

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098450.D
 Acq On : 14 Dec 2018 00:00
 Operator : SJ/JU
 Sample : J6343-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW312S-20181210

Quant Time: Dec 15 02:44:18 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

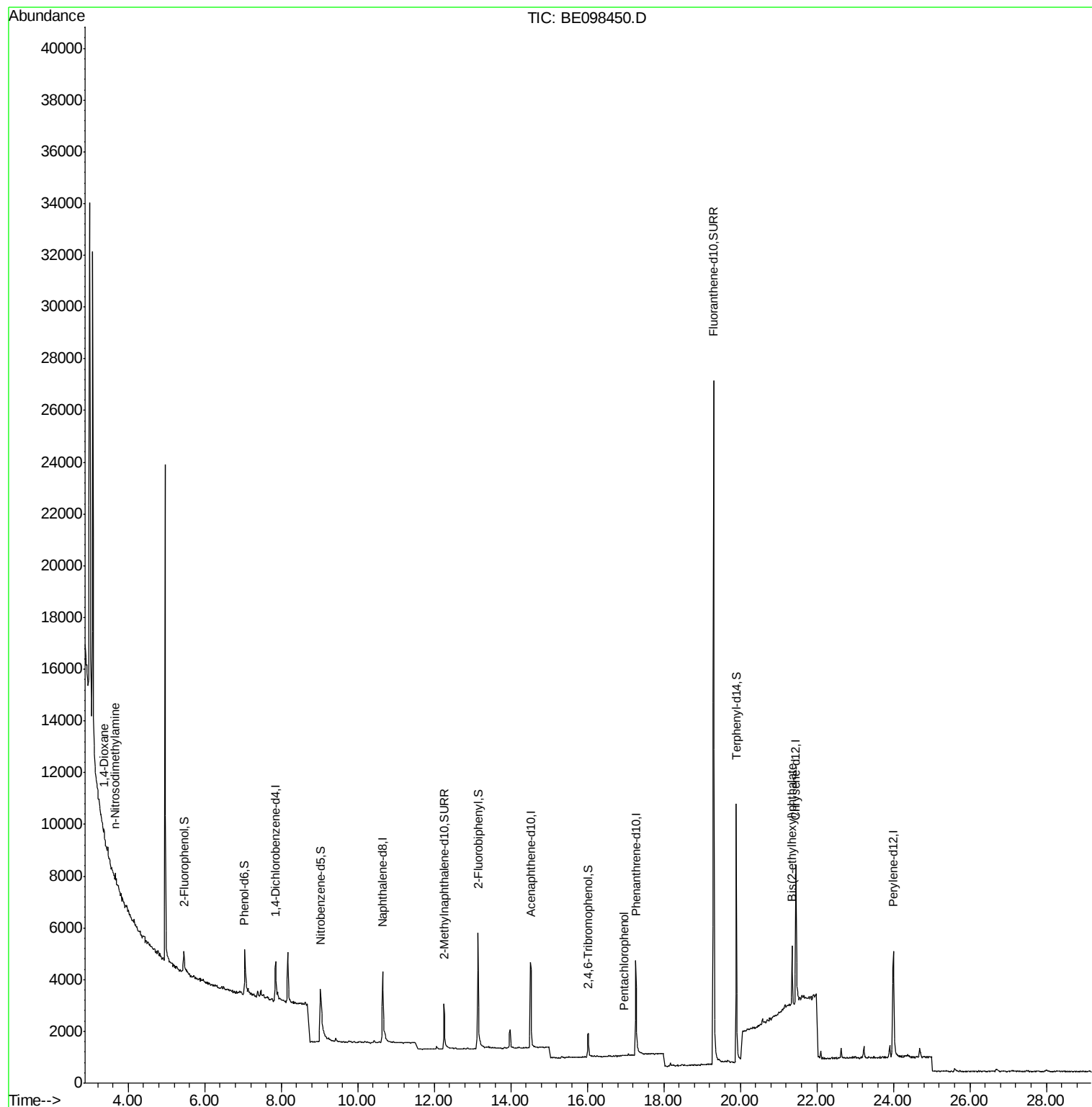
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	977	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3958	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2502	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6554	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7455	0.40	ng	-0.01
34) Perylene-d12	24.00	264	7214	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	565	0.25	ng	0.00
5) Phenol-d6	7.04	99	509	0.16	ng	0.00
8) Nitrobenzene-d5	9.03	82	1677	0.47	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	3021	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	766	0.83	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5784	0.55	ng	0.00
25) Fluoranthene-d10	19.30	212	40550	0.48	ng	0.00
29) Terphenyl-d14	19.89	244	9786	0.54	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	53	0.031	ng	Qvalue # 1
3) n-Nitrosodimethylamine	3.66	42	95	0.062	ng	# 100
22) Pentachlorophenol	16.95	266	3	0.021	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.35	149	2843	0.066	ng	# 93

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

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QLast Update : Mon Dec 10 14:59:55 2018
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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: BE098450.D

