

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121818\
 Data File : BE098519.D
 Acq On : 18 Dec 2018 19:04
 Operator : SJ/JU
 Sample : J6358-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20181211

Quant Time: Dec 19 00:02:34 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	955	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	4609	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3305	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	7941	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8940	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8493	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	520	0.23	ng	0.00
5) Phenol-d6	7.04	99	467	0.15	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1415	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	3126	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	702	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	7210	0.52	ng	-0.01
25) Fluoranthene-d10	19.30	212	41243	0.40	ng	-0.01
29) Terphenyl-d14	19.89	244	10790	0.50	ng	-0.02

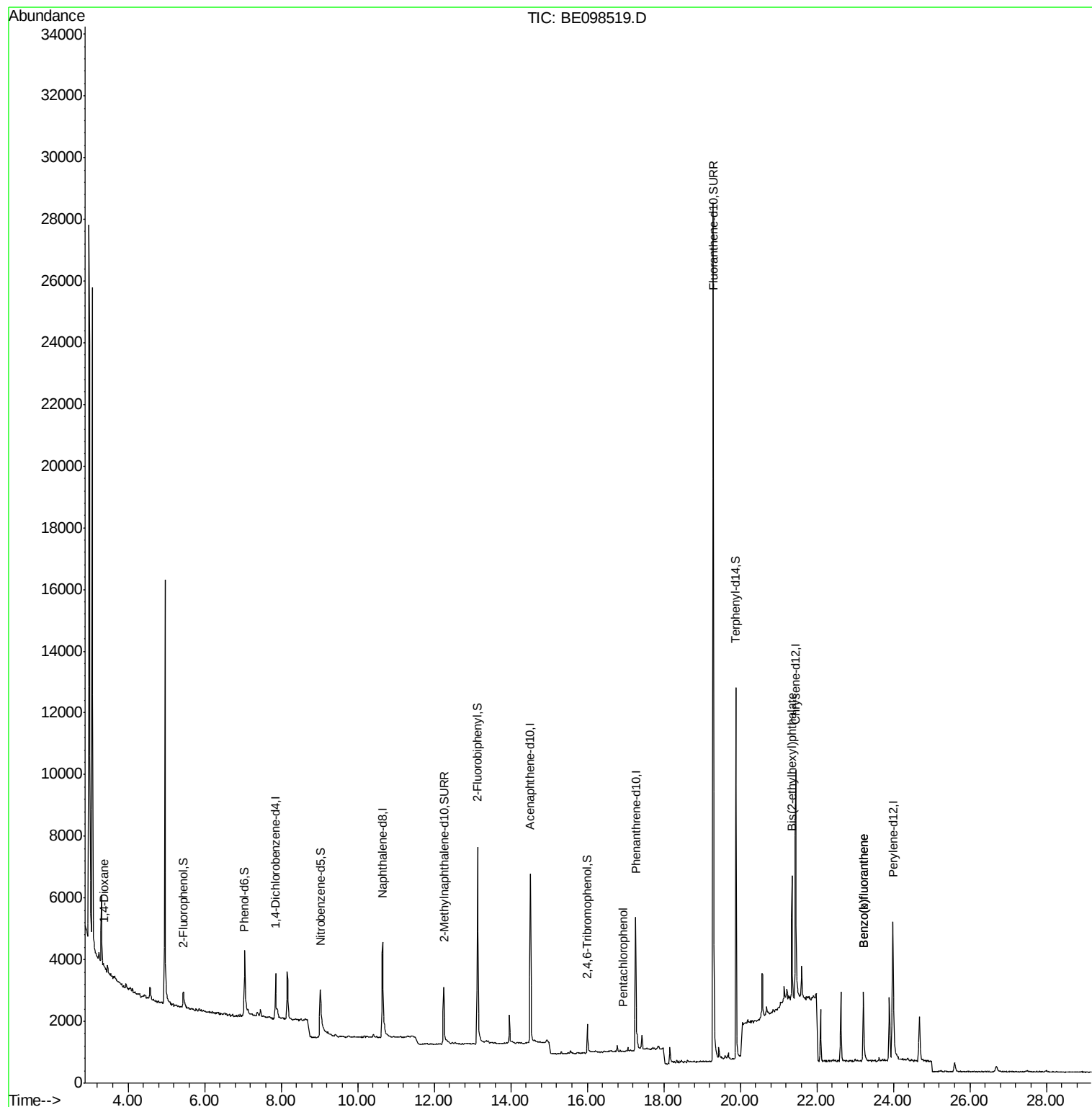
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	57	0.035	ng	# 12
22) Pentachlorophenol	16.93	266	3	0.020	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.35	149	5364	0.104	ng	# 99
35) Benzo(b)fluoranthene	23.22	252	636	0.027	ng	# 1
36) Benzo(k)fluoranthene	23.22	252	636	0.024	ng	# 1

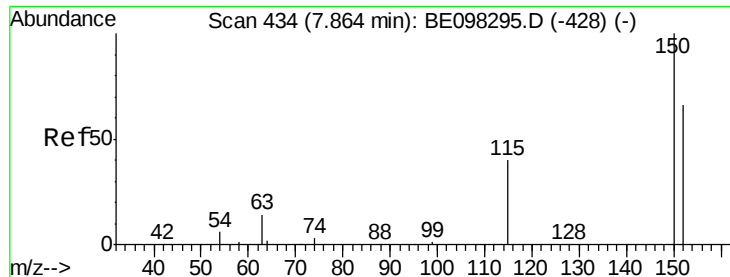
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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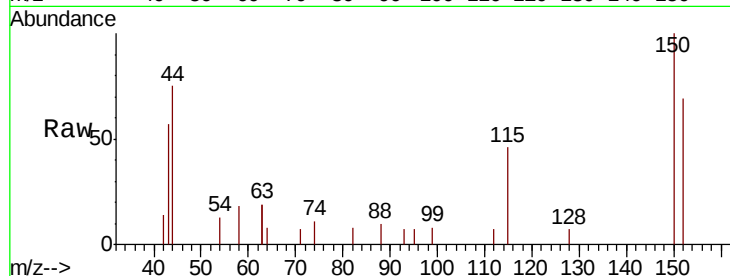


#1

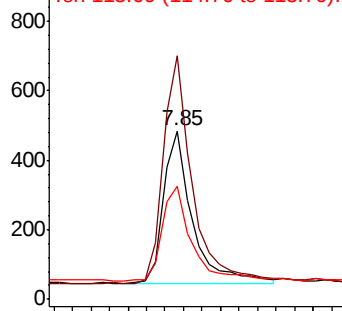
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098519.D
Acq: 18 Dec 2018 19:04

