

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098314.D
 Acq On : 11 Dec 2018 00:57
 Operator : SJ/JU
 Sample : J6250-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304I2-20181204

Quant Time: Dec 11 03:22:13 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	1473	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6209	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3987	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10604	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13142	0.40	ng	0.00
34) Perylene-d12	24.01	264	12337	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	594	0.17	ng	0.00
5) Phenol-d6	7.04	99	601	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	2259	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4302	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	615	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9724	0.58	ng	0.00
25) Fluoranthene-d10	19.31	212	65624	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	14665	0.46	ng	0.00

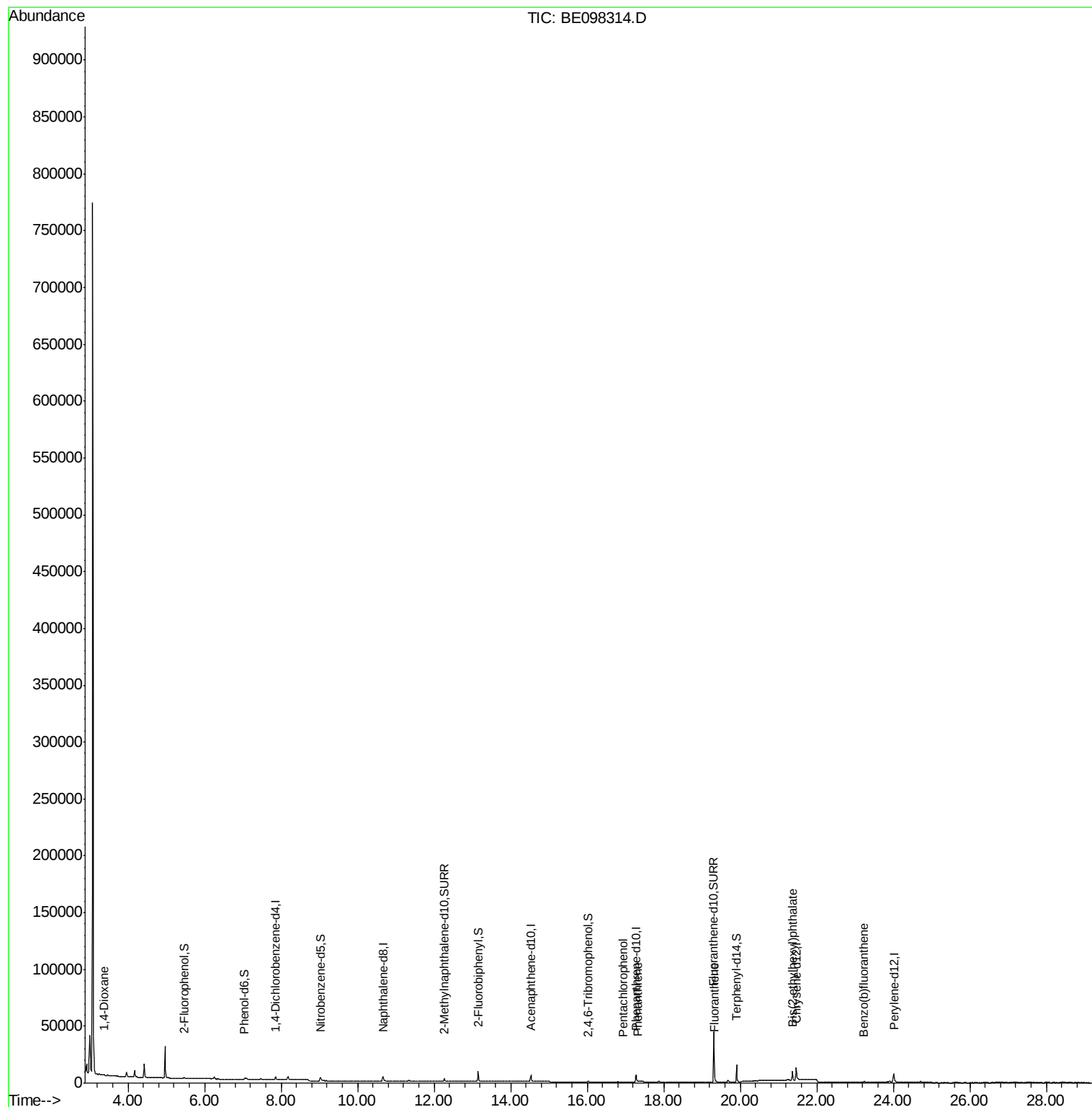
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	100	0.039	ng	# 1
22) Pentachlorophenol	16.94	266	29	0.047	ng	# 72
23) Phenanthrene	17.31	178	561	0.022	ng	# 78
26) Fluoranthene	19.34	202	1041	0.031	ng	96
32) Bis(2-ethylhexyl)phthalate	21.37	149	9206	0.121	ng	100
35) Benzo(b)fluoranthene	23.24	252	783	0.023	ng	# 1

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

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Operator : SJ/JU
Sample : J6250-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30412-20181204

Quant Time: Dec 11 03:22:13 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



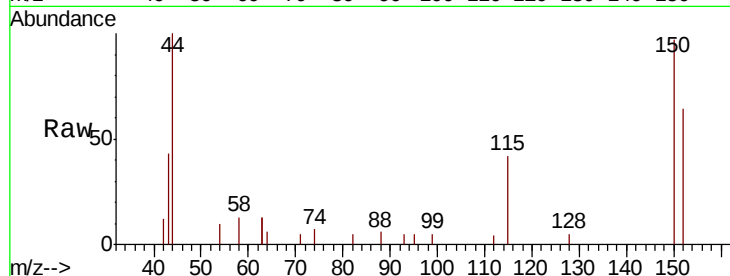


#1

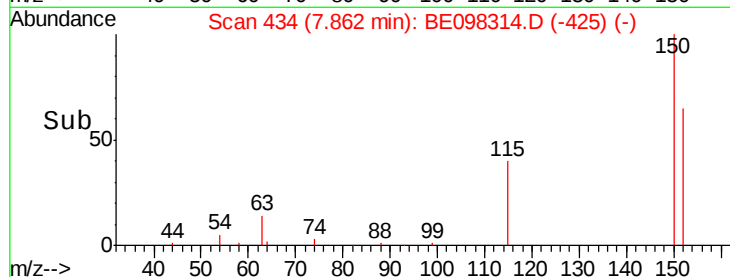
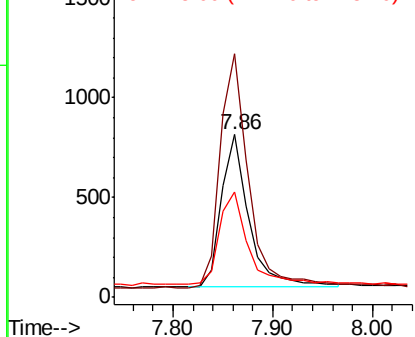
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098314.D
Acq: 11 Dec 2018 00:57