Acq: 14 Dec 2018 00:00

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312S-20181210

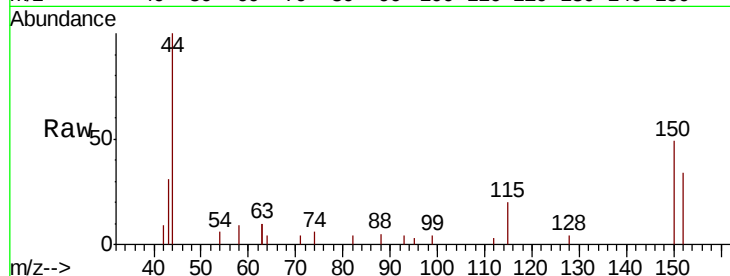
Tgt Ion: 152 Resp: 977

Ion Ratio Lower Upper

152 100

150 144.6 124.2 186.4

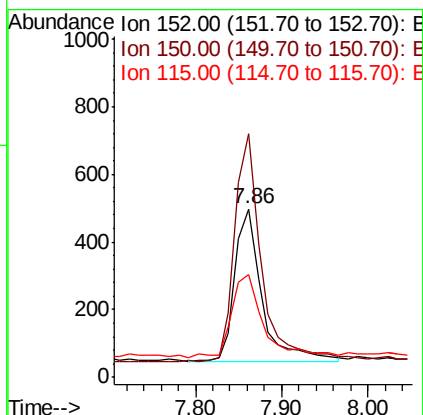
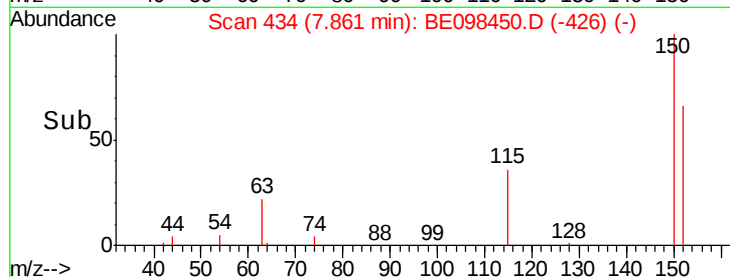
115 60.6 53.9 80.9



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: 0.031 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

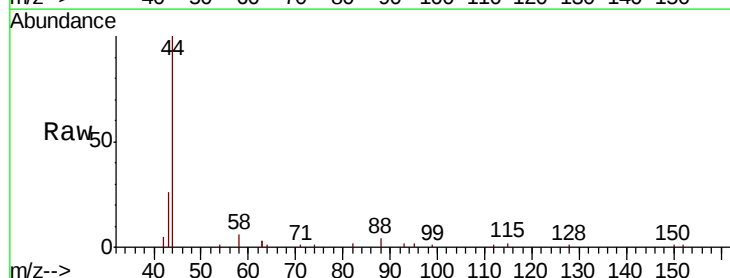
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 328.3 75.0 112.6#

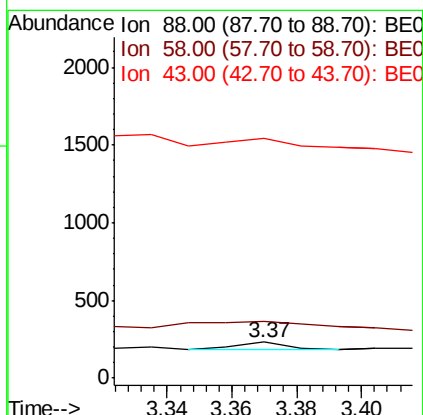
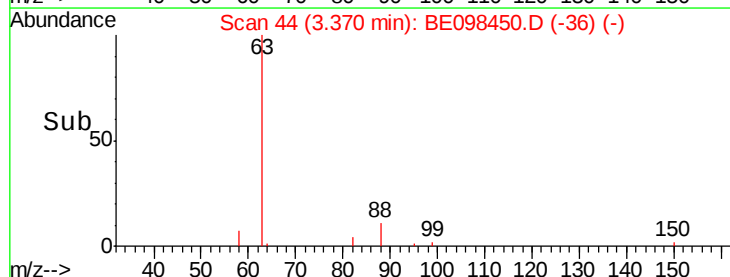
43 0.0 38.3 57.5#



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: 0.062 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.04 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

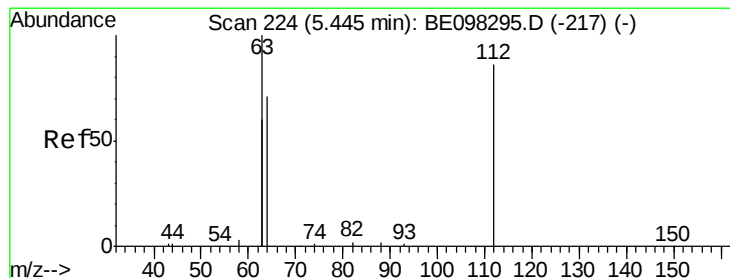
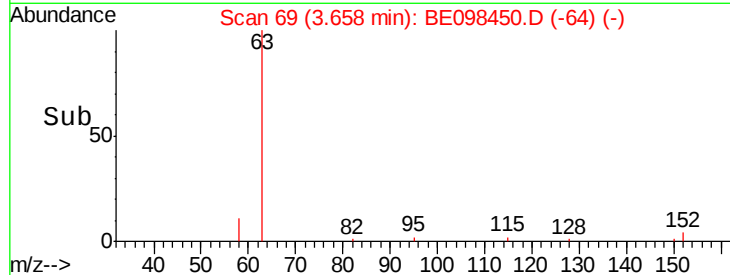
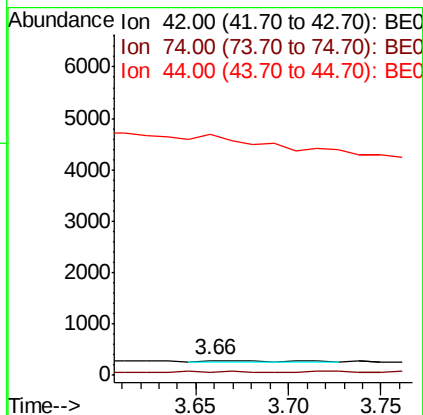
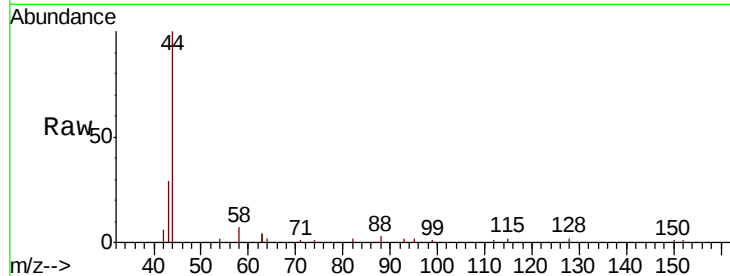
Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312S-20181210

Tgt Ion:	42	Resp:	95
Ion	Ratio	Lower	Upper
42	100		
74	11.6	0.0	0.0#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.247 ng