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW02-20181211

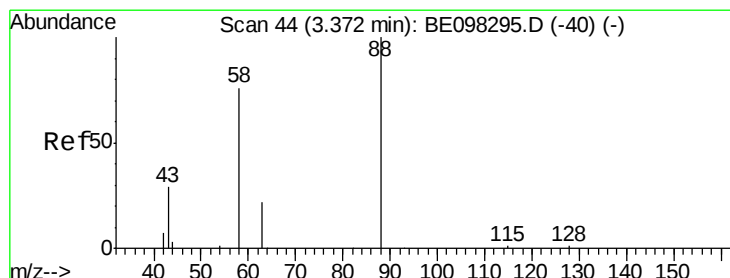
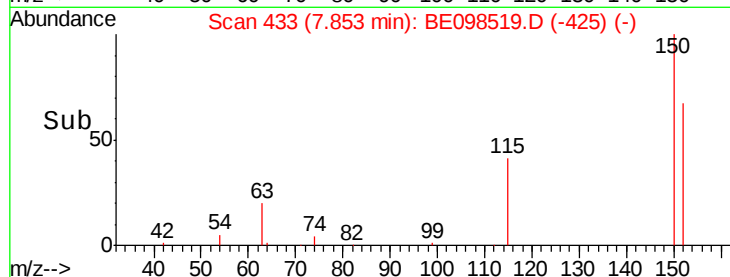
Tgt Ion: 152 Resp: 955
Ion Ratio Lower Upper
152 100
150 144.5 124.2 186.4
115 66.8 53.9 80.9



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



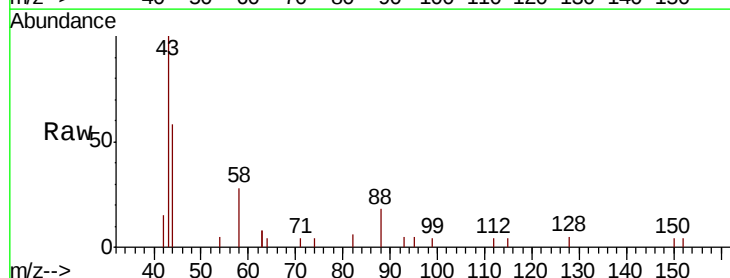
Time-->



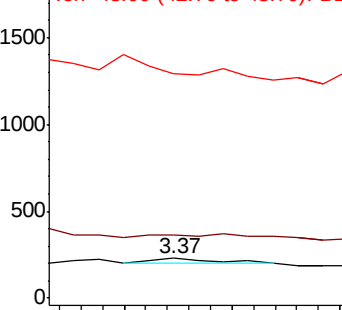
#2

1,4-Dioxane
Concen: 0.035 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098519.D
Acq: 18 Dec 2018 19:04

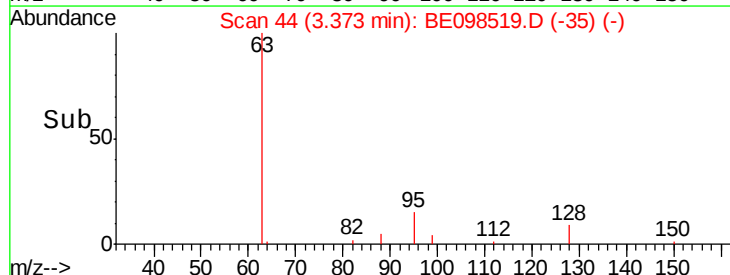
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 0.0 75.0 112.6#
43 0.0 38.3 57.5#

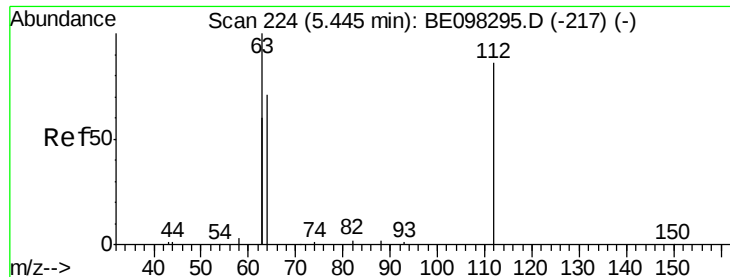


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.233 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20181211

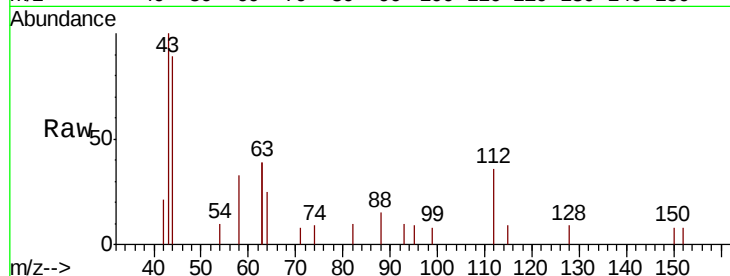
Tgt Ion: 112 Resp: 520

Ion Ratio Lower Upper

112 100

64 69.8 59.8 89.8

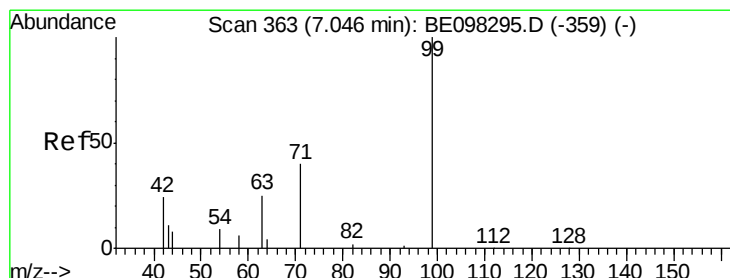
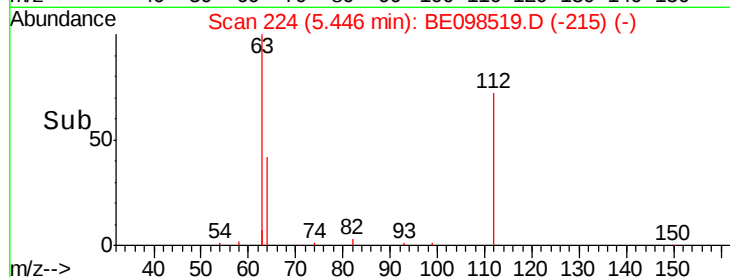
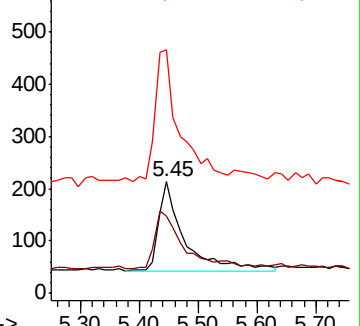
63 141.3 133.7 200.5



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: 0.148 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