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30412-20181204

Tgt Ion:152 Resp: 1473
Ion Ratio Lower Upper
152 100
150 150.0 124.2 186.4
115 64.6 53.9 80.9



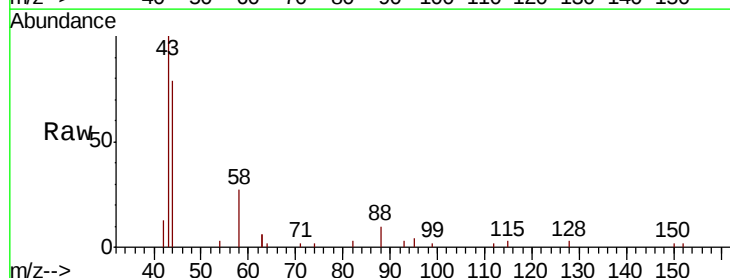
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



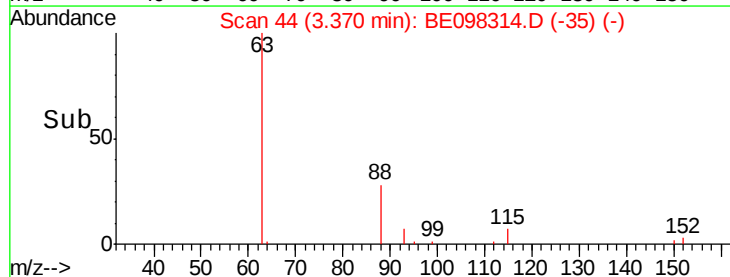
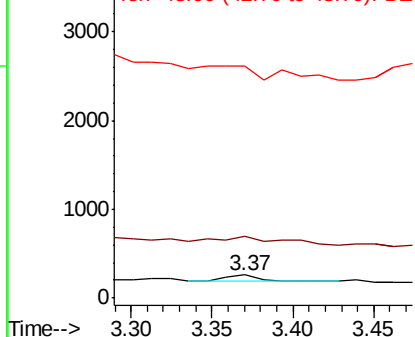
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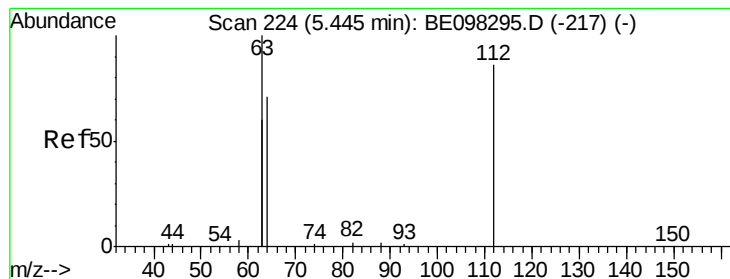
1,4-Dioxane
Concen: 0.039 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098314.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
58 317.0 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





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20181204

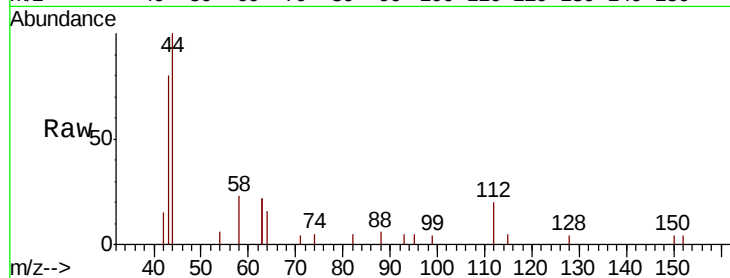
Tgt Ion: 112 Resp: 594

Ion Ratio Lower Upper

112 100

64 80.3 59.8 89.8

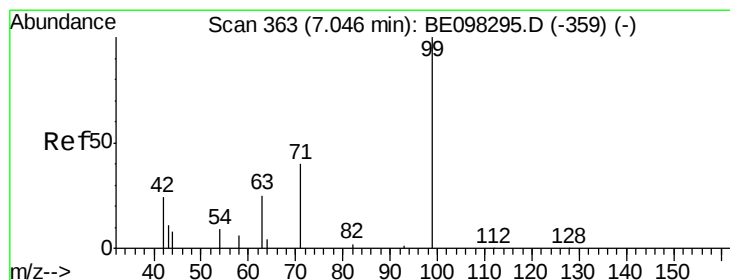
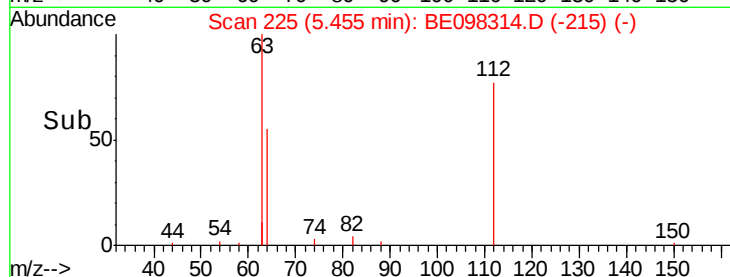
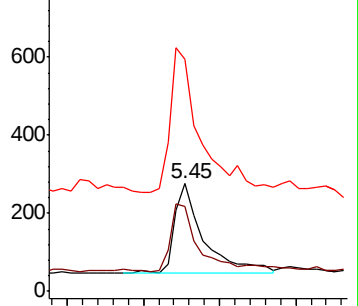
63 175.4 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.123 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

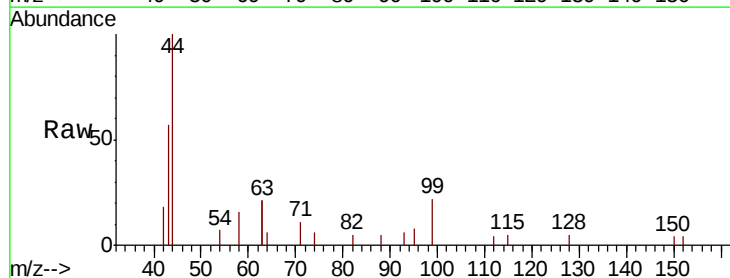
Tgt Ion: 99 Resp: 601

Ion Ratio Lower Upper

99 100

42 49.3 26.3 39.5#

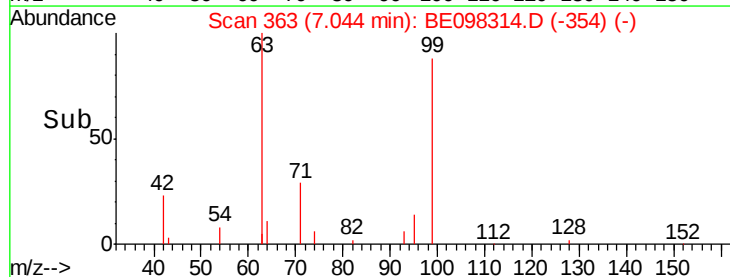
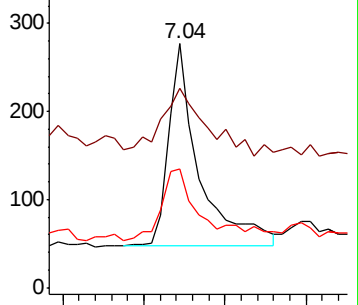
71 48.4 33.6 50.4