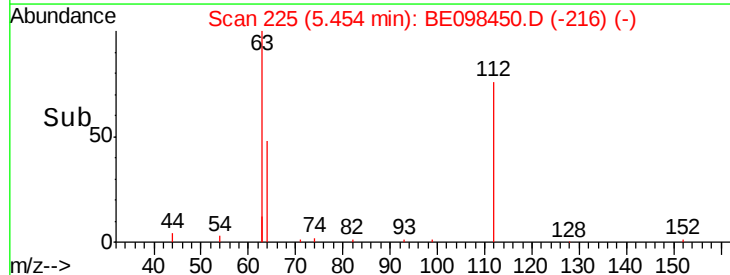
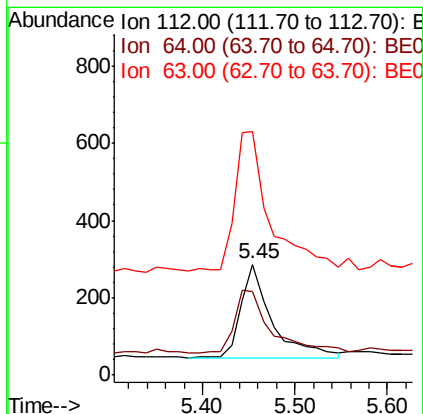
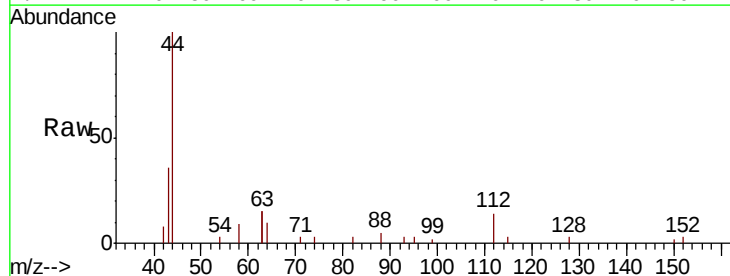
RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

Tgt Ion:	112	Resp:	565
Ion	Ratio	Lower	Upper
112	100		
64	78.9	59.8	89.8
63	179.1	133.7	200.5





#5

Phenol-d6

Concen: 0.157 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312S-20181210

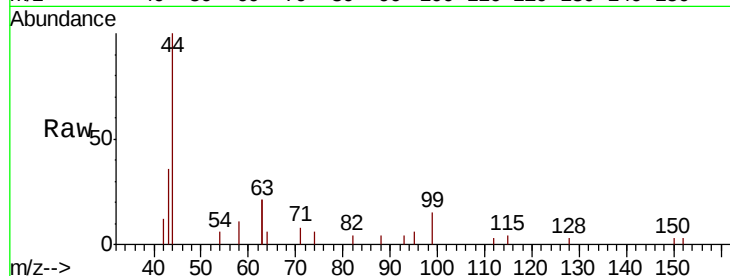
Tgt Ion: 99 Resp: 509

Ion Ratio Lower Upper

99 100

42 45.6 26.3 39.5#

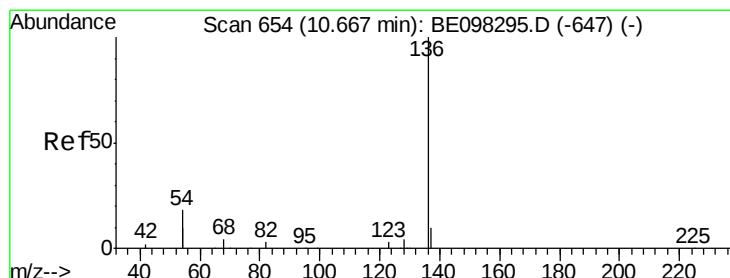
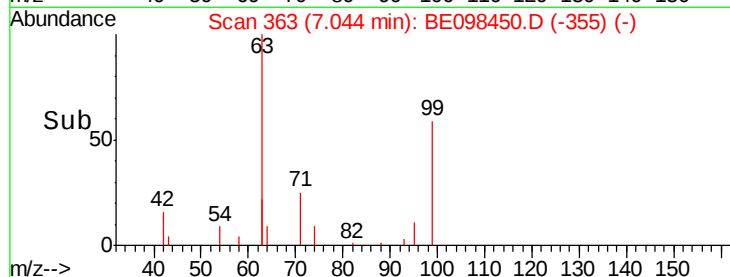
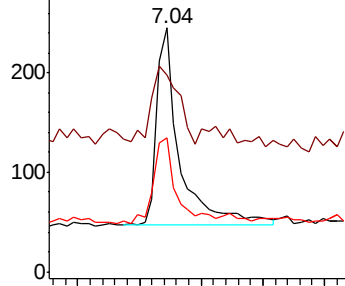
71 43.8 33.6 50.4



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

Tgt Ion: 136 Resp: 3958

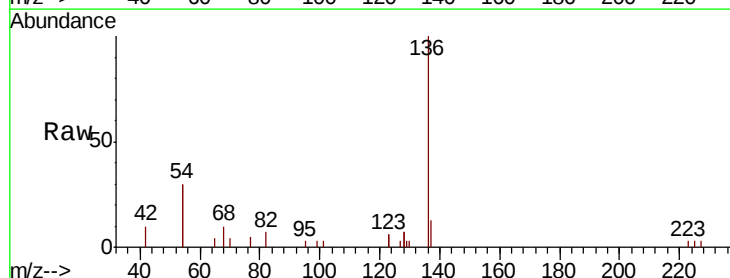
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 59.8 28.4 42.6#

68 9.8 5.4 8.0#

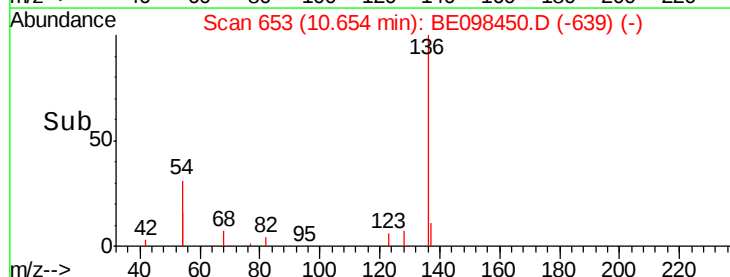
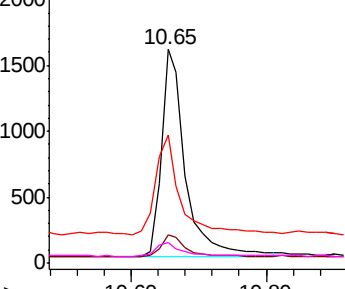