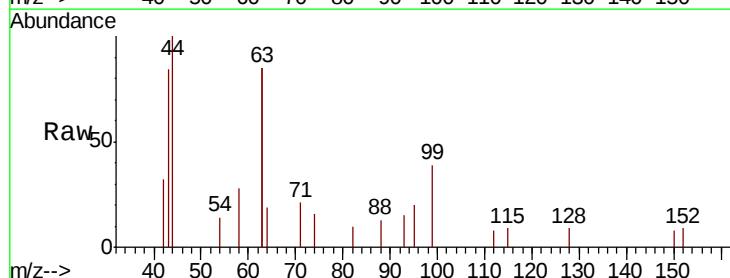
Tgt Ion: 99 Resp: 467

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

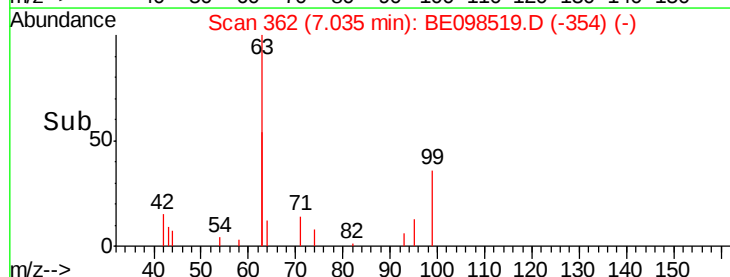
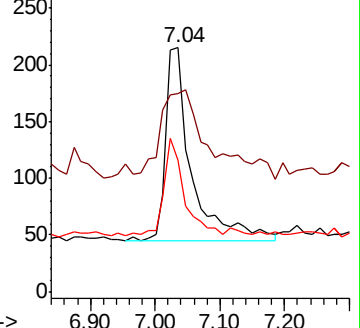
71 40.5 33.6 50.4

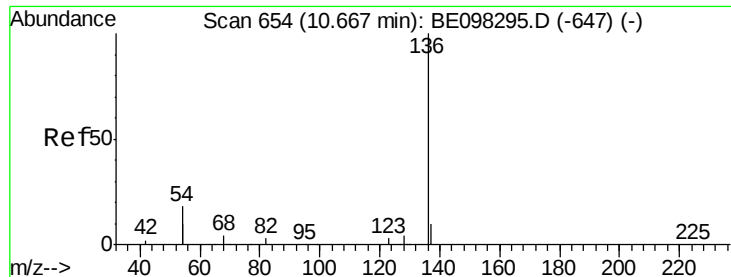


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20181211

Tgt Ion: 136 Resp: 4609

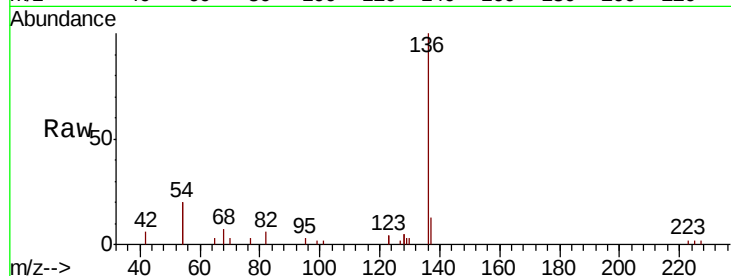
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 40.7 28.4 42.6

68 7.2 5.4 8.0

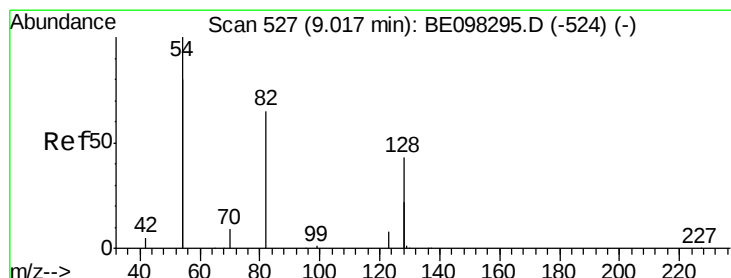
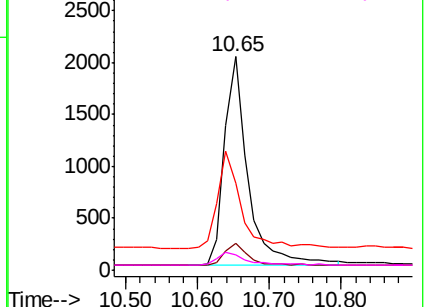
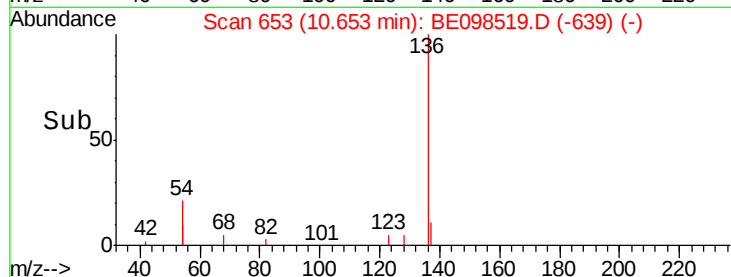


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.337 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

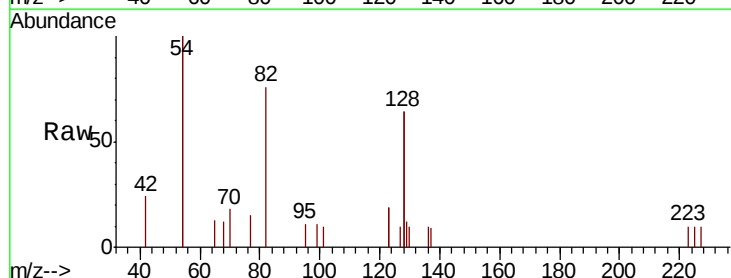
Tgt Ion: 82 Resp: 1415

Ion Ratio Lower Upper

82 100

128 168.7 102.4 153.6#

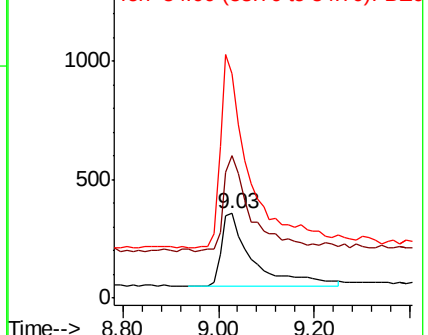
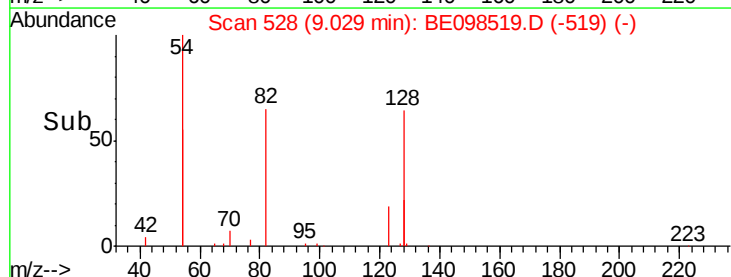
54 264.8 221.8 332.8