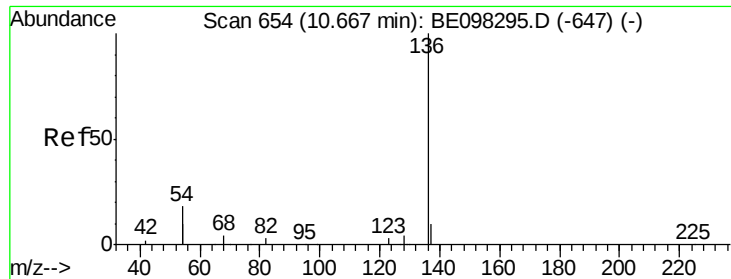


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098314.D

Acq: 11 Dec 2018 00:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20181204

Tgt Ion: 136 Resp: 6209

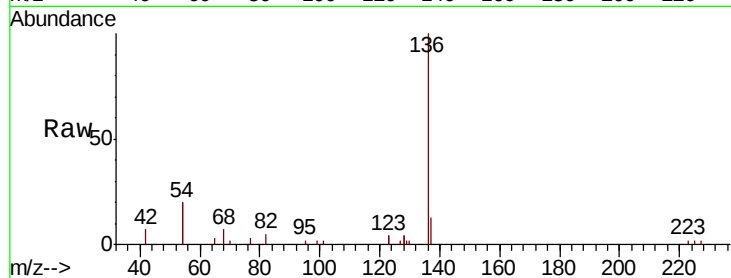
Ion Ratio Lower Upper

136 100

137 13.0 9.2 13.8

54 39.6 28.4 42.6

68 6.9 5.4 8.0

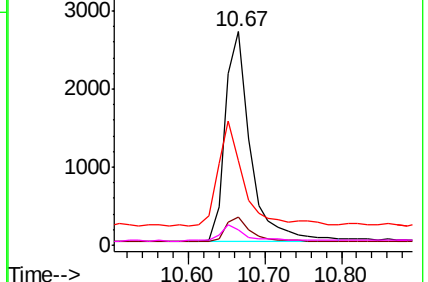
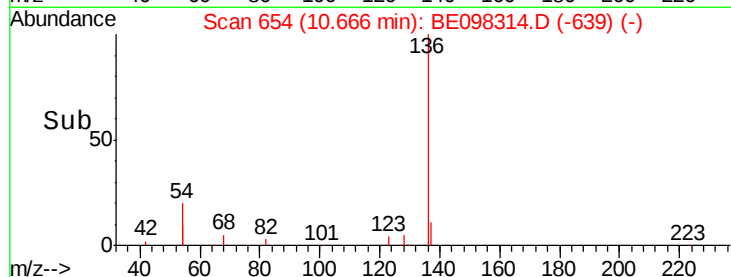


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

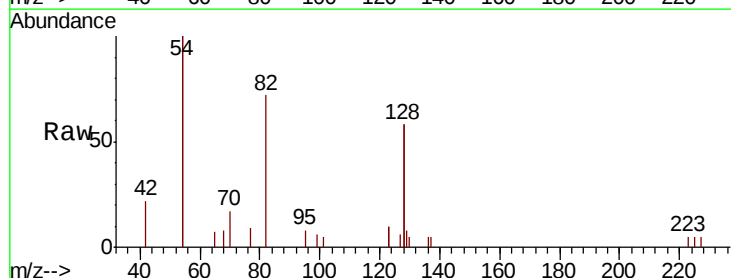
Tgt Ion: 82 Resp: 2259

Ion Ratio Lower Upper

82 100

128 161.2 102.4 153.6#

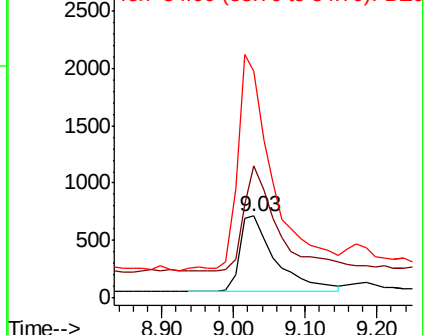
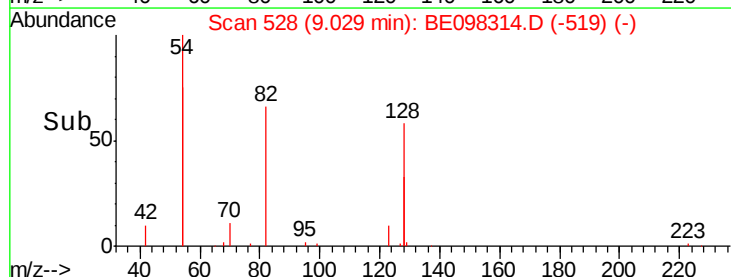
54 277.4 221.8 332.8



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: 0.426 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

Instrument :

BNA_E

ClientSampleId :

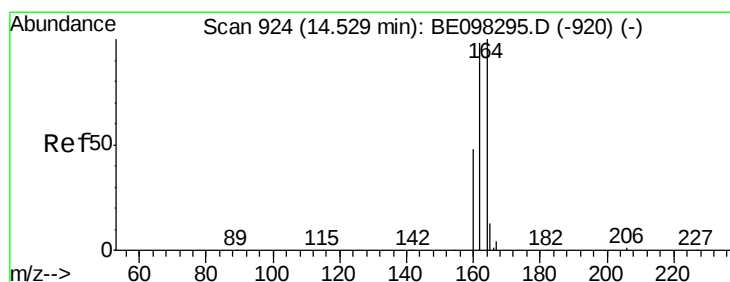
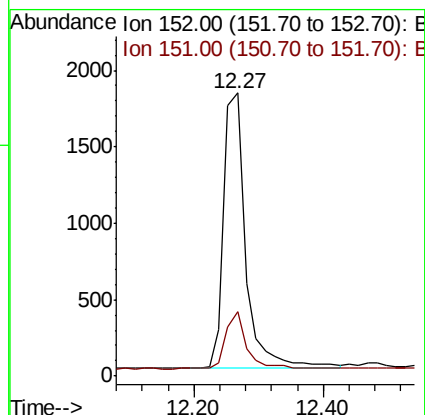
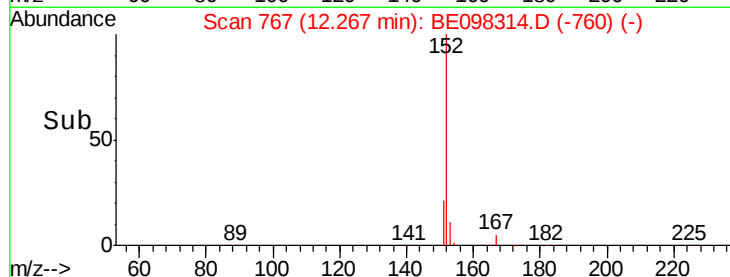
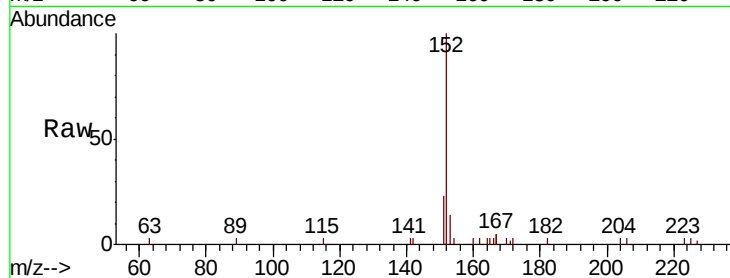
BPS1-TT-MW30412-20181204