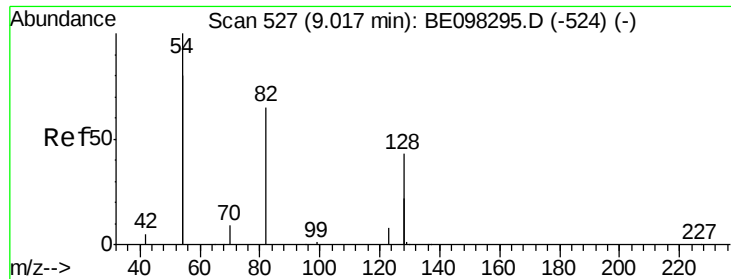
Abundance Ion 136.00 (135.70 to 136.70): E

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

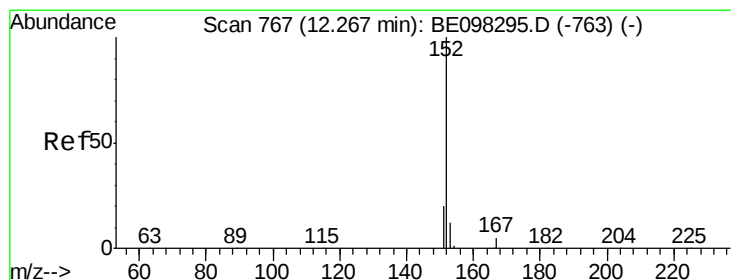
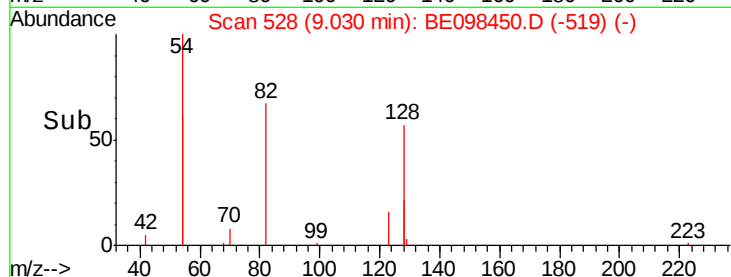
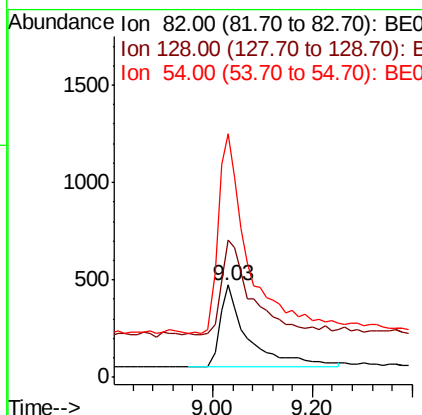
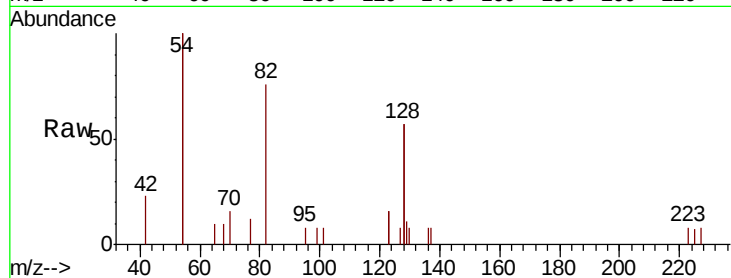




#8
 Nitrobenzene-d5
 Concen: 0.465 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098450.D
 Acq: 14 Dec 2018 00:00

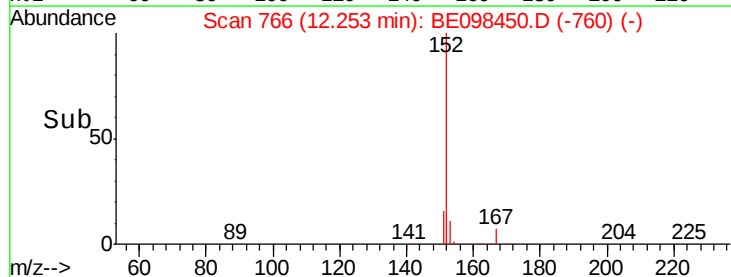
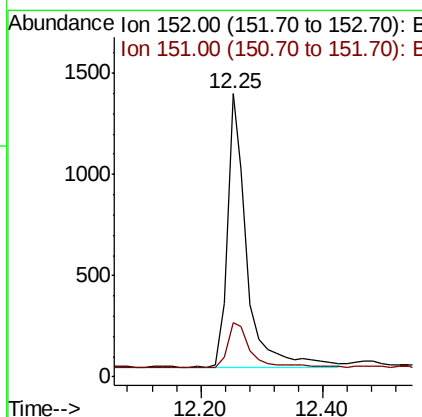
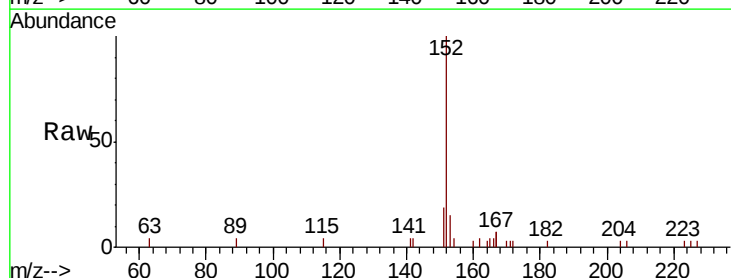
Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW312S-20181210

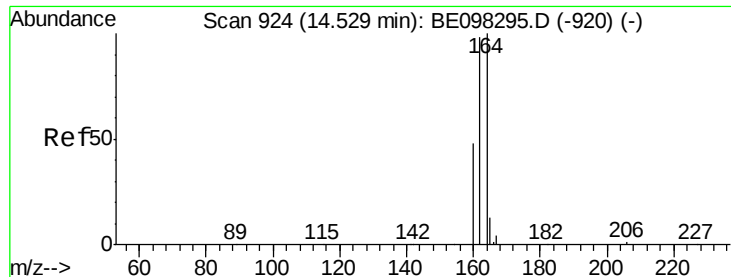
Tgt Ion: 82 Resp: 1677
 Ion Ratio Lower Upper
 82 100
 128 149.7 102.4 153.6
 54 264.3 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.469 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098450.D
 Acq: 14 Dec 2018 00:00