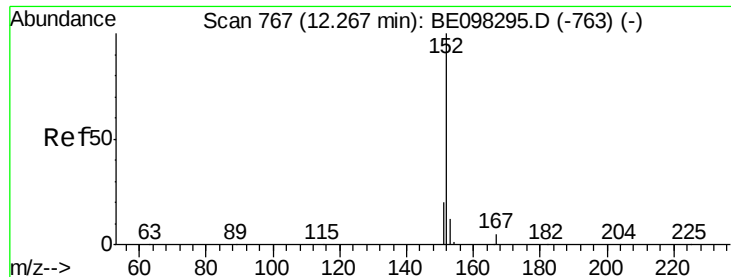


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

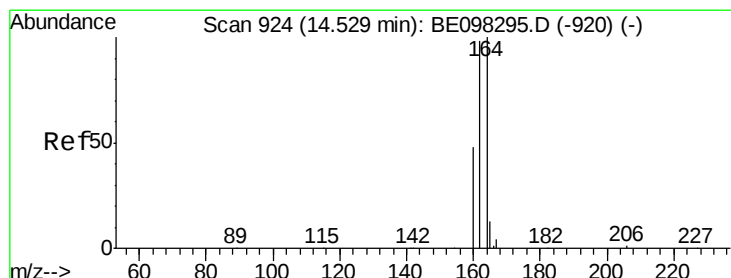
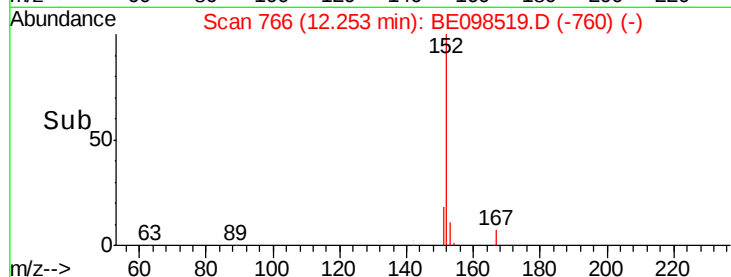
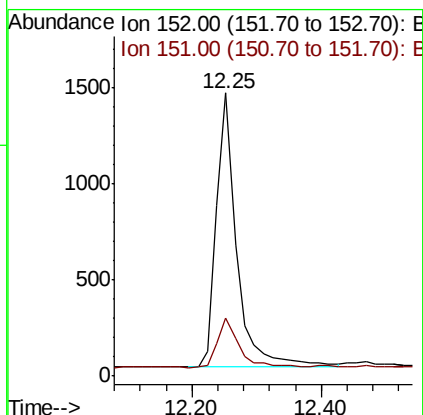
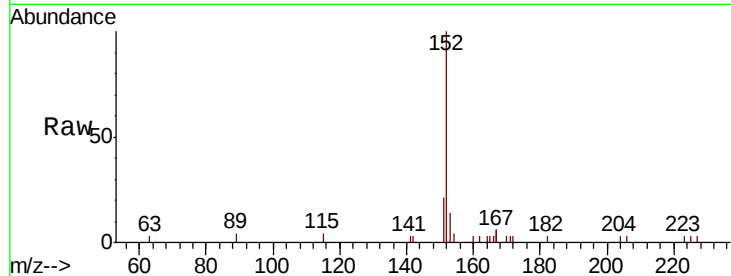




#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098519.D
 Acq: 18 Dec 2018 19:04

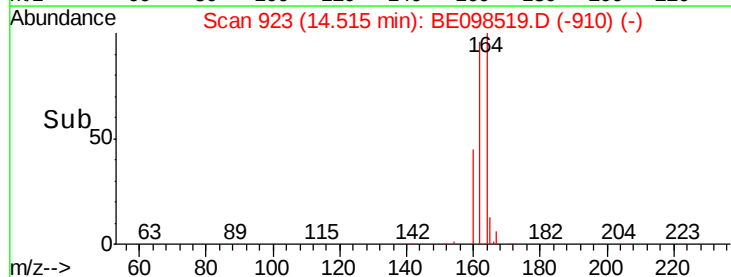
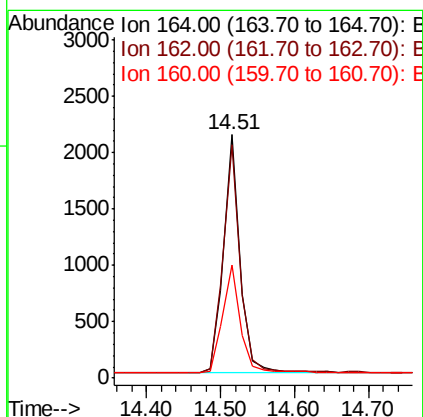
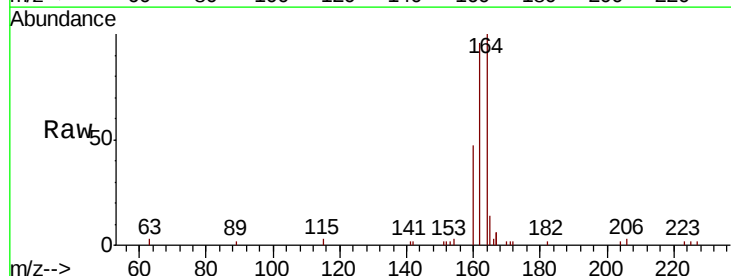
Instrument :
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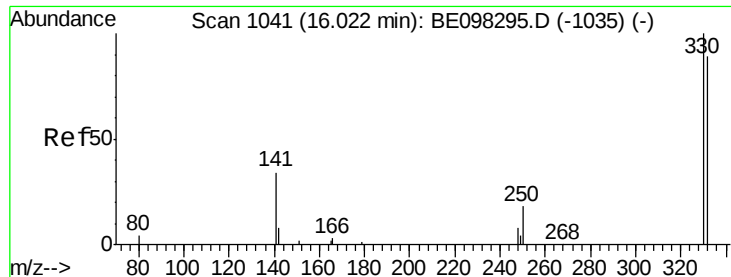
Tgt Ion:152 Resp: 3126
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098519.D
 Acq: 18 Dec 2018 19:04

Tgt Ion:164 Resp: 3305
 Ion Ratio Lower Upper
 164 100
 162 95.7 77.6 116.4
 160 46.6 36.0 54.0

