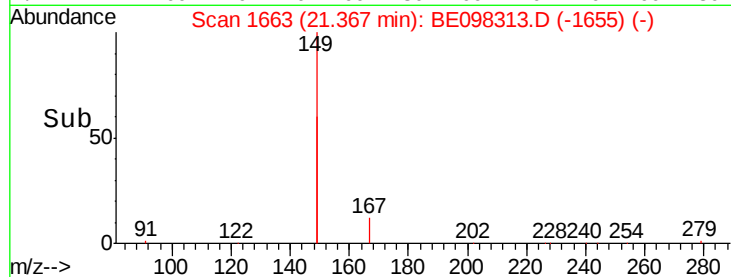
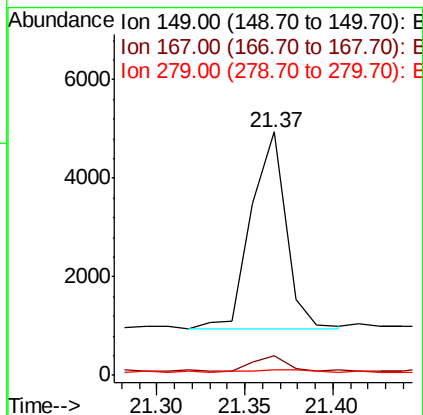
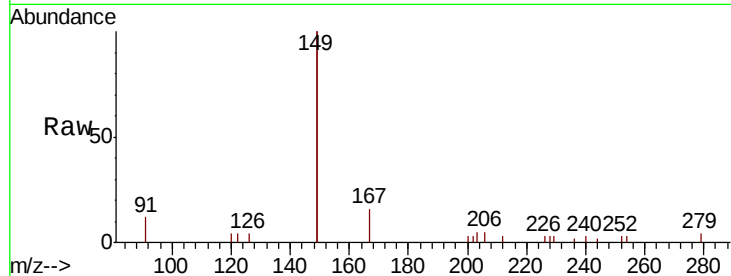




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098313.D
 Acq: 11 Dec 2018 00:21

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20181204

Tgt Ion:149 Resp: 5445
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.7 8.5
 279 1.8 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098313.D
 Acq: 11 Dec 2018 00:21

Tgt Ion:264 Resp: 12202
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 29.4 25.2 37.8