Tgt Ion: 152 Resp: 3021
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312S-20181210

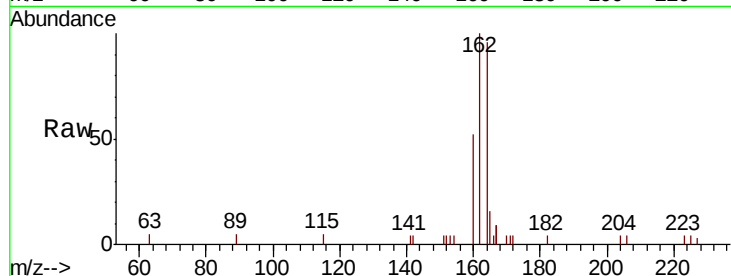
Tgt Ion:164 Resp: 2502

Ion Ratio Lower Upper

164 100

162 104.6 77.6 116.4

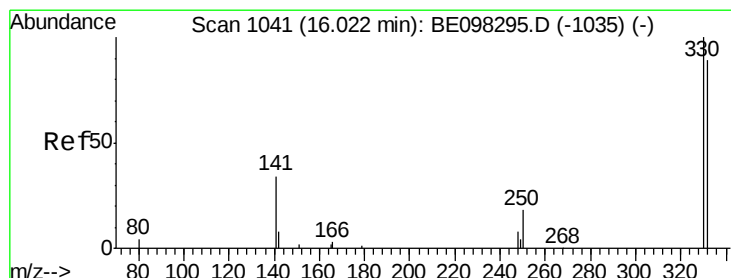
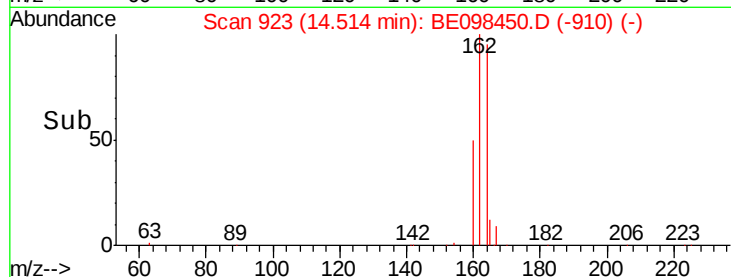
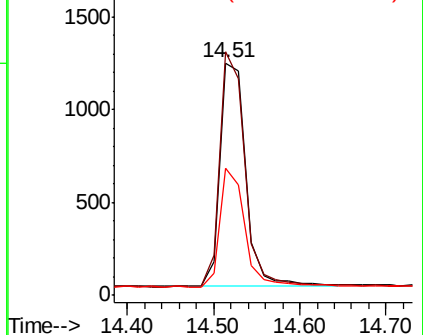
160 54.4 36.0 54.0#



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: 0.834 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

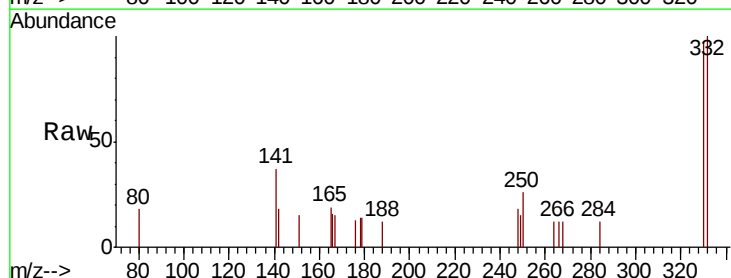
Tgt Ion:330 Resp: 766

Ion Ratio Lower Upper

330 100

332 99.0 76.2 114.4

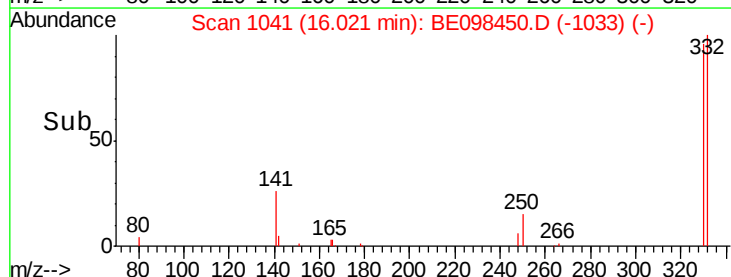
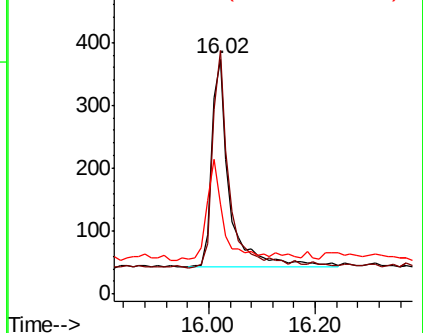
141 45.0 39.0 58.4

