

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098463.D
 Acq On : 15 Dec 2018 9:15
 Operator : SJ/JU
 Sample : J6358-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-20181211

Quant Time: Dec 16 00:52:02 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

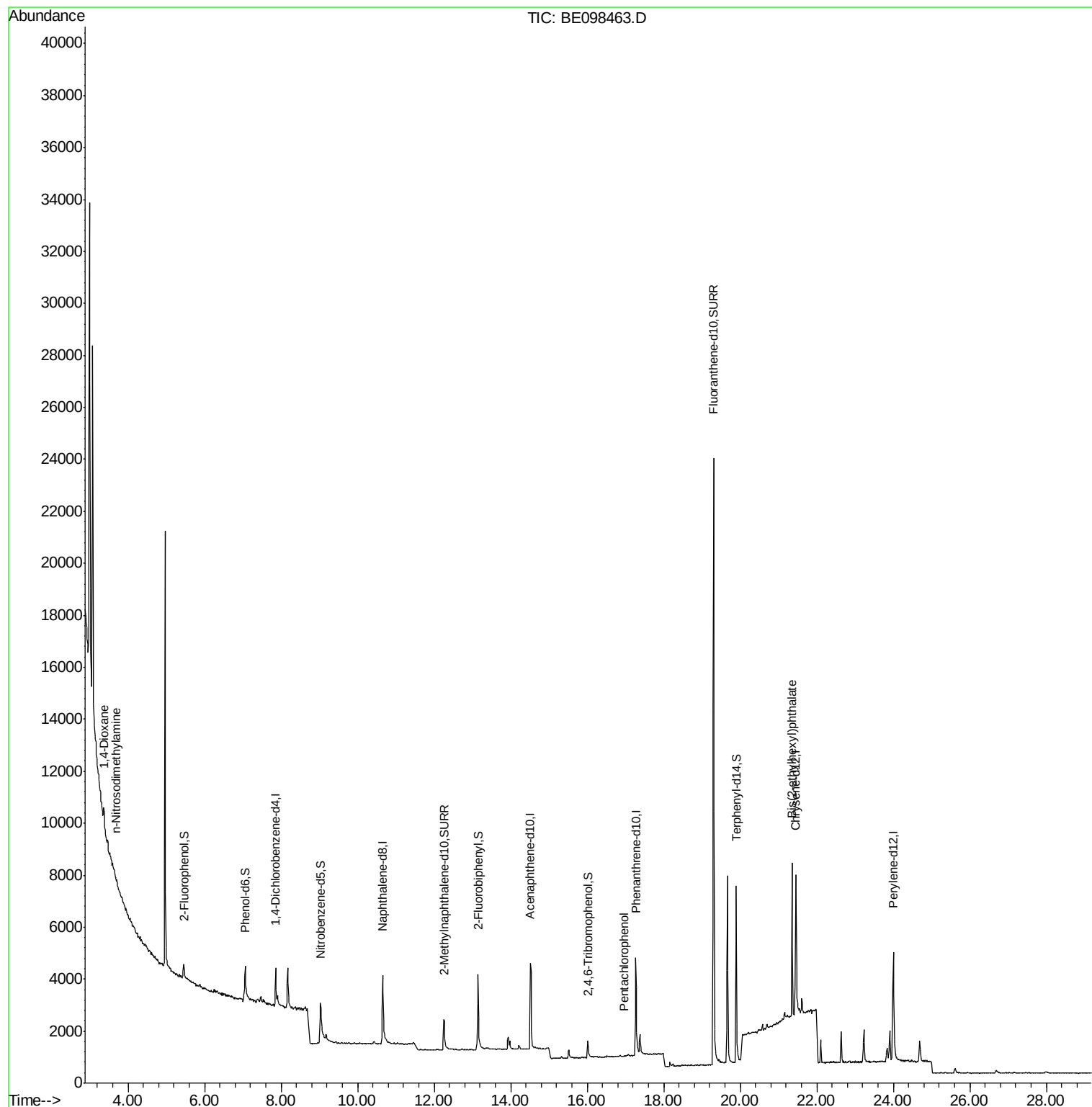
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	935	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3810	0.40	ng	-0.01
13) Acenaphthene-d10	14.52	164	2474	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6160	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7636	0.40	ng	-0.01
34) Perylene-d12	24.00	264	7243	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	507	0.23	ng	0.01
5) Phenol-d6	7.05	99	423	0.14	ng	0.00
8) Nitrobenzene-d5	9.03	82	1090	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2347	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	532	0.59	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3925	0.38	ng	0.00
25) Fluoranthene-d10	19.30	212	35460	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	6247	0.34	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	344	0.213	ng	# 59
3) n-Nitrosodimethylamine	3.68	42	42	0.029	ng	# 100
22) Pentachlorophenol	16.95	266	24	0.060	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.35	149	6669	0.151	ng	100

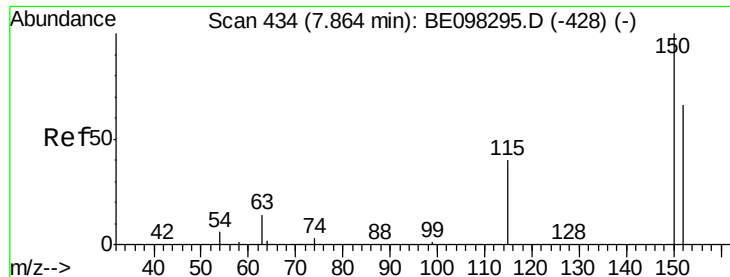
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098463.D
Acq On : 15 Dec 2018 9:15
Operator : SJ/JU
Sample : J6358-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-20181211

Quant Time: Dec 16 00:52:02 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098463.D