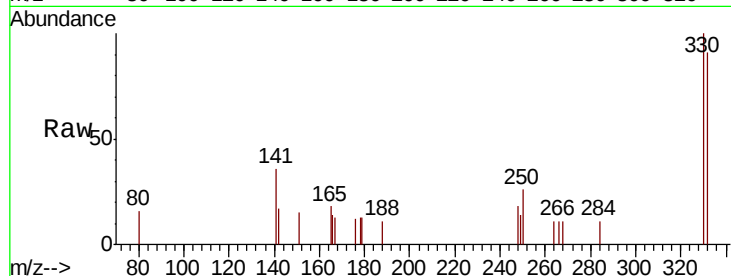




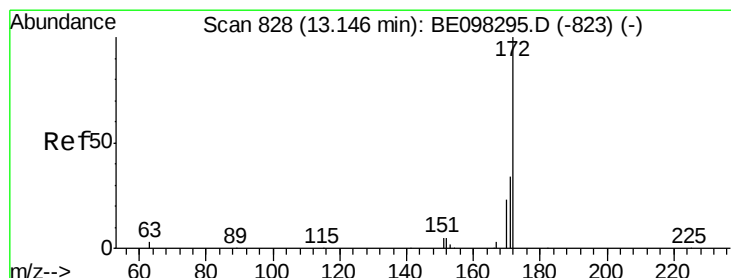
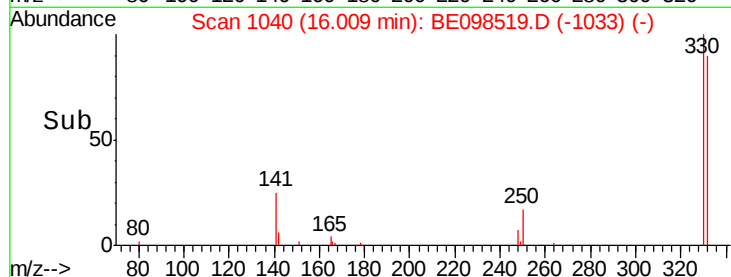
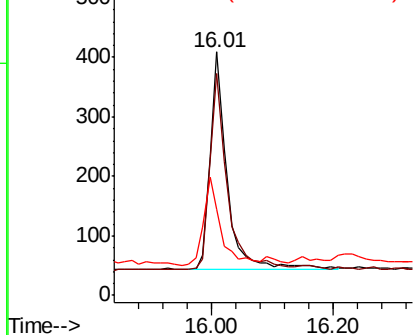
#14
 2,4,6-Tribromophenol
 Concen: 0.579 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098519.D
 Acq: 18 Dec 2018 19:04

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20181211

Tgt Ion: 330 Resp: 702
 Ion Ratio Lower Upper
 330 100
 332 92.3 76.2 114.4
 141 41.3 39.0 58.4

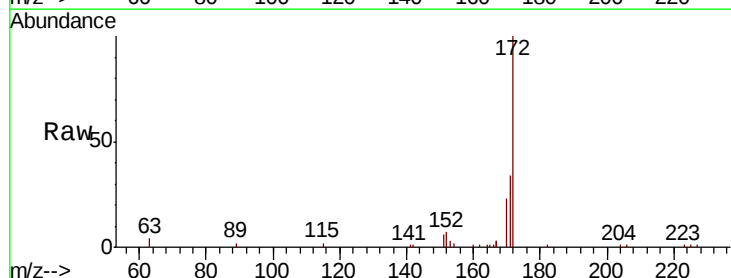


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

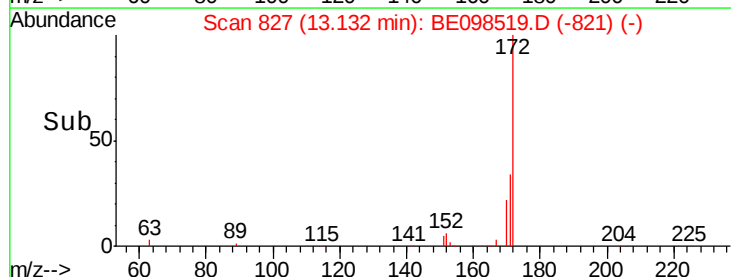
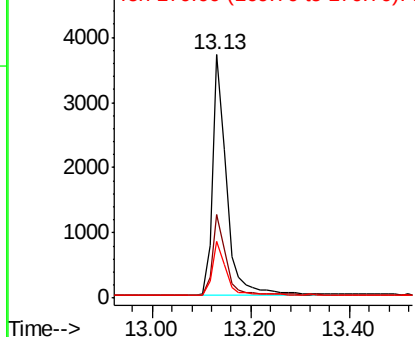


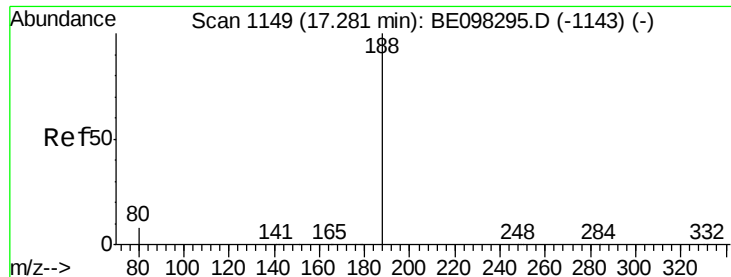
#15
 2-Fluorobiphenyl
 Concen: 0.517 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BE098519.D
 Acq: 18 Dec 2018 19:04

Tgt Ion: 172 Resp: 7210
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.5 41.3
 170 23.4 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: BE098519.D

Acq: 18 Dec 2018 19:04

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20181211

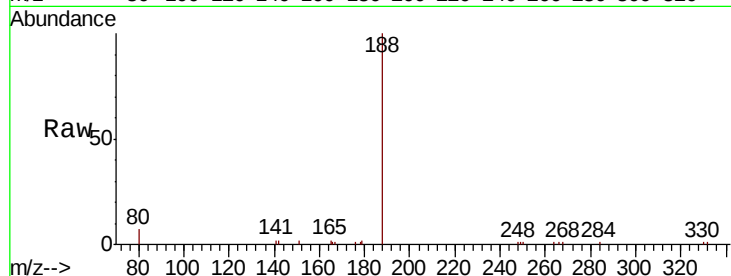
Tgt Ion:188 Resp: 7941

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

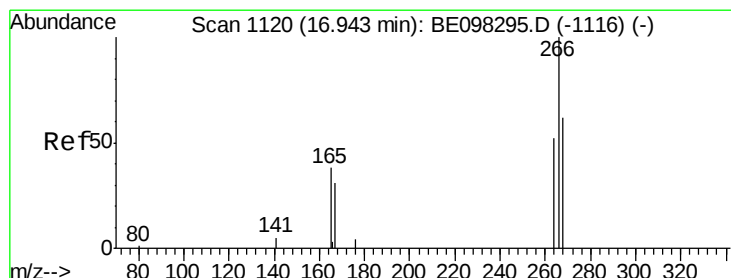
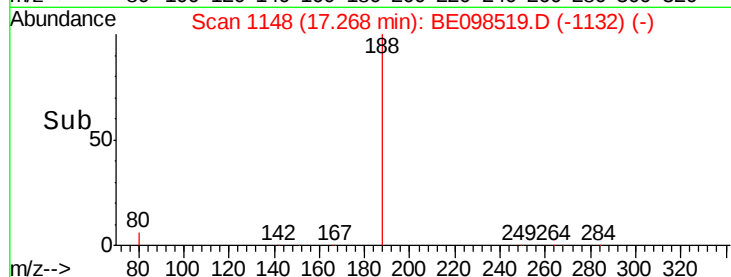
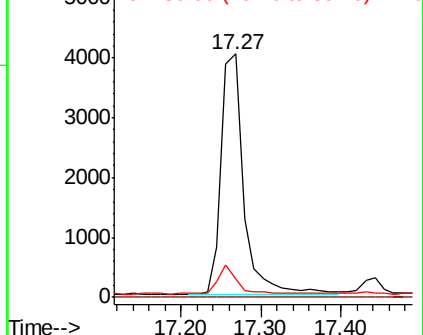
80 7.3 7.2 10.8