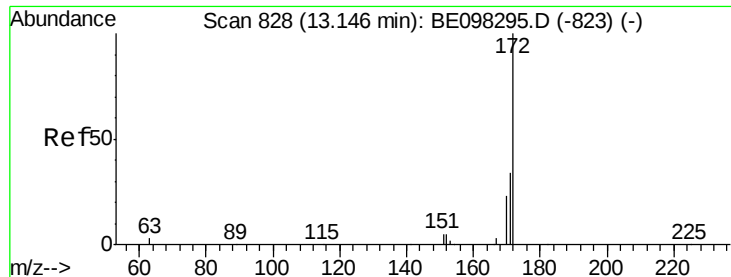


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

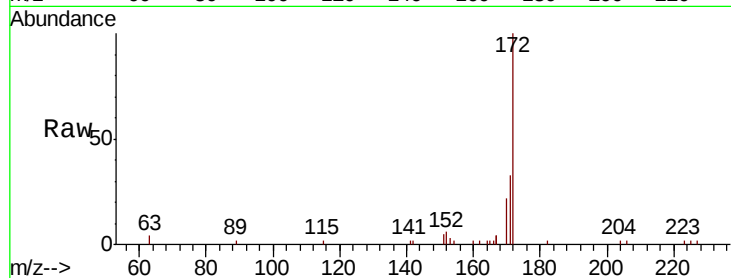




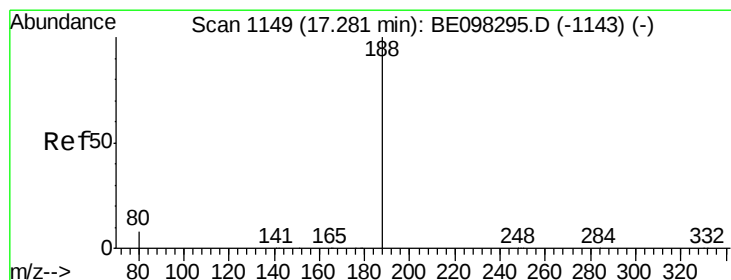
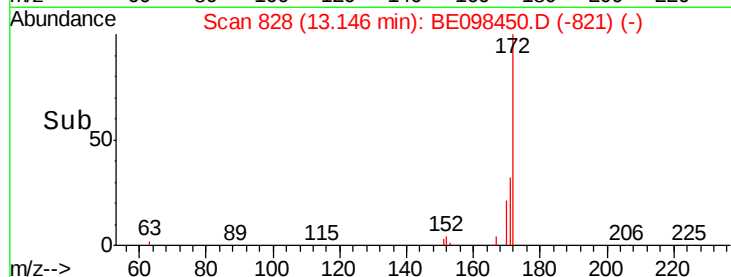
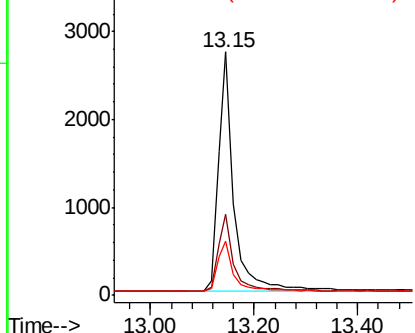
#15
2-Fluorobiphenyl
Concen: 0.548 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098450.D
Acq: 14 Dec 2018 00:00

Instrument :
BNA_G
ClientSampleId :
BPS1-TT-MW312S-20181210

Tgt Ion:172 Resp: 5784
Ion Ratio Lower Upper
172 100
171 33.1 27.5 41.3
170 22.1 19.6 29.4

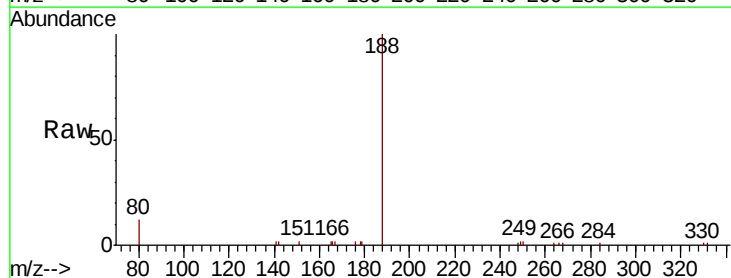


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

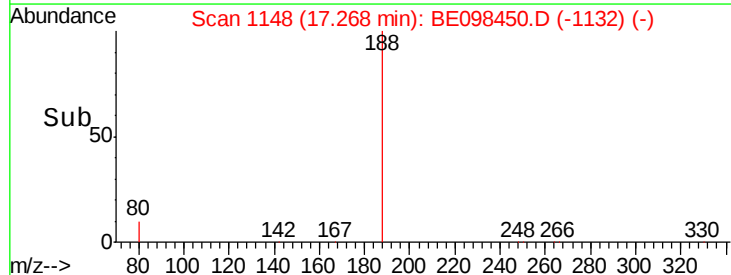
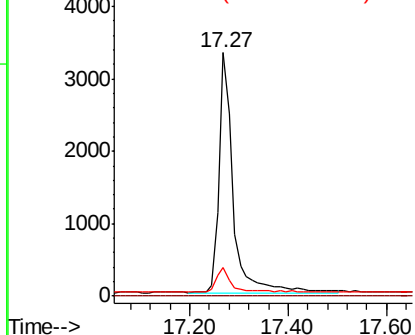


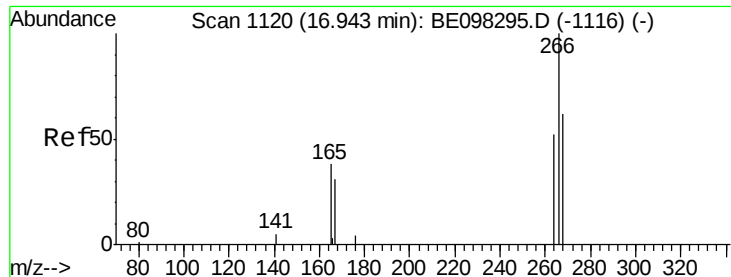
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098450.D
Acq: 14 Dec 2018 00:00

Tgt Ion:188 Resp: 6554
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 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