Acq: 15 Dec 2018 9:15

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20181211

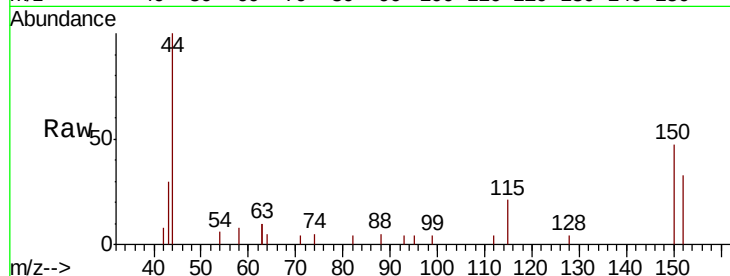
Tgt Ion: 152 Resp: 935

Ion Ratio Lower Upper

152 100

150 143.6 124.2 186.4

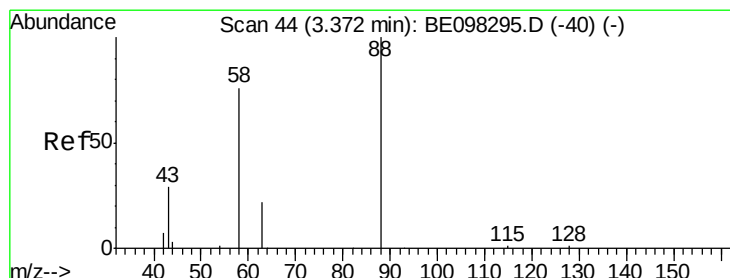
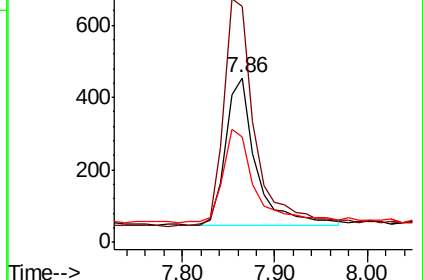
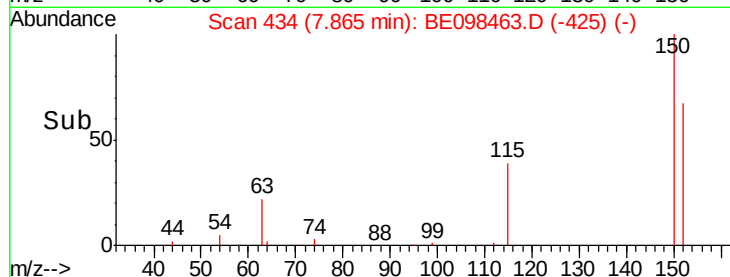
115 64.1 53.9 80.9



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: 0.213 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098463.D

Acq: 15 Dec 2018 9:15

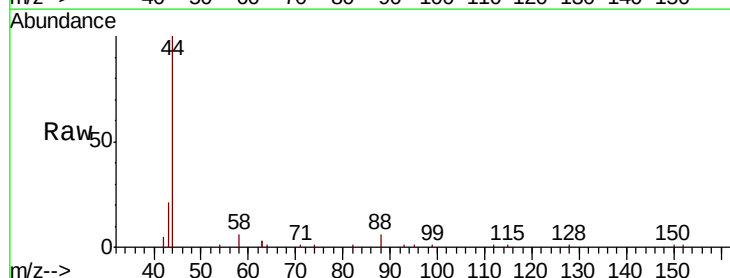
Tgt Ion: 88 Resp: 344

Ion Ratio Lower Upper

88 100

58 107.6 75.0 112.6

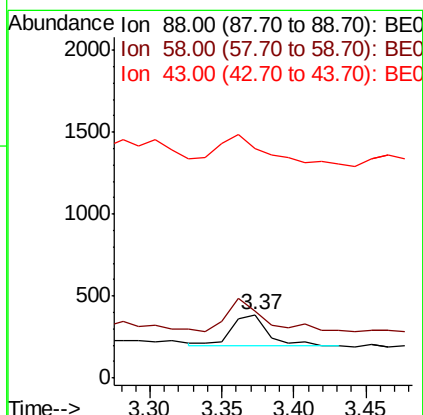
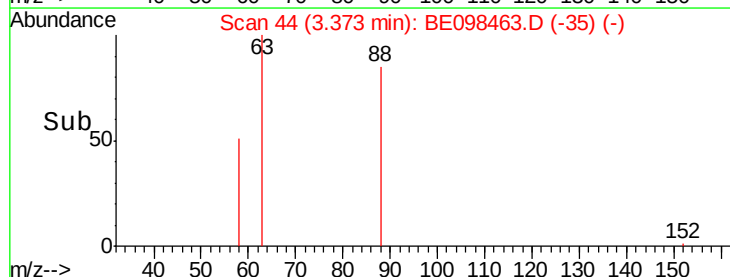
43 111.6 38.3 57.5#

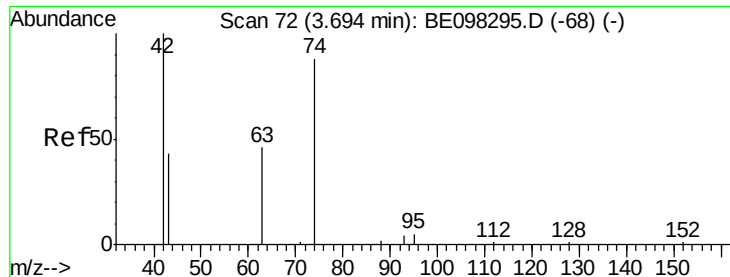


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098463.D

Acq: 15 Dec 2018 9:15

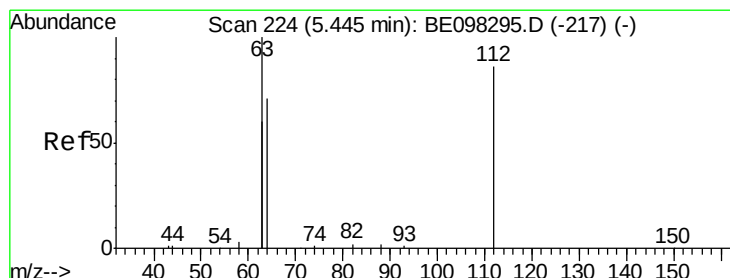
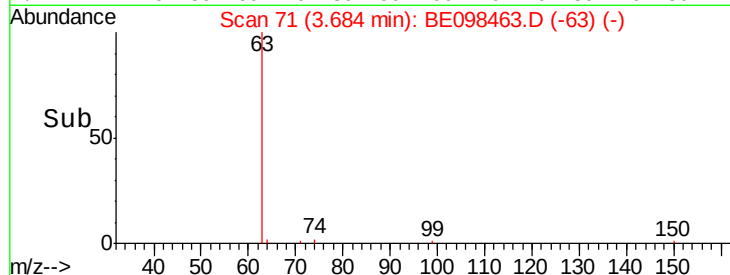
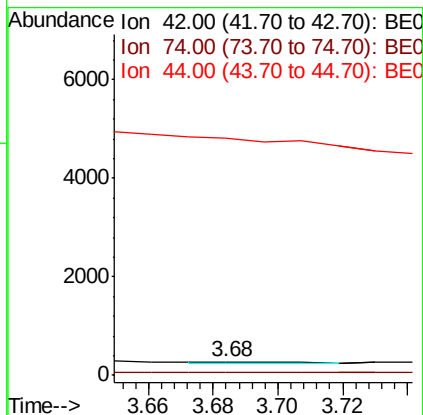
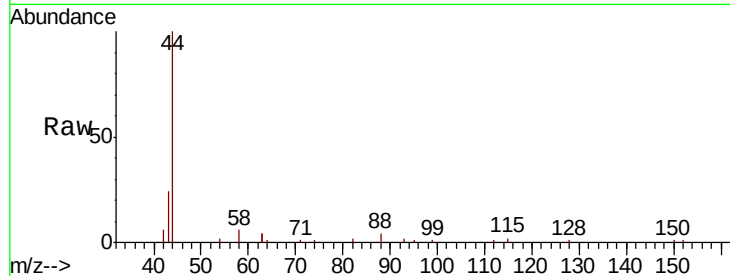
Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20181211