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: 0.020 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

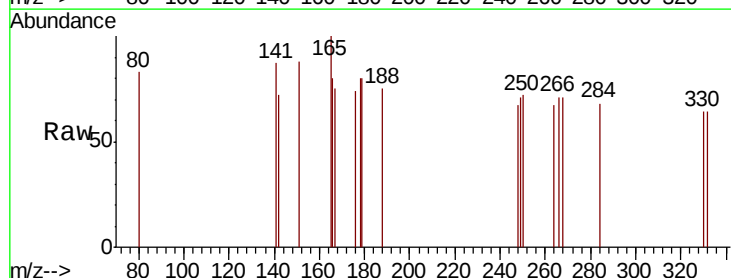
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 93.9 59.0 88.4#

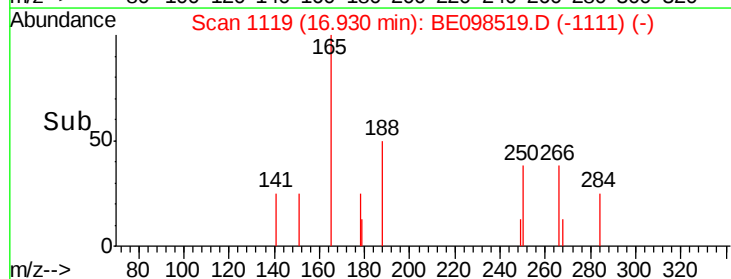
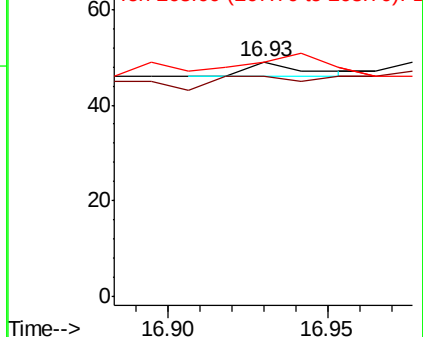
268 100.0 55.1 82.7#

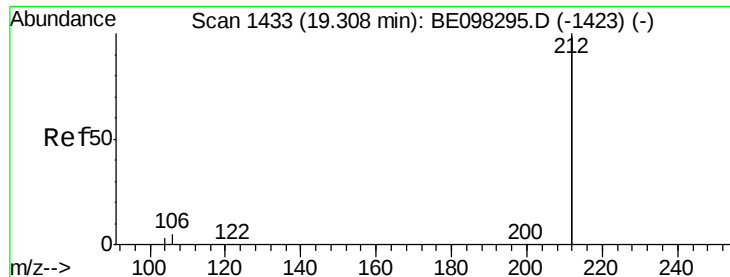


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20181211

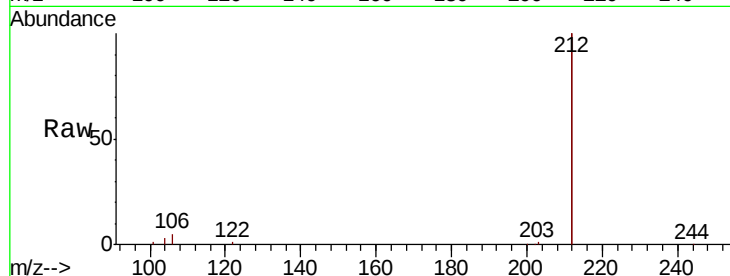
Tgt Ion:212 Resp: 41243

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

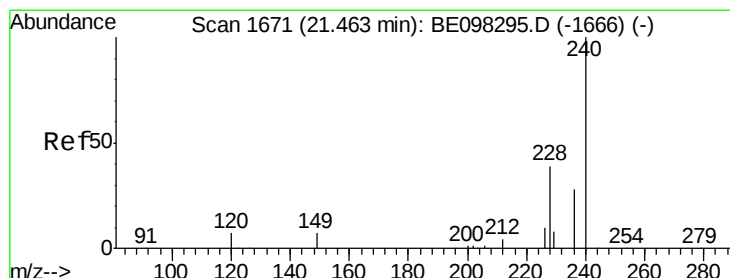
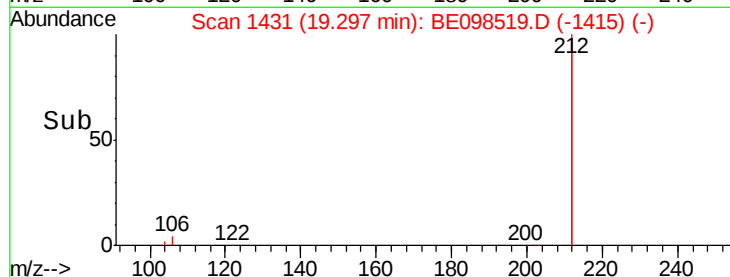
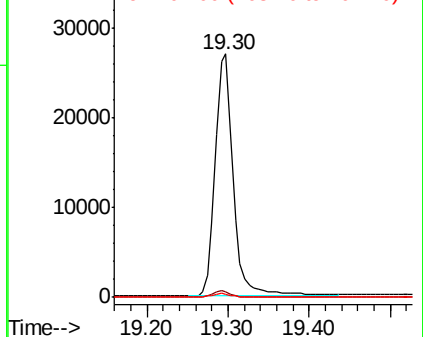
104 1.4 1.3 1.9



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

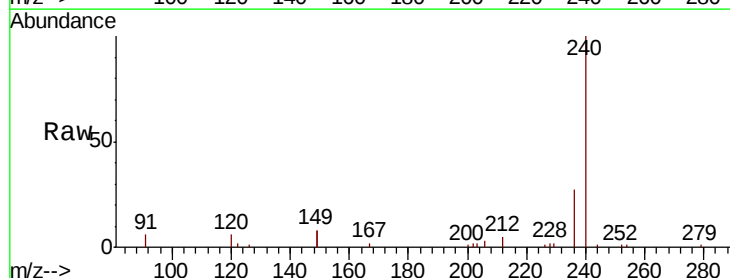
Tgt Ion:240 Resp: 8940

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

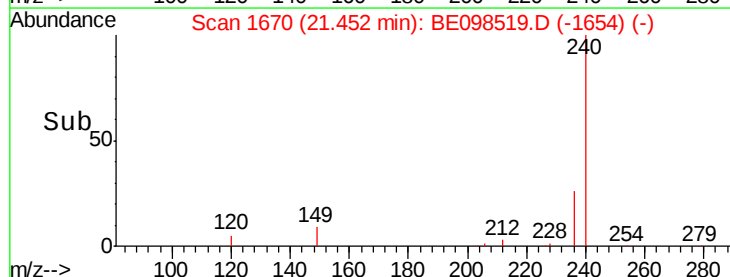
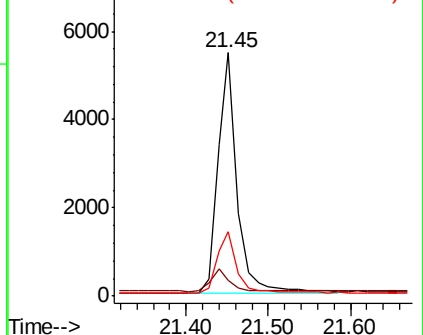
236 26.5 22.7 34.1