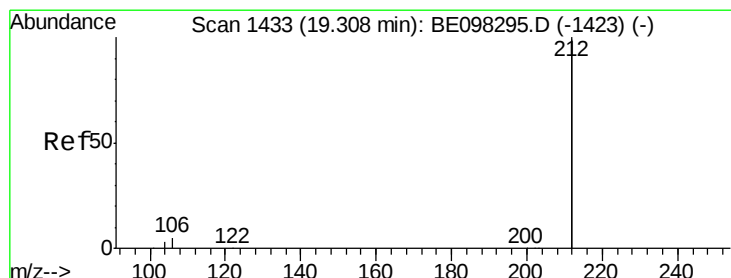
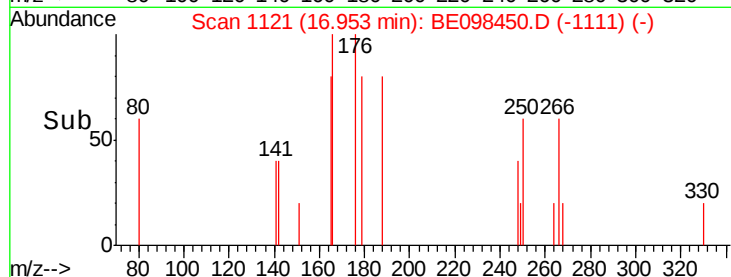
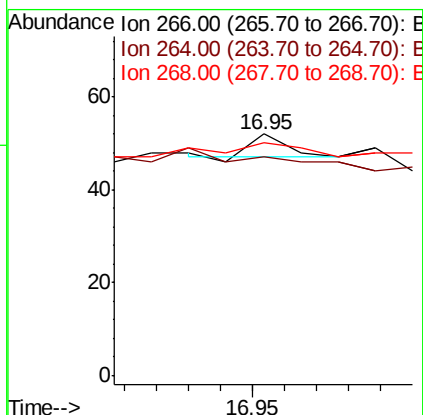
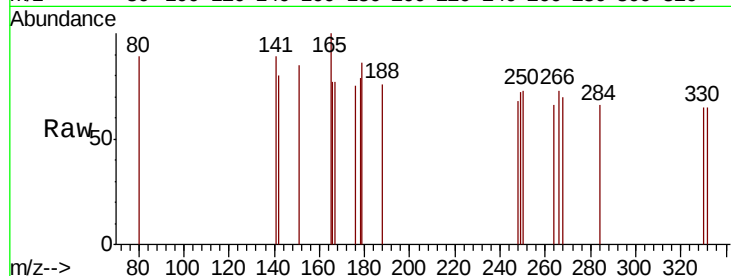




#22
 Pentachlorophenol
 Concen: 0.021 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098450.D
 Acq: 14 Dec 2018 00:00

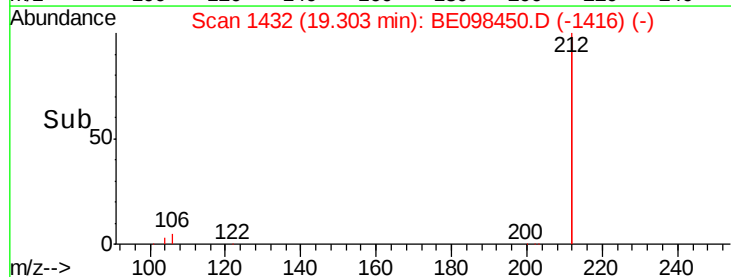
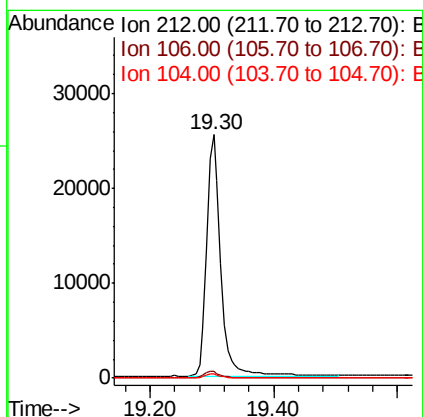
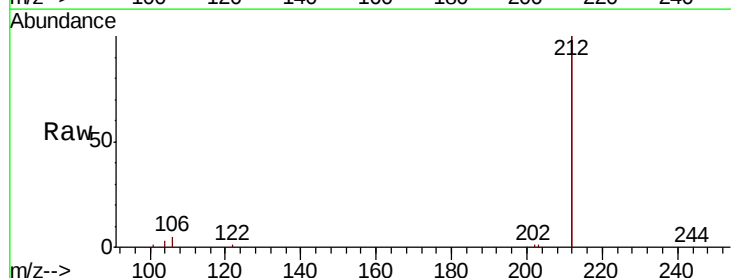
Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW312S-20181210

Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 90.4 59.0 88.4#
 268 96.2 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.482 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098450.D
 Acq: 14 Dec 2018 00:00

Tgt Ion:212 Resp: 40550
 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: BE098450.D

Acq: 14 Dec 2018 00:00

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312S-20181210

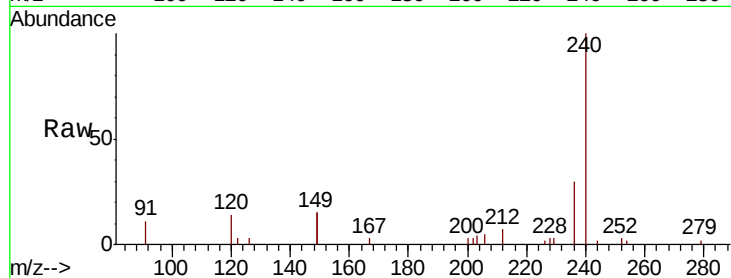
Tgt Ion:240 Resp: 7455

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

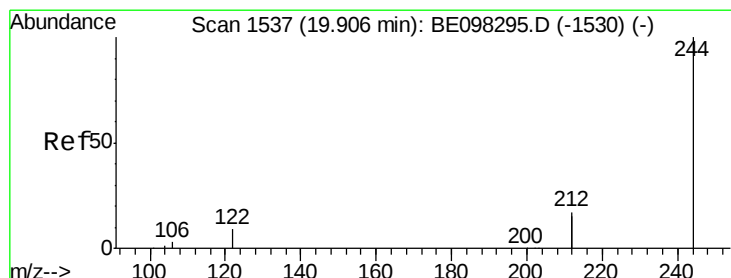
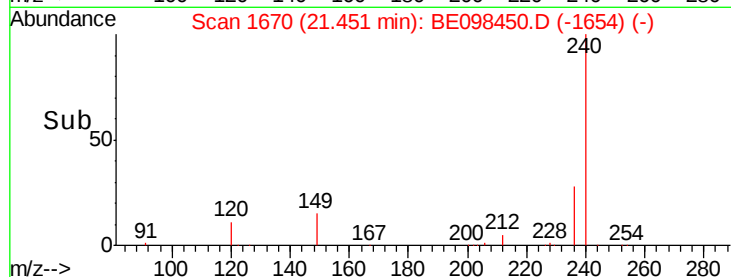
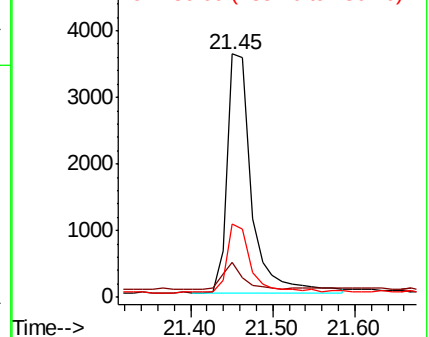
236 30.1 22.7 34.1