Tgt Ion:	42	Resp:	42
Ion	Ratio	Lower	Upper
42	100		
74	83.3	0.0	0.0#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.232 ng

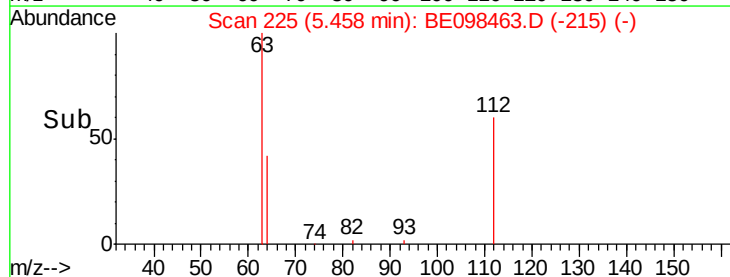
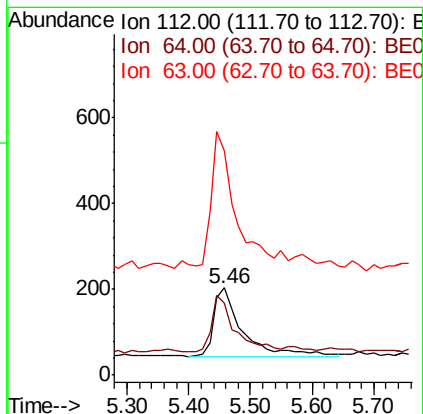
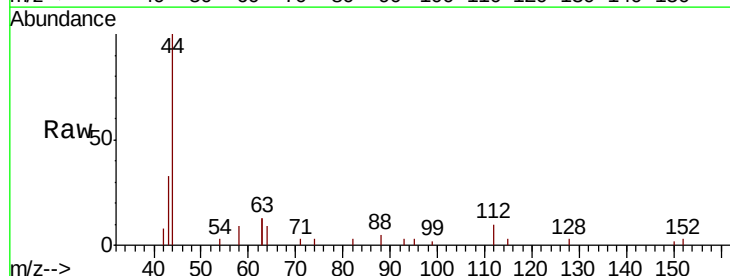
RT: 5.46 min Scan# 225

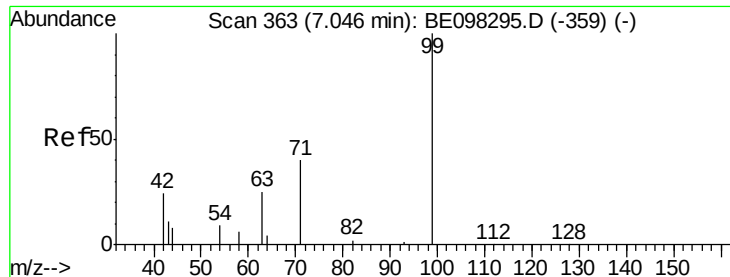
Delta R.T. 0.01 min

Lab File: BE098463.D

Acq: 15 Dec 2018 9:15

Tgt Ion:	112	Resp:	507
Ion	Ratio	Lower	Upper
112	100		
64	67.3	59.8	89.8
63	165.3	133.7	200.5





#5

Phenol-d6

Concen: 0.136 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098463.D

Acq: 15 Dec 2018 9:15

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20181211

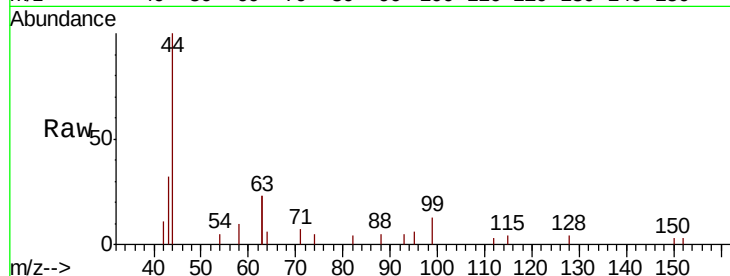
Tgt Ion: 99 Resp: 423

Ion Ratio Lower Upper

99 100

42 59.8 26.3 39.5#

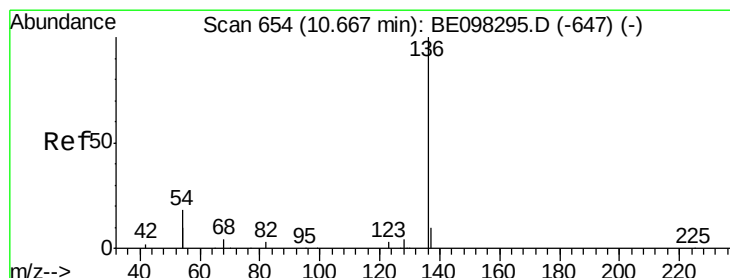
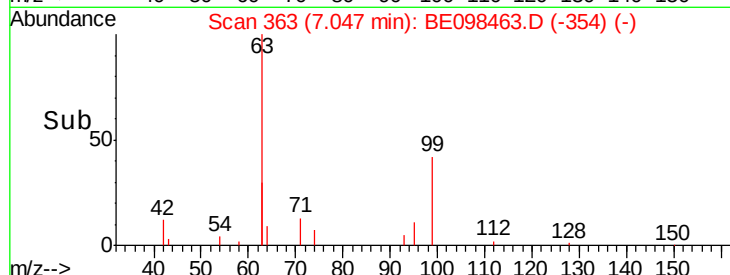
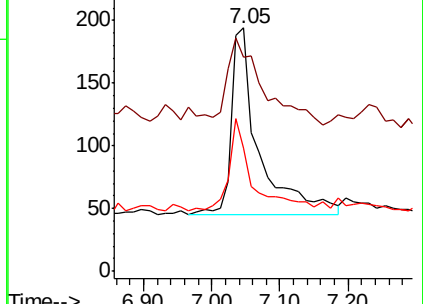
71 42.1 33.6 50.4