Tgt Ion:152 Resp: 4302

Ion Ratio Lower Upper

152 100

151 19.2 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: BE098314.D

Acq: 11 Dec 2018 00:57

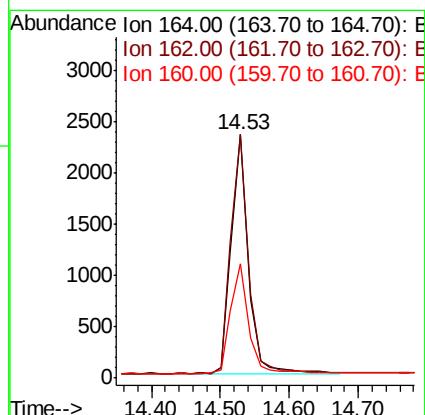
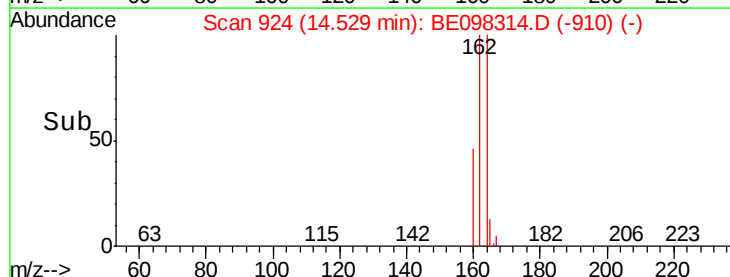
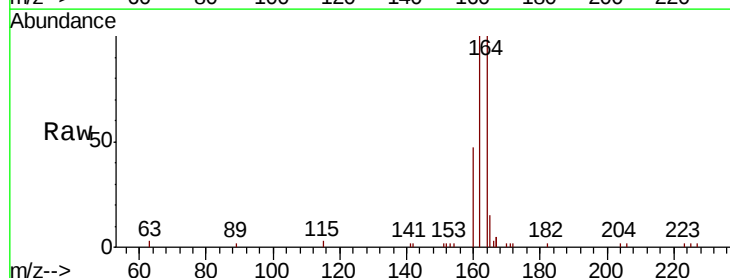
Tgt Ion:164 Resp: 3987

Ion Ratio Lower Upper

164 100

162 100.1 77.6 116.4

160 46.9 36.0 54.0

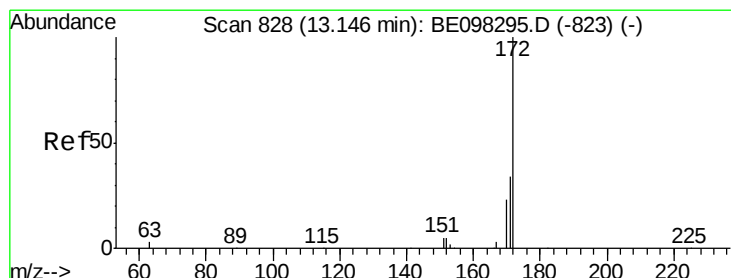
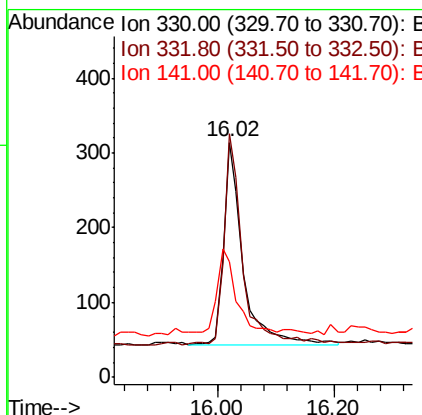
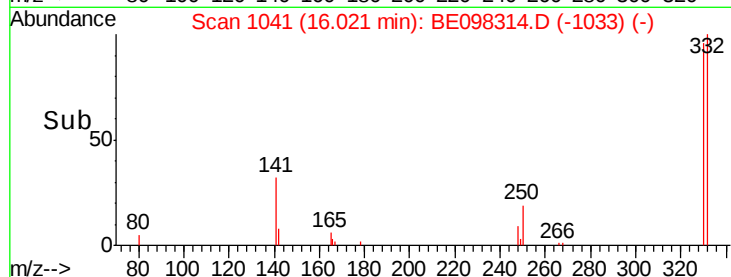
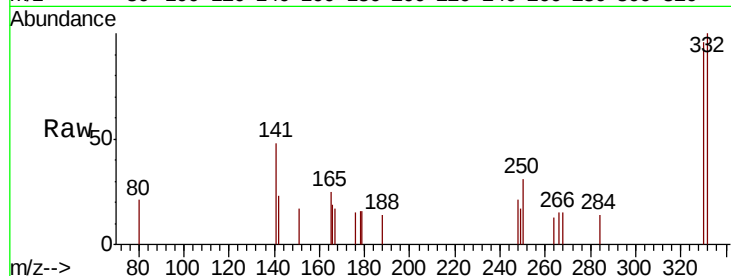




#14
 2,4,6-Tribromophenol
 Concen: 0.420 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098314.D
 Acq: 11 Dec 2018 00:57