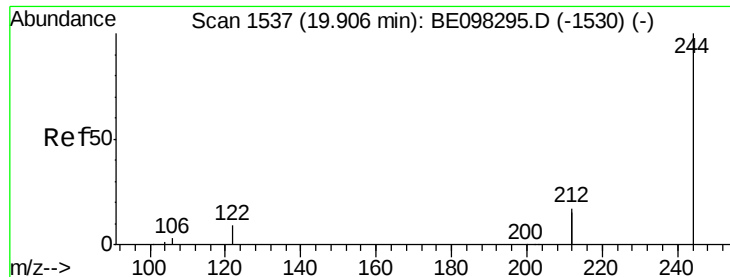


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.497 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20181211

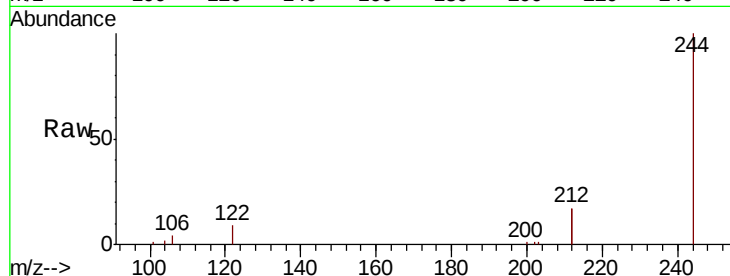
Tgt Ion:244 Resp: 10790

Ion Ratio Lower Upper

244 100

212 34.8 27.4 41.0

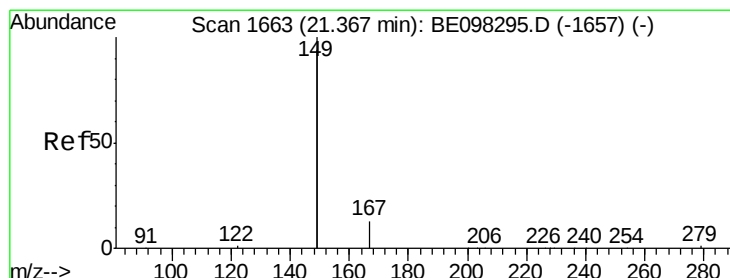
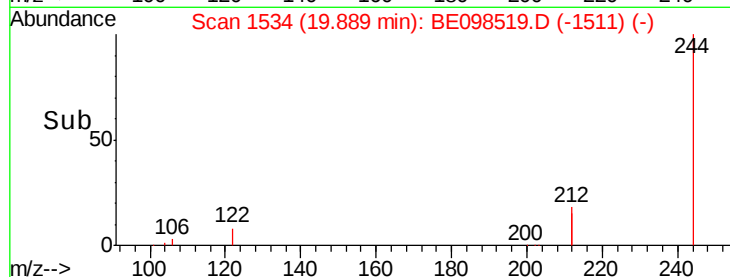
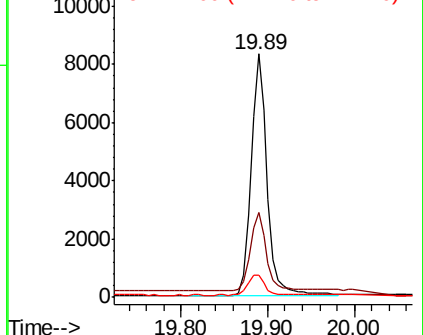
122 9.0 8.3 12.5



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: 0.104 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

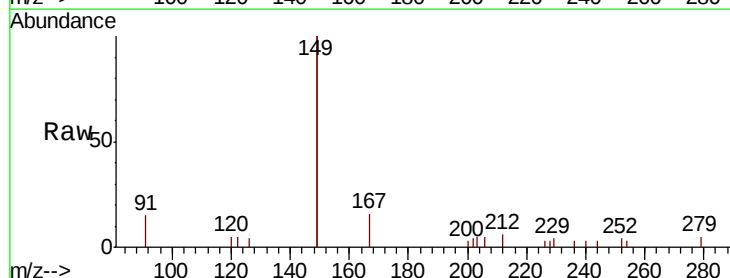
Tgt Ion:149 Resp: 5364

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

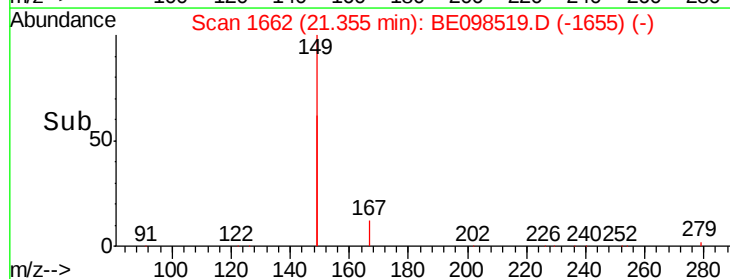
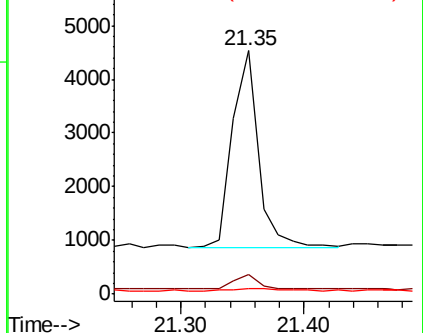
279 1.5 1.0 1.4#