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: BE098463.D

Acq: 15 Dec 2018 9:15

Tgt Ion: 136 Resp: 3810

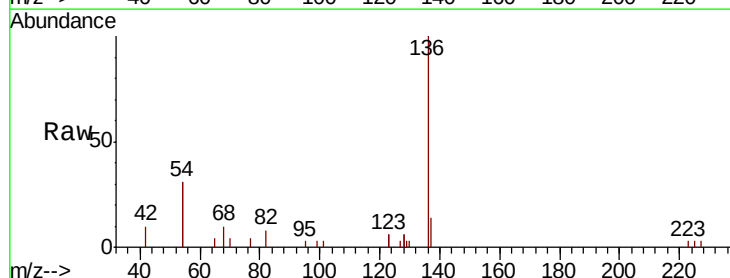
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 61.1 28.4 42.6#

68 10.2 5.4 8.0#

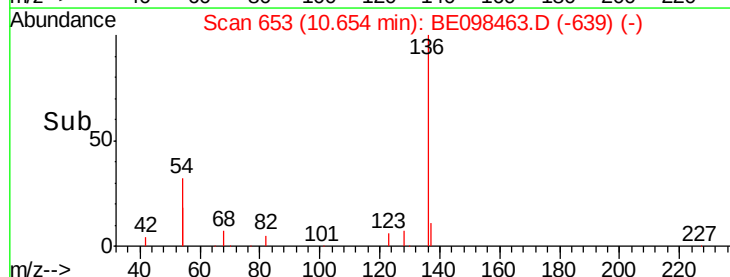
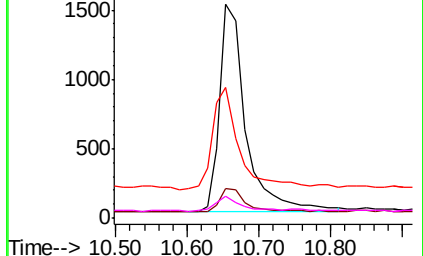


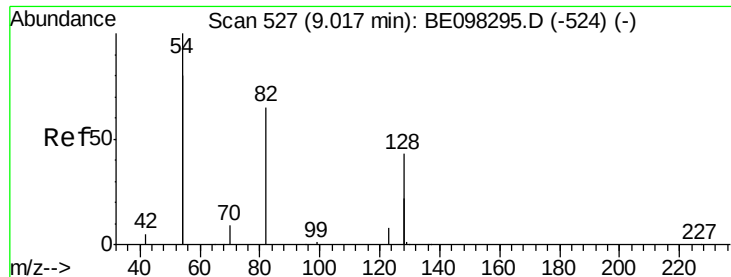
Abundance Ion 136.00 (135.70 to 136.70): E

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

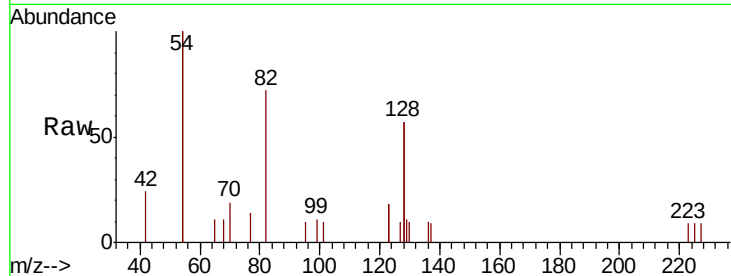




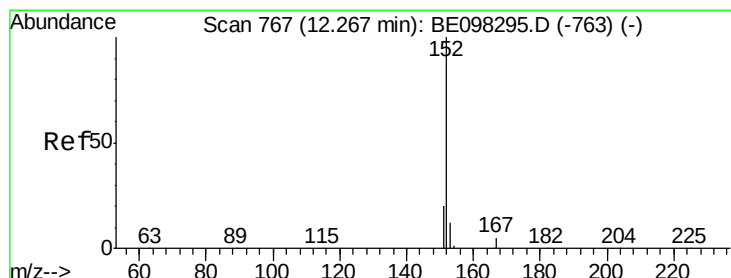
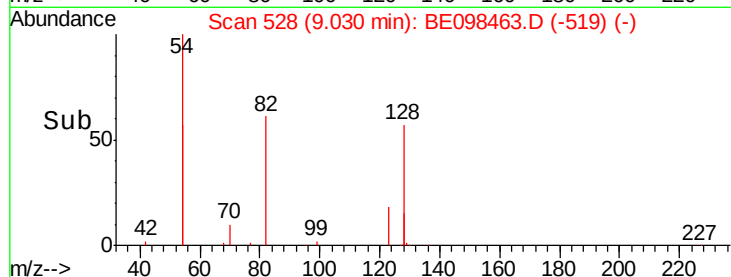
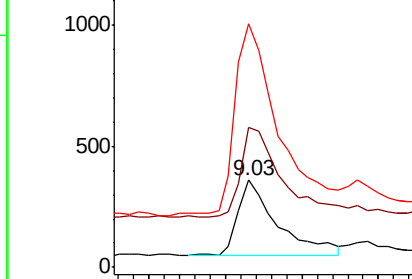
#8
 Nitrobenzene-d5
 Concen: 0.314 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098463.D
 Acq: 15 Dec 2018 9:15

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-20181211

Tgt Ion: 82 Resp: 1090
 Ion Ratio Lower Upper
 82 100
 128 159.6 102.4 153.6#
 54 278.7 221.8 332.8

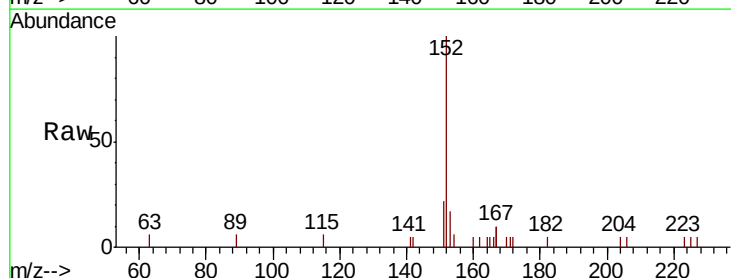


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

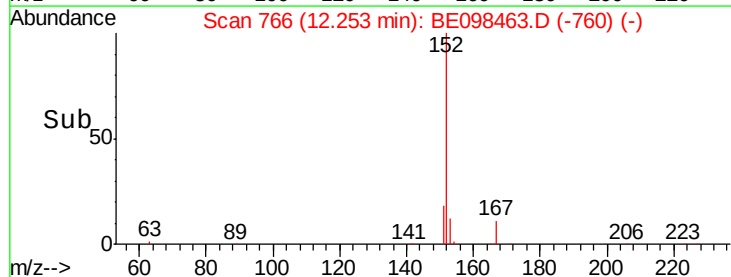
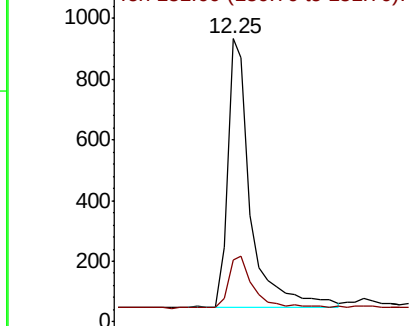