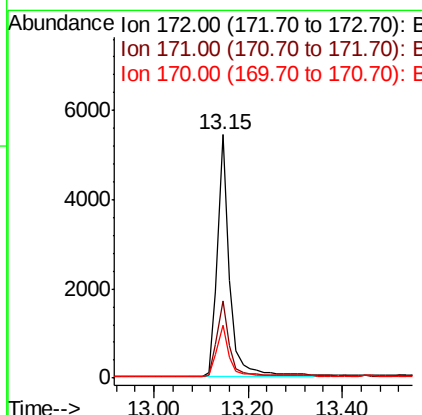
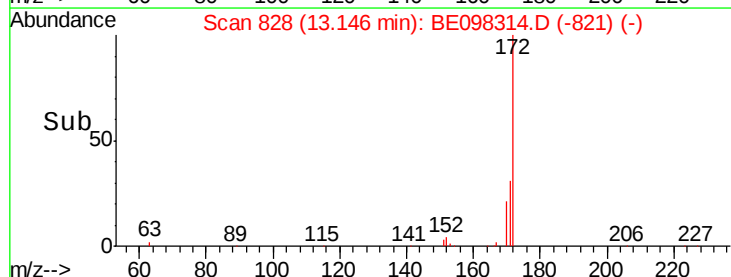
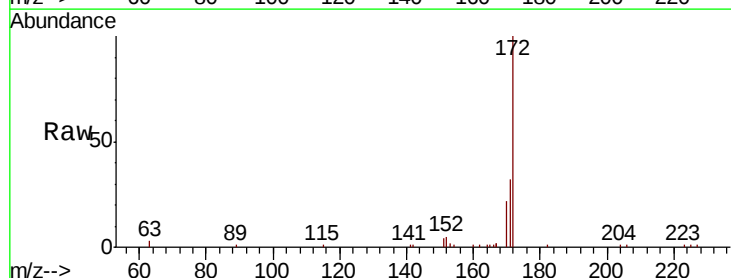
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30412-20181204

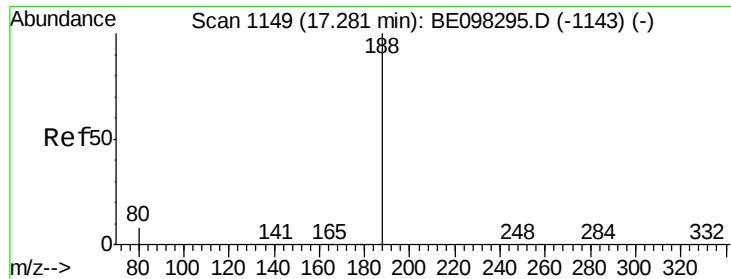
Tgt Ion: 330 Resp: 615
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.2 114.4
 141 39.5 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.578 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098314.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 172 Resp: 9724
 Ion Ratio Lower Upper
 172 100
 171 31.8 27.5 41.3
 170 21.9 19.6 29.4

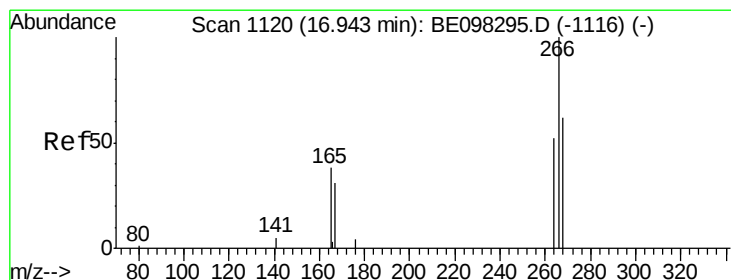
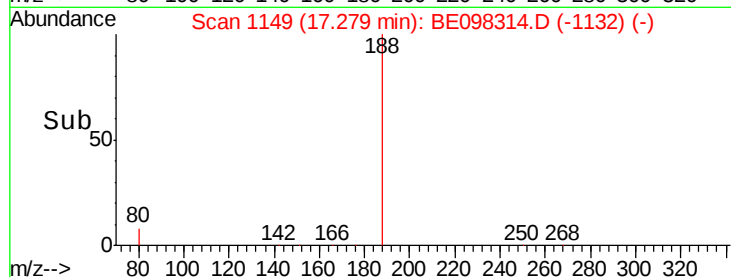
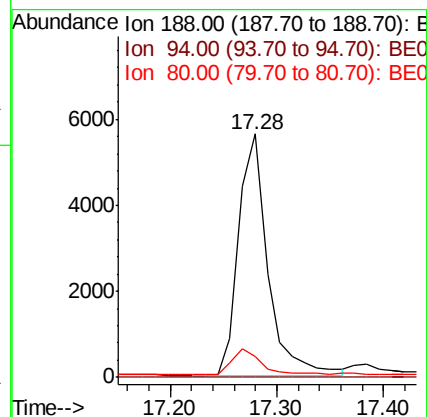
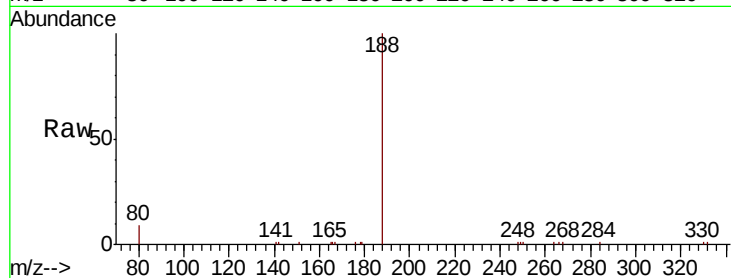




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098314.D
Acq: 11 Dec 2018 00:57

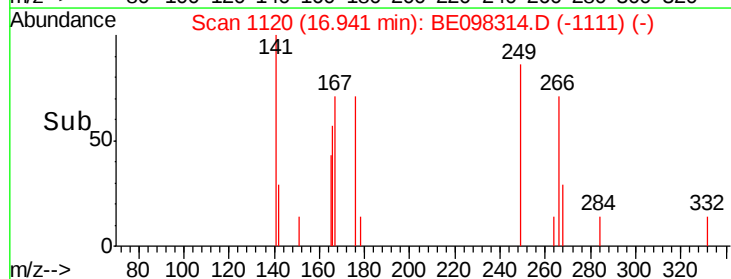
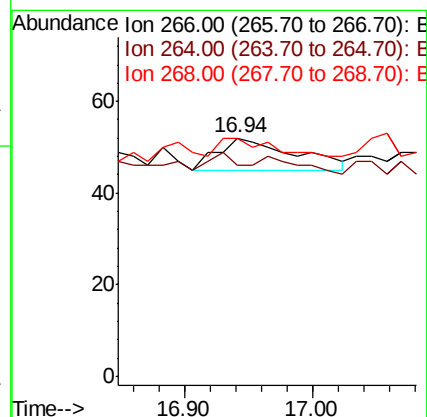
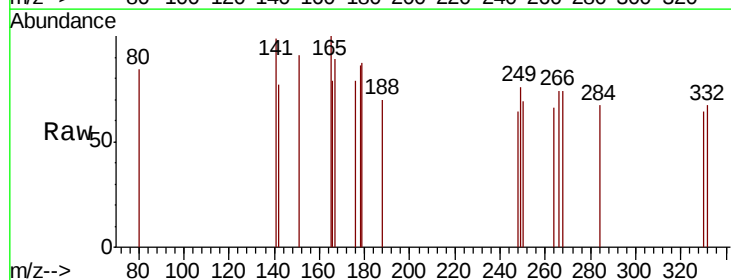
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30412-20181204