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: 0.540 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

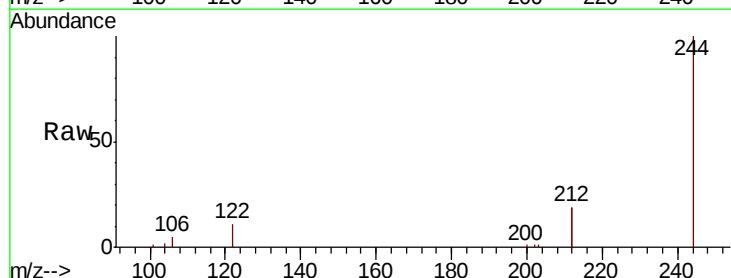
Tgt Ion:244 Resp: 9786

Ion Ratio Lower Upper

244 100

212 37.0 27.4 41.0

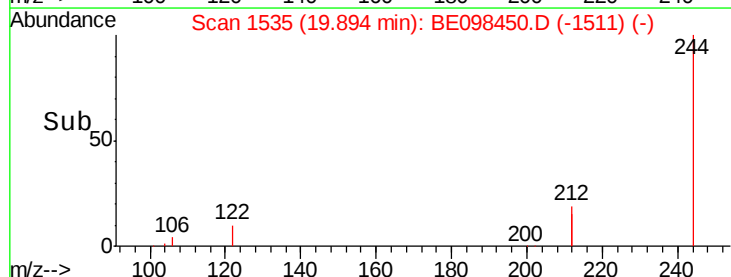
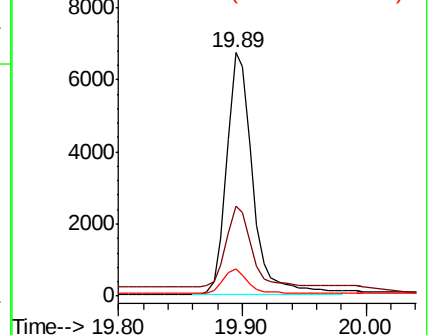
122 11.2 8.3 12.5



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: 0.066 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098450.D

Acq: 14 Dec 2018 00:00

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312S-20181210

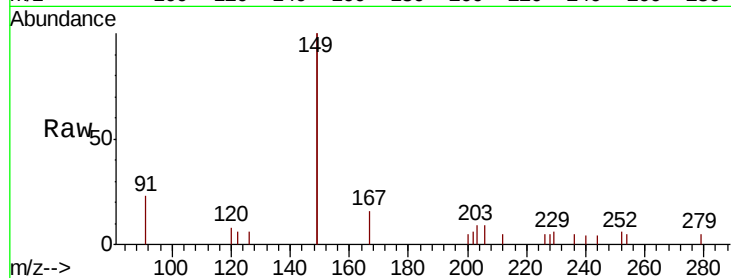
Tgt Ion:149 Resp: 2843

Ion Ratio Lower Upper

149 100

167 9.7 5.7 8.5#

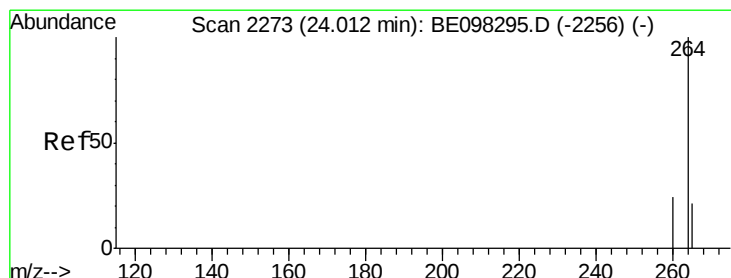
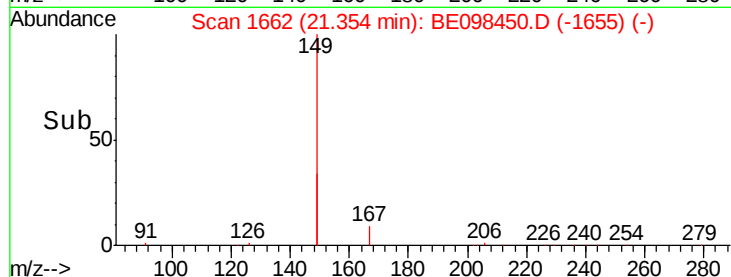
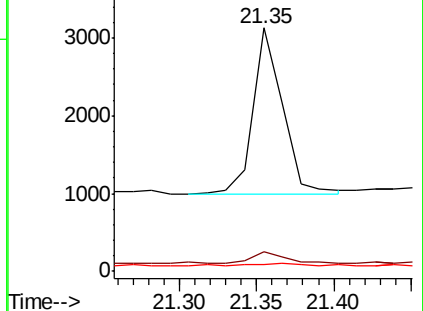
279 1.9 1.0 1.4#



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: BE098450.D

Acq: 14 Dec 2018 00:00

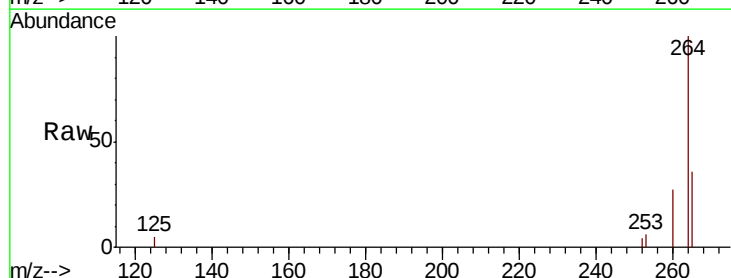
Tgt Ion:264 Resp: 7214

Ion Ratio Lower Upper

264 100

260 27.1 20.2 30.2

265 35.9 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