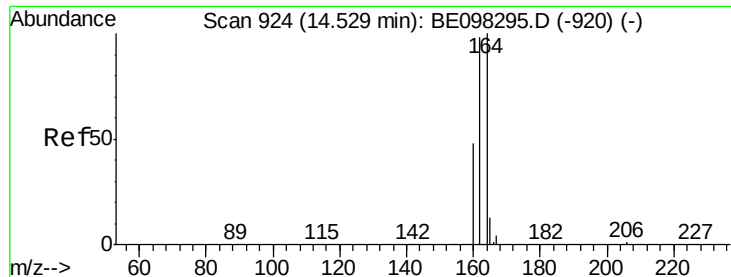
#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098463.D
 Acq: 15 Dec 2018 9:15

Tgt Ion: 152 Resp: 2347
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

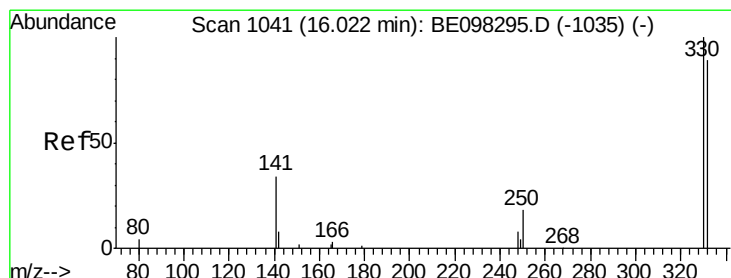
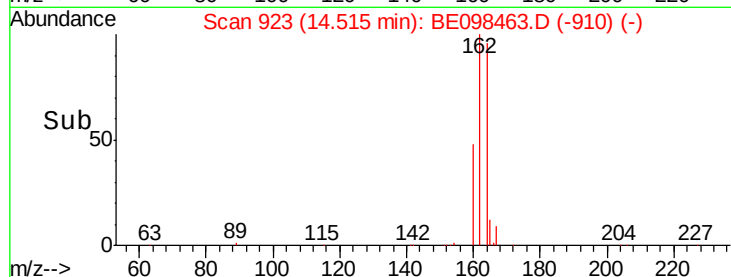
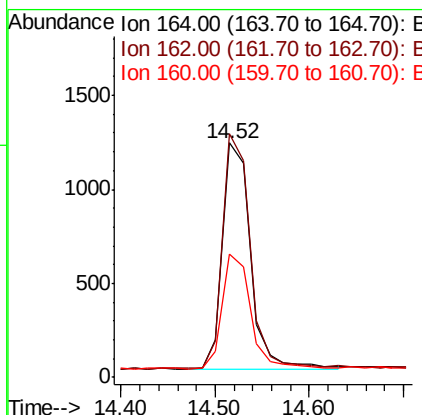
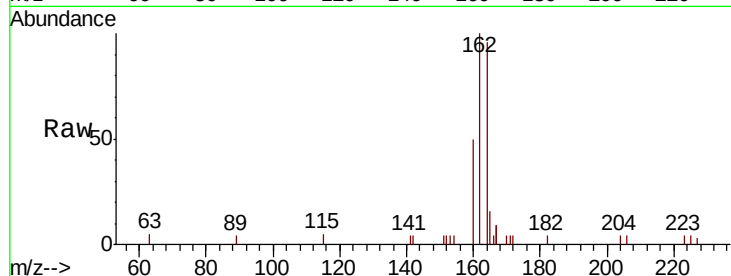




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098463.D
Acq: 15 Dec 2018 9:15

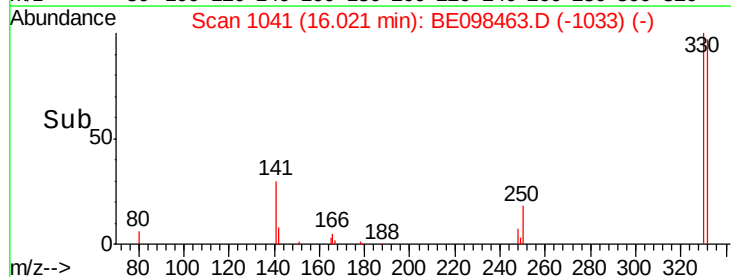
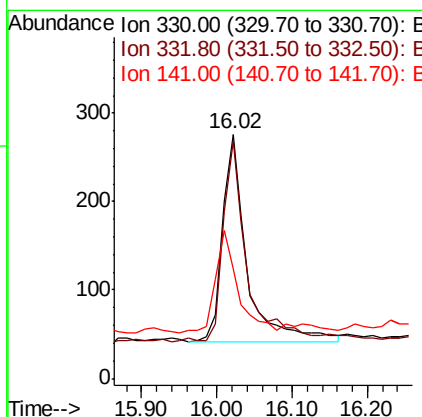
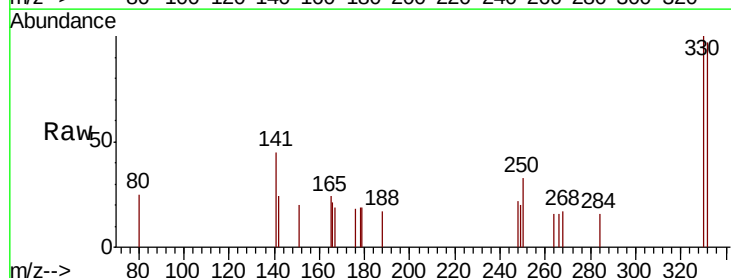
Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-20181211

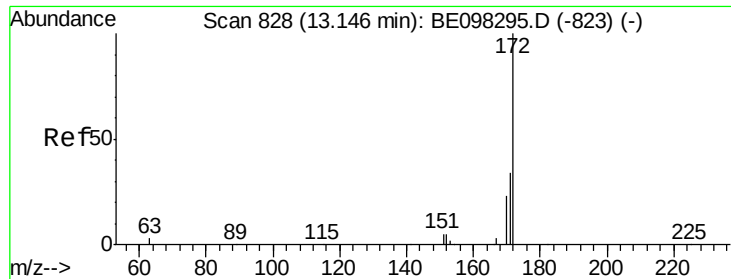
Tgt Ion:164 Resp: 2474
Ion Ratio Lower Upper
164 100
162 103.8 77.6 116.4
160 52.3 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.586 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098463.D
Acq: 15 Dec 2018 9:15