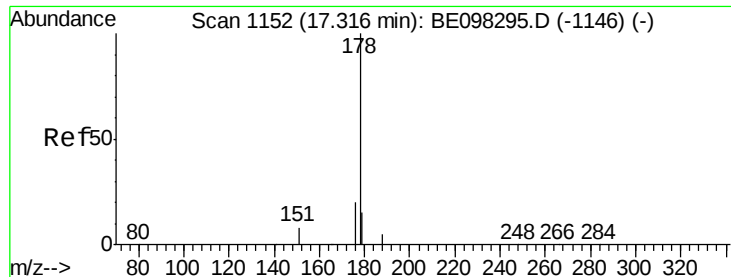
Tgt Ion:188 Resp: 10604
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 7.2 10.8



#22
Pentachlorophenol
Concen: 0.047 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098314.D
Acq: 11 Dec 2018 00:57

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 88.5 59.0 88.4#
268 100.0 55.1 82.7#





#23

Phenanthrene

Concen: 0.022 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20181204

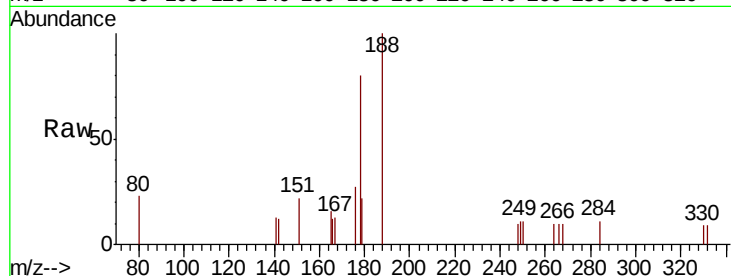
Tgt Ion:178 Resp: 561

Ion Ratio Lower Upper

178 100

176 28.3 15.9 23.9#

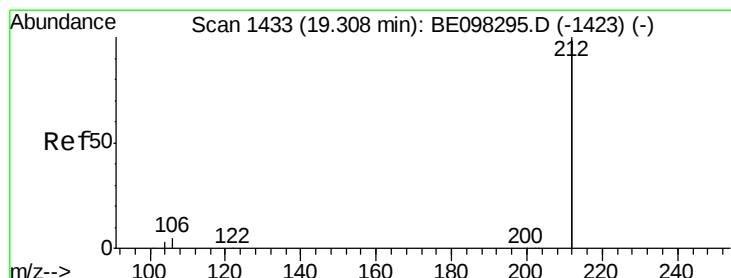
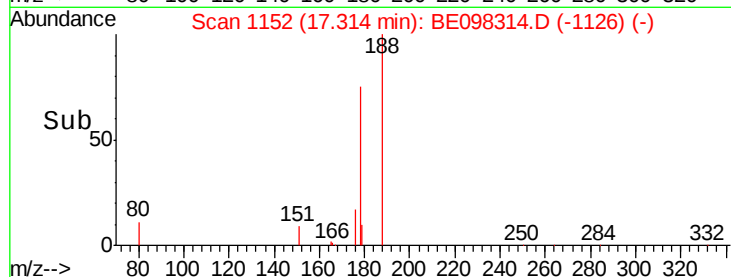
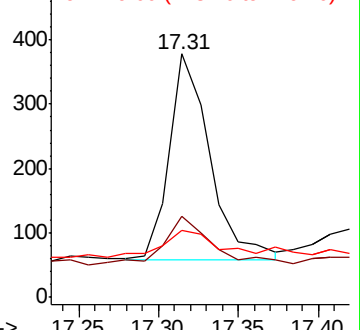
179 26.7 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.482 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

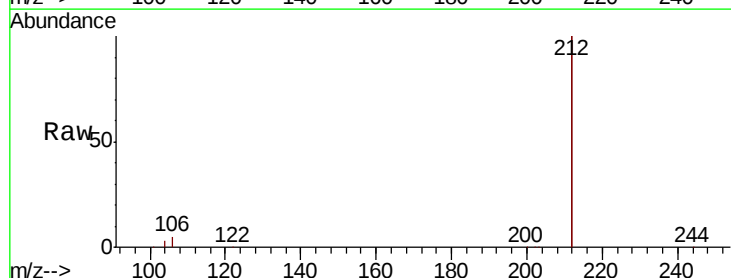
Tgt Ion:212 Resp: 65624

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

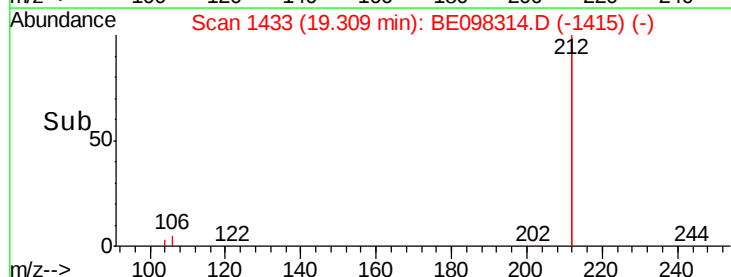
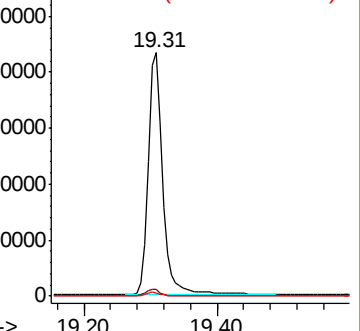
104 1.5 1.3 1.9