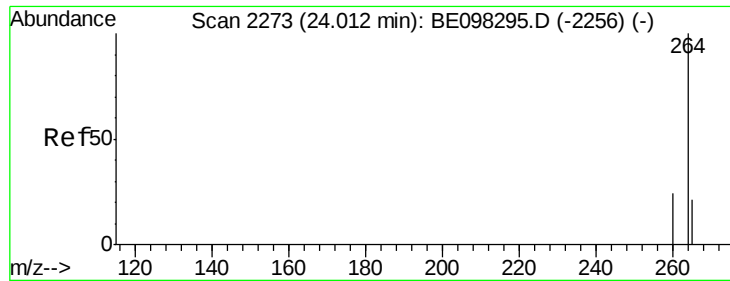


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

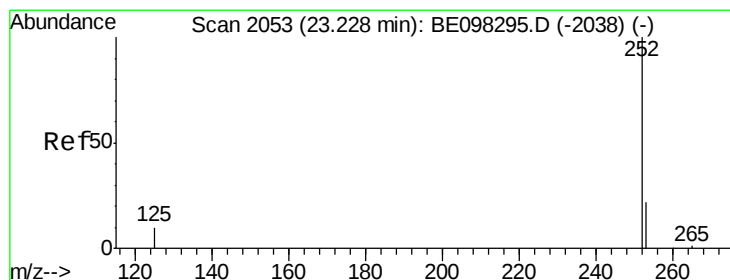
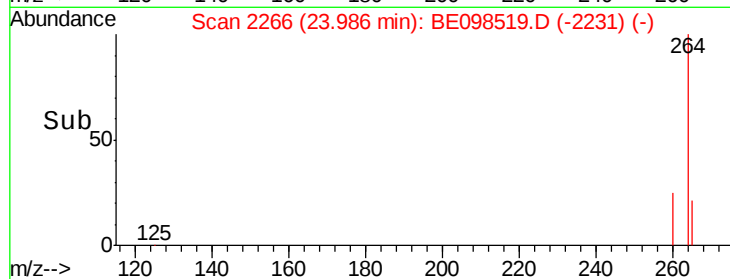
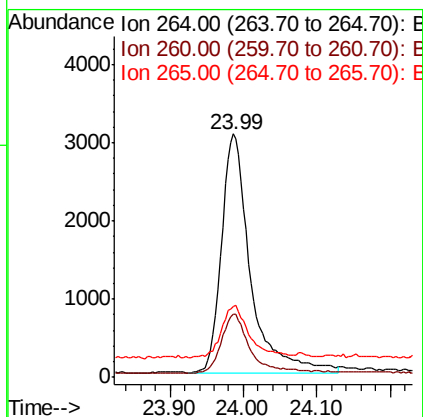
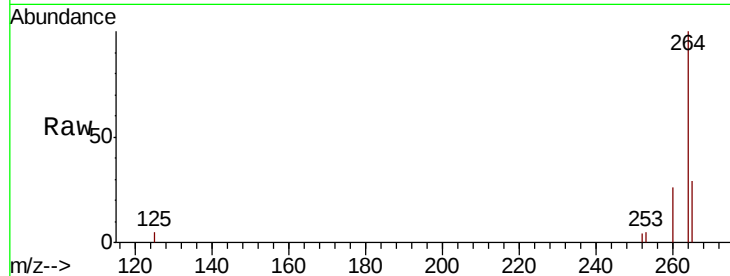




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BE098519.D
Acq: 18 Dec 2018 19:04

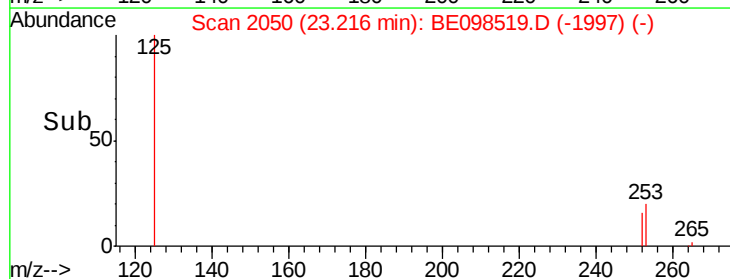
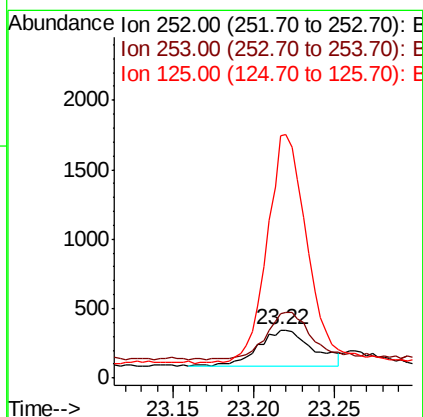
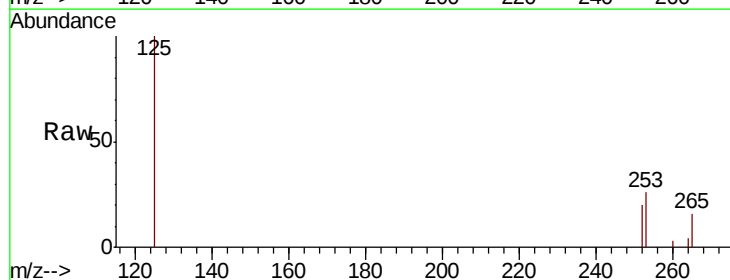
Instrument :
BNA_E
ClientSampleId :
BP-FW-MW02-20181211

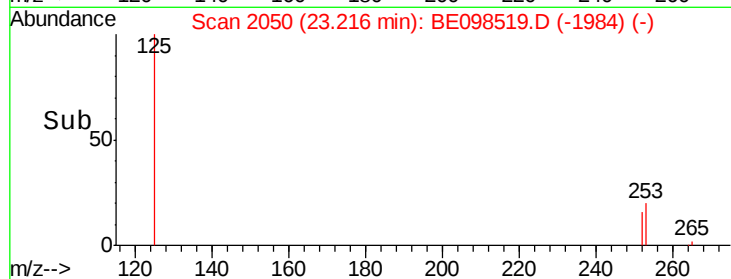
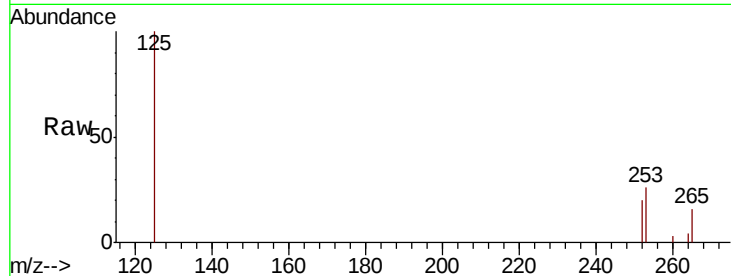
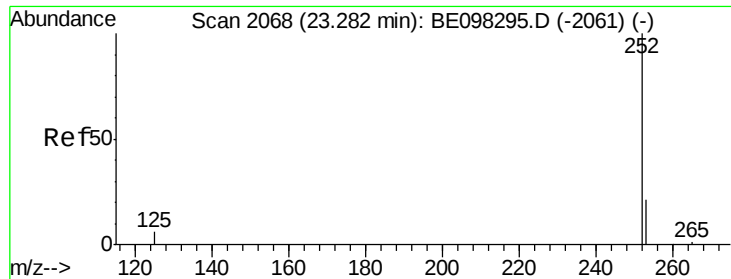
Tgt Ion: 264 Resp: 8493
Ion Ratio Lower Upper
264 100
260 25.9 20.2 30.2
265 29.1 25.2 37.8



#35
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 23.22 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE098519.D
Acq: 18 Dec 2018 19:04

Tgt Ion: 252 Resp: 636
Ion Ratio Lower Upper
252 100
253 133.2 20.0 30.0#
125 503.5 9.6 14.4#





#36

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 23.22 min Scan# 2050

Delta R.T. -0.07 min

Lab File: BE098519.D

Acq: 18 Dec 2018 19:04

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20181211

Tgt Ion: 252 Resp: 636

Ion Ratio Lower Upper

252 100

253 133.2 19.0 28.6#

125 503.5 9.1 13.7#