Tgt Ion:330 Resp: 532
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 44.2 39.0 58.4

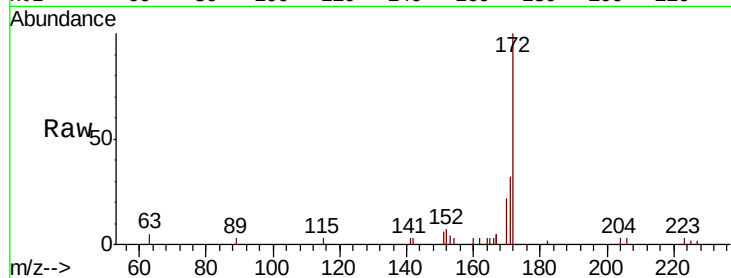




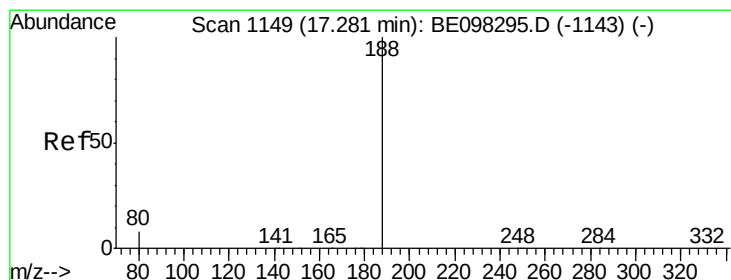
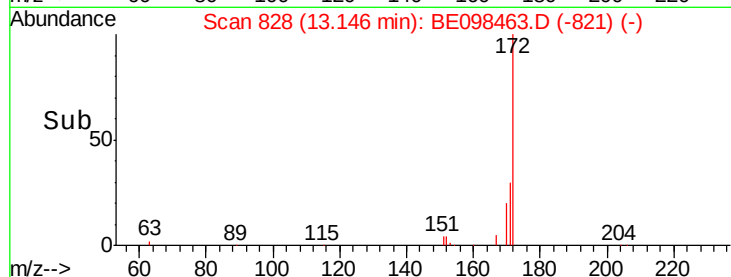
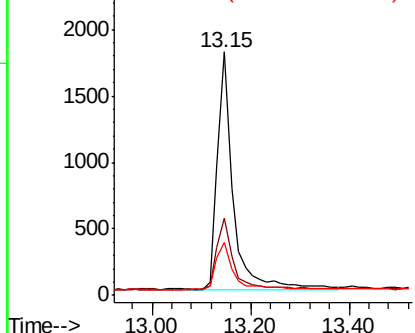
#15
 2-Fluorobiphenyl
 Concen: 0.376 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098463.D
 Acq: 15 Dec 2018 9:15

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-20181211

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.8	27.5	41.3
170	21.9	19.6	29.4

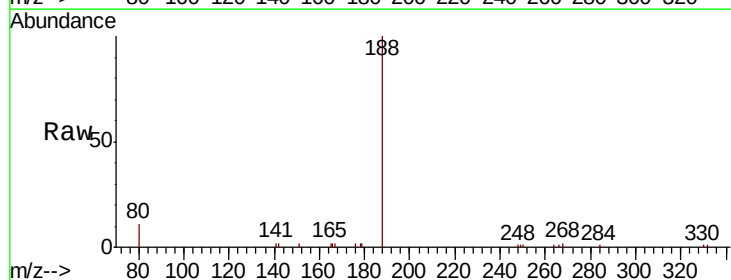


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

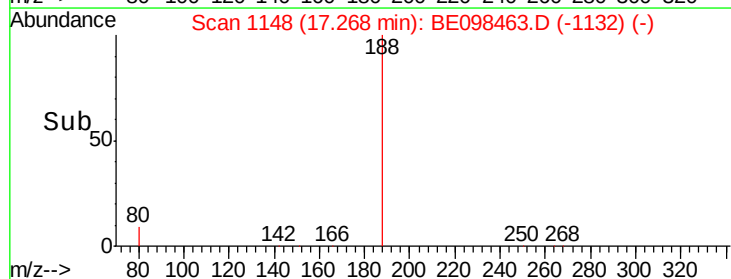
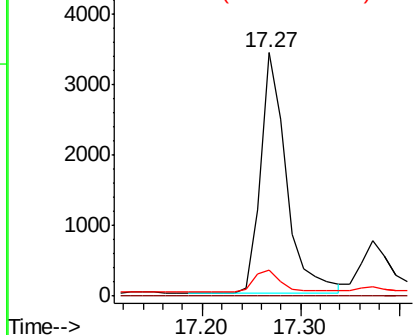


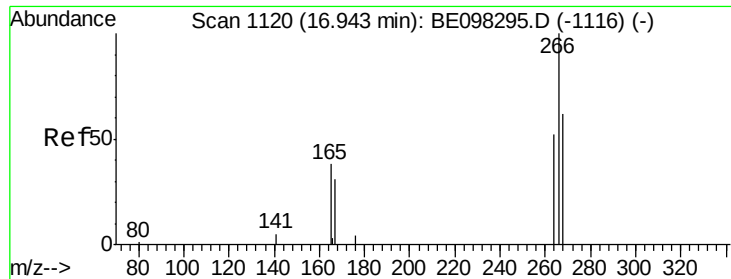
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098463.D
 Acq: 15 Dec 2018 9:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	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

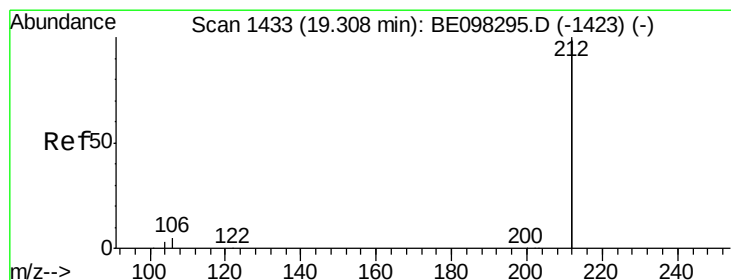
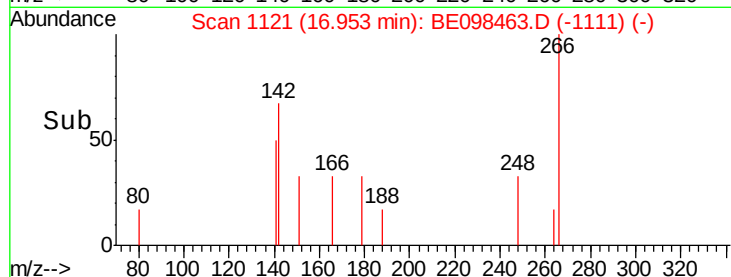
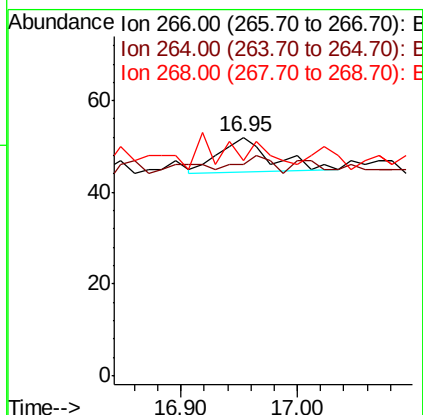
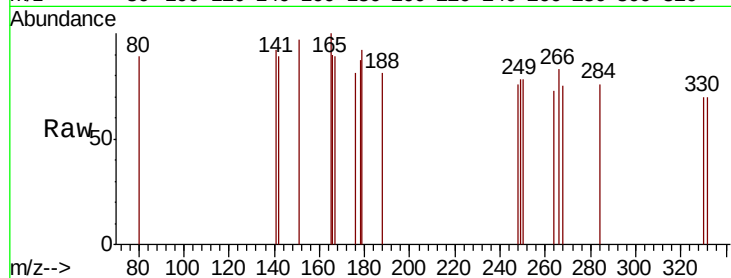