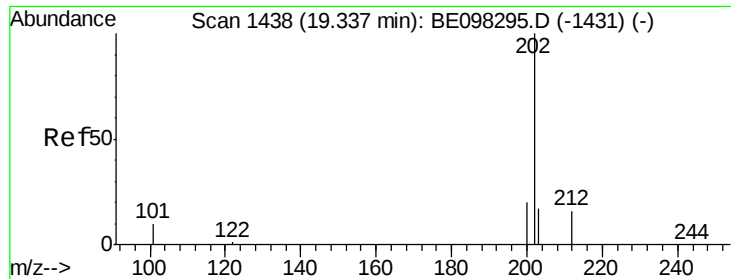


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

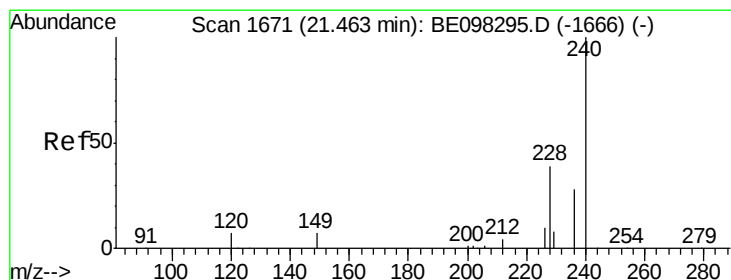
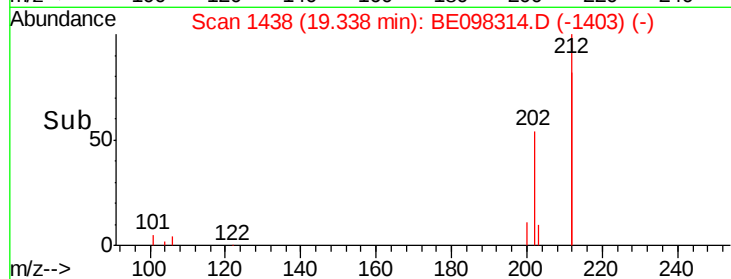
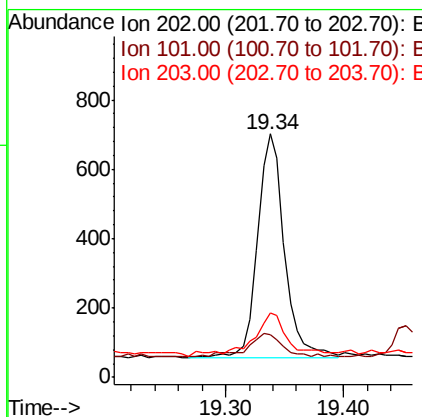
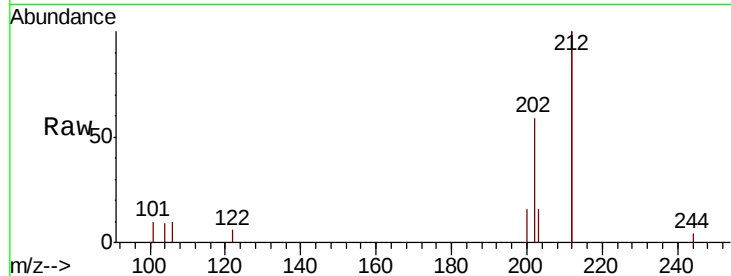




#26
 Fluoranthene
 Concen: 0.031 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE098314.D
 Acq: 11 Dec 2018 00:57

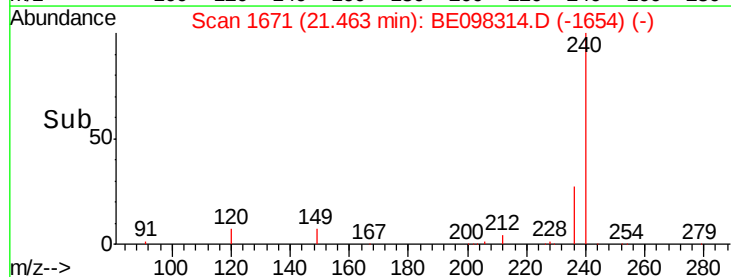
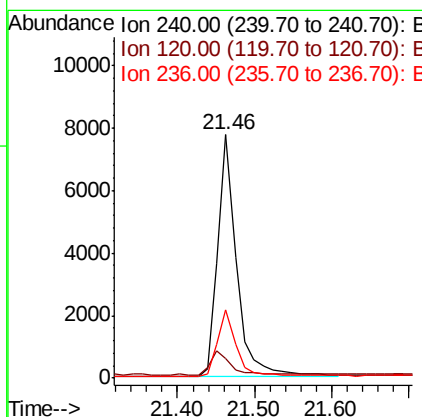
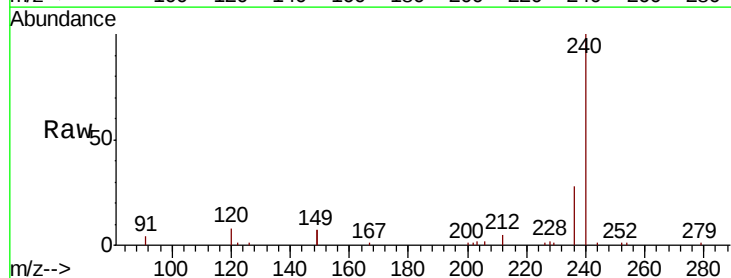
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30412-20181204

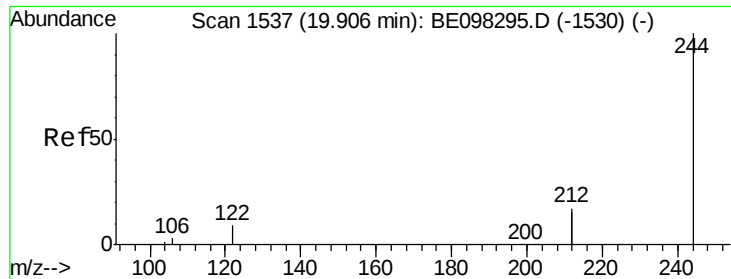
Tgt Ion: 202 Resp: 1041
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.0 12.0
 203 19.0 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098314.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 240 Resp: 13142
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.5 14.3#
 236 27.9 22.7 34.1





#29

Terphenyl-d14

Concen: 0.459 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20181204

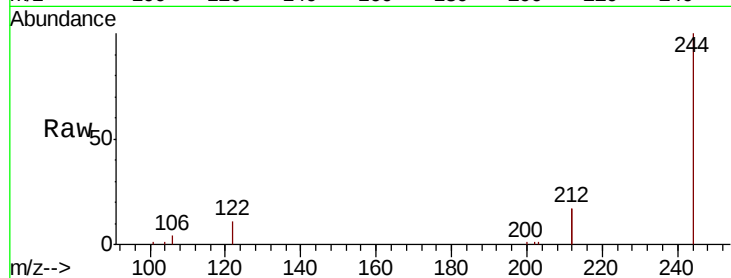
Tgt Ion:244 Resp: 14665

Ion Ratio Lower Upper

244 100

212 33.8 27.4 41.0

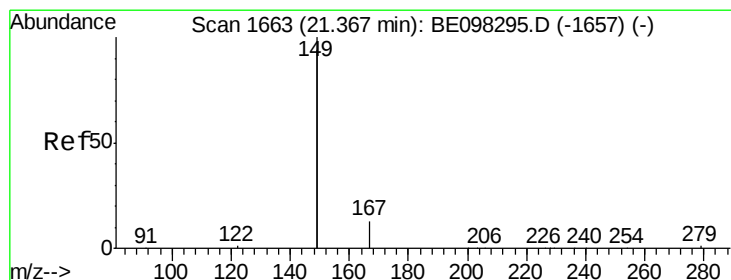
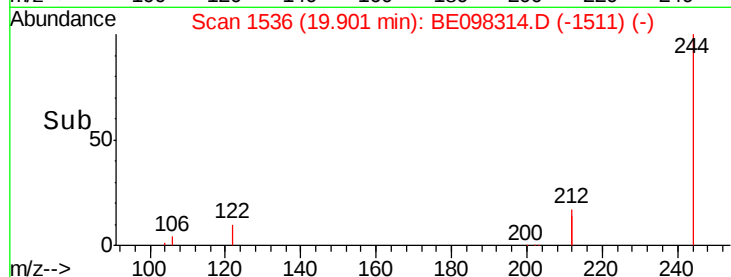
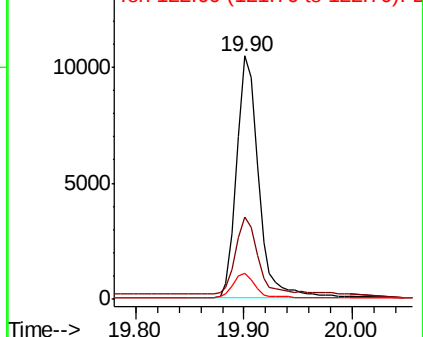
122 10.8 8.3 12.5



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: 0.121 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098314.D

Acq: 11 Dec 2018 00:57

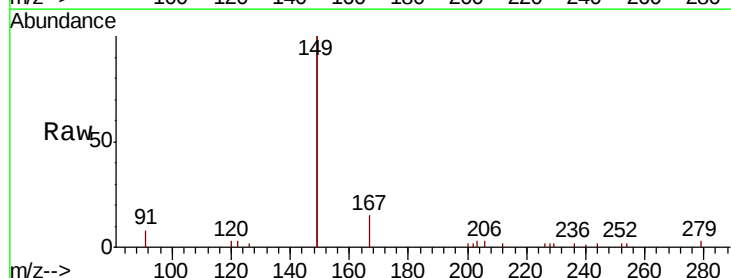
Tgt Ion:149 Resp: 9206

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

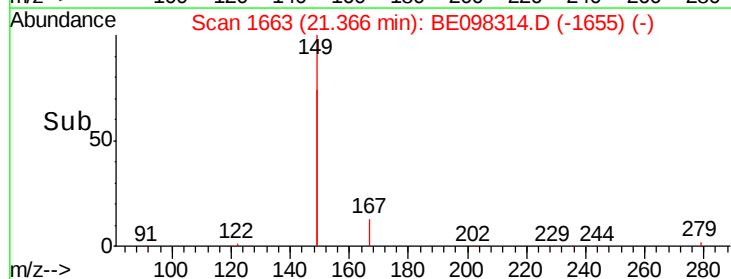
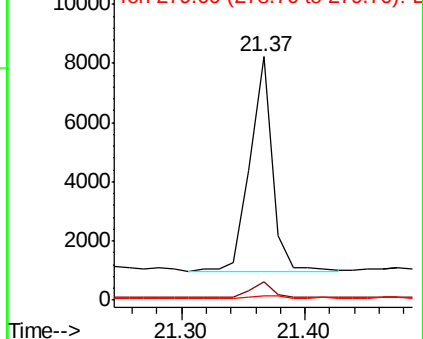
279 1.4 1.0 1.4

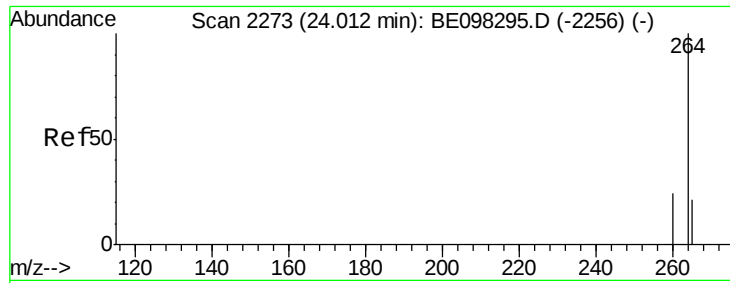


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

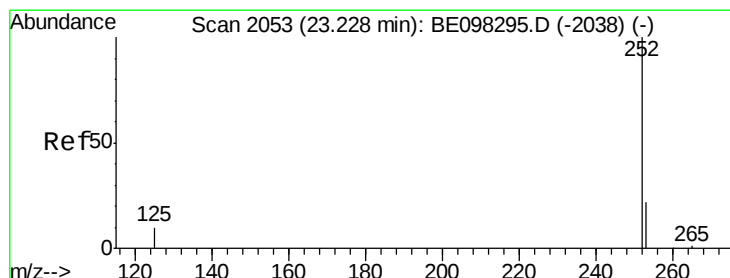
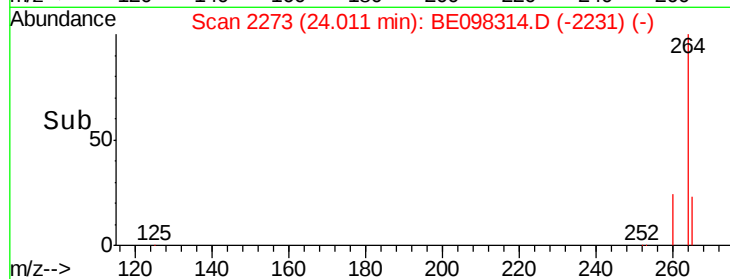
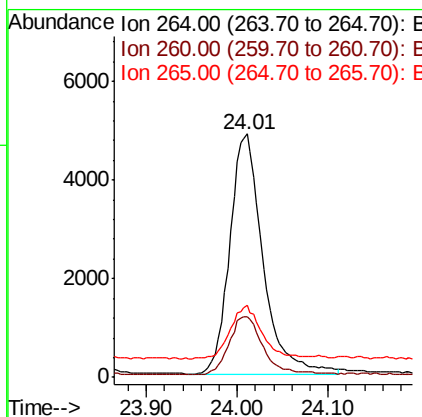
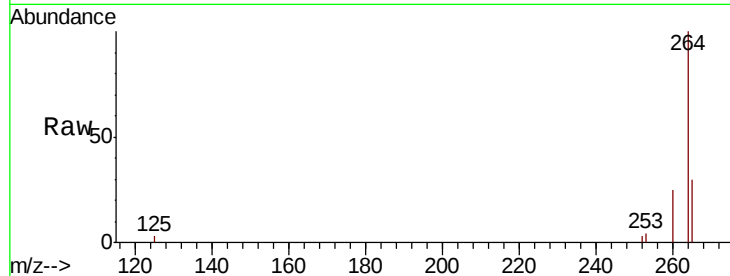




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098314.D
 Acq: 11 Dec 2018 00:57

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30412-20181204

Tgt Ion: 264 Resp: 12337
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.2
 265 29.7 25.2 37.8



#35
 Benzo(b)fluoranthene
 Concen: 0.023 ng
 RT: 23.24 min Scan# 2056
 Delta R.T. 0.01 min
 Lab File: BE098314.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 252 Resp: 783
 Ion Ratio Lower Upper
 252 100
 253 74.0 20.0 30.0#
 125 104.4 9.6 14.4#