#22
 Pentachlorophenol
 Concen: 0.060 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098463.D
 Acq: 15 Dec 2018 9:15

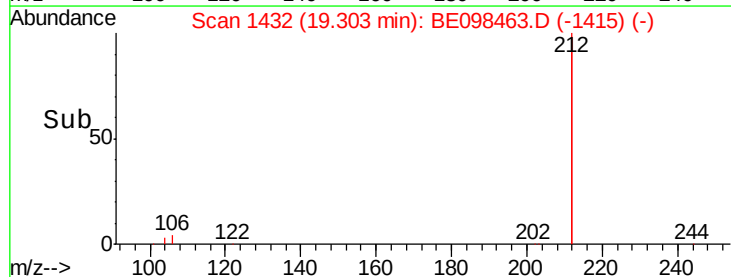
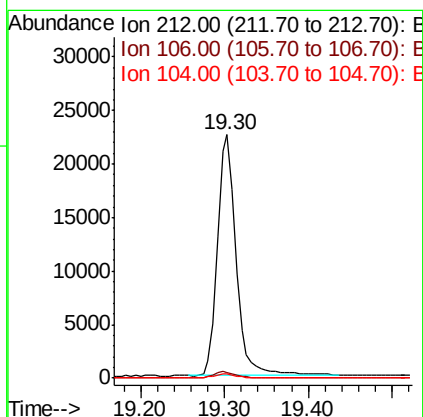
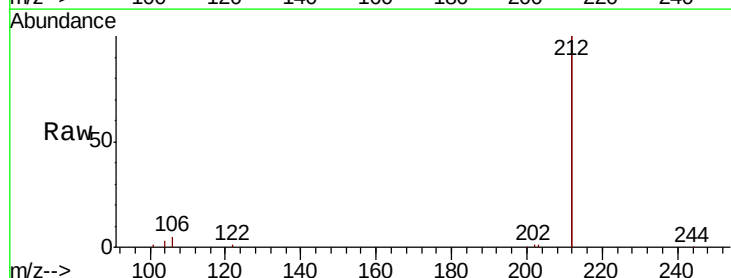
Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-20181211

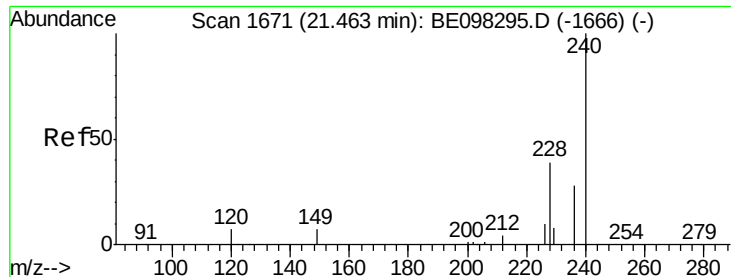
Tgt Ion: 266 Resp: 24
 Ion Ratio Lower Upper
 266 100
 264 88.5 59.0 88.4#
 268 90.4 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.449 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098463.D
 Acq: 15 Dec 2018 9:15

Tgt Ion: 212 Resp: 35460
 Ion Ratio Lower Upper
 212 100
 106 2.5 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: BE098463.D

Acq: 15 Dec 2018 9:15

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20181211

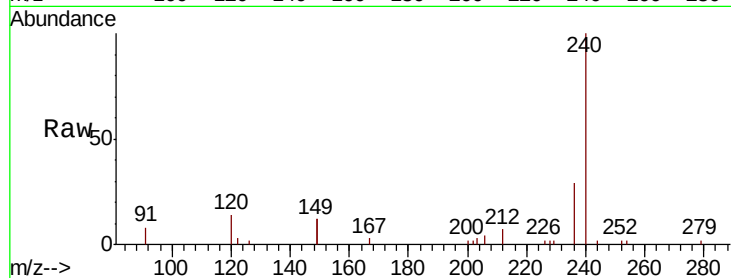
Tgt Ion:240 Resp: 7636

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

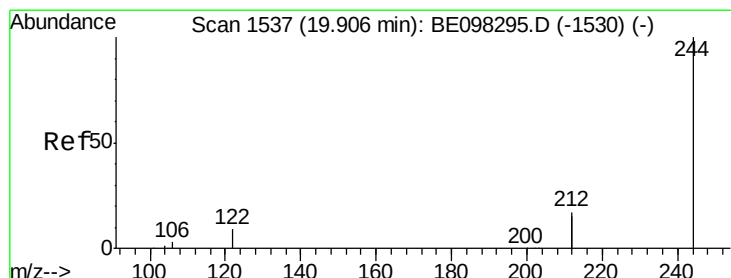
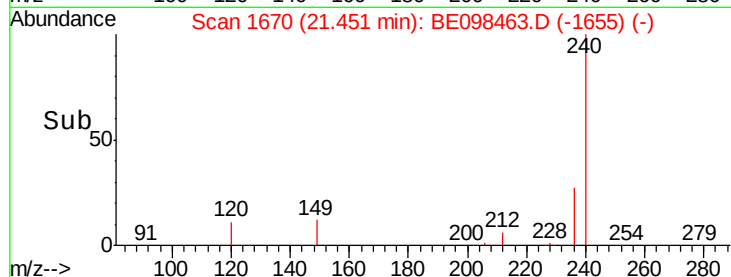
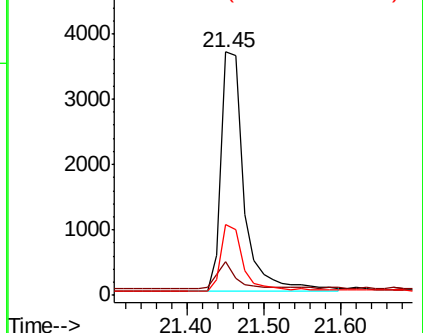
236 28.9 22.7 34.1



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: 0.337 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098463.D

Acq: 15 Dec 2018 9:15

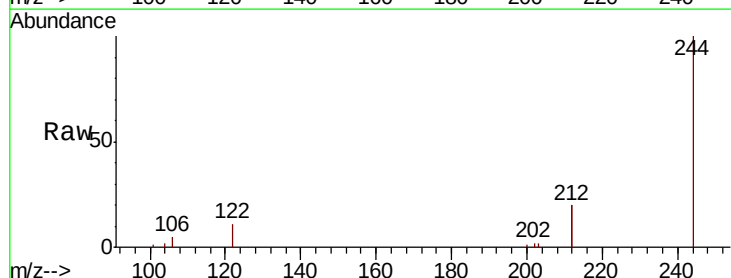
Tgt Ion:244 Resp: 6247

Ion Ratio Lower Upper

244 100

212 39.3 27.4 41.0

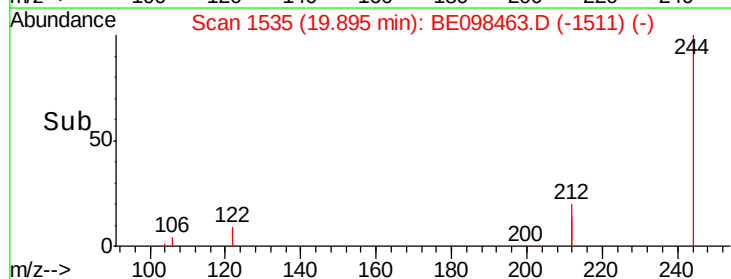
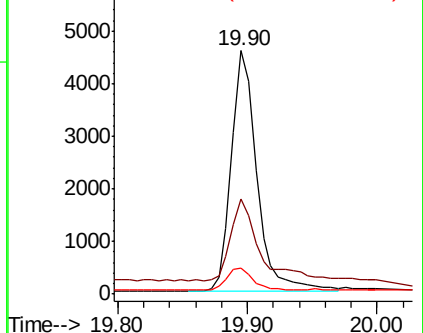
122 10.7 8.3 12.5

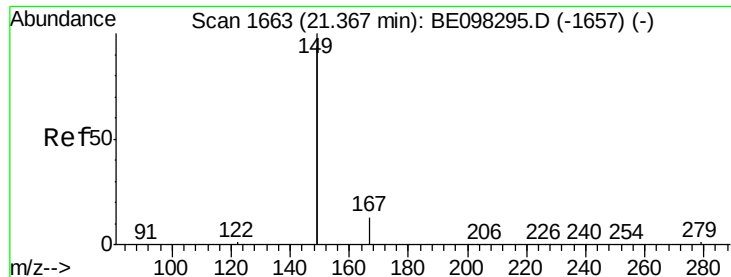


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.151 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098463.D

Acq: 15 Dec 2018 9:15

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20181211

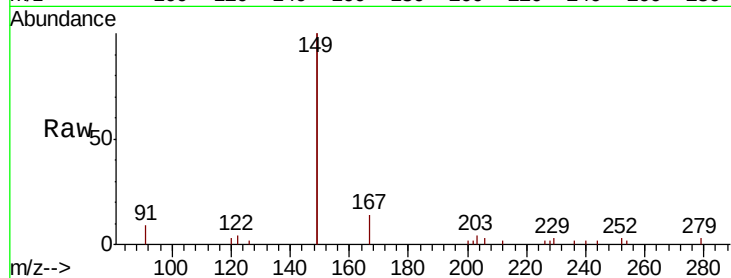
Tgt Ion:149 Resp: 6669

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

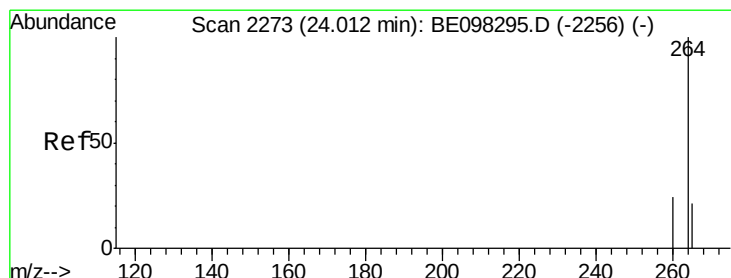
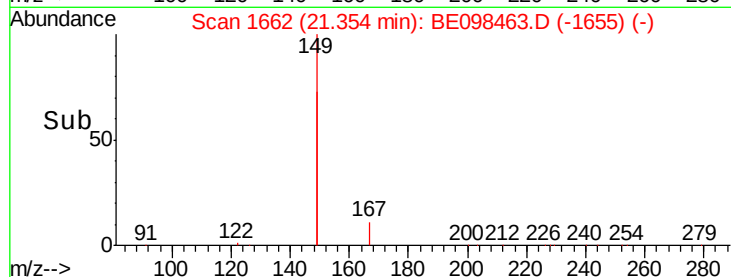
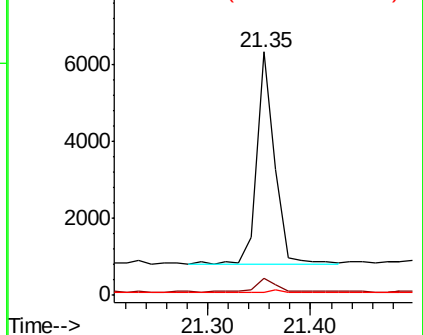
279 1.3 1.0 1.4



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: BE098463.D

Acq: 15 Dec 2018 9:15

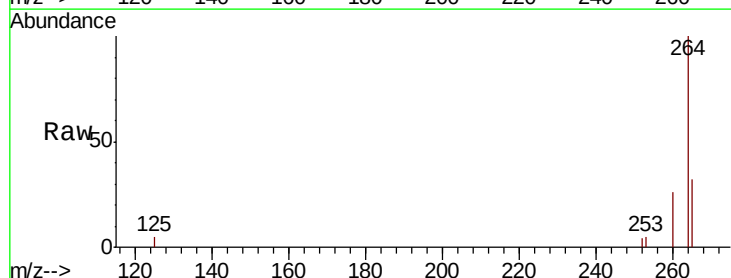
Tgt Ion:264 Resp: 7243

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 31.8 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

